

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013887.D
 Acq On : 10 Dec 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/11/2019 2:13:53 PM

Quant Time: Dec 11 02:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	627654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	944774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	860738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	440363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	358644	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.48	113	299493	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.71	98	1136645	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	423755	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	319006	45.663	ug/l	96
3) Chloromethane	1.32	50	349093	44.533	ug/l	100
4) Vinyl Chloride	1.40	62	412976	46.807	ug/l	99
5) Bromomethane	1.63	94	285038	48.106	ug/l	97
6) Chloroethane	1.71	64	228974	45.606	ug/l	99
7) Trichlorofluoromethane	1.92	101	455592	46.503	ug/l	99
8) Diethyl Ether	2.18	74	209618	47.294	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	293091	48.978	ug/l	100
10) Methyl Iodide	2.50	142	341096	47.120	ug/l	99
11) Tert butyl alcohol	3.03	59	369366	205.394	ug/l	99
12) 1,1-Dichloroethene	2.36	96	270702	45.320	ug/l	99
13) Acrolein	2.28	56	363285	300.814	ug/l	100
14) Allyl chloride	2.72	41	505706	46.652	ug/l	99
15) Acrylonitrile	3.13	53	858867	231.371	ug/l	100
16) Acetone	2.43	43	996065	276.914	ug/l	100
17) Carbon Disulfide	2.56	76	702834	41.276	ug/l	100
18) Methyl Acetate	2.76	43	497546	49.674	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	948858	47.952	ug/l	99
20) Methylene Chloride	2.84	84	318883	46.145	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	295261	45.375	ug/l	98
22) Diisopropyl ether	3.84	45	1030159	49.355	ug/l	90
23) Vinyl Acetate	3.80	43	4161146	239.645	ug/l	99
24) 1,1-Dichloroethane	3.69	63	550419	48.239	ug/l	98
25) 2-Butanone	4.65	43	1331126	249.002	ug/l	99
26) 2,2-Dichloropropane	4.57	77	449383	47.601	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	347196	46.461	ug/l	100
28) Bromochloromethane	5.00	49	215550	47.803	ug/l	99
29) Tetrahydrofuran	5.11	42	777713	235.989	ug/l	99
30) Chloroform	5.20	83	538647	46.548	ug/l	96
31) Cyclohexane	5.57	56	503095	46.746	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	456716	47.229	ug/l	99
36) 1,1-Dichloropropene	5.79	75	409126	47.705	ug/l	99
37) Ethyl Acetate	4.81	43	462046	48.024	ug/l	100
38) Carbon Tetrachloride	5.77	117	390916	49.433	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	512493	48.344	ug/l	99
40) Benzene	6.13	78	1252599	47.955	ug/l	100
41) Methacrylonitrile	5.03	41	268149	50.820	ug/l	98
42) 1,2-Dichloroethane	6.18	62	433101	48.619	ug/l	100
43) Isopropyl Acetate	6.43	43	768479	48.517	ug/l	99
44) Trichloroethene	7.20	130	341516	47.640	ug/l	98
45) 1,2-Dichloropropane	7.50	63	329845	50.472	ug/l	98
46) Dibromomethane	7.65	93	209709	47.247	ug/l	99
47) Bromodichloromethane	7.89	83	426726	50.856	ug/l	97
48) Methyl methacrylate	7.76	41	383159	49.787	ug/l	99
49) 1,4-Dioxane	7.73	88	142445	826.887	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2431552	244.048	ug/l	100
52) Toluene	8.78	92	794021	48.932	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	471086	49.324	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	528489	50.648	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	323867	49.527	ug/l	97
56) Ethyl methacrylate	9.17	69	525844	50.017	ug/l	100
57) 1,3-Dichloropropane	9.37	76	548020	48.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1264205	306.698	ug/l	100
59) 2-Hexanone	9.48	43	1942321	249.954	ug/l	99
60) Dibromochloromethane	9.57	129	341203	50.278	ug/l	98
61) 1,2-Dibromoethane	9.67	107	339949	48.675	ug/l	99
64) Tetrachloroethene	9.33	164	310944	48.442	ug/l	97
65) Chlorobenzene	10.14	112	863201	48.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	317350	49.453	ug/l	99
67) Ethyl Benzene	10.25	91	1519926	49.495	ug/l	99
68) m/p-Xylenes	10.36	106	1164598	99.056	ug/l	100
69) o-Xylene	10.70	106	566211	49.379	ug/l	99
70) Styrene	10.71	104	976087	50.604	ug/l	100
71) Bromoform	10.85	173	265511	50.005	ug/l	100
73) Isopropylbenzene	11.01	105	1504726	48.713	ug/l	100
74) N-amyl acetate	10.89	43	695388	49.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	517052	48.267	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	480448m	48.508	ug/l	
77) Bromobenzene	11.25	156	389683	46.697	ug/l	98
78) n-propylbenzene	11.35	91	1721872	49.935	ug/l	100
79) 2-Chlorotoluene	11.42	91	1007203	48.692	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1274599	50.346	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	173634	47.961	ug/l	98
82) 4-Chlorotoluene	11.51	91	1170220	48.845	ug/l	99
83) tert-Butylbenzene	11.76	119	1274280	49.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1274727	49.611	ug/l	100
85) sec-Butylbenzene	11.94	105	1484859	50.525	ug/l	100
86) p-Isopropyltoluene	12.06	119	1383583	50.606	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	701683	48.237	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	699571	47.215	ug/l	99
89) n-Butylbenzene	12.39	91	1226649	52.604	ug/l	100
90) Hexachloroethane	12.59	117	250829	50.757	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	697399	48.523	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110000	47.154	ug/l	99

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VSTDCCC050

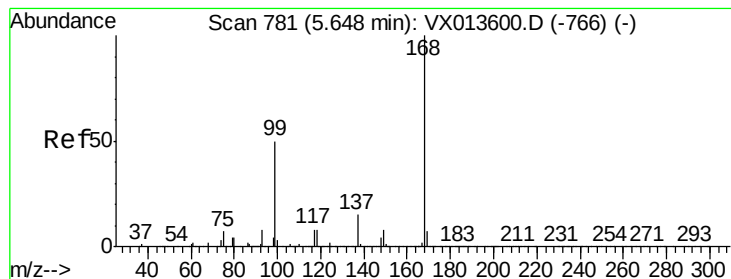
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	493812	49.299	ug/l	99
94) Hexachlorobutadiene	13.78	225	246482	51.224	ug/l	97
95) Naphthalene	13.83	128	1490301	49.960	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	488989	49.304	ug/l	99

(#) = 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: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 627654

Ion Ratio Lower Upper

168 100

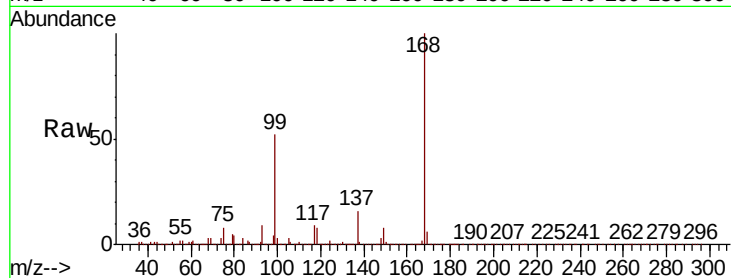
99 51.7 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

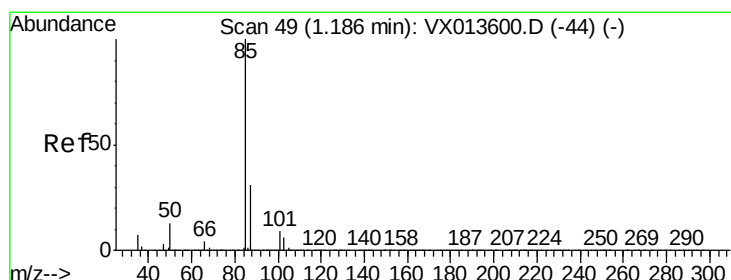
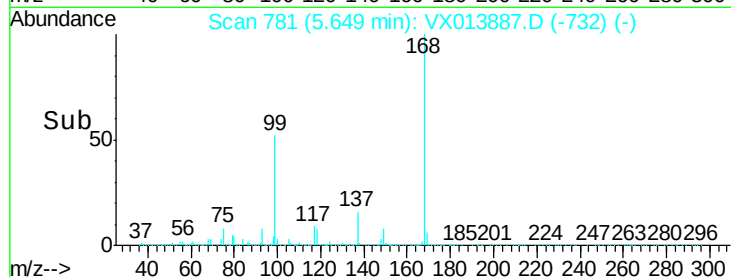
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.663 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013887.D

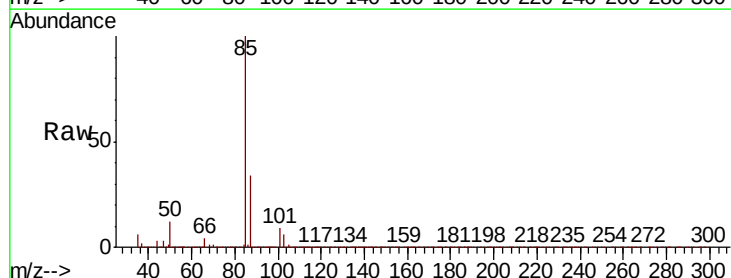
Acq: 10 Dec 2019 10:23

Tgt Ion: 85 Resp: 319006

Ion Ratio Lower Upper

85 100

87 33.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

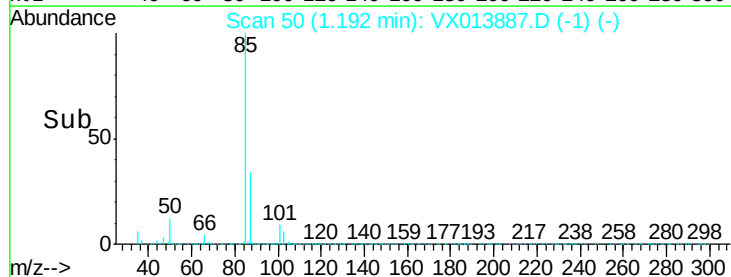
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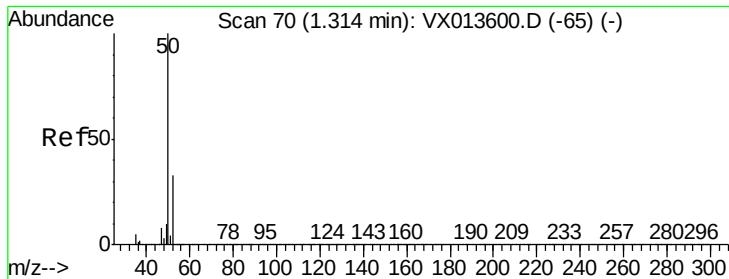
100000

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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.533 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 349093

Ion Ratio Lower Upper

50 100

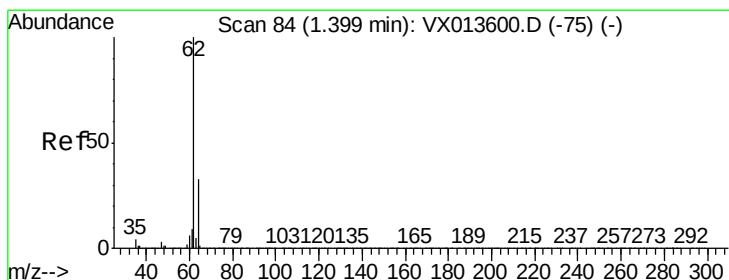
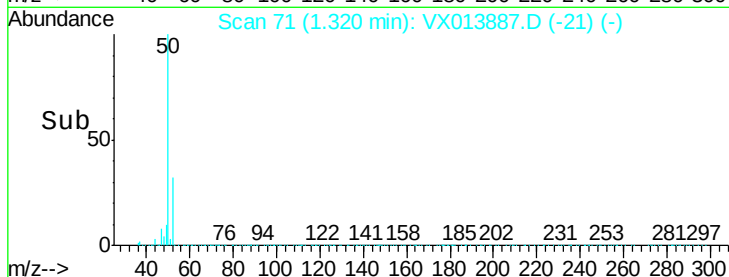
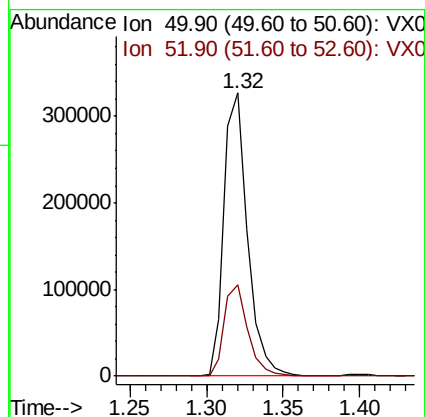
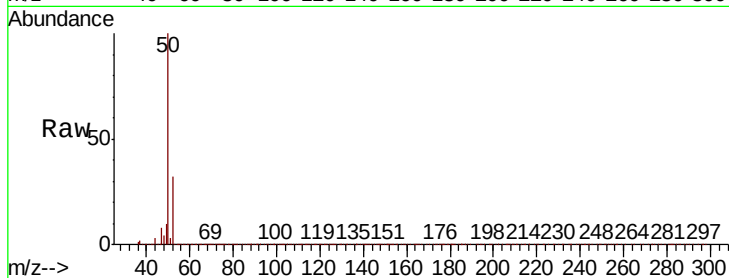
52 32.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 46.807 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013887.D

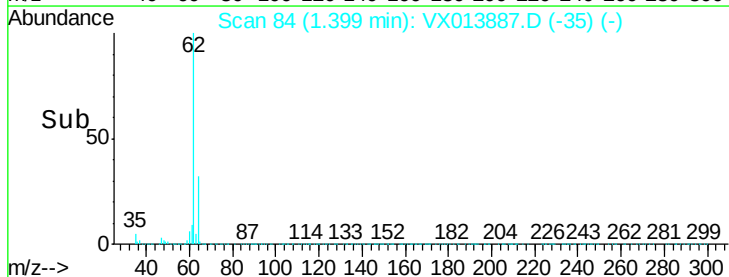
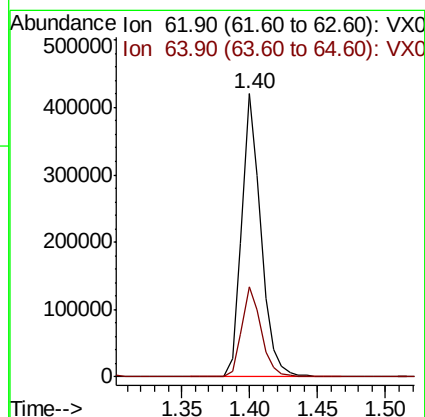
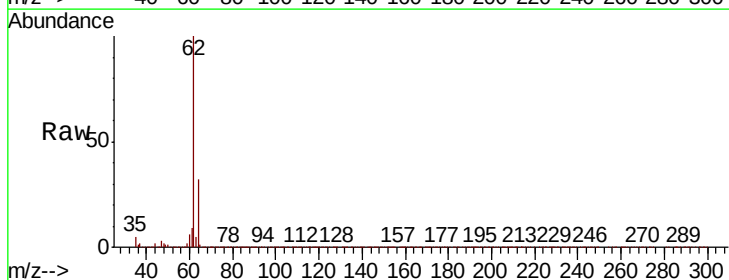
Acq: 10 Dec 2019 10:23

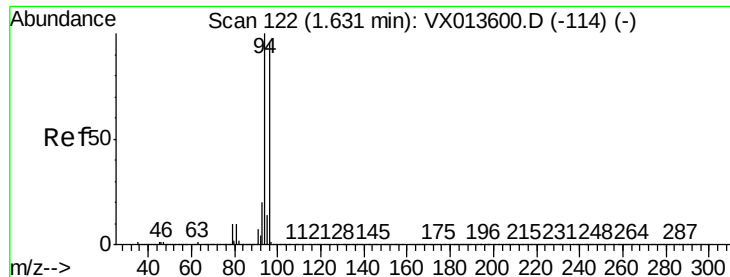
Tgt Ion: 62 Resp: 412976

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 48.106 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 285038

Ion Ratio Lower Upper

94 100

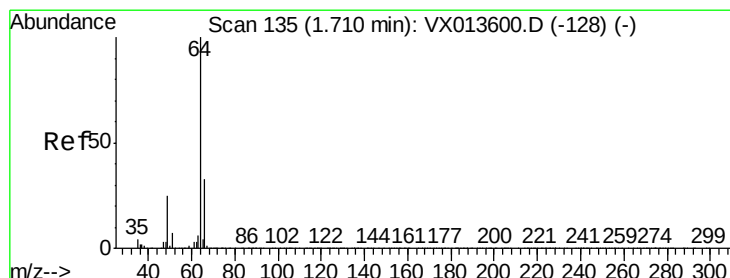
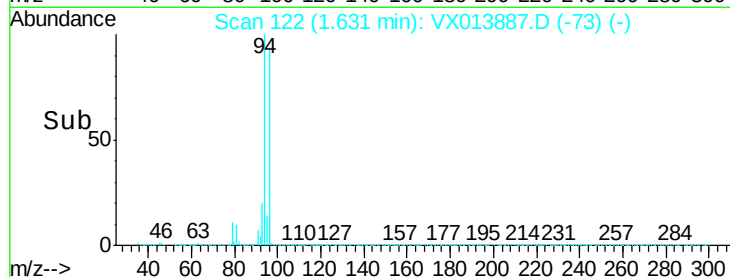
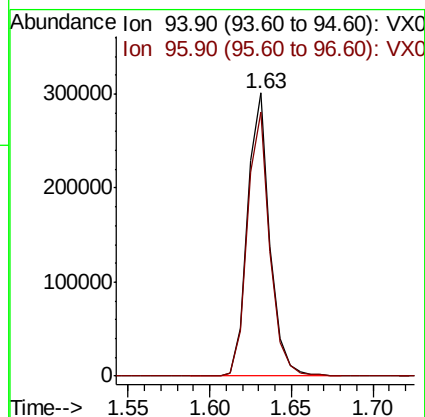
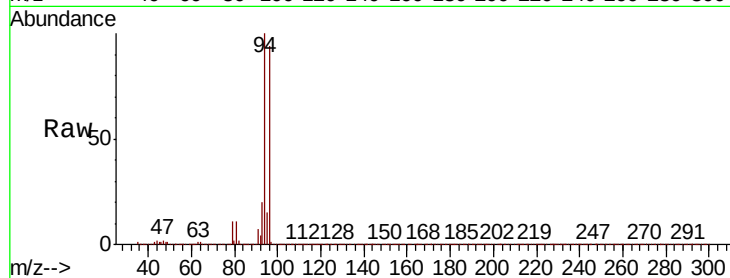
96 93.5 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 45.606 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013887.D

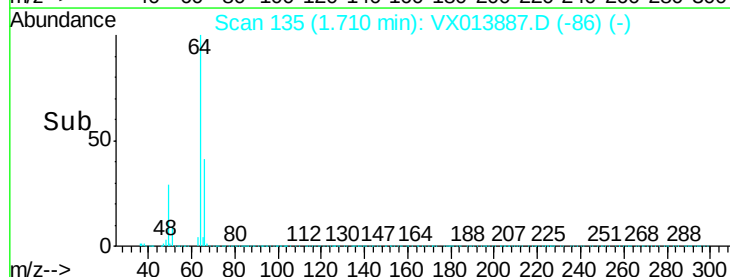
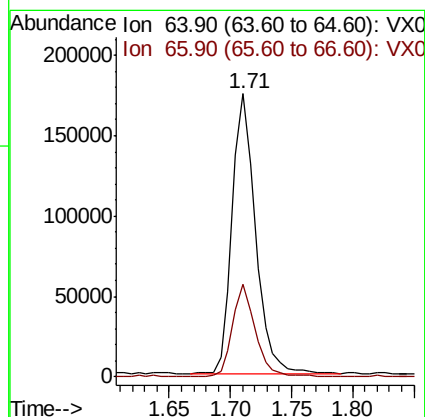
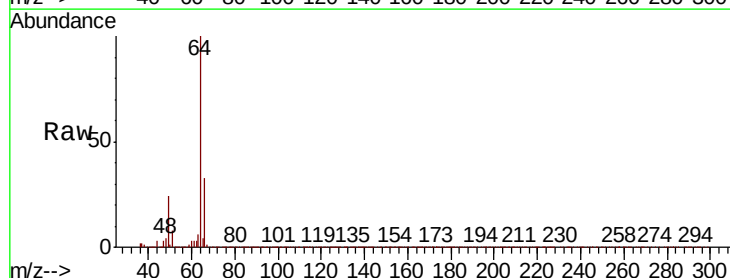
Acq: 10 Dec 2019 10:23

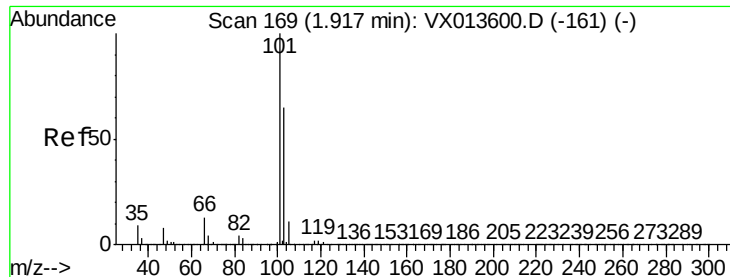
Tgt Ion: 64 Resp: 228974

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

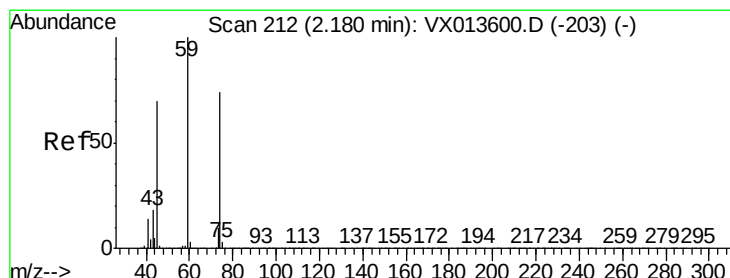
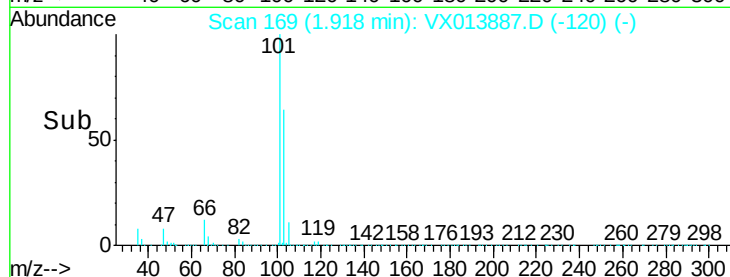
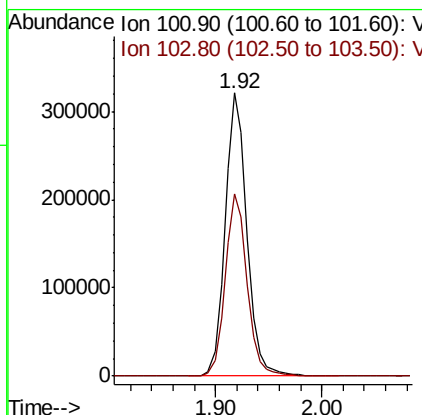
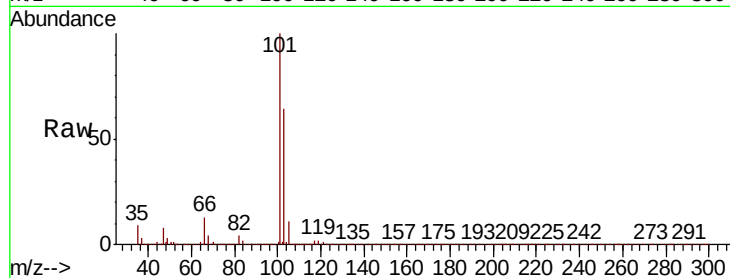
Trichlorofluoromethane
Concen: 46.503 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.6

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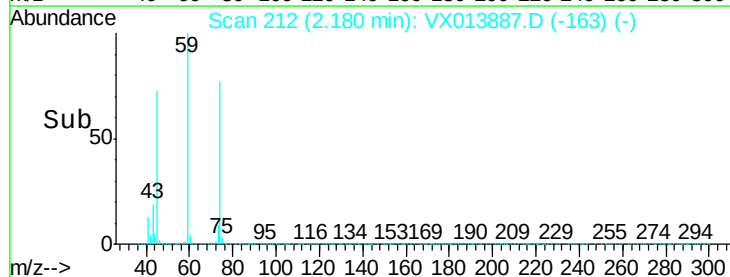
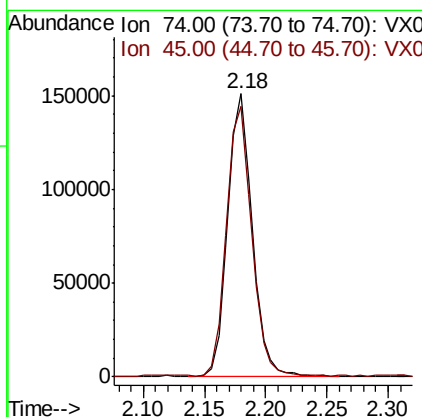
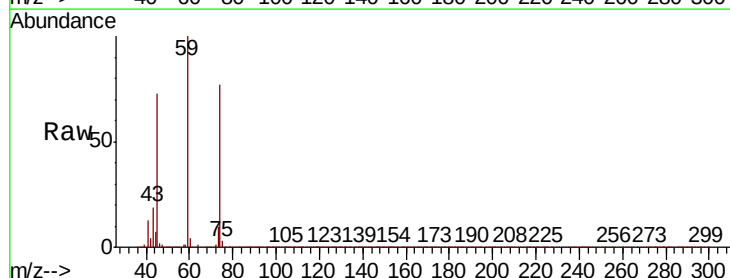
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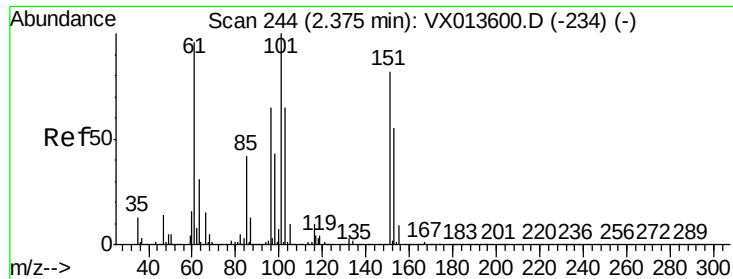


#8

Diethyl Ether
Concen: 47.294 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.978 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

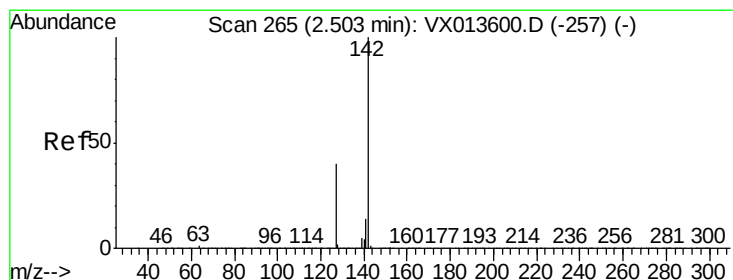
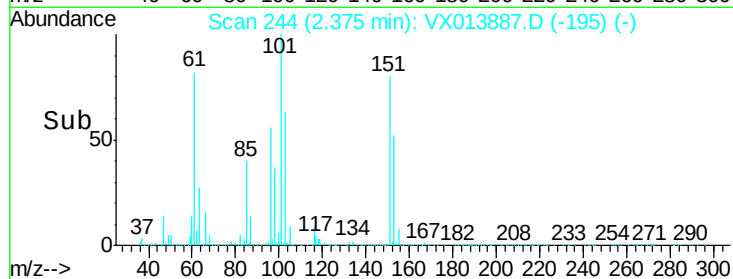
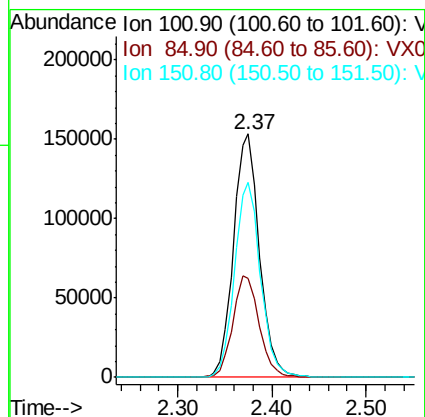
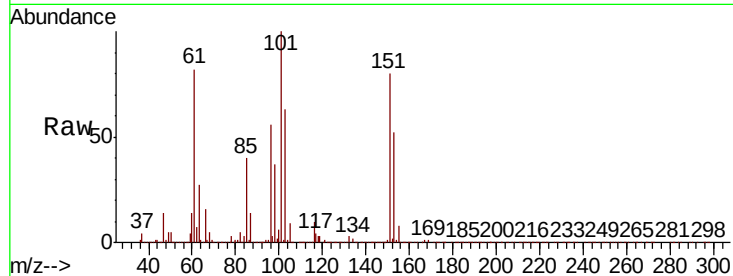
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	293091
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	80.3	64.2	96.2

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#10

Methyl Iodide

Concen: 47.120 ug/l

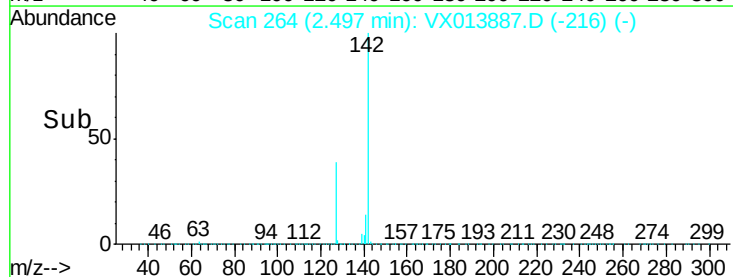
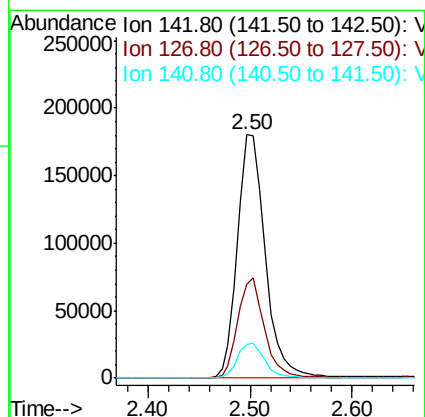
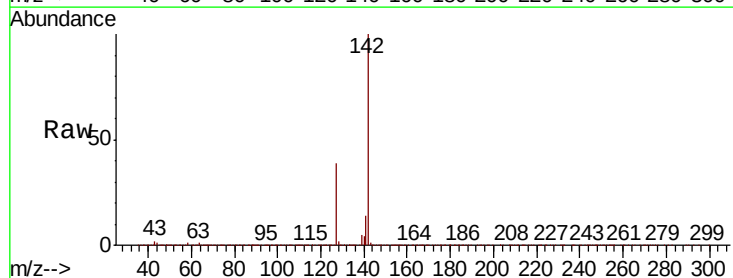
RT: 2.50 min Scan# 264

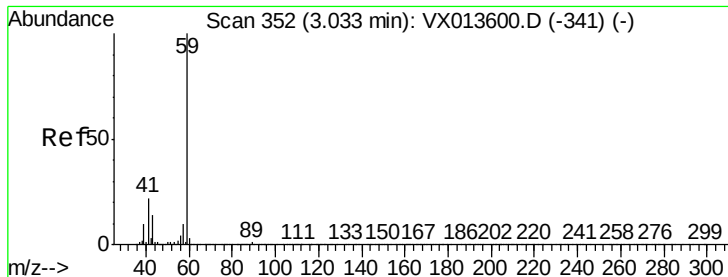
Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	142	Resp:	341096
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.0	46.4
141	14.2	11.6	17.4





