

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013714.D
 Acq On : 29 Nov 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/2/2019 12:48:25 PM

Quant Time: Nov 30 00:46:44 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	662801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	930447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	472833	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	359883	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	301088	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	1161777	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.13	95	413334	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	358906	48.650	ug/l	97
3) Chloromethane	1.32	50	390888	47.221	ug/l	100
4) Vinyl Chloride	1.40	62	470268	50.474	ug/l	100
5) Bromomethane	1.63	94	225855	36.096	ug/l	98
6) Chloroethane	1.71	64	254818	48.063	ug/l	98
7) Trichlorofluoromethane	1.92	101	496265	47.969	ug/l	99
8) Diethyl Ether	2.18	74	230974	49.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298749	47.276	ug/l	99
10) Methyl Iodide	2.50	142	307874	40.276	ug/l	99
11) Tert butyl alcohol	3.03	59	380475	200.352	ug/l	97
12) 1,1-Dichloroethene	2.36	96	305224	48.389	ug/l	98
13) Acrolein	2.28	56	251967	199.635	ug/l	100
14) Allyl chloride	2.72	41	544158	47.538	ug/l	99
15) Acrylonitrile	3.13	53	926941	236.468	ug/l	99
16) Acetone	2.43	43	1002193	263.843	ug/l	100
17) Carbon Disulfide	2.56	76	805440	44.793	ug/l	100
18) Methyl Acetate	2.76	43	537374	50.805	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1030721	49.326	ug/l	98
20) Methylene Chloride	2.85	84	348345	47.735	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	325630	47.388	ug/l	97
22) Diisopropyl ether	3.84	45	1095858	49.718	ug/l	98
23) Vinyl Acetate	3.80	43	3861796	210.612	ug/l	100
24) 1,1-Dichloroethane	3.69	63	596588	49.513	ug/l	99
25) 2-Butanone	4.65	43	1389836	246.198	ug/l	100
26) 2,2-Dichloropropane	4.57	77	424820	42.613	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383977	48.659	ug/l	98
28) Bromochloromethane	5.00	49	254543	53.458	ug/l	100
29) Tetrahydrofuran	5.11	42	833869	239.611	ug/l	99
30) Chloroform	5.20	83	581848	47.615	ug/l	95
31) Cyclohexane	5.58	56	534571	47.037	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	500330	48.996	ug/l	99
36) 1,1-Dichloropropene	5.79	75	439031	46.780	ug/l	99
37) Ethyl Acetate	4.82	43	501092	47.594	ug/l	100
38) Carbon Tetrachloride	5.78	117	423002	48.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	540090	46.557	ug/l	98
40) Benzene	6.14	78	1373189	48.041	ug/l	99
41) Methacrylonitrile	5.03	41	286152	49.559	ug/l	99
42) 1,2-Dichloroethane	6.18	62	477439	48.977	ug/l	99
43) Isopropyl Acetate	6.43	43	828077	47.774	ug/l	99
44) Trichloroethene	7.21	130	371400	47.344	ug/l	100
45) 1,2-Dichloropropane	7.51	63	351360	49.131	ug/l	100
46) Dibromomethane	7.65	93	228613	47.068	ug/l	99
47) Bromodichloromethane	7.89	83	454514	49.499	ug/l	99
48) Methyl methacrylate	7.76	41	411756	48.892	ug/l	99
49) 1,4-Dioxane	7.73	88	157456	835.257	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2591998	237.733	ug/l	100
52) Toluene	8.78	92	864634	48.692	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	495165	47.377	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	556602	48.745	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	349189	48.798	ug/l	98
56) Ethyl methacrylate	9.17	69	568644	49.427	ug/l	99
57) 1,3-Dichloropropane	9.37	76	587794	47.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1082921	240.078	ug/l	100
59) 2-Hexanone	9.49	43	2024517	238.080	ug/l	99
60) Dibromochloromethane	9.57	129	364343	49.062	ug/l	99
61) 1,2-Dibromoethane	9.67	107	367877	48.134	ug/l	99
64) Tetrachloroethene	9.33	164	472905	68.155	ug/l	98
65) Chlorobenzene	10.14	112	921874	47.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	339345	48.919	ug/l	99
67) Ethyl Benzene	10.25	91	1633708	49.214	ug/l	99
68) m/p-Xylenes	10.36	106	1241693	97.700	ug/l	100
69) o-Xylene	10.70	106	605471	48.847	ug/l	99
70) Styrene	10.71	104	1034117	49.596	ug/l	99
71) Bromoform	10.85	173	285375	49.719	ug/l #	100
73) Isopropylbenzene	11.01	105	1594995	48.089	ug/l	99
74) N-amyl acetate	10.89	43	733295	48.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	531724	46.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	440037m	41.377	ug/l	
77) Bromobenzene	11.25	156	419757	46.846	ug/l	98
78) n-propylbenzene	11.35	91	1798276	48.569	ug/l	100
79) 2-Chlorotoluene	11.42	91	1062100	47.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1326271	48.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	173258	44.571	ug/l	99
82) 4-Chlorotoluene	11.51	91	1223907	47.578	ug/l	99
83) tert-Butylbenzene	11.76	119	1197359	43.341	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1343396	48.694	ug/l	100
85) sec-Butylbenzene	11.94	105	1535388	48.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1417041	48.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	736941	47.182	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	723519	45.478	ug/l	99
89) n-Butylbenzene	12.39	91	1201265	47.978	ug/l	99
90) Hexachloroethane	12.59	117	248908	46.909	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	733933	47.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119057	47.532	ug/l	99

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QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	498236	46.325	ug/l	99
94) Hexachlorobutadiene	13.78	225	230063	44.529	ug/l	99
95) Naphthalene	13.83	128	1591665	49.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	509463	47.841	ug/l	99

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

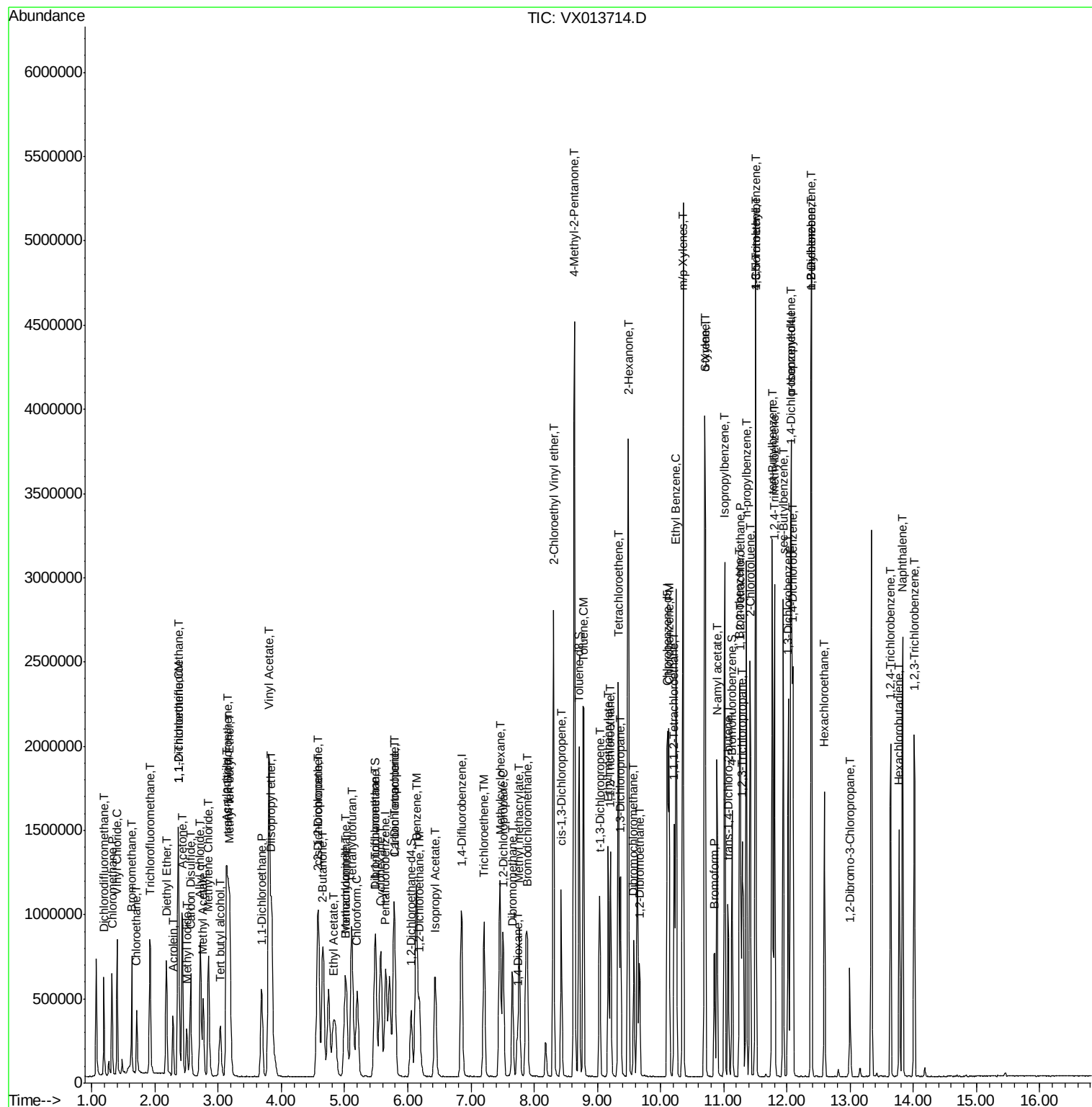
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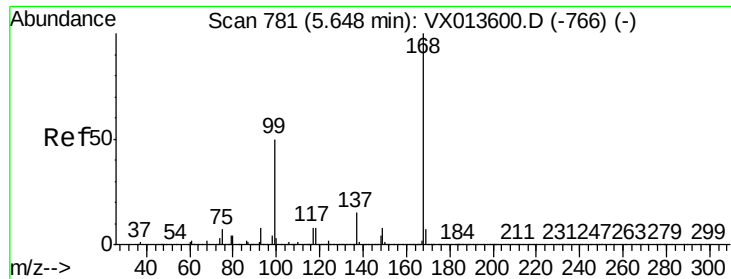
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 662801

Ion Ratio Lower Upper

168 100

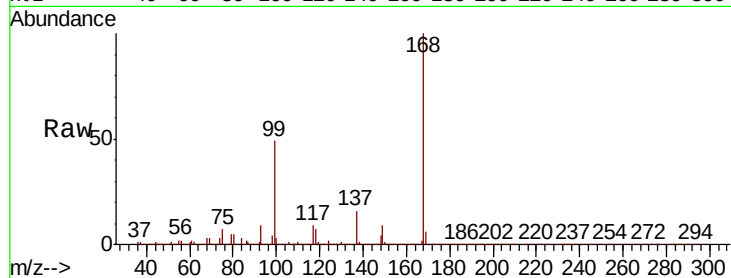
99 49.0 39.8 59.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

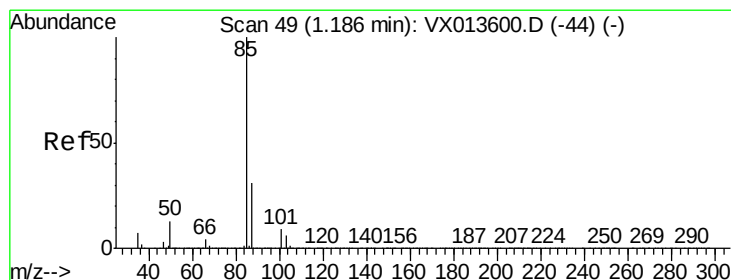
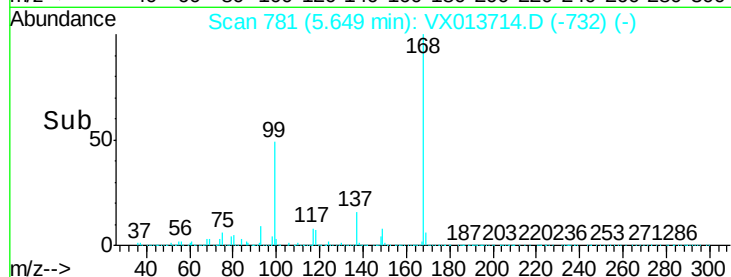
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.650 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013714.D

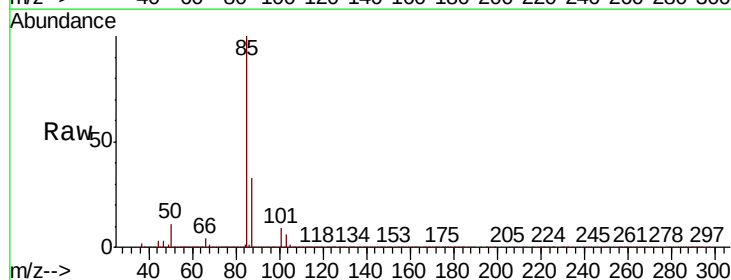
Acq: 29 Nov 2019 20:16

Tgt Ion: 85 Resp: 358906

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

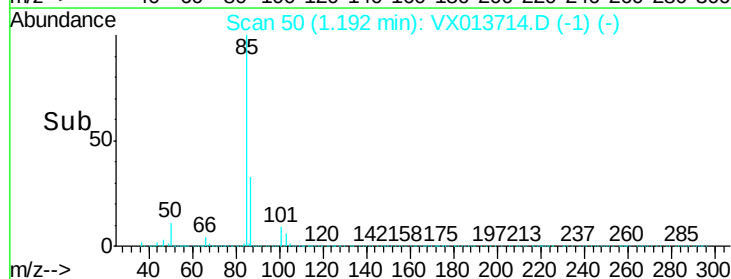
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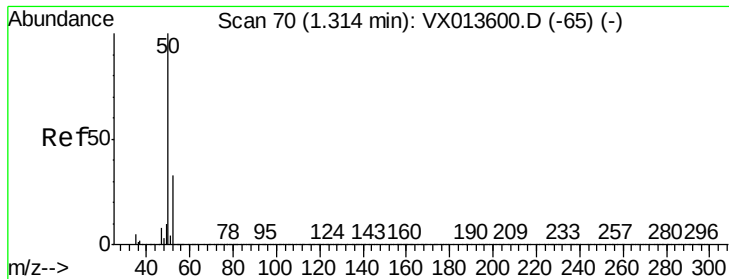
100000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.221 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 390888

Ion Ratio Lower Upper

50 100

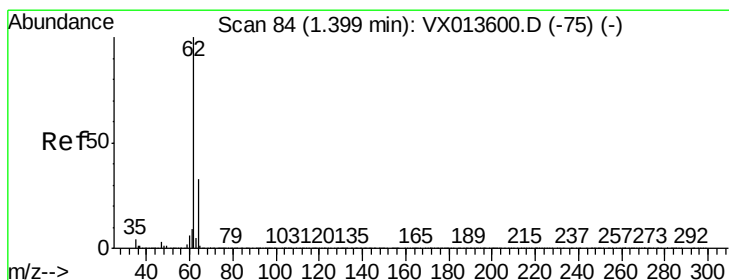
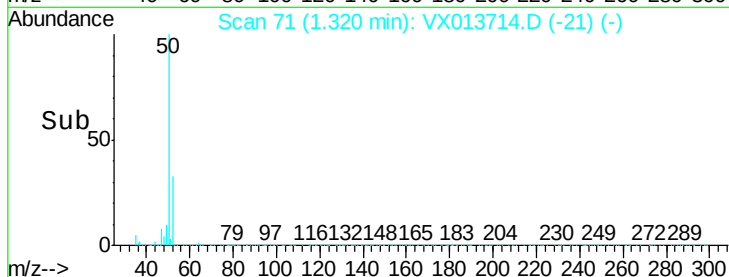
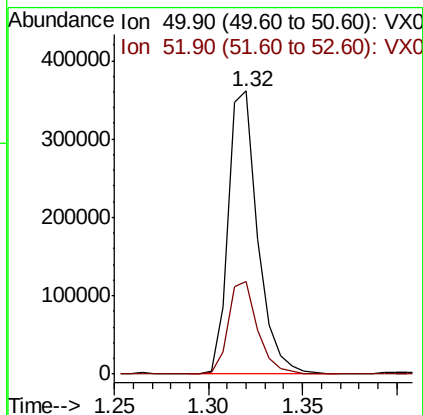
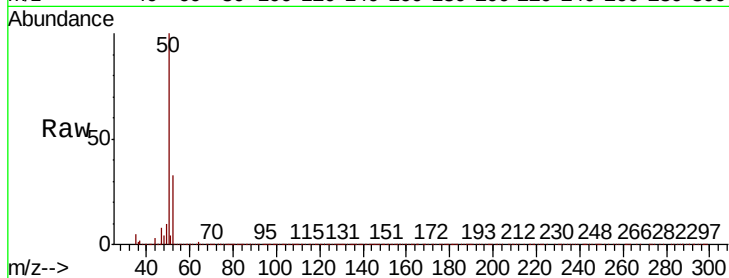
52 32.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.474 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013714.D

