

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013600.D
 Acq On : 26 Nov 2019 14:41
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 11/27/2019 2:07:44 PM

Quant Time: Nov 26 15:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	716156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1097596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1000472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	393406	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
35) Dibromofluoromethane	5.49	113	321159	47.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	1247472	48.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	448440	48.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	403205	49.405	ug/l	100
3) Chloromethane	1.31	50	442757	49.833	ug/l	100
4) Vinyl Chloride	1.40	62	511591	50.678	ug/l	100
5) Bromomethane	1.63	94	310569	44.847	ug/l	100
6) Chloroethane	1.71	64	271125	42.231	ug/l	100
7) Trichlorofluoromethane	1.92	101	527928	44.665	ug/l	100
8) Diethyl Ether	2.18	74	243713	46.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	323134	48.356	ug/l	100
10) Methyl Iodide	2.50	142	432133	52.091	ug/l	100
11) Tert butyl alcohol	3.03	59	472499	215.038	ug/l	100
12) 1,1-Dichloroethene	2.36	96	331047	50.506	ug/l	100
13) Acrolein	2.28	56	340061	275.745	ug/l	100
14) Allyl chloride	2.72	41	606803	50.805	ug/l	100
15) Acrylonitrile	3.13	53	1037632	250.742	ug/l	100
16) Acetone	2.43	43	1002498	239.993	ug/l	100
17) Carbon Disulfide	2.56	76	922290	52.233	ug/l	100
18) Methyl Acetate	2.76	43	578278	49.921	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1104781	50.710	ug/l	100
20) Methylene Chloride	2.84	84	369213	47.391	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	355040	49.760	ug/l	100
22) Diisopropyl ether	3.84	45	1173948	51.164	ug/l	100
23) Vinyl Acetate	3.80	43	4942600	252.555	ug/l	100
24) 1,1-Dichloroethane	3.69	63	635033	49.460	ug/l	100
25) 2-Butanone	4.65	43	1533423	249.802	ug/l	100
26) 2,2-Dichloropropane	4.57	77	520724	50.773	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	408534	51.072	ug/l	100
28) Bromochloromethane	5.00	49	257686	66.132	ug/l	100
29) Tetrahydrofuran	5.11	42	953282	252.586	ug/l	100
30) Chloroform	5.20	83	627897	49.591	ug/l	100
31) Cyclohexane	5.57	56	587473	50.449	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	533231	49.045	ug/l	100
36) 1,1-Dichloropropene	5.79	75	482023	51.386	ug/l	100
37) Ethyl Acetate	4.82	43	567777	49.360	ug/l	100
38) Carbon Tetrachloride	5.78	117	456075	50.042	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	592476	50.468	ug/l	100
40) Benzene	6.13	78	1459663	49.923	ug/l	100
41) Methacrylonitrile	5.03	41	314012	48.702	ug/l	100
42) 1,2-Dichloroethane	6.18	62	500064	48.053	ug/l	100
43) Isopropyl Acetate	6.43	43	908463	50.620	ug/l	100
44) Trichloroethene	7.20	130	399797	49.592	ug/l	100
45) 1,2-Dichloropropane	7.51	63	371749	49.985	ug/l	100
46) Dibromomethane	7.65	93	245652	48.608	ug/l	100
47) Bromodichloromethane	7.89	83	485015	50.801	ug/l	100
48) Methyl methacrylate	7.76	41	455734	51.063	ug/l	100
49) 1,4-Dioxane	7.73	88	196486	963.901	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2885155	246.526	ug/l	100
52) Toluene	8.78	92	918004	50.644	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	556300	53.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	611858	52.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	371803	49.698	ug/l	100
56) Ethyl methacrylate	9.17	69	608880	52.575	ug/l	100
57) 1,3-Dichloropropane	9.37	76	629748	49.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1182726	236.304	ug/l	100
59) 2-Hexanone	9.48	43	2263036	250.295	ug/l	100
60) Dibromochloromethane	9.58	129	398494	52.059	ug/l	100
61) 1,2-Dibromoethane	9.67	107	392821	49.577	ug/l	100
64) Tetrachloroethene	9.33	164	346087	48.486	ug/l	100
65) Chlorobenzene	10.14	112	981325	48.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	366123	49.506	ug/l	100
67) Ethyl Benzene	10.25	91	1761569	50.511	ug/l	100
68) m/p-Xylenes	10.35	106	1331054	101.180	ug/l	100
69) o-Xylene	10.70	106	653528	50.542	ug/l	100
70) Styrene	10.71	104	1114189	51.689	ug/l	100
71) Bromoform	10.85	173	311114	51.988	ug/l	100
73) Isopropylbenzene	11.01	105	1710980	51.856	ug/l	100
74) N-amyl acetate	10.89	43	816996	53.665	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	594461	49.665	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	560106m	54.170	ug/l	
77) Bromobenzene	11.25	156	450806	51.253	ug/l	100
78) n-propylbenzene	11.35	91	1934533	52.747	ug/l	100
79) 2-Chlorotoluene	11.42	91	1131554	51.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1418681	51.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	205619	52.504	ug/l	100
82) 4-Chlorotoluene	11.51	91	1312902	50.810	ug/l	100
83) tert-Butylbenzene	11.77	119	1433878	52.085	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1430508	52.105	ug/l	100
85) sec-Butylbenzene	11.94	105	1643776	51.828	ug/l	100
86) p-Isopropyltoluene	12.06	119	1527398	52.346	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	790900	50.589	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	780485	49.051	ug/l	100
89) n-Butylbenzene	12.39	91	1317959	51.932	ug/l	100
90) Hexachloroethane	12.59	117	270998	52.055	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	788819	50.448	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	133165	46.122	ug/l	100

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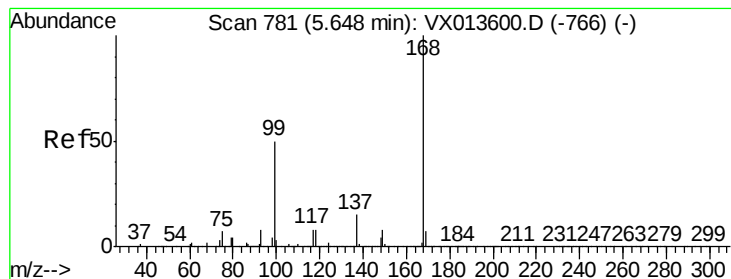
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	551326	50.665	ug/l	100
94) Hexachlorobutadiene	13.78	225	247545	46.937	ug/l	100
95) Naphthalene	13.83	128	1723632	51.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	541798	49.905	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 716156

Ion Ratio Lower Upper

168 100

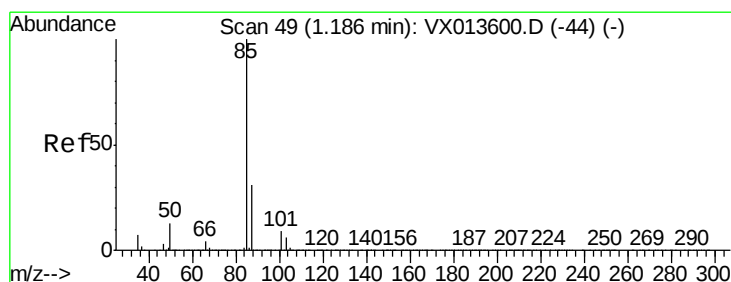
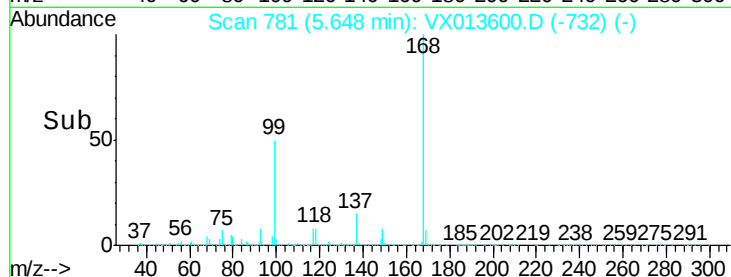
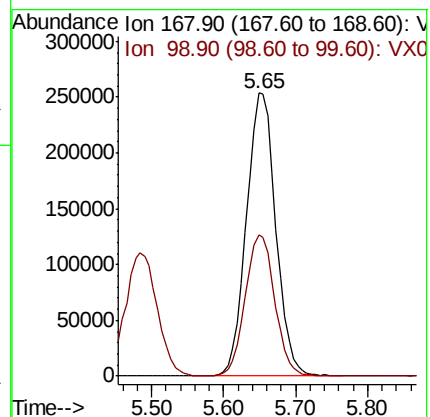
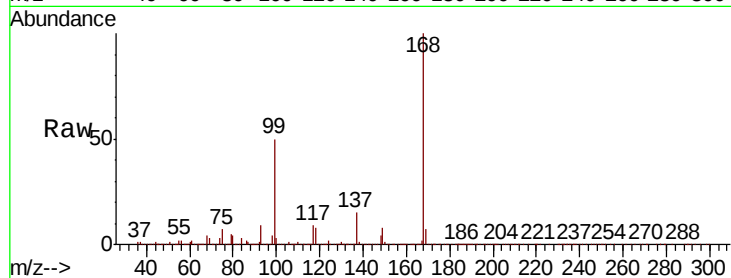
99 49.8 39.8 59.8

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#2

Dichlorodifluoromethane

Concen: 49.405 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013600.D

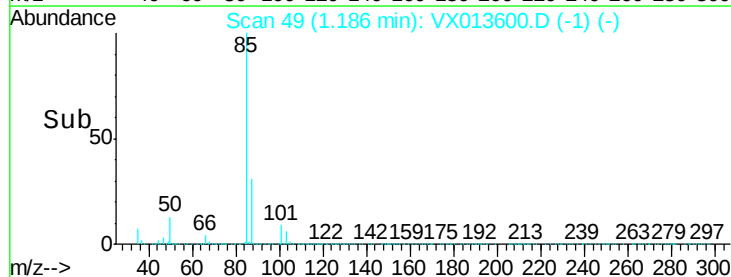
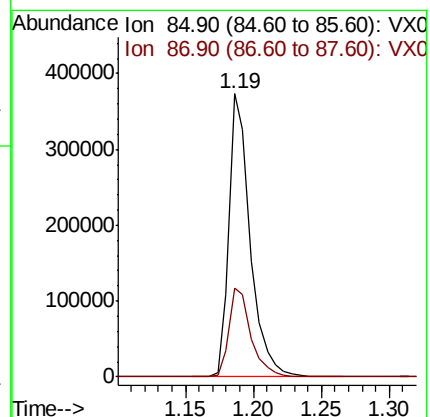
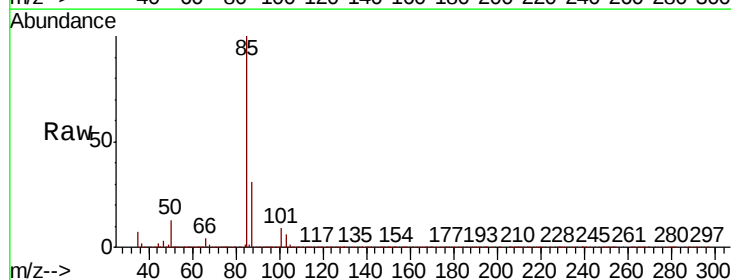
Acq: 26 Nov 2019 14:41

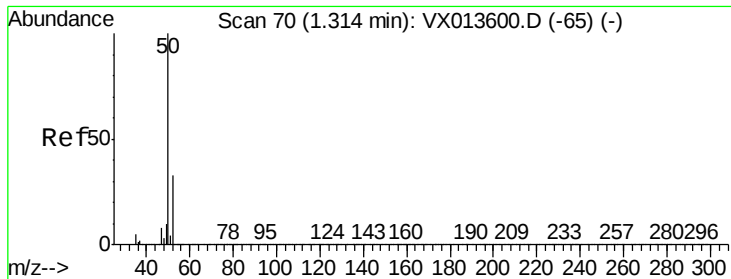
Tgt Ion: 85 Resp: 403205

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1





#3

Chloromethane

Concen: 49.833 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 442757

Ion Ratio Lower Upper

50 100

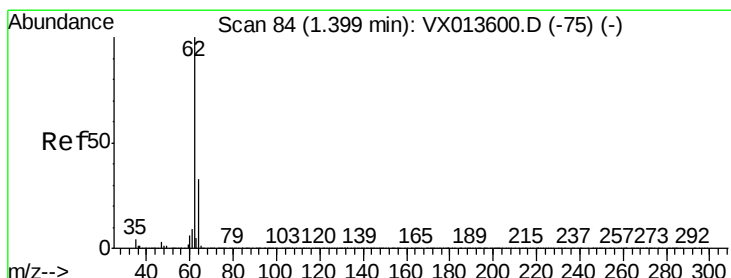
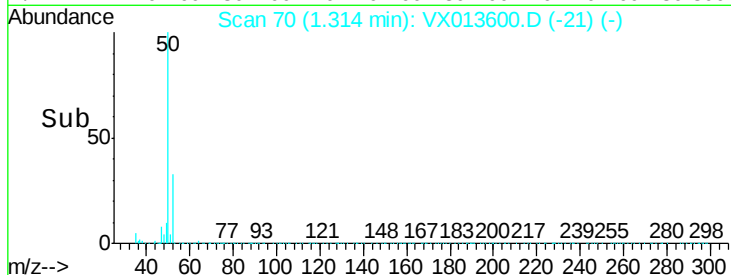
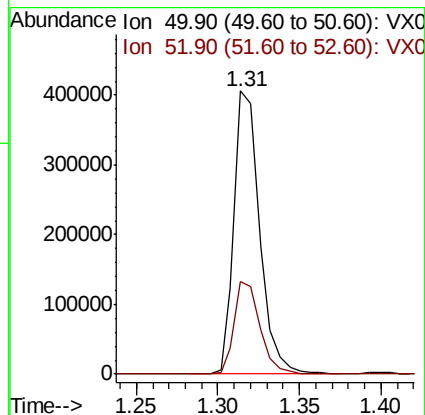
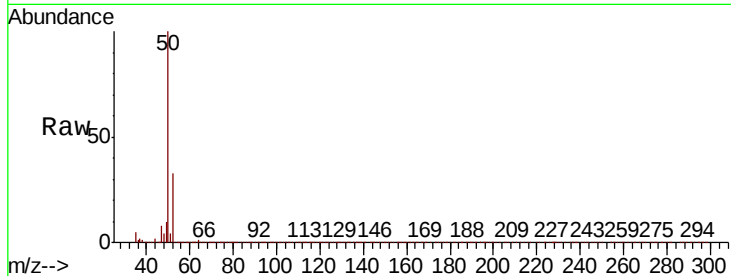
52 32.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.678 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013600.D

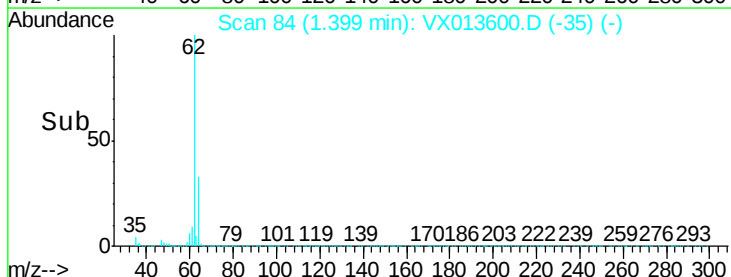
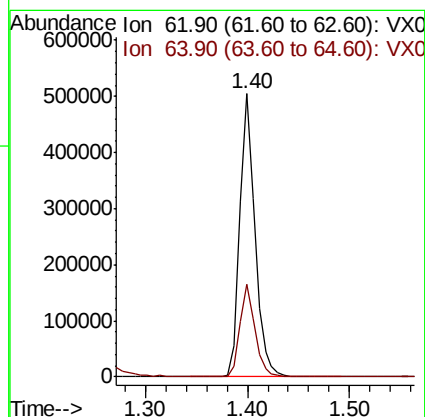
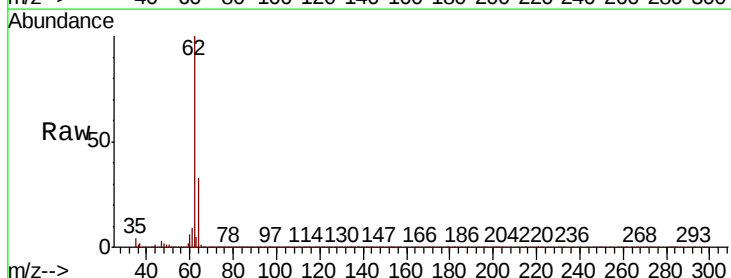
Acq: 26 Nov 2019 14:41

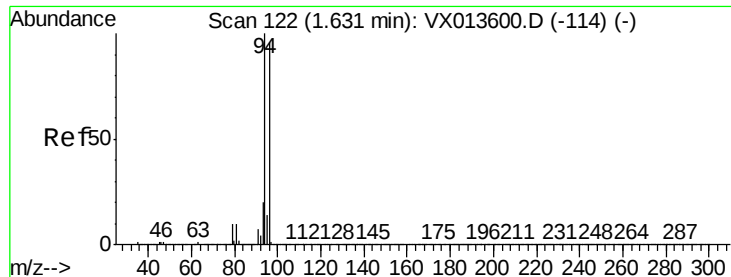
Tgt Ion: 62 Resp: 511591

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 44.847 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 310569

Ion Ratio Lower Upper

94 100

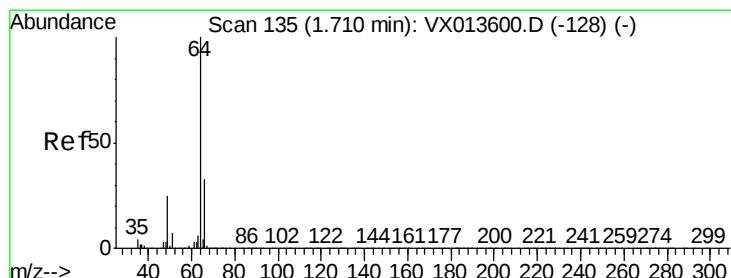
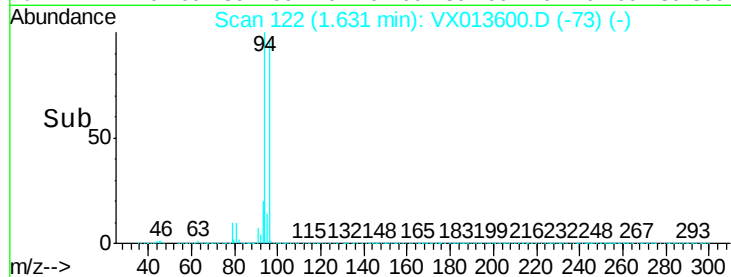
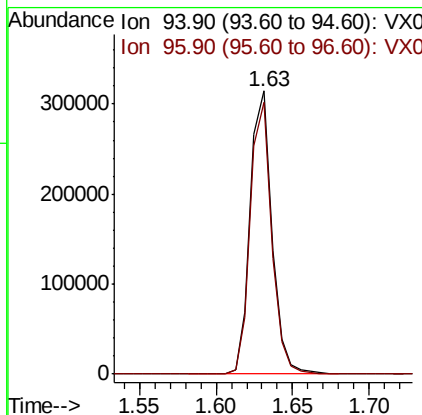
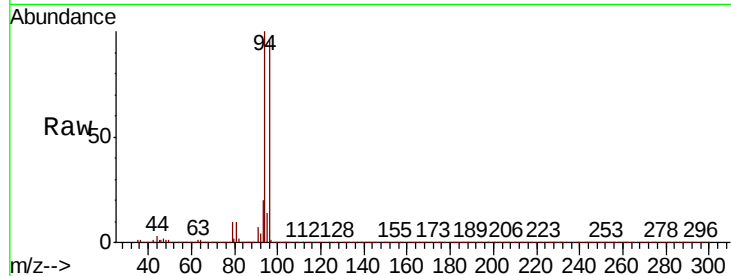
96 96.2 77.0 115.4

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#6

Chloroethane

Concen: 42.231 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013600.D

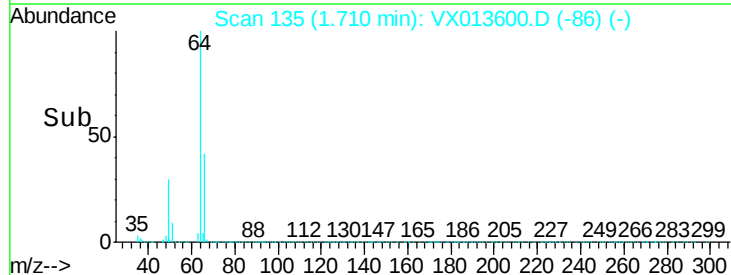
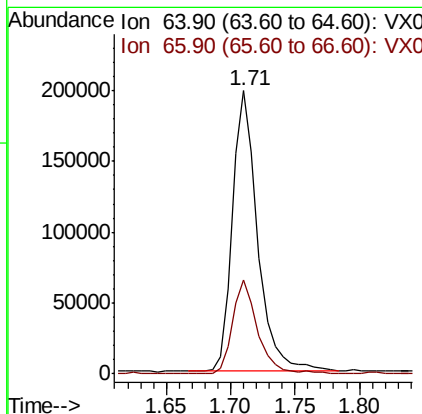
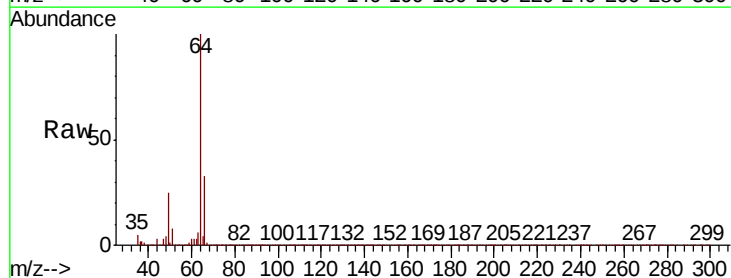
Acq: 26 Nov 2019 14:41

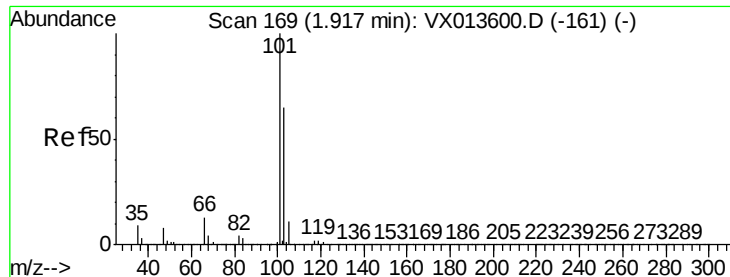
Tgt Ion: 64 Resp: 271125

Ion Ratio Lower Upper

64 100

66 33.4 26.7 40.1





#7

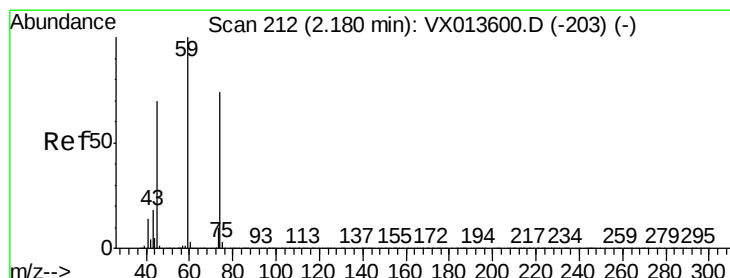
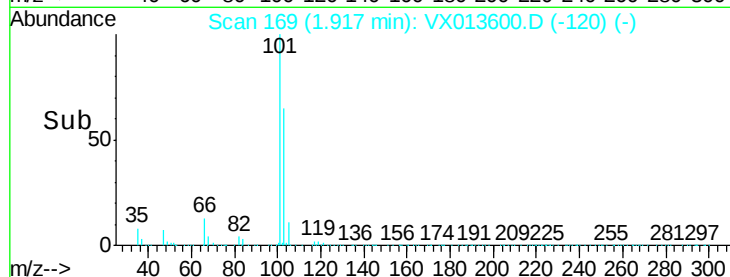
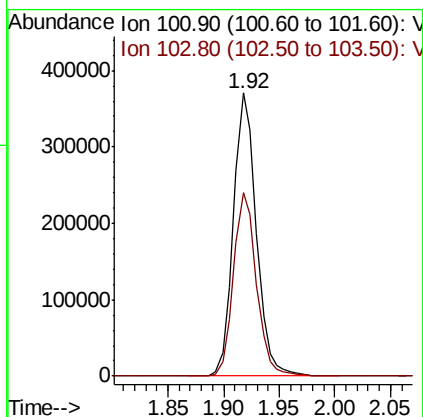
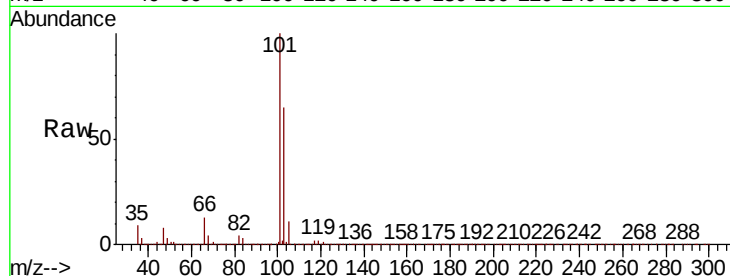
Trichlorofluoromethane
Concen: 44.665 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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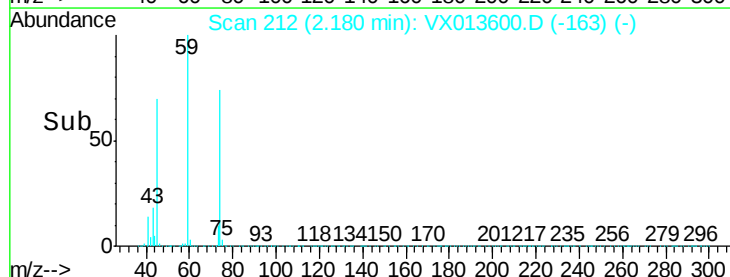
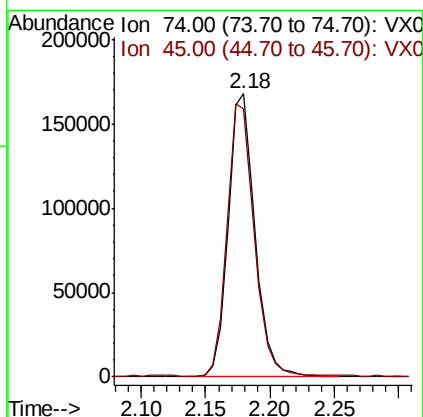
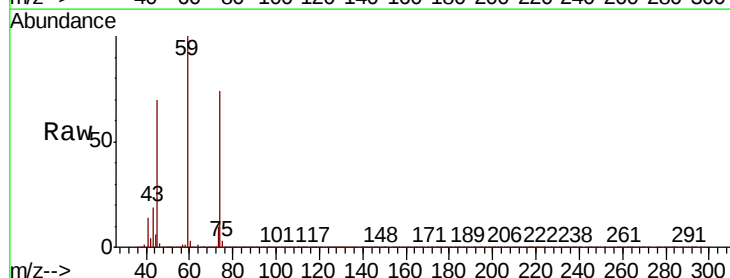
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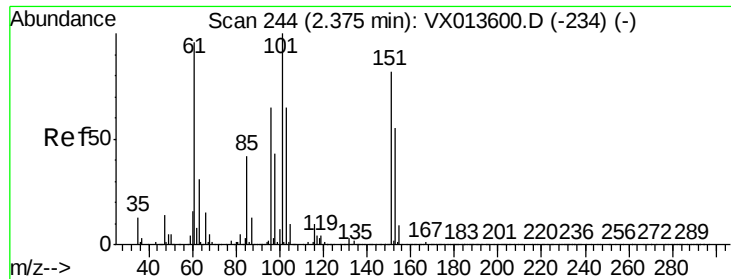


#8

Diethyl Ether
Concen: 46.474 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.356 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

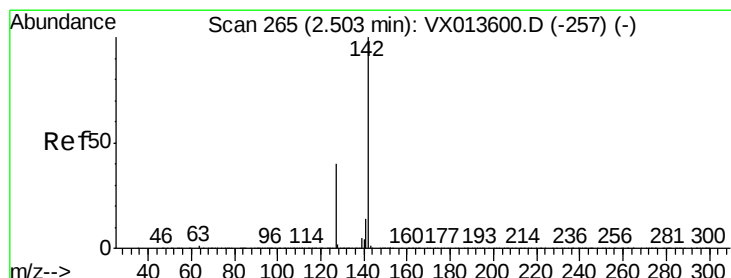
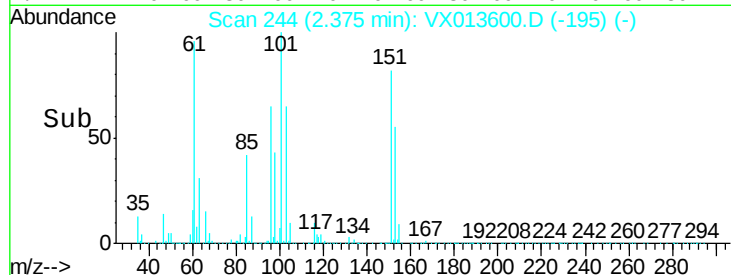
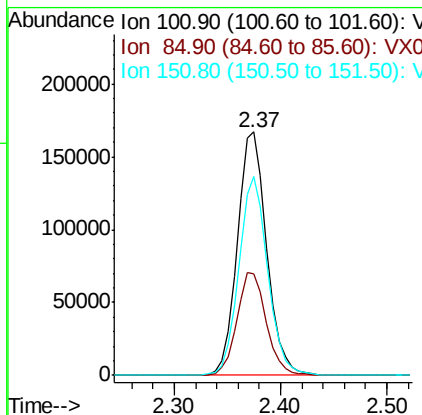
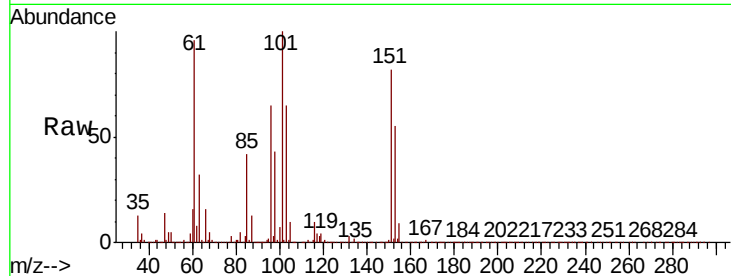
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	323134
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	80.2	64.2	96.2

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#10

Methyl Iodide

Concen: 52.091 ug/l

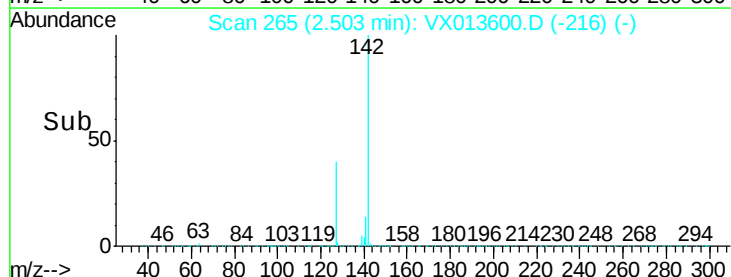
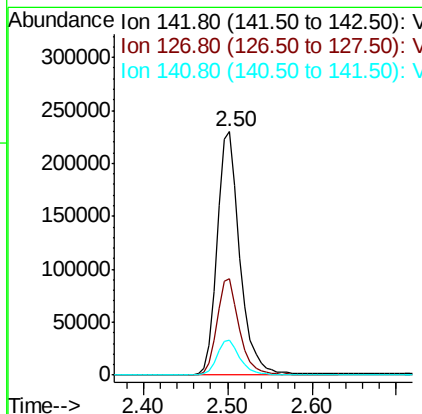
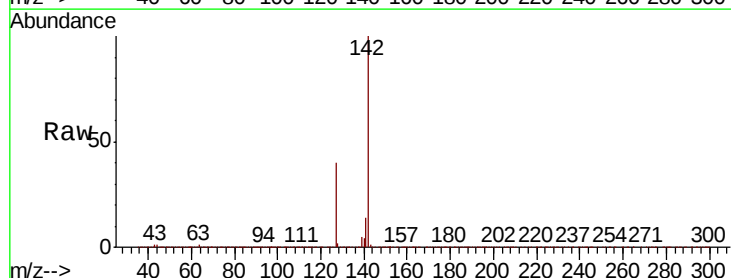
RT: 2.50 min Scan# 265