#11

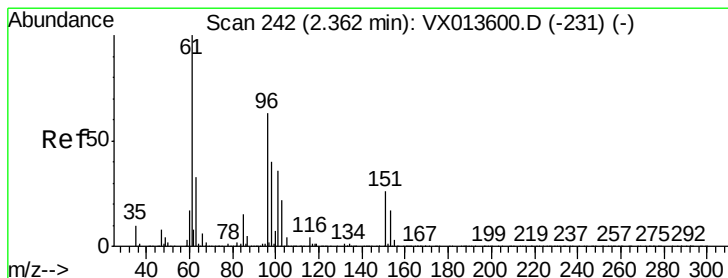
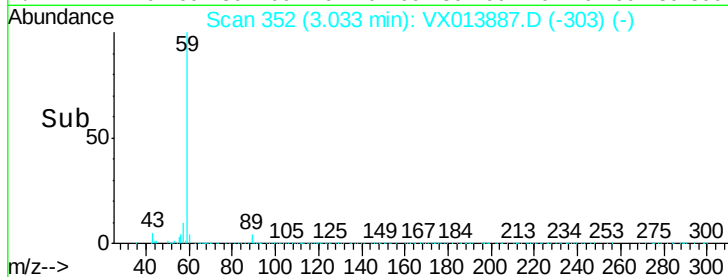
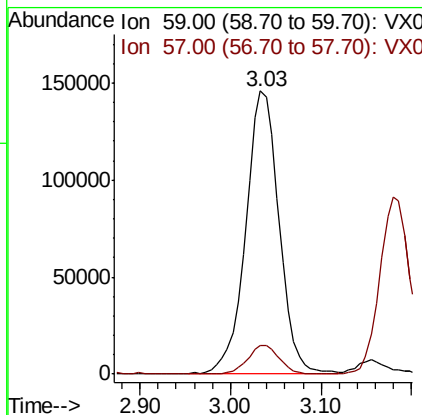
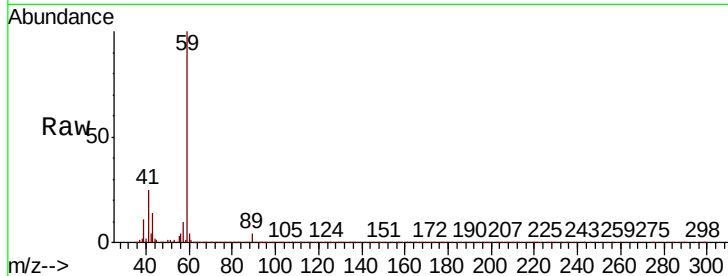
Tert butyl alcohol
Concen: 205.394 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.6

Manual Integrations
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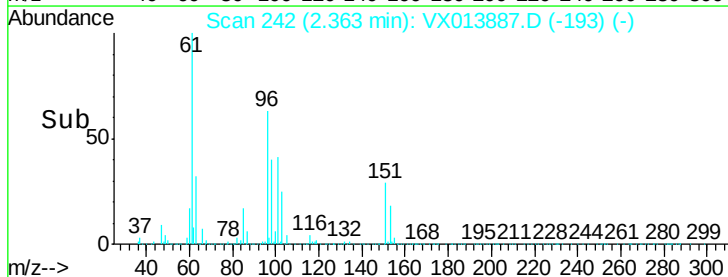
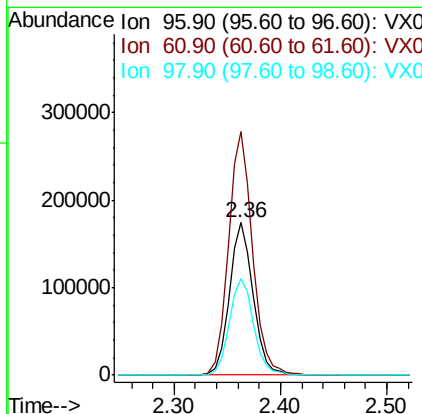
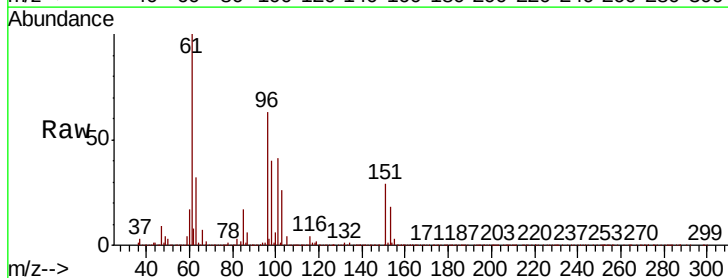
apatel
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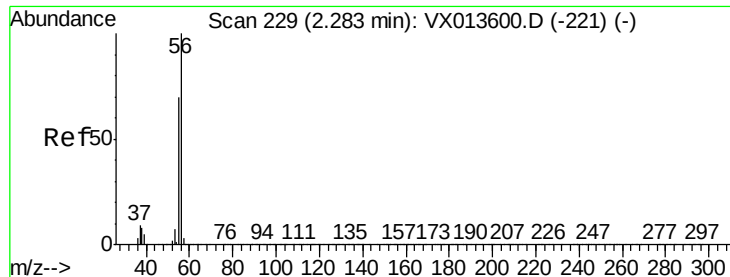


#12

1,1-Dichloroethene
Concen: 45.320 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.6	190.0
98	63.6	50.6	76.0





#13

Acrolein

Concen: 300.814 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 363285

Ion Ratio Lower Upper

56 100

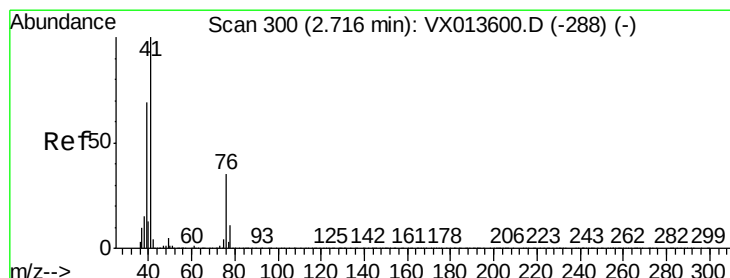
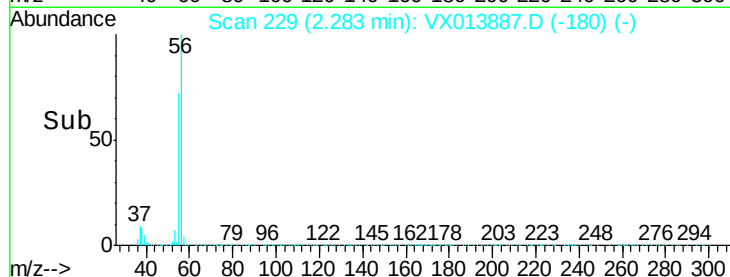
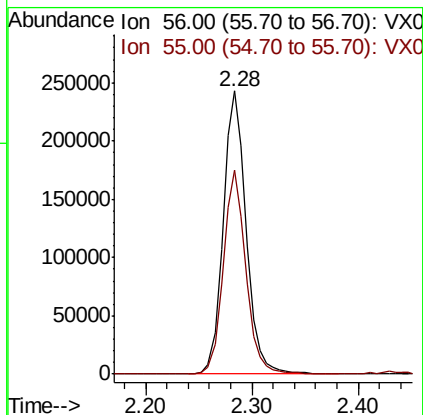
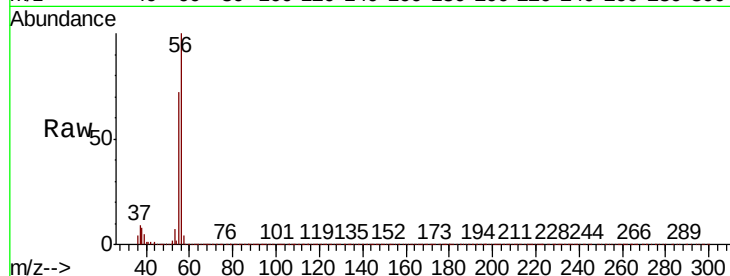
55 70.5 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.652 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

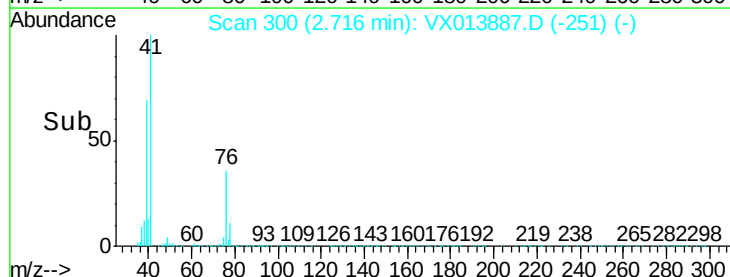
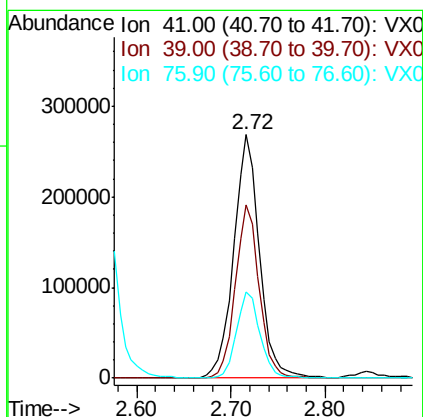
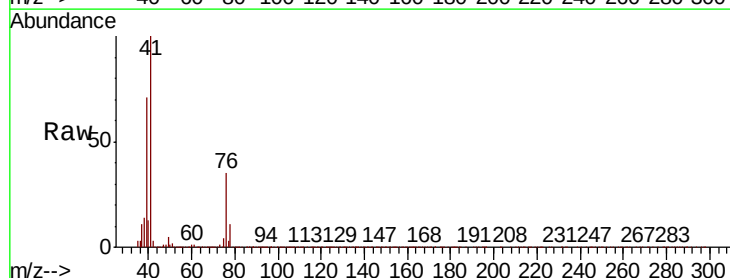
Tgt Ion: 41 Resp: 505706

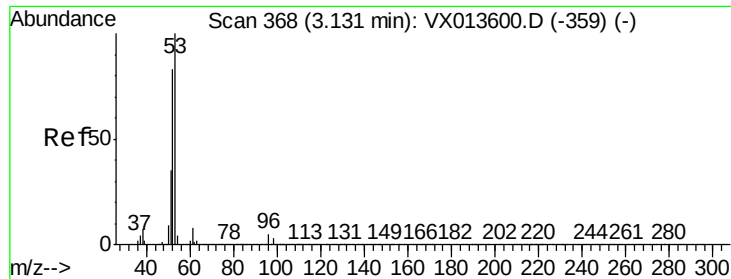
Ion Ratio Lower Upper

41 100

39 66.0 51.7 77.5

76 32.1 25.9 38.9





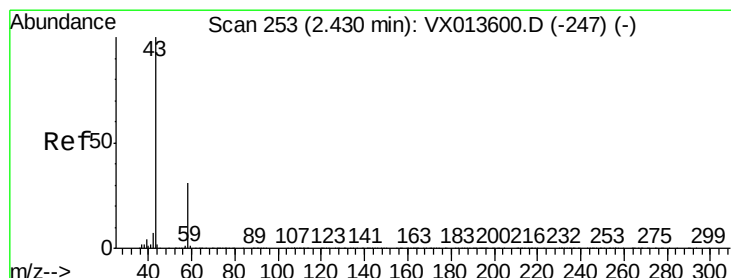
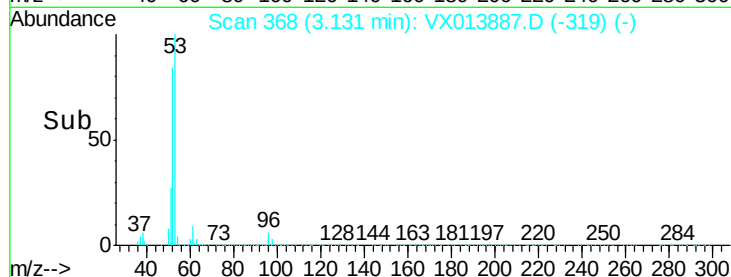
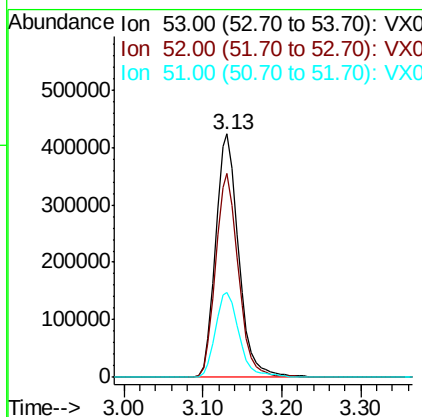
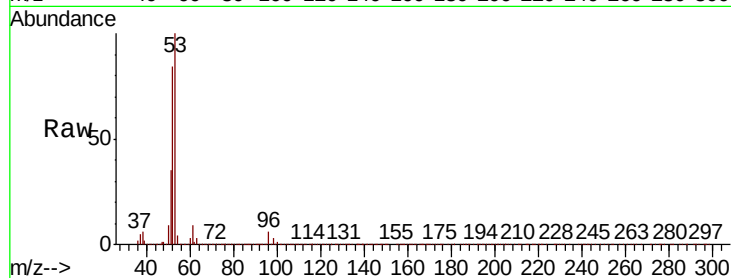
#15
 Acrylonitrile
 Concen: 231.371 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	858867
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.2
51	36.1	29.0	43.6

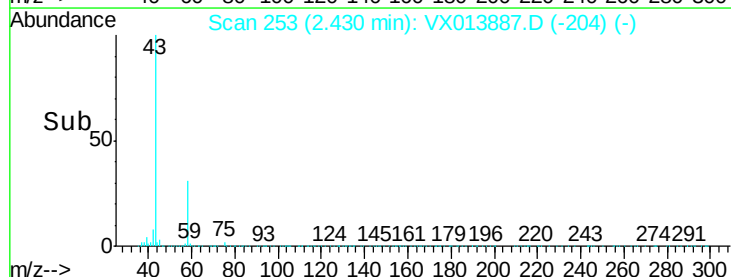
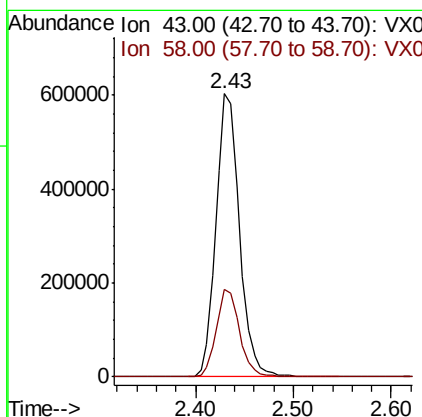
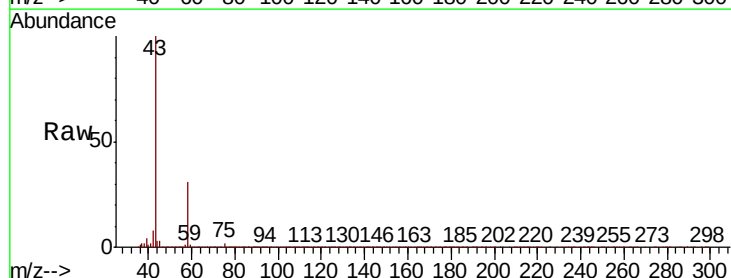
Manual Integrations
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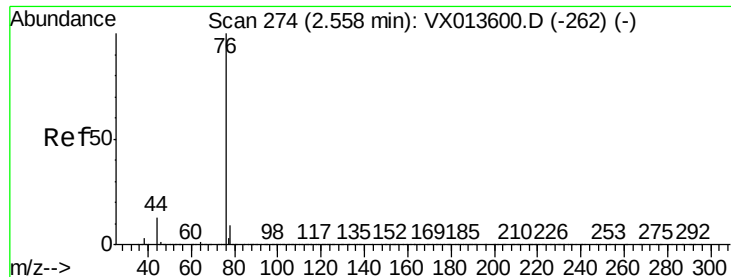
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#16
 Acetone
 Concen: 276.914 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion:	43	Resp:	996065
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	36.8





#17

Carbon Disulfide

Concen: 41.276 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 702834

Ion Ratio Lower Upper

76 100

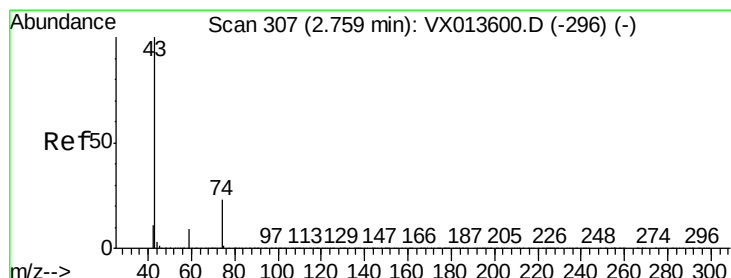
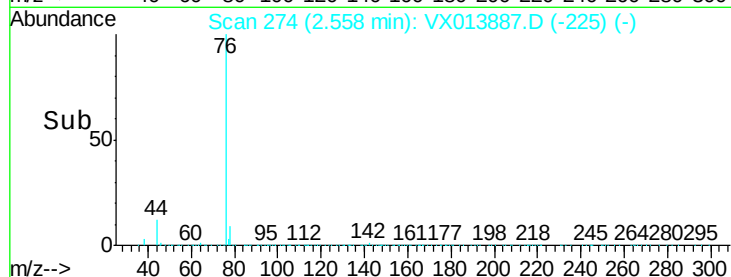
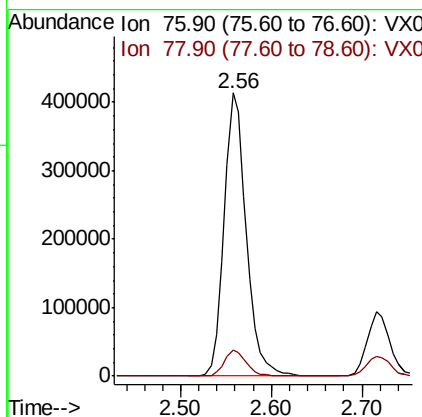
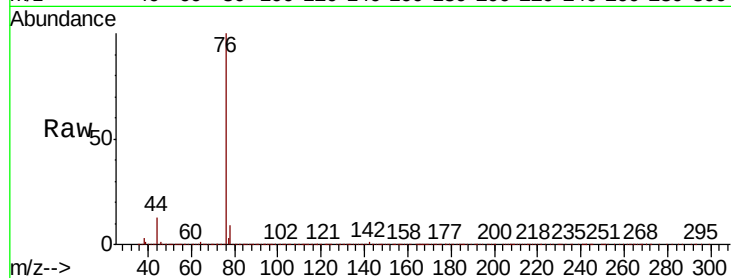
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 49.674 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013887.D

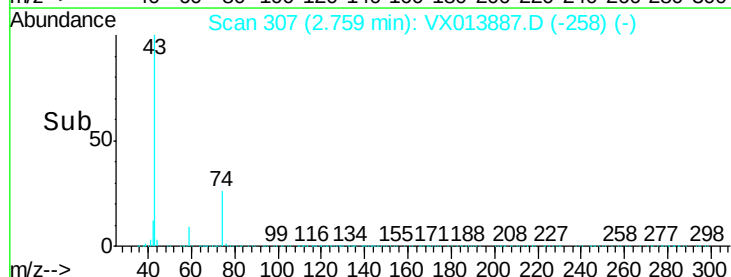
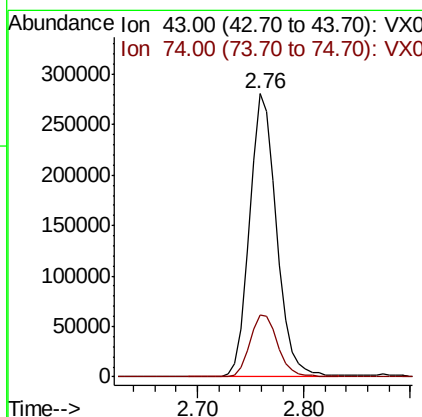
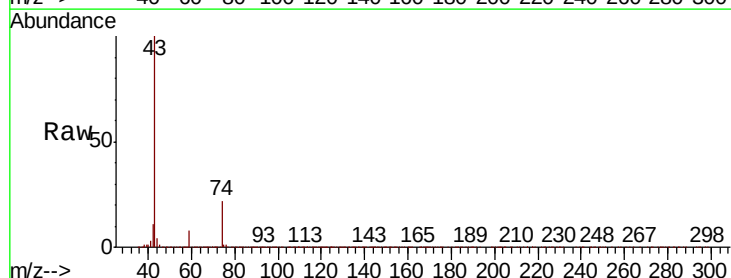
Acq: 10 Dec 2019 10:23

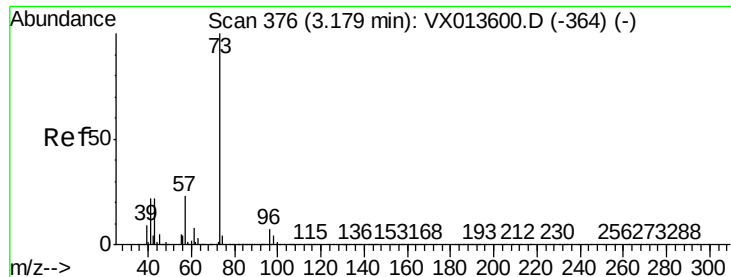
Tgt Ion: 43 Resp: 497546

Ion Ratio Lower Upper

43 100

74 23.3 19.5 29.3





#19

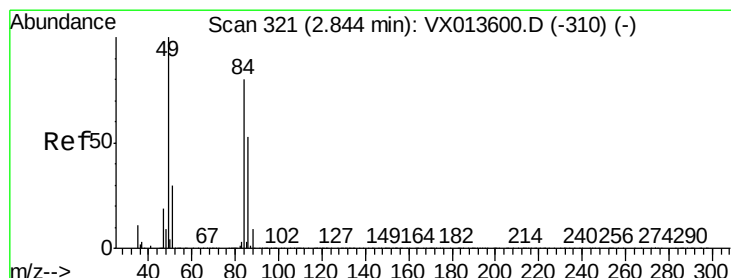
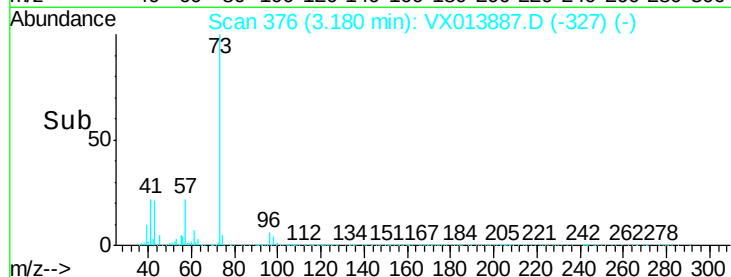
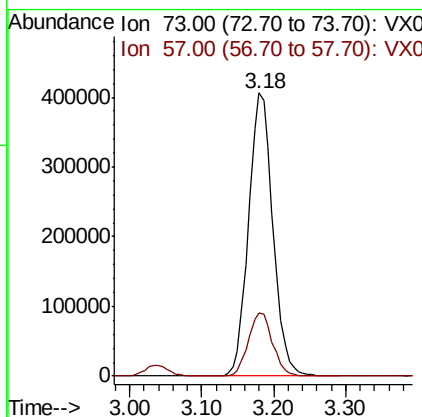
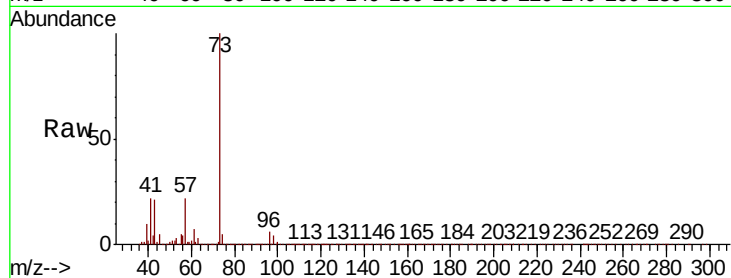
Methyl tert-butyl Ether
 Concen: 47.952 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.3	27.5

Manual Integrations
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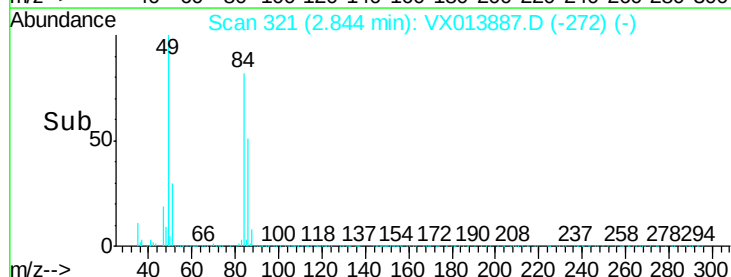
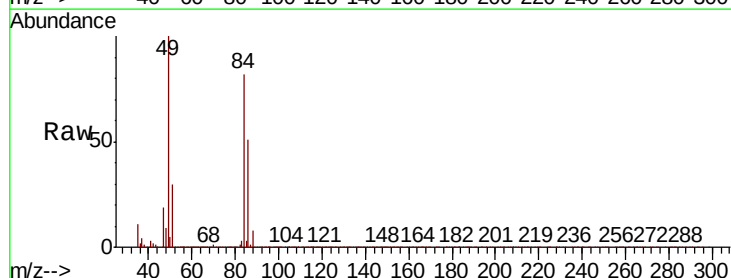
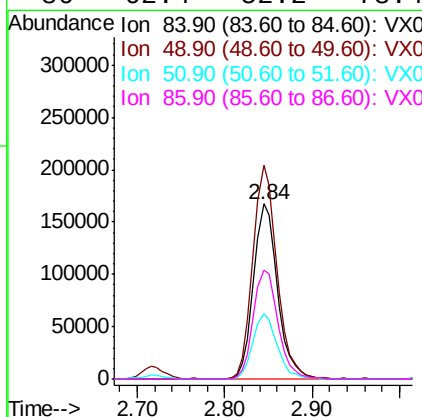
apatel
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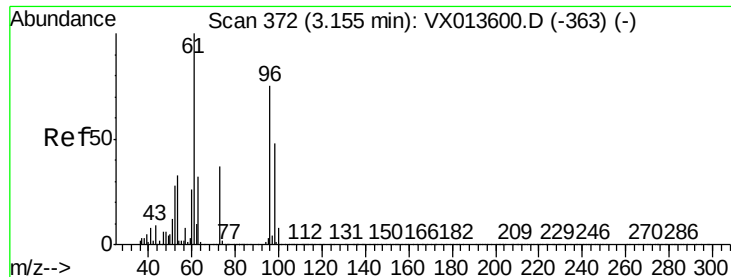


#20

Methylene Chloride
 Concen: 46.145 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	99.7	149.5
51	37.0	29.9	44.9
86	62.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.375 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

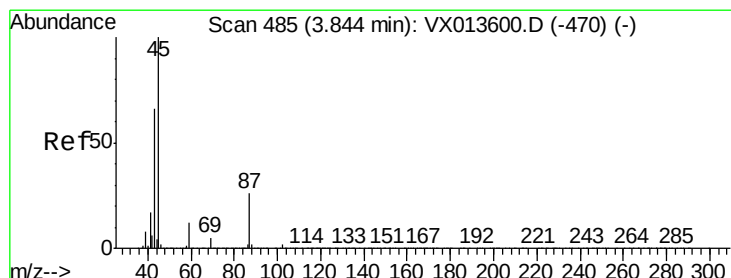
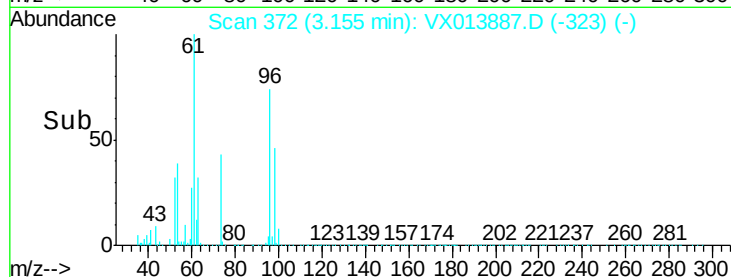
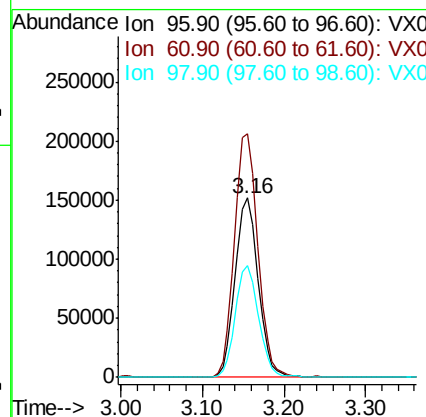
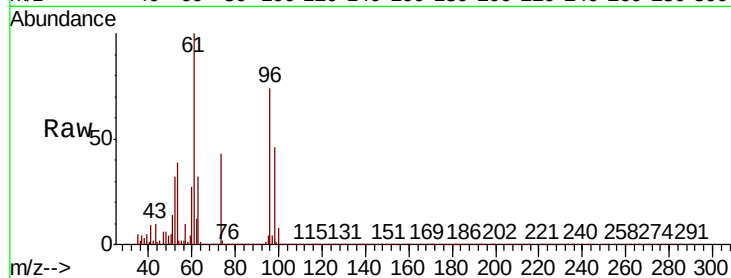
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	295261
Ion Ratio	Lower	Upper	
96	100		
61	135.9	107.2	160.8
98	62.6	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.355 ug/l

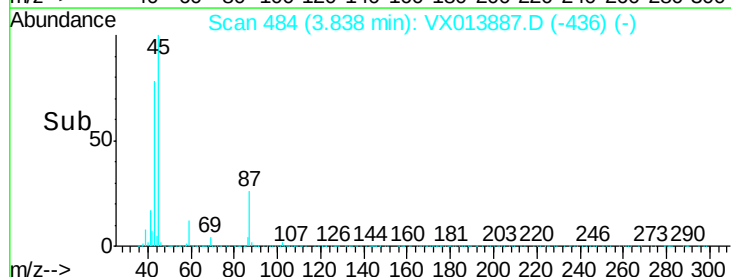
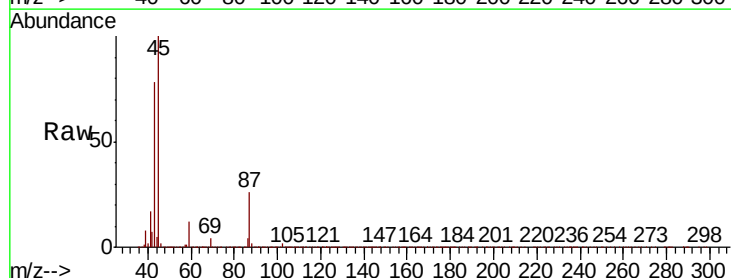
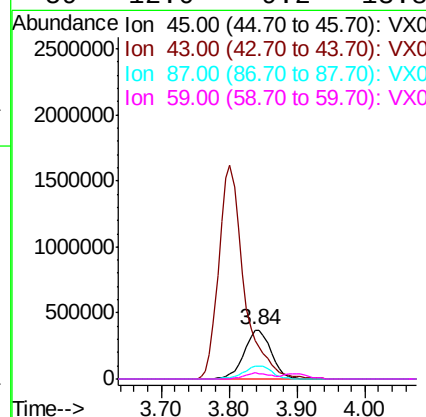
RT: 3.84 min Scan# 484

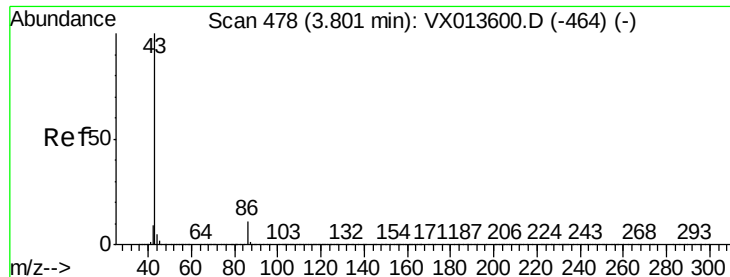
Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	45	Resp:	1030159
Ion Ratio	Lower	Upper	
45	100		
43	77.5	52.6	79.0
87	26.2	21.1	31.7
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 239.645 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4161146