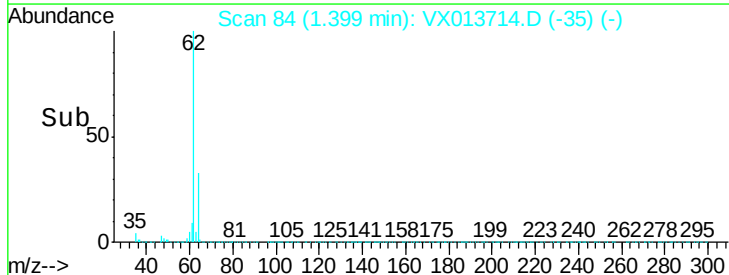
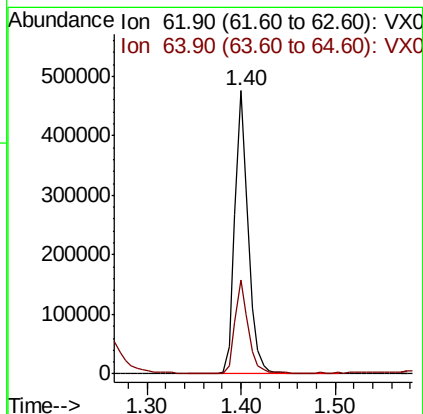
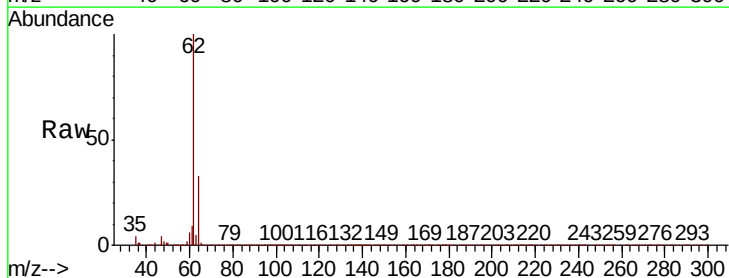
Acq: 29 Nov 2019 20:16

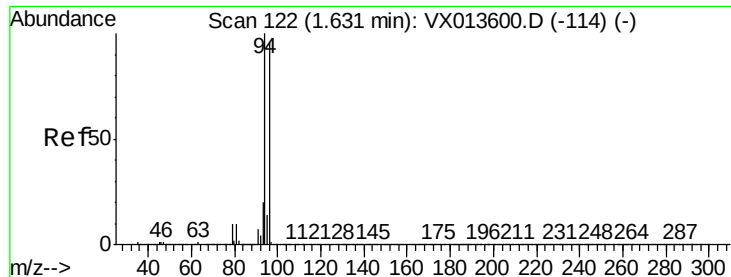
Tgt Ion: 62 Resp: 470268

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 36.096 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 225855

Ion Ratio Lower Upper

94 100

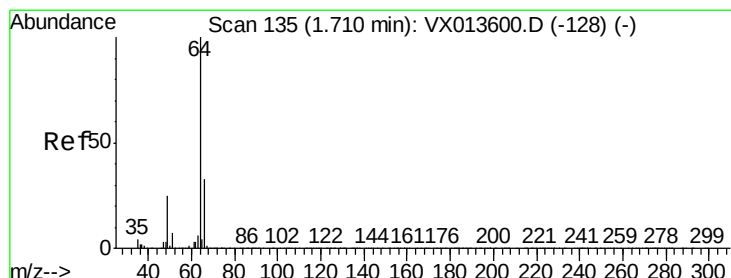
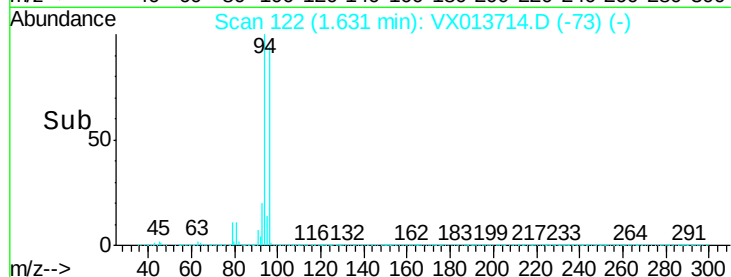
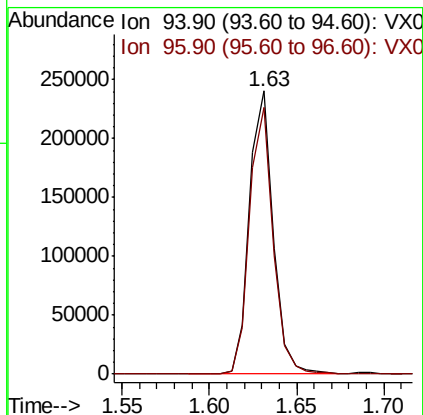
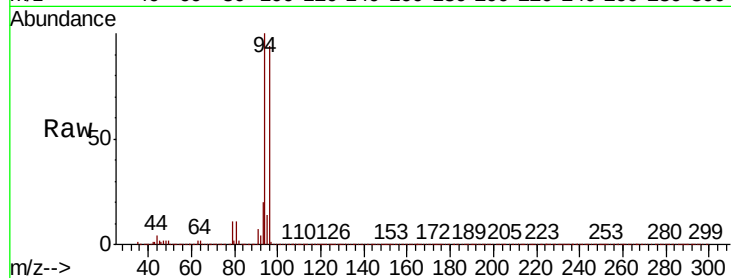
96 94.0 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 48.063 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013714.D

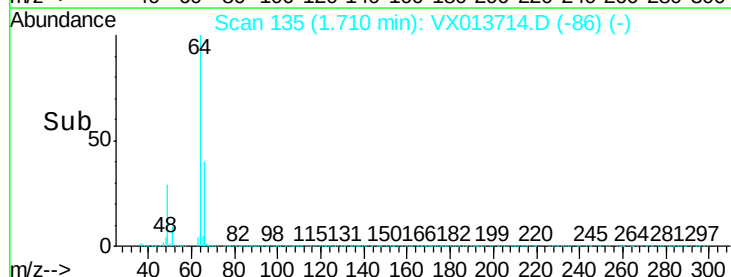
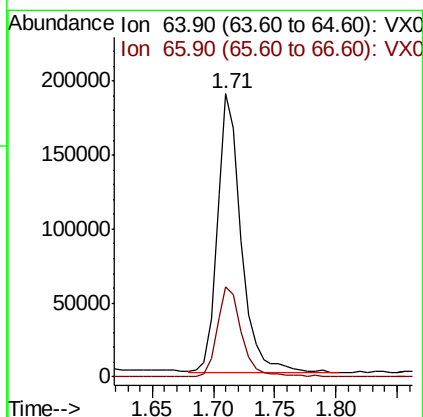
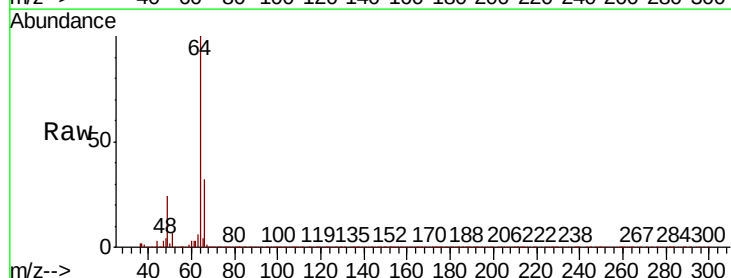
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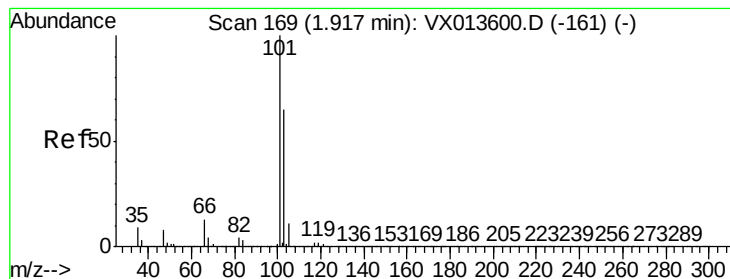
Tgt Ion: 64 Resp: 254818

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1





#7

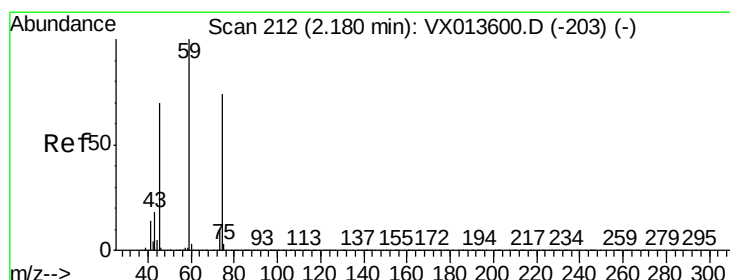
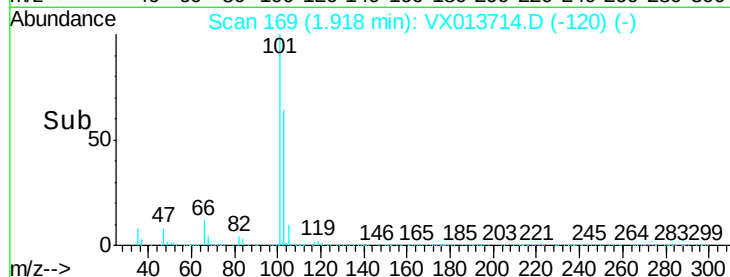
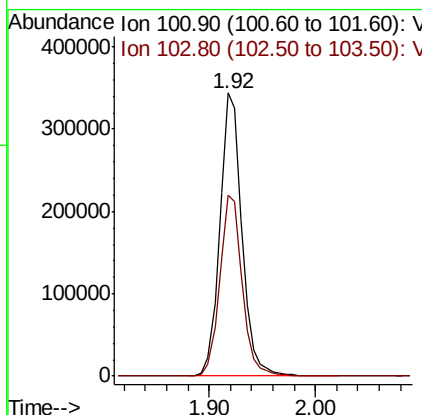
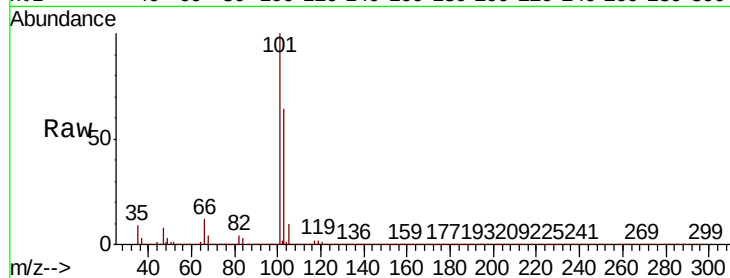
Trichlorofluoromethane
Concen: 47.969 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

Manual Integrations
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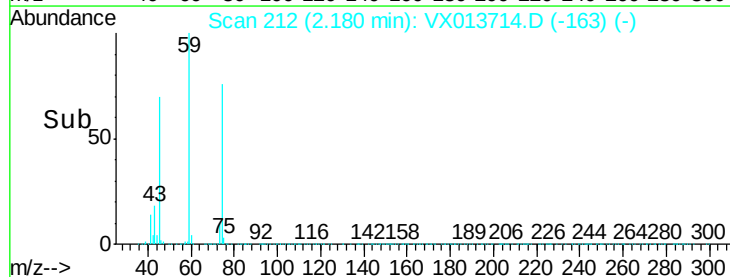
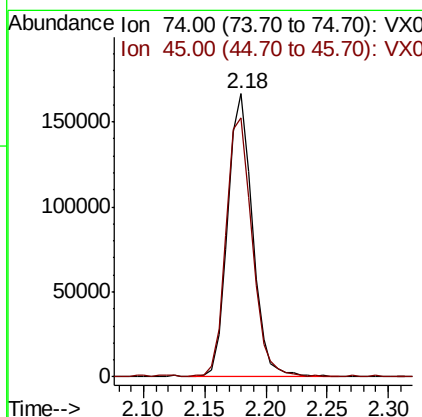
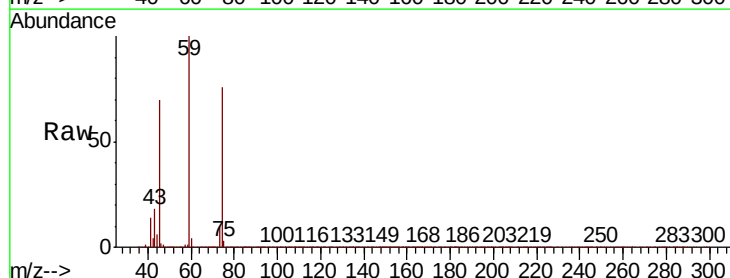
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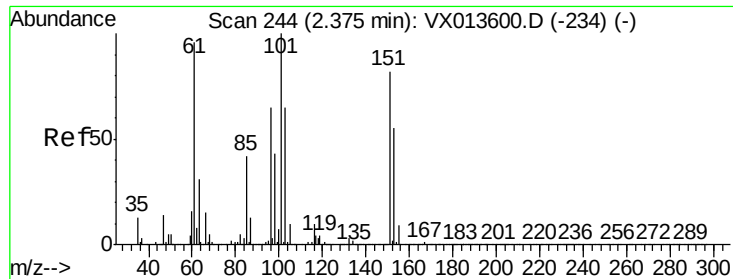


#8

Diethyl Ether
Concen: 49.348 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.276 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

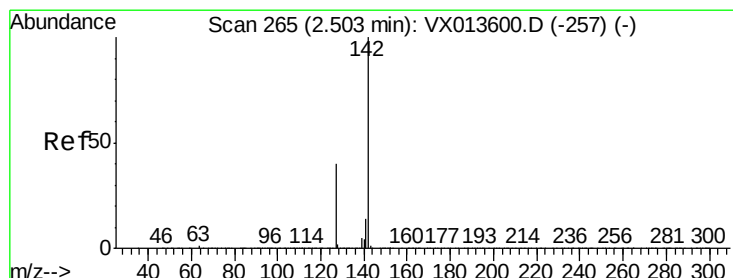
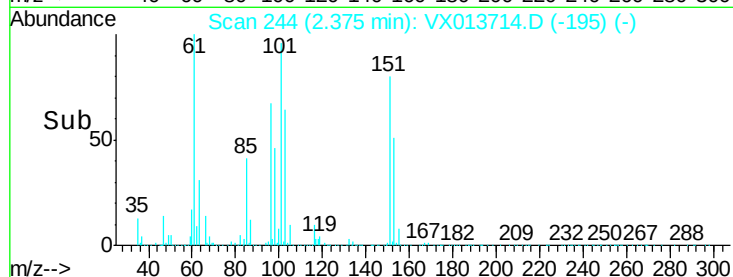
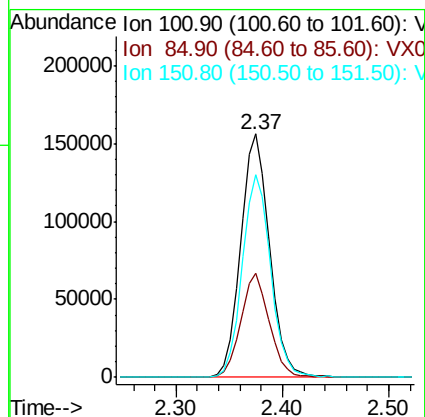
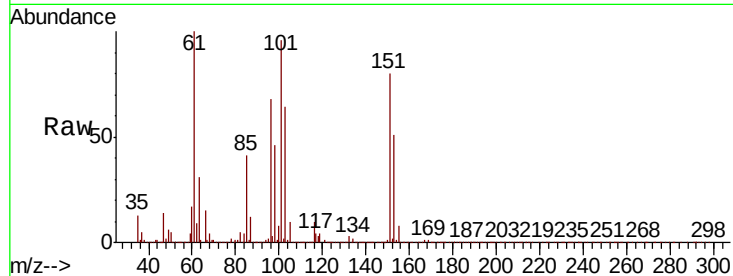
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	298749
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.9	50.9
151	81.9	64.2	96.2