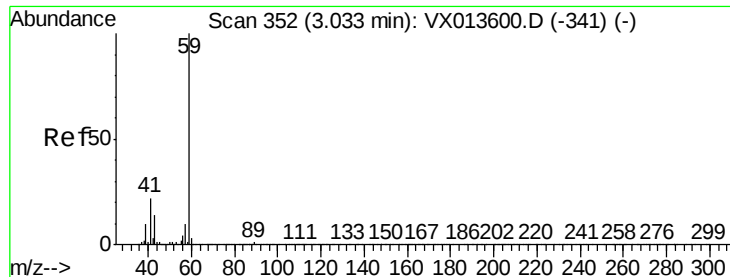
Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion:	142	Resp:	432133
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.0	46.4
141	14.5	11.6	17.4





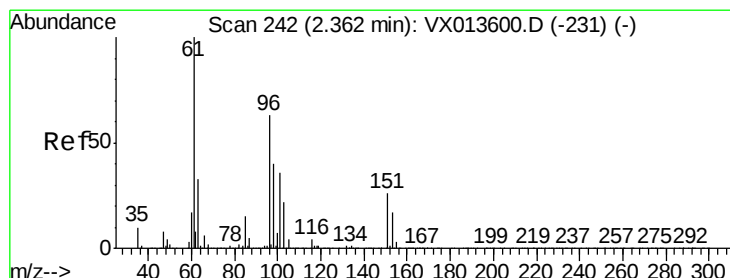
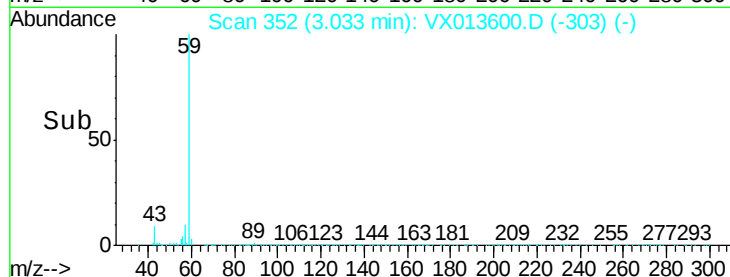
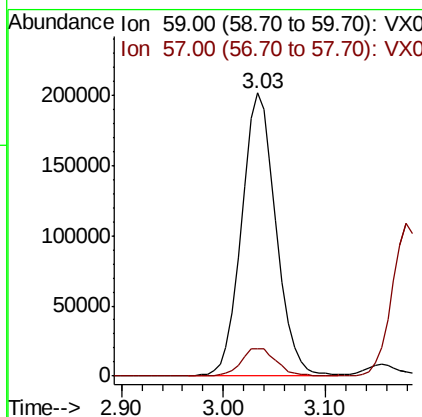
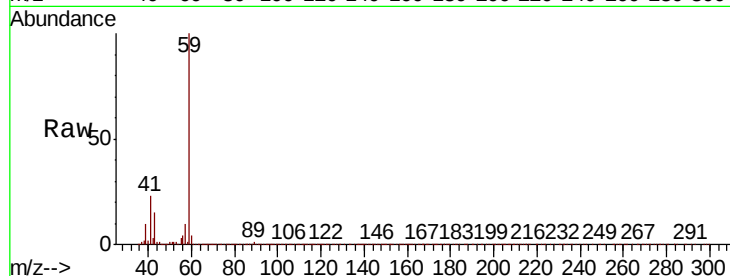
#11
Tert butyl alcohol
Concen: 215.038 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

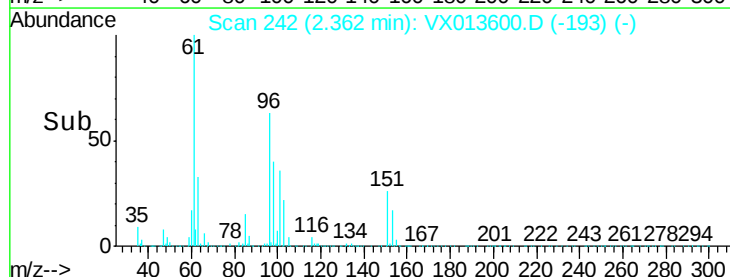
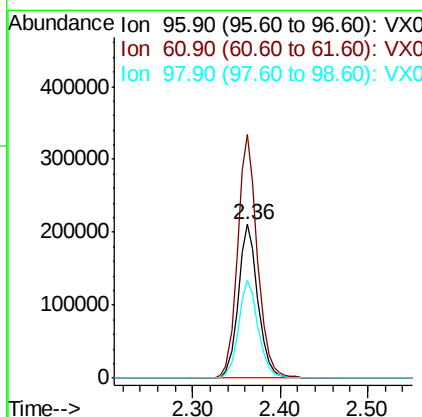
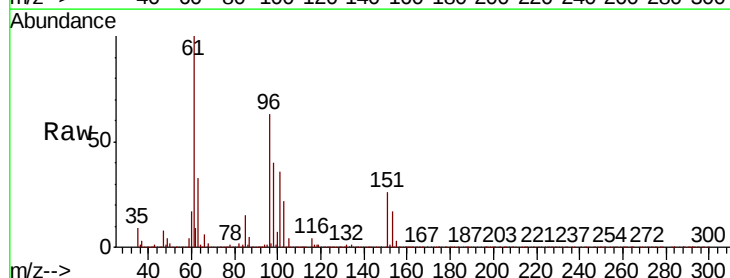
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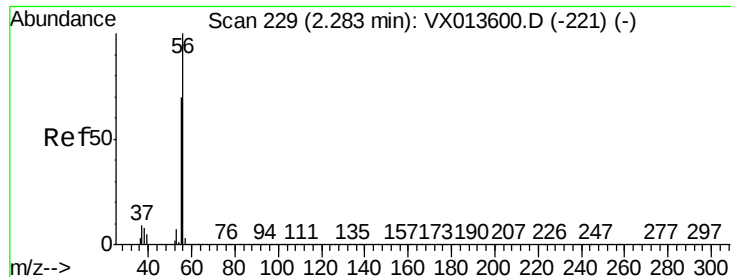
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#12
1,1-Dichloroethene
Concen: 50.506 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.6	190.0
98	63.3	50.6	76.0





#13

Acrolein

Concen: 275.745 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 340061

Ion Ratio Lower Upper

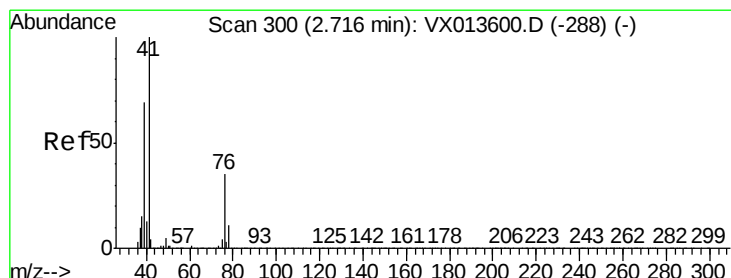
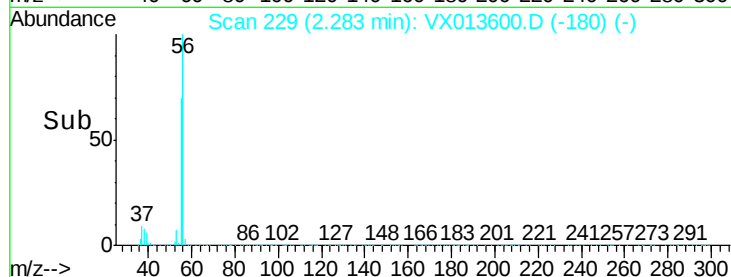
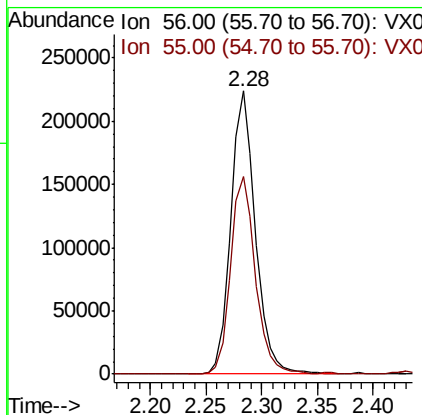
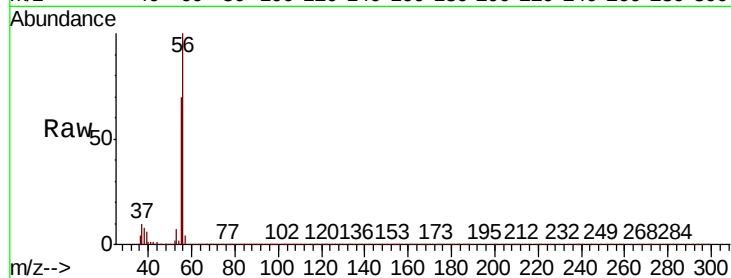
56 100

55 70.3 56.2 84.4

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#14

Allyl chloride

Concen: 50.805 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

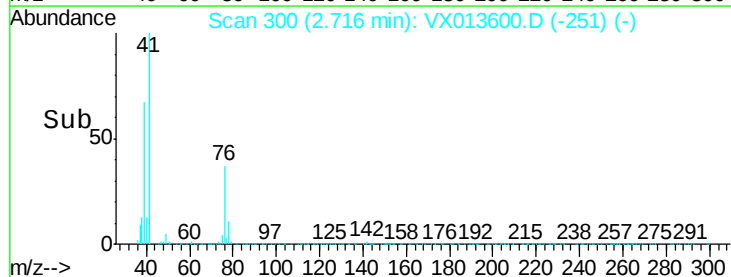
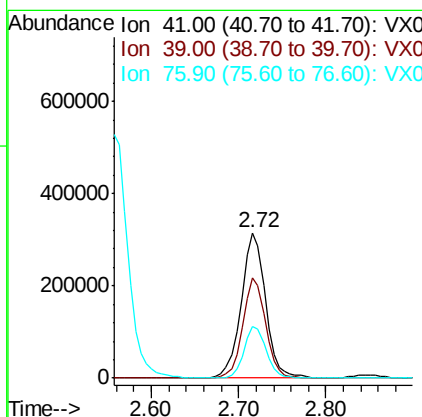
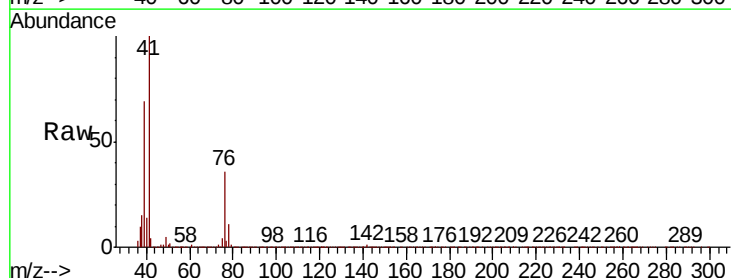
Tgt Ion: 41 Resp: 606803

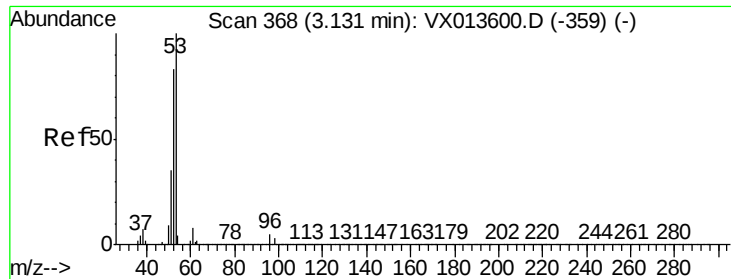
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 32.4 25.9 38.9





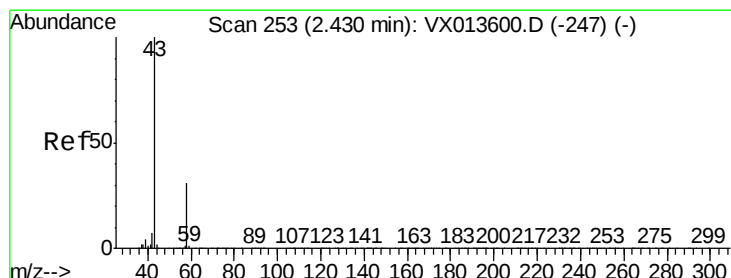
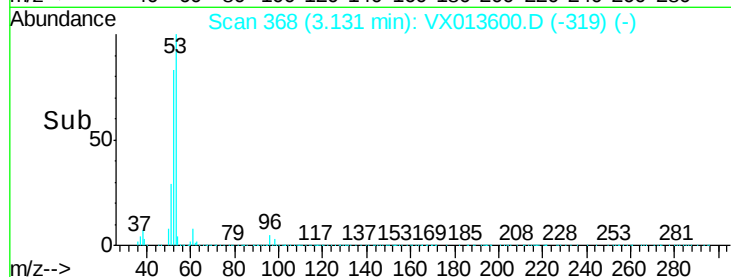
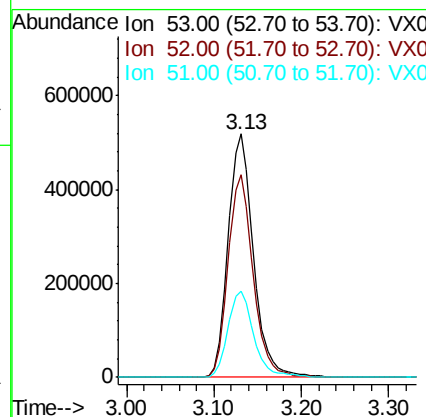
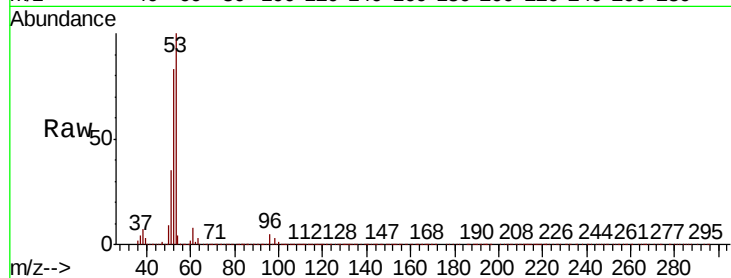
#15
 Acrylonitrile
 Concen: 250.742 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.3	29.0	43.6

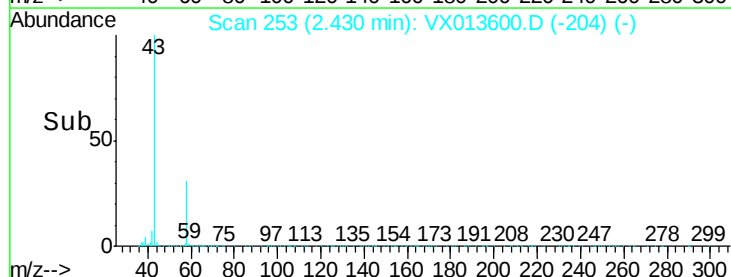
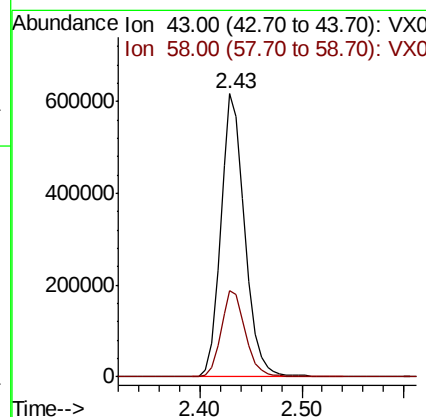
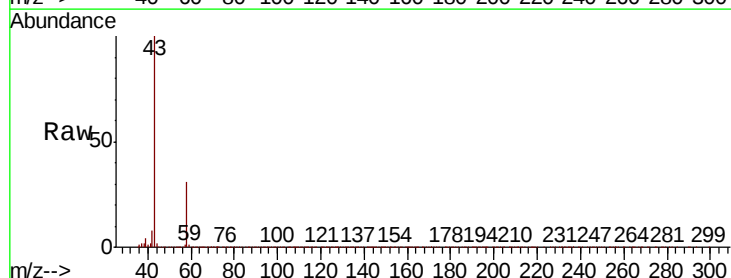
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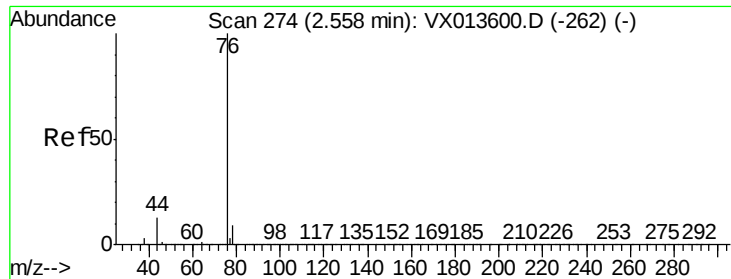
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#16
 Acetone
 Concen: 239.993 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8





#17

Carbon Disulfide

Concen: 52.233 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 922290

Ion Ratio Lower Upper

76 100

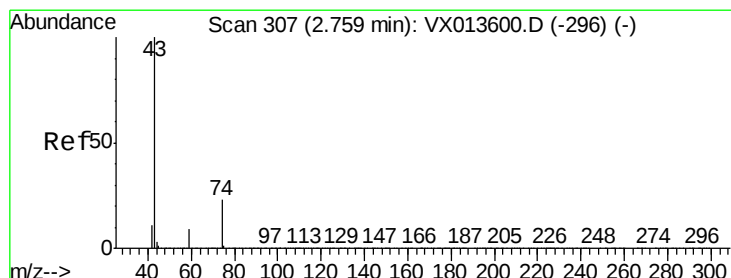
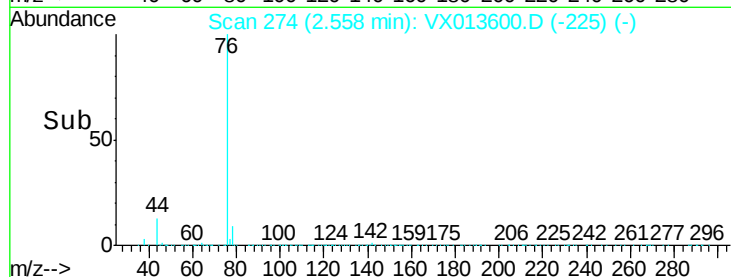
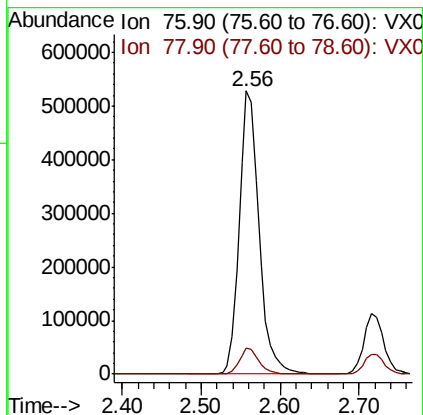
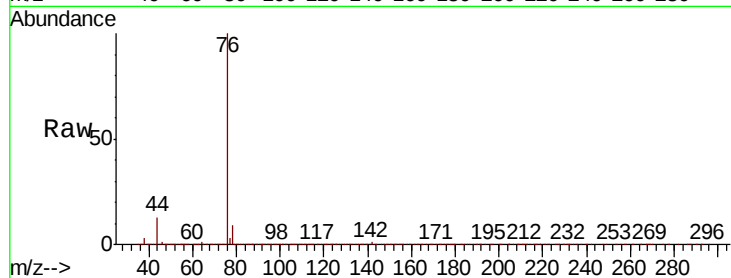
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 49.921 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013600.D

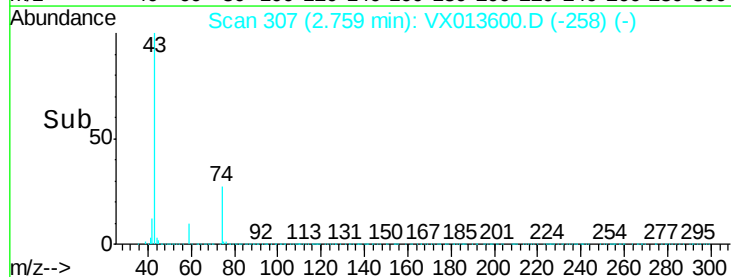
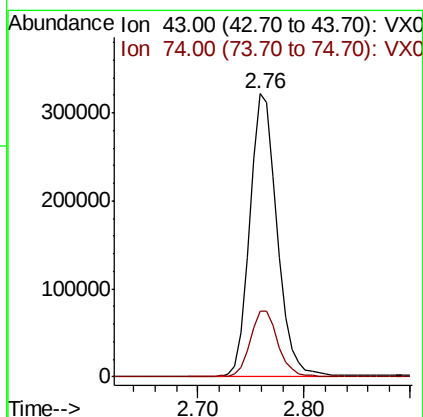
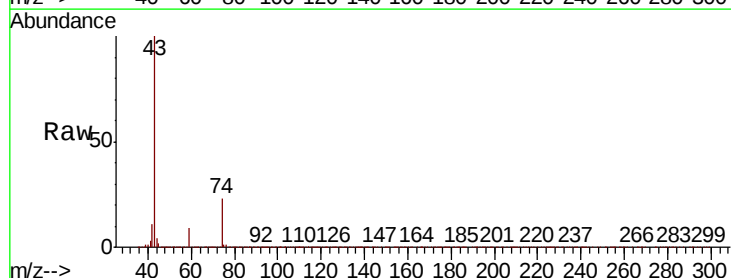
Acq: 26 Nov 2019 14:41

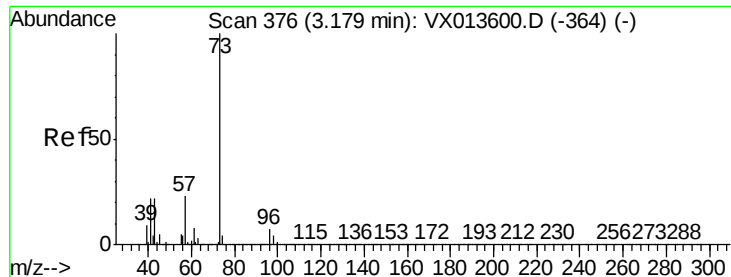
Tgt Ion: 43 Resp: 578278

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3





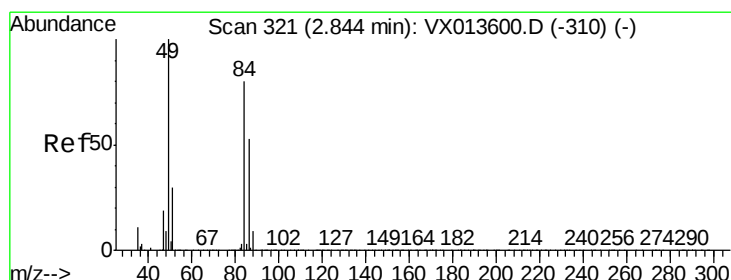
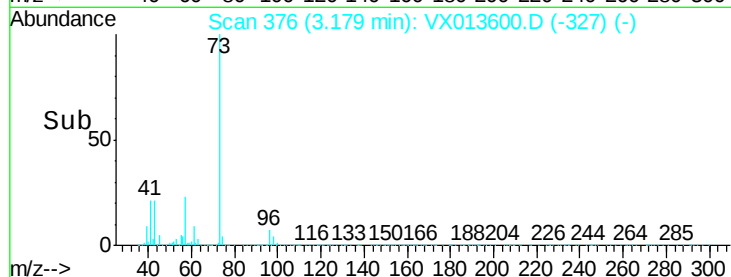
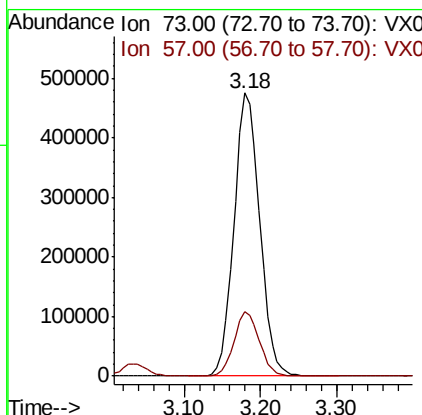
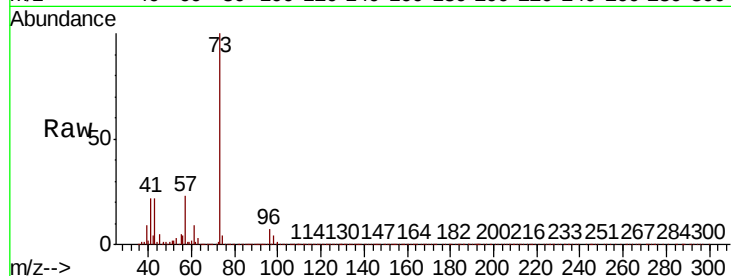
#19
Methvl tert-butvl Ether
Concen: 50.710 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 1104781
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

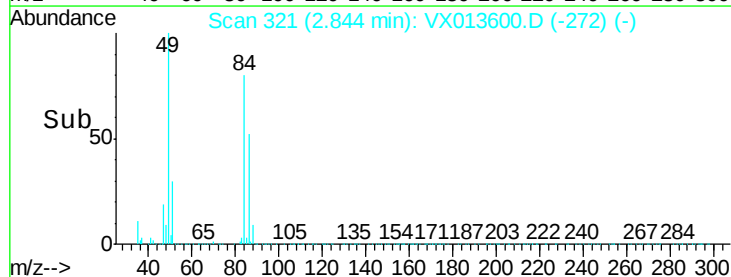
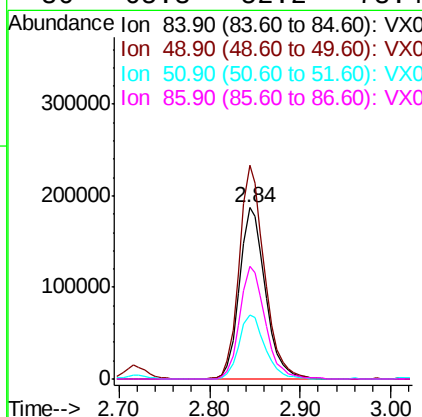
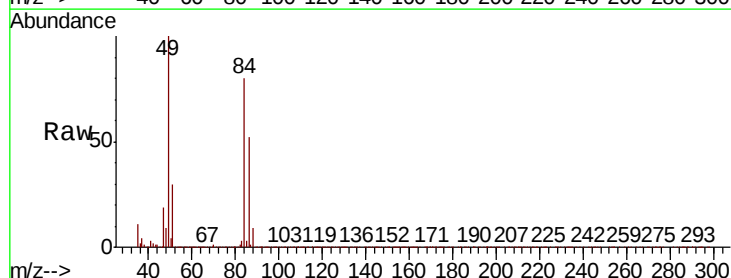
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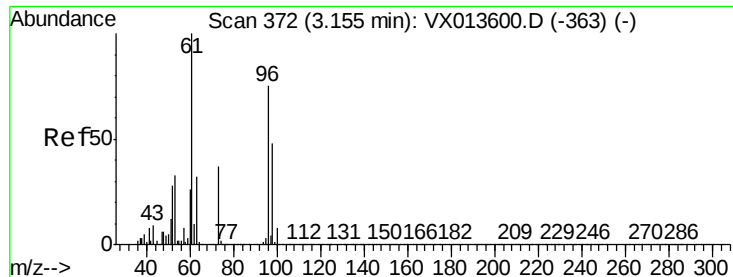
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#20
Methylene Chloride
Concen: 47.391 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion: 84 Resp: 369213
Ion Ratio Lower Upper
84 100
49 124.6 99.7 149.5
51 37.4 29.9 44.9
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.760 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 355040

Ion Ratio Lower Upper

96 100

61 134.0 107.2 160.8

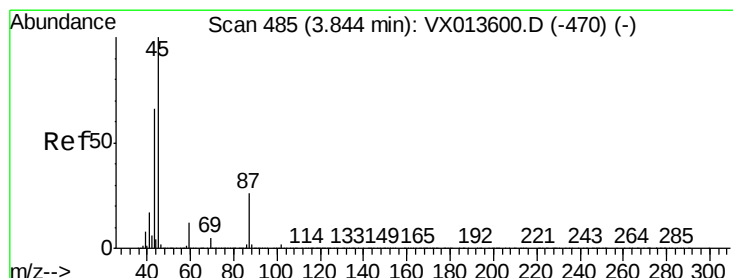
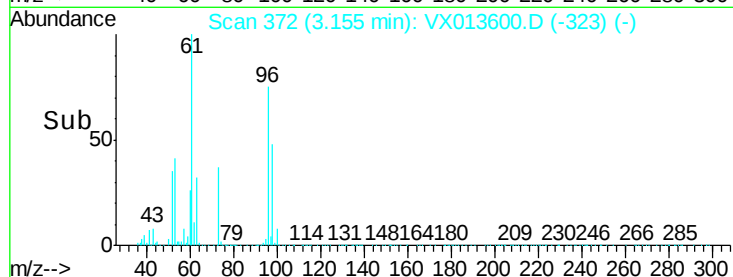
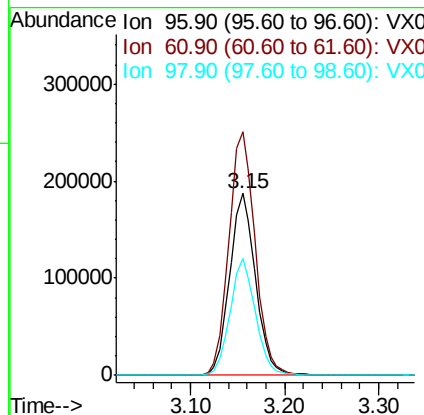
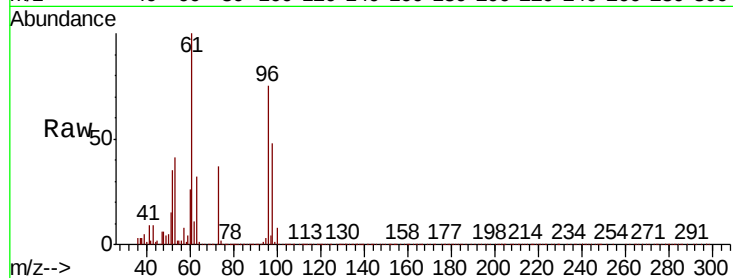
98 64.2 51.4 77.0

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#22

Diisopropyl ether

Concen: 51.164 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion: 45 Resp: 1173948

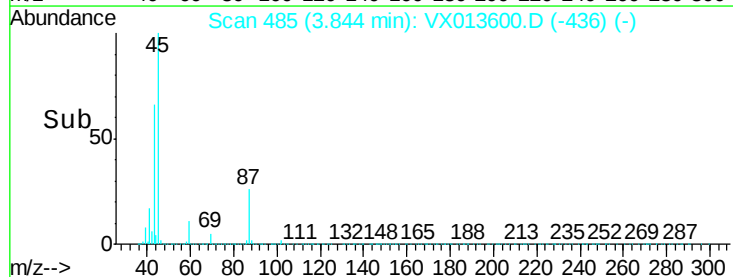
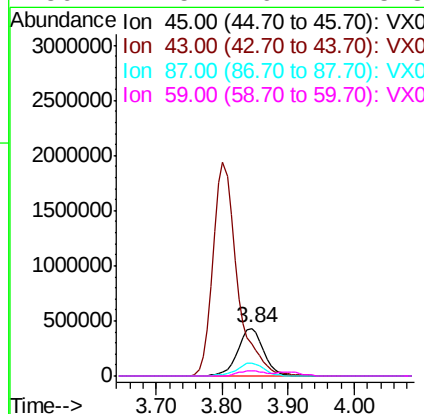
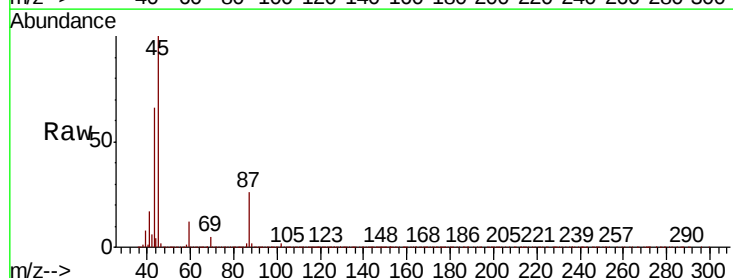
Ion Ratio Lower Upper