Ion Ratio Lower Upper

43 100

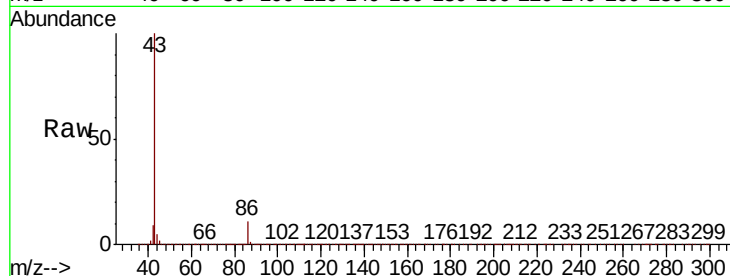
86 10.7 8.7 13.1

Manual Integrations

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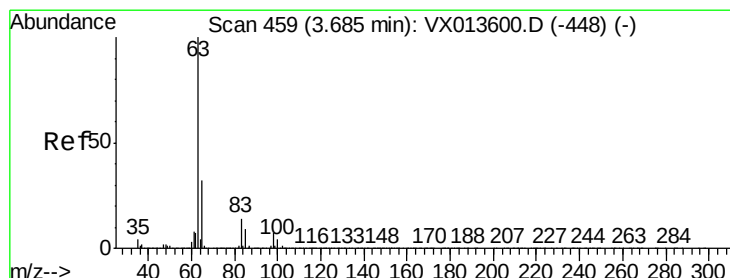
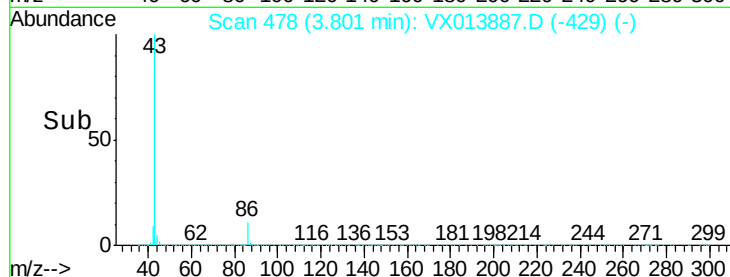
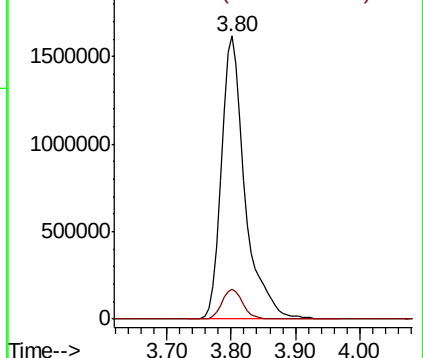
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.239 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

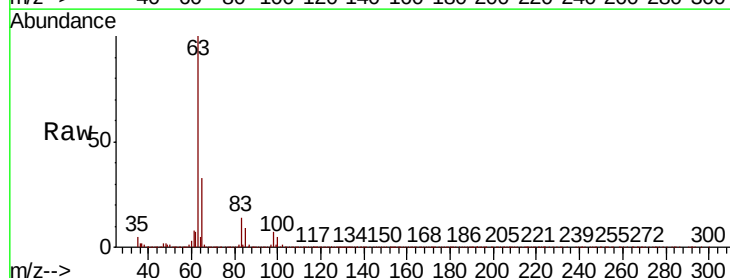
Tgt Ion: 63 Resp: 550419

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

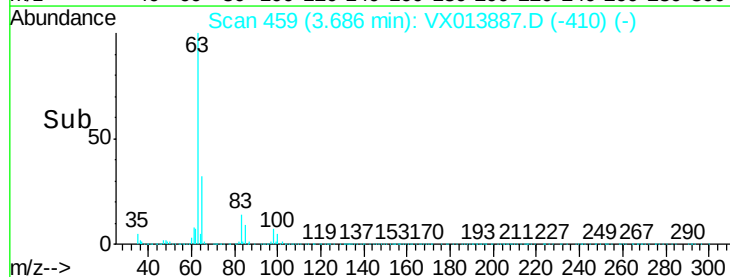
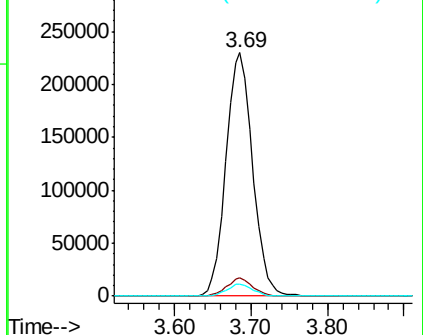
100 4.7 2.1 6.3

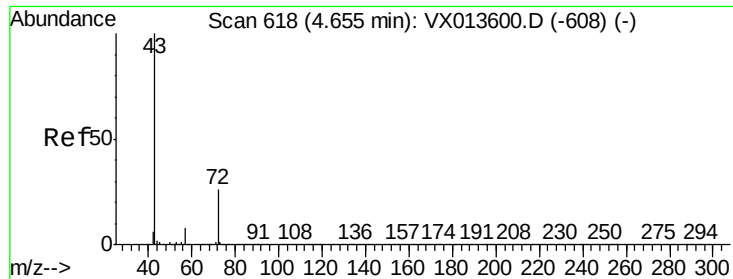


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.002 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tot Ion: 43 Resp: 1331126

Ion Ratio Lower Upper

43 100

72 25.3 20.6 31.0

Instrument :

MSVOA_X

ClientSampleId :

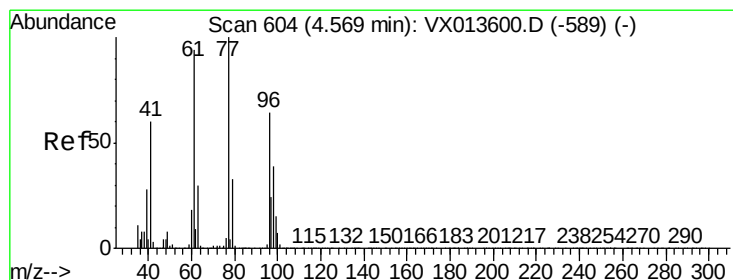
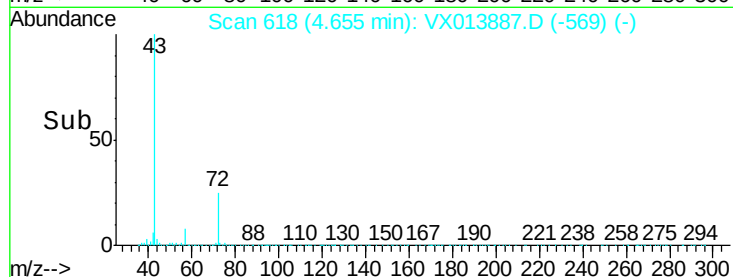
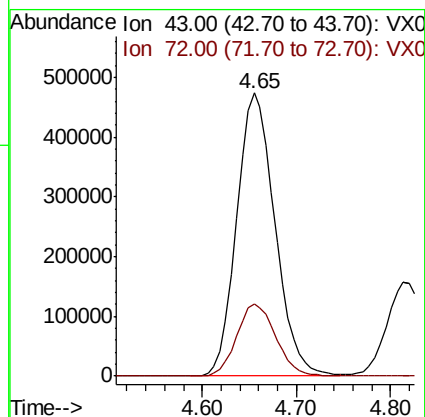
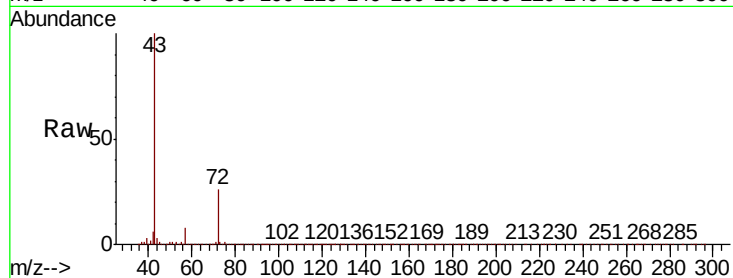
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.601 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013887.D

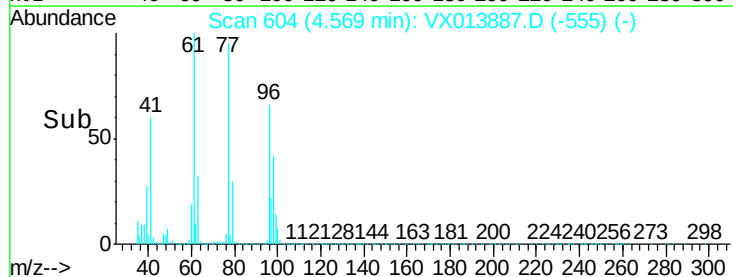
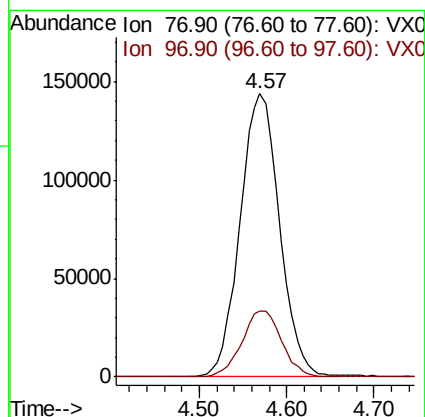
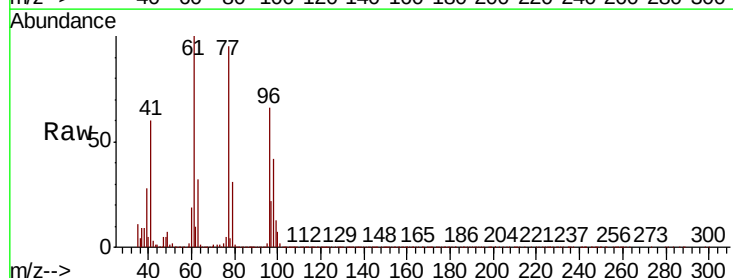
Acq: 10 Dec 2019 10:23

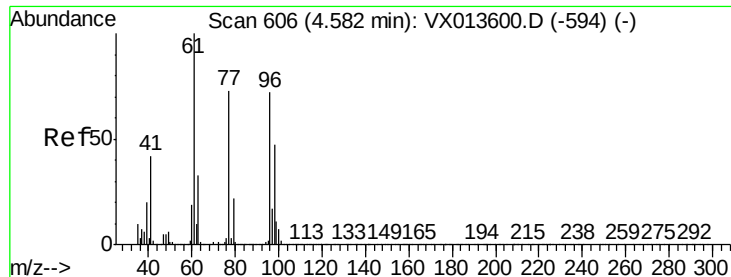
Tgt Ion: 77 Resp: 449383

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

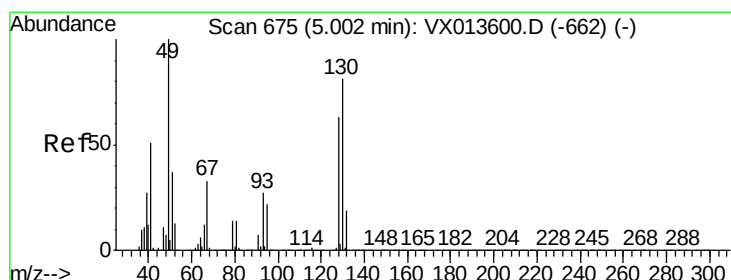
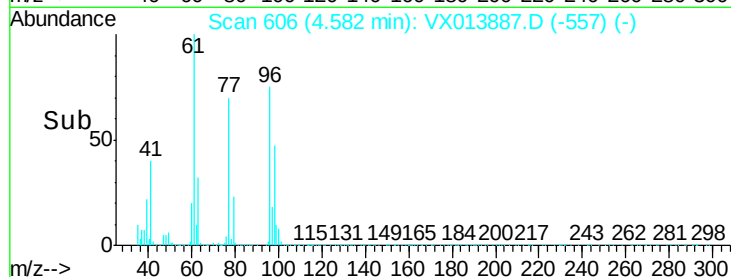
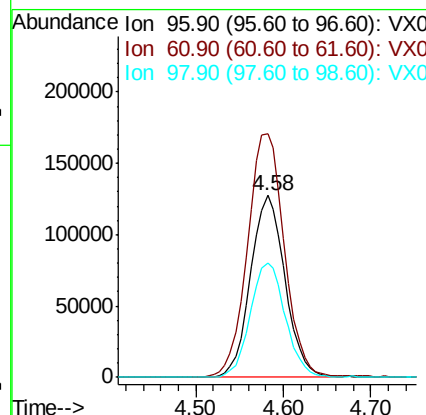
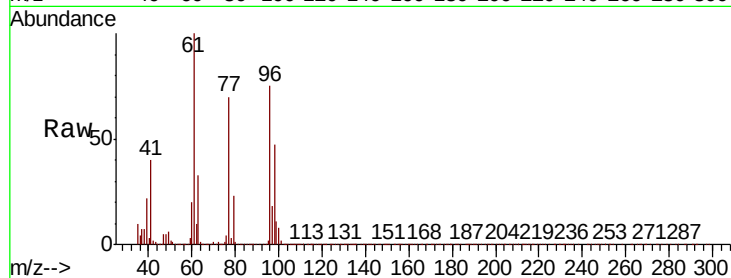
cis-1,2-Dichloroethene
Concen: 46.461 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	347196		
61	143.4	0.0	286.4	
98	64.2	0.0	127.4	

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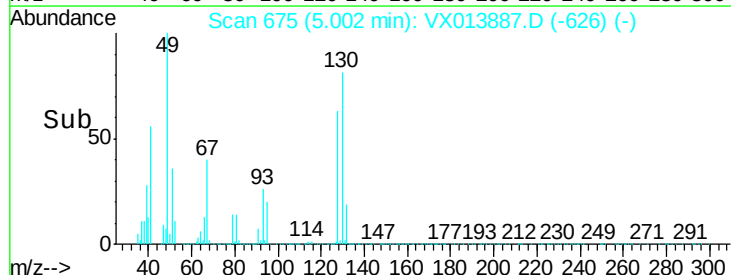
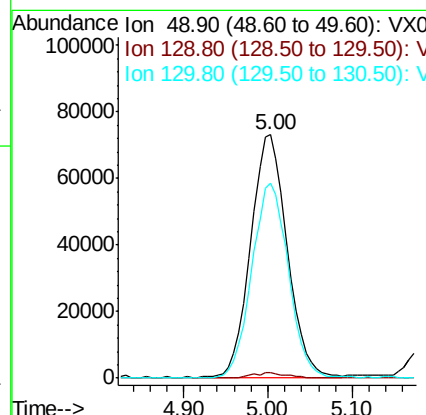
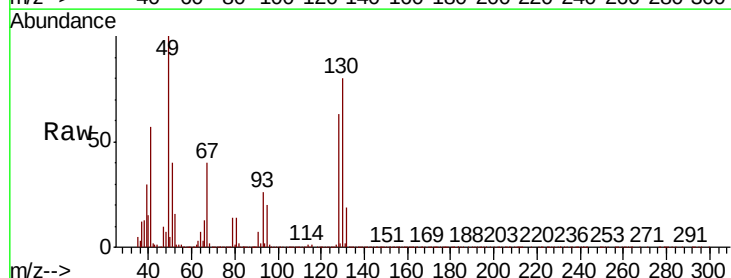
apatel
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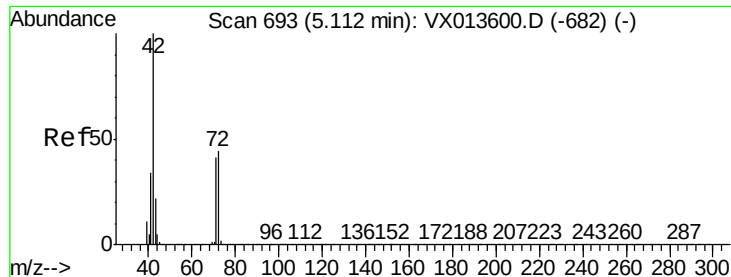


#28

Bromochloromethane
Concen: 47.803 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	215550		
129	2.3	0.0	5.0	
130	80.7	65.4	98.0	





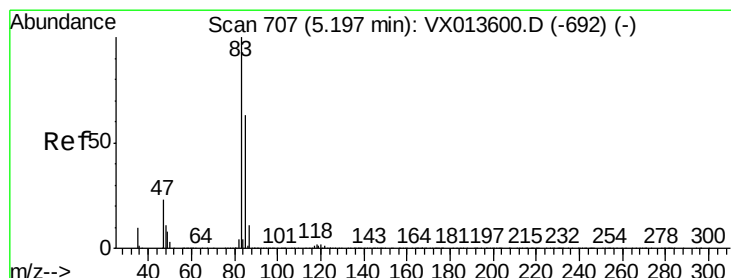
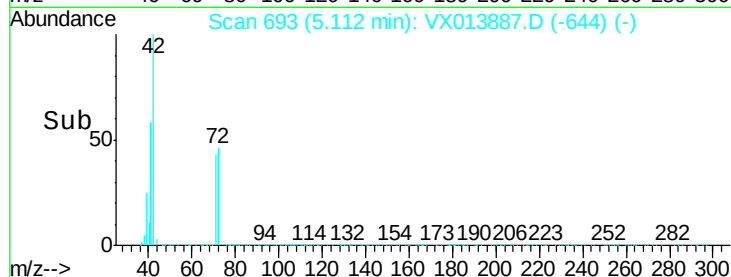
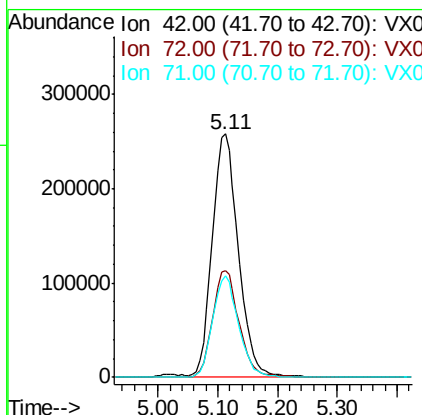
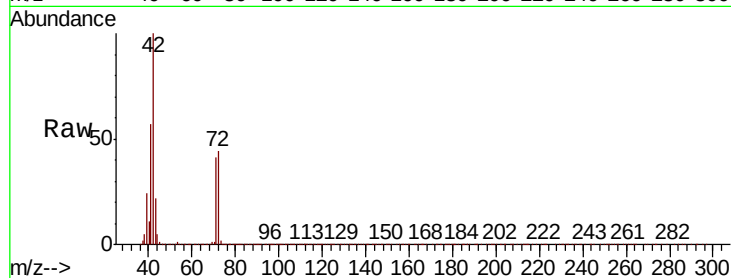
#29
Tetrahydrofuran
Concen: 235.989 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.3	54.5
71	41.4	33.2	49.8

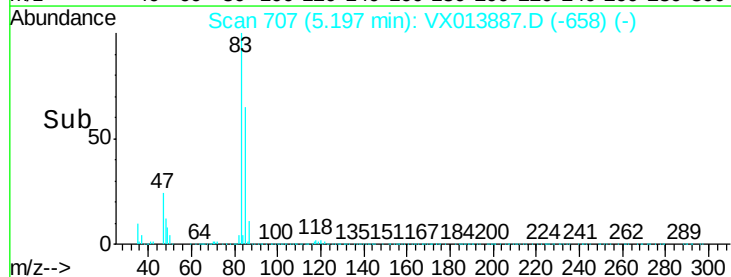
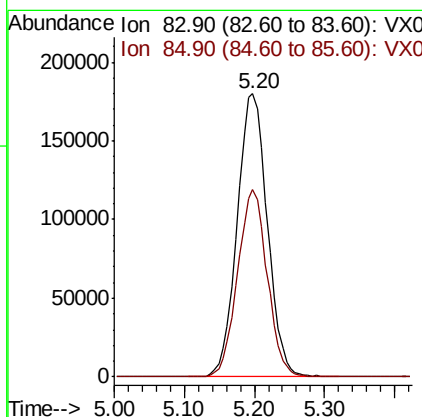
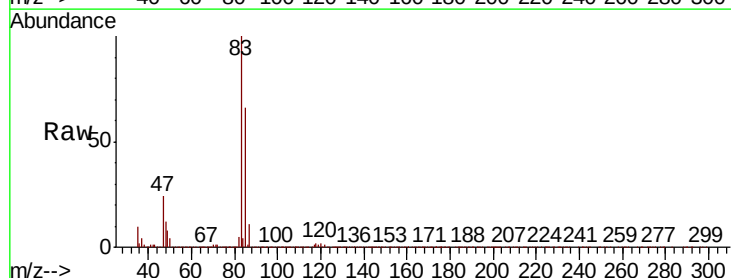
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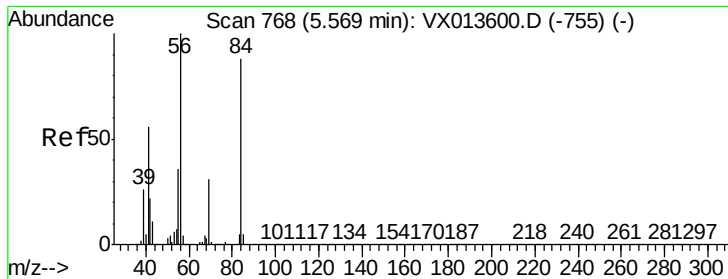
apatel
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#30
Chloroform
Concen: 46.548 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.2	75.4





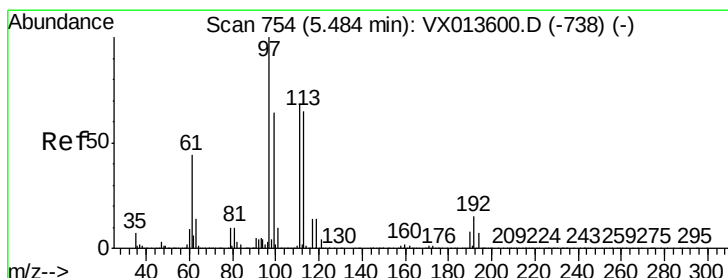
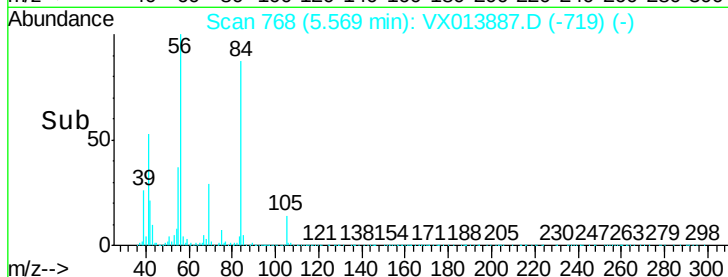
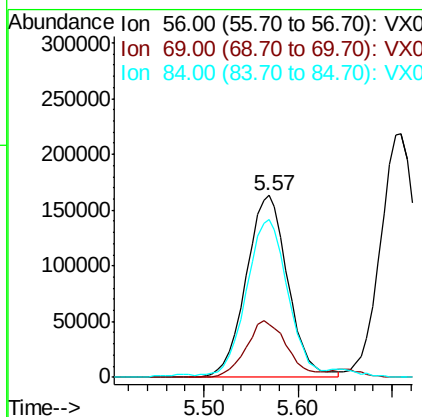
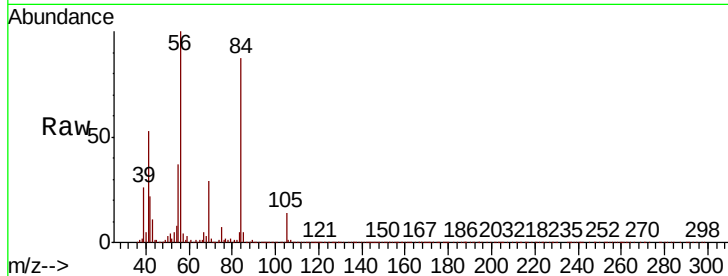
#31
Cyclohexane
Concen: 46.746 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.6	36.8
84	85.4	70.0	105.0

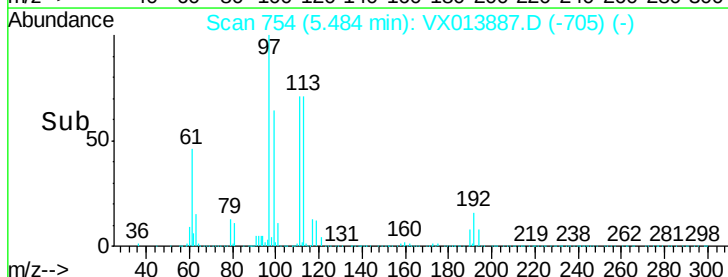
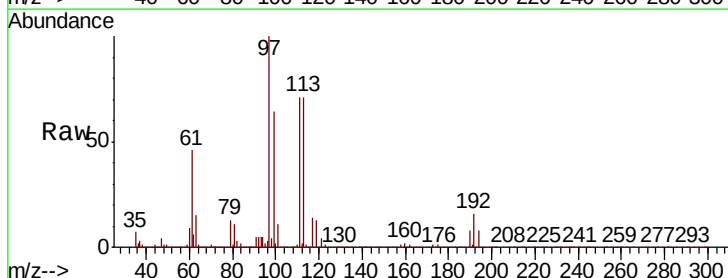
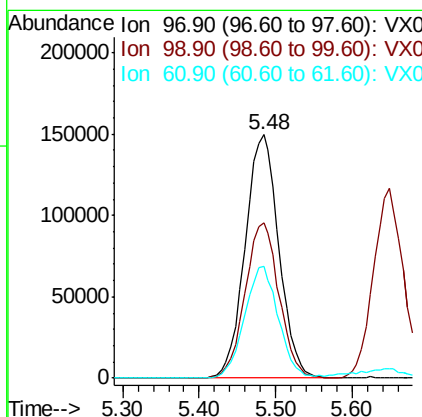
Manual Integrations
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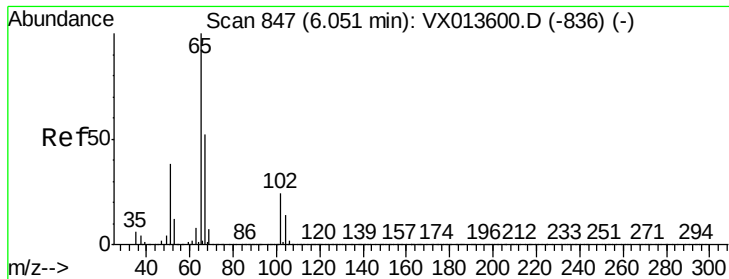
apatel
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#32
1,1,1-Trichloroethane
Concen: 47.229 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.9	36.1	54.1





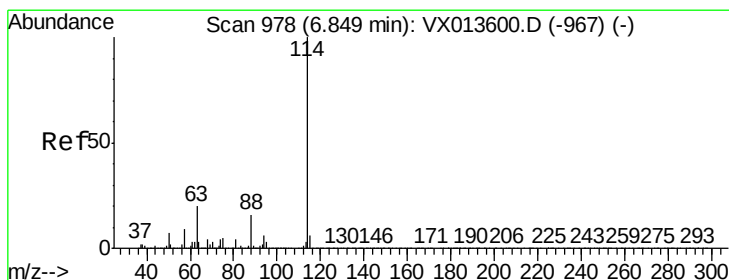
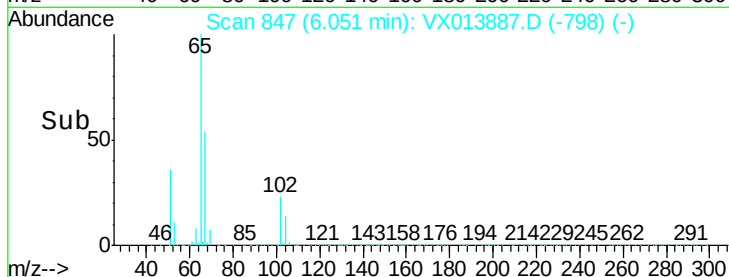
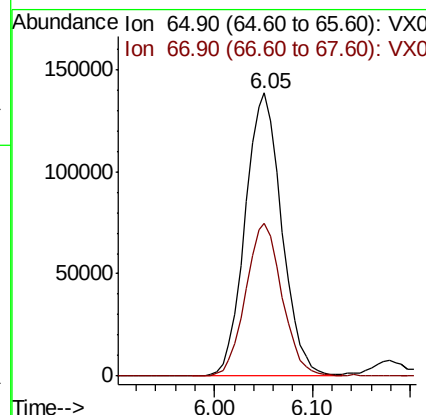
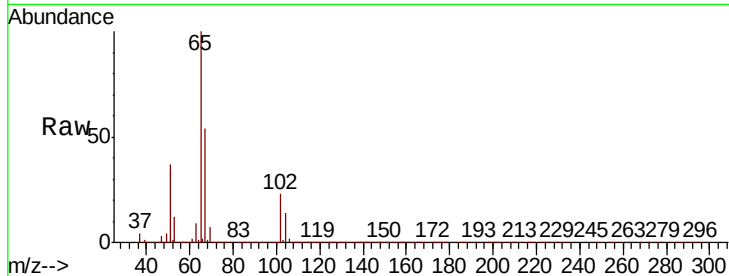
#33
 1,2-Dichloroethane-d4
 Concen: 49.226 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4

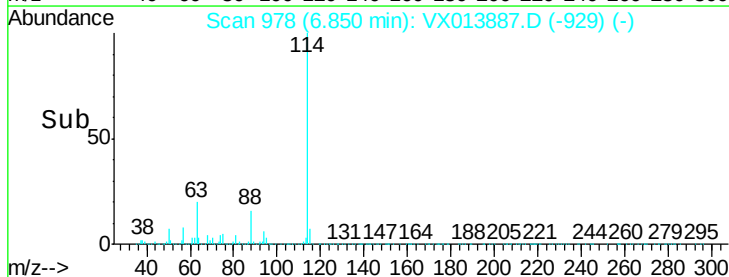
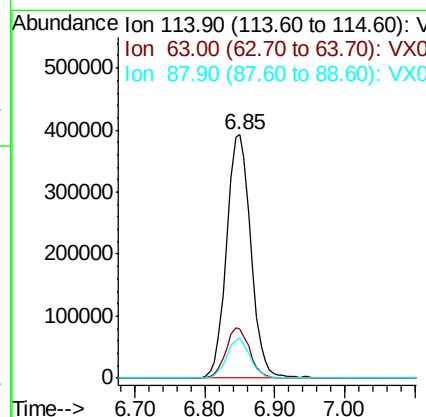
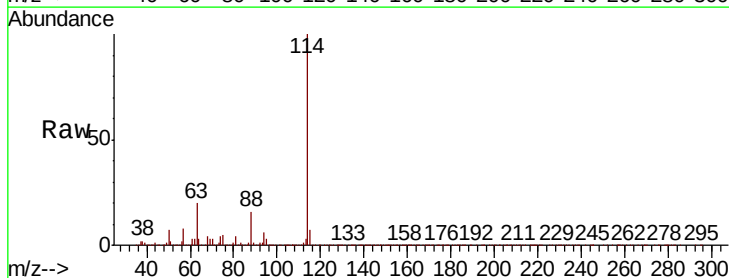
Manual Integrations
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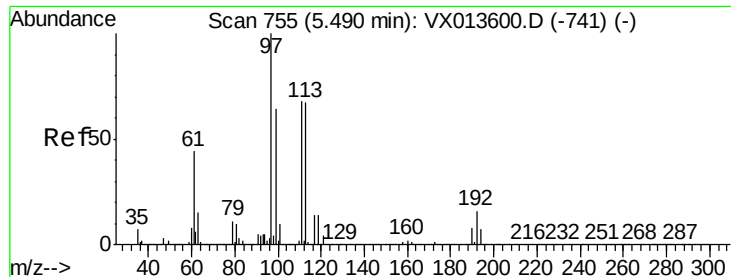
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.4	0.0	31.4