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#10

Methyl Iodide

Concen: 40.276 ug/l

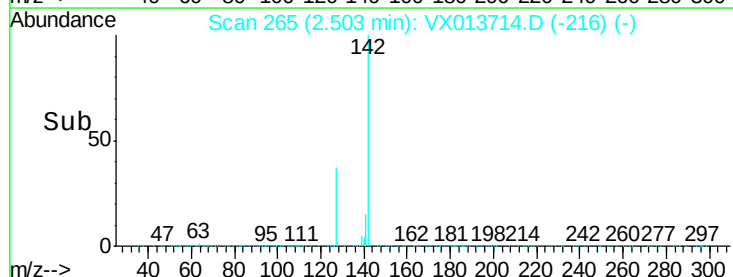
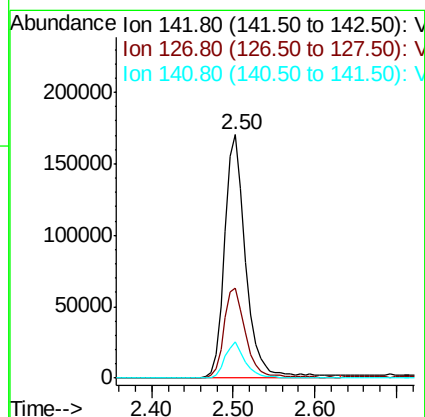
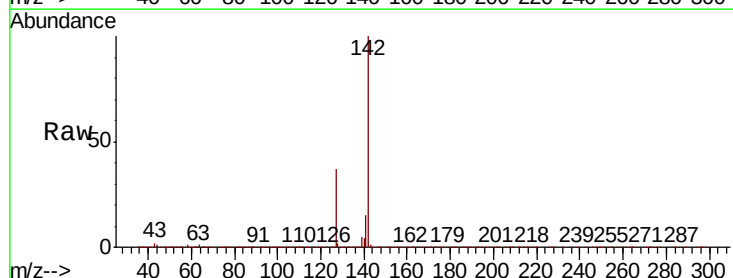
RT: 2.50 min Scan# 265

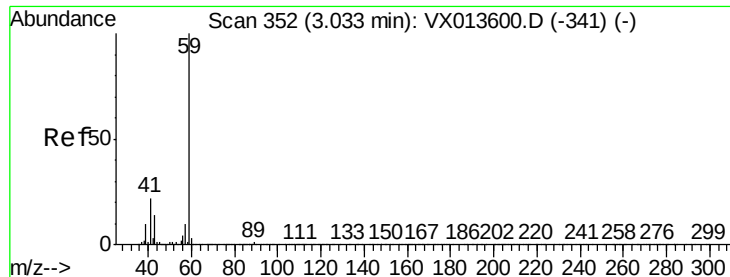
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	142	Resp:	307874
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.0	46.4
141	13.9	11.6	17.4





#11

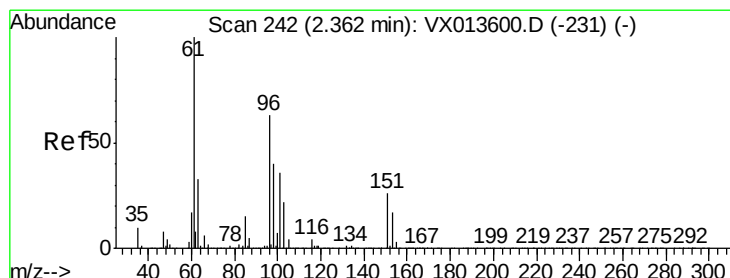
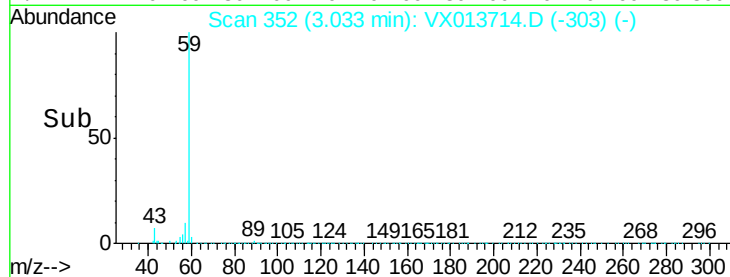
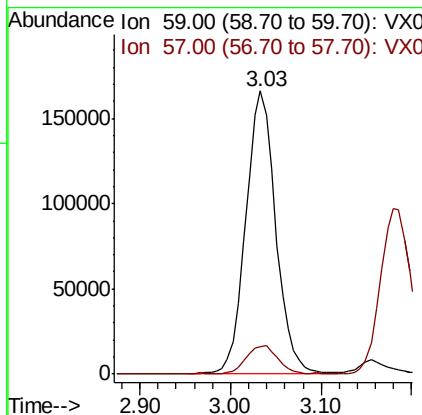
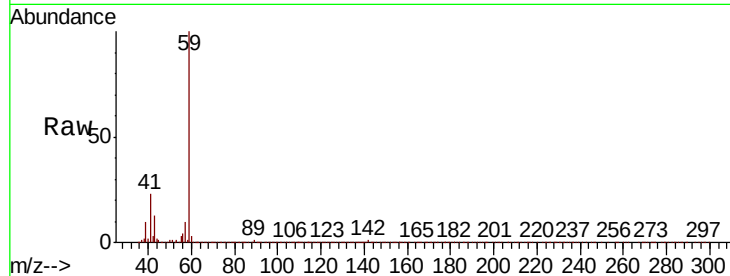
Tert butyl alcohol
Concen: 200.352 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.8	11.6

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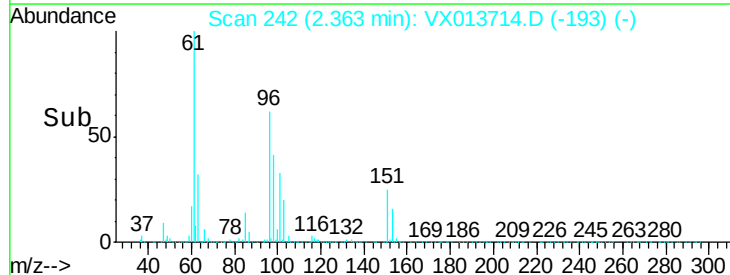
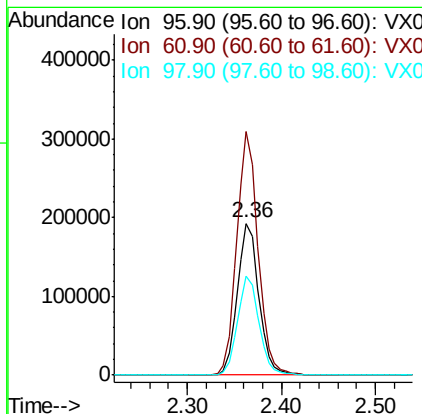
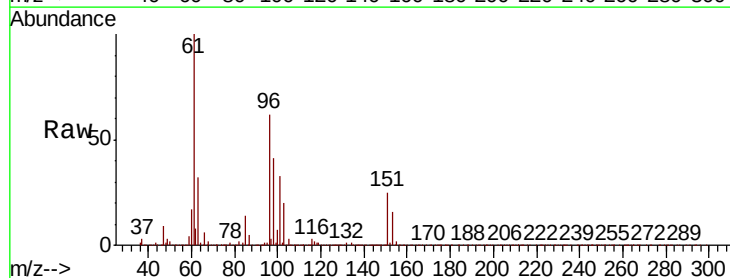
apatel
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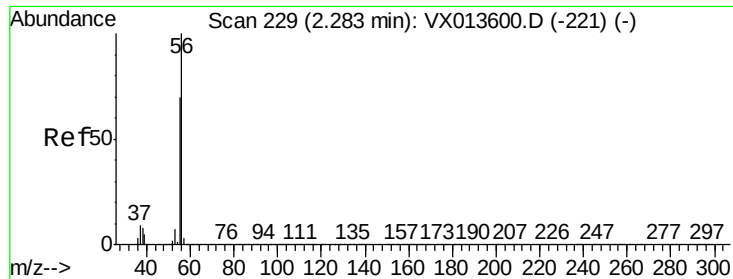


#12

1,1-Dichloroethene
Concen: 48.389 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	126.6	190.0
98	65.3	50.6	76.0





#13

Acrolein

Concen: 199.635 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 251967

Ion Ratio Lower Upper

56 100

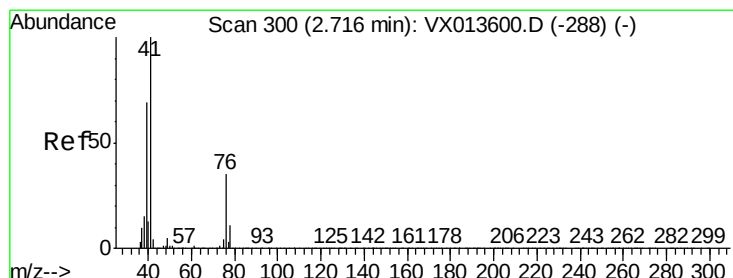
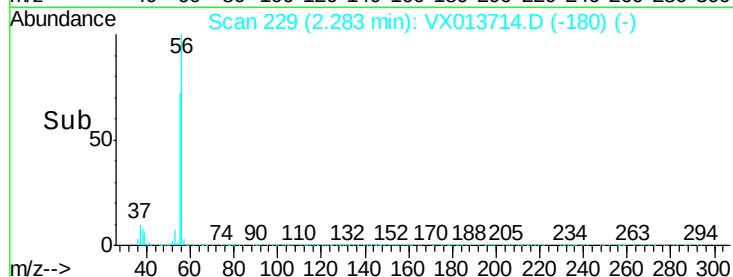
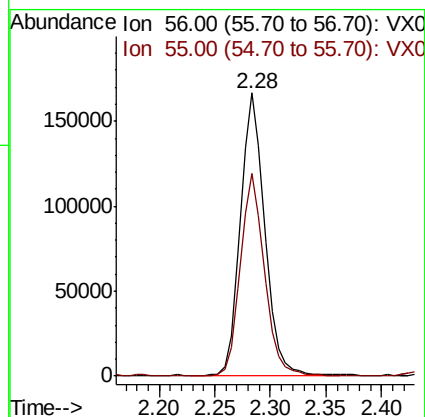
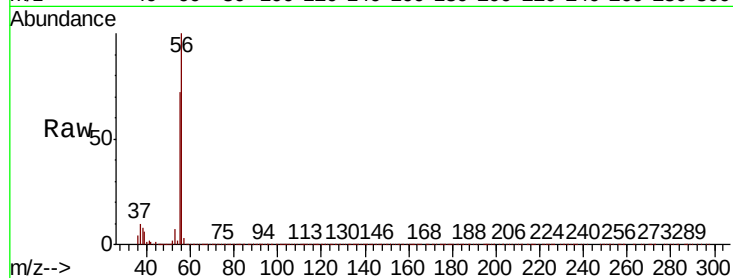
55 70.3 56.2 84.4

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#14

Allyl chloride

Concen: 47.538 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

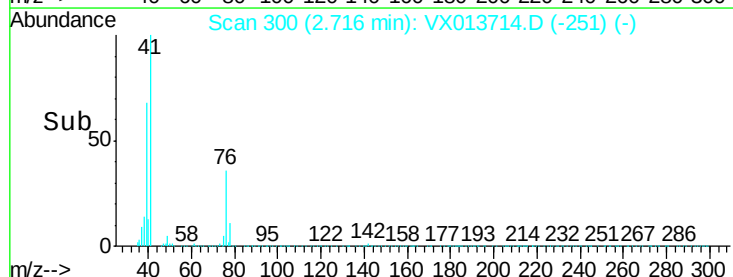
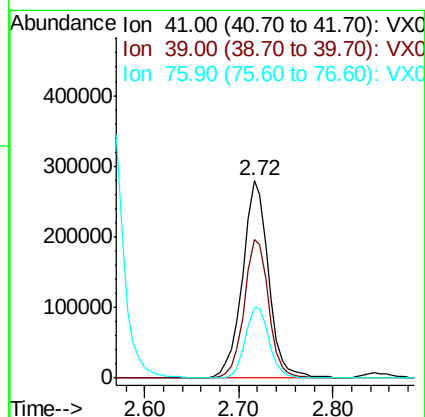
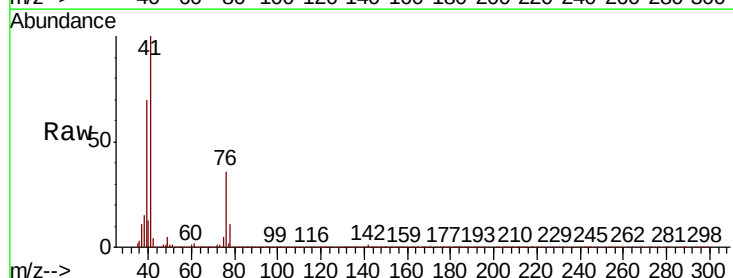
Tgt Ion: 41 Resp: 544158

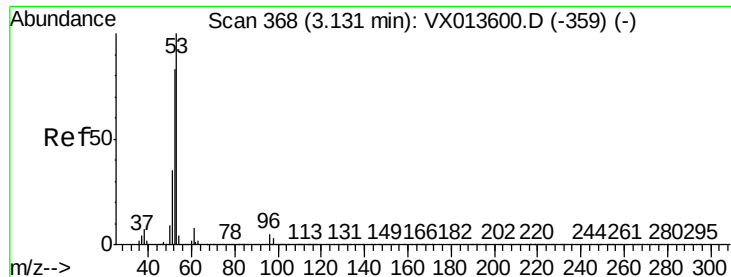
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 236.468 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

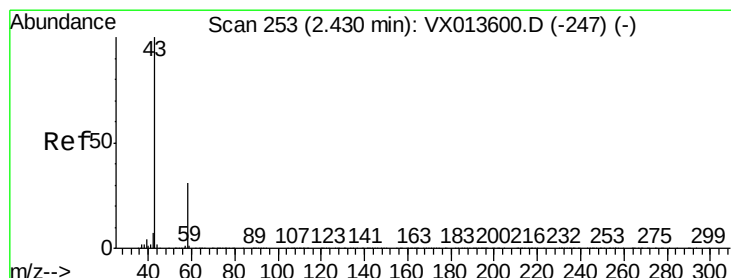
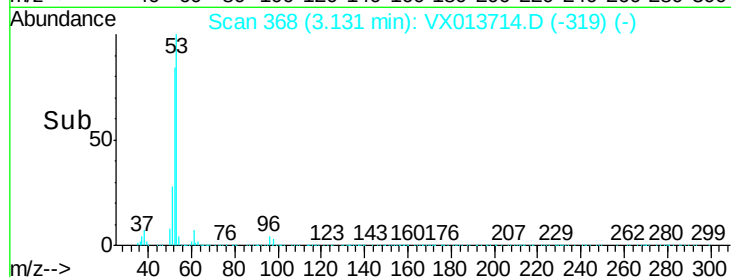
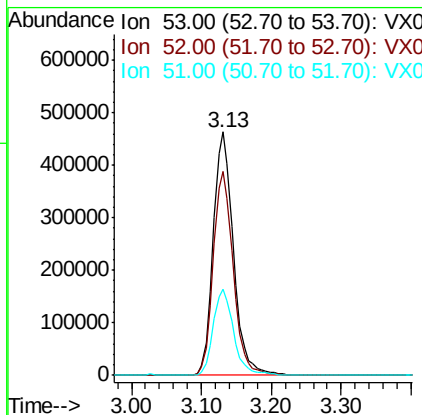
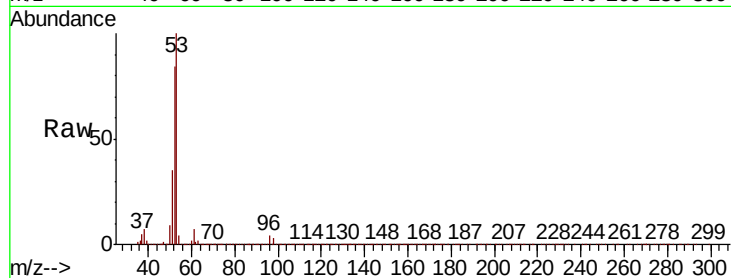
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	926941
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	35.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 263.843 ug/l