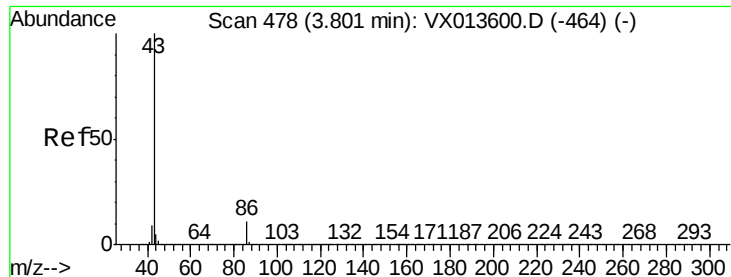
45 100

43 65.8 52.6 79.0

87 26.4 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 252.555 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tot Ion: 43 Resp: 4942600

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

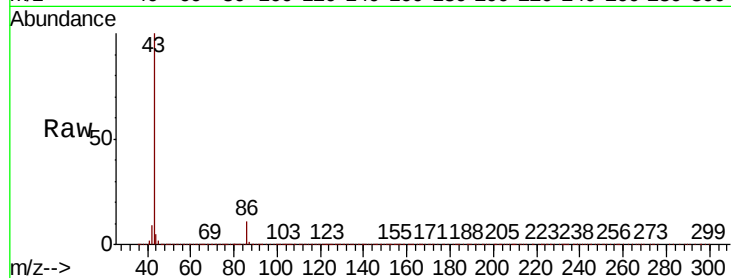
VSTDICCC050

Manual Integrations

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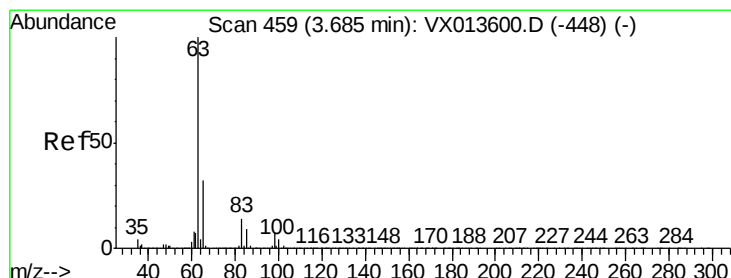
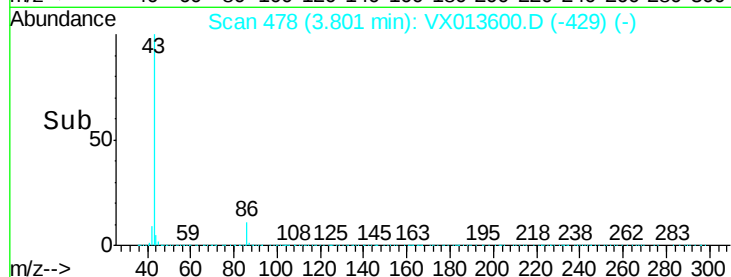
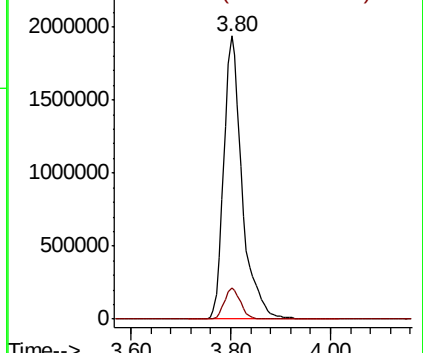
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.460 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

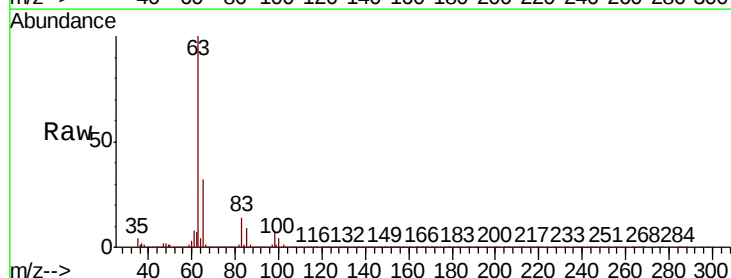
Tgt Ion: 63 Resp: 635033

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

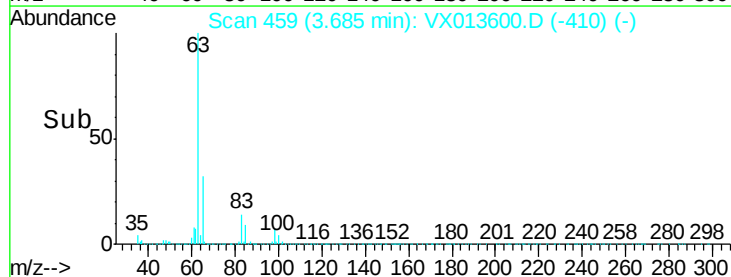
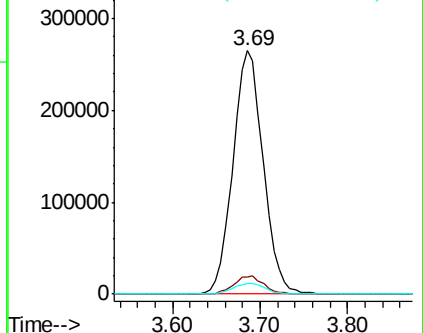
100 4.2 2.1 6.3

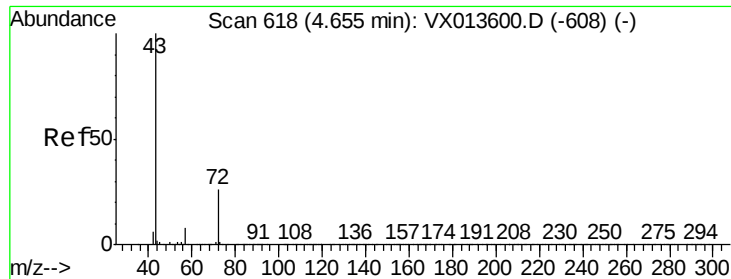


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





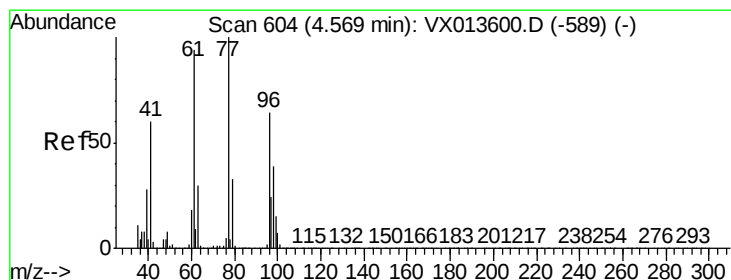
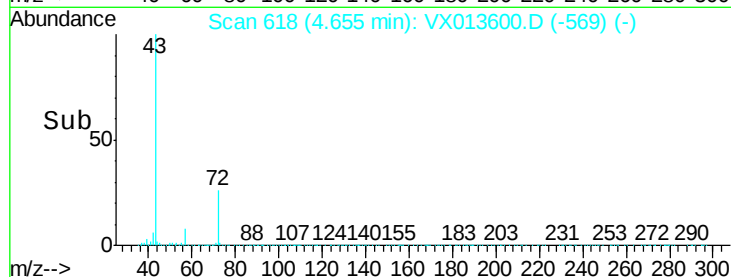
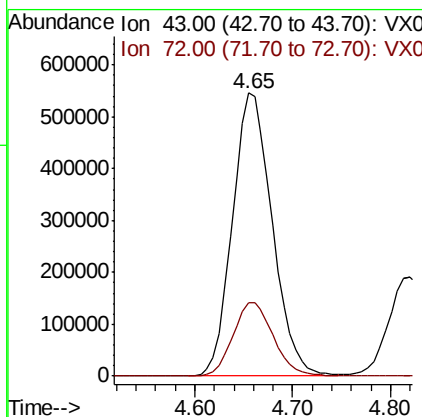
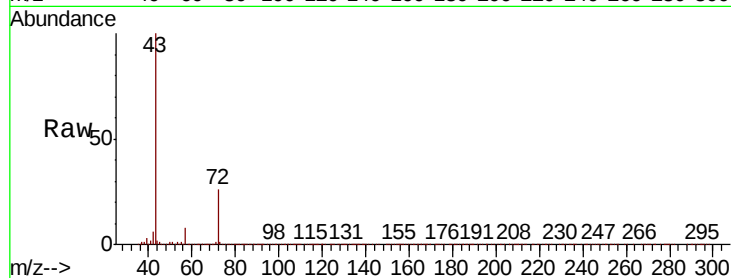
#25
2-Butanone
Concen: 249.802 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1533423
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0

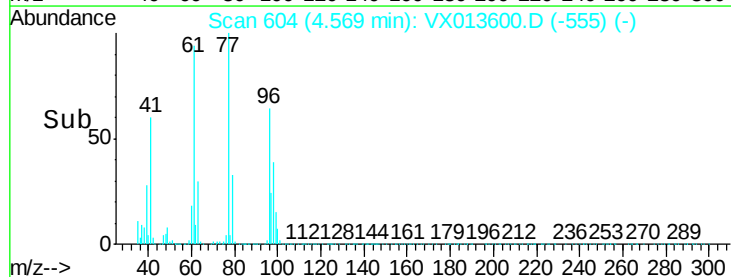
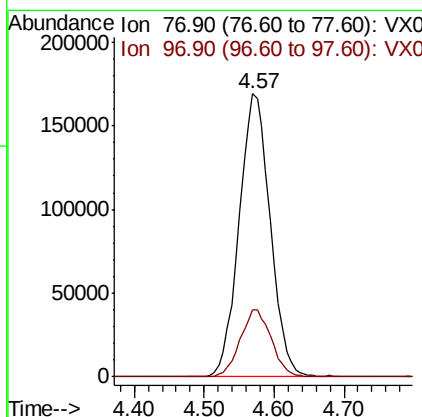
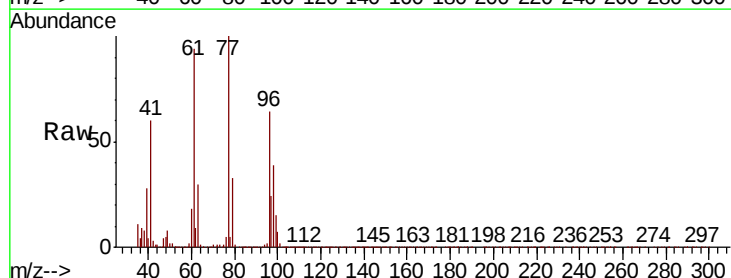
Manual Integrations
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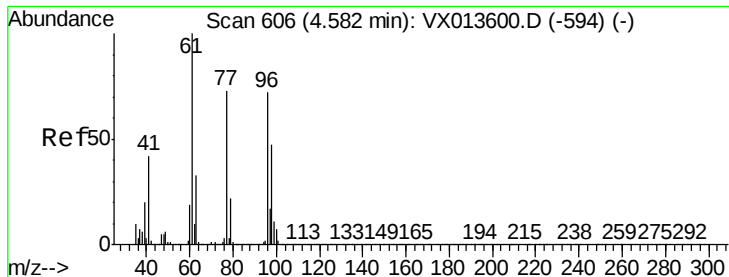
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#26
2,2-Dichloropropane
Concen: 50.773 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion: 77 Resp: 520724
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27

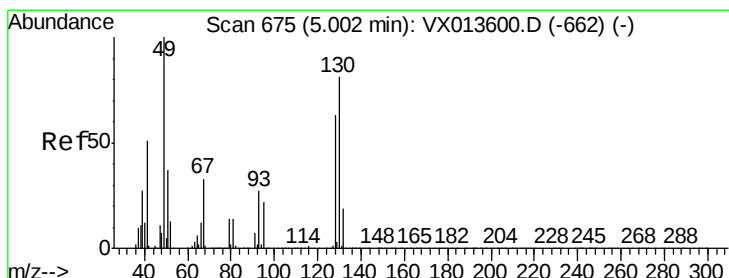
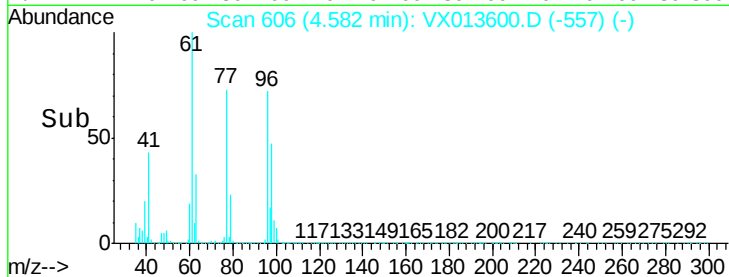
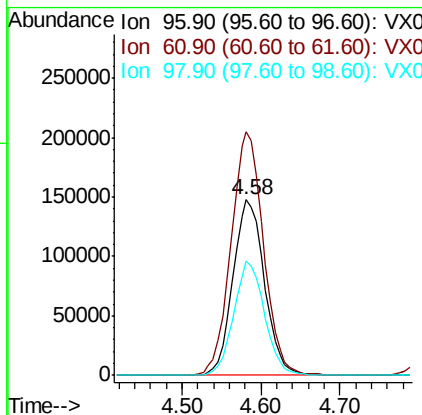
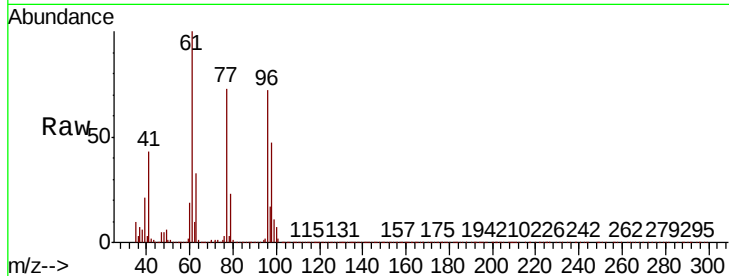
cis-1,2-Dichloroethene
Concen: 51.072 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	286.4
98	63.7	0.0	127.4

Manual Integrations
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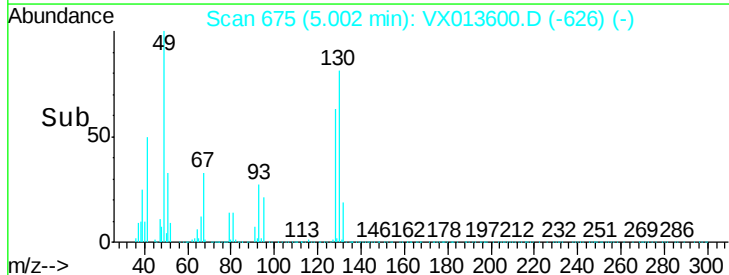
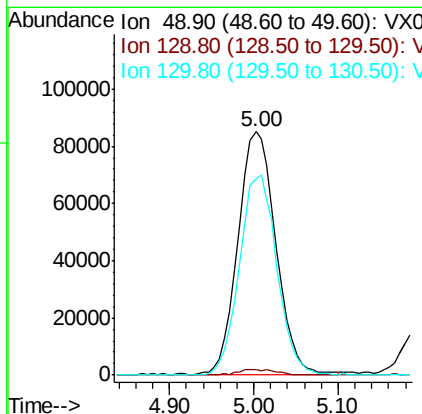
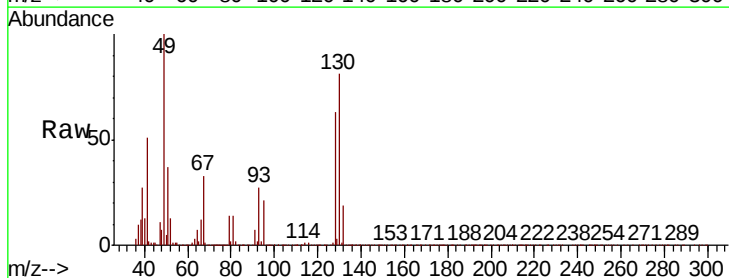
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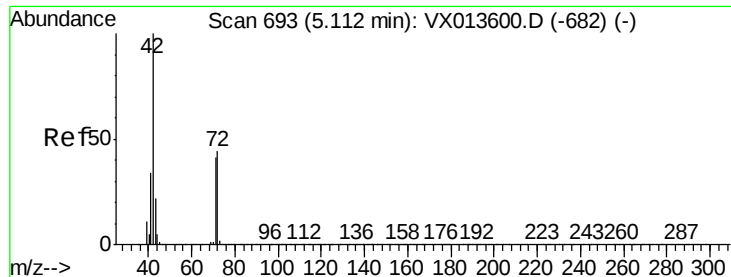


#28

Bromochloromethane
Concen: 66.132 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	81.7	65.4	98.0





#29

Tetrahydrofuran

Concen: 252.586 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

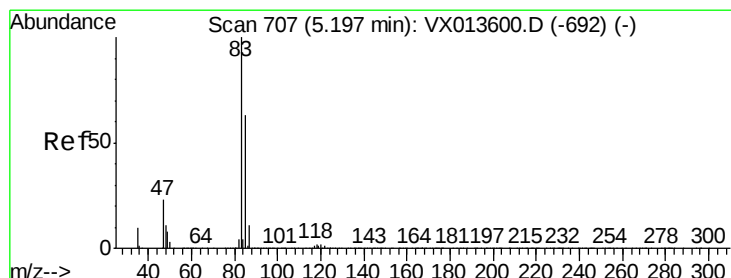
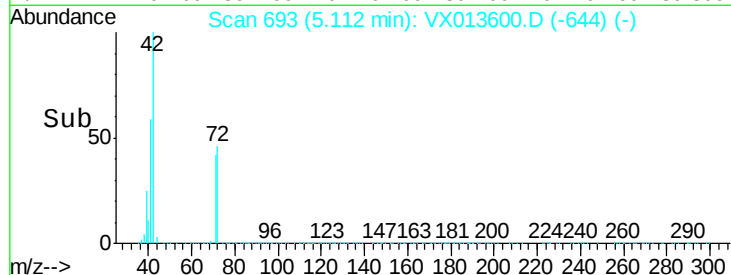
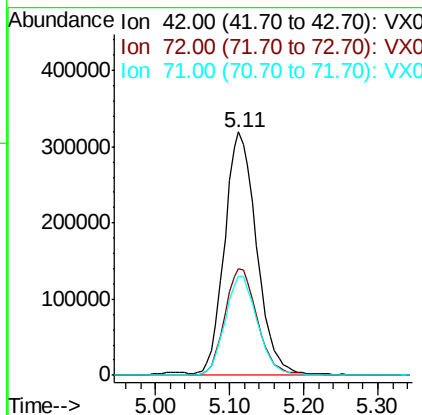
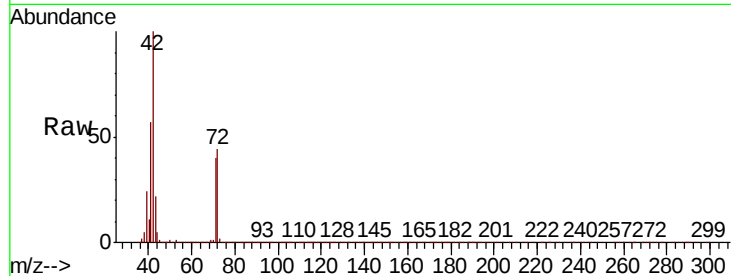
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	953282
Ion Ratio		Lower	Upper
42	100		
72	45.4	36.3	54.5
71	41.5	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 49.591 ug/l

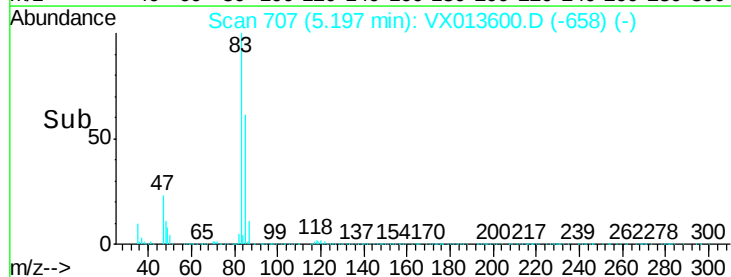
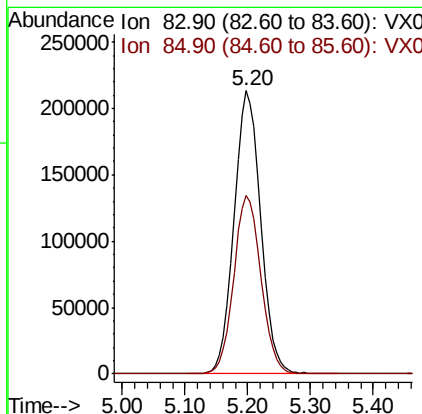
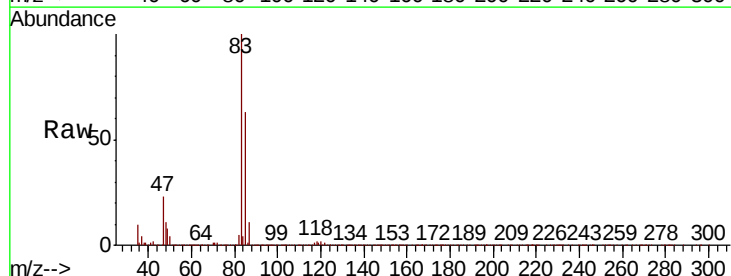
RT: 5.20 min Scan# 707

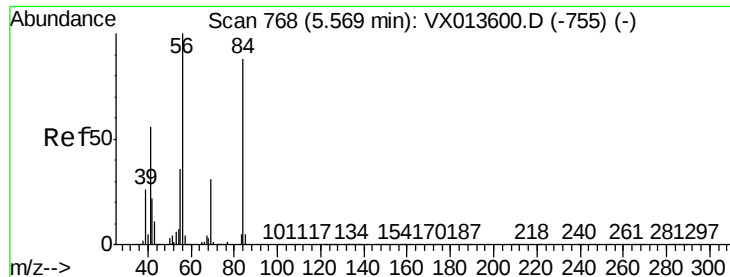
Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion:	83	Resp:	627897
Ion Ratio		Lower	Upper
83	100		
85	62.8	50.2	75.4





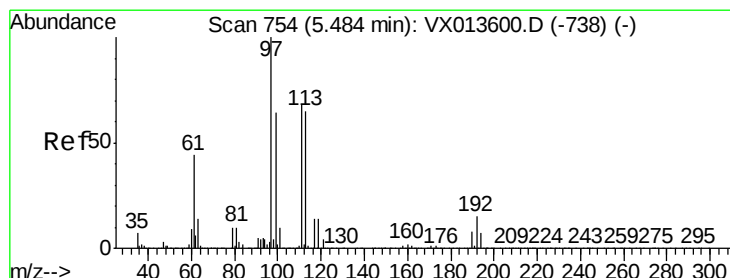
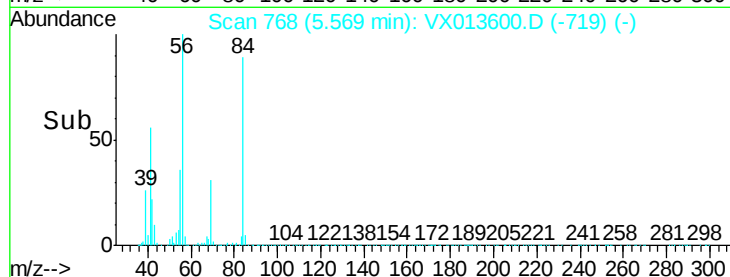
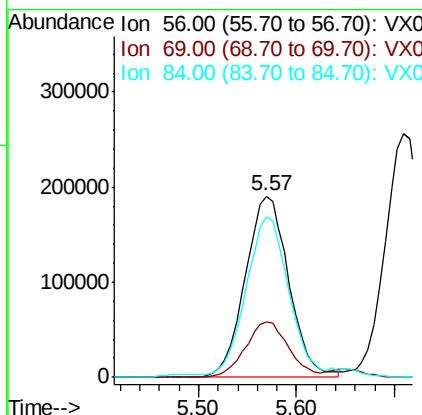
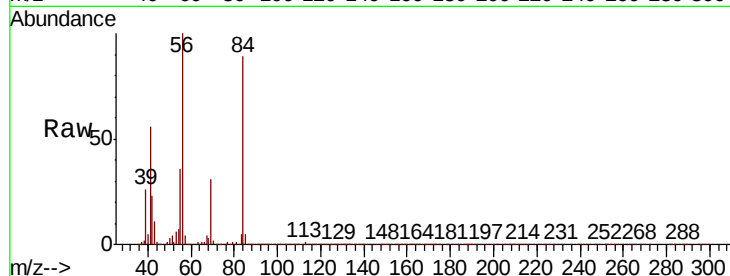
#31
Cyclohexane
Concen: 50.449 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	87.5	70.0	105.0

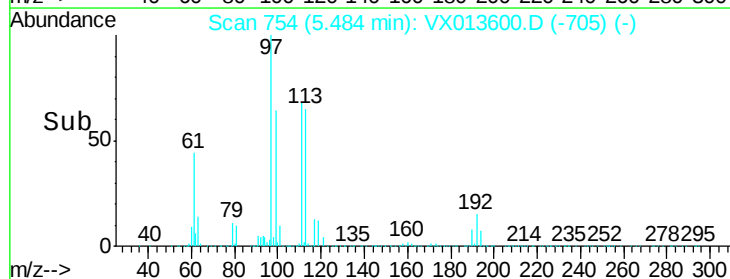
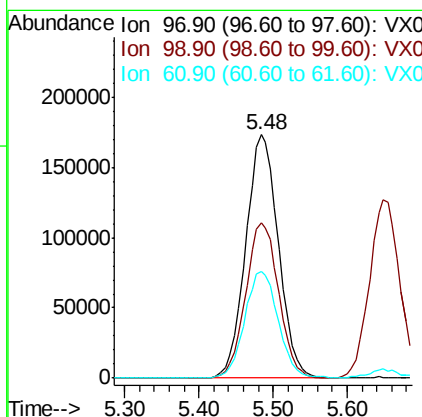
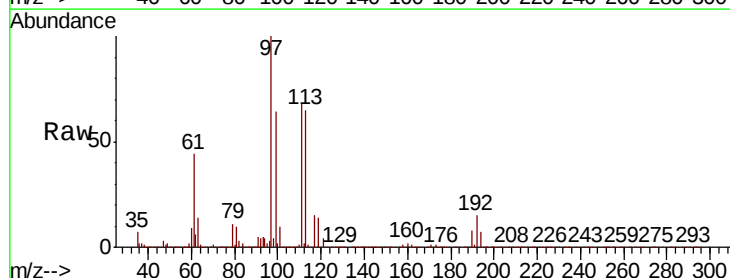
Manual Integrations
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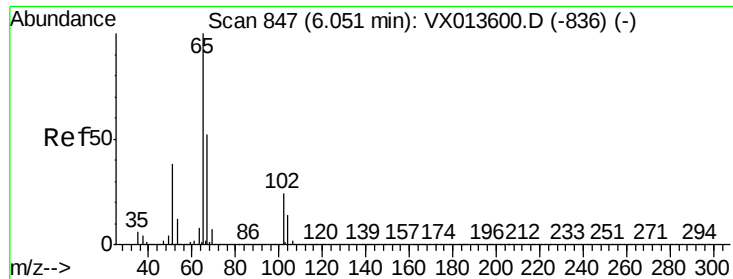
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#32
1,1,1-Trichloroethane
Concen: 49.045 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	45.1	36.1	54.1





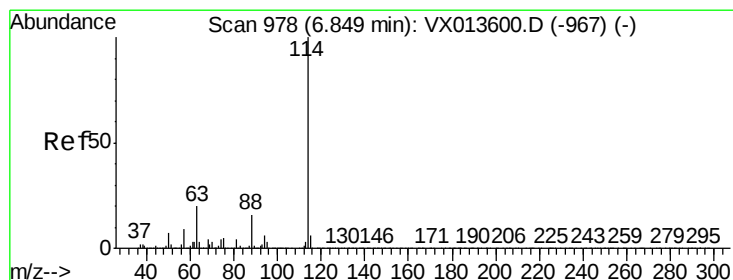
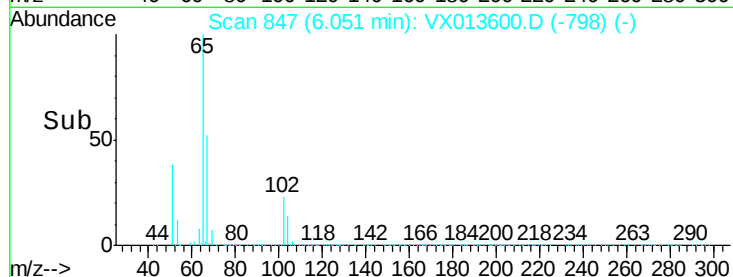
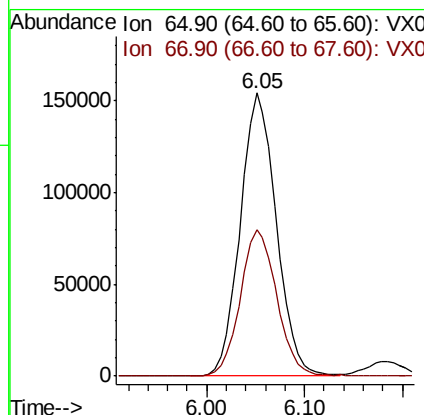
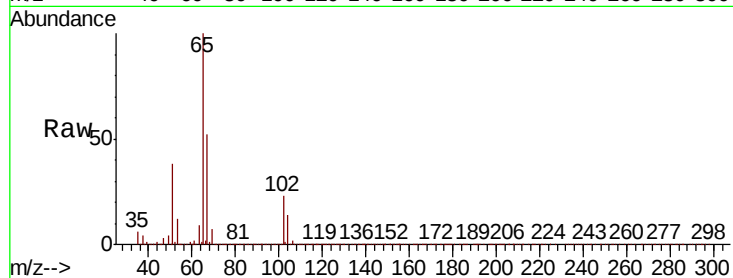
#33
 1,2-Dichloroethane-d4
 Concen: 46.941 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

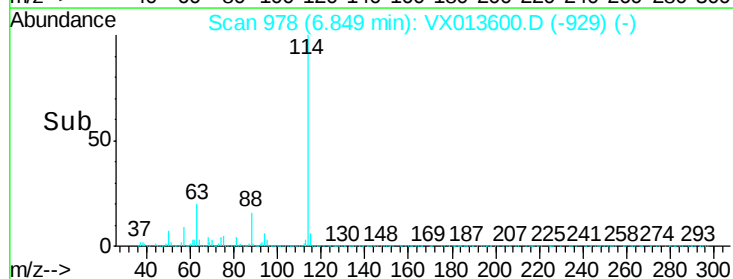
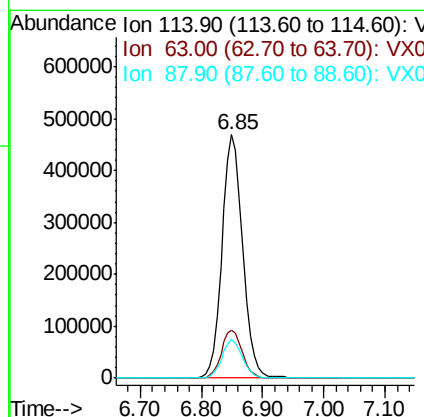
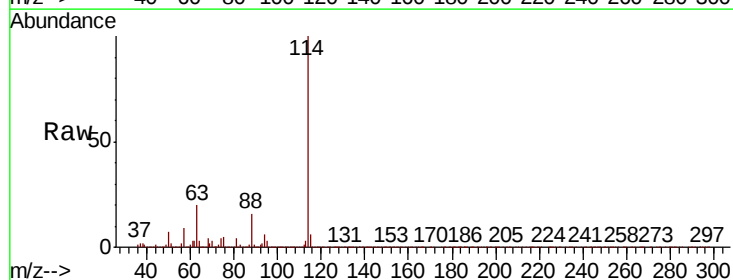
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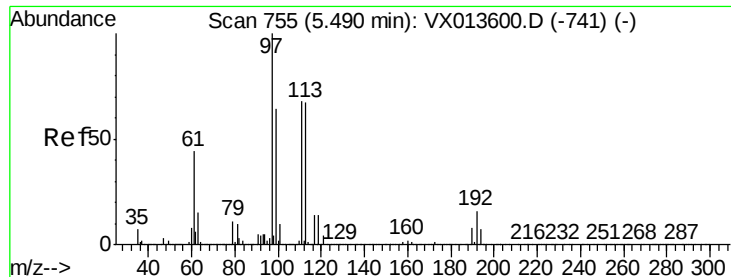
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.7	0.0	31.4