#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

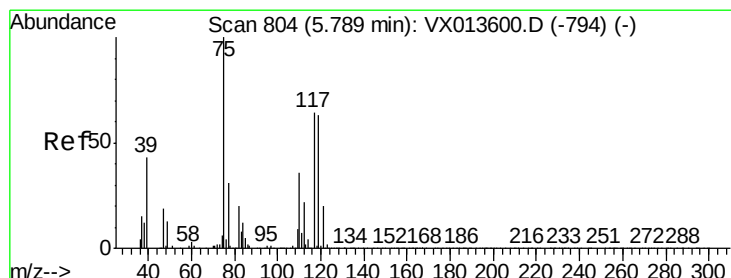
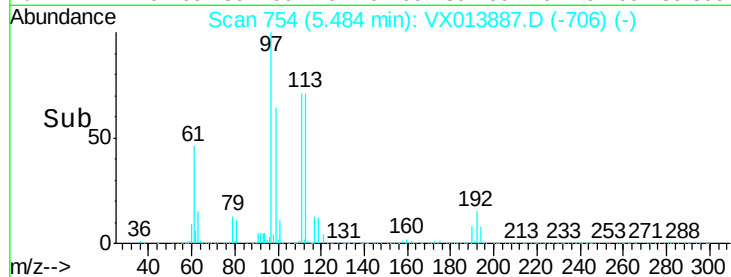
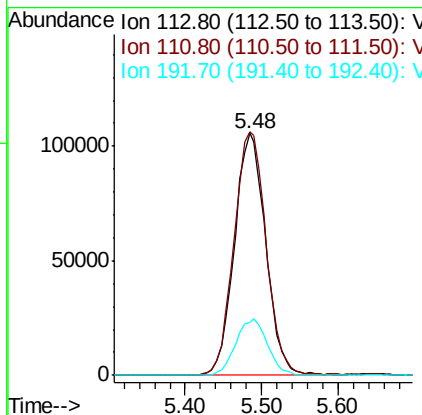
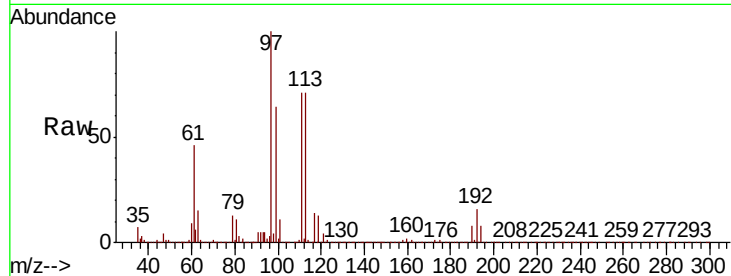
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	299493
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.6	125.4
192	23.8	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.705 ug/l

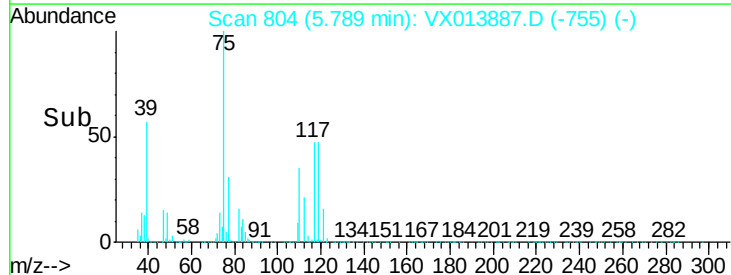
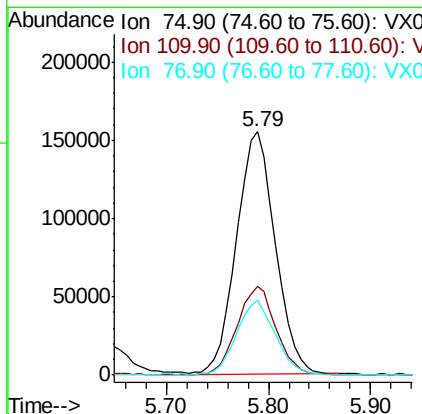
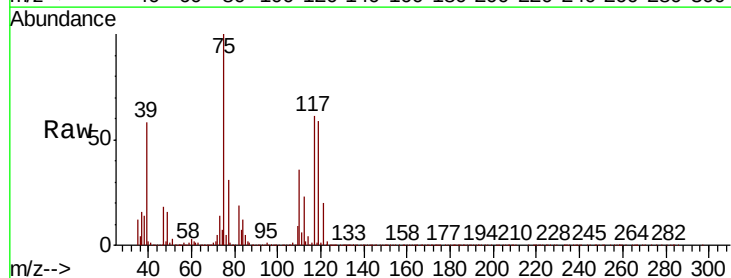
RT: 5.79 min Scan# 804

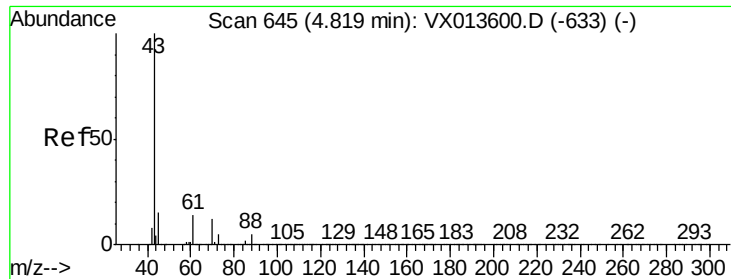
Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	75	Resp:	409126
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.6	24.5	36.7





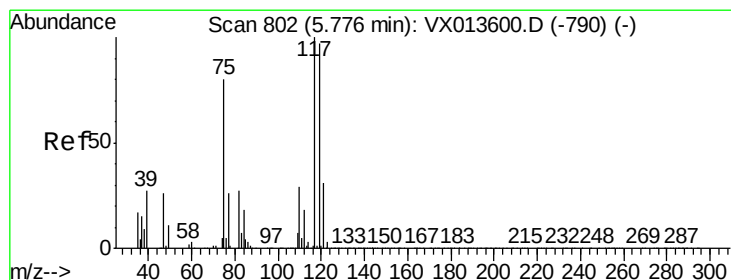
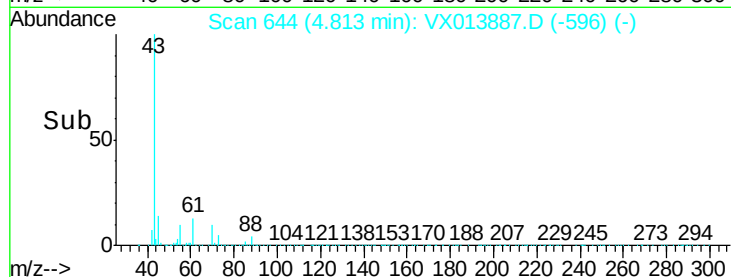
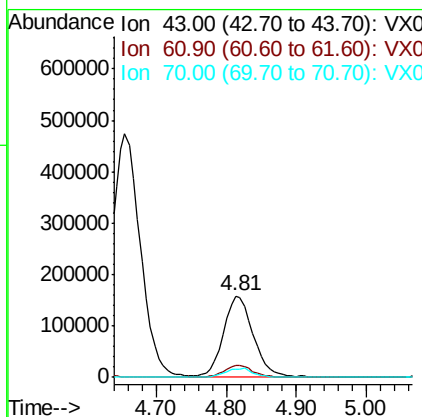
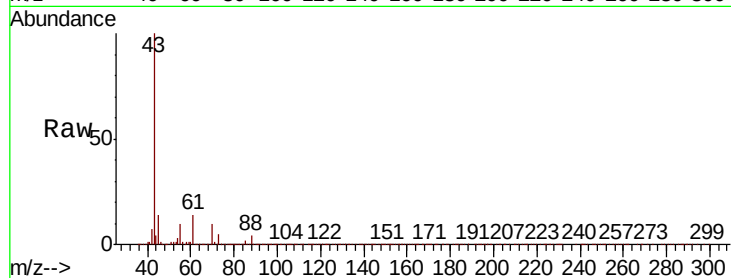
#37
Ethyl Acetate
Concen: 48.024 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	462046
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.6	8.6	12.8

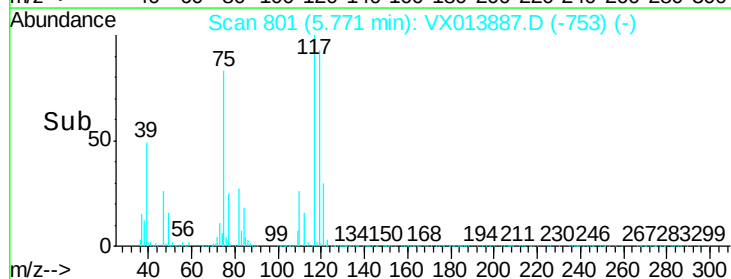
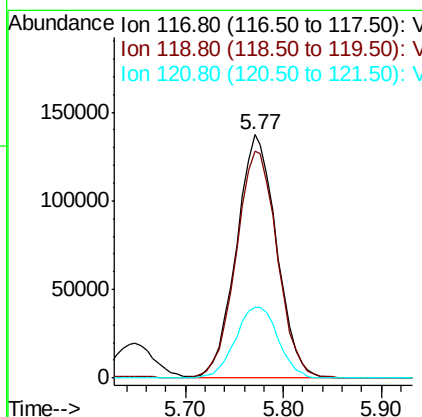
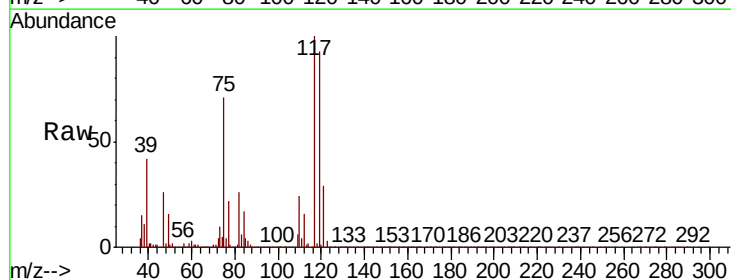
Manual Integrations
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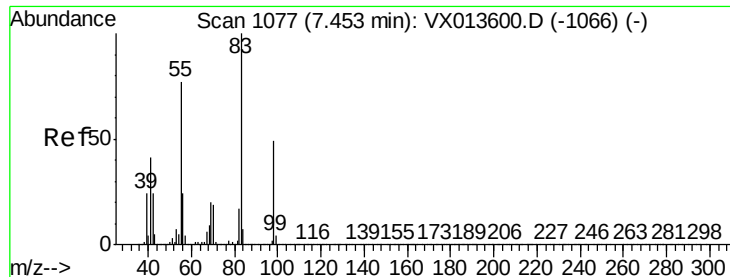
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#38
Carbon Tetrachloride
Concen: 49.433 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	117	Resp	390916
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.5	116.3
121	29.2	25.0	37.6





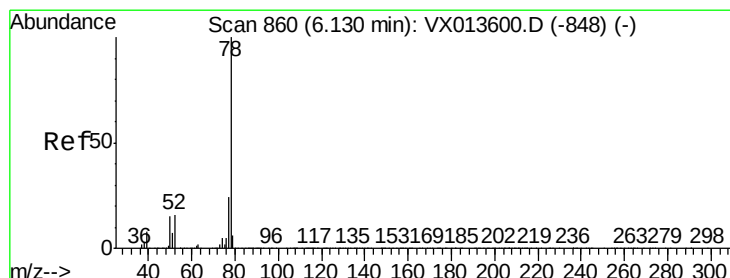
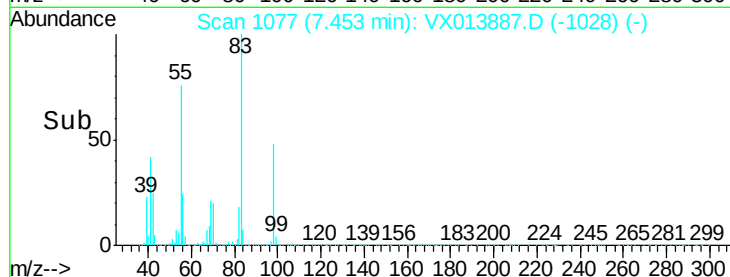
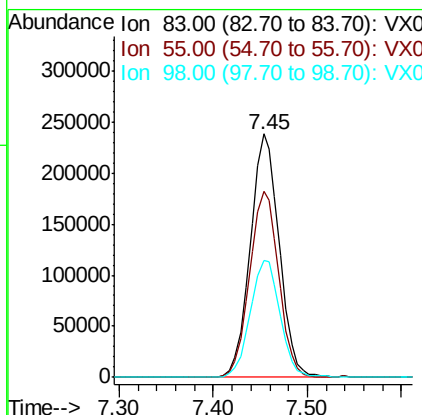
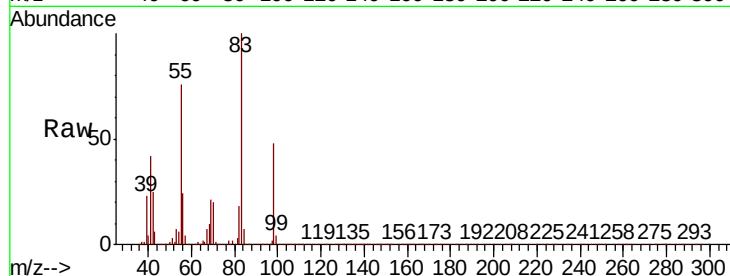
#39
Methvlcvclohexane
Concen: 48.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.9	92.9
98	48.1	39.4	59.0

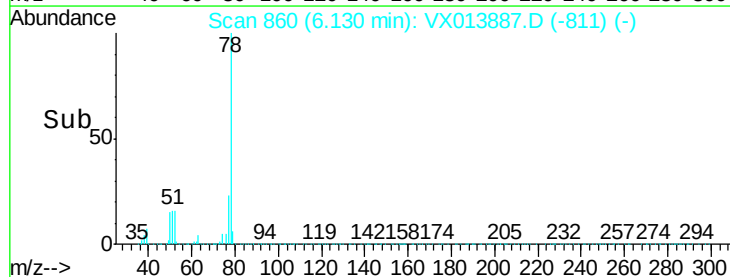
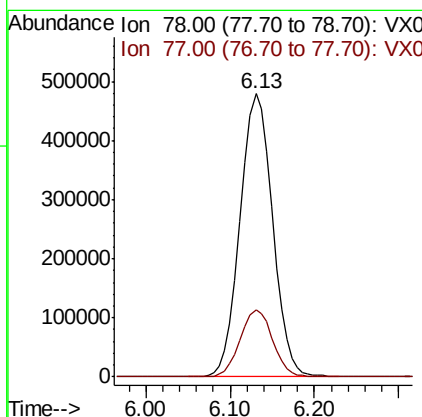
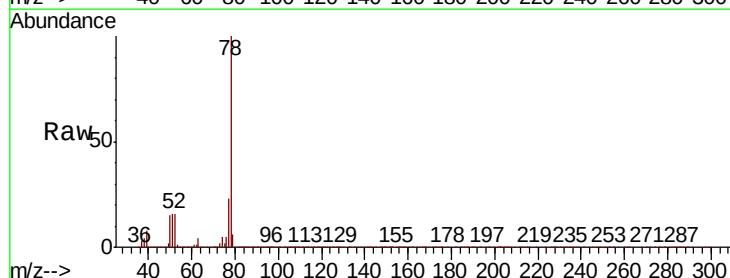
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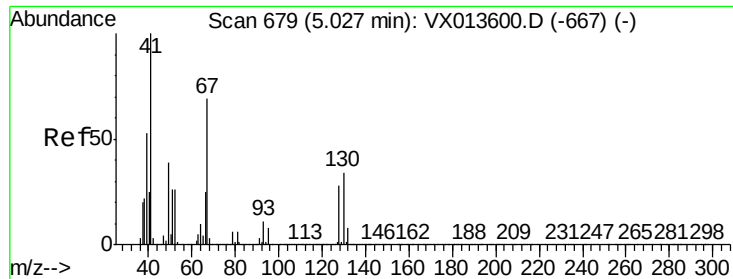
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#40
Benzene
Concen: 47.955 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





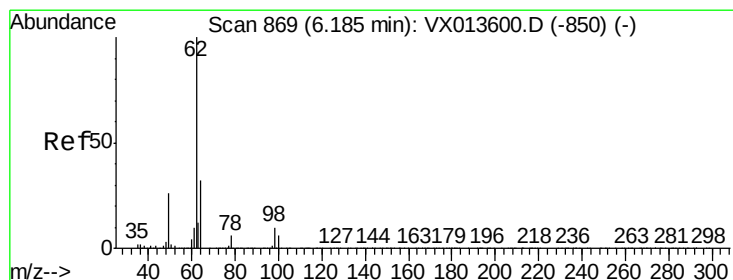
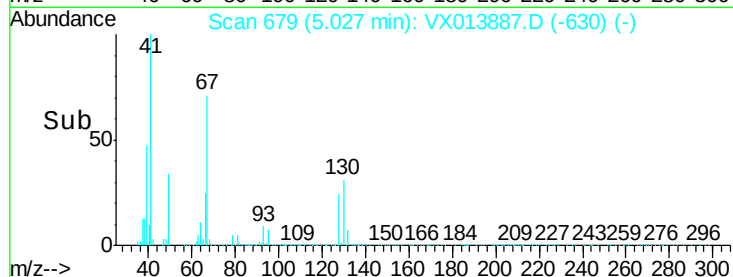
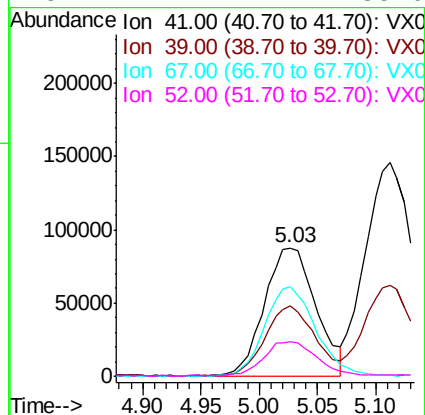
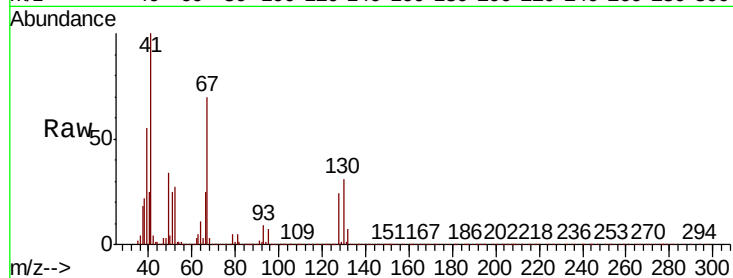
#41
Methacrylonitrile
Concen: 50.820 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		268149		
39	53.1	42.9	64.3		
67	68.9	57.4	86.0		
52	27.4	22.4	33.6		

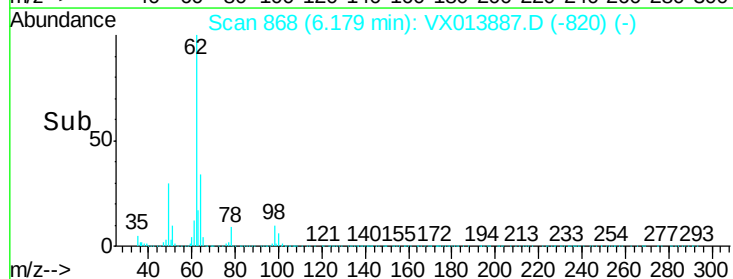
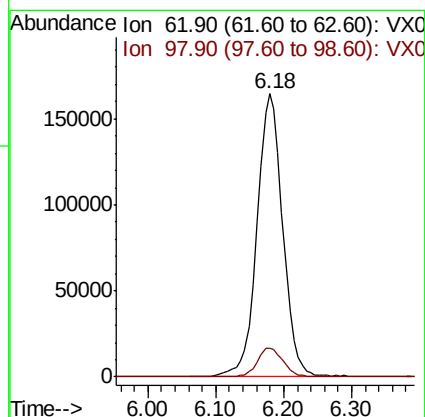
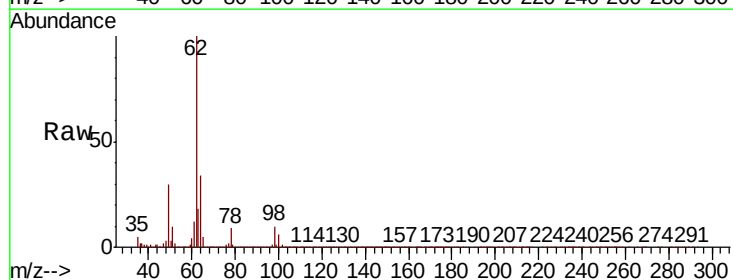
Manual Integrations
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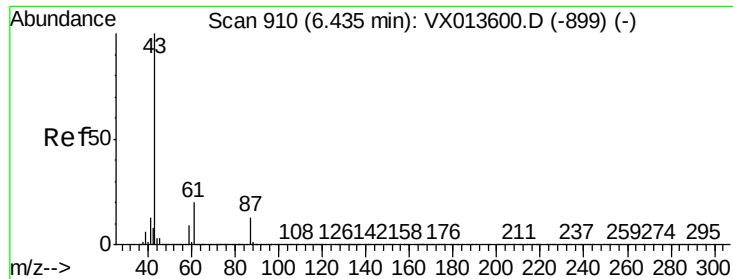
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#42
1,2-Dichloroethane
Concen: 48.619 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		433101		
98	10.3	0.0	20.8		





#43

Isopropyl Acetate

Concen: 48.517 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

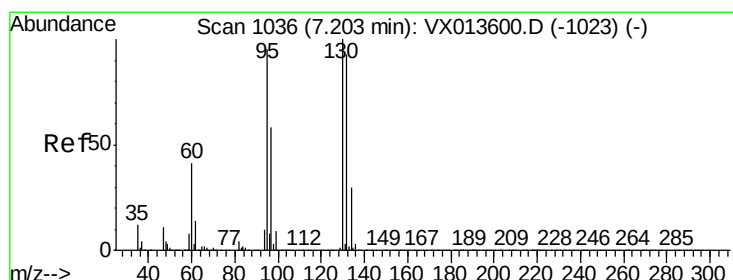
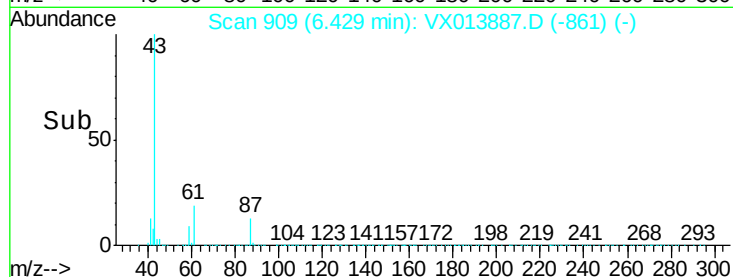
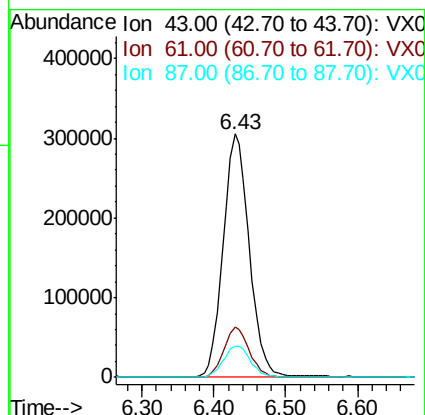
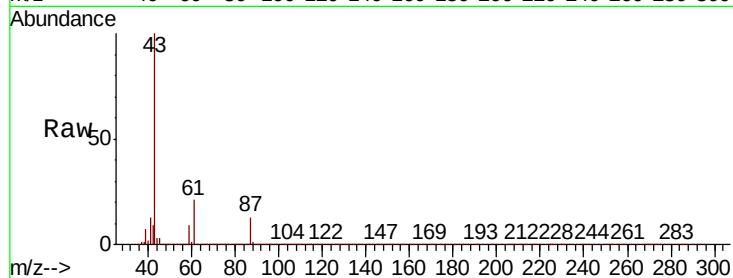
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	768479
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.3	24.5
87	13.2	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 47.640 ug/l

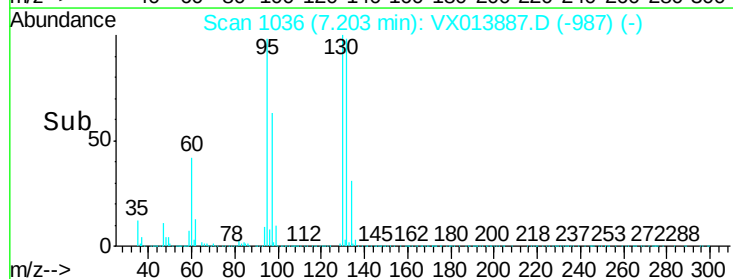
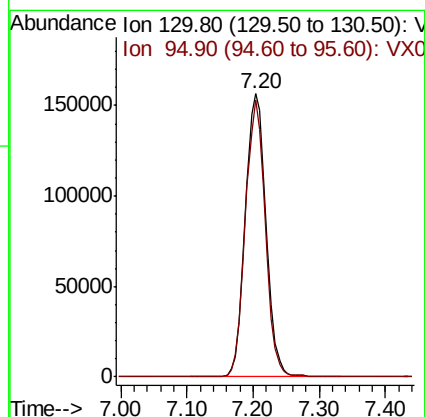
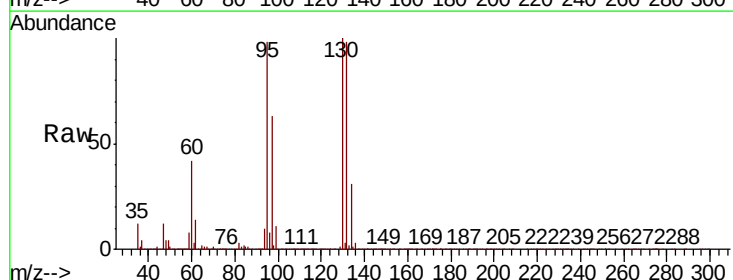
RT: 7.20 min Scan# 1036

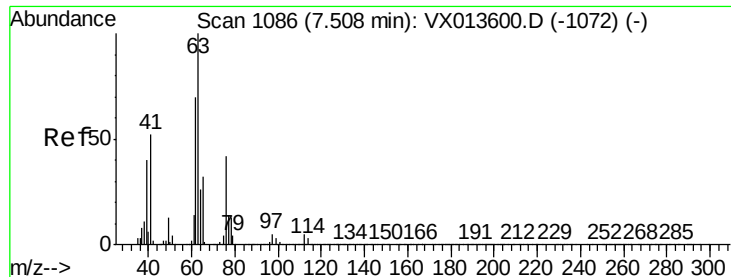
Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	130	Resp:	341516
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.472 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 329845

Ion Ratio Lower Upper

63 100

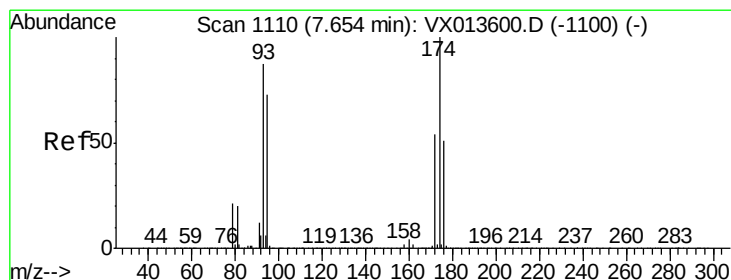
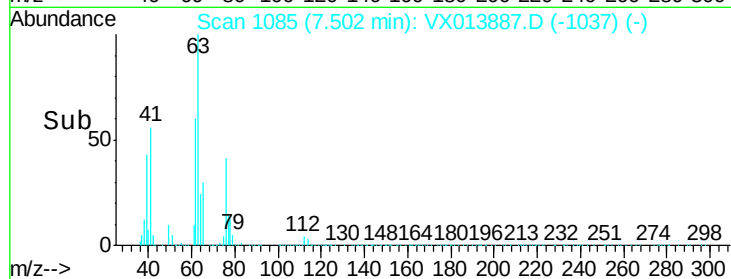
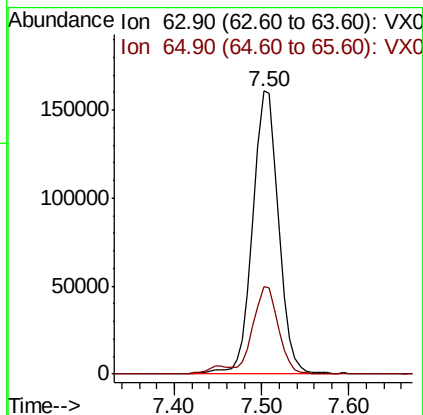
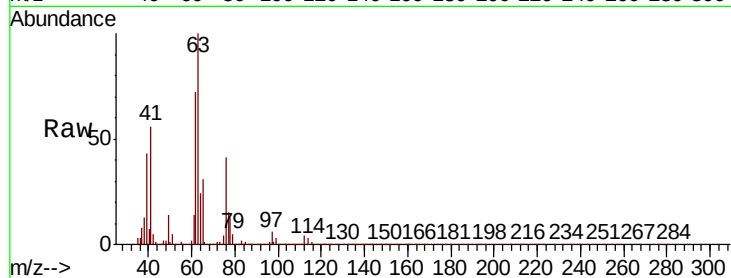
65 30.6 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 47.247 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

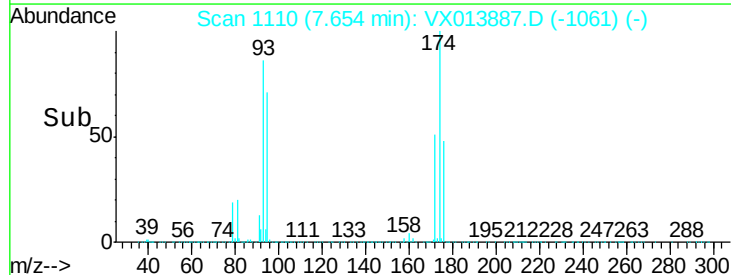
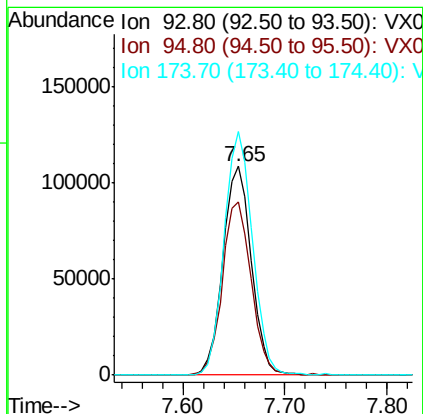
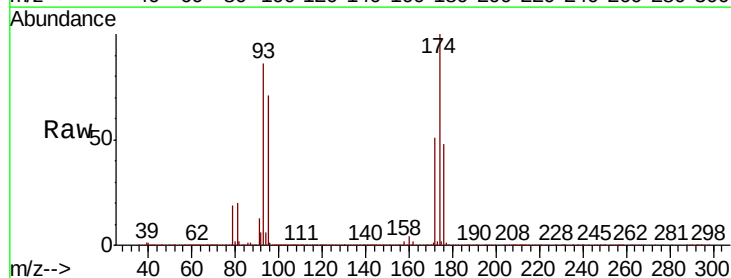
Tgt Ion: 93 Resp: 209709

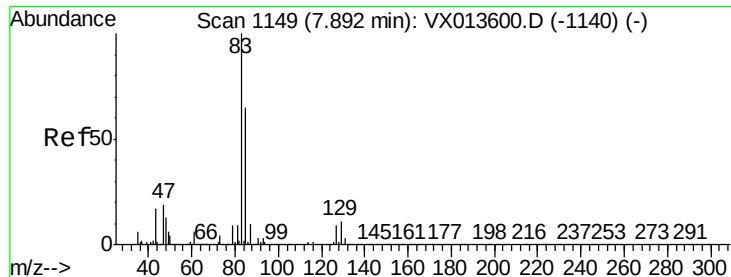
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 116.0 93.4 140.0





#47

Bromodichloromethane

Concen: 50.856 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

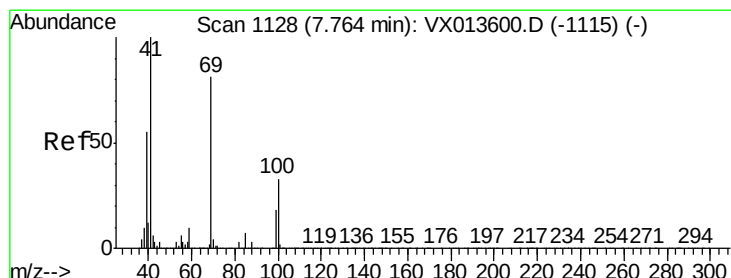
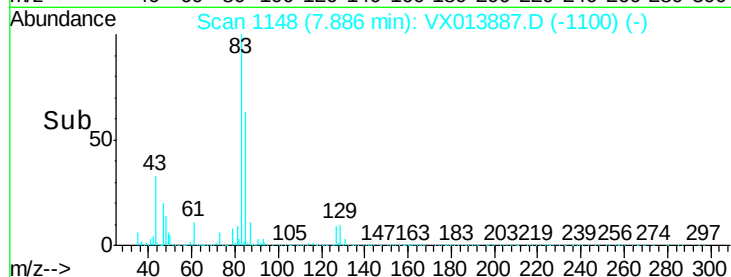
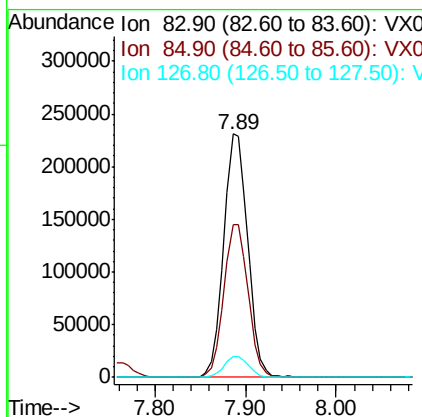
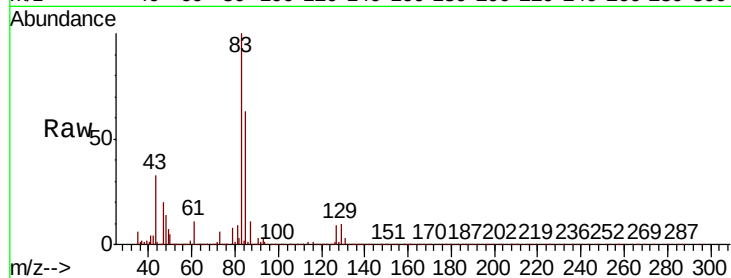
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	426726
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.1	78.1
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.787 ug/l