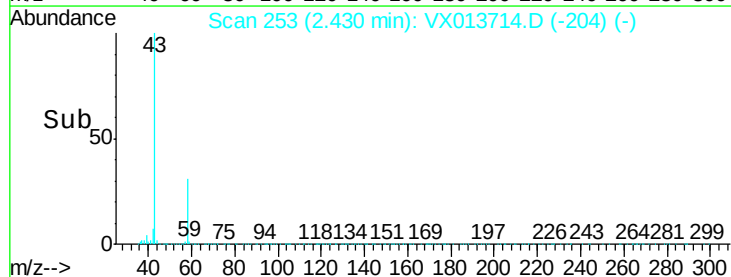
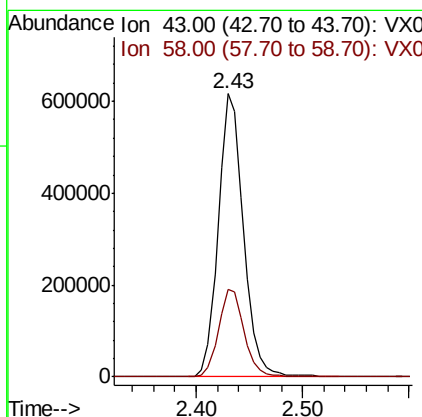
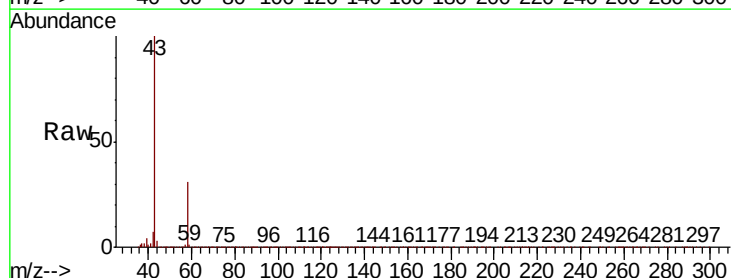
RT: 2.43 min Scan# 253

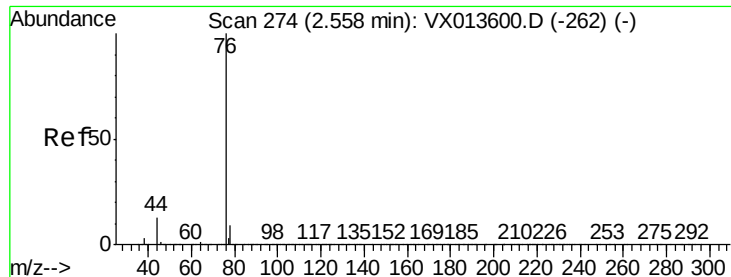
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	43	Resp:	1002193
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	36.8





#17

Carbon Disulfide

Concen: 44.793 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 805440

Ion Ratio Lower Upper

76 100

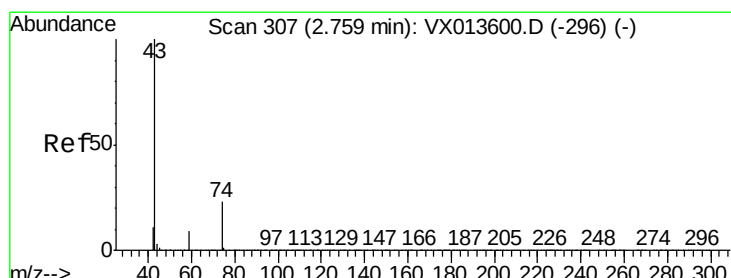
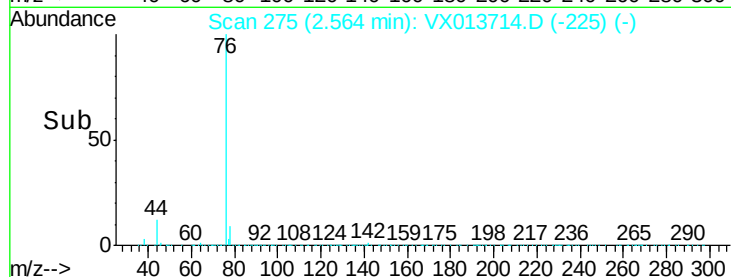
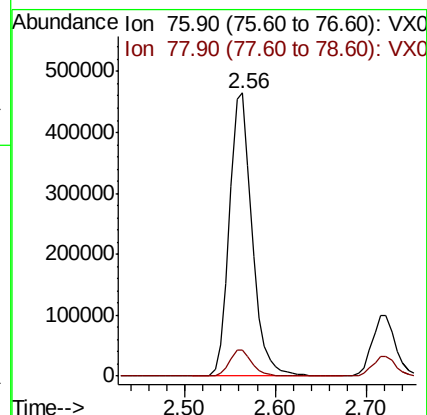
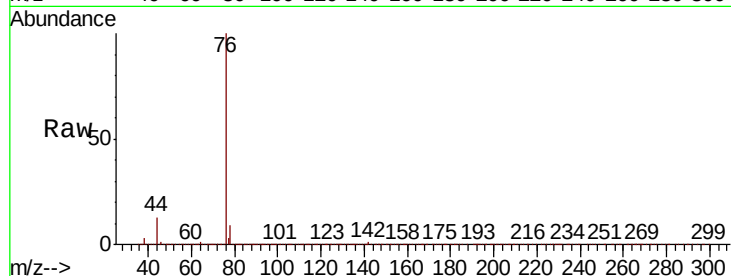
78 9.1 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 50.805 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013714.D

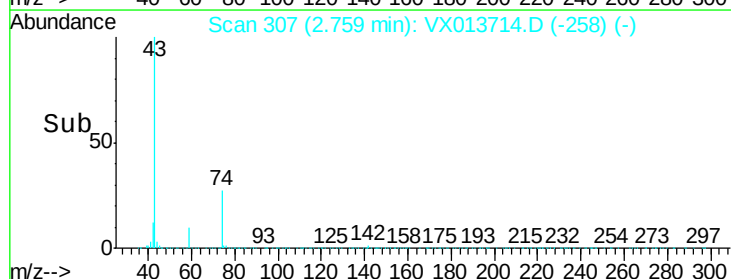
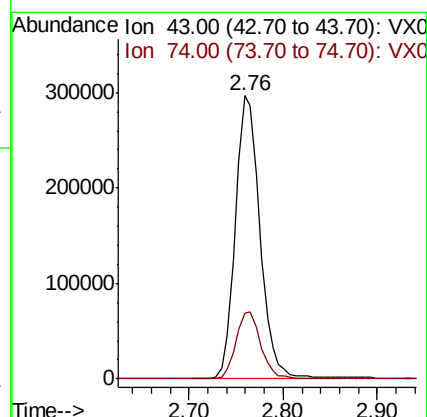
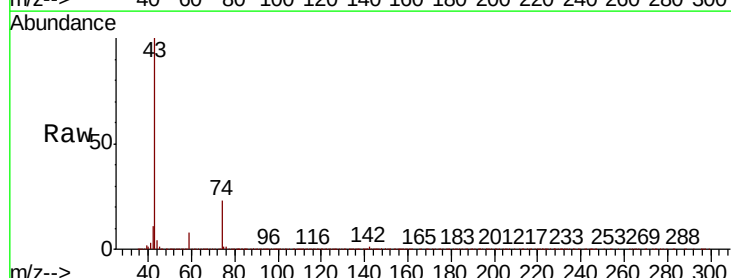
Acq: 29 Nov 2019 20:16

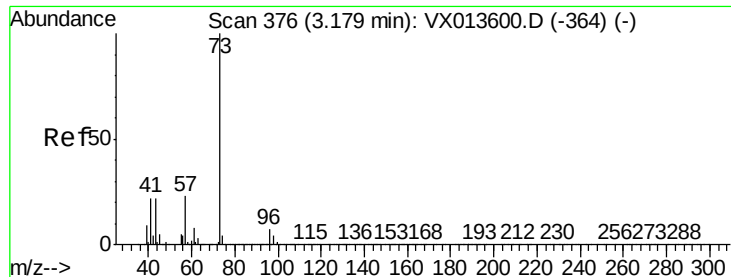
Tgt Ion: 43 Resp: 537374

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3





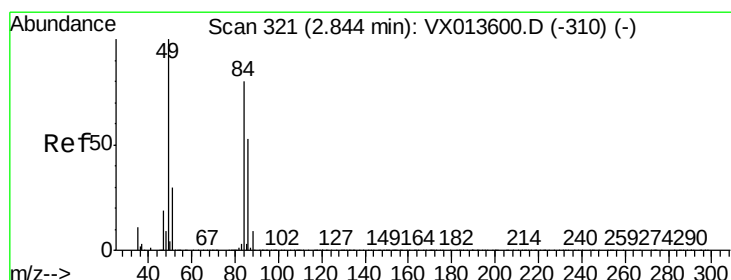
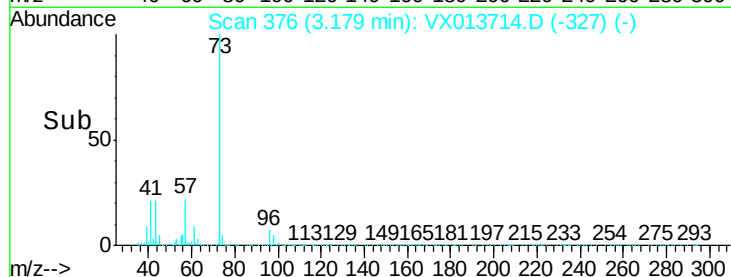
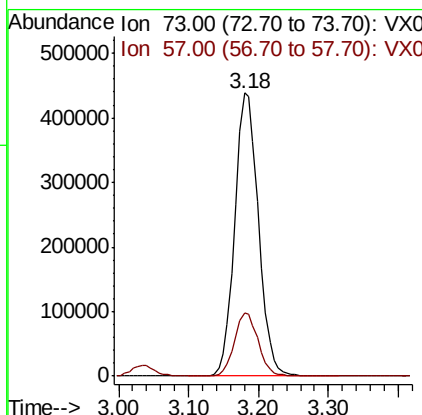
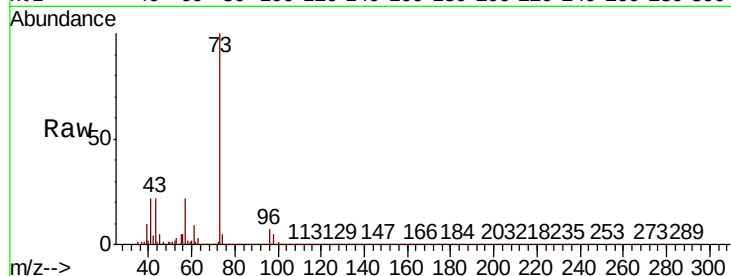
#19
Methyl tert-butyl Ether
Concen: 49.326 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1030721
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

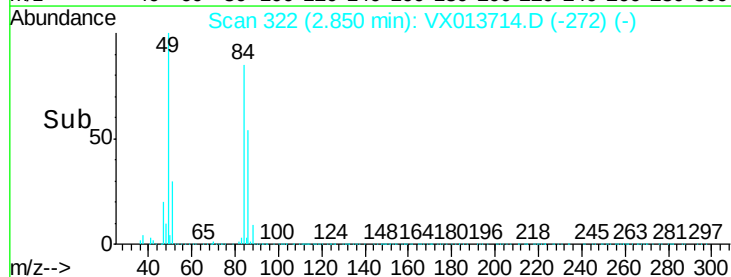
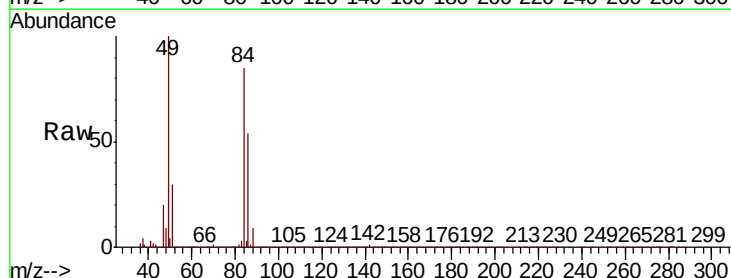
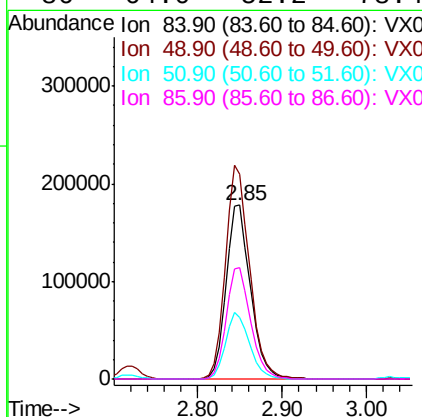
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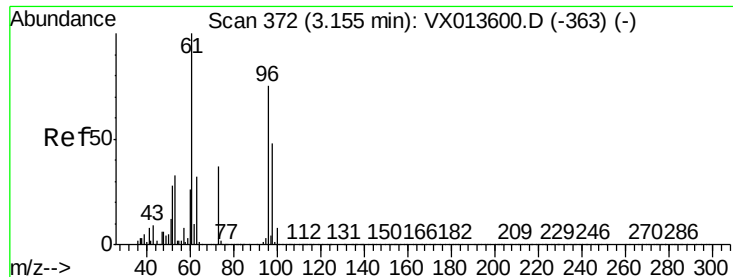
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#20
Methylene Chloride
Concen: 47.735 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 84 Resp: 348345
Ion Ratio Lower Upper
84 100
49 117.9 99.7 149.5
51 35.4 29.9 44.9
86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.388 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

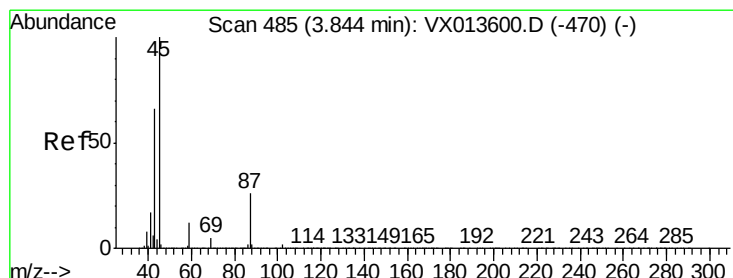
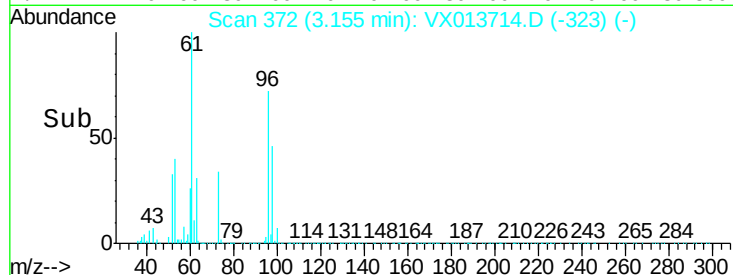
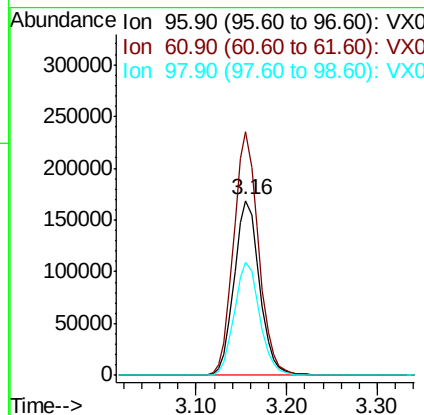
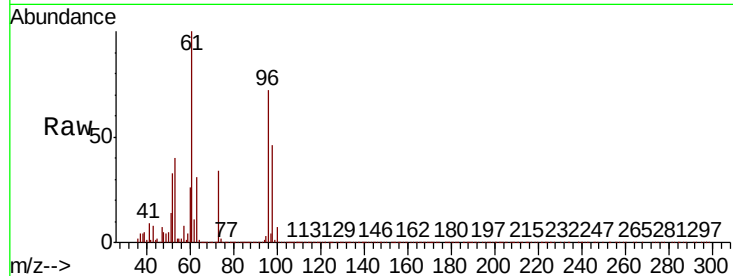
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	325630
Ion	Ratio	Lower	Upper
96	100		
61	139.2	107.2	160.8
98	64.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.718 ug/l