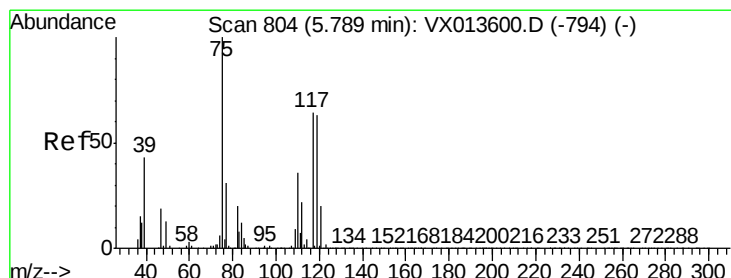
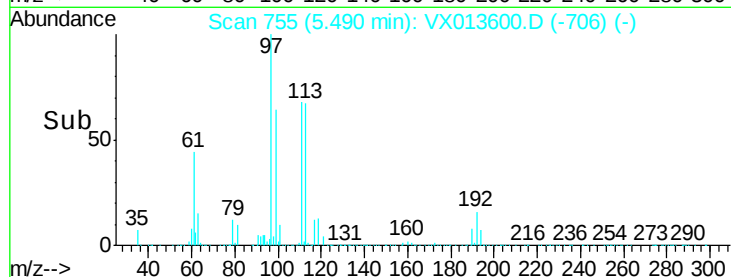
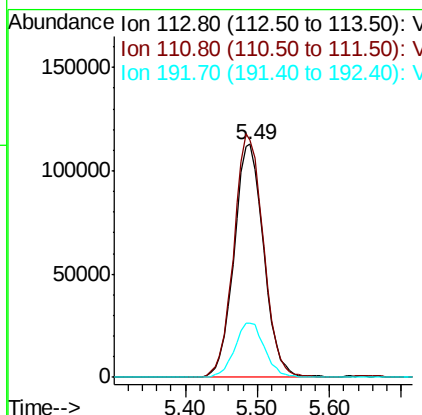
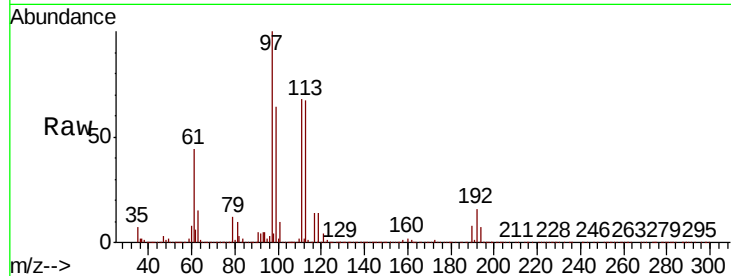
#35
 Dibromofluoromethane
 Concen: 47.241 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.6	125.4
192	24.0	19.2	28.8

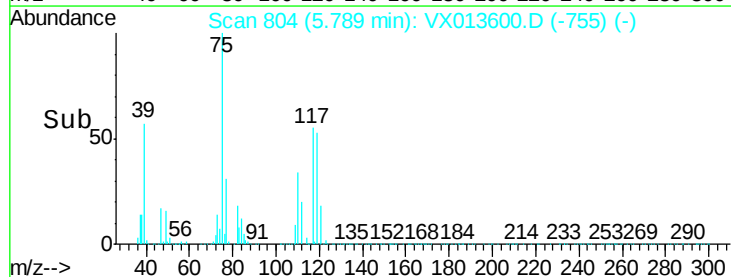
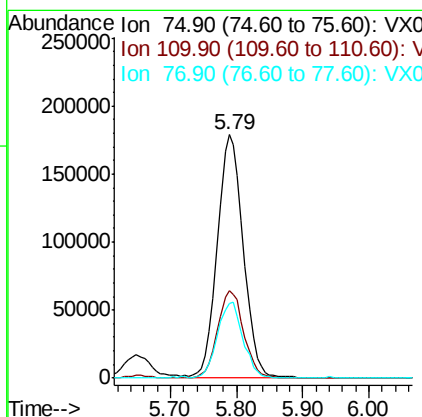
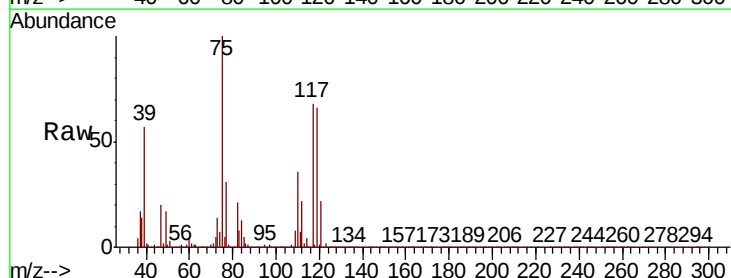
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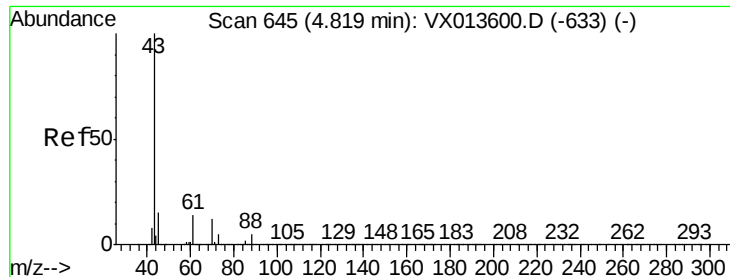
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#36
 1,1-Dichloropropene
 Concen: 51.386 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	30.6	24.5	36.7





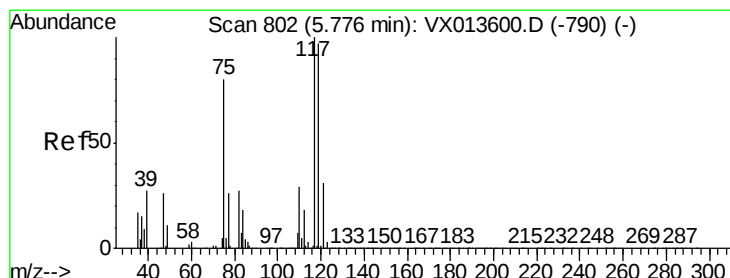
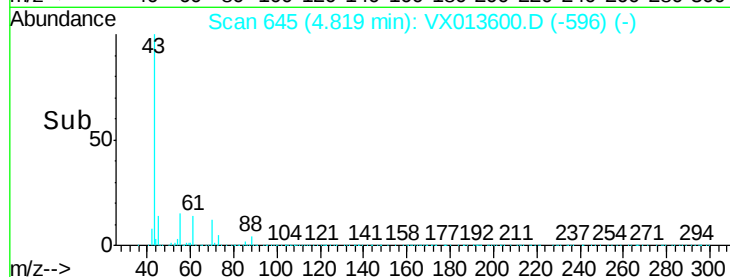
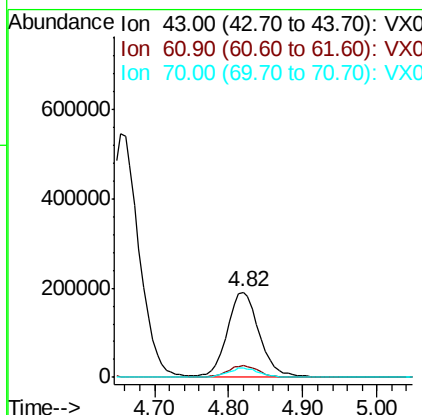
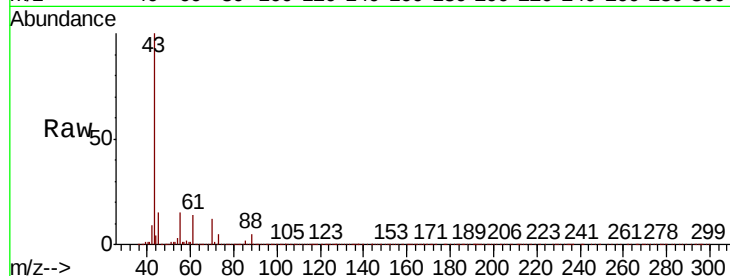
#37
Ethyl Acetate
Concen: 49.360 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.7	8.6	12.8

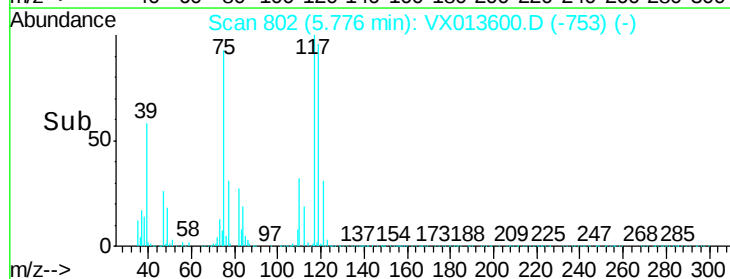
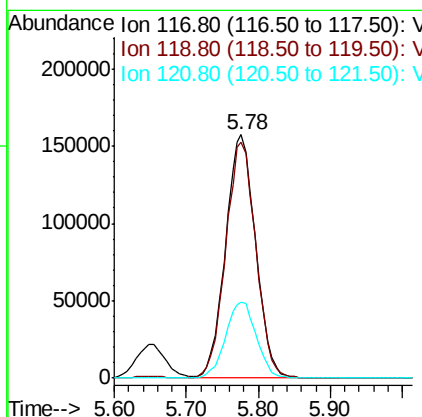
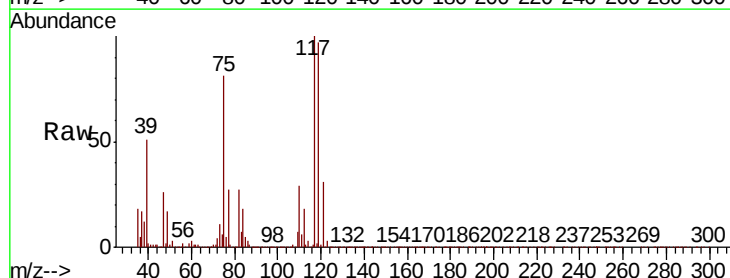
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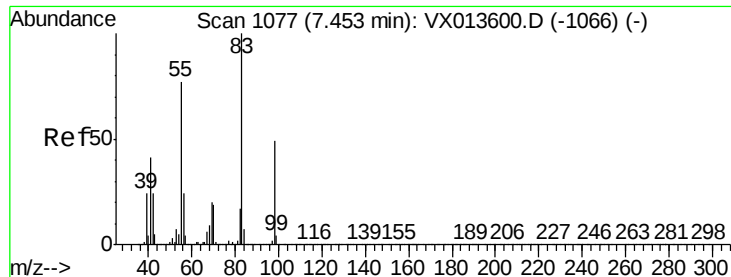
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#38
Carbon Tetrachloride
Concen: 50.042 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
121	31.3	25.0	37.6





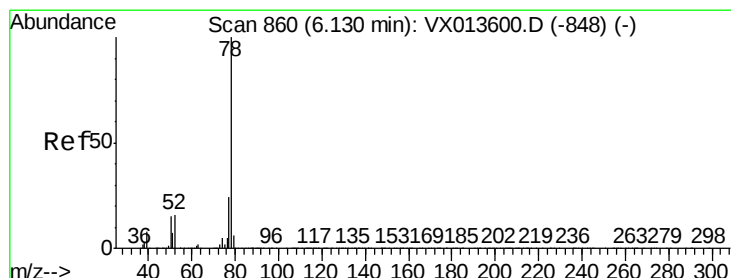
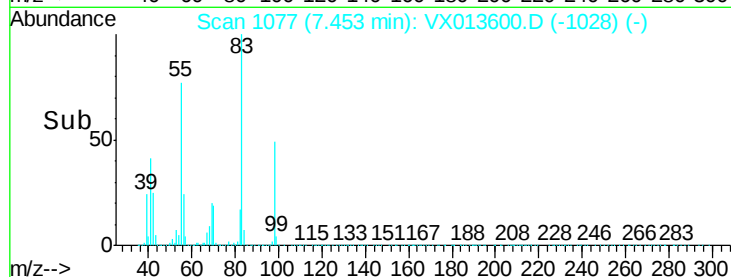
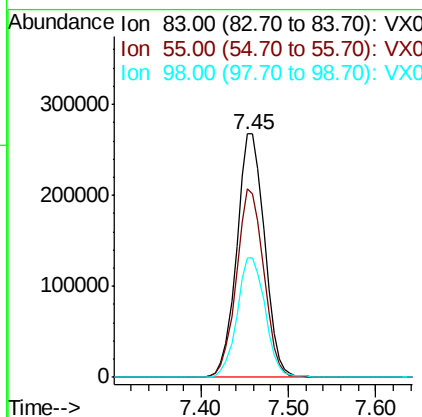
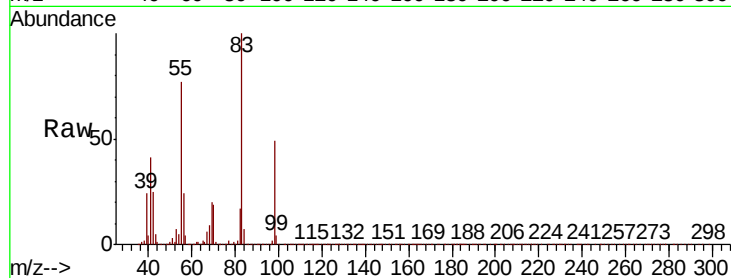
#39
Methvlcvclohexane
Concen: 50.468 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	49.2	39.4	59.0

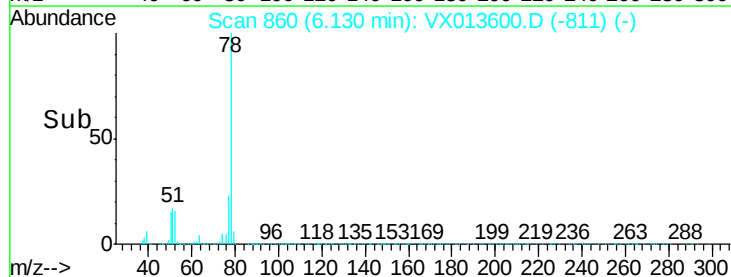
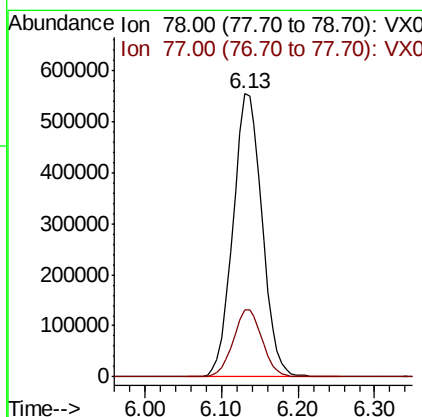
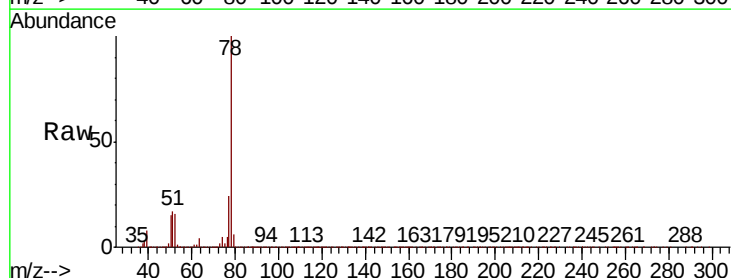
Manual Integrations
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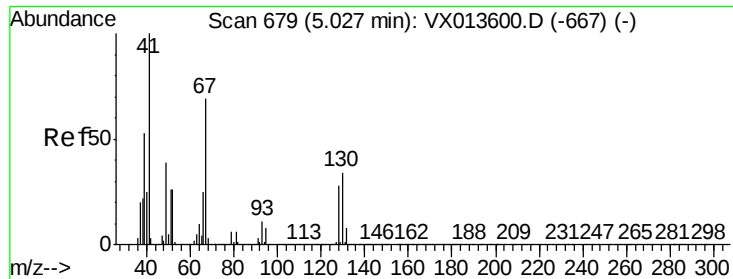
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#40
Benzene
Concen: 49.923 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





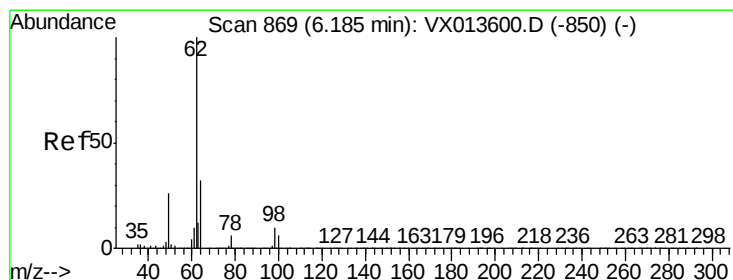
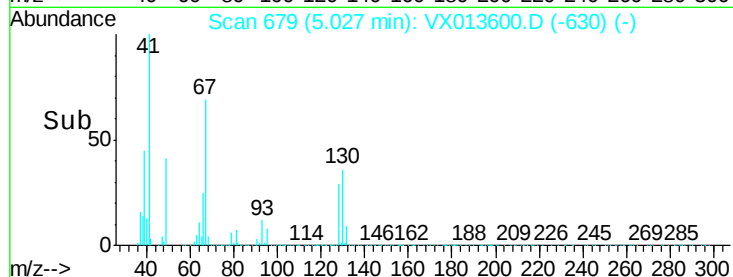
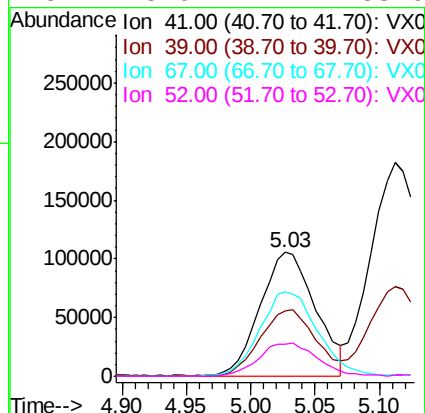
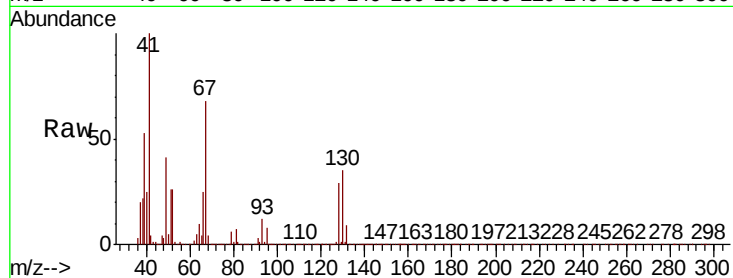
#41
Methacrylonitrile
Concen: 48.702 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.6	42.9	64.3		
67	71.7	57.4	86.0		
52	28.0	22.4	33.6		

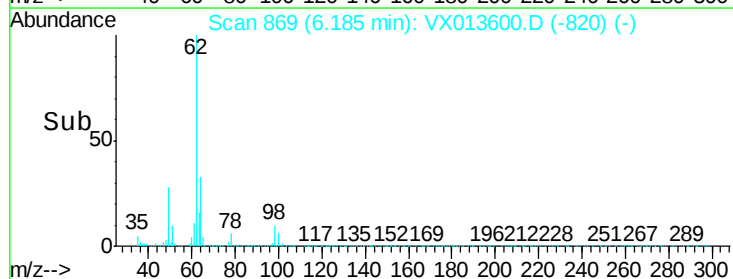
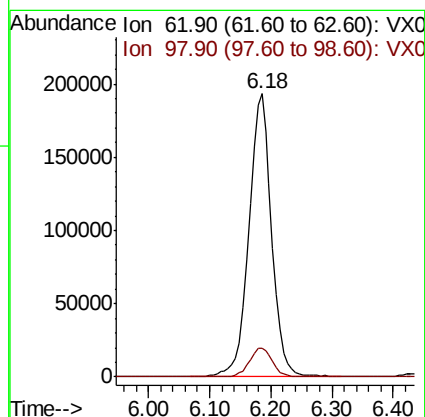
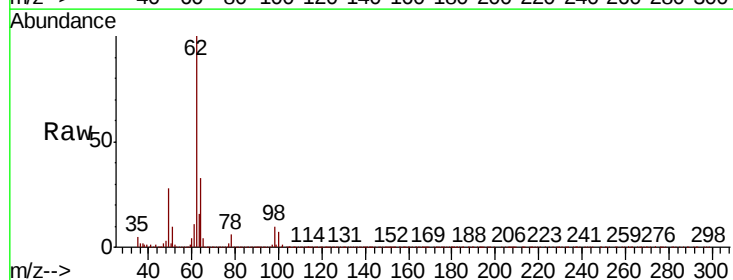
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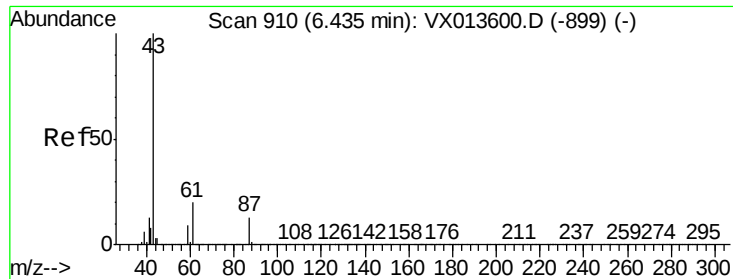
apatel
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#42
1,2-Dichloroethane
Concen: 48.053 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.4	0.0	20.8		





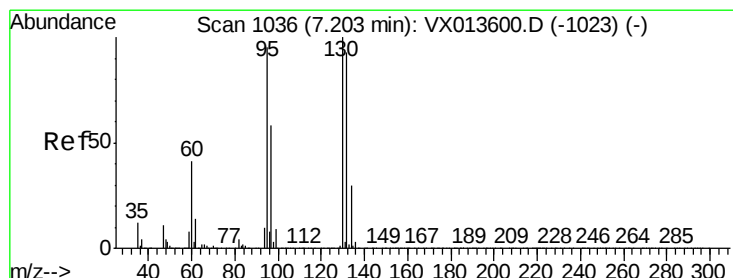
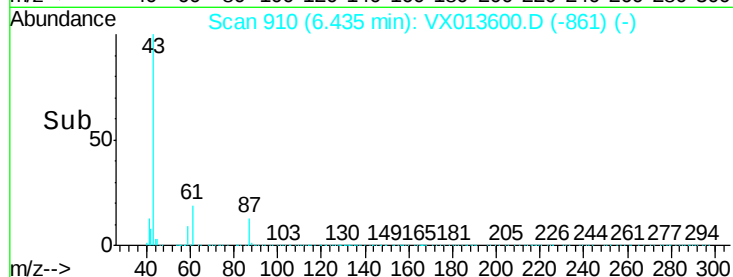
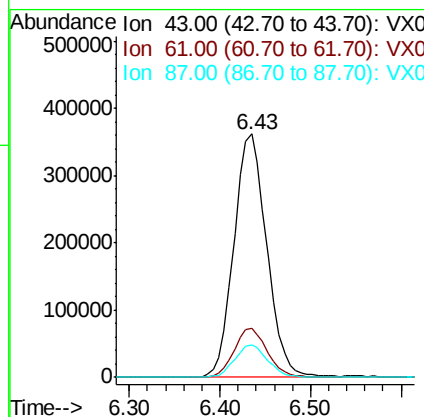
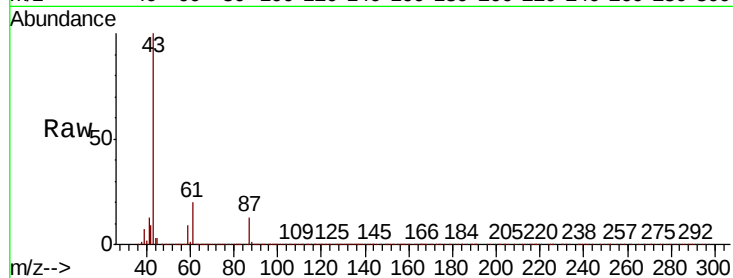
#43
Isopropyl Acetate
Concen: 50.620 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	43	Resp:	908463
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.5	10.8	16.2

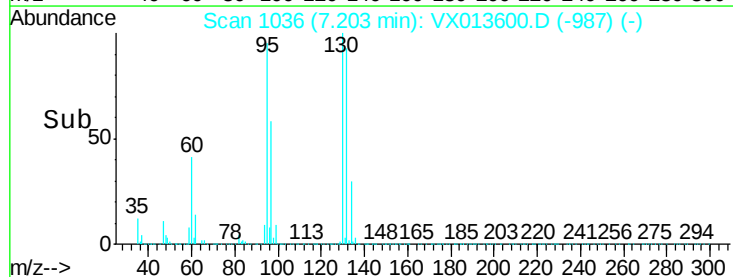
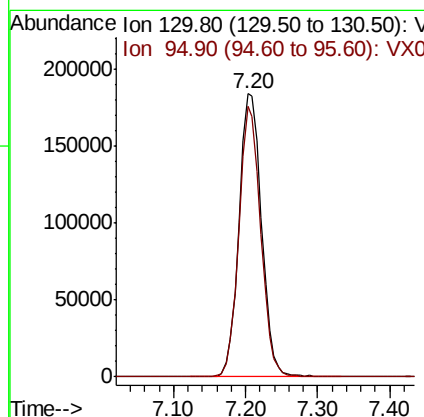
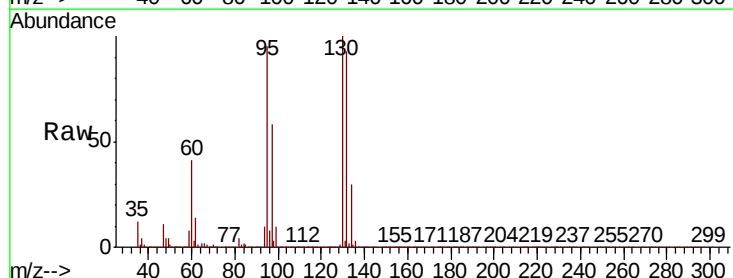
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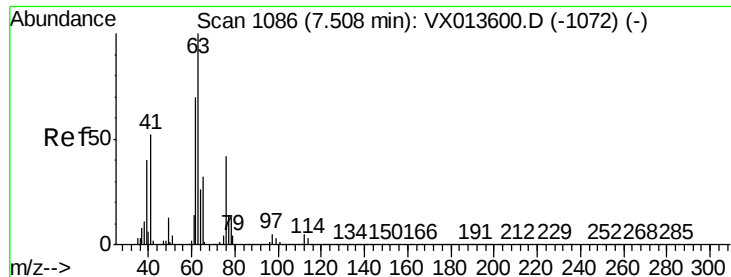
apatel
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#44
Trichloroethene
Concen: 49.592 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion:	130	Resp:	399797
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.985 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 371749

Ion Ratio Lower Upper

63 100

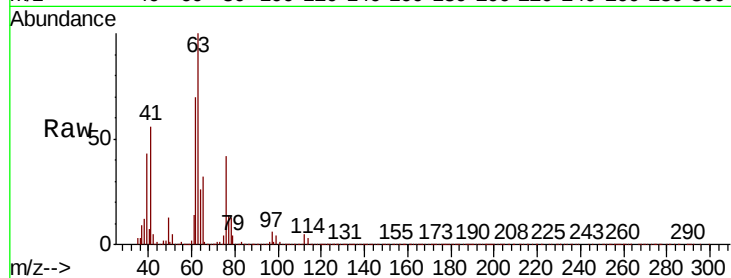
65 31.9 25.5 38.3

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

200000

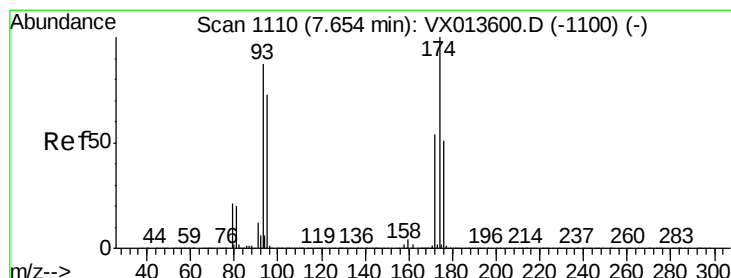
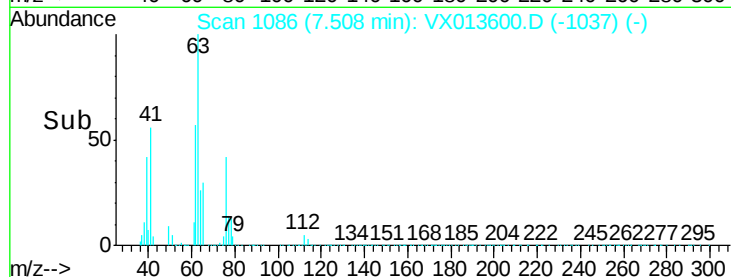
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.608 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

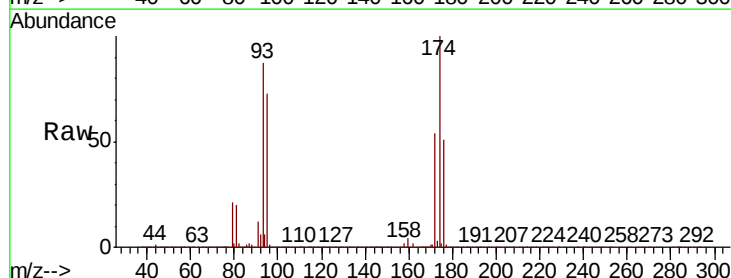
Tgt Ion: 93 Resp: 245652

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 116.7 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

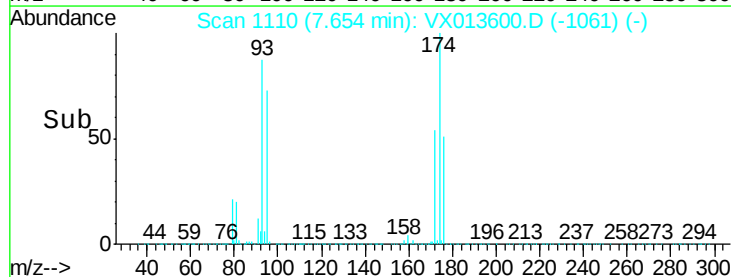
150000

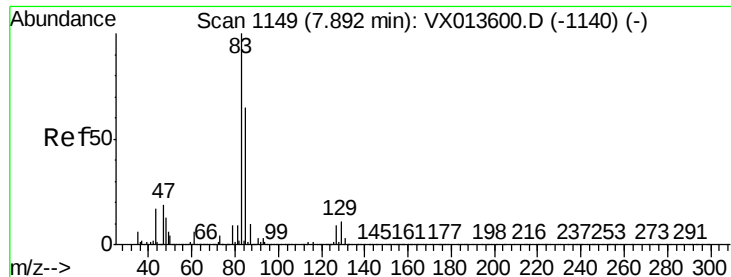
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.801 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