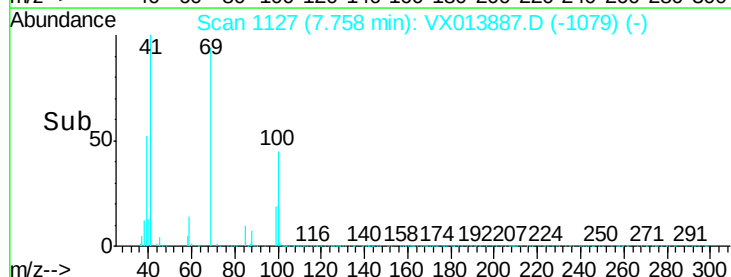
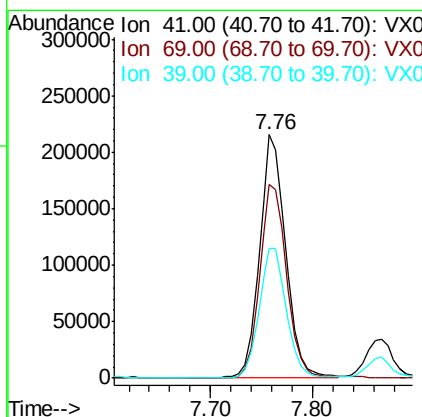
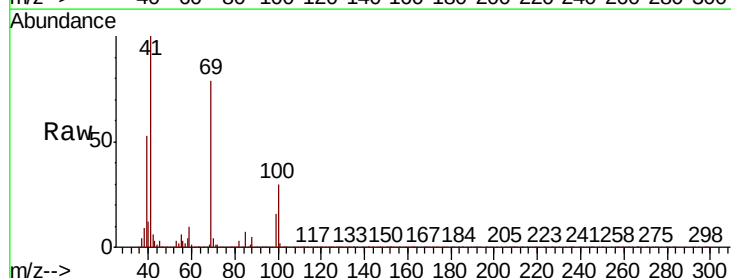
RT: 7.76 min Scan# 1127

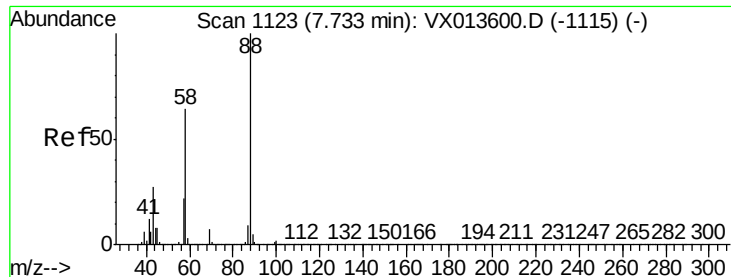
Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	41	Resp:	383159
Ion Ratio	Lower	Upper	
41	100		
69	82.5	64.7	97.1
39	55.4	43.8	65.6





#49

1,4-Dioxane

Concen: 826.887 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

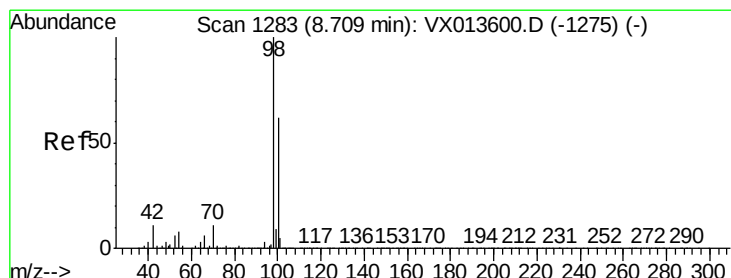
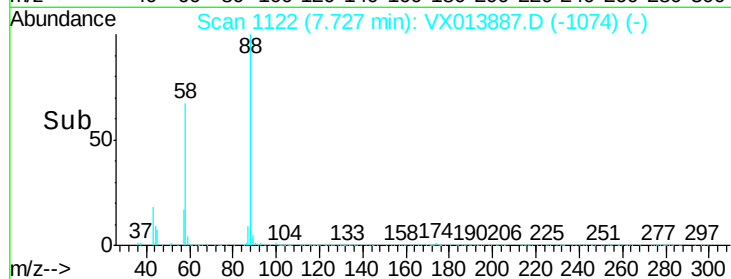
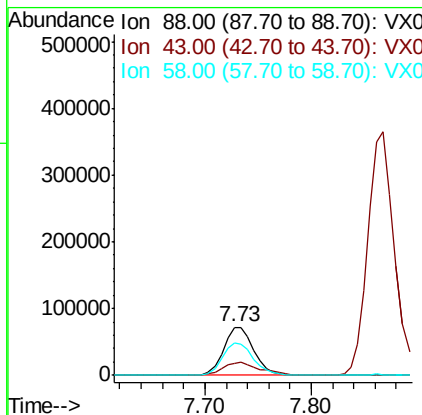
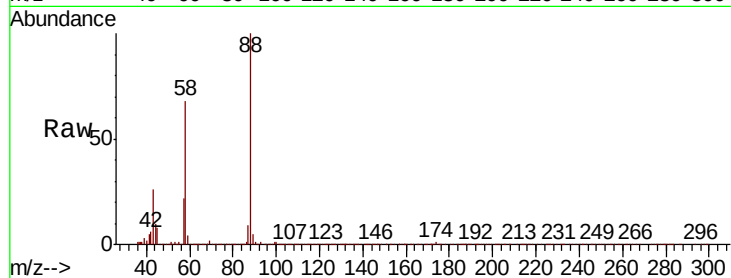
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	142445
Ion Ratio	Lower	Upper	
88	100		
43	33.1	25.8	38.6
58	68.0	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.949 ug/l

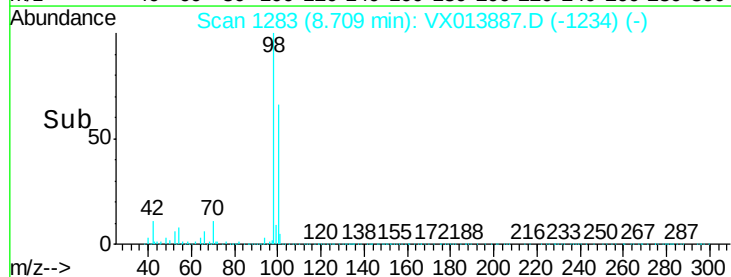
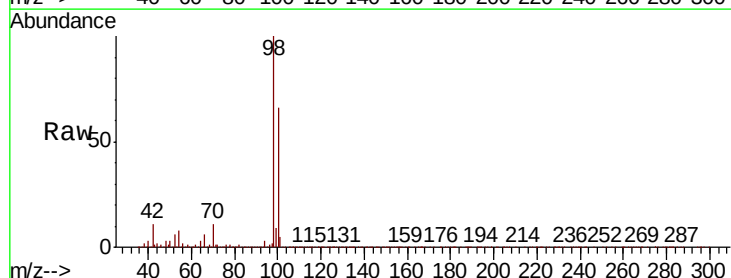
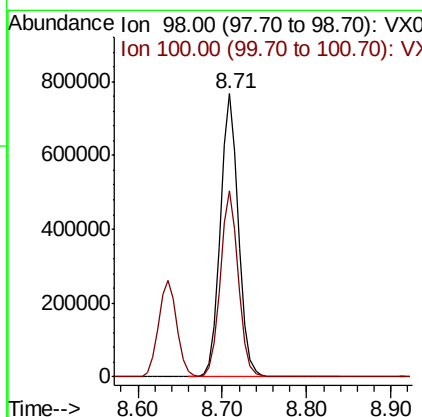
RT: 8.71 min Scan# 1283

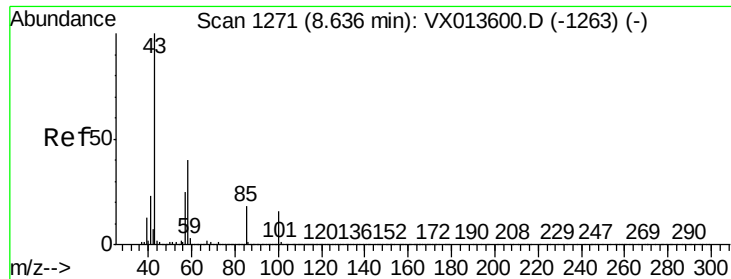
Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	98	Resp:	1136645
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 244.048 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2431552

Ion Ratio Lower Upper

43 100

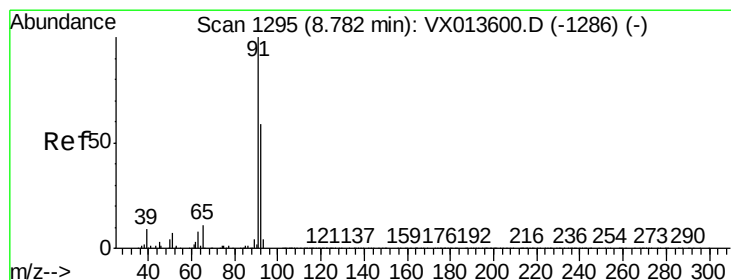
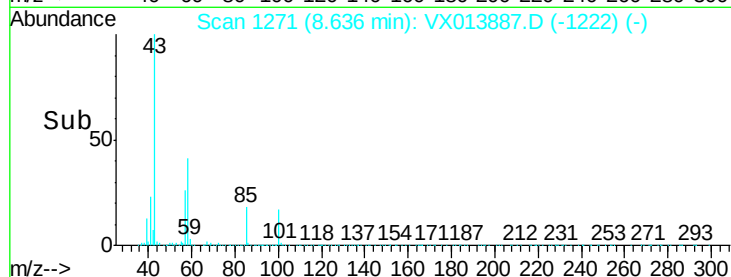
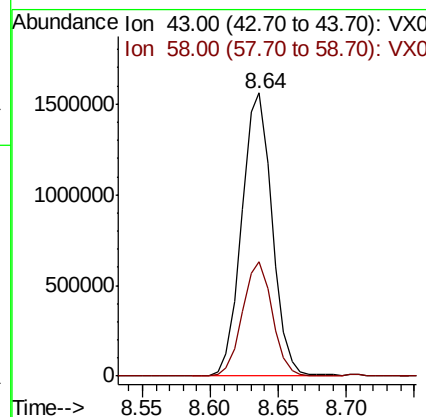
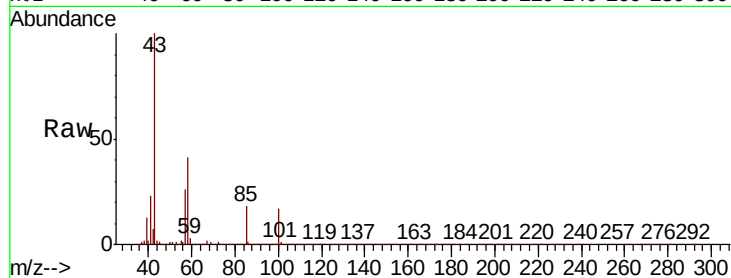
58 40.0 32.1 48.1

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#52

Toluene

Concen: 48.932 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013887.D

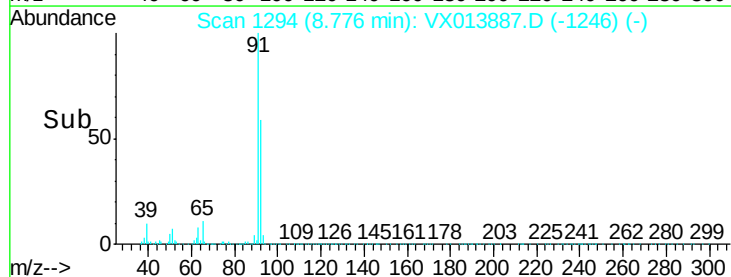
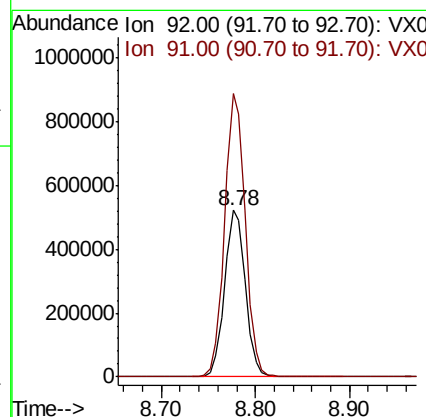
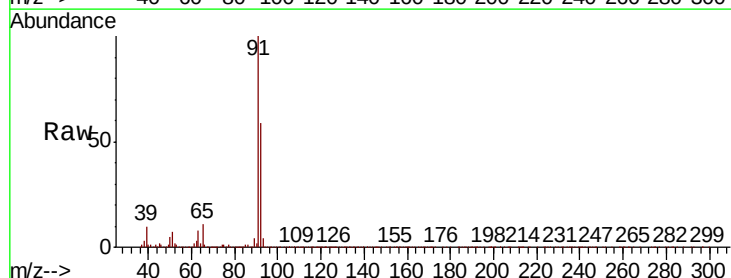
Acq: 10 Dec 2019 10:23

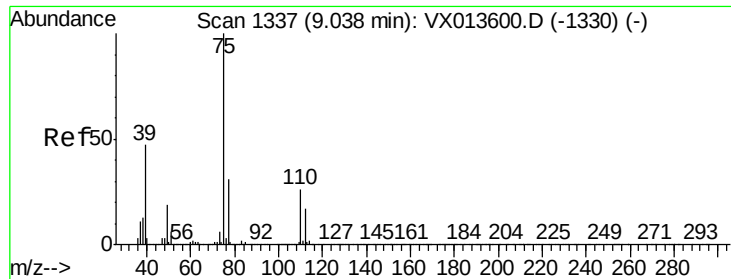
Tgt Ion: 92 Resp: 794021

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.2





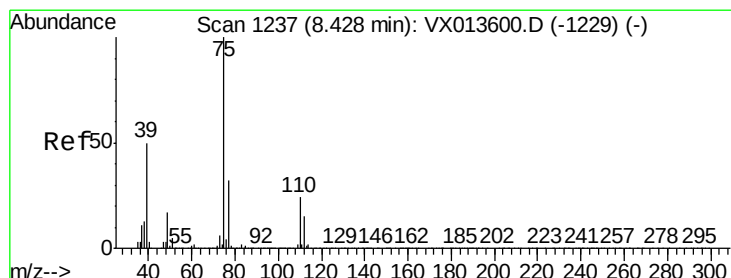
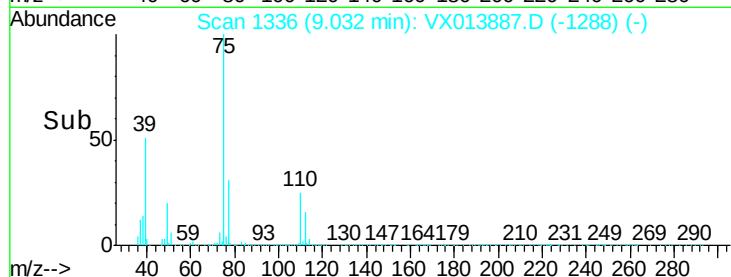
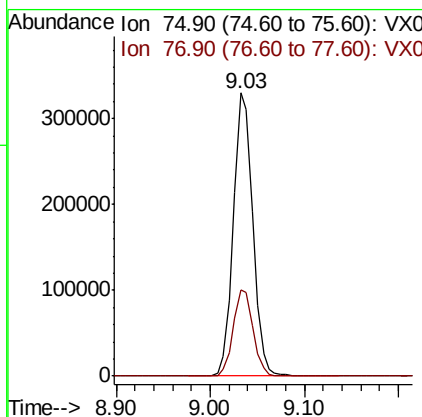
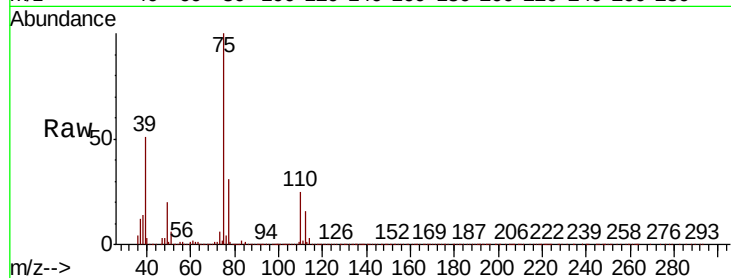
#53
t-1,3-Dichloropropene
Concen: 49.324 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.4	36.6

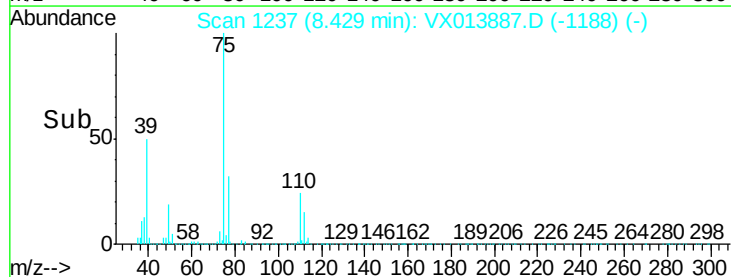
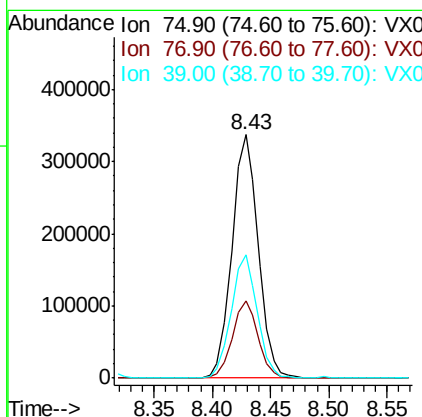
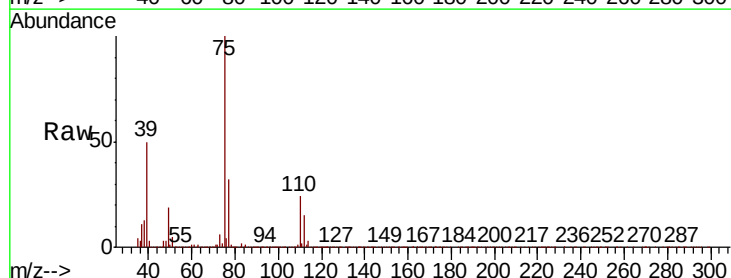
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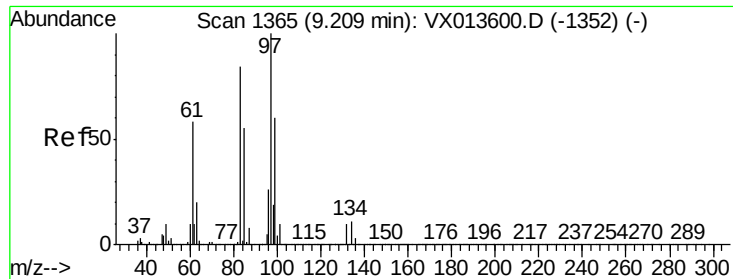
apatel
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#54
cis-1,3-Dichloropropene
Concen: 50.648 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	50.3	39.9	59.9





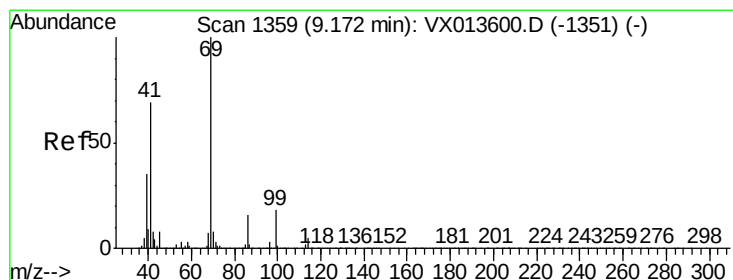
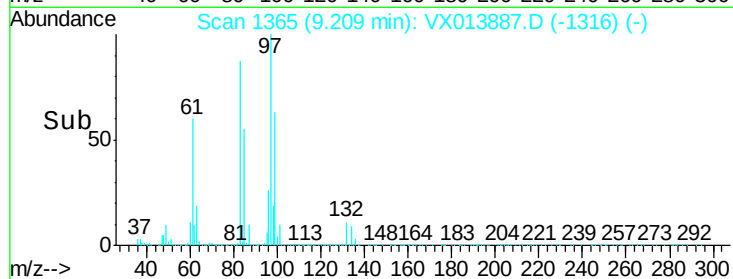
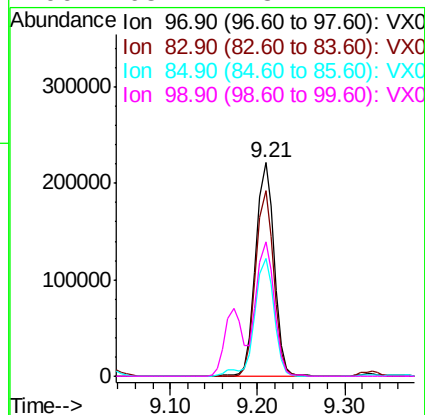
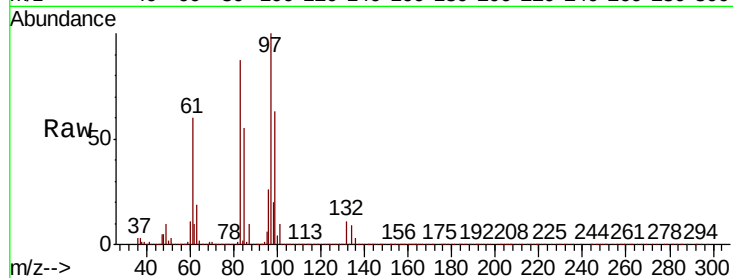
#55
 1,1,2-Trichloroethane
 Concen: 49.527 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		323867		
83	86.7	67.3	100.9		
85	55.1	43.6	65.4		
99	63.1	48.2	72.4		

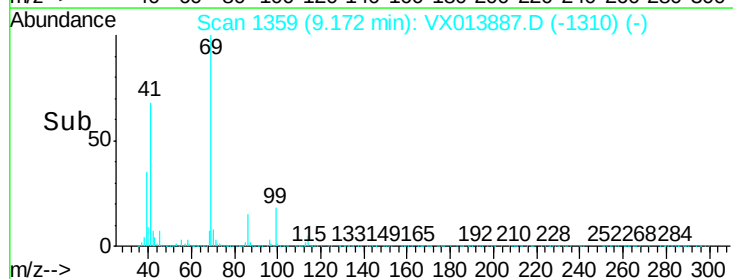
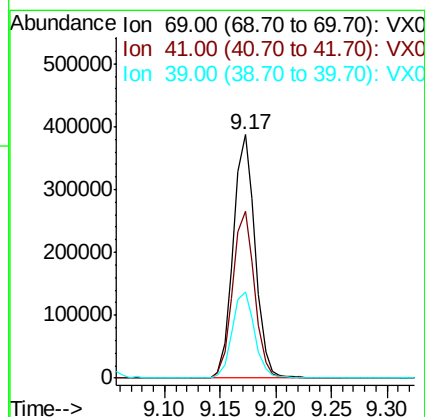
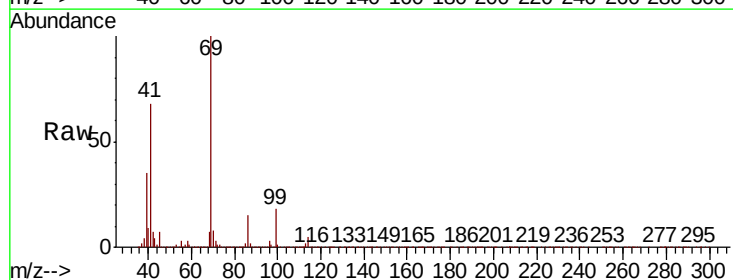
Manual Integrations
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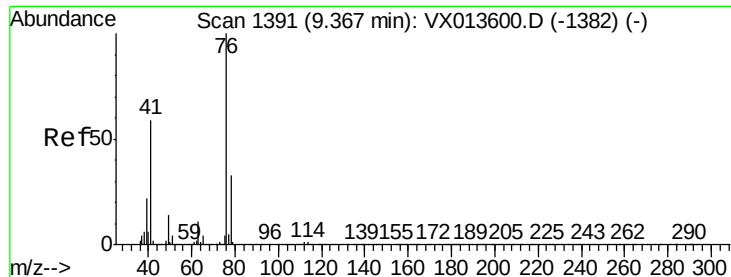
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#56
 Ethyl methacrylate
 Concen: 50.017 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		525844		
41	68.4	55.0	82.4		
39	36.0	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.621 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 548020

Ion Ratio Lower Upper

76 100

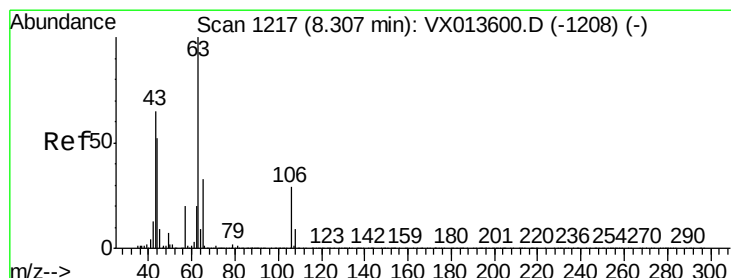
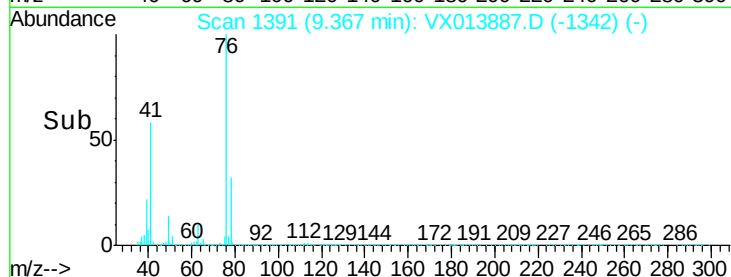
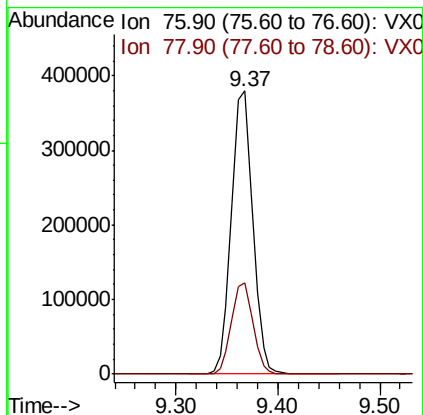
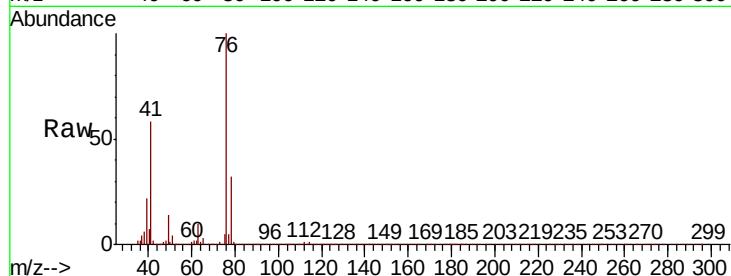
78 32.9 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 306.698 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013887.D

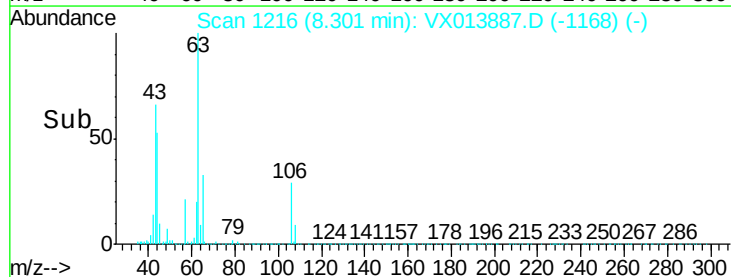
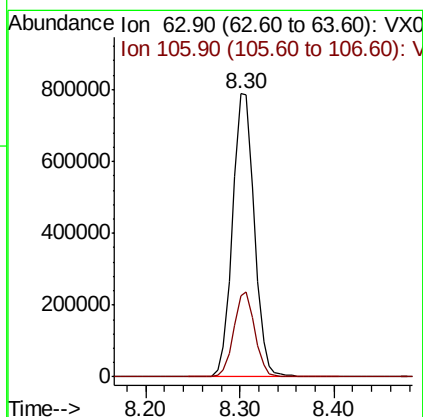
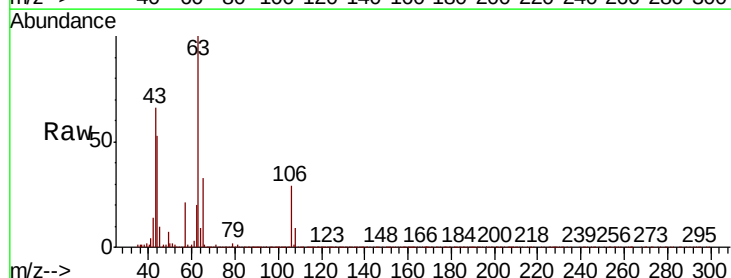
Acq: 10 Dec 2019 10:23

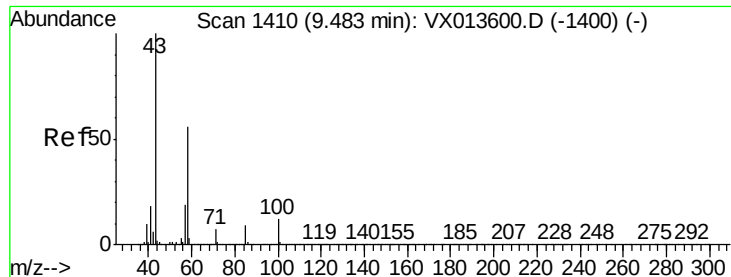
Tgt Ion: 63 Resp: 1264205

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





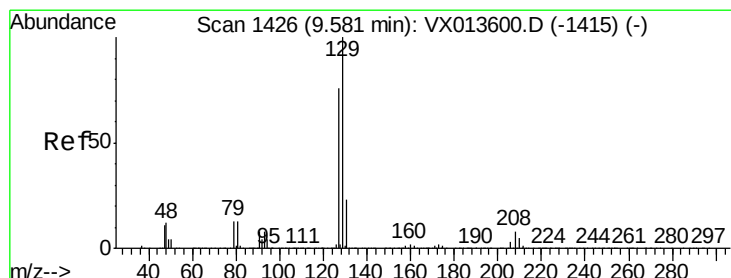
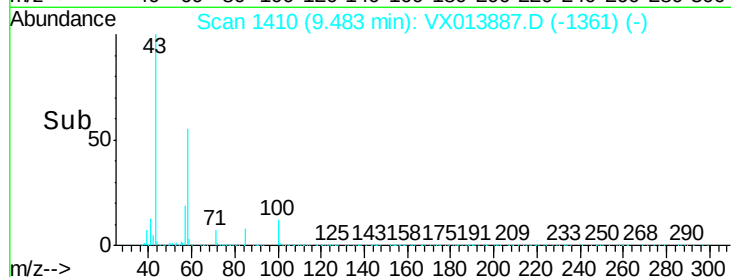
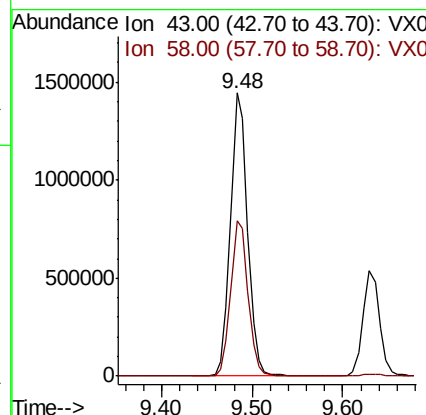
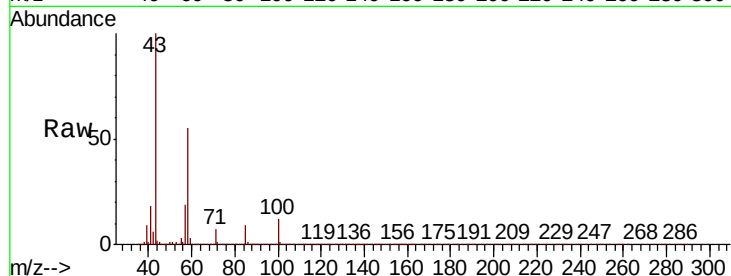
#59
2-Hexanone
Concen: 249.954 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1942321
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