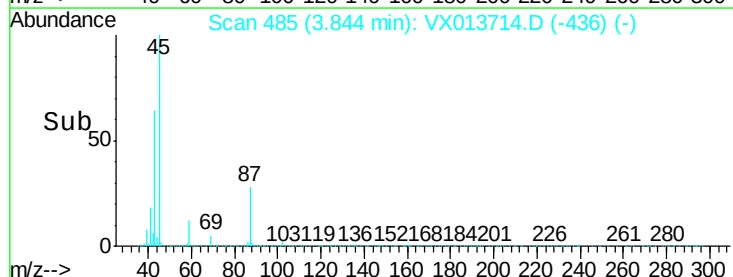
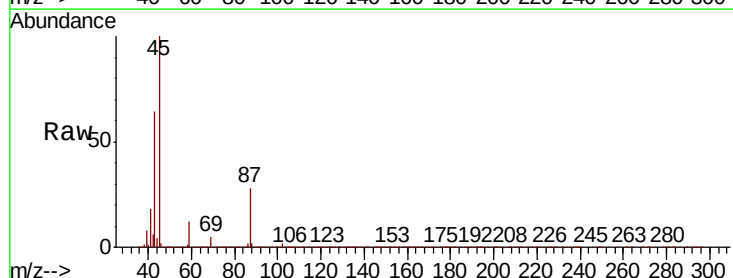
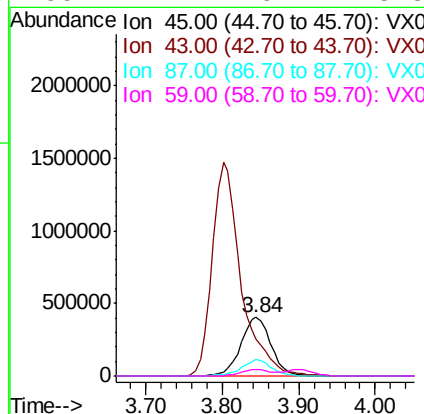
RT: 3.84 min Scan# 485

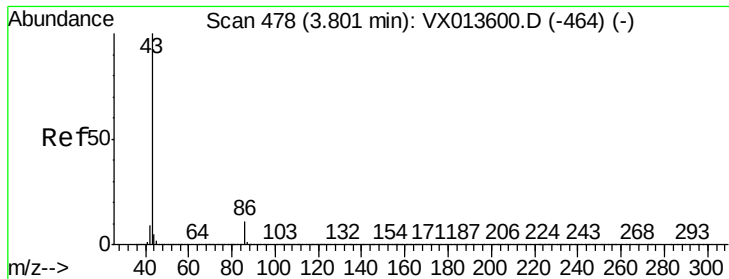
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	45	Resp:	1095858
Ion	Ratio	Lower	Upper
45	100		
43	63.7	52.6	79.0
87	27.5	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 210.612 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3861796

Ion Ratio Lower Upper

43 100

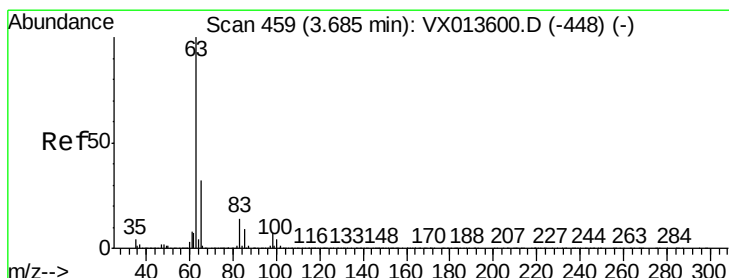
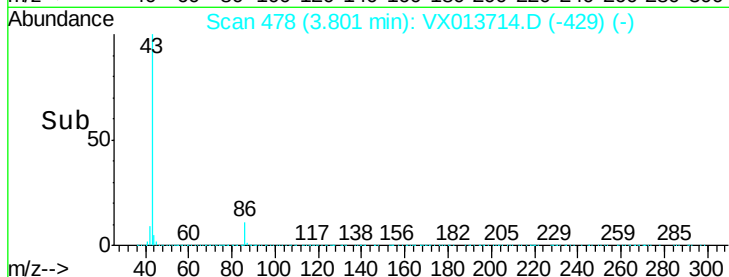
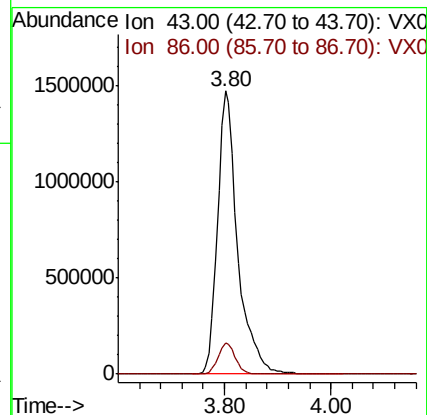
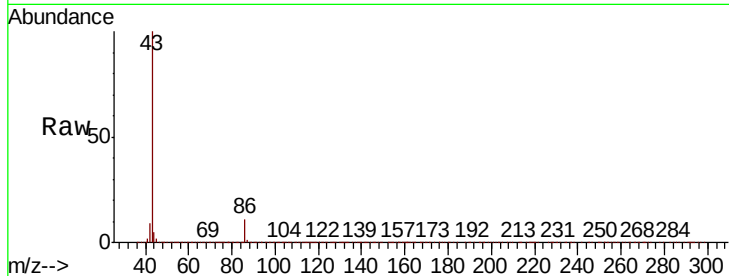
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.513 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

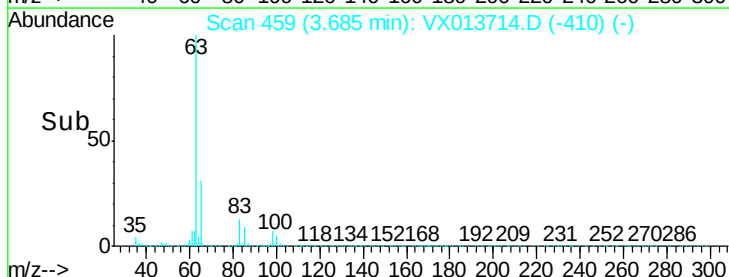
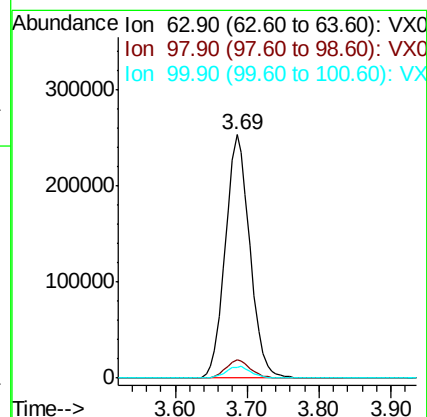
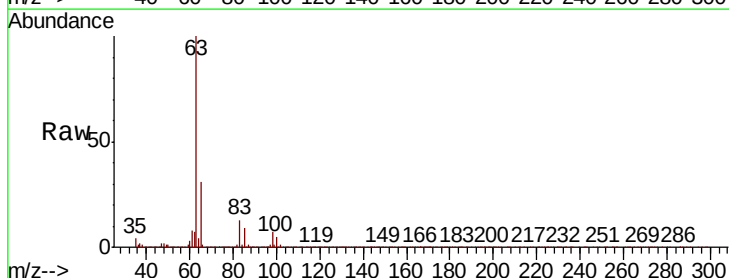
Tgt Ion: 63 Resp: 596588

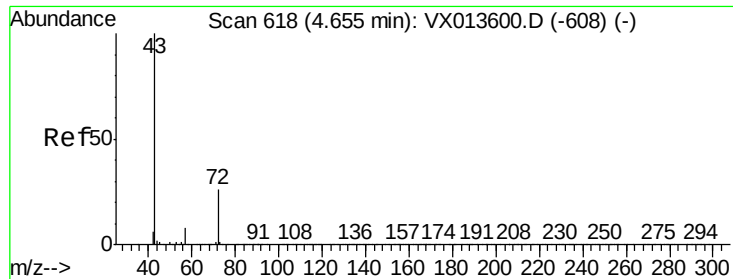
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.6 2.1 6.3





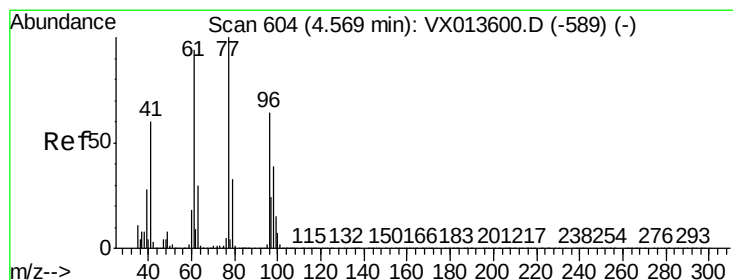
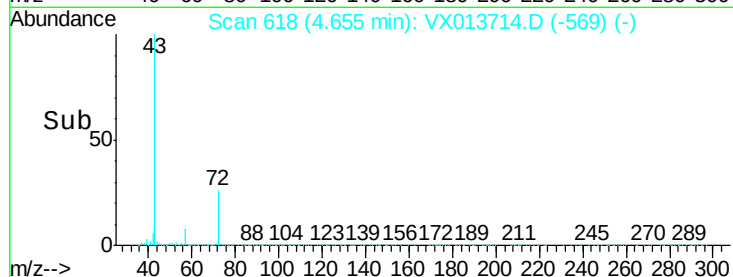
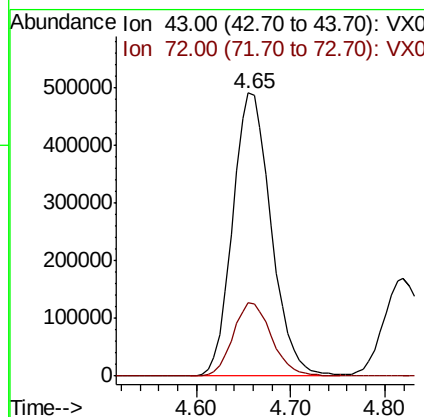
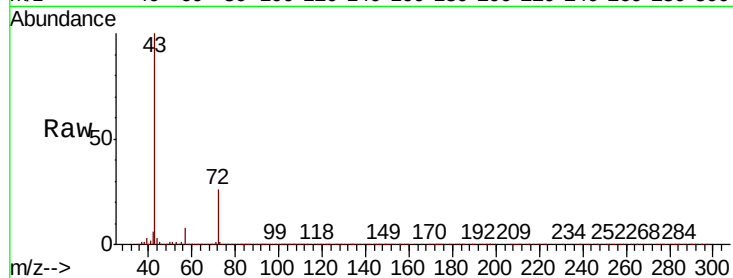
#25
2-Butanone
Concen: 246.198 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1389836
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0

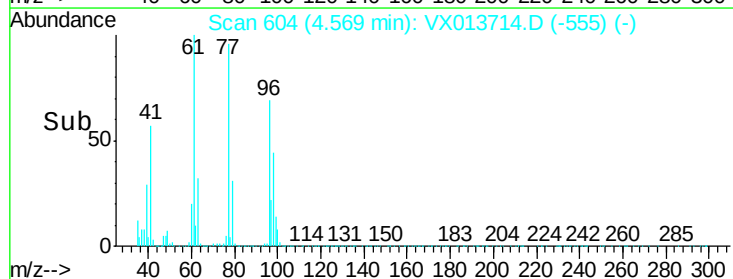
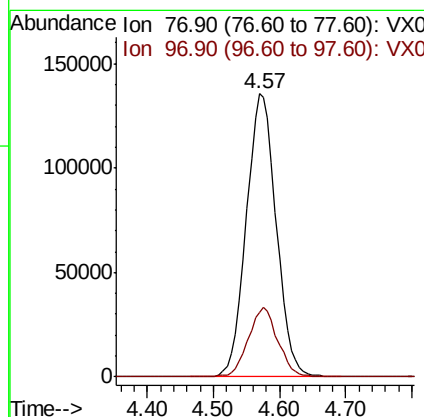
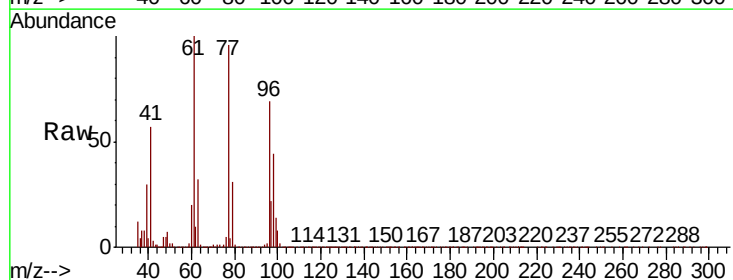
Manual Integrations
APPROVED

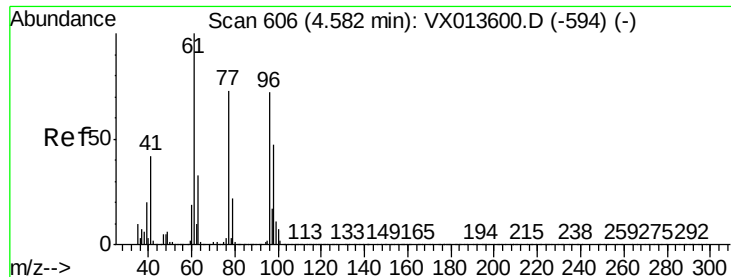
apatel
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#26
2,2-Dichloropropane
Concen: 42.613 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 77 Resp: 424820
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27

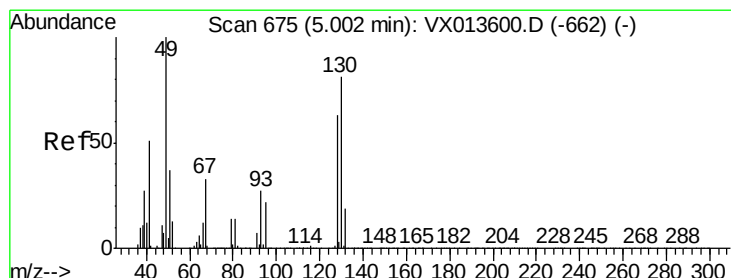
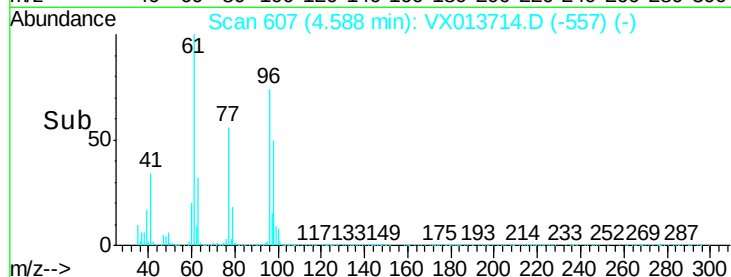
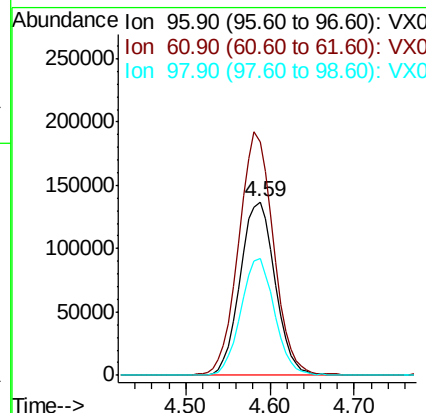
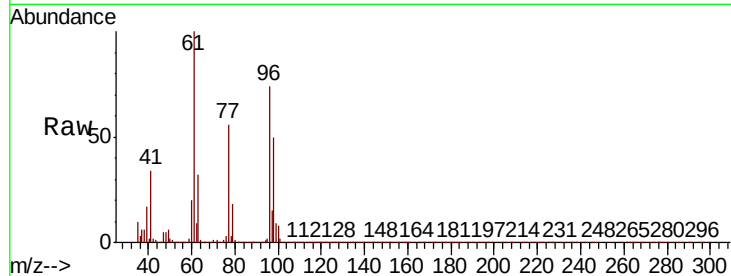
cis-1,2-Dichloroethene
Concen: 48.659 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.6	0.0	286.4	
98	64.8	0.0	127.4	

Manual Integrations
APPROVED

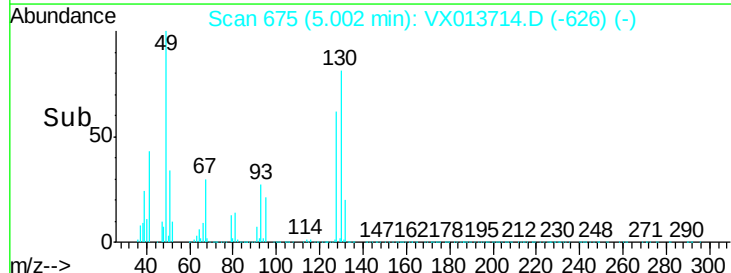
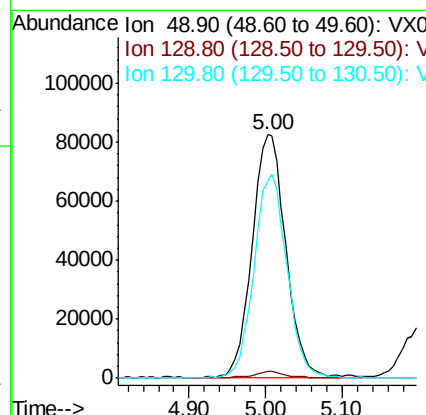
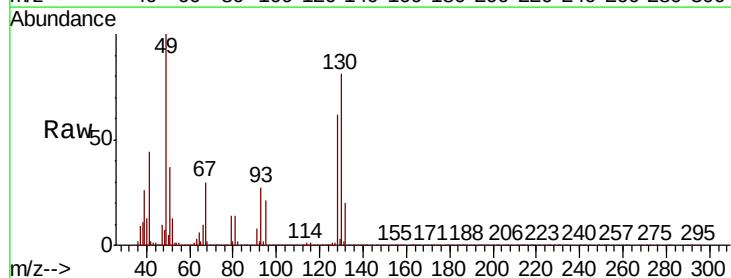
apatel
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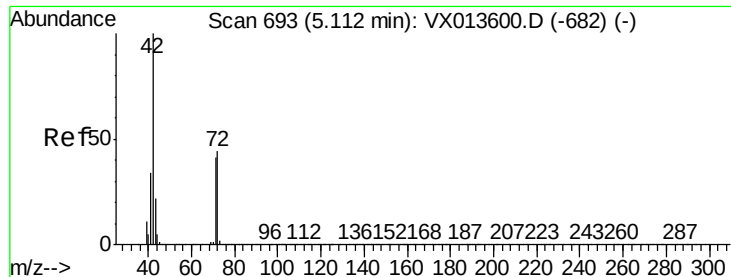