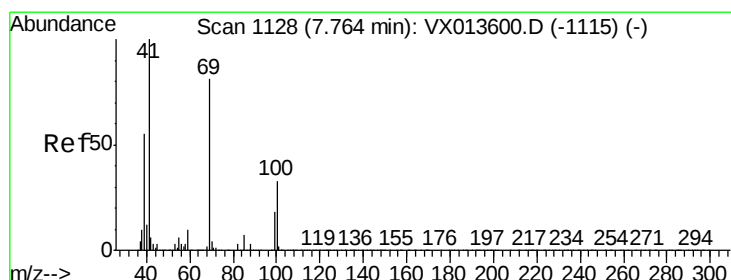
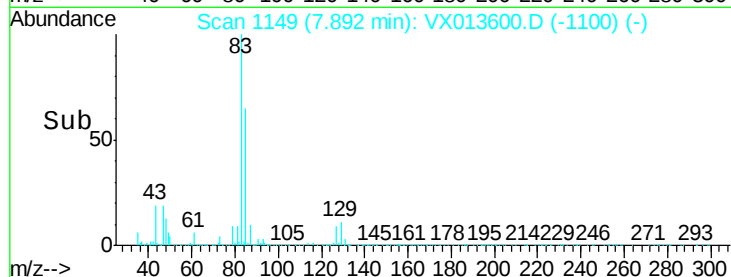
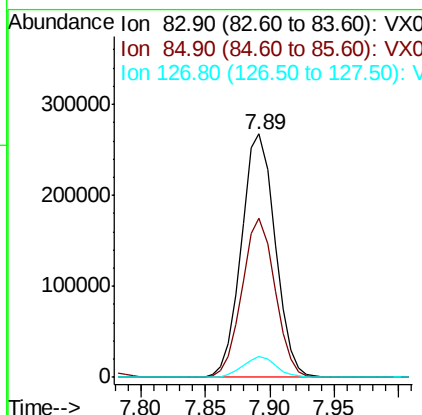
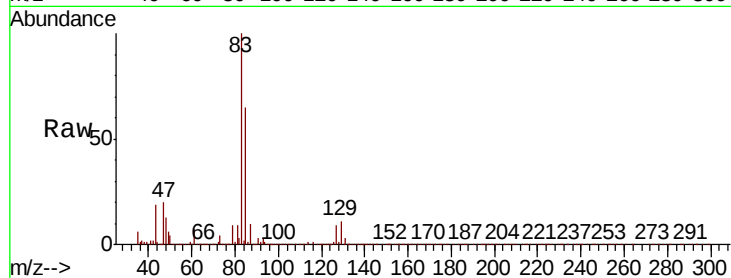
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	485015
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.1	78.1
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.063 ug/l

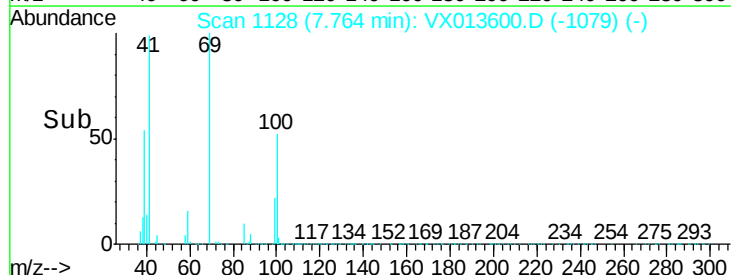
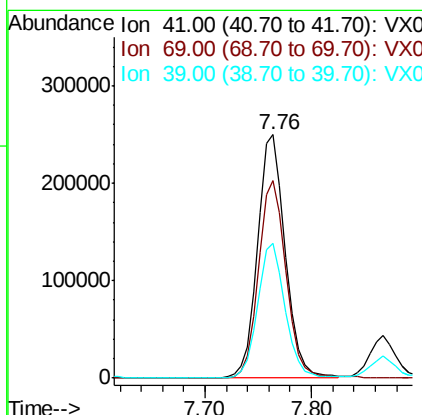
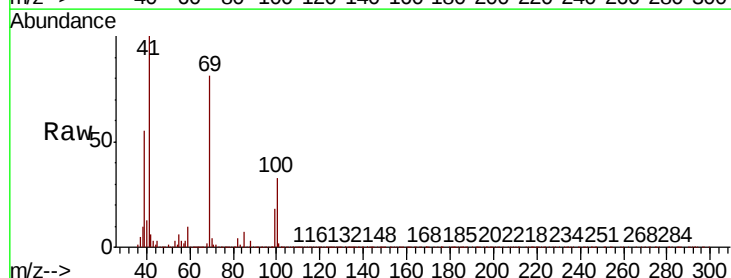
RT: 7.76 min Scan# 1128

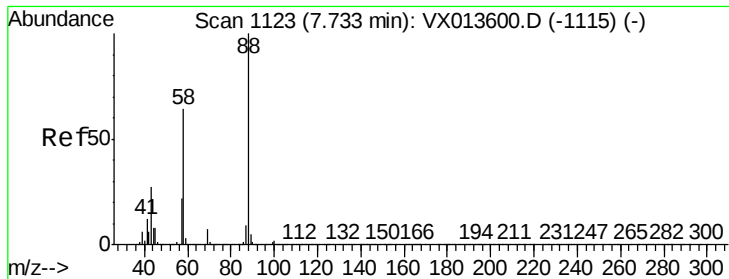
Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion:	41	Resp:	455734
Ion Ratio	Lower	Upper	
41	100		
69	80.9	64.7	97.1
39	54.7	43.8	65.6





#49

1,4-Dioxane

Concen: 963.901 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

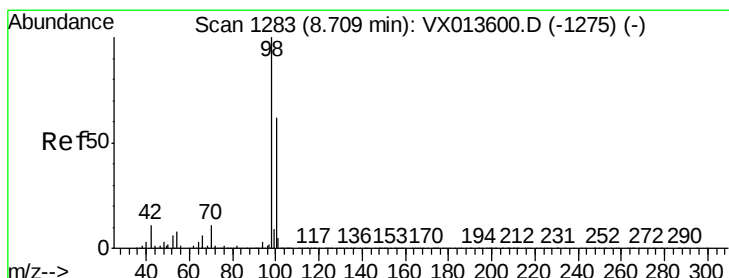
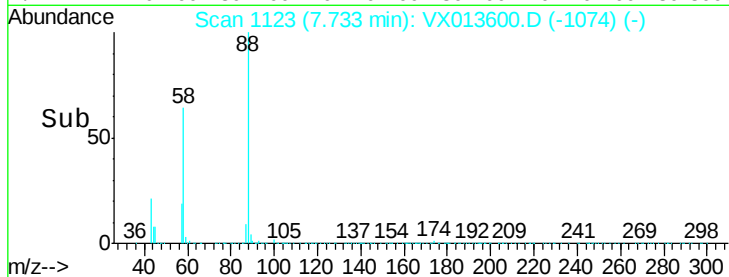
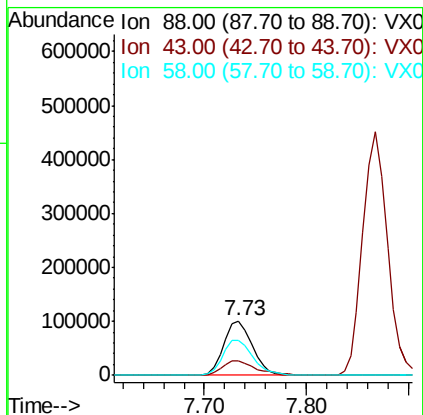
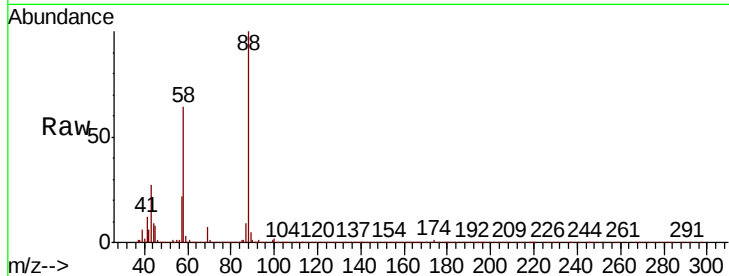
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	196486
Ion Ratio	Lower	Upper	
88	100		
43	32.2	25.8	38.6
58	68.3	54.6	82.0

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#50

Toluene-d8

Concen: 48.579 ug/l

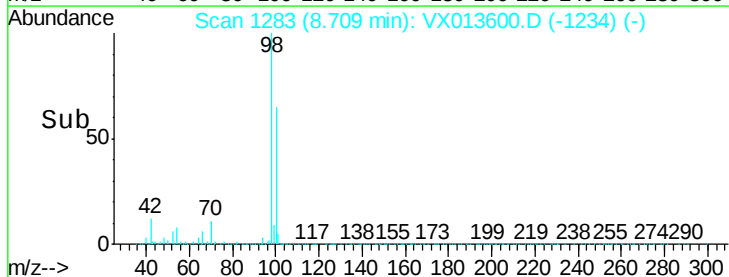
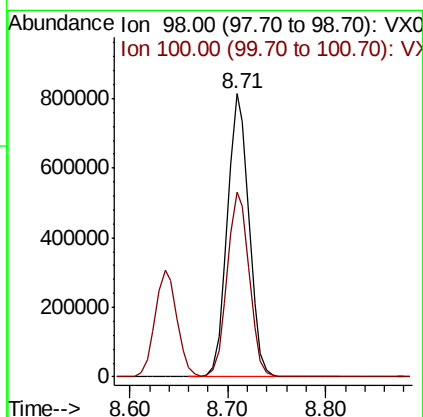
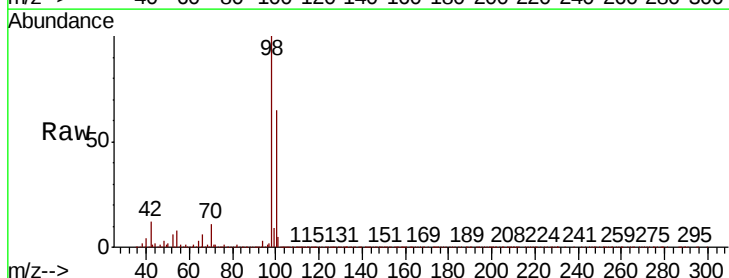
RT: 8.71 min Scan# 1283

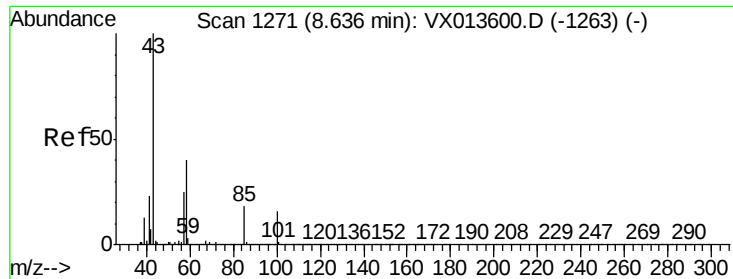
Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion:	98	Resp:	1247472
Ion Ratio	Lower	Upper	
98	100		
100	66.4	53.1	79.7





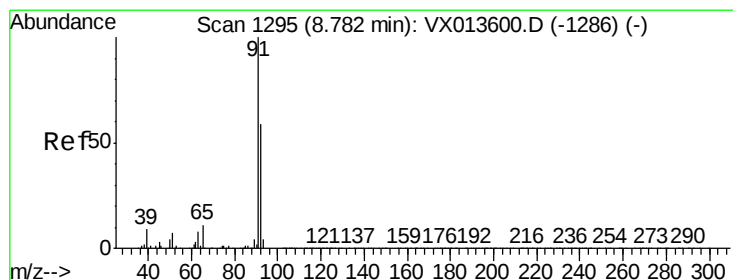
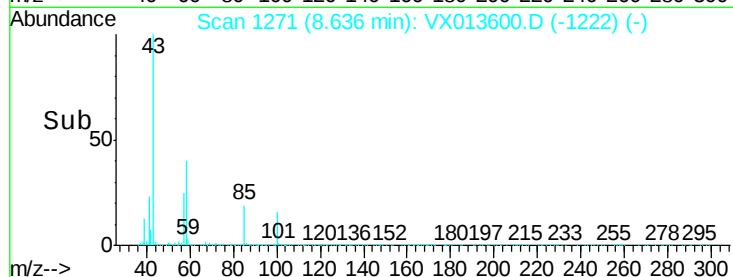
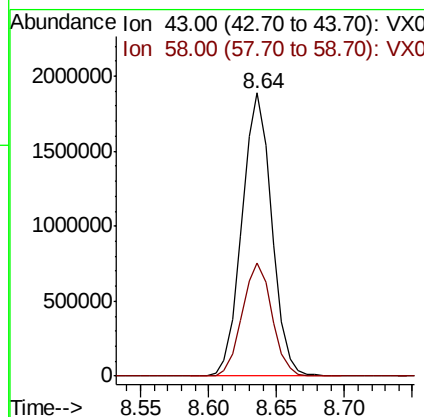
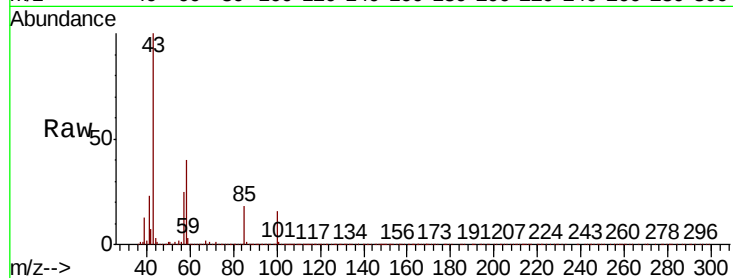
#51
4-Methyl-2-Pentanone
Concen: 246.526 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2885155
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1

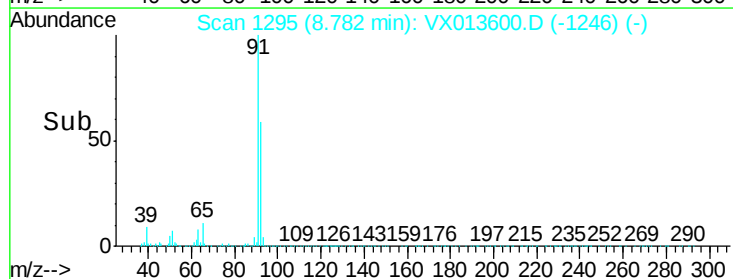
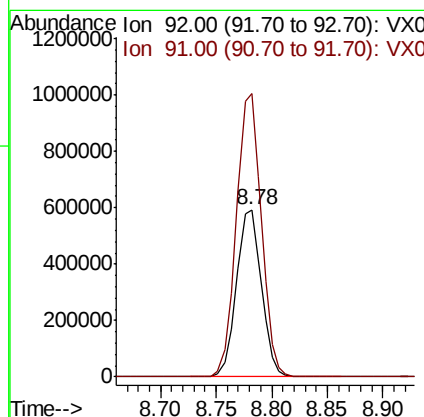
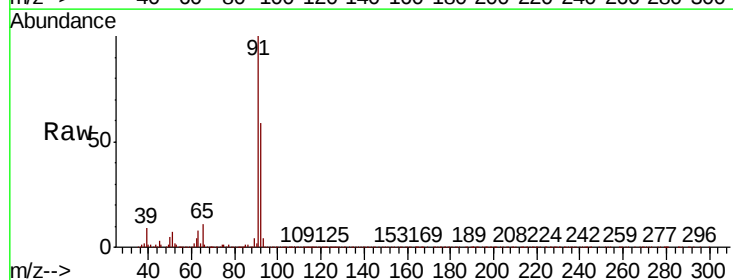
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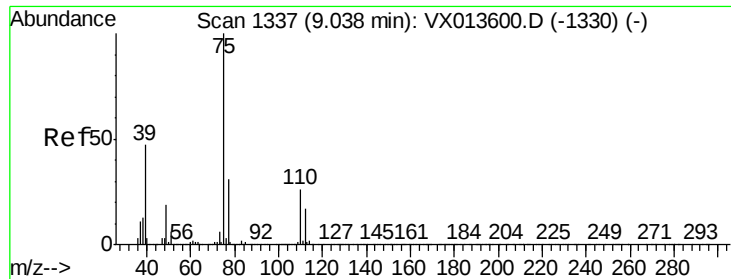
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#52
Toluene
Concen: 50.644 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion: 92 Resp: 918004
Ion Ratio Lower Upper
92 100
91 170.2 136.2 204.2





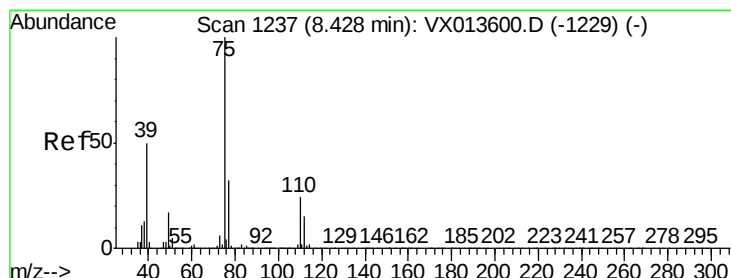
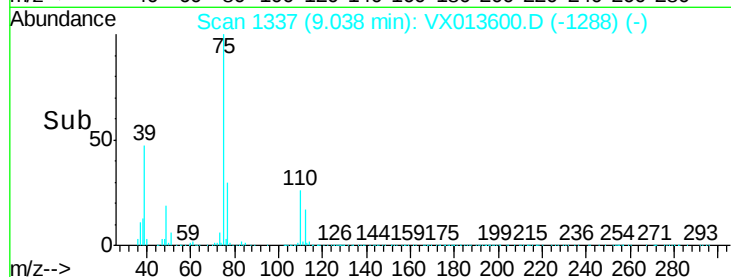
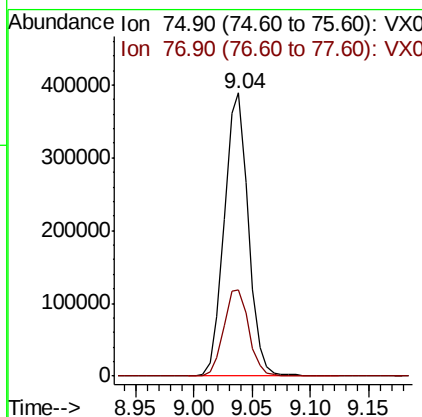
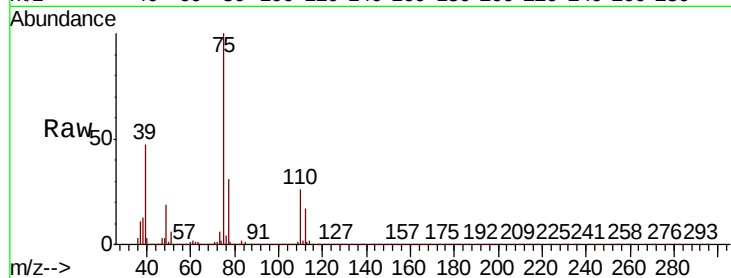
#53
t-1,3-Dichloropropene
Concen: 53.086 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.4	36.6

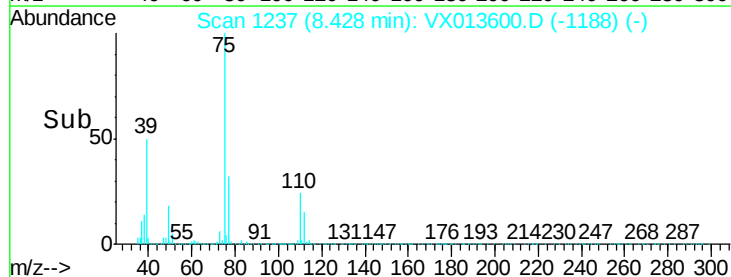
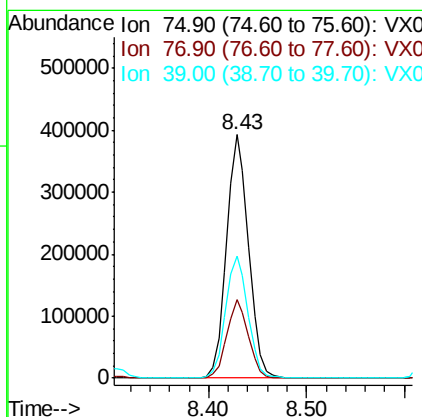
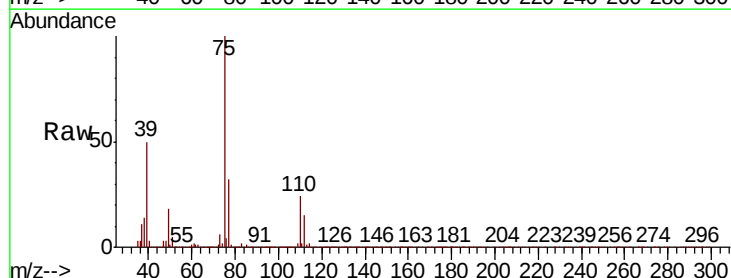
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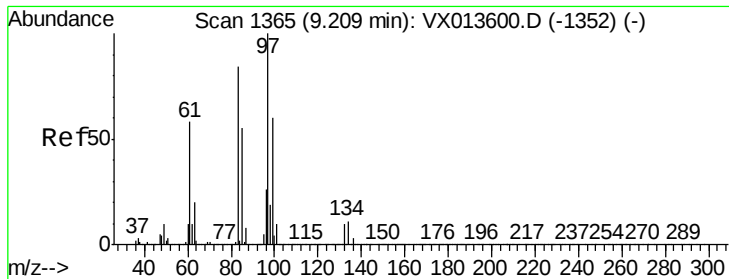
apatel
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#54
cis-1,3-Dichloropropene
Concen: 52.100 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	49.9	39.9	59.9





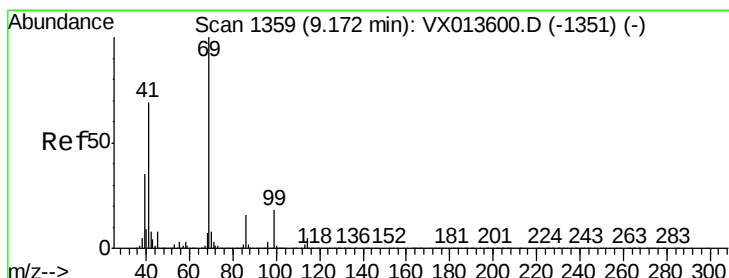
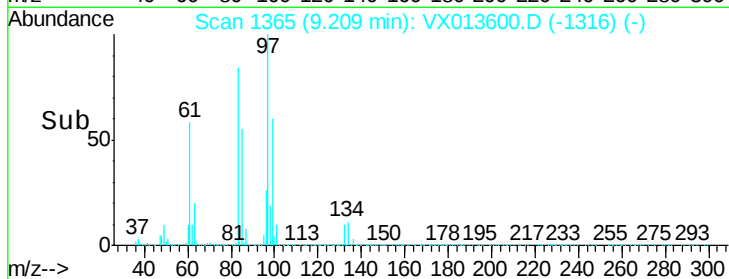
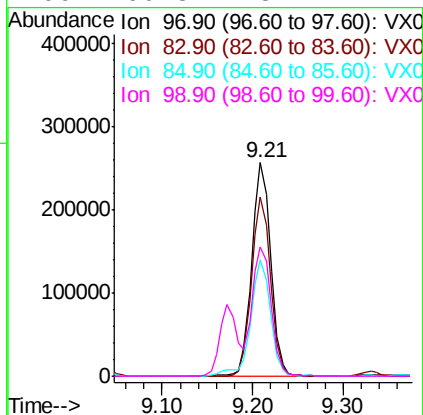
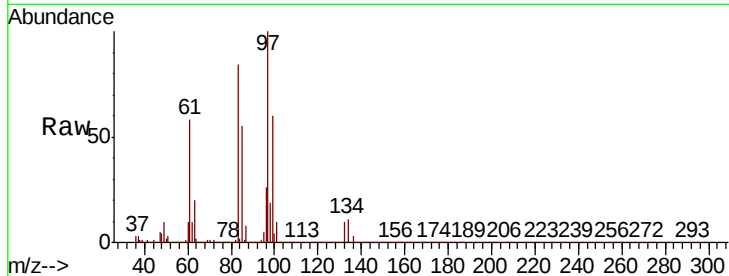
#55
 1,1,2-Trichloroethane
 Concen: 49.698 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.1	67.3	100.9		
85	54.5	43.6	65.4		
99	60.3	48.2	72.4		

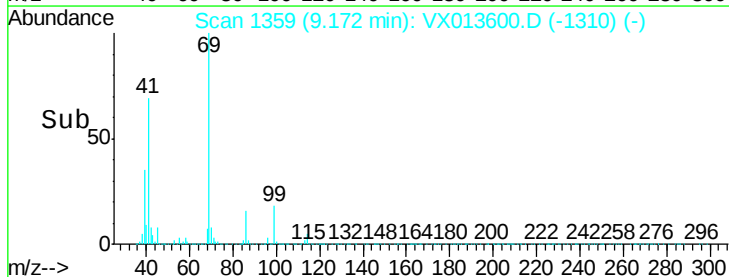
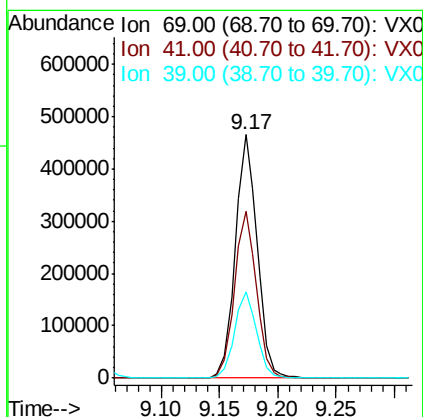
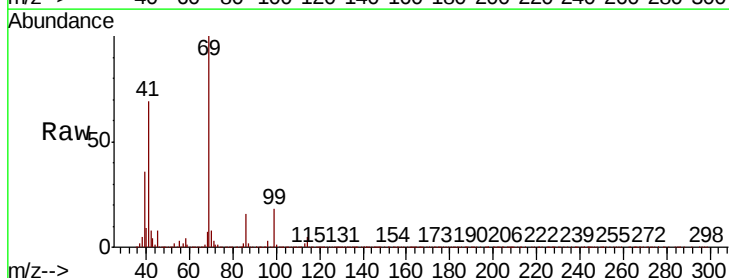
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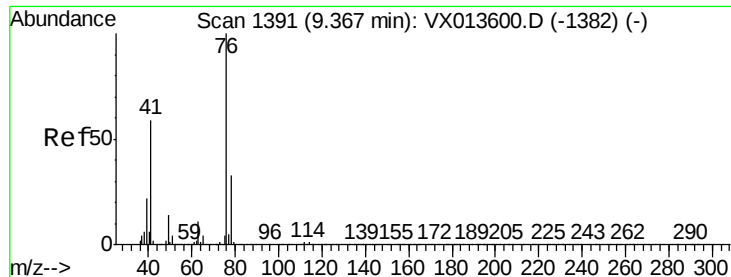
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#56
 Ethyl methacrylate
 Concen: 52.575 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.7	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.580 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 629748

Ion Ratio Lower Upper

76 100

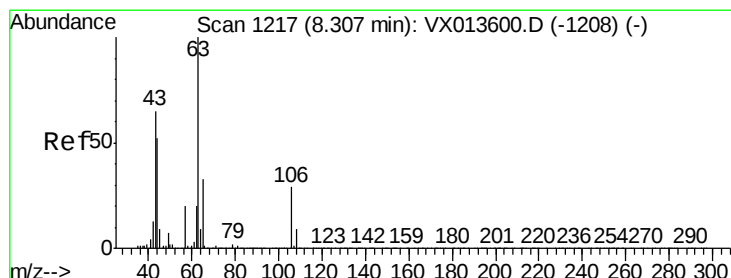
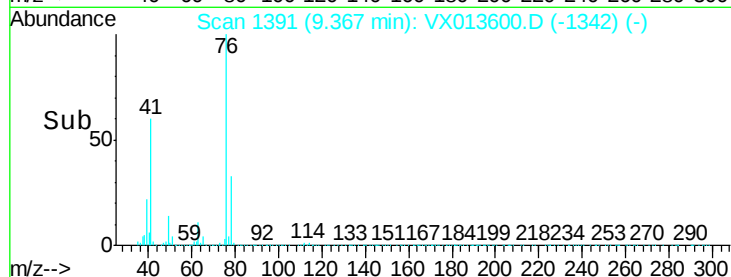
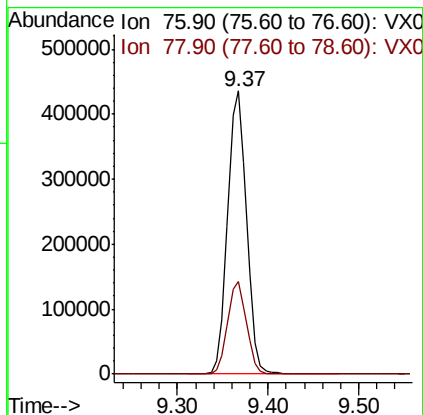
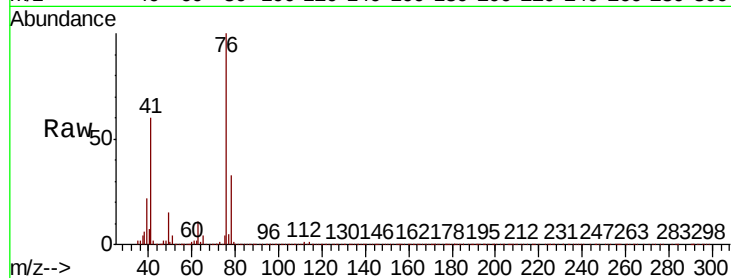
78 32.5 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 236.304 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013600.D

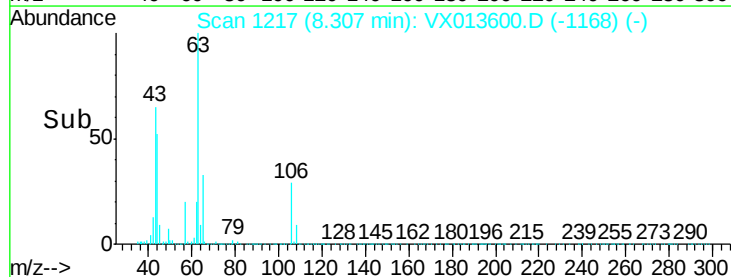
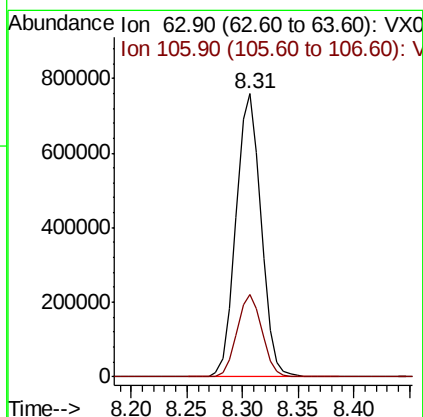
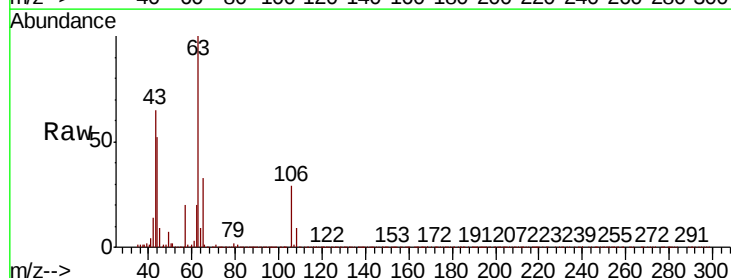
Acq: 26 Nov 2019 14:41