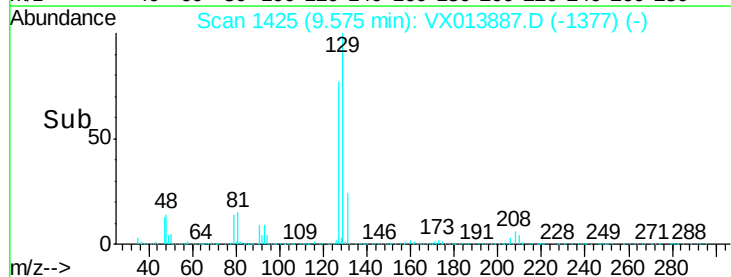
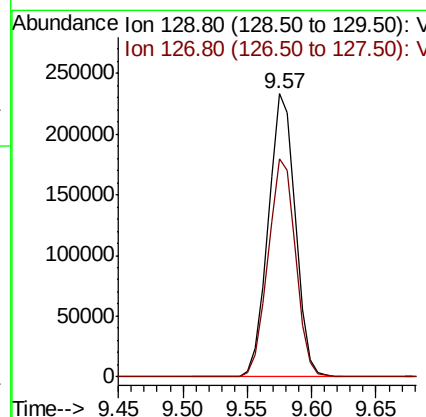
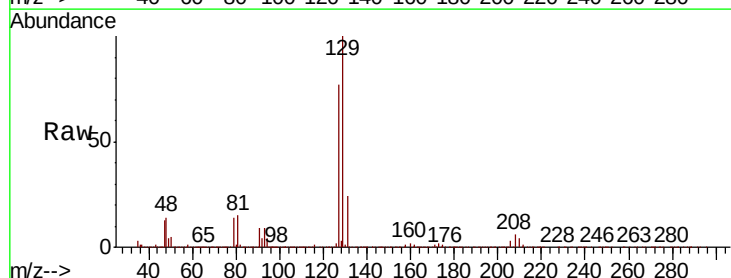
Manual Integrations
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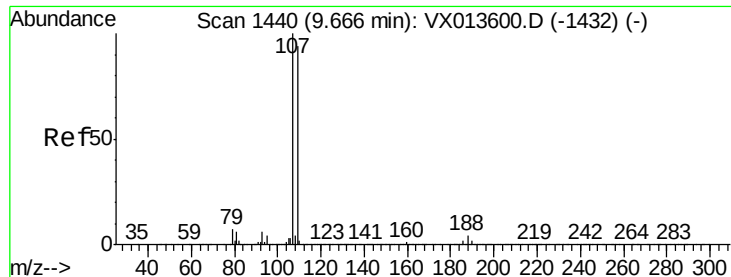
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12/11/2019 2:13:53 PM



#60
Dibromochloromethane
Concen: 50.278 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion: 129 Resp: 341203
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.675 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 339949

Ion Ratio Lower Upper

107 100

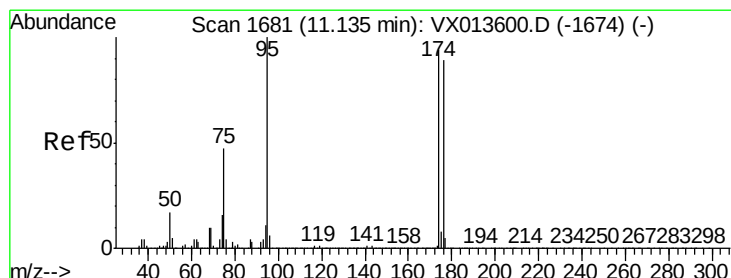
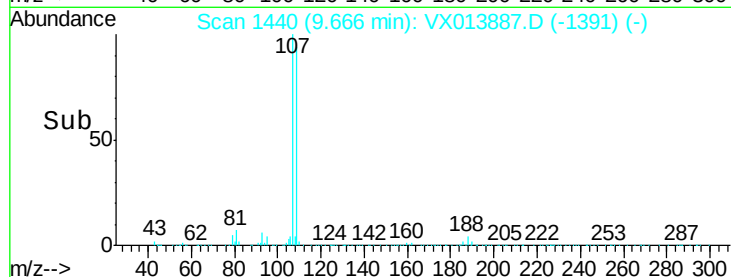
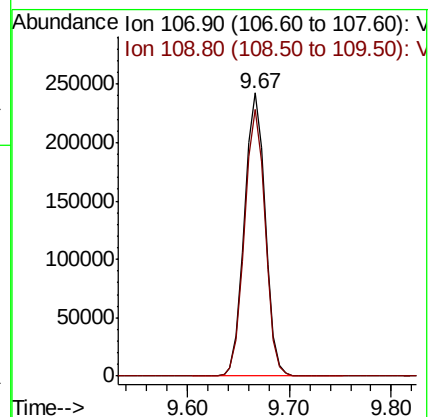
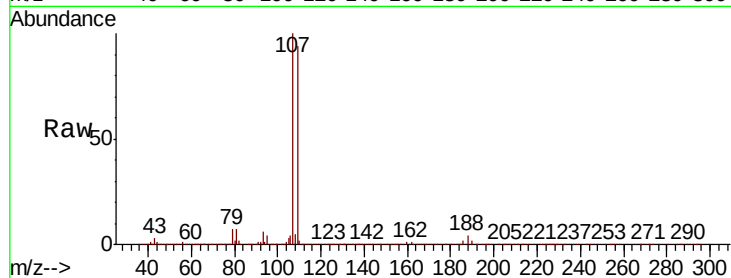
109 93.7 76.1 114.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.640 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

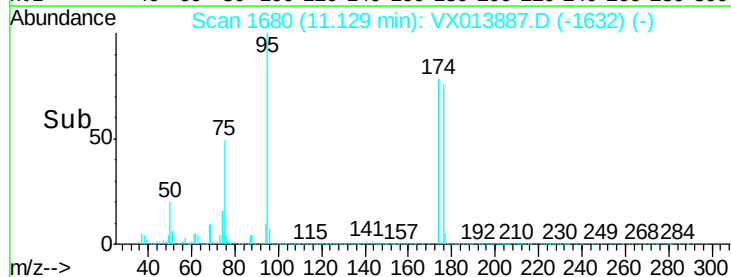
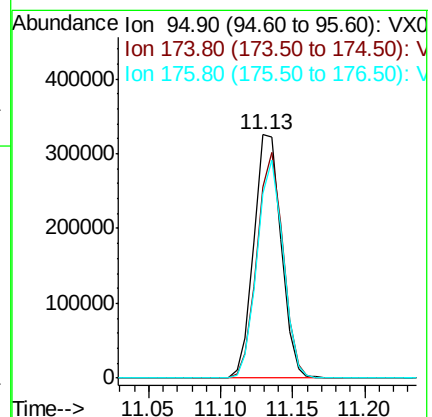
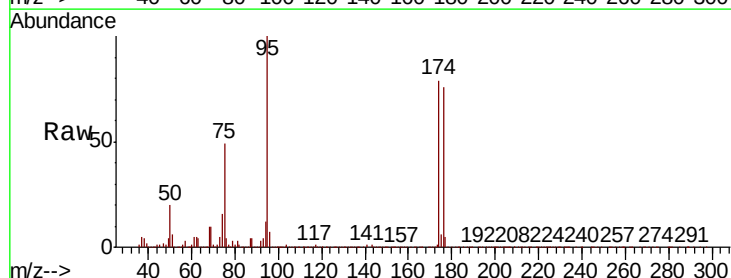
Tgt Ion: 95 Resp: 423755

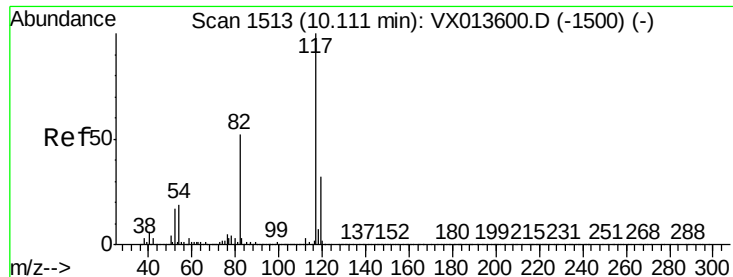
Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 85.8 0.0 173.6





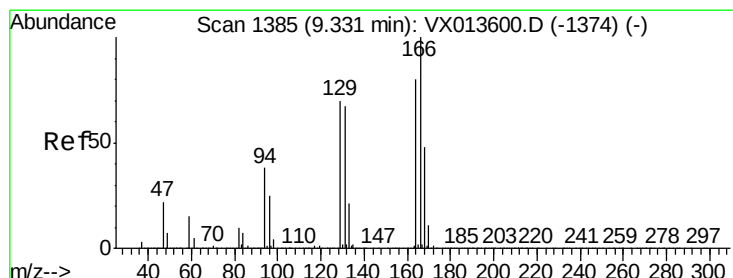
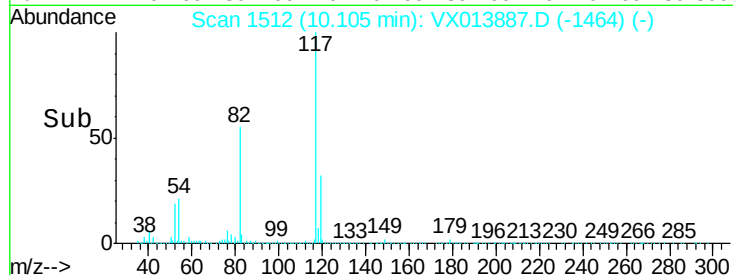
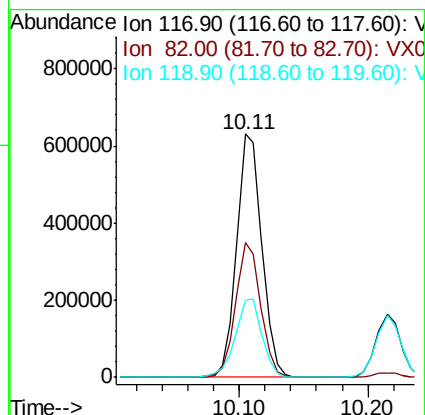
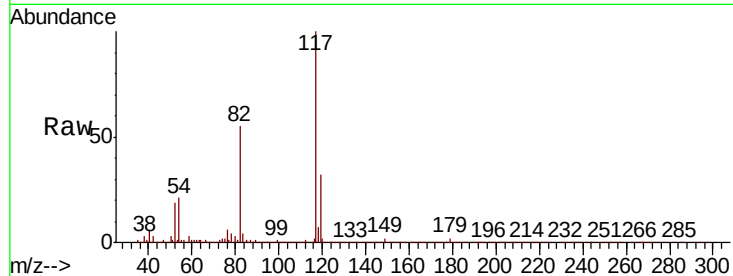
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	860738		
82	55.4		41.8	62.8
119	31.7		25.8	38.8

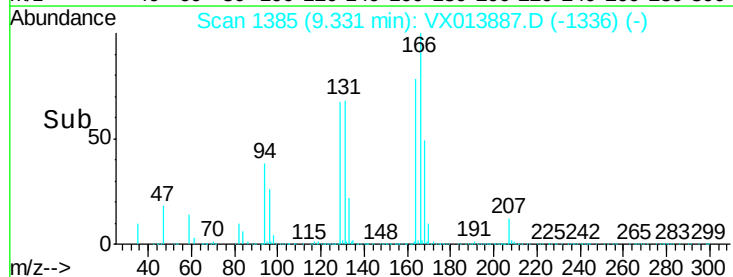
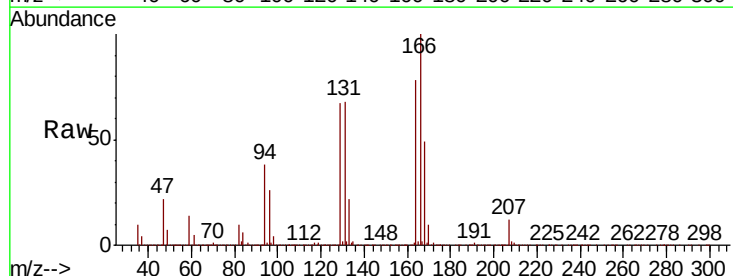
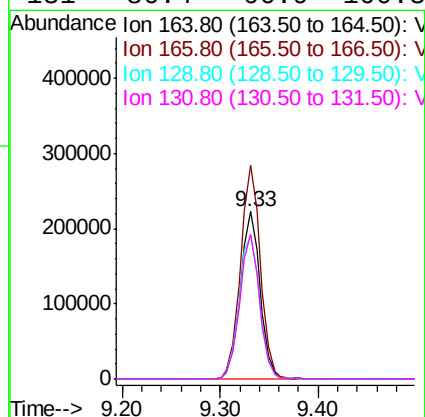
Manual Integrations
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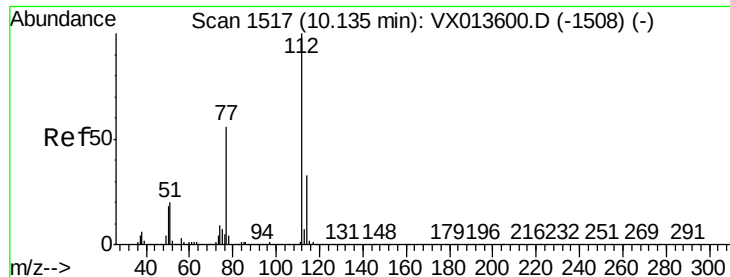
apatel
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#64
Tetrachloroethene
Concen: 48.442 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	310944		
166	127.7		99.7	149.5
129	85.9		70.1	105.1
131	86.4		66.9	100.3





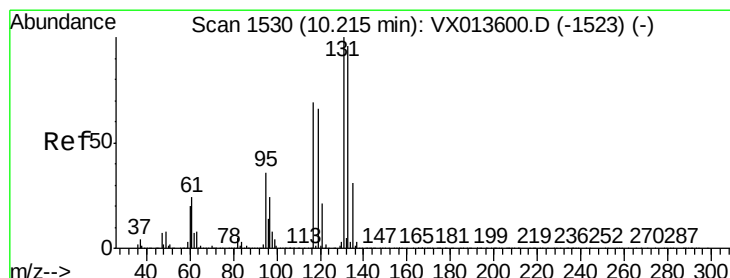
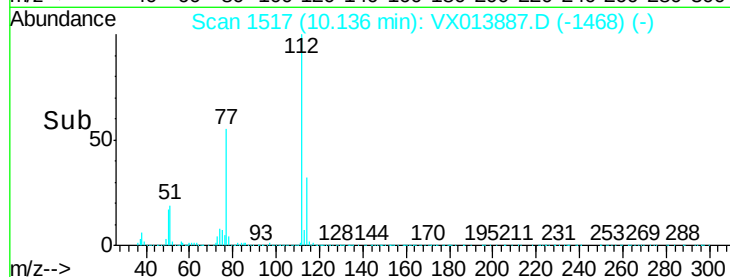
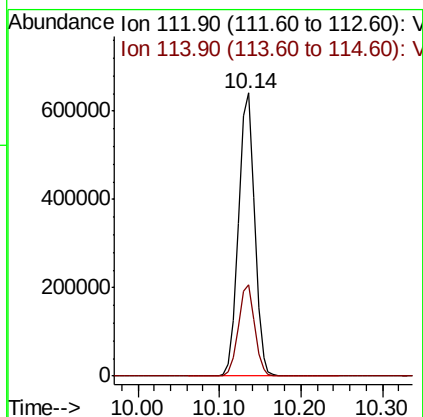
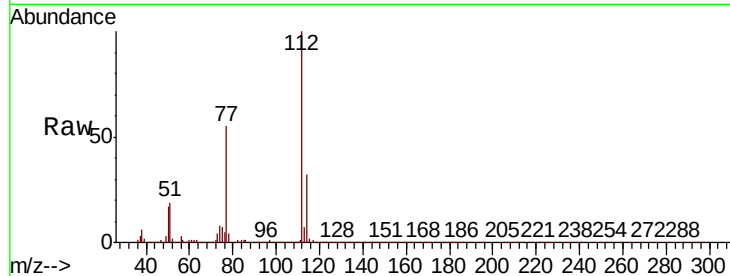
#65
Chlorobenzene
Concen: 48.303 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	863201		
114	32.3	26.1	39.1	

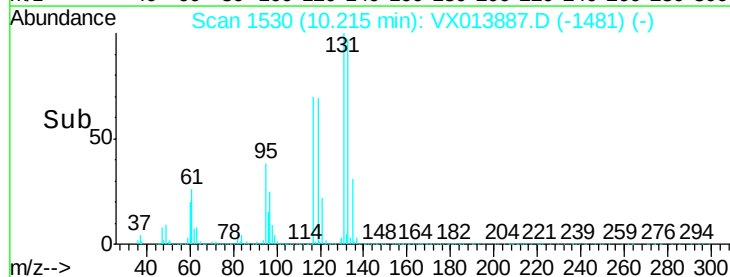
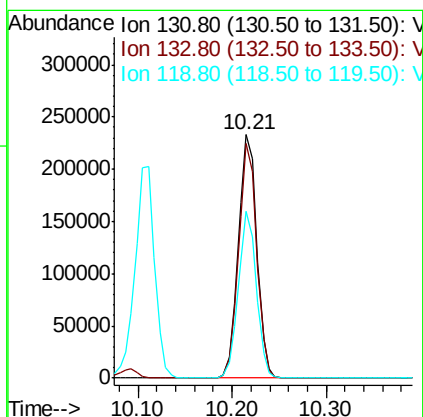
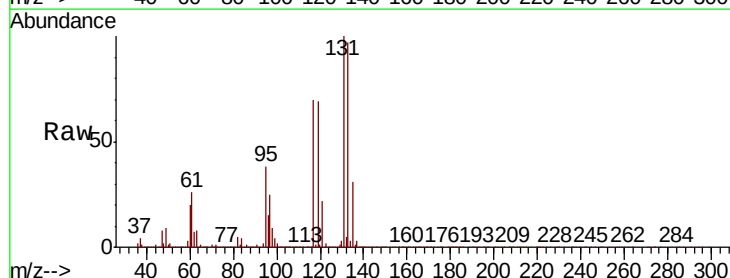
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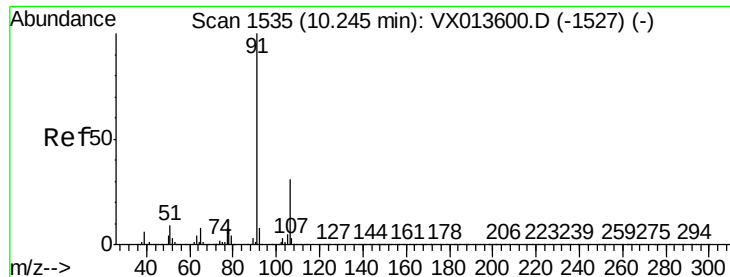
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.453 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	317350		
133	94.5	47.7	143.1	
119	66.8	32.9	98.6	





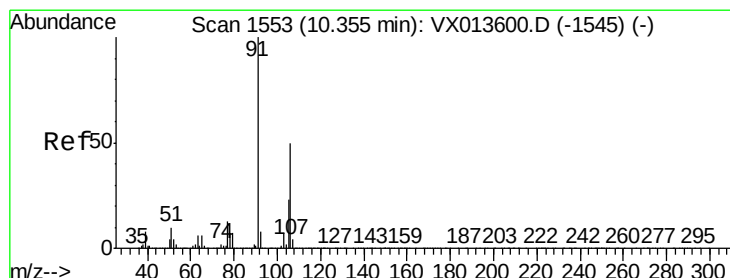
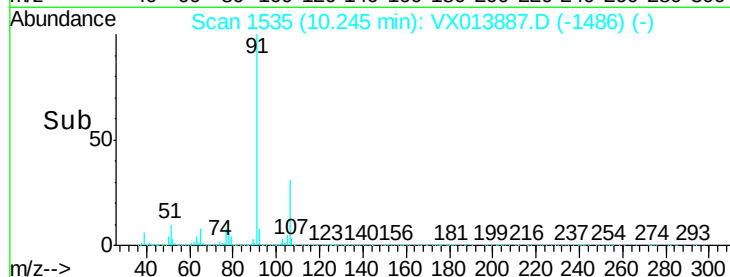
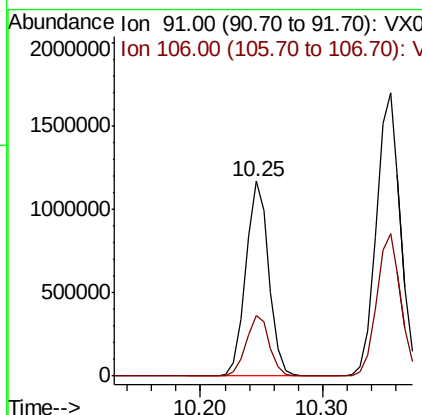
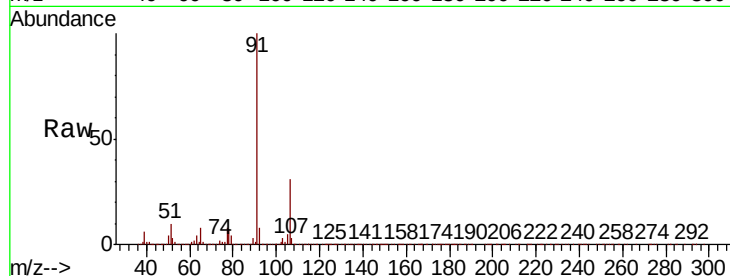
#67
Ethyl Benzene
Concen: 49.495 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1519926
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

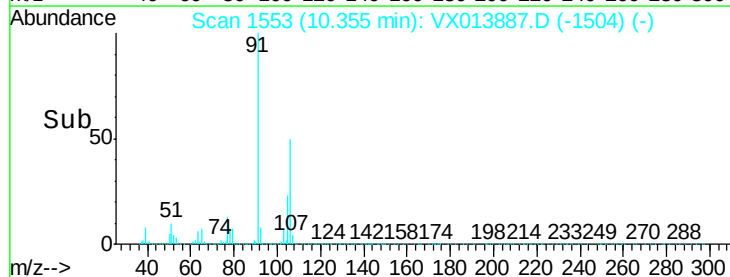
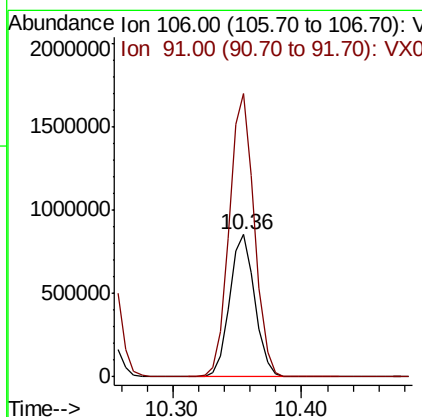
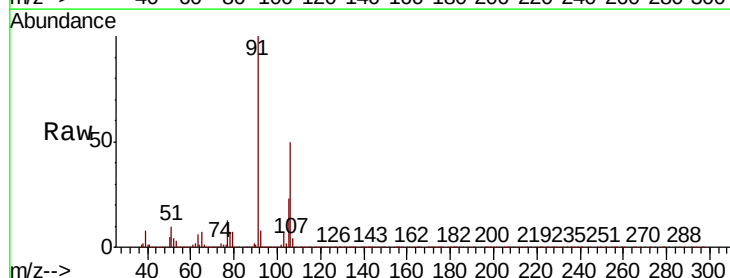
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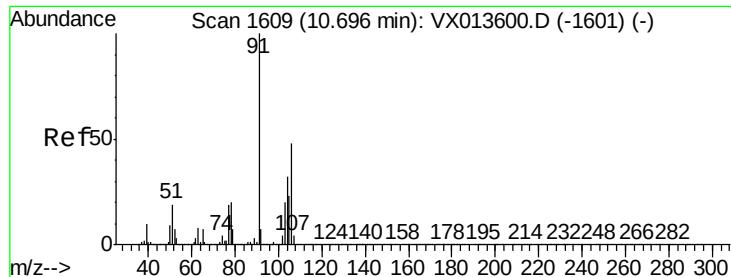
apatel
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#68
m/p-Xylenes
Concen: 99.056 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion: 106 Resp: 1164598
Ion Ratio Lower Upper
106 100
91 198.7 159.0 238.4





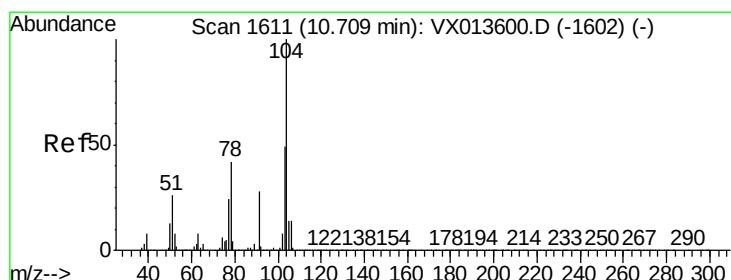
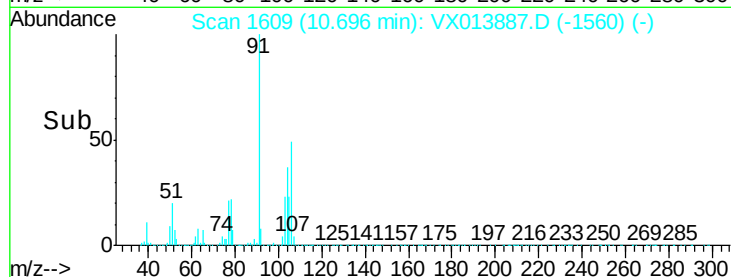
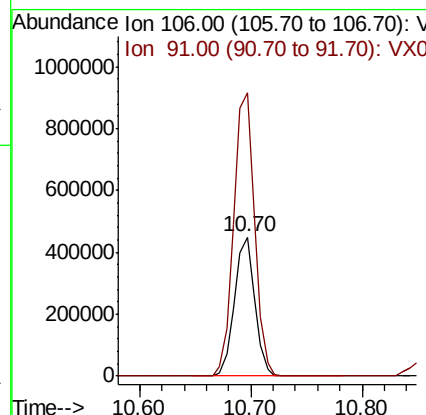
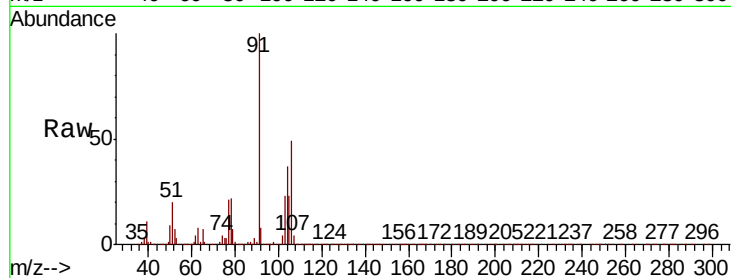
#69
o-Xylene
Concen: 49.379 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.1	312.2

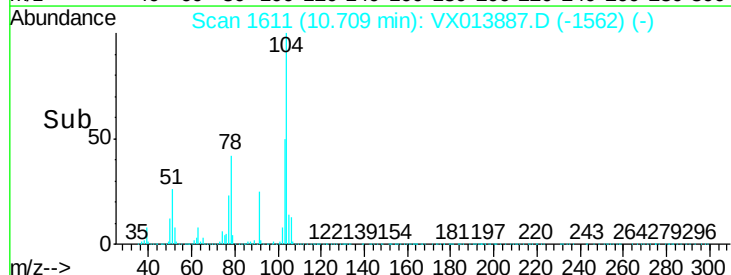
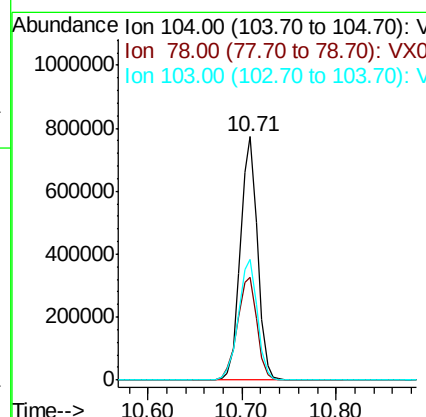
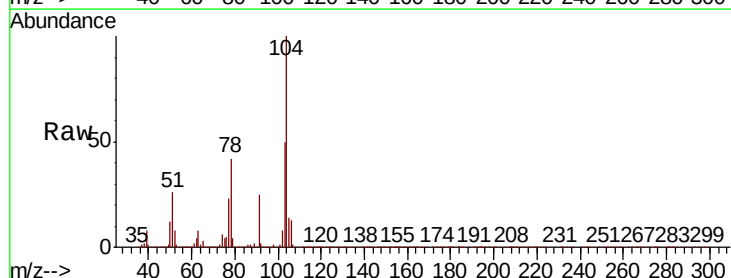
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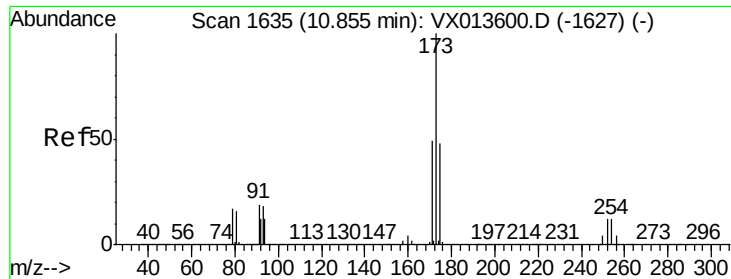
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#70
Styrene
Concen: 50.604 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	54.5	43.7	65.5





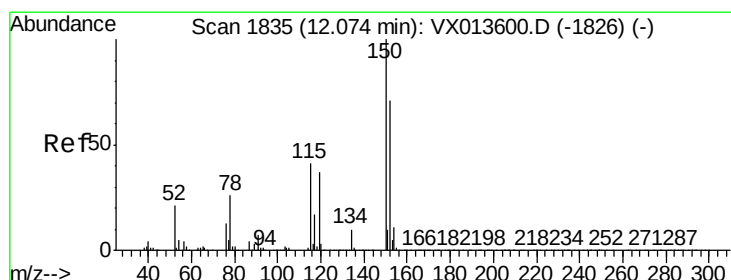
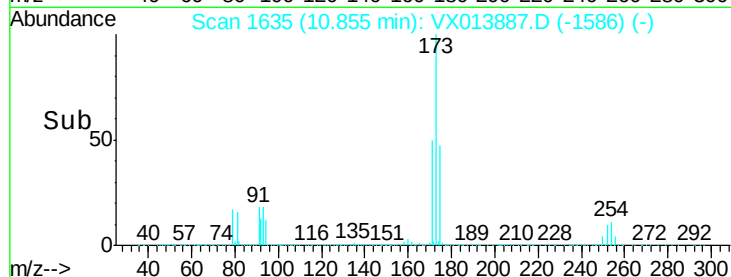
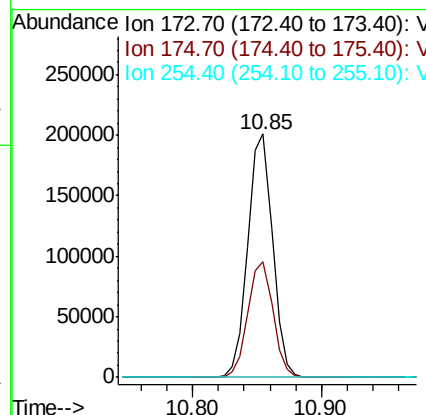
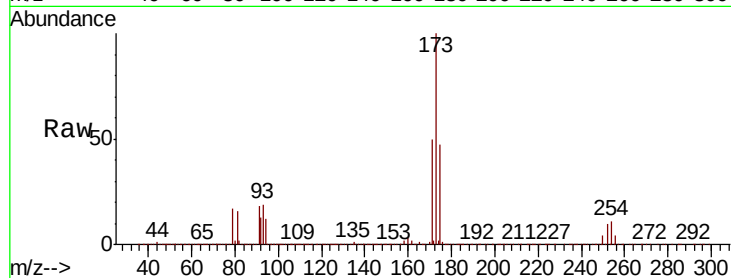
#71
Bromoform
Concen: 50.005 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.4