#28

Bromochloromethane
Concen: 53.458 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.0	
130	81.4	65.4	98.0	





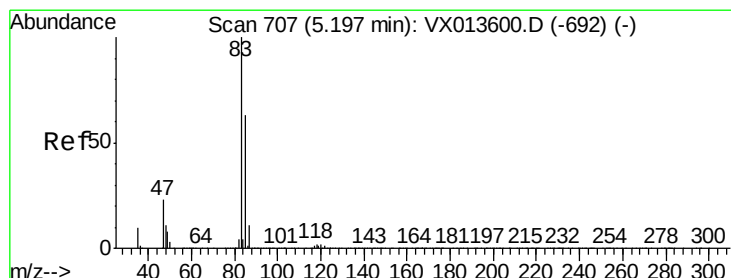
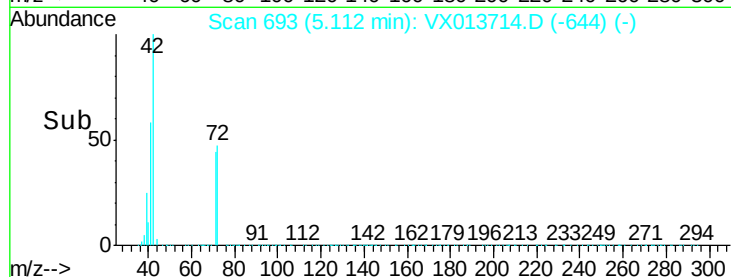
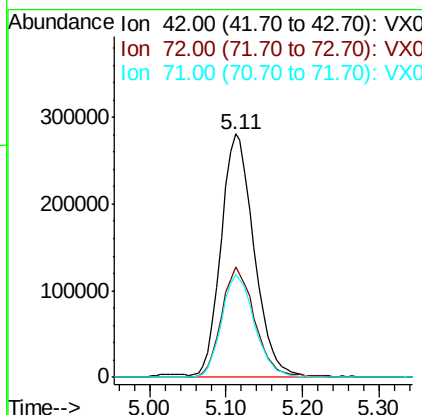
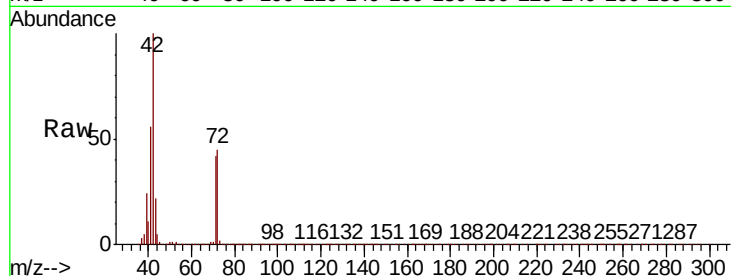
#29
Tetrahydrofuran
Concen: 239.611 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.3	54.5
71	42.6	33.2	49.8

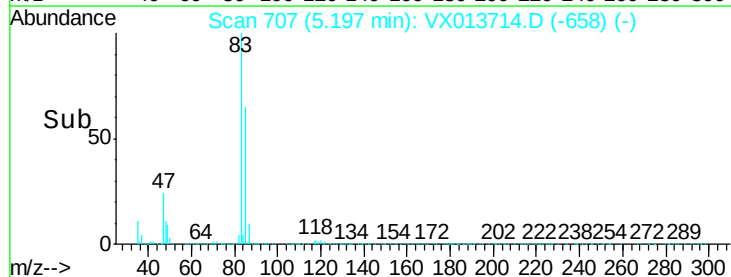
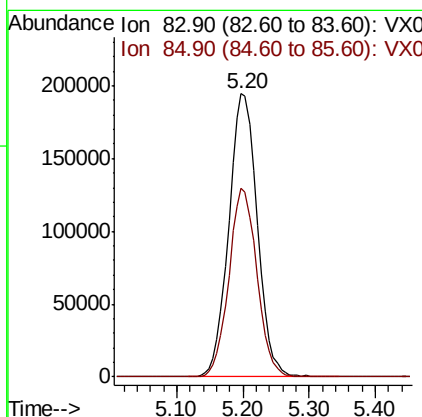
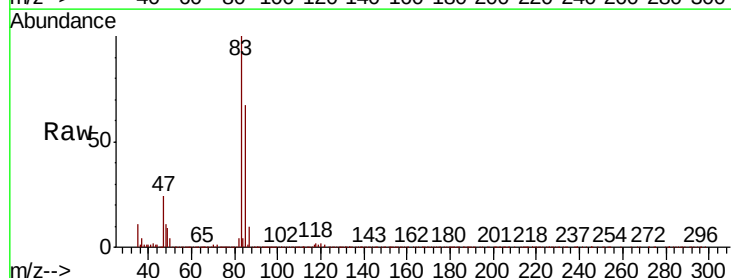
Manual Integrations
APPROVED

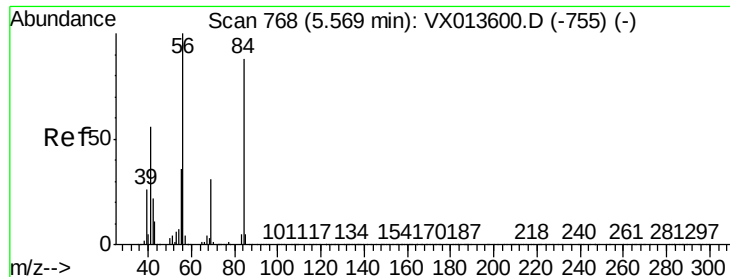
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#30
Chloroform
Concen: 47.615 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.2	75.4





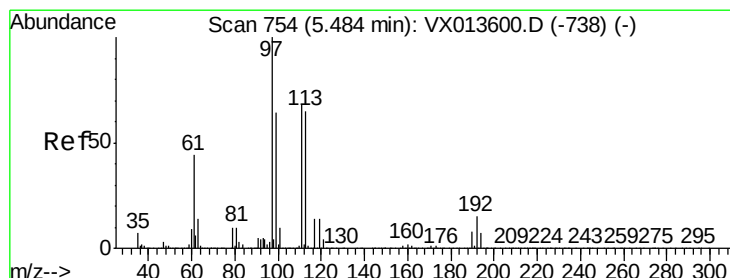
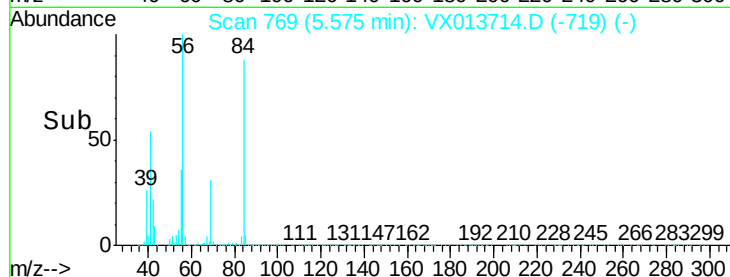
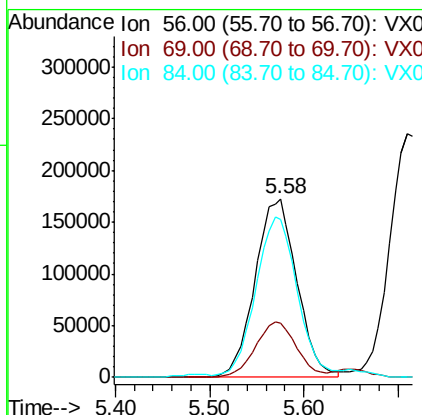
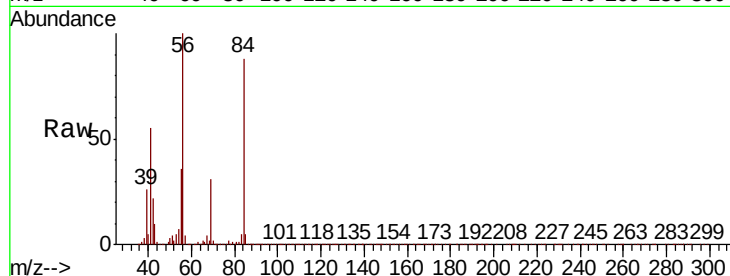
#31
Cyclohexane
Concen: 47.037 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	86.7	70.0	105.0

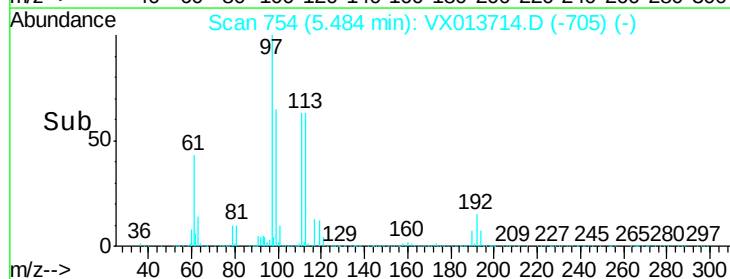
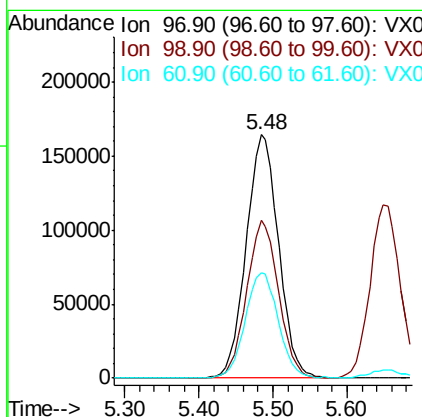
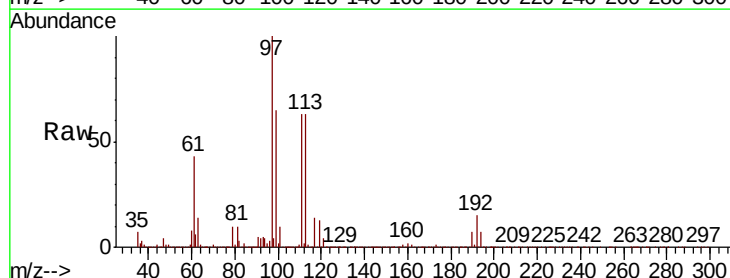
Manual Integrations
APPROVED

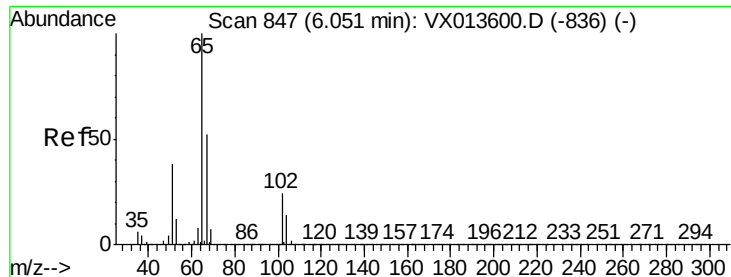
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#32
1,1,1-Trichloroethane
Concen: 48.996 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	43.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.777 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 359883

Ion Ratio Lower Upper

65 100

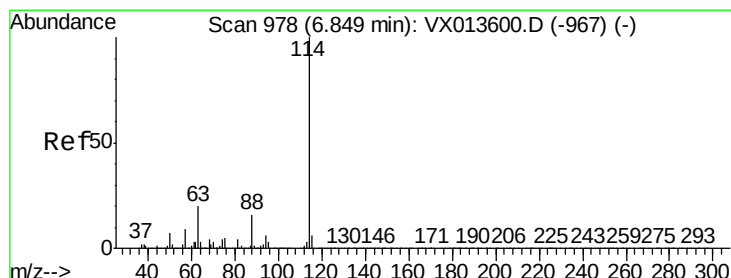
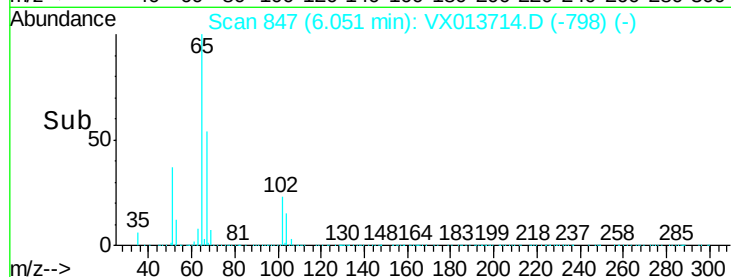
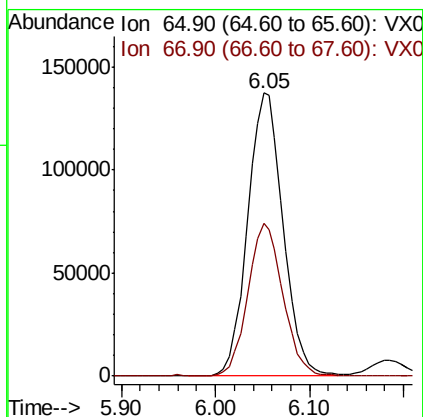
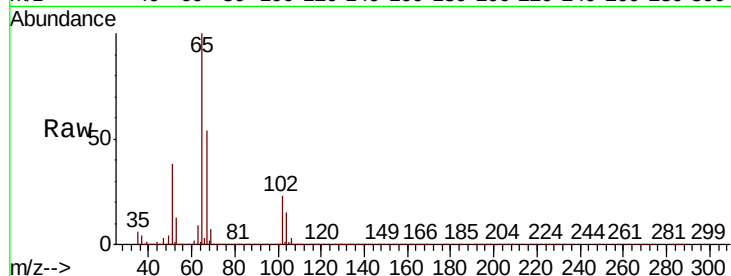
67 53.2 0.0 104.4

Manual Integrations

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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: VX013714.D

Acq: 29 Nov 2019 20:16

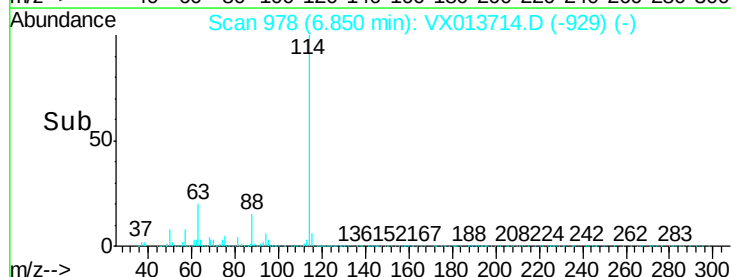
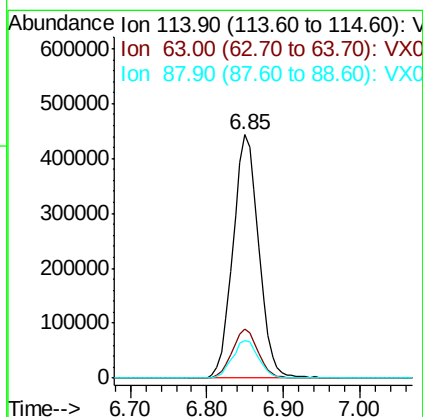
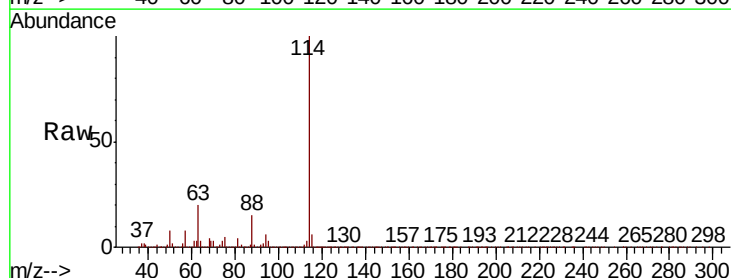
Tgt Ion: 114 Resp: 1033870