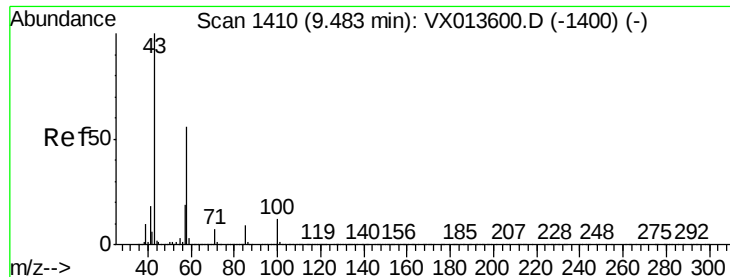
Tgt Ion: 63 Resp: 1182726

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





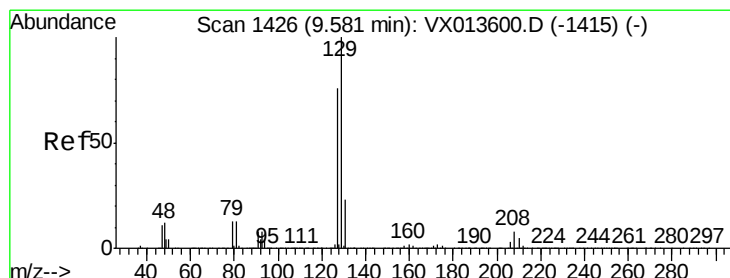
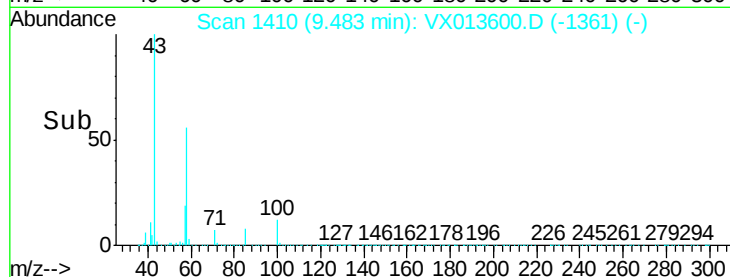
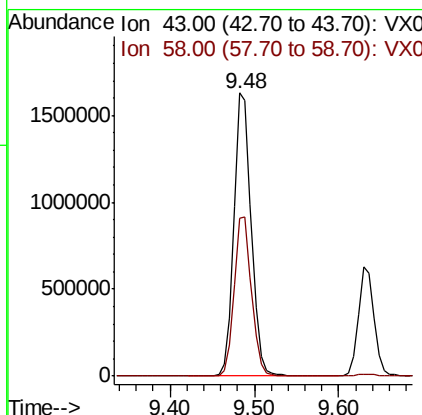
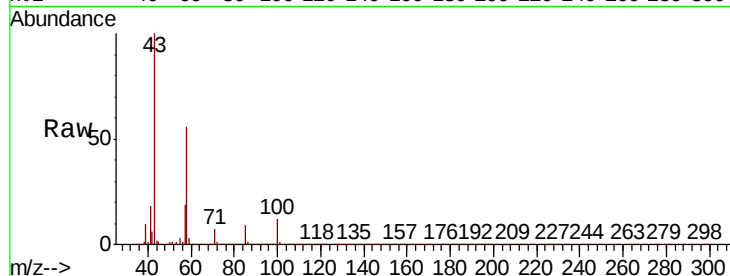
#59
2-Hexanone
Concen: 250.295 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2263036
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4

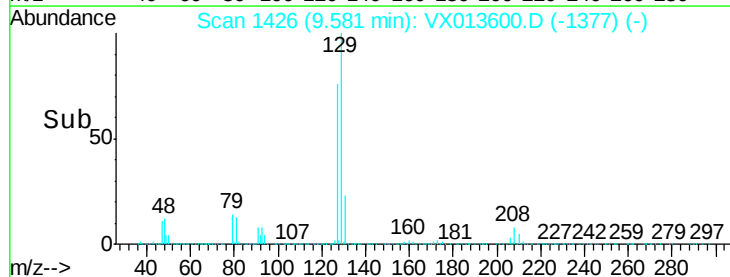
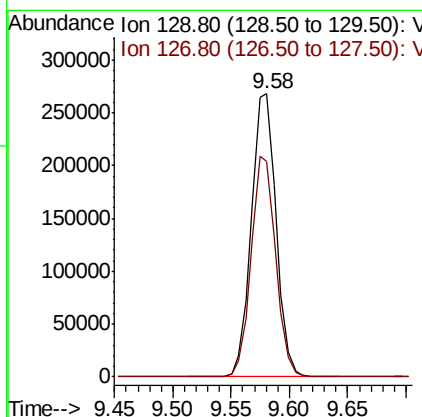
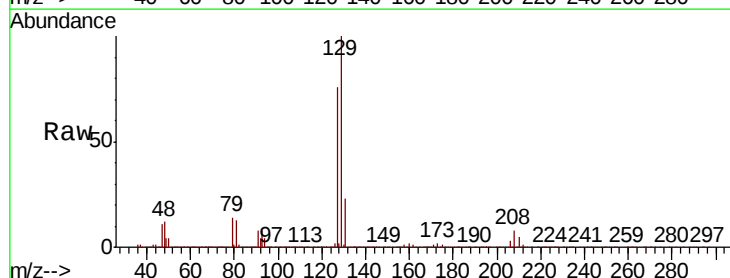
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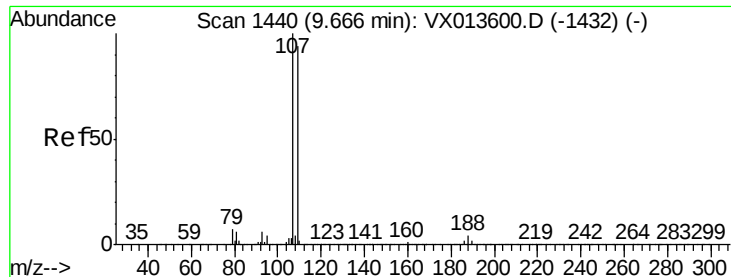
apatel
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#60
Dibromochloromethane
Concen: 52.059 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion: 129 Resp: 398494
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.577 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 392821

Ion Ratio Lower Upper

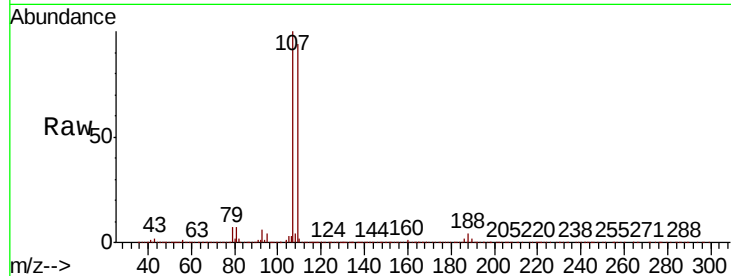
107 100

109 95.1 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

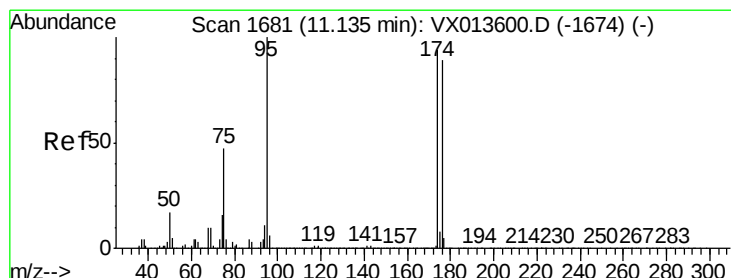
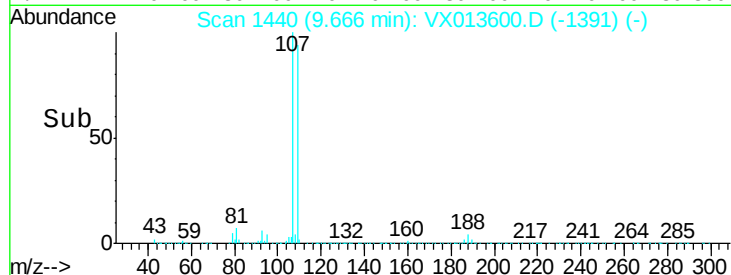
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.278 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

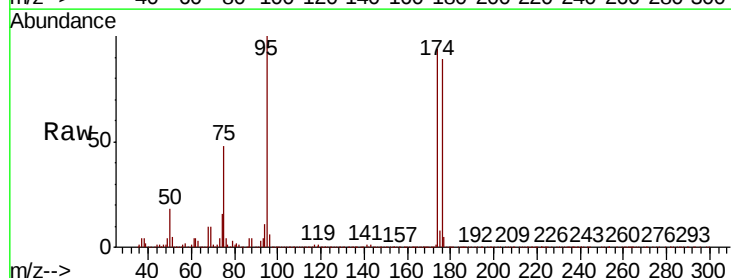
Tgt Ion: 95 Resp: 448440

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 86.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

400000

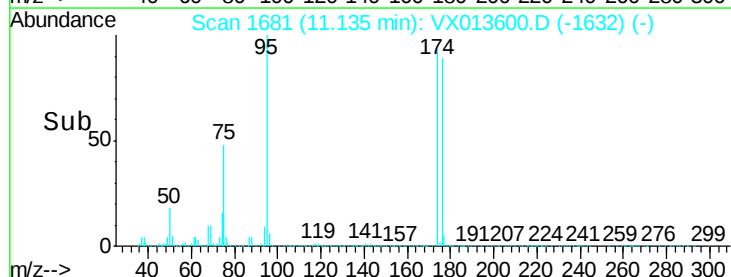
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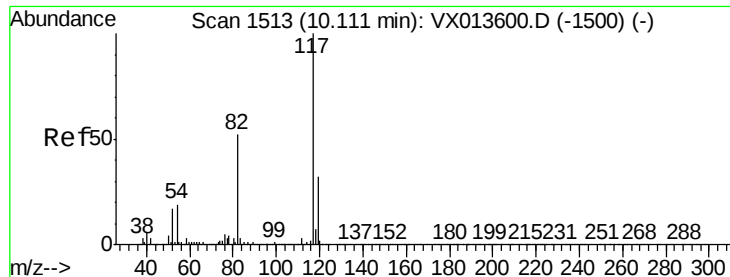
200000

100000

0

Time-->





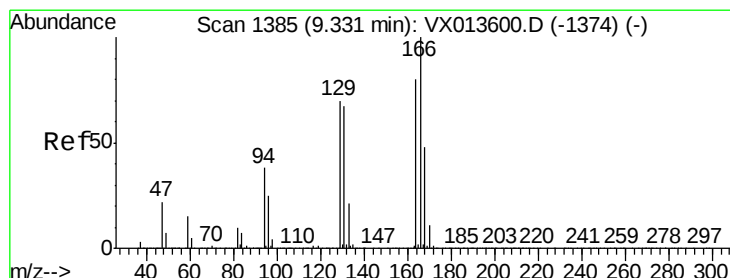
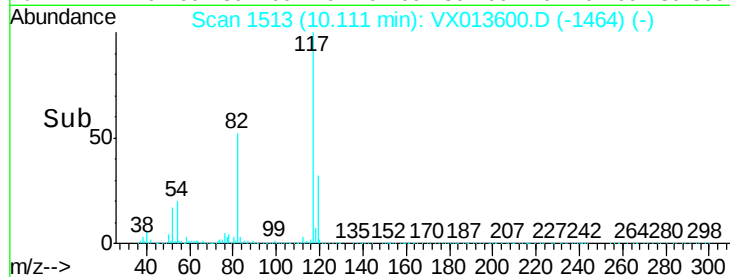
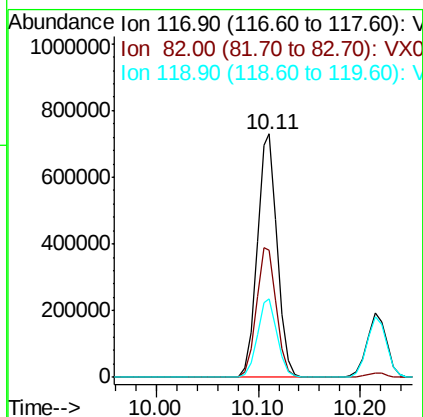
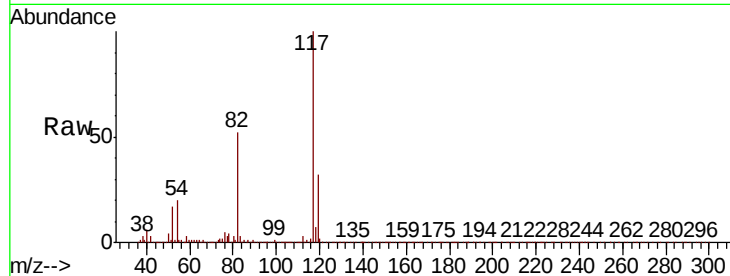
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.3	25.8	38.8

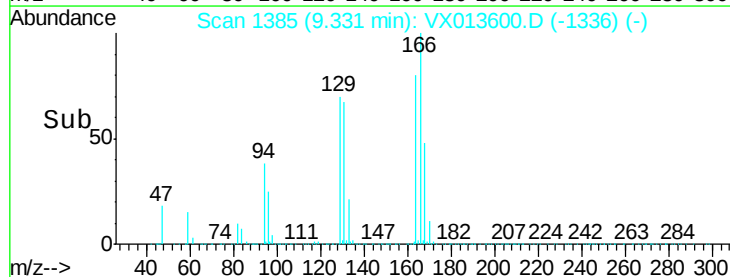
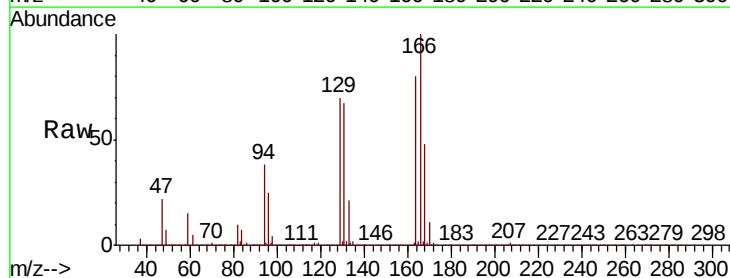
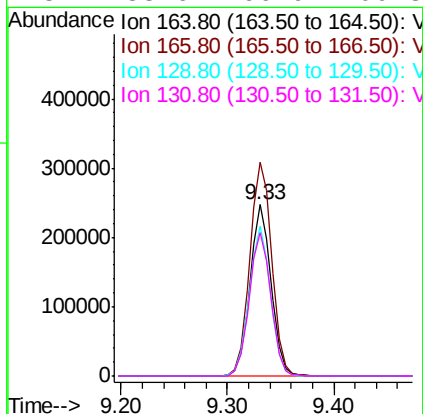
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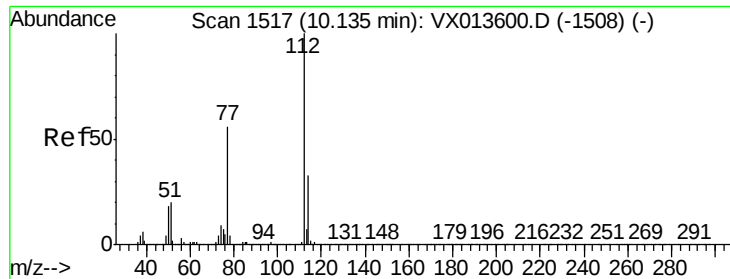
apatel
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#64
Tetrachloroethene
Concen: 48.486 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.7	149.5
129	87.6	70.1	105.1
131	83.6	66.9	100.3





#65

Chlorobenzene

Concen: 48.619 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 981325

Ion Ratio Lower Upper

112 100

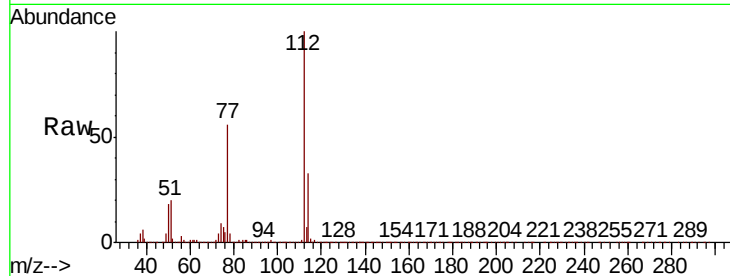
114 32.6 26.1 39.1

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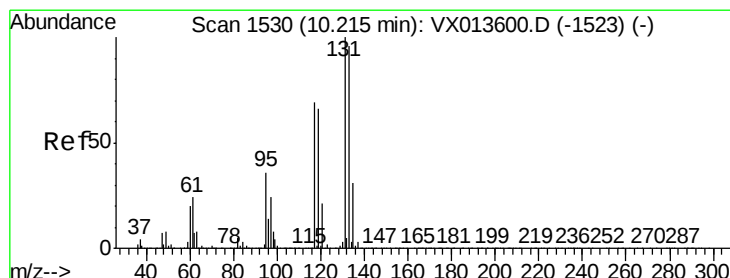
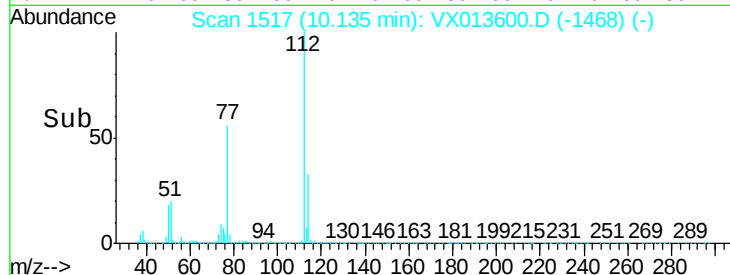
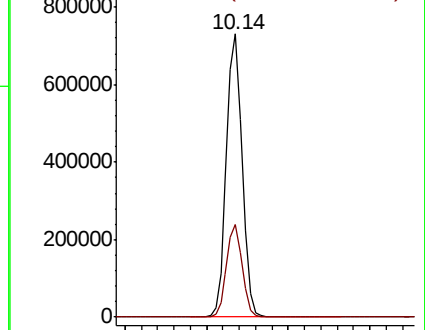
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.506 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

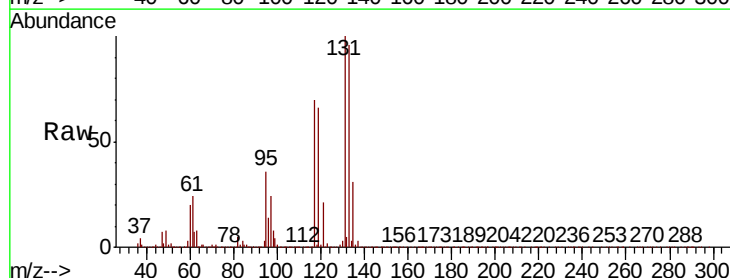
Tgt Ion:131 Resp: 366123

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

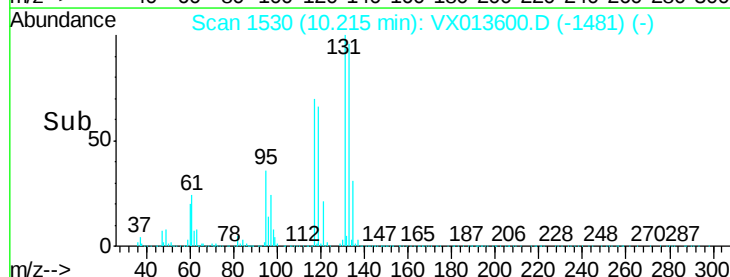
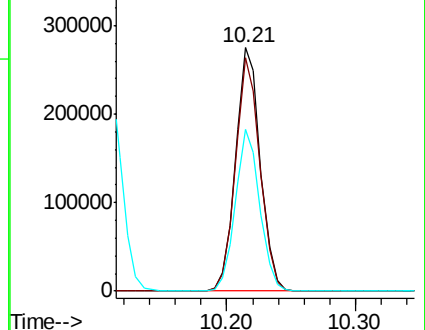
119 65.7 32.9 98.6

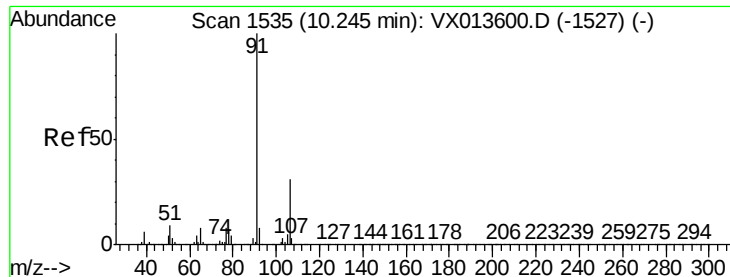


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.511 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1761569

Ion Ratio Lower Upper

91 100

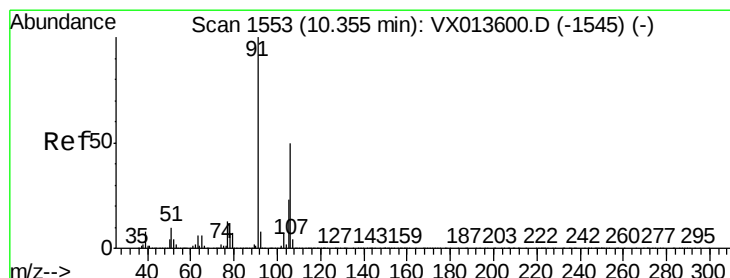
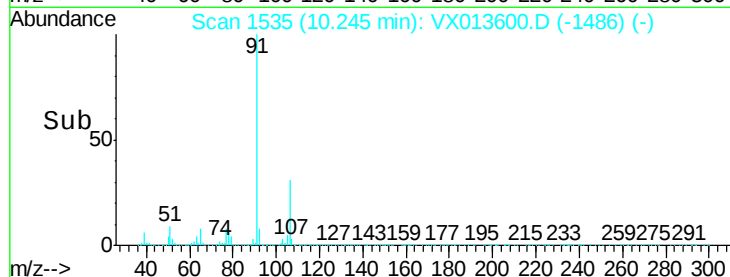
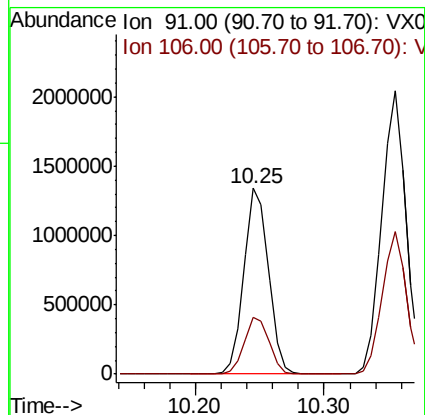
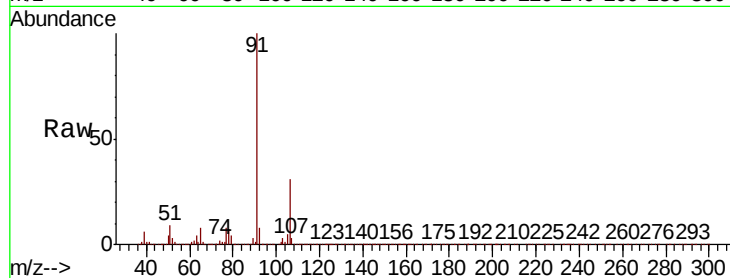
106 30.6 24.5 36.7

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#68

m/p-Xylenes

Concen: 101.180 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013600.D

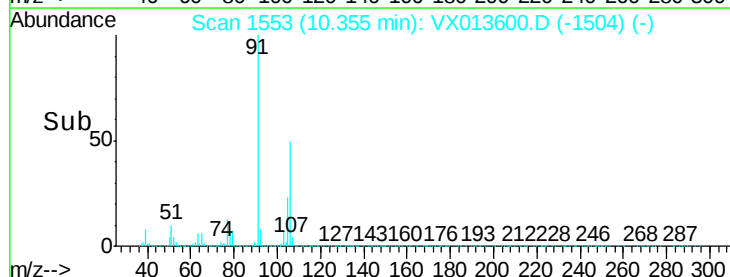
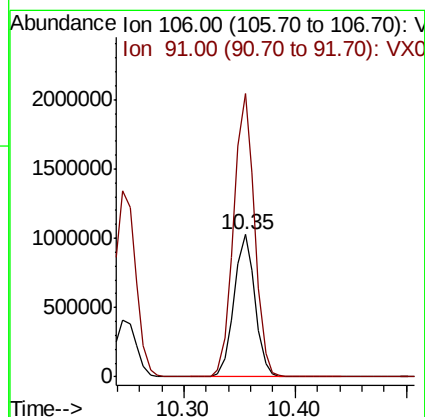
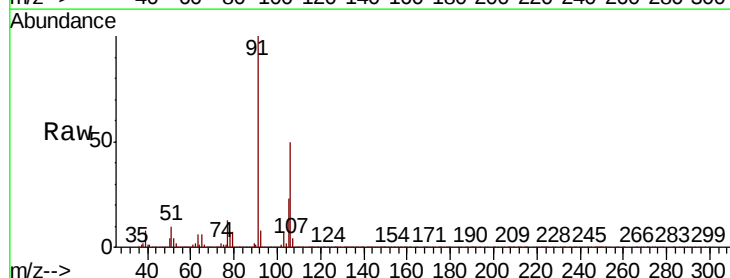
Acq: 26 Nov 2019 14:41

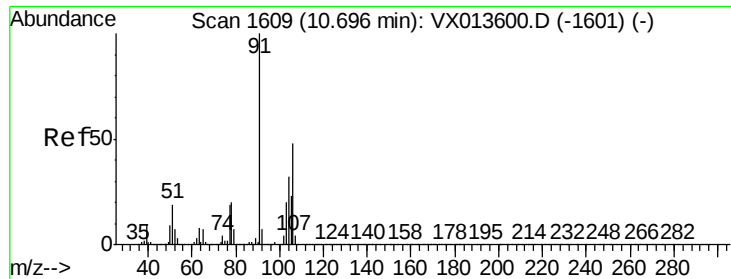
Tgt Ion: 106 Resp: 1331054

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.4





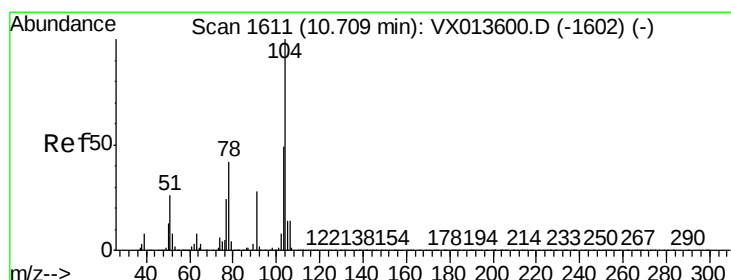
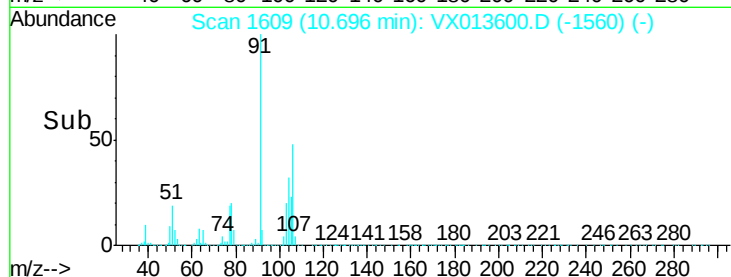
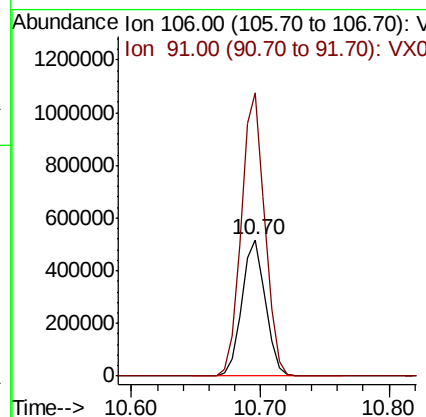
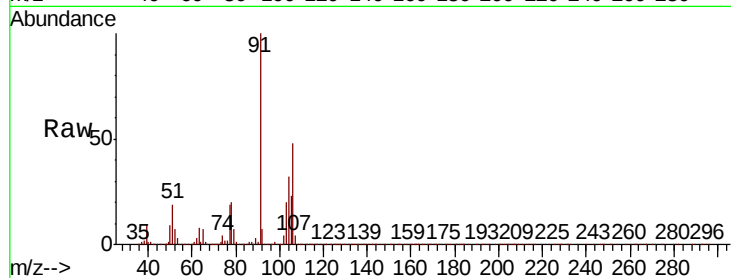
#69
o-Xylene
Concen: 50.542 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	104.1	312.2

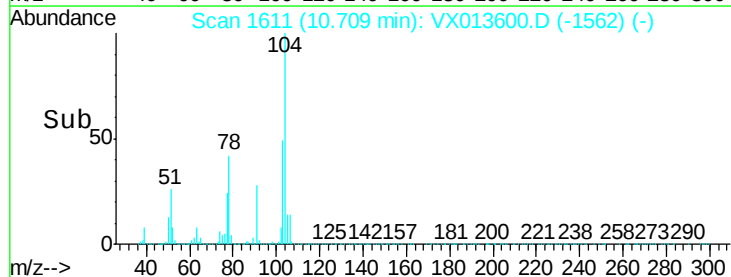
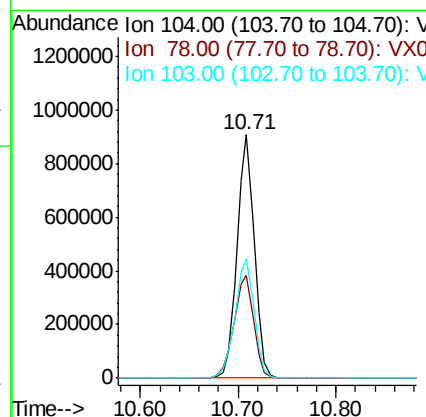
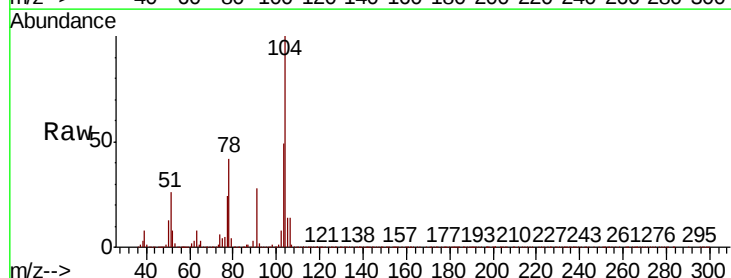
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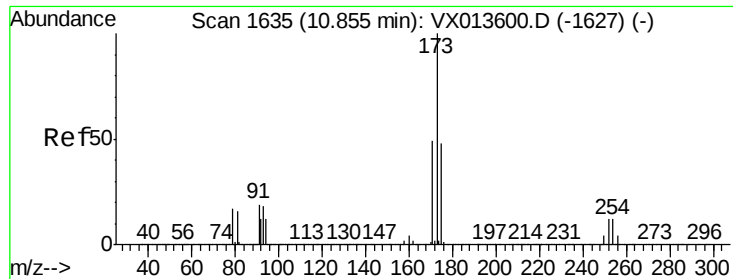
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#70
Styrene
Concen: 51.689 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	54.6	43.7	65.5





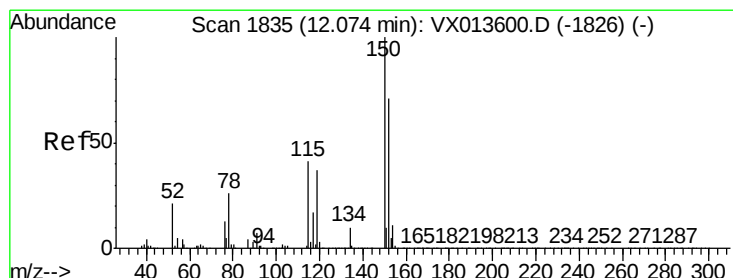
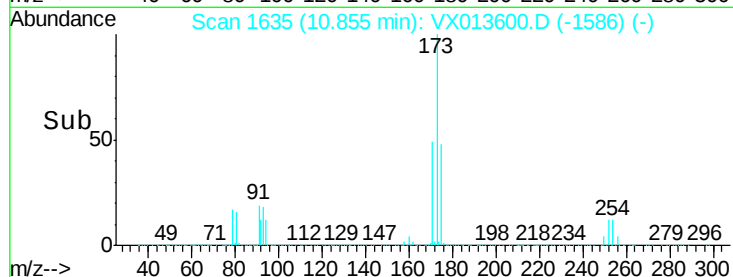
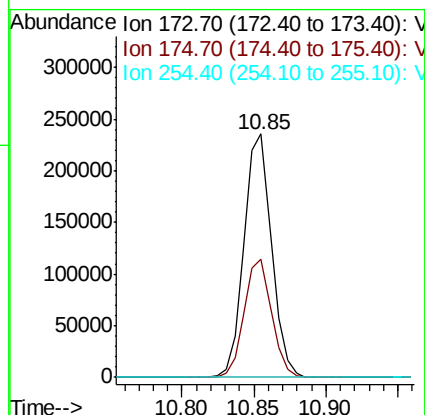
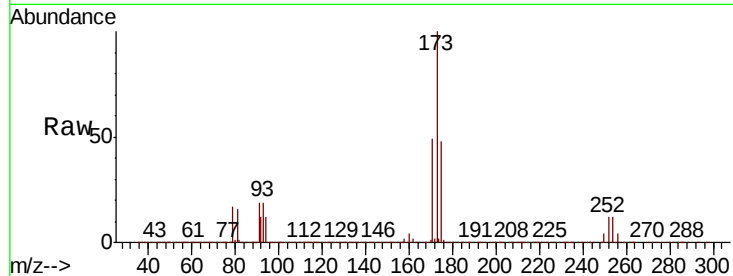
#71
Bromoform
Concen: 51.988 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.3	0.2	0.4