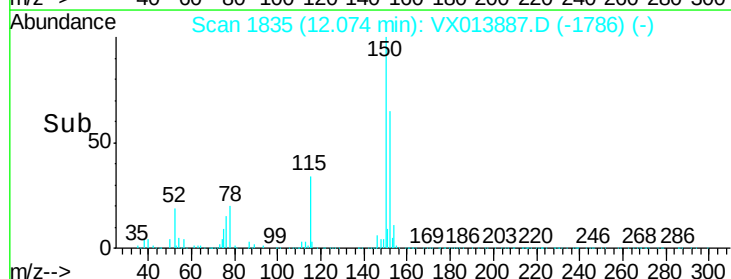
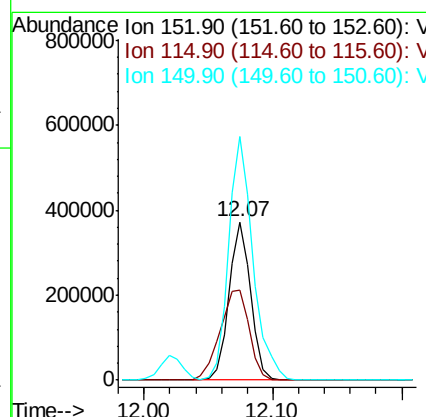
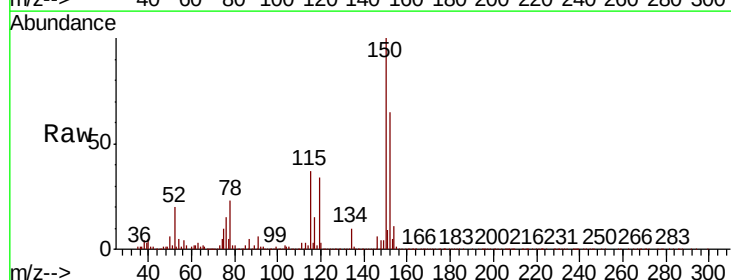
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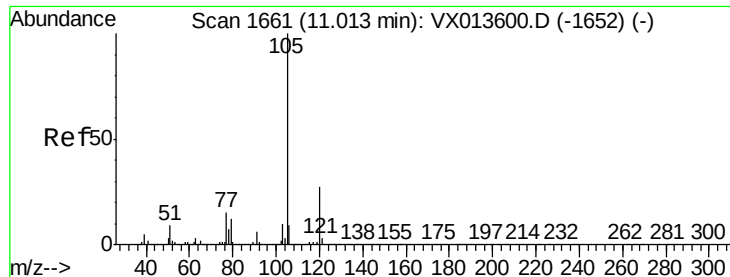
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.4	38.4	115.1
150	172.0	0.0	346.8





#73

Isopropylbenzene

Concen: 48.713 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1504726

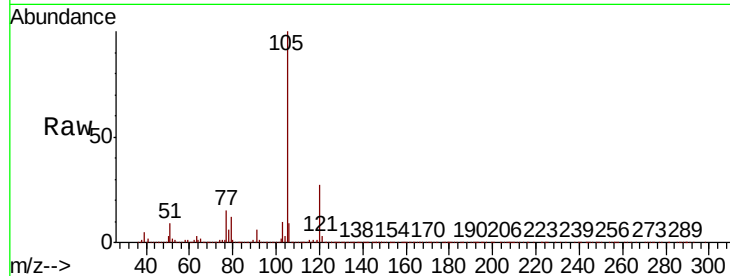
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

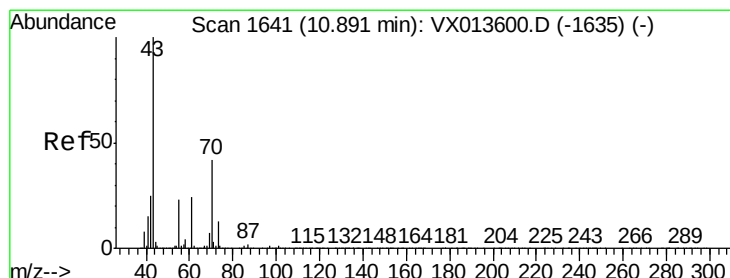
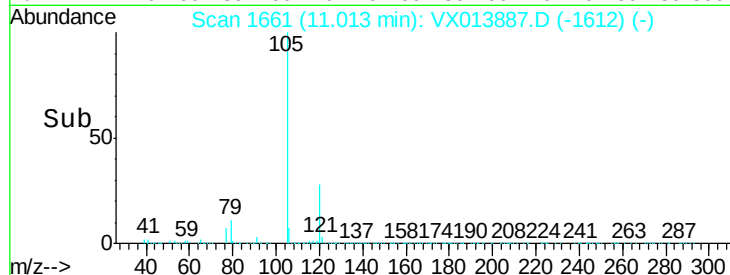
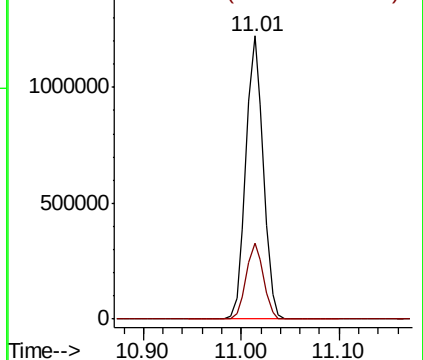
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.143 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion: 43 Resp: 695388

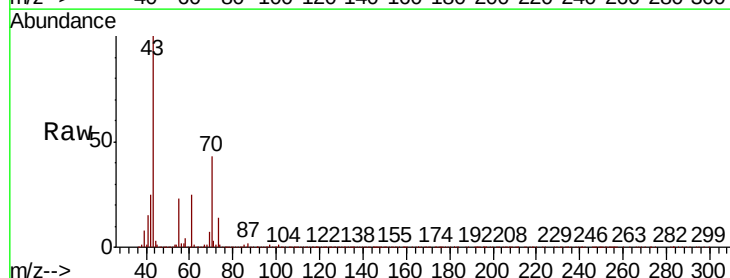
Ion Ratio Lower Upper

43 100

70 43.1 34.3 51.5

55 23.8 18.5 27.7

61 24.7 19.8 29.8

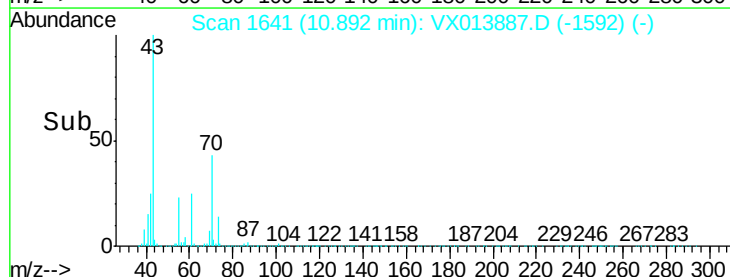
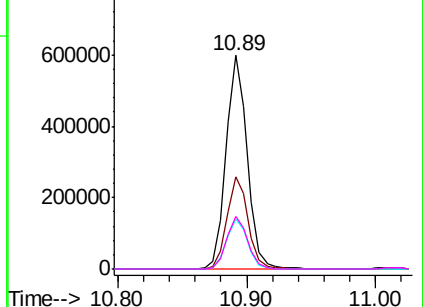


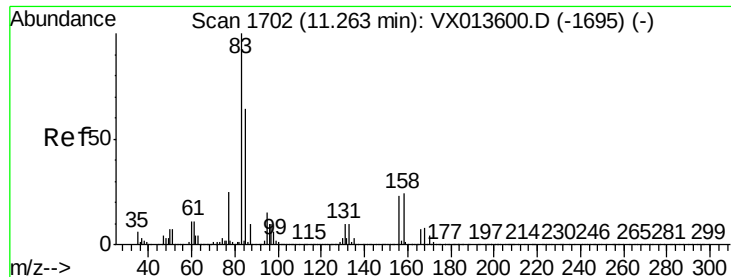
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.267 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

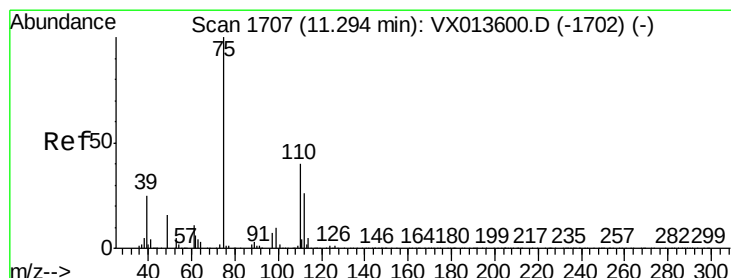
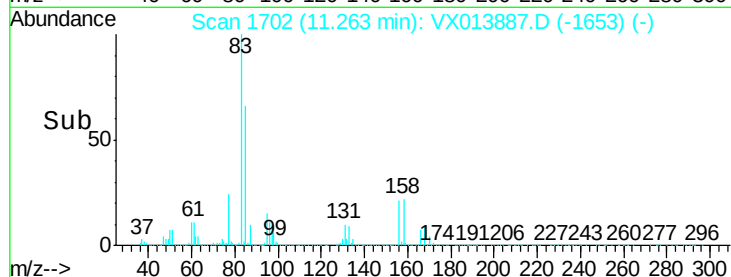
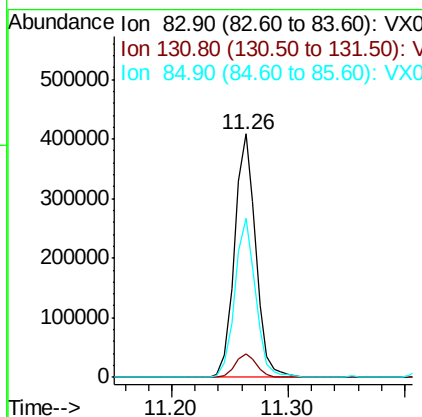
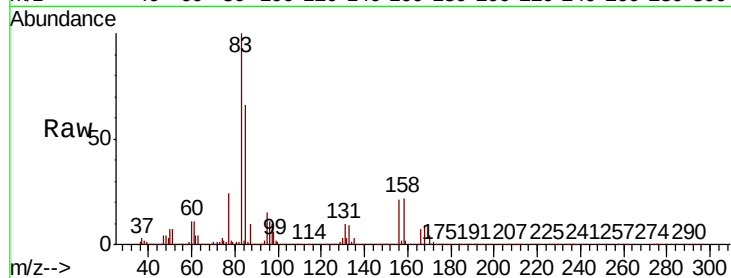
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	517052
Ion Ratio		Lower	Upper
83	100		
131	9.8	5.1	15.3
85	64.3	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 48.508 ug/l m

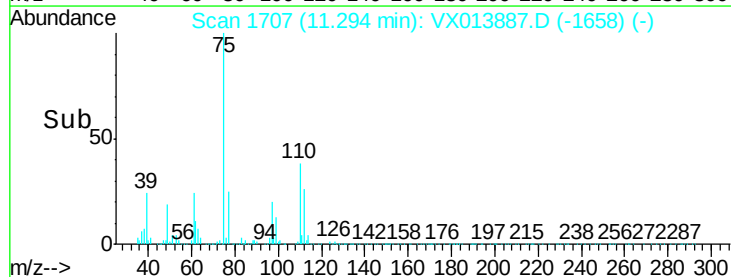
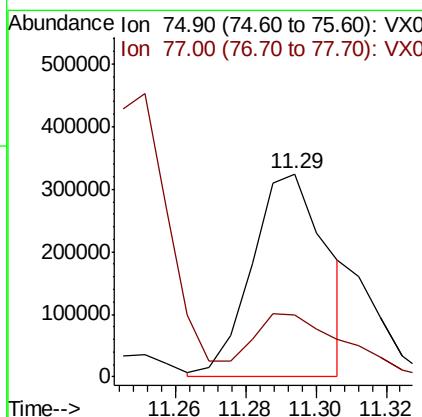
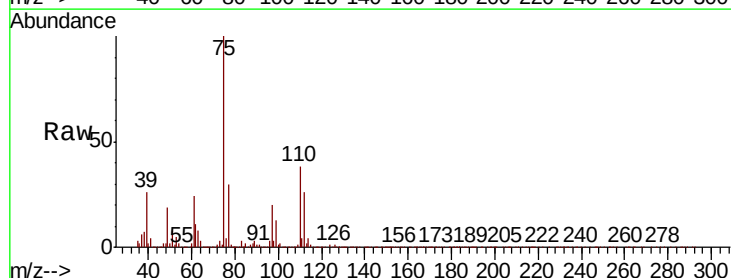
RT: 11.29 min Scan# 1707

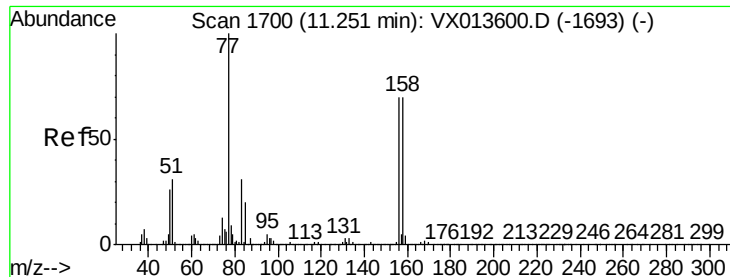
Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Tgt Ion:	75	Resp:	480448
Ion Ratio		Lower	Upper
75	100		
77	37.3	19.1	57.5





#77

Bromobenzene

Concen: 46.697 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

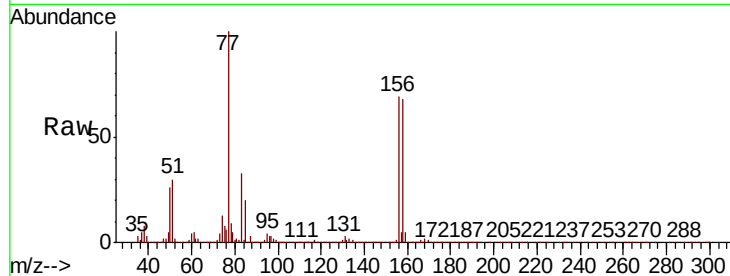
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	389683
Ion Ratio	Lower	Upper	
156	100		
77	152.3	74.4	223.1
158	98.2	48.9	146.6

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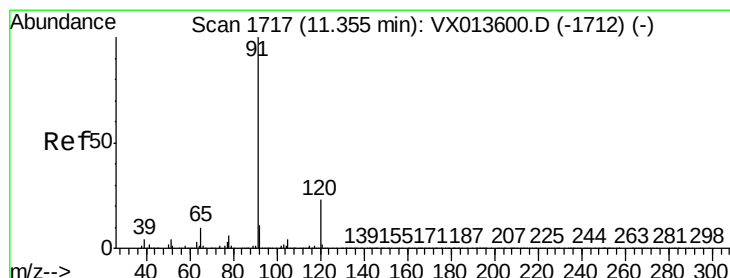
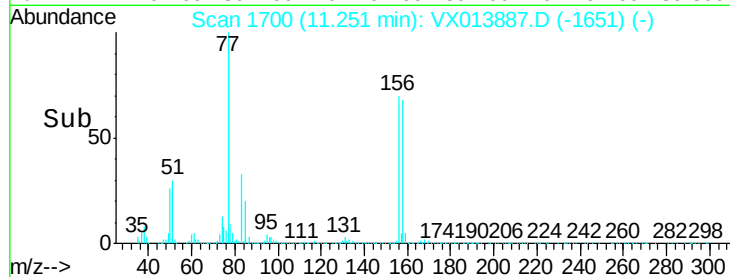
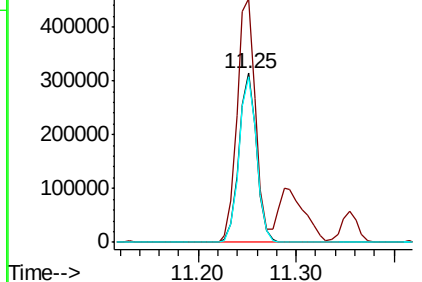
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.935 ug/l

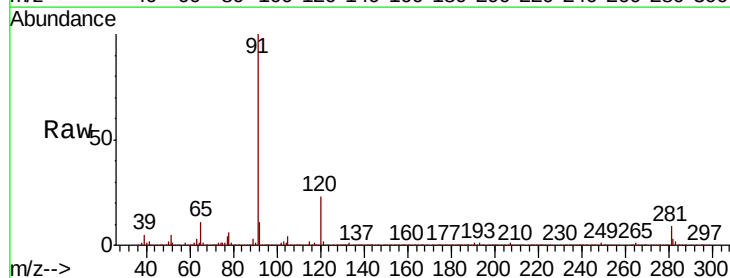
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013887.D

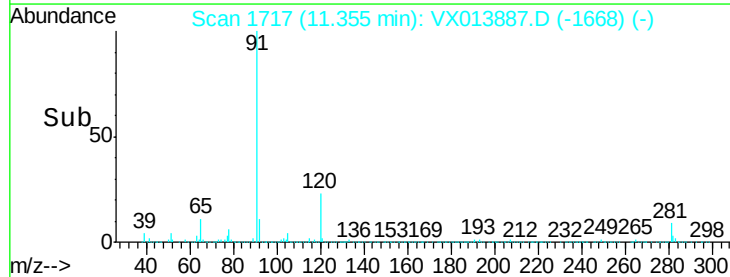
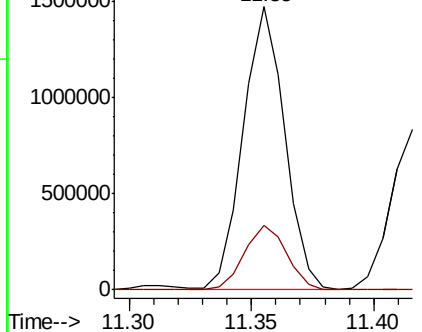
Acq: 10 Dec 2019 10:23

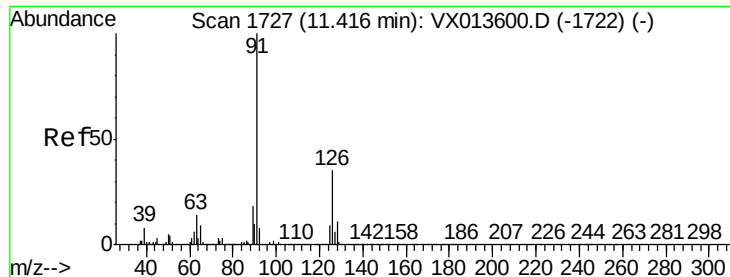
Tgt Ion:	91	Resp:	1721872
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





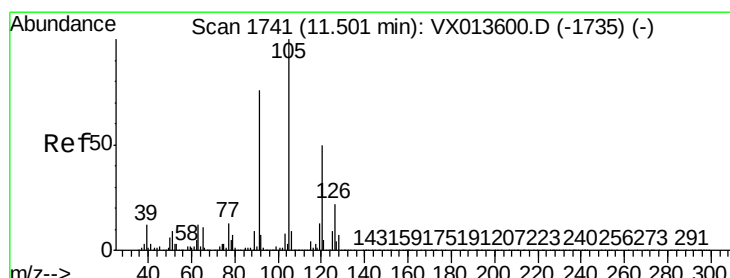
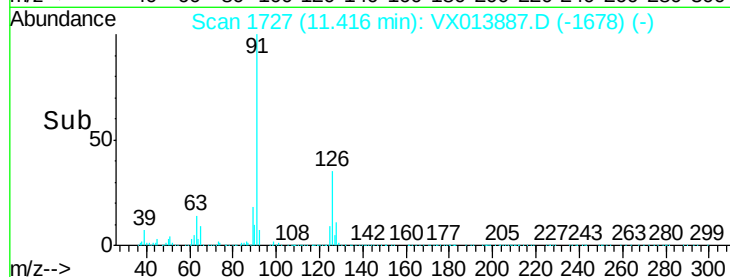
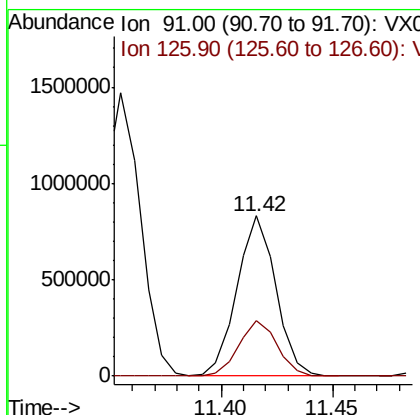
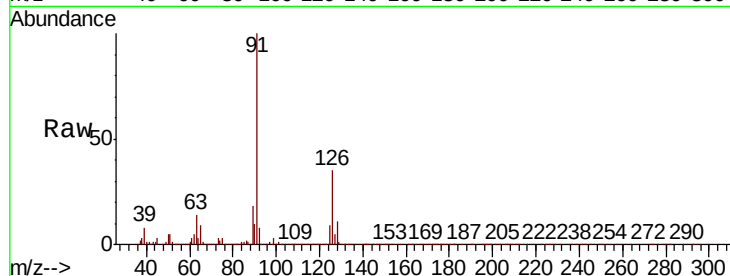
#79
2-Chlorotoluene
Concen: 48.692 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1007203
Ion Ratio Lower Upper
91 100
126 34.4 17.5 52.5

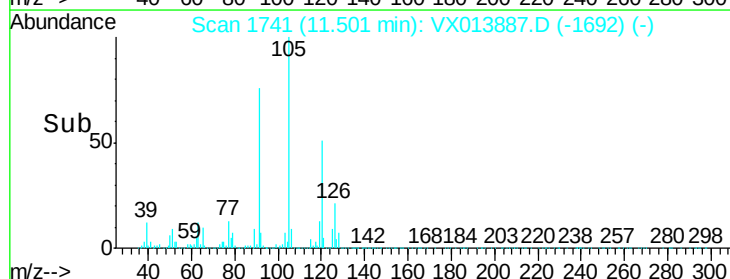
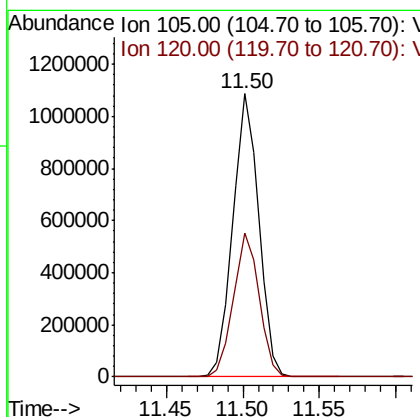
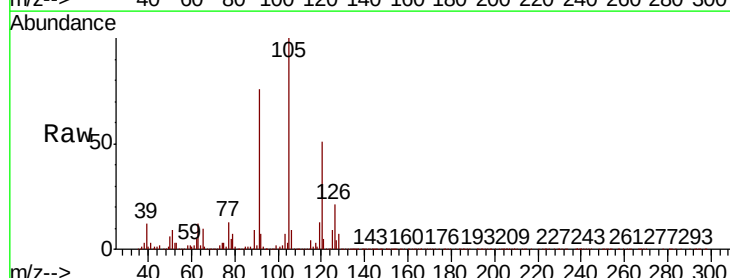
Manual Integrations
APPROVED

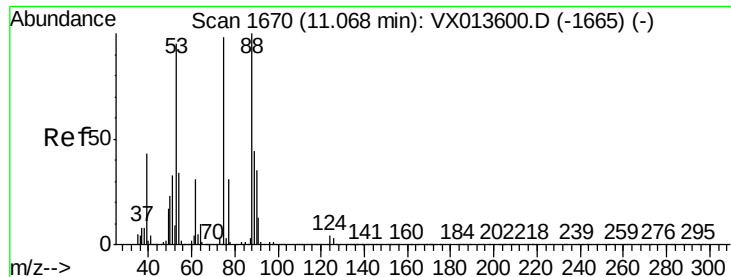
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 50.346 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion: 105 Resp: 1274599
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.9





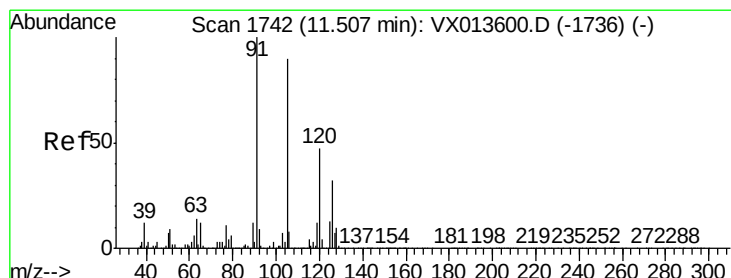
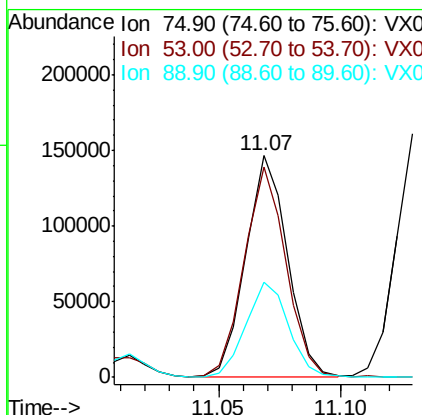
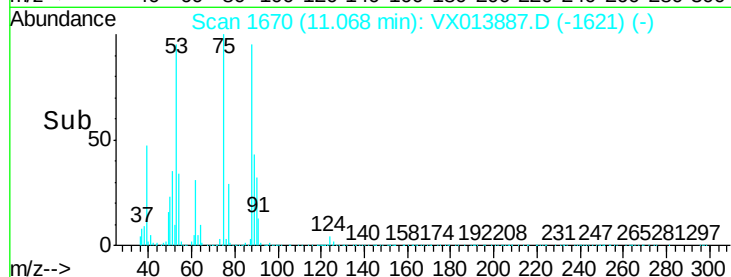
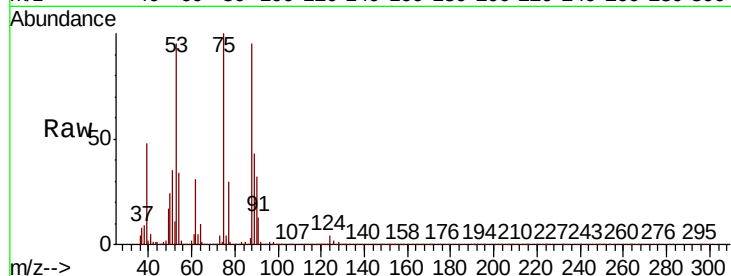
#81
trans-1,4-Dichloro-2-butene
Concen: 47.961 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.2	117.2
89	43.6	35.4	53.2

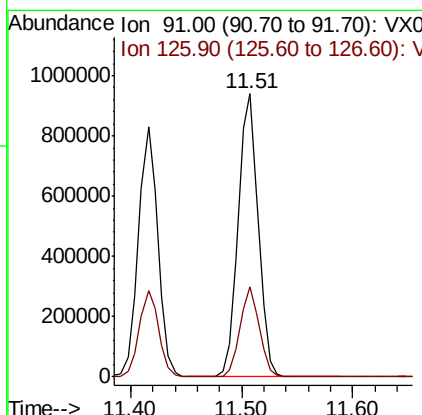
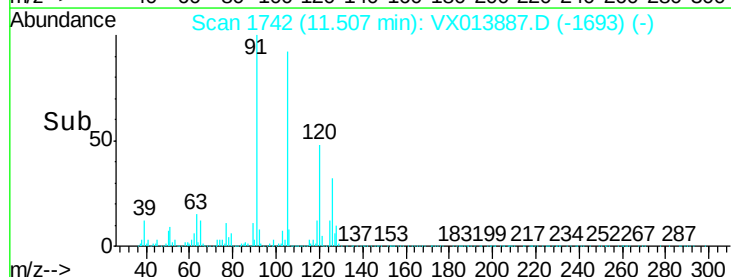
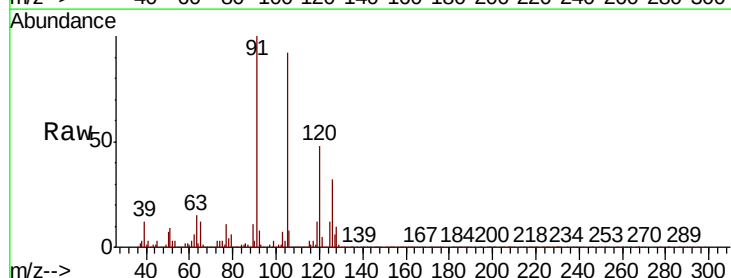
Manual Integrations
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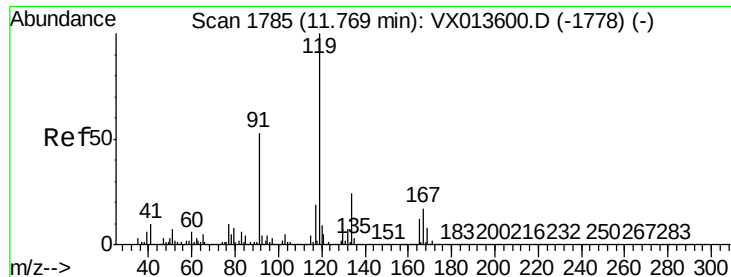
apatel
12/11/2019 2:13:53 PM



#82
4-Chlorotoluene
Concen: 48.845 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.7	47.0





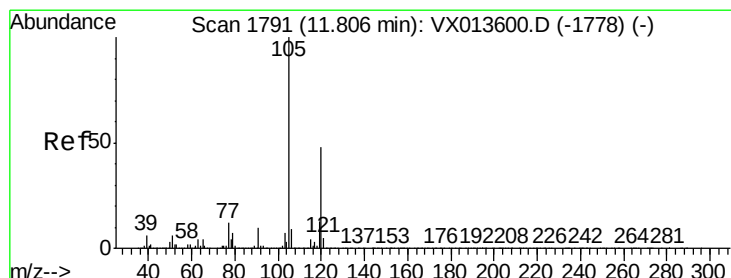
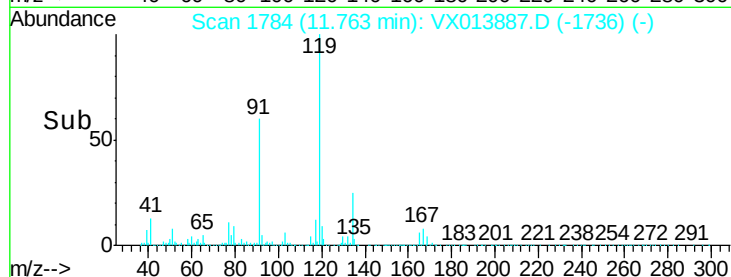
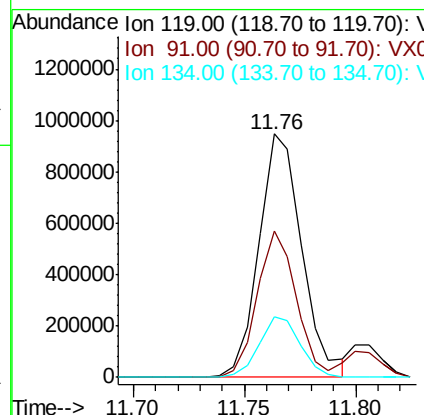
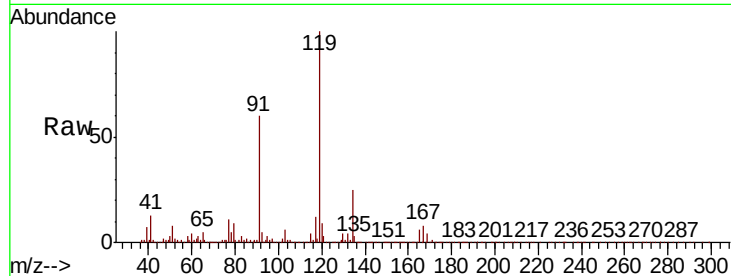
#83
 tert-Butylbenzene
 Concen: 49.526 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1274280
 Ion Ratio Lower Upper
 119 100
 91 54.7 27.2 81.6
 134 23.8 11.7 35.1