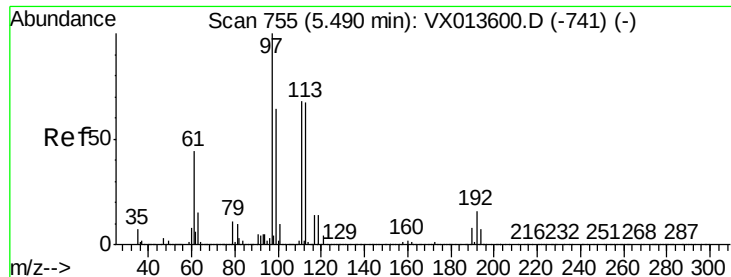
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.4 0.0 31.4





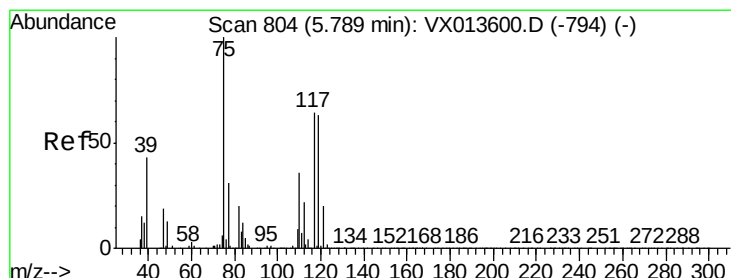
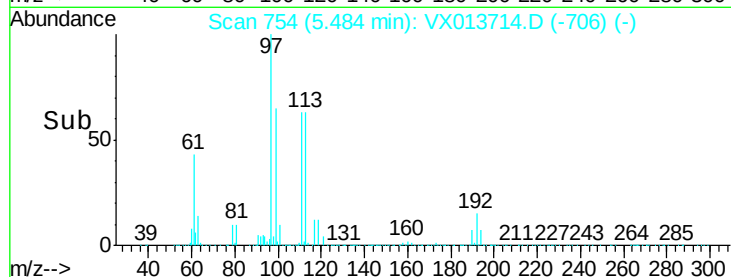
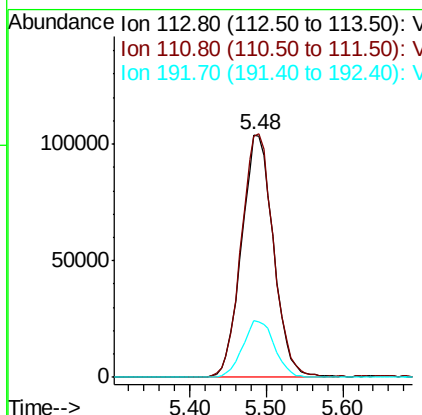
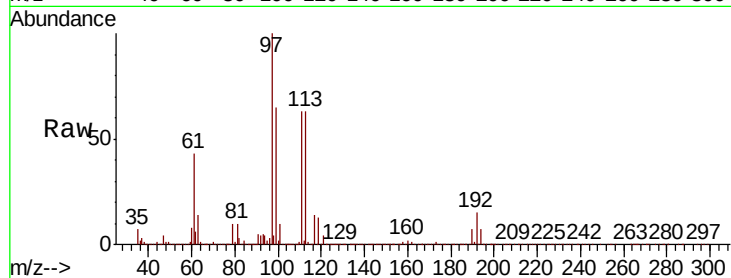
#35
Dibromofluoromethane
Concen: 47.107 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.6	125.4
192	23.5	19.2	28.8

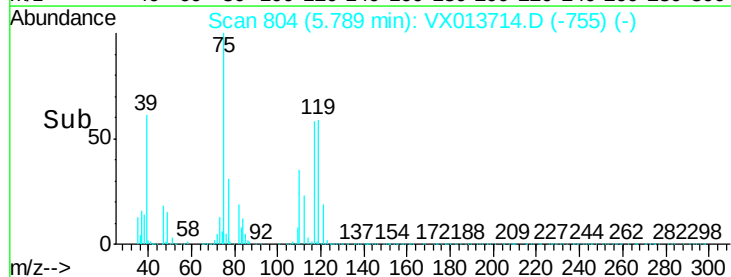
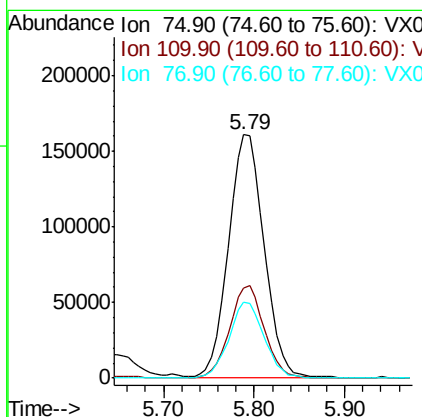
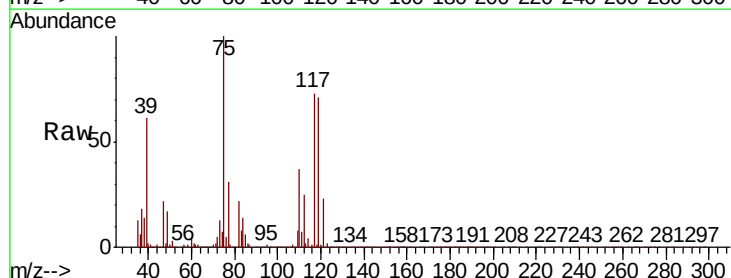
Manual Integrations
APPROVED

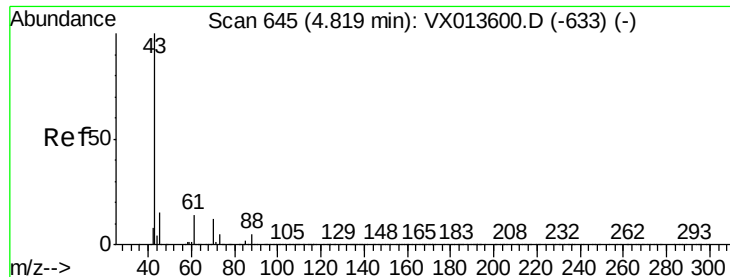
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#36
1,1-Dichloropropene
Concen: 46.780 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	30.4	24.5	36.7





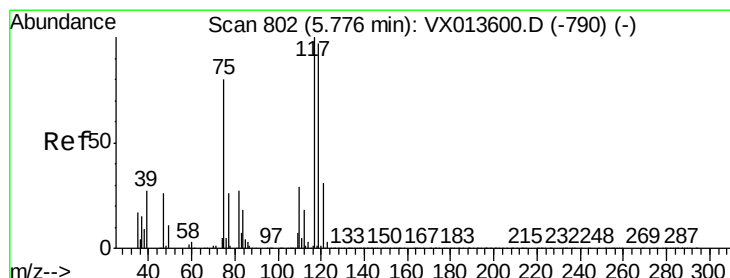
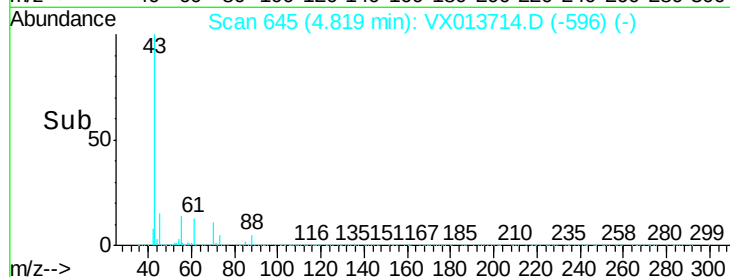
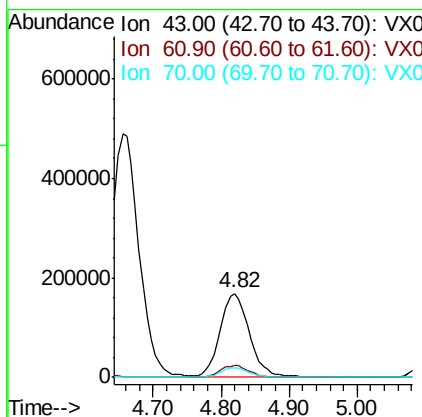
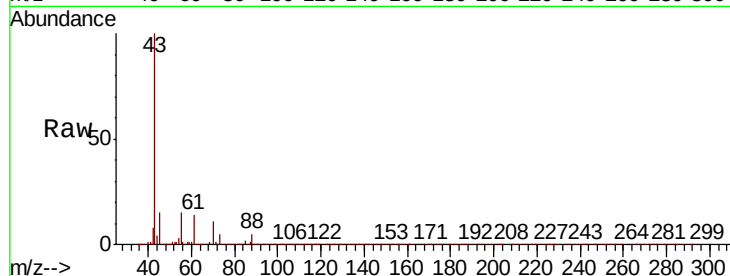
#37
Ethyl Acetate
Concen: 47.594 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:	43	Resp:	501092
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.7	8.6	12.8

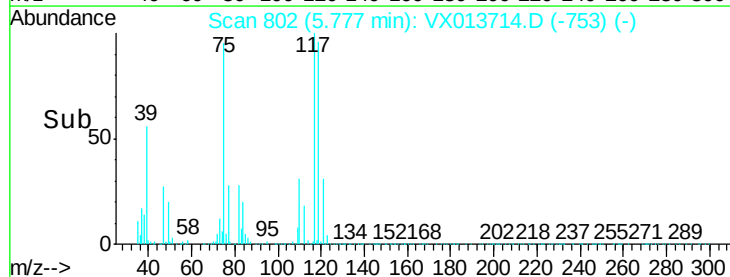
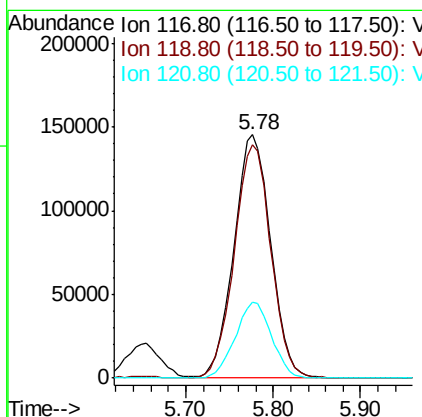
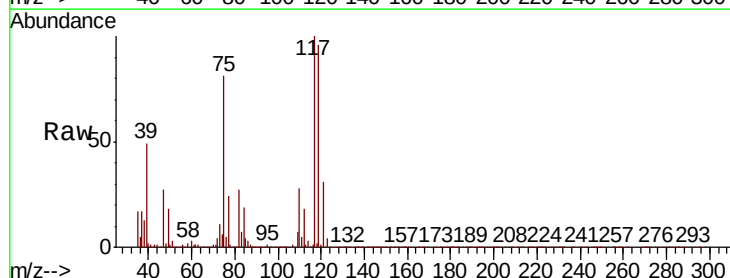
Manual Integrations
APPROVED

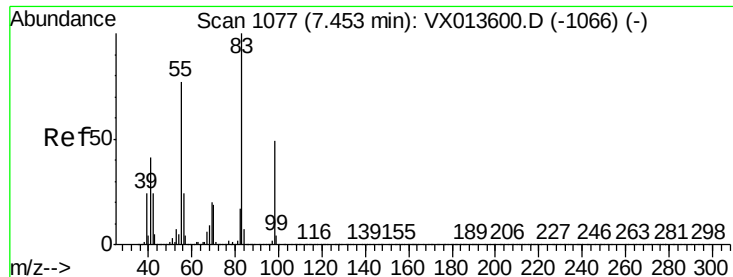
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#38
Carbon Tetrachloride
Concen: 48.881 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion:	117	Resp:	423002
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
121	31.0	25.0	37.6





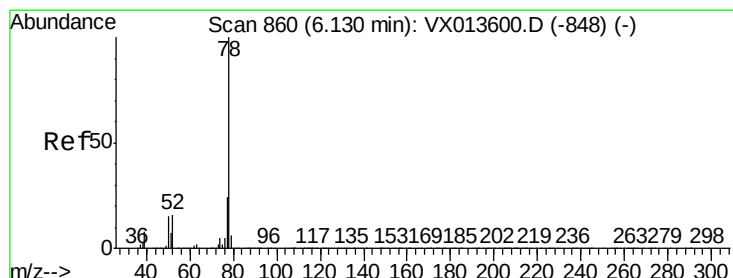
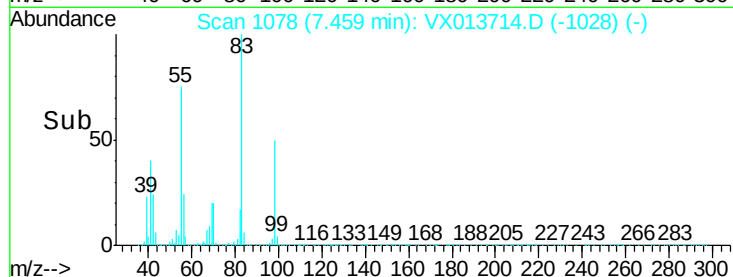
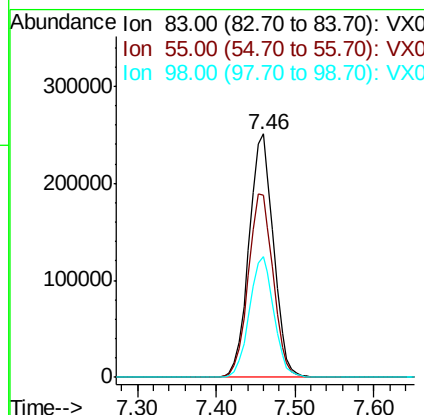
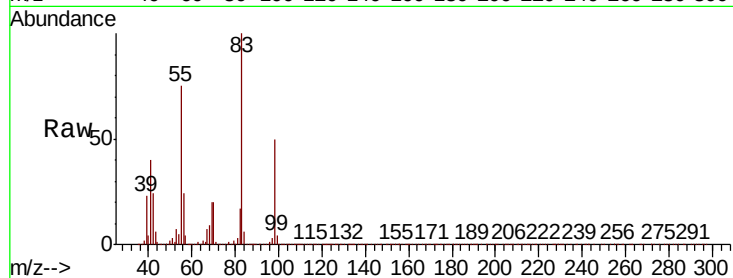
#39
Methylvlcyclohexane
Concen: 46.557 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.9	92.9
98	49.5	39.4	59.0

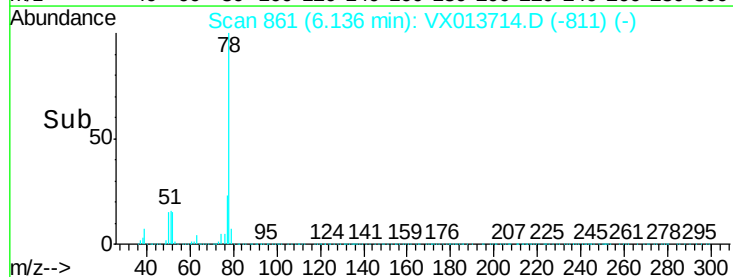
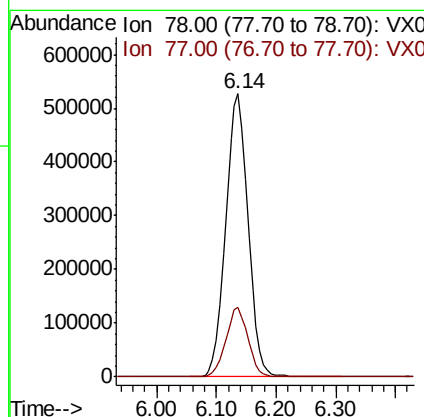
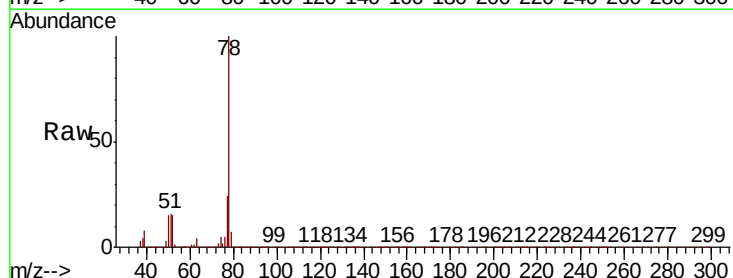
Manual Integrations
APPROVED