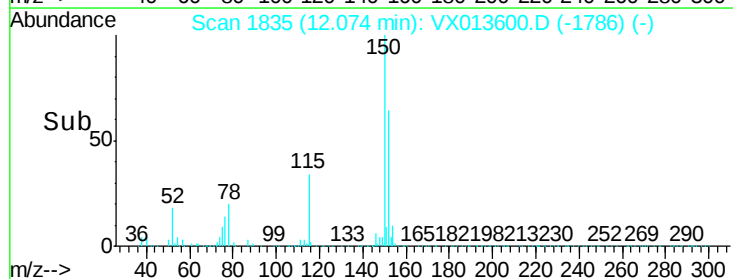
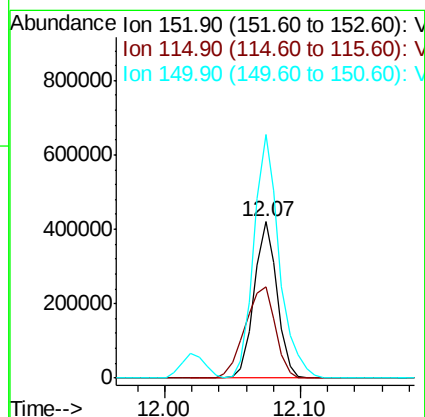
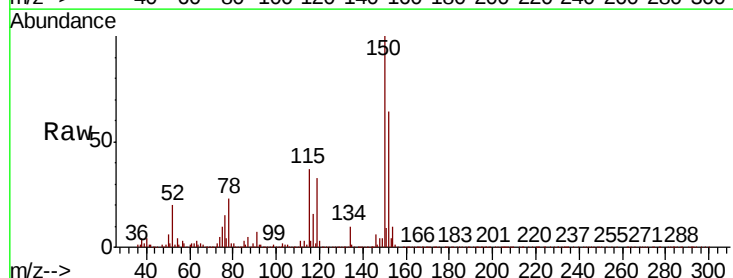
Manual Integrations
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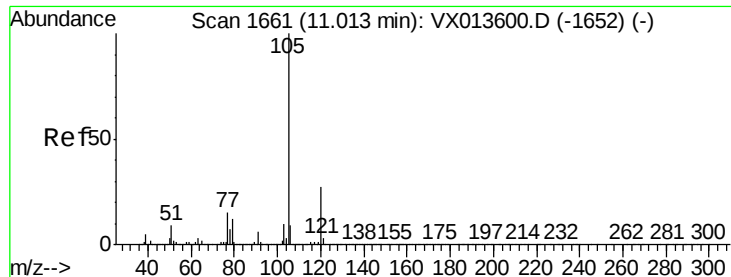
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	38.4	115.1
150	173.4	0.0	346.8





#73

Isopropylbenzene

Concen: 51.856 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1710980

Ion Ratio Lower Upper

105 100

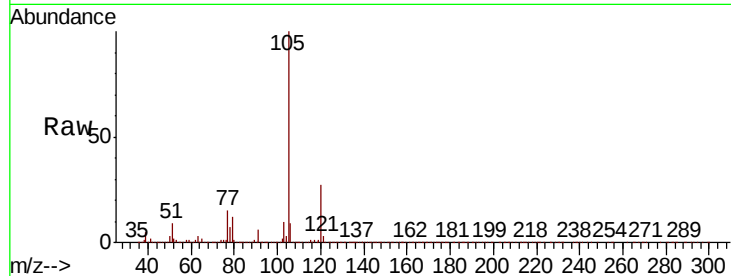
120 27.0 13.5 40.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

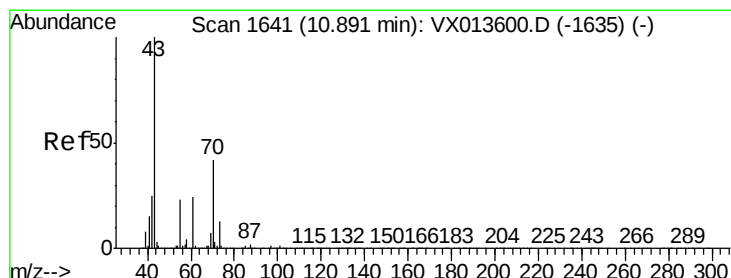
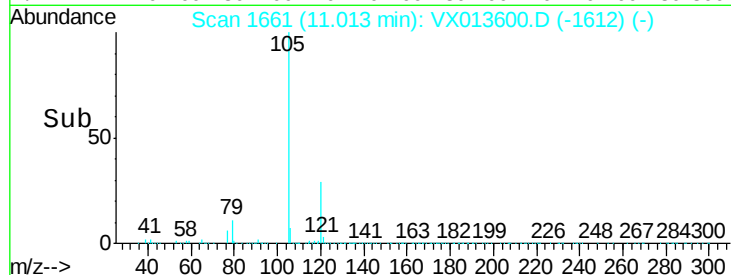
11.01

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 53.665 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion: 43 Resp: 816996

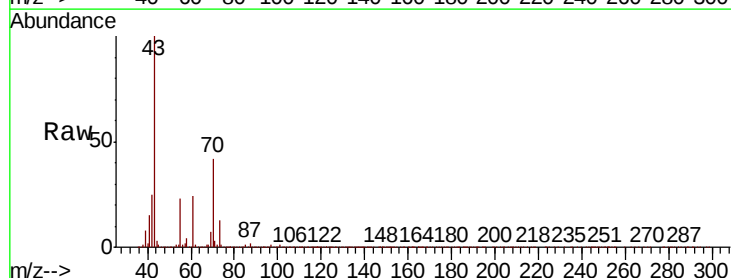
Ion Ratio Lower Upper

43 100

70 42.9 34.3 51.5

55 23.1 18.5 27.7

61 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

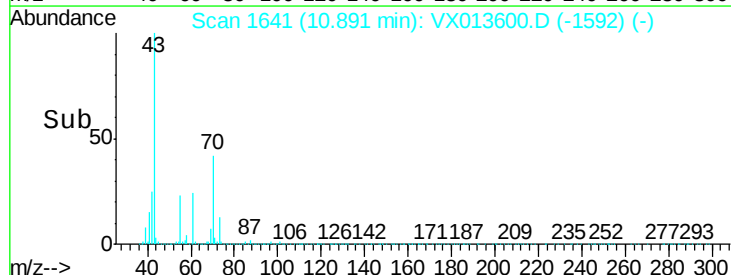
600000

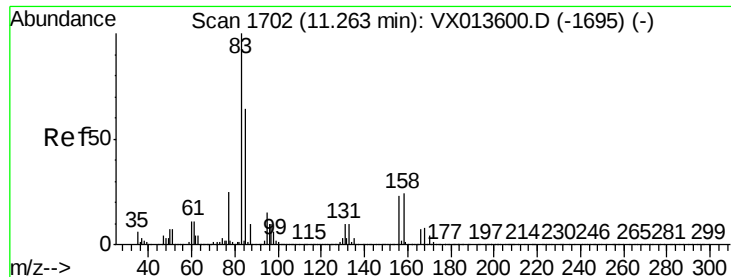
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.665 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

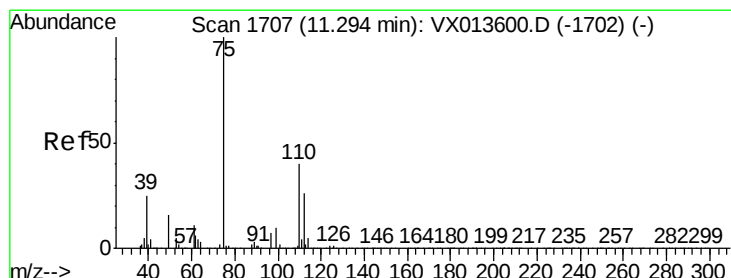
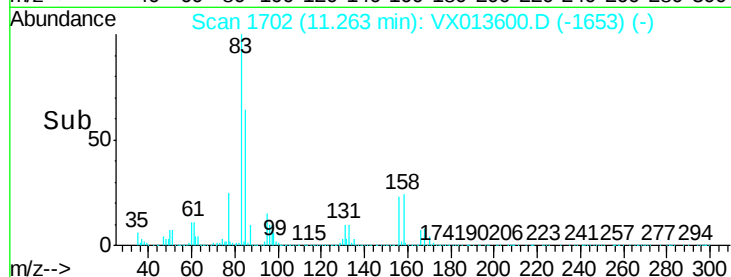
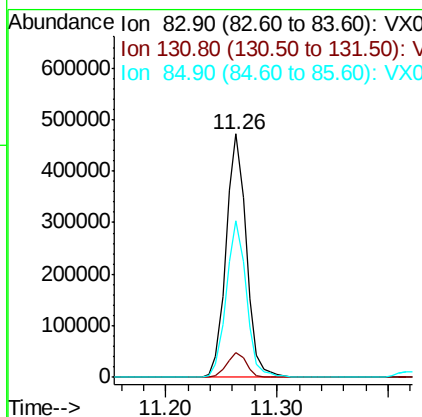
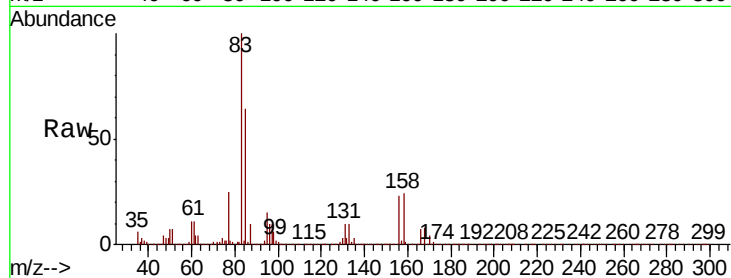
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	594461
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.5	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.170 ug/l m

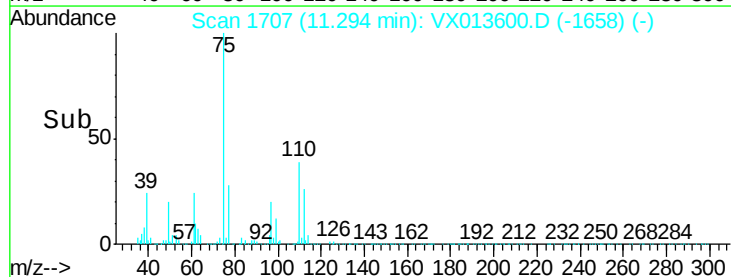
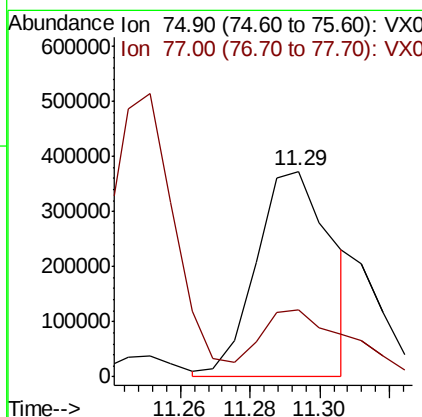
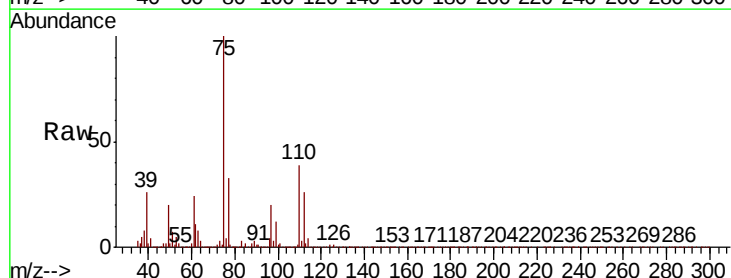
RT: 11.29 min Scan# 1707

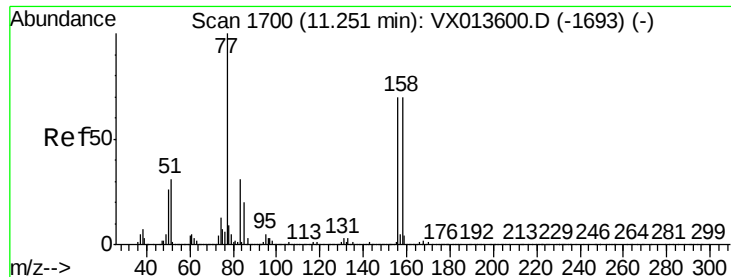
Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Tgt Ion:	75	Resp:	560106
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.1	57.5





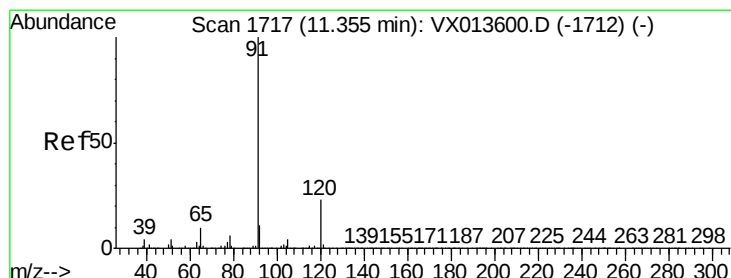
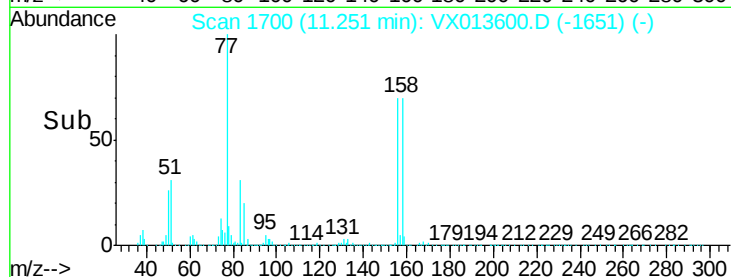
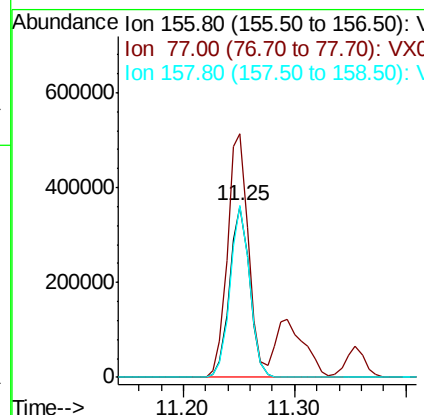
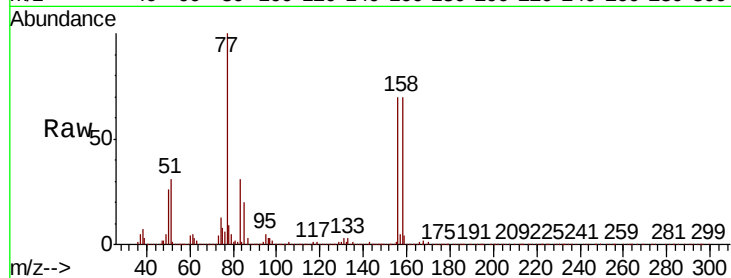
#77
Bromobenzene
Concen: 51.253 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	74.4	223.1
158	97.7	48.9	146.6

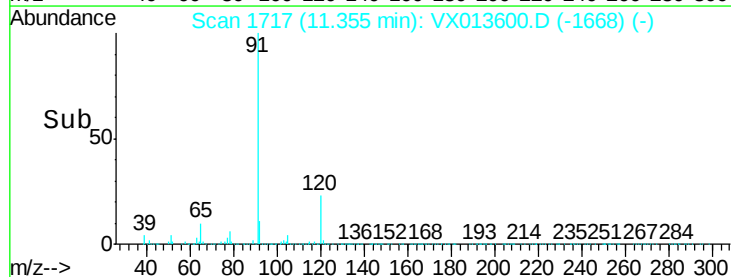
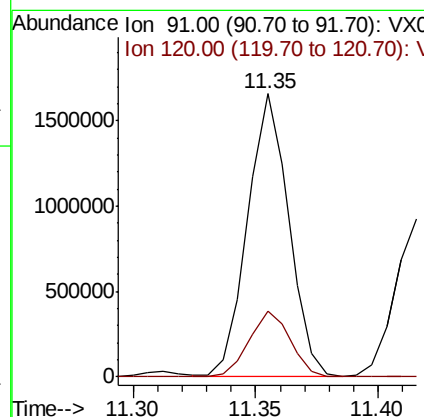
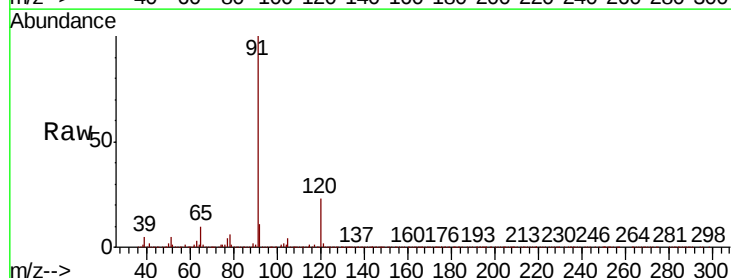
Manual Integrations
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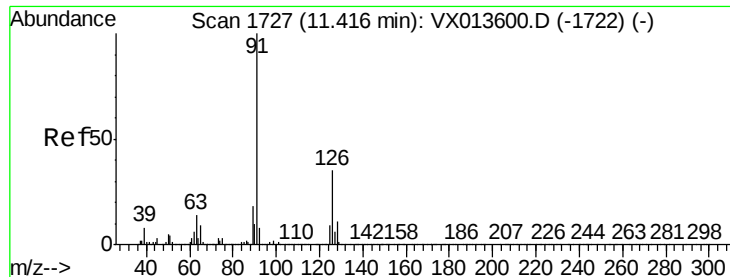
apatel
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#78
n-propylbenzene
Concen: 52.747 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 51.218 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1131554

Ion Ratio Lower Upper

91 100

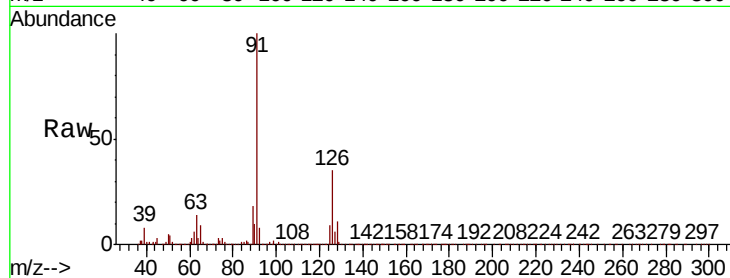
126 35.0 17.5 52.5

Manual Integrations

APPROVED

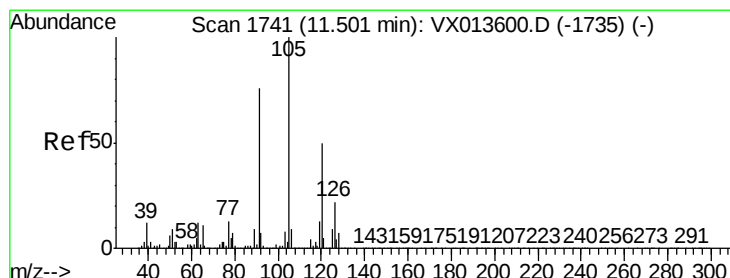
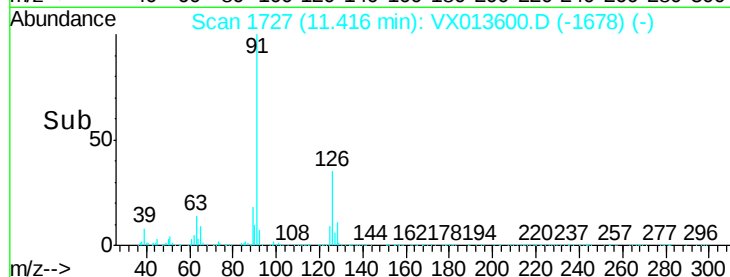
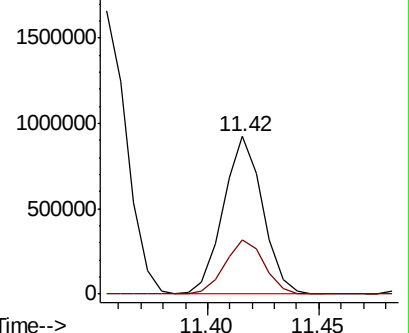
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.782 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013600.D

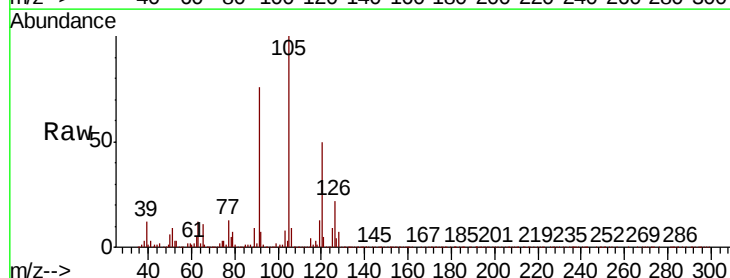
Acq: 26 Nov 2019 14:41

Tgt Ion: 105 Resp: 1418681

Ion Ratio Lower Upper

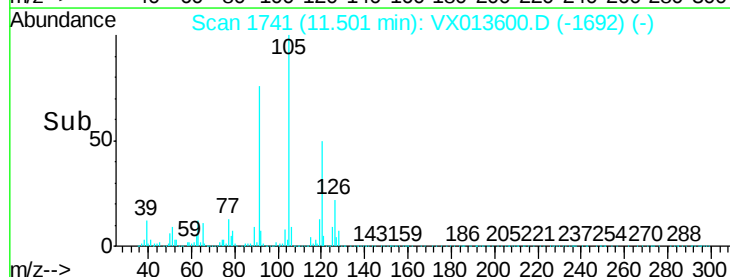
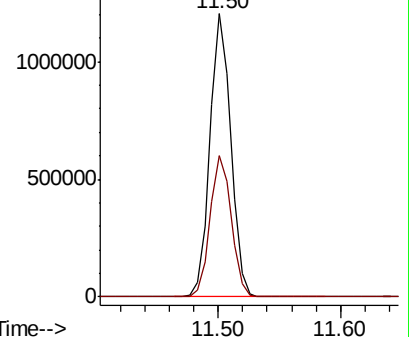
105 100

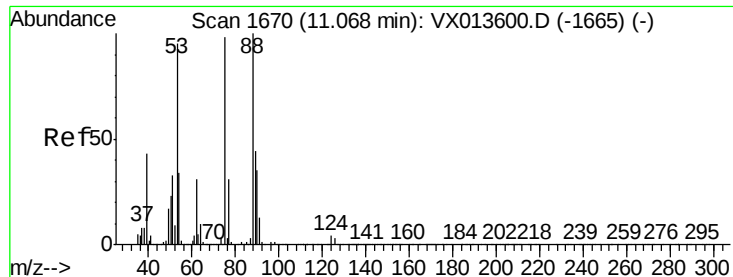
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)





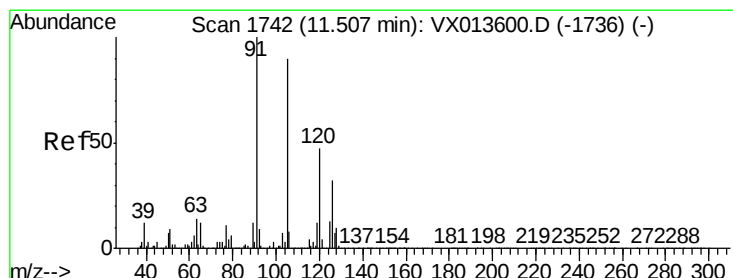
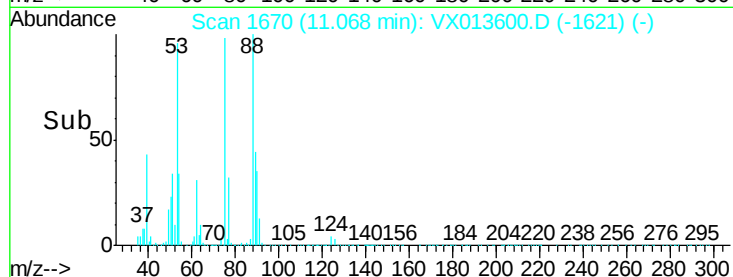
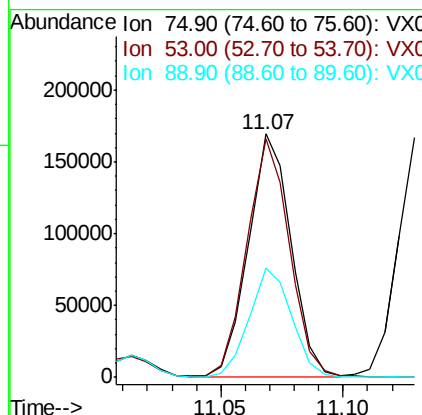
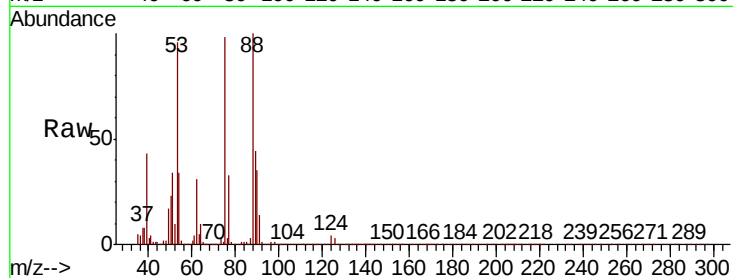
#81
trans-1,4-Dichloro-2-butene
Concen: 52.504 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	78.2	117.2
89	44.3	35.4	53.2

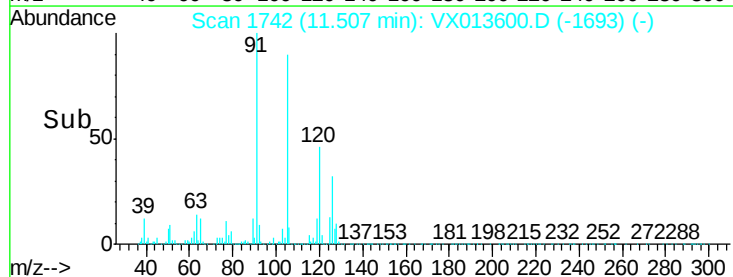
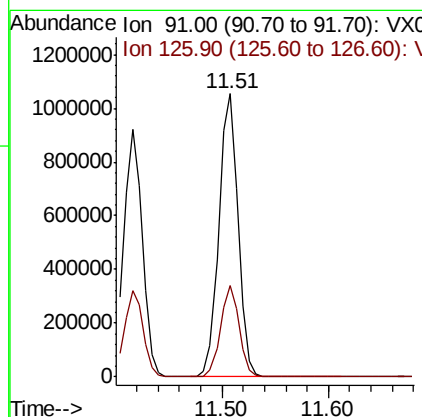
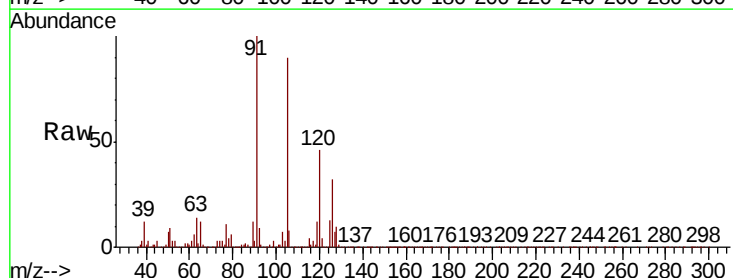
Manual Integrations
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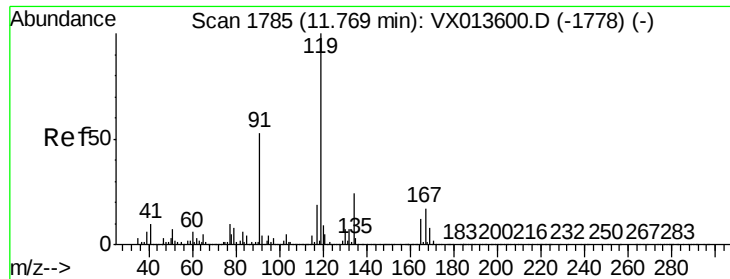
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#82
4-Chlorotoluene
Concen: 50.810 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





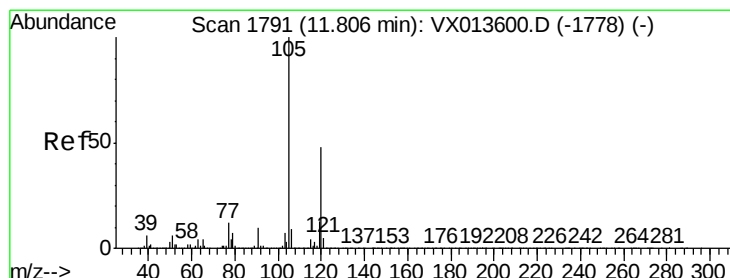
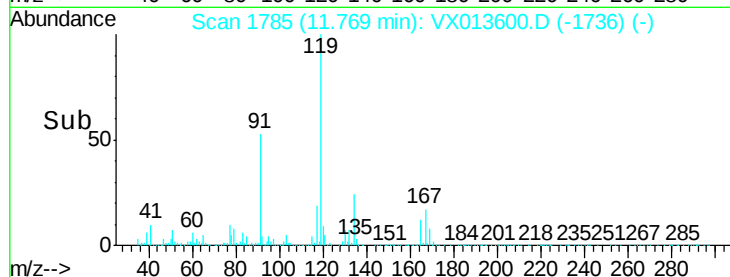
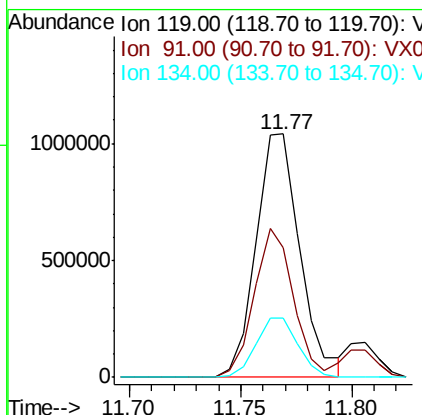
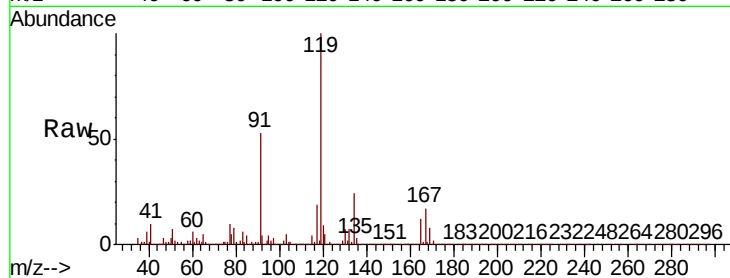
#83
tert-Butylbenzene
Concen: 52.085 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 1433878
Ion Ratio Lower Upper
119 100
91 54.4 27.2 81.6
134 23.4 11.7 35.1