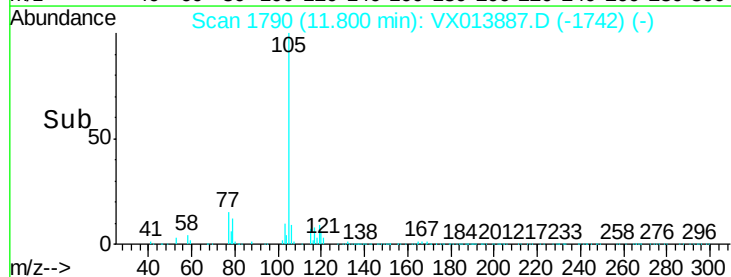
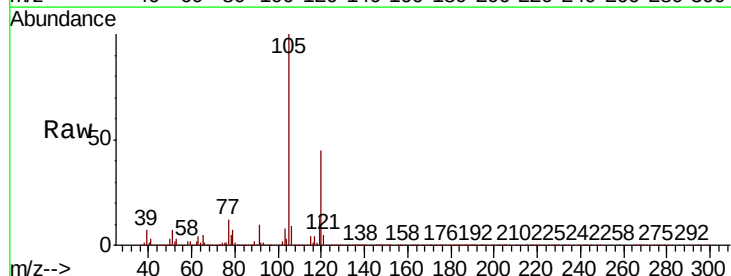
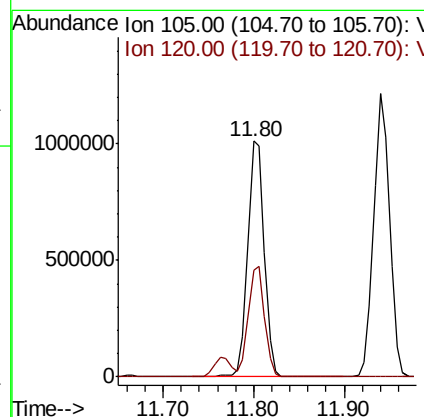
Manual Integrations
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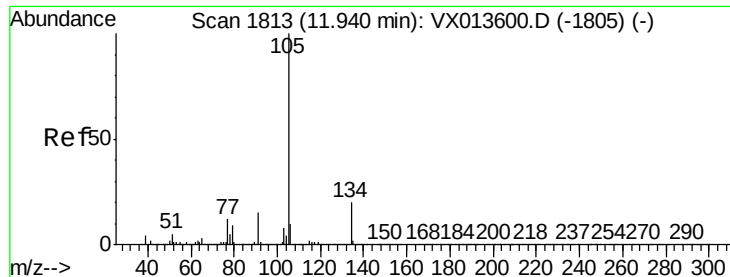
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.611 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion:105 Resp: 1274727
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.525 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1484859

Ion Ratio Lower Upper

105 100

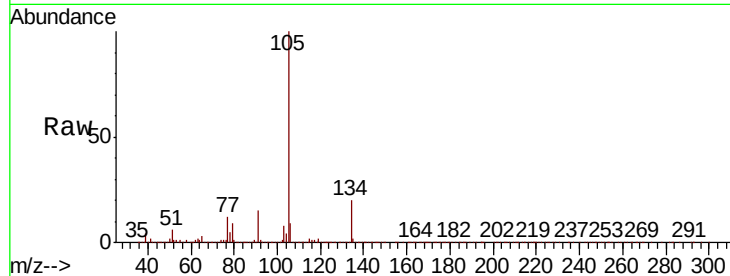
134 21.0 10.4 31.2

Manual Integrations

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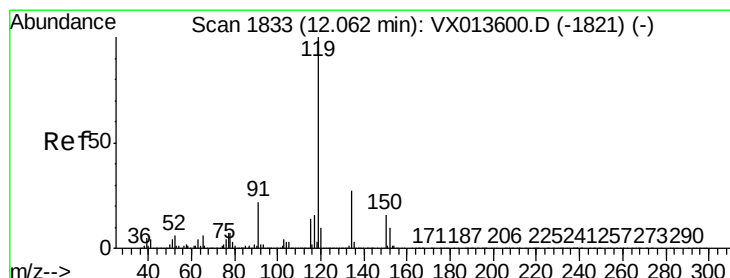
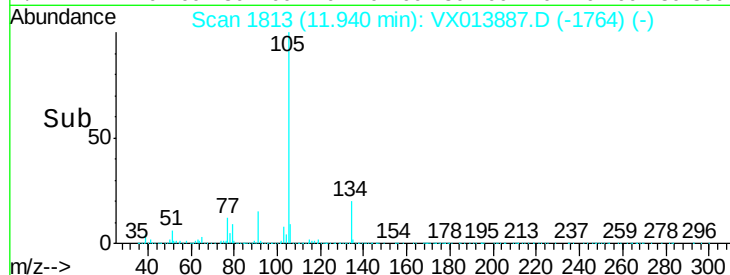
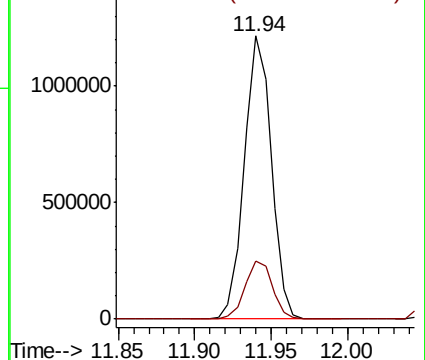
apatel

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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: 50.606 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013887.D

Acq: 10 Dec 2019 10:23

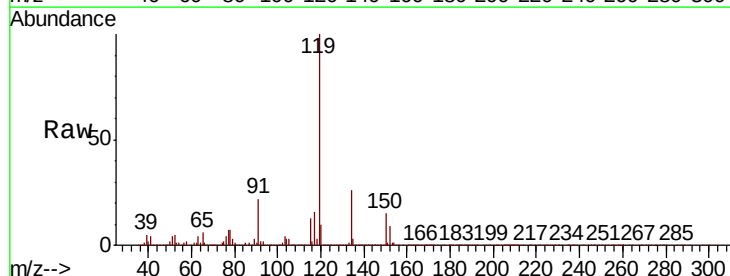
Tgt Ion:119 Resp: 1383583

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

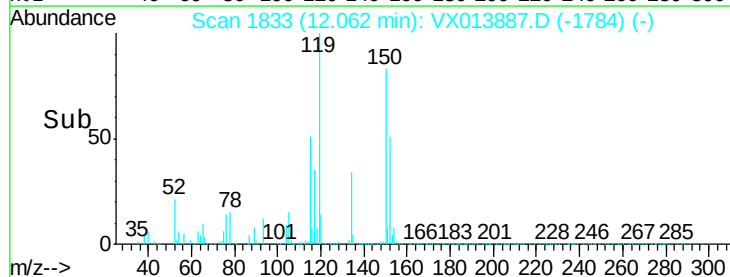
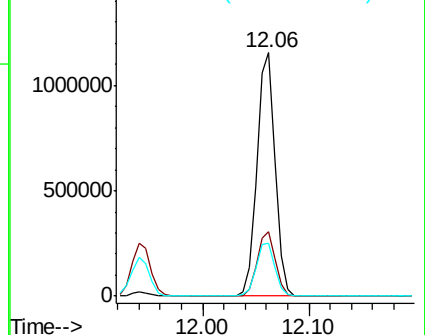
91 22.5 11.3 33.8

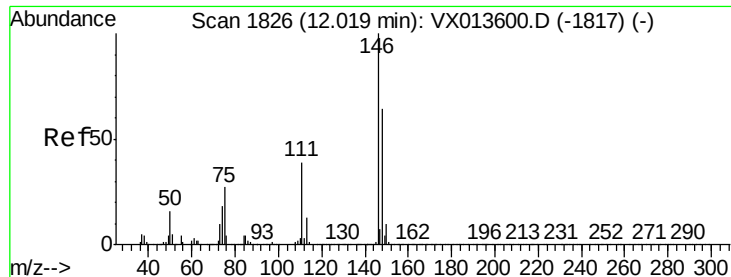


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





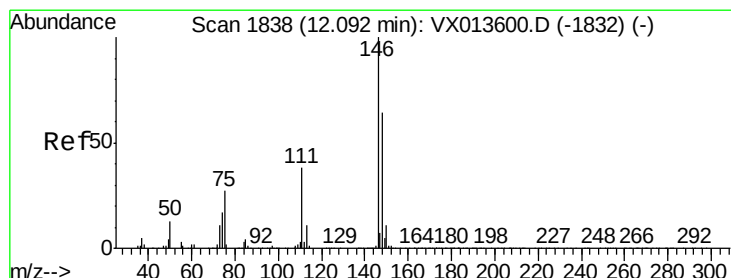
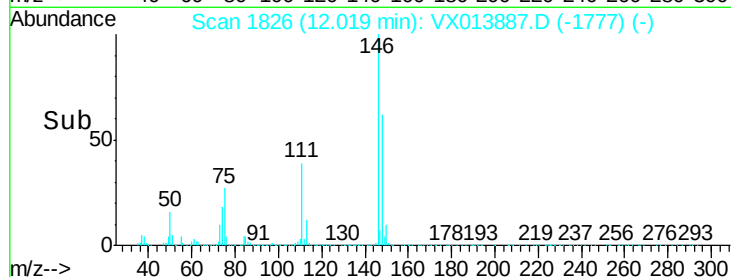
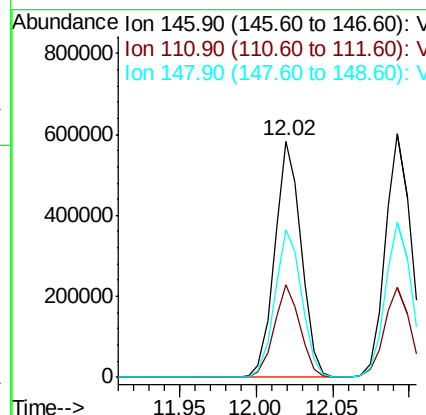
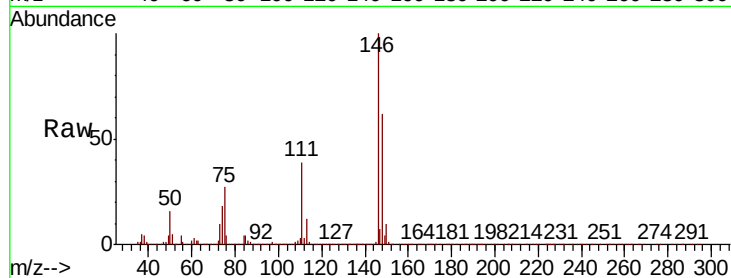
#87
 1,3-Dichlorobenzene
 Concen: 48.237 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	63.5	31.8	95.4

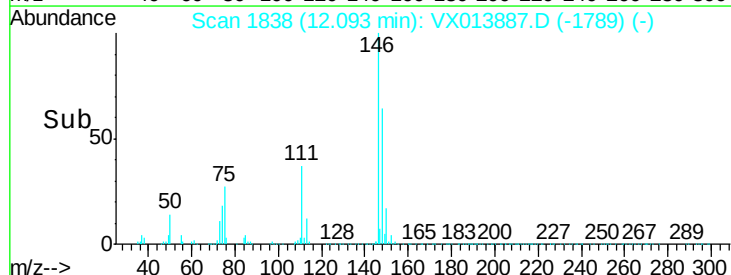
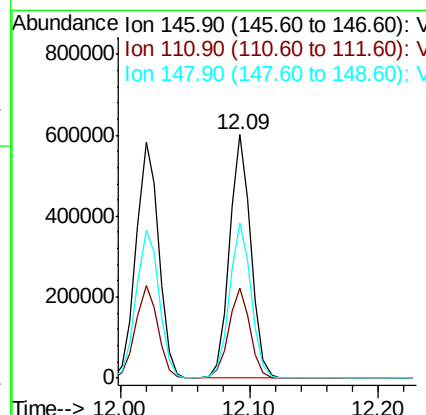
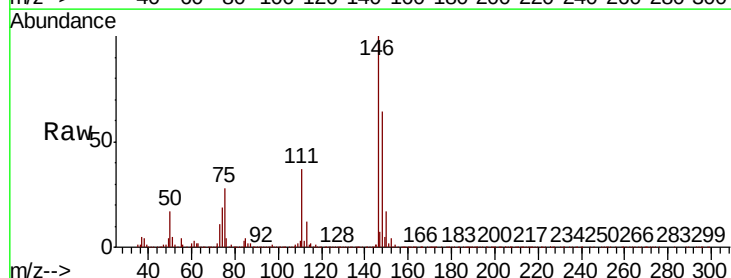
Manual Integrations
 APPROVED

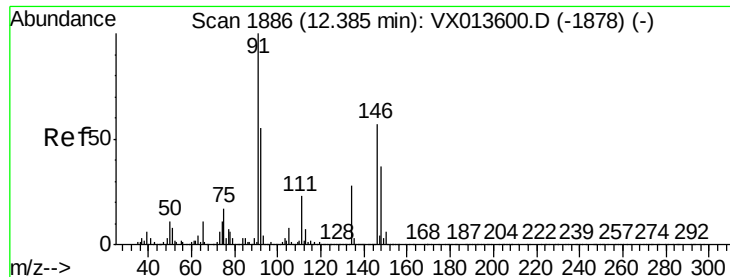
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 47.215 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	64.4	31.9	95.5





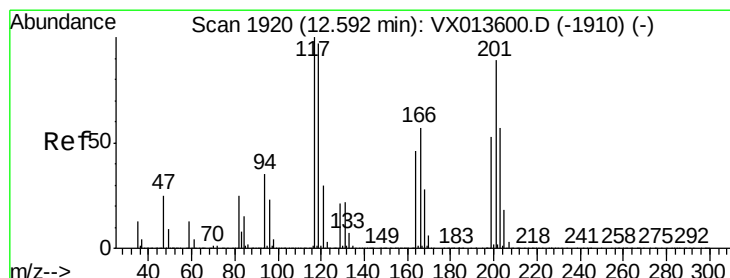
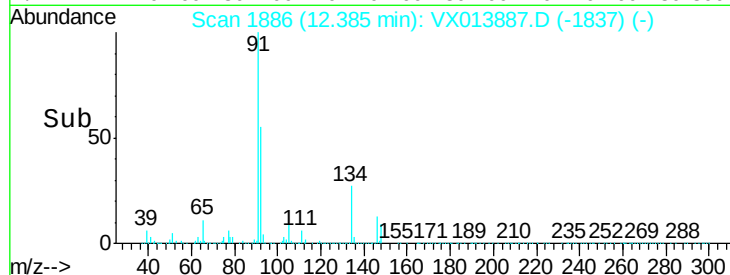
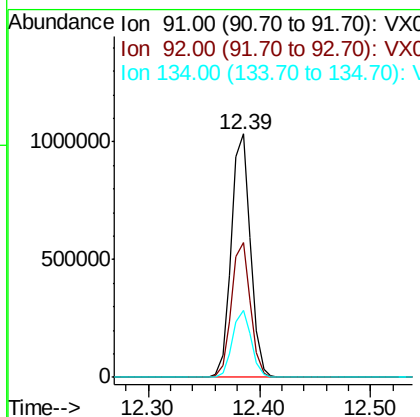
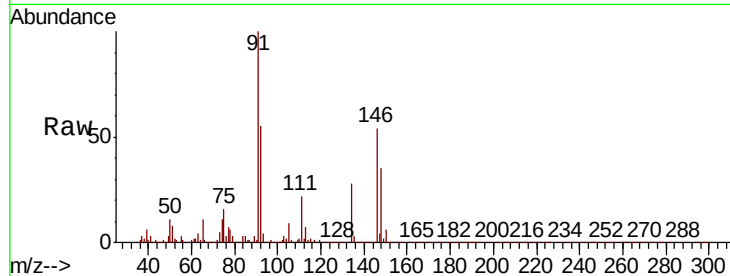
#89
n-Butylbenzene
Concen: 52.604 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

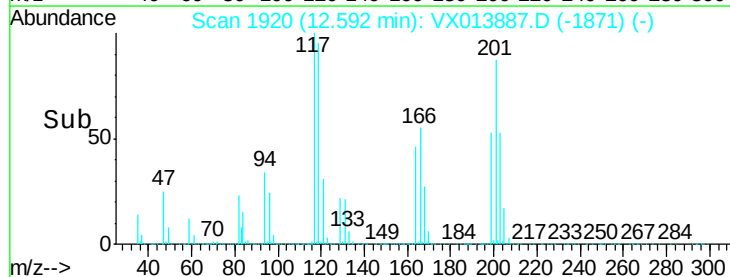
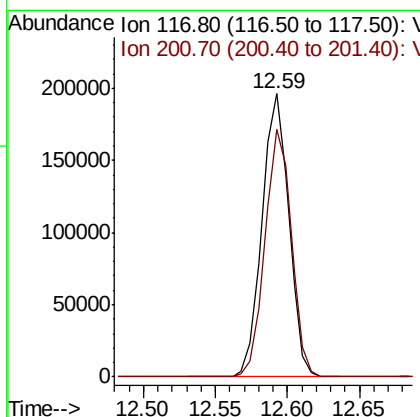
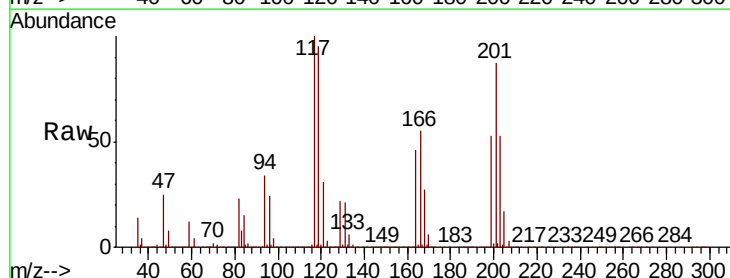
Manual Integrations
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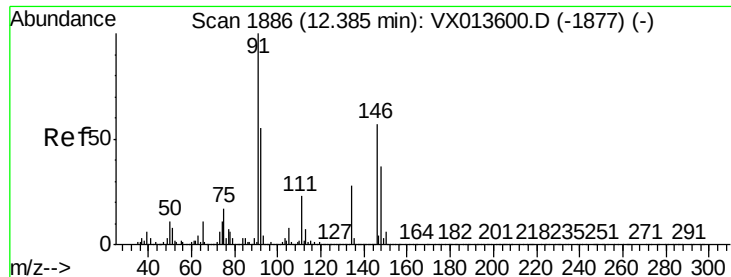
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#90
Hexachloroethane
Concen: 50.757 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.1	132.4





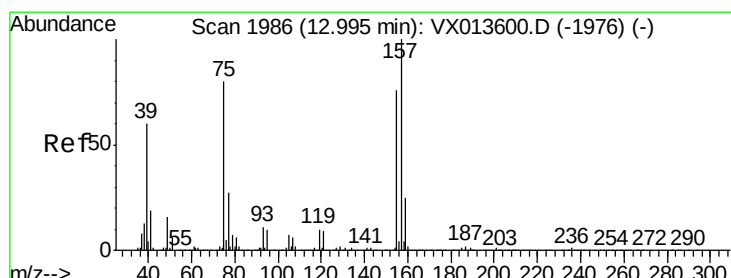
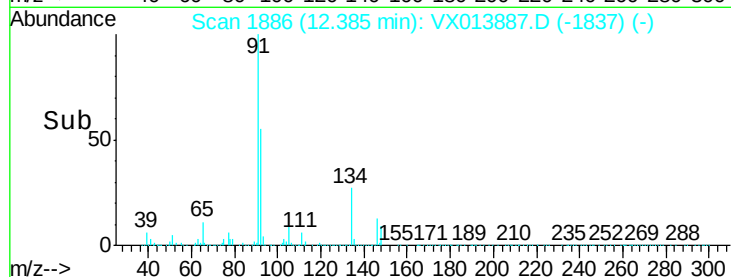
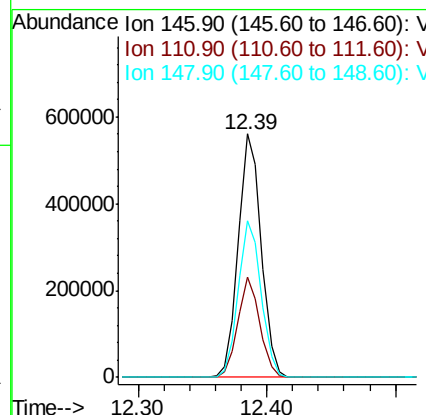
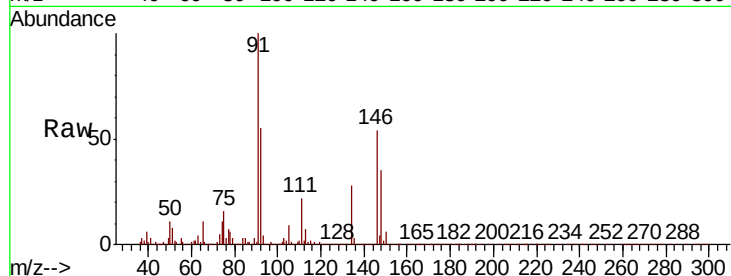
#91
 1,2-Dichlorobenzene
 Concen: 48.523 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	697399		
111	39.5		19.6	58.7
148	64.1		31.9	95.7

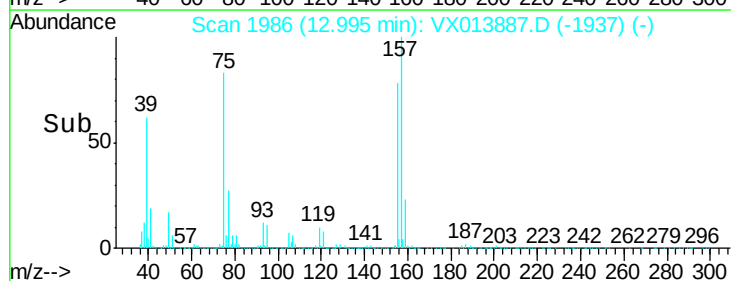
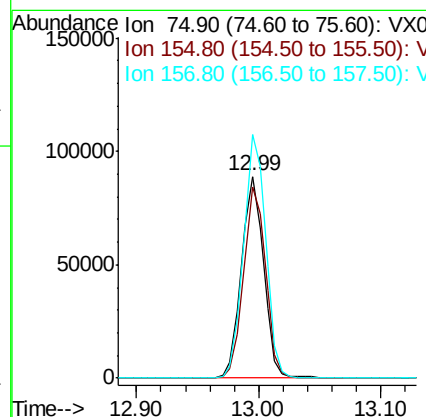
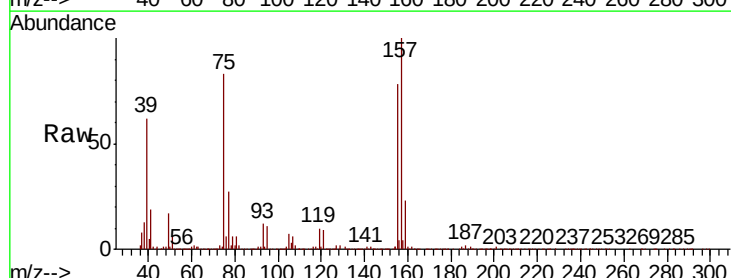
Manual Integrations
 APPROVED

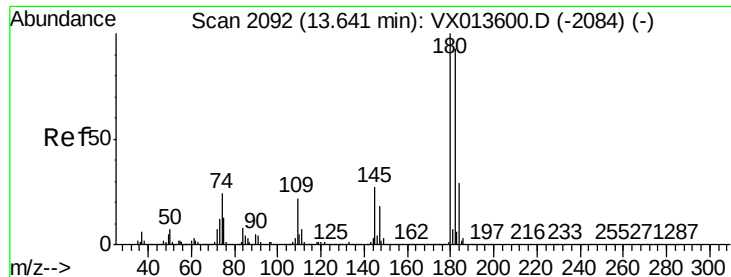
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.154 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	110000		
155	95.4		47.6	142.8
157	122.1		62.1	186.2





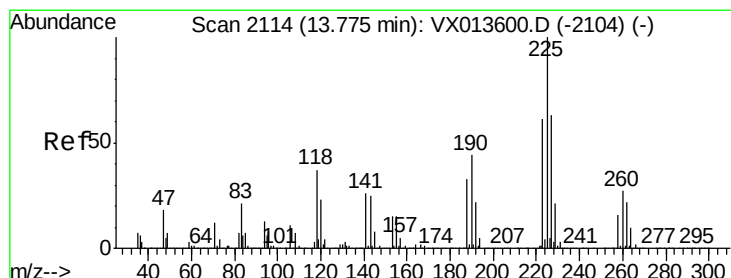
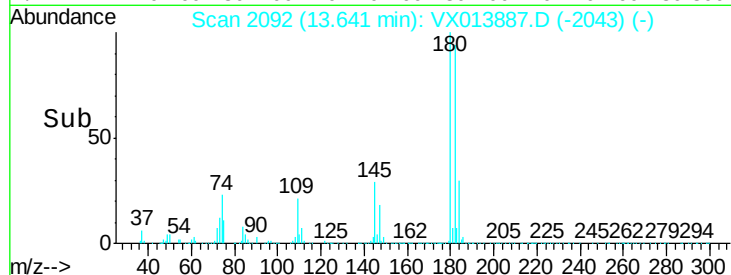
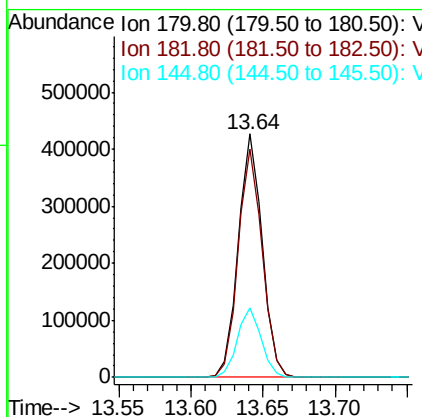
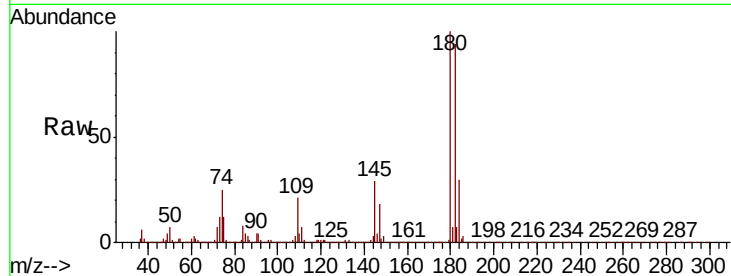
#93
 1,2,4-Trichlorobenzene
 Concen: 49.299 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	493812
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.2	141.6
145	28.7	13.8	41.4

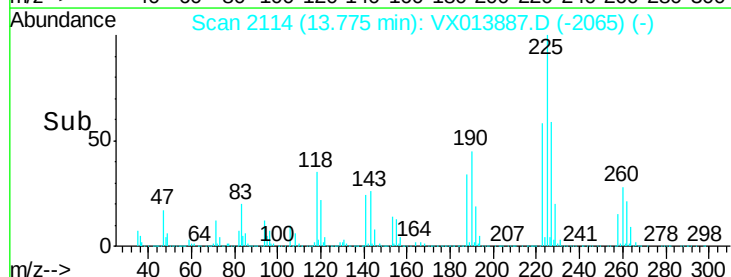
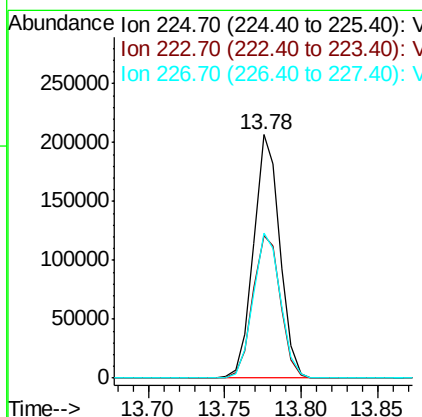
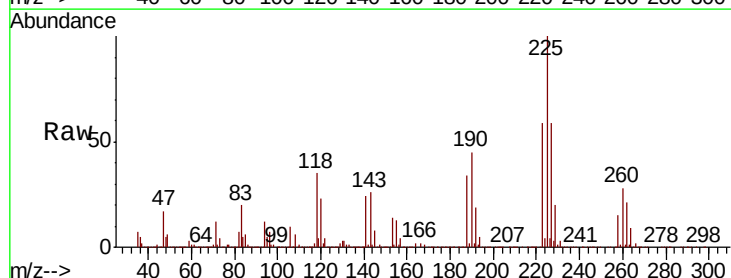
Manual Integrations
 APPROVED

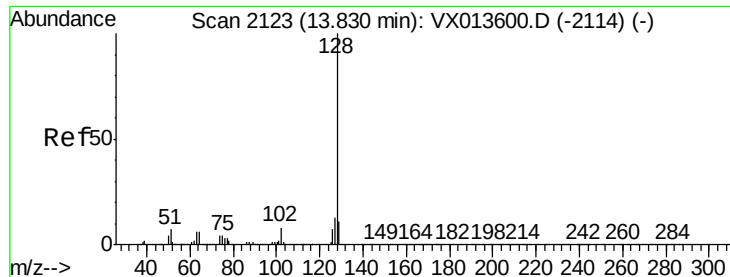
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#94
 Hexachlorobutadiene
 Concen: 51.224 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013887.D
 Acq: 10 Dec 2019 10:23

Tgt Ion:	225	Resp:	246482
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.9	95.5
227	61.9	32.1	96.3





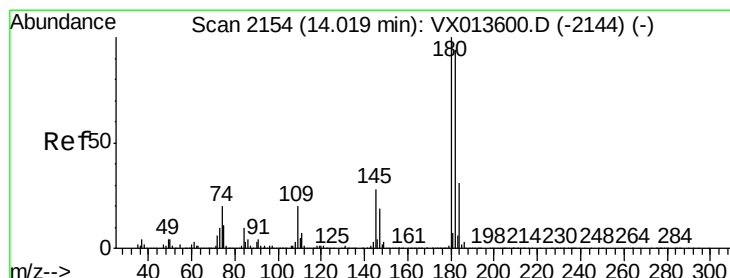
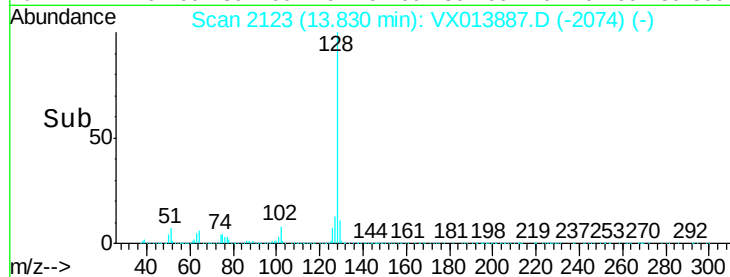
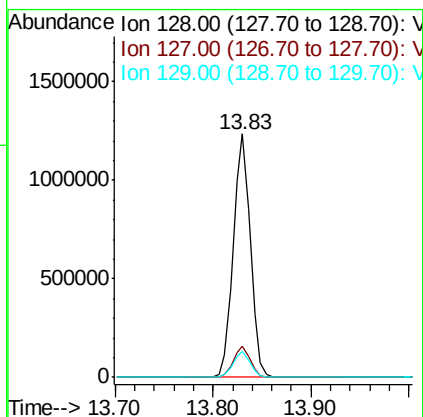
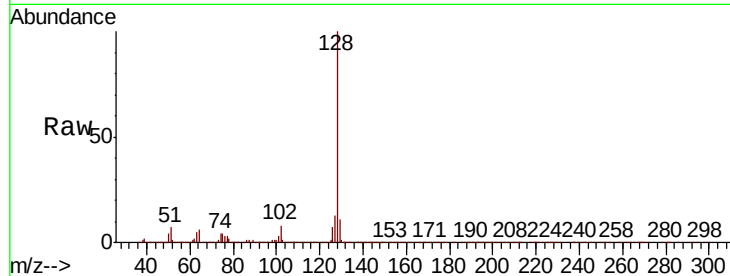
#95
Naphthalene
Concen: 49.960 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 2:13:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.304 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013887.D
Acq: 10 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.8
145	30.1	15.0	45.0