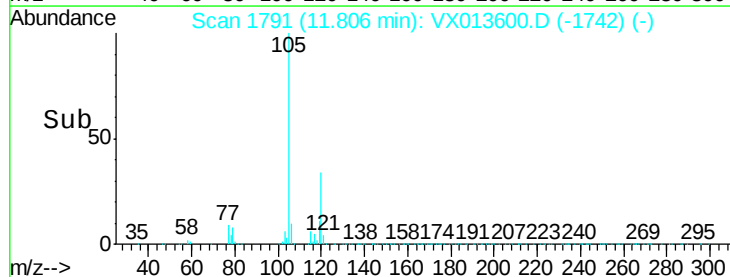
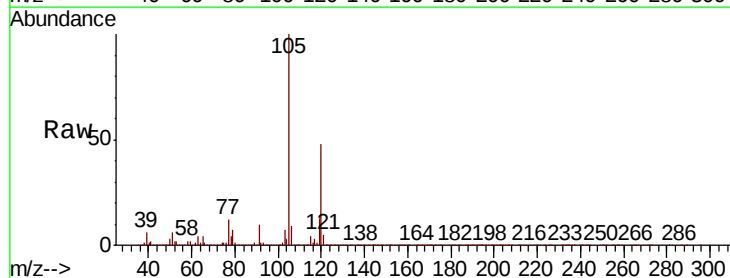
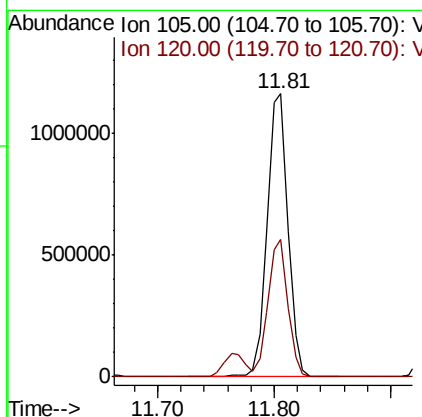
Manual Integrations
APPROVED

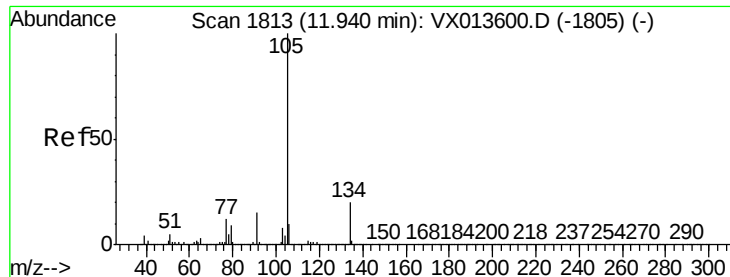
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 52.105 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion:105 Resp: 1430508
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.828 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 1643776

Ion Ratio Lower Upper

105 100

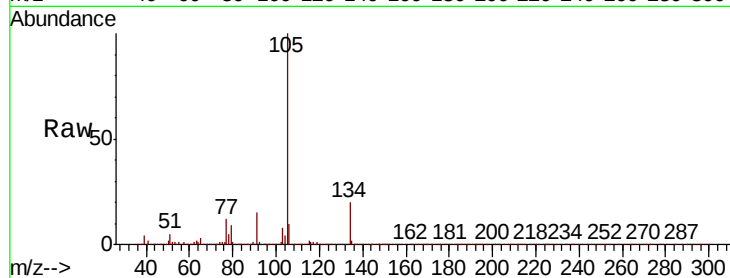
134 20.8 10.4 31.2

Manual Integrations

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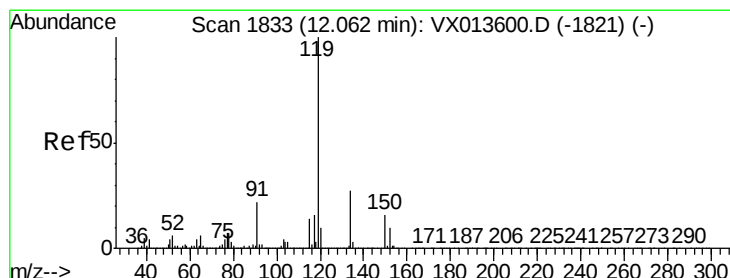
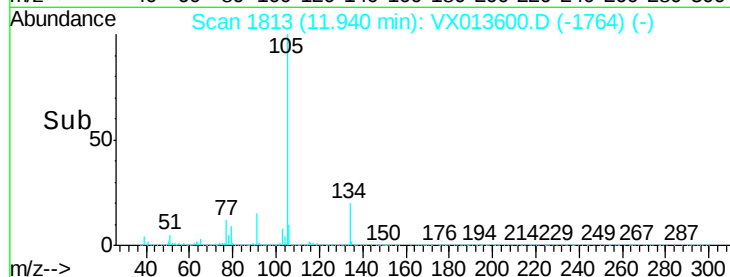
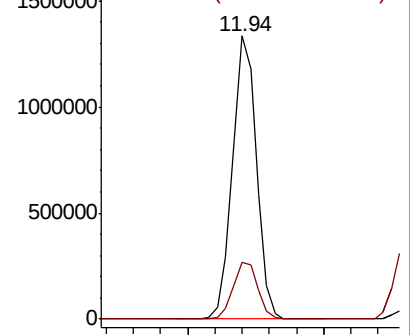
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.346 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

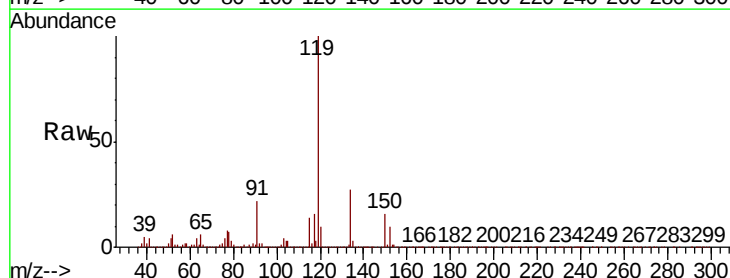
Tgt Ion:119 Resp: 1527398

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

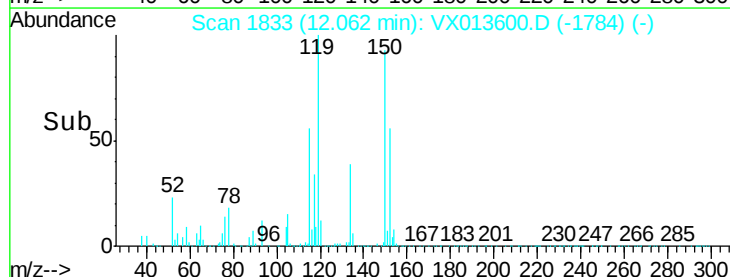
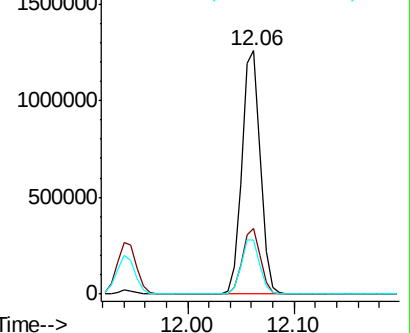
91 22.5 11.3 33.8

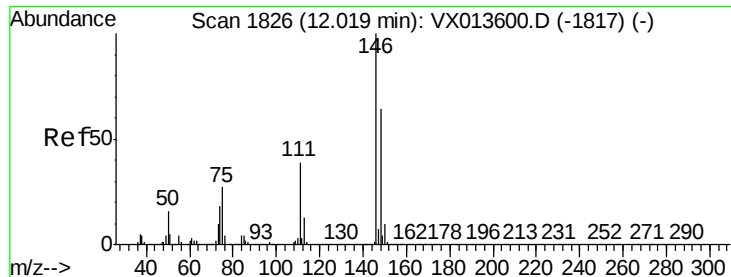


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





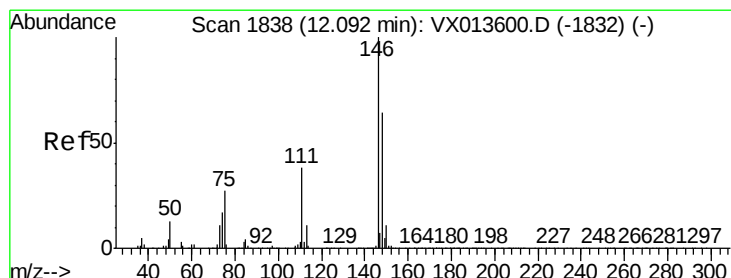
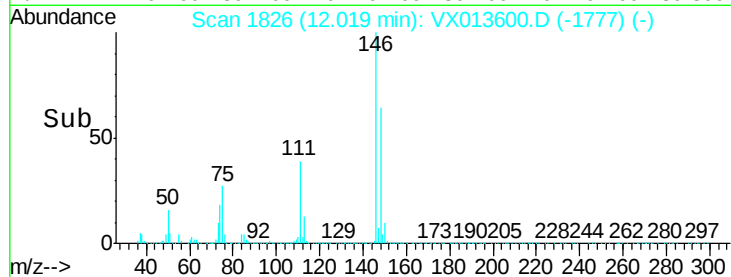
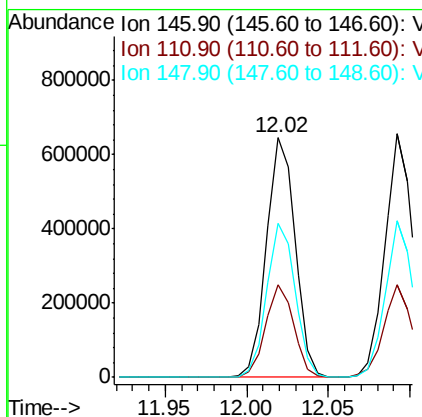
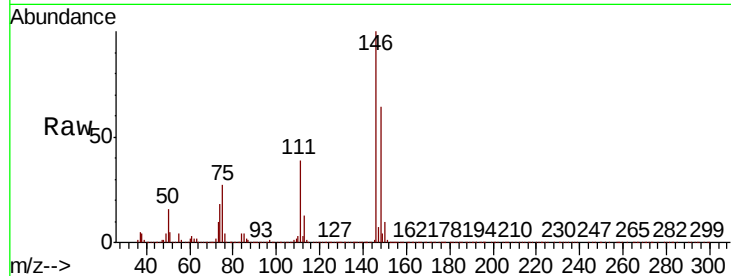
#87
 1,3-Dichlorobenzene
 Concen: 50.589 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.6	31.8	95.4

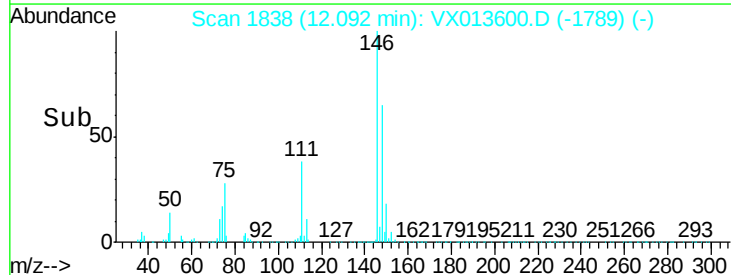
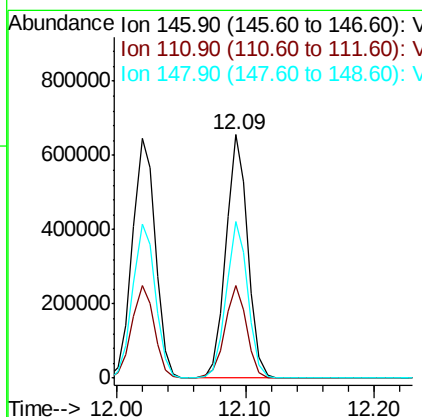
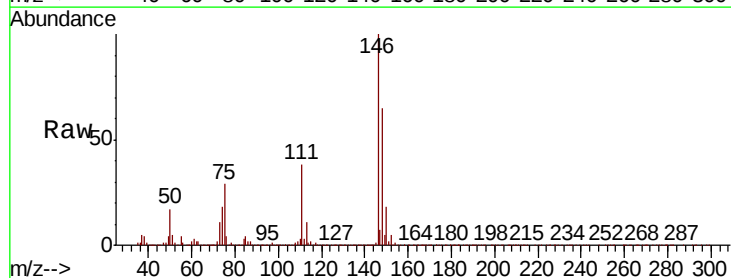
Manual Integrations
 APPROVED

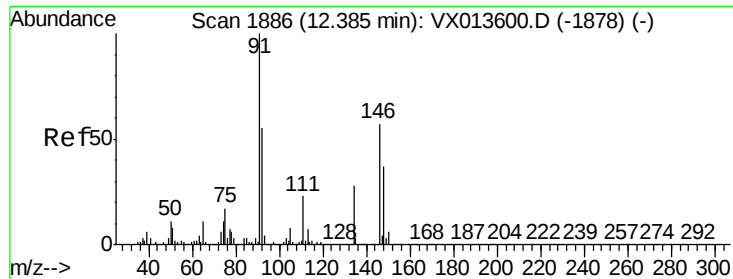
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 49.051 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.7	31.9	95.5





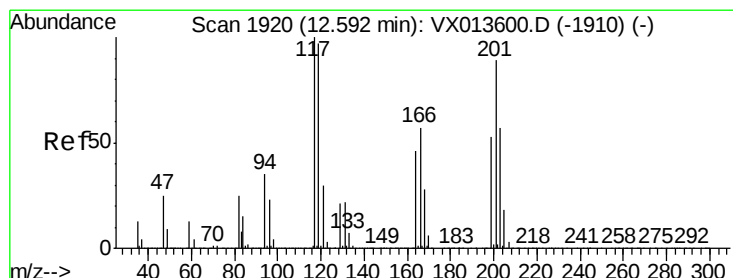
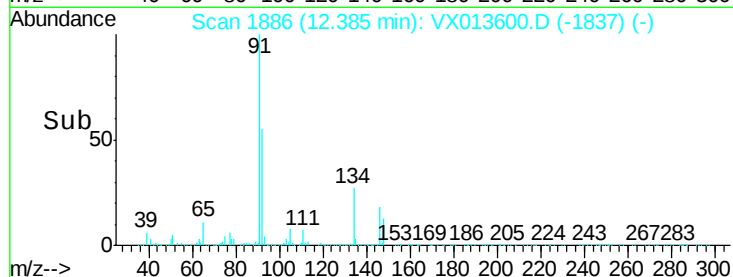
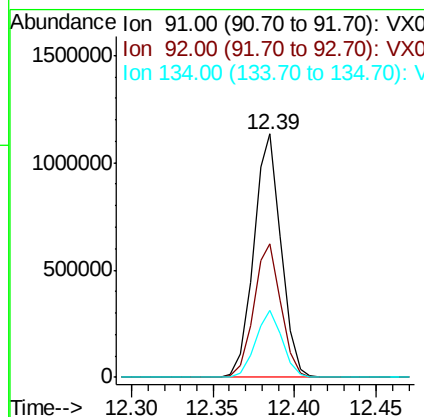
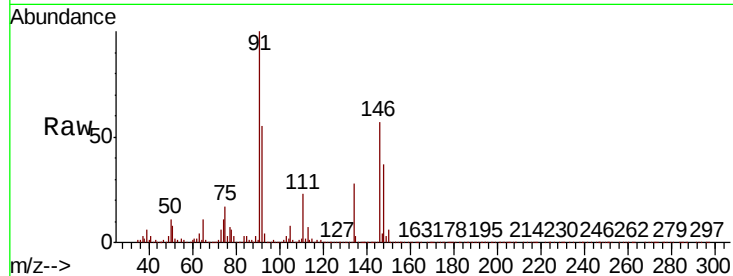
#89
n-Butylbenzene
Concen: 51.932 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	26.9	13.5	40.4

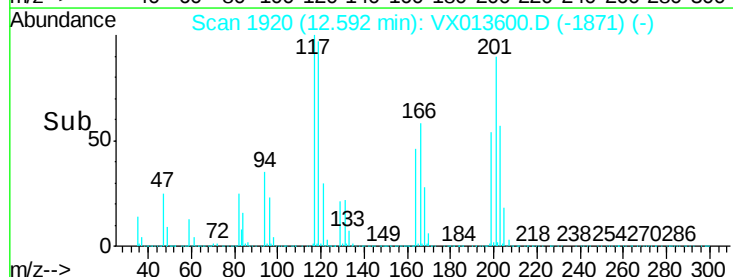
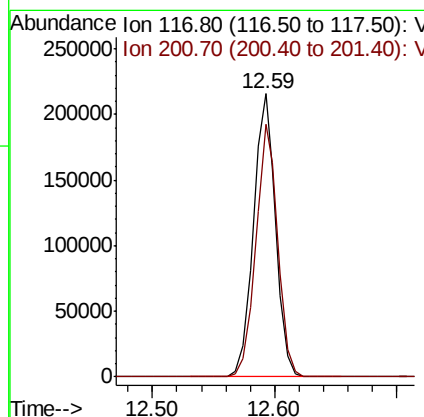
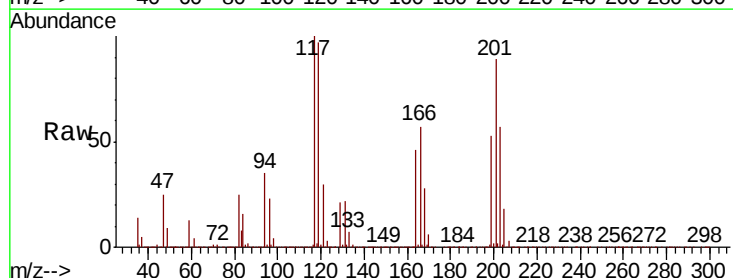
Manual Integrations
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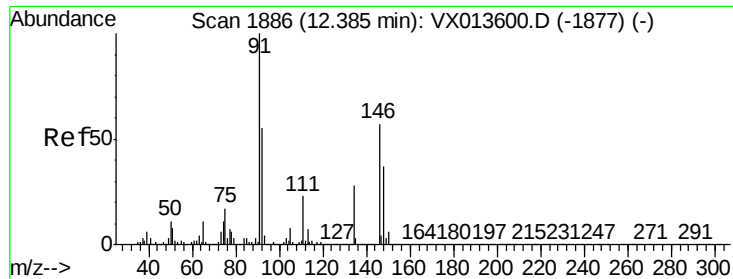
apatel
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#90
Hexachloroethane
Concen: 52.055 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.1	132.4





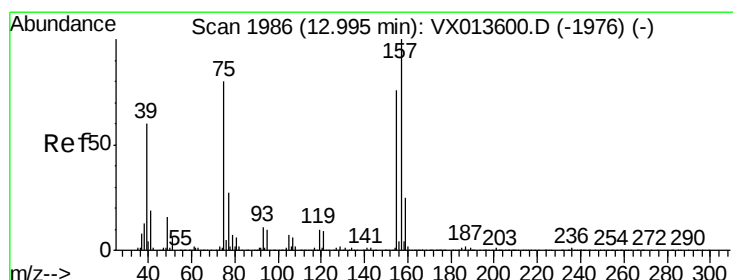
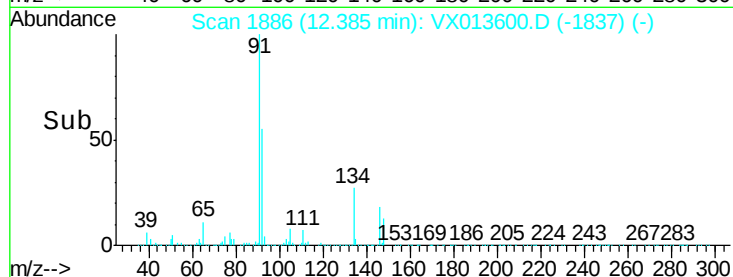
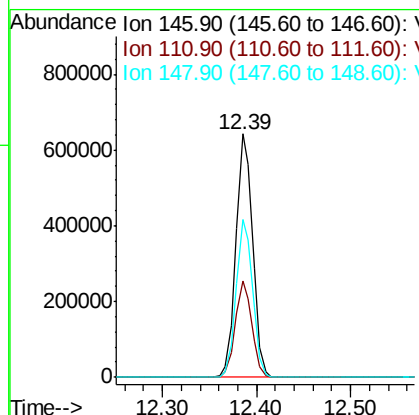
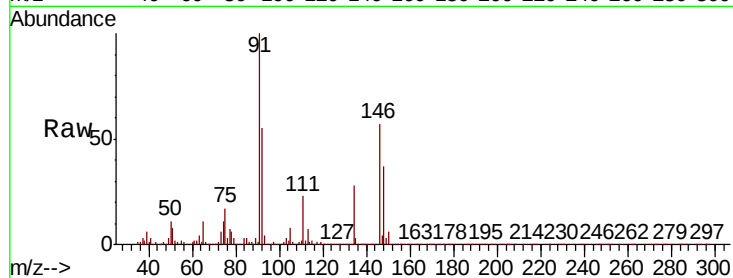
#91
 1,2-Dichlorobenzene
 Concen: 50.448 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.8	31.9	95.7

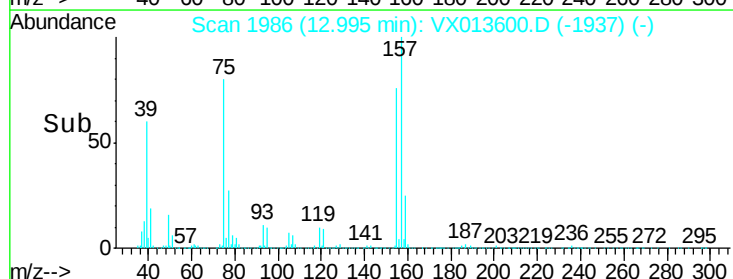
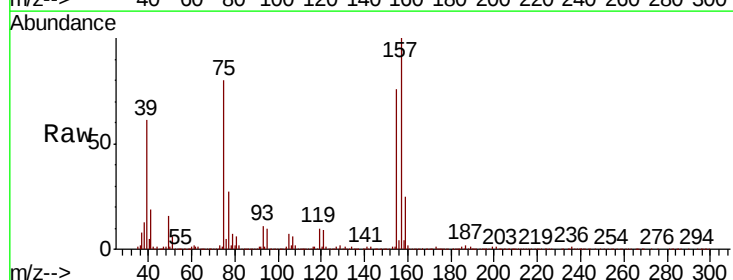
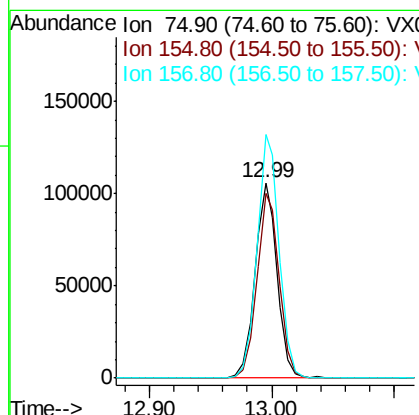
Manual Integrations
 APPROVED

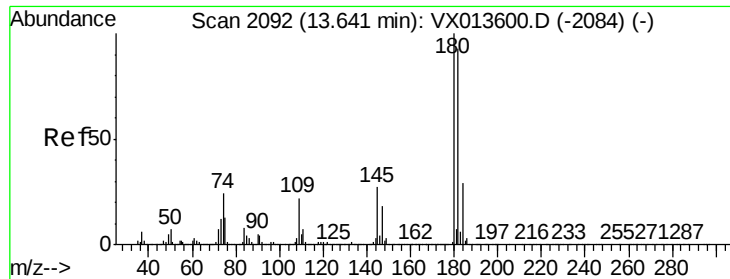
apatel
 11/27/2019 2:07:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.122 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013600.D
 Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	47.6	142.8
157	124.1	62.1	186.2





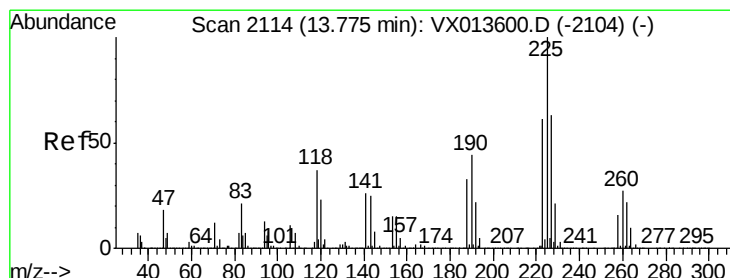
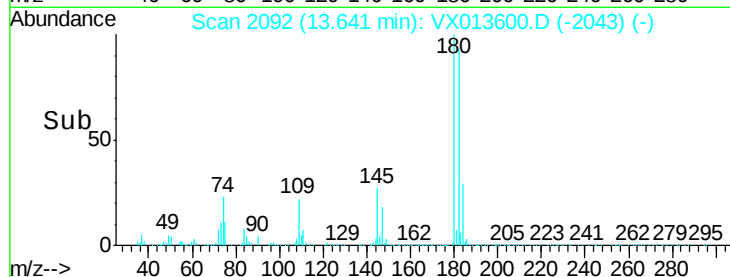
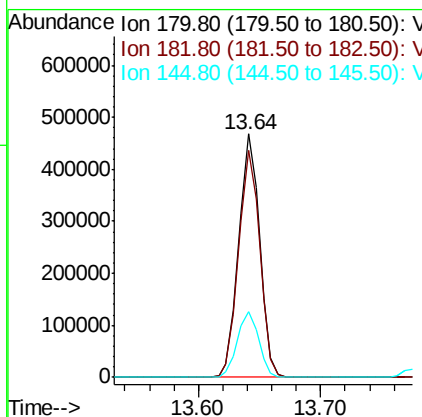
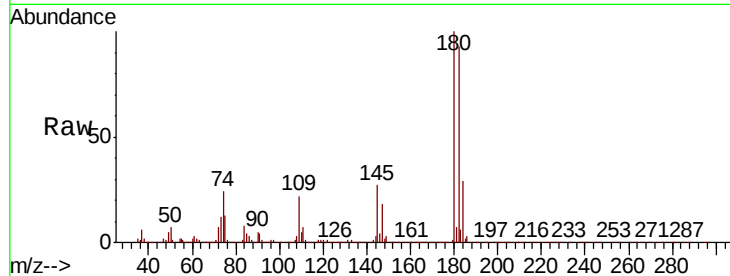
#93
1,2,4-Trichlorobenzene
Concen: 50.665 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	551326		
182	94.4	47.2	141.6	
145	27.6	13.8	41.4	

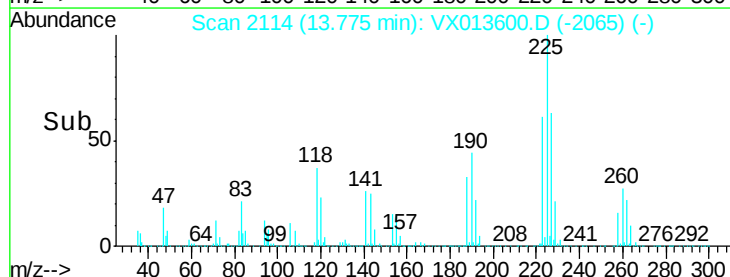
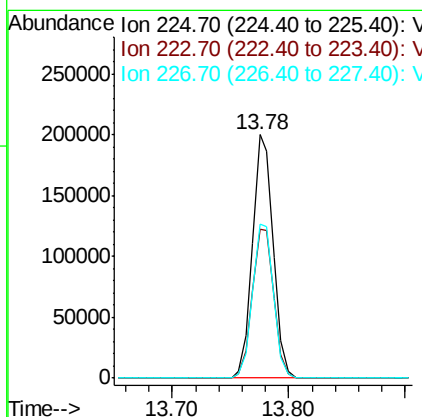
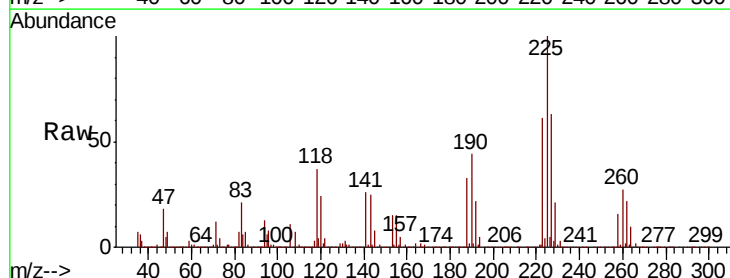
Manual Integrations
APPROVED

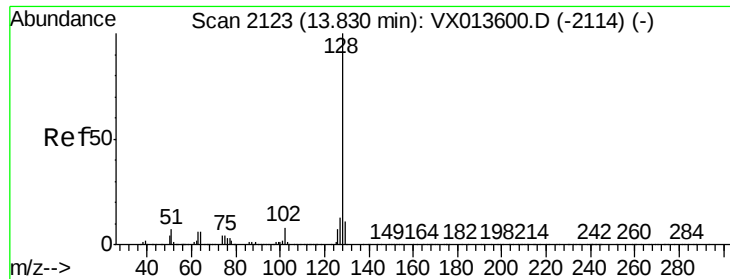
apatel
11/27/2019 2:07:44 PM



#94
Hexachlorobutadiene
Concen: 46.937 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013600.D
Acq: 26 Nov 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	247545		
223	63.7	31.9	95.5	
227	64.2	32.1	96.3	





#95

Naphthalene

Concen: 51.090 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 1723632

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

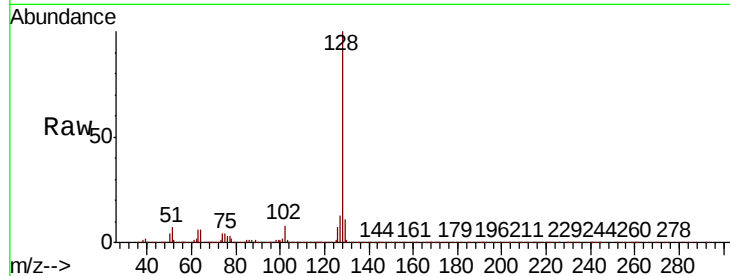
129 10.9 8.7 13.1

Manual Integrations

APPROVED

apatel

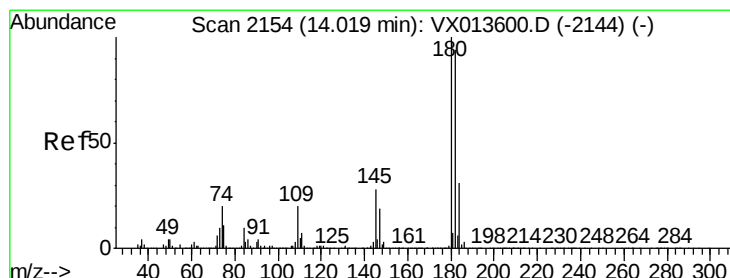
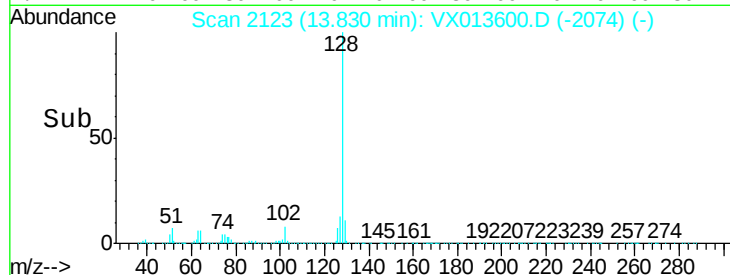
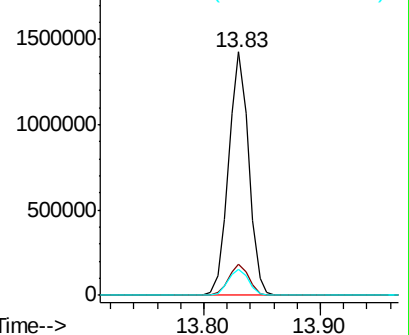
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.905 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013600.D

Acq: 26 Nov 2019 14:41

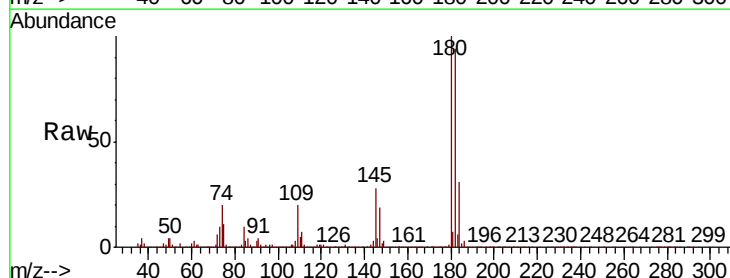
Tgt Ion:180 Resp: 541798

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