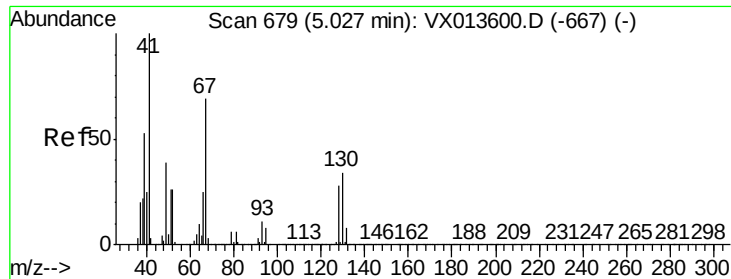
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#40
Benzene
Concen: 48.041 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





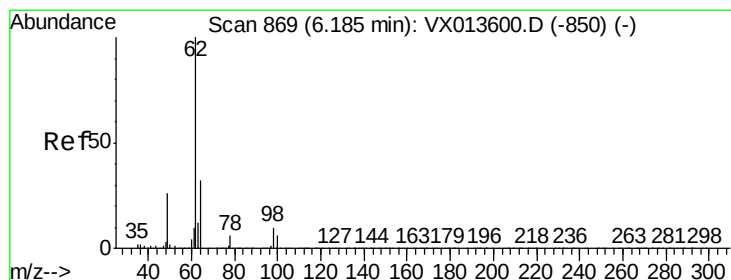
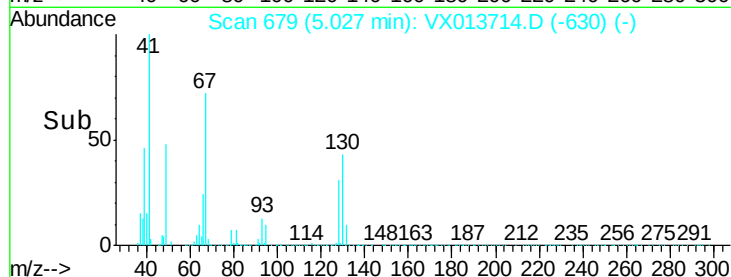
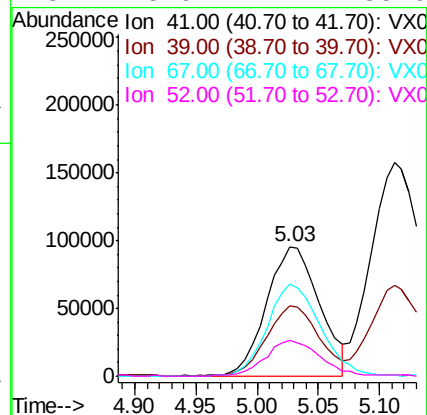
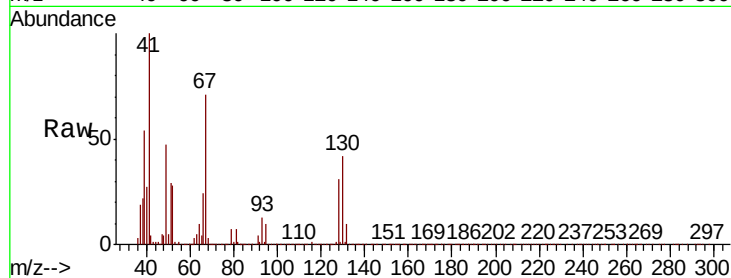
#41
Methacrylonitrile
Concen: 49.559 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.9	64.3
67	71.5	57.4	86.0
52	28.9	22.4	33.6

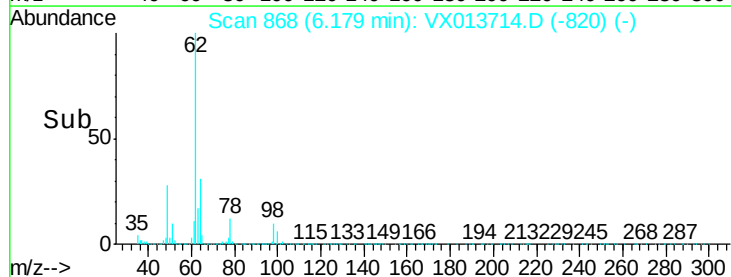
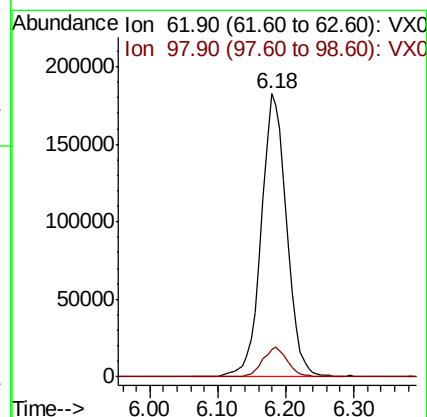
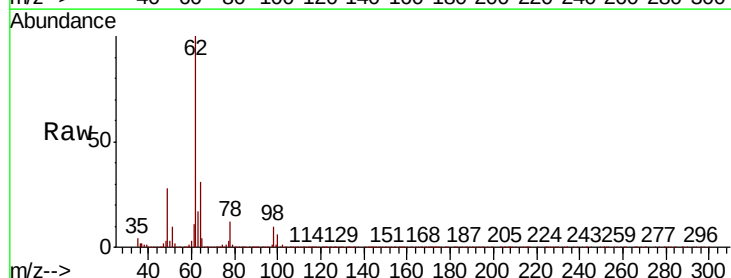
Manual Integrations
APPROVED

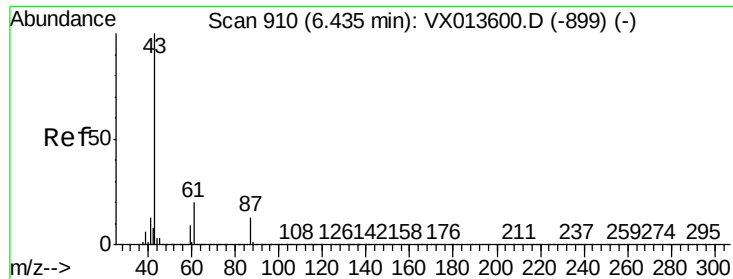
apatel
12/2/2019 12:48:25 PM



#42
1,2-Dichloroethane
Concen: 48.977 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





#43

Isopropyl Acetate

Concen: 47.774 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

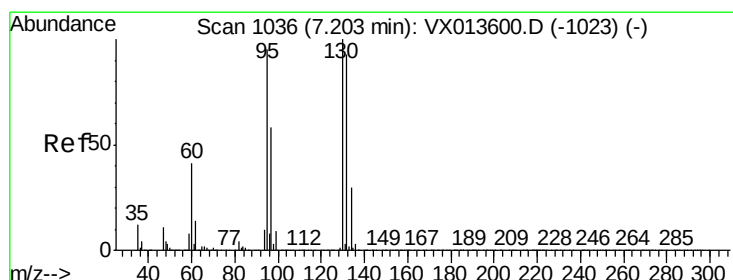
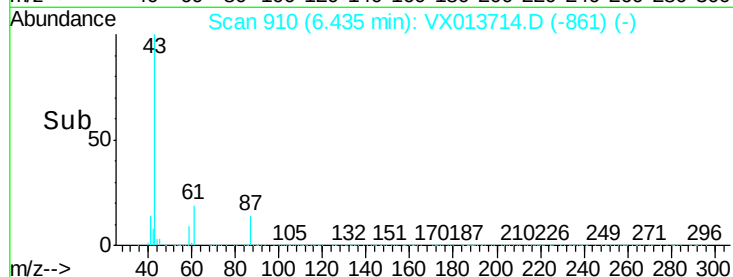
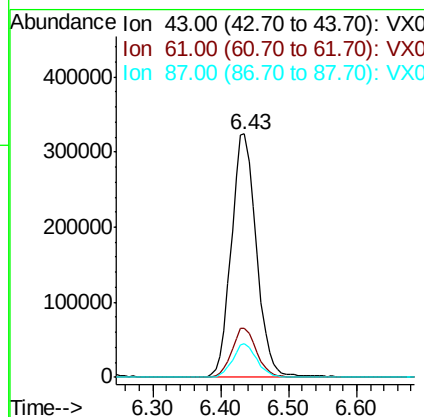
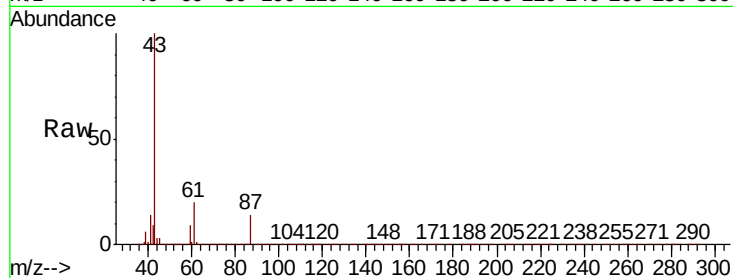
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	828077
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.3	24.5
87	13.5	10.8	16.2

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#44

Trichloroethene

Concen: 47.344 ug/l

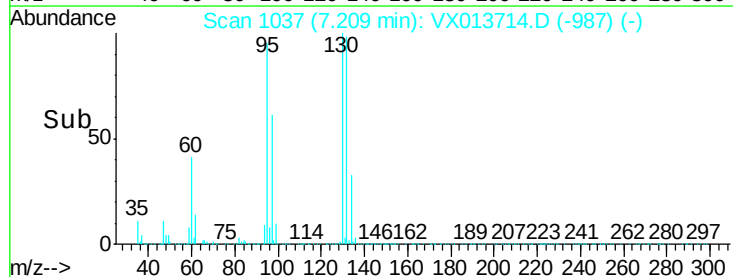
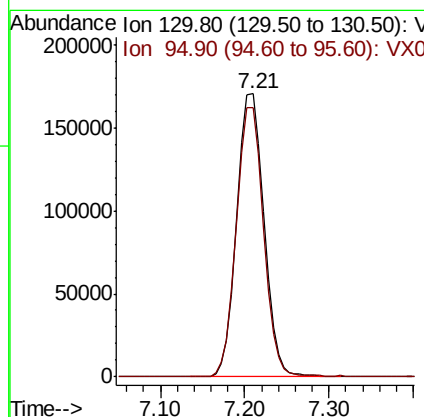
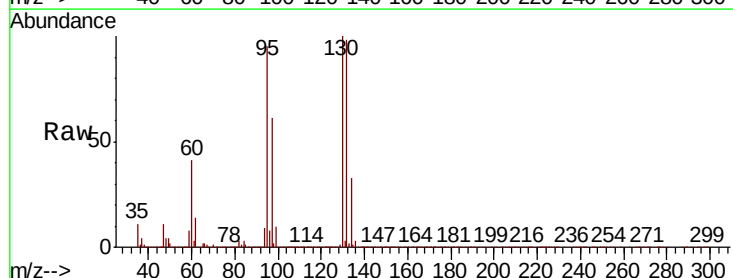
RT: 7.21 min Scan# 1037

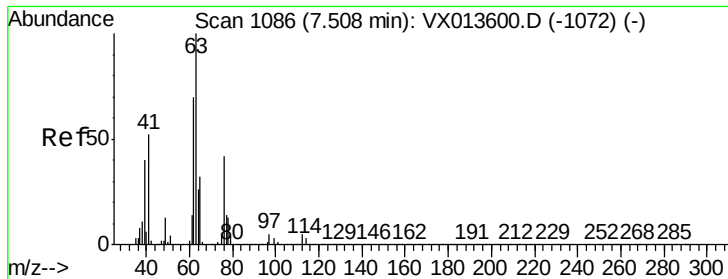
Delta R.T. 0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	130	Resp:	371400
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	190.8





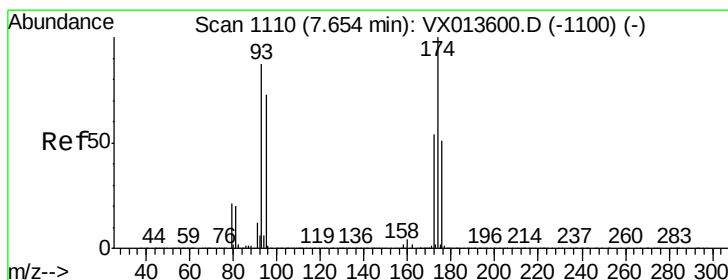
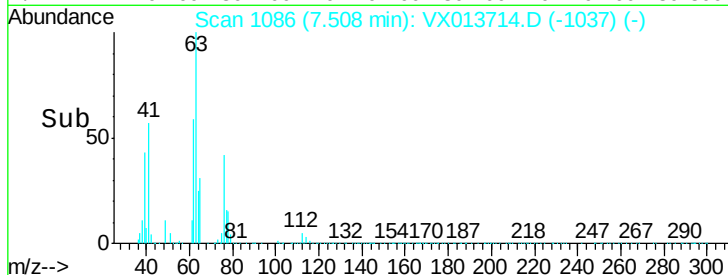
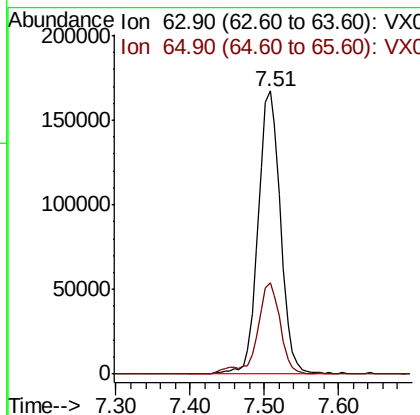
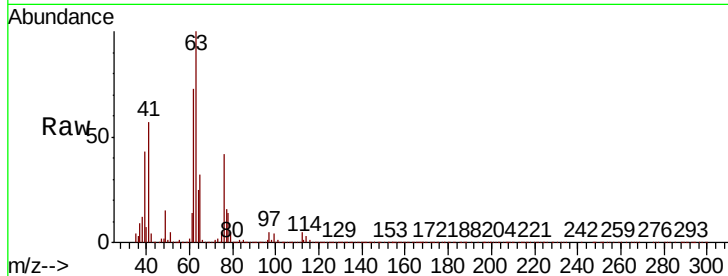
#45
 1,2-Dichloropropane
 Concen: 49.131 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3

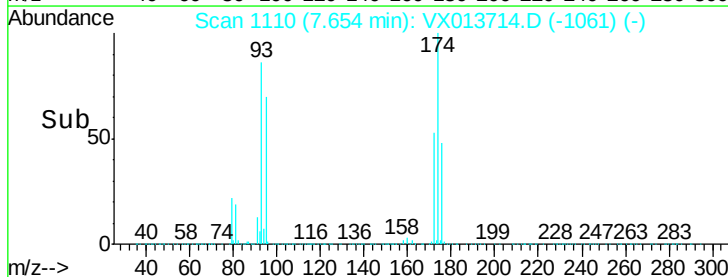
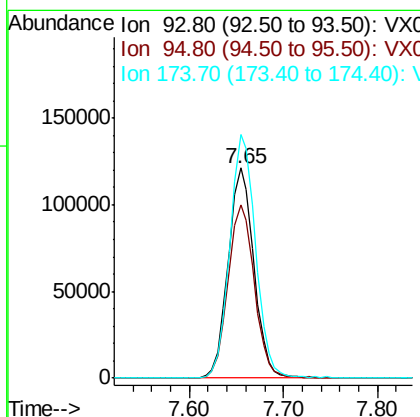
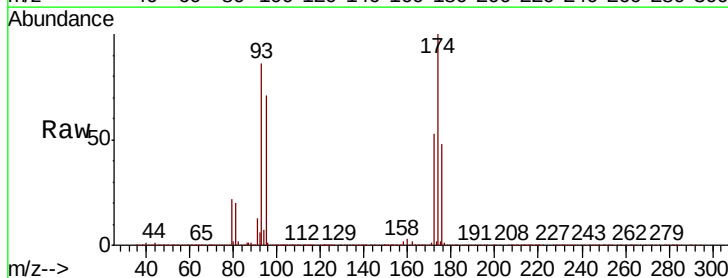
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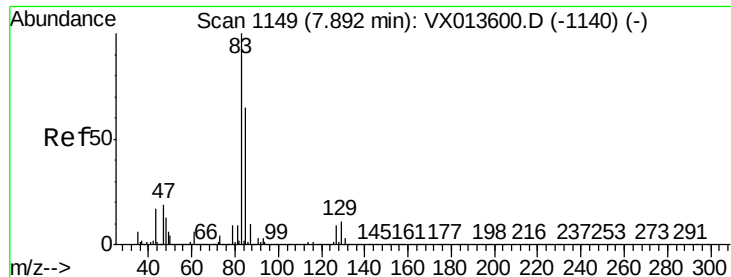
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#46
 Dibromomethane
 Concen: 47.068 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.2	99.2
174	117.0	93.4	140.0





#47

Bromodichloromethane

Concen: 49.499 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

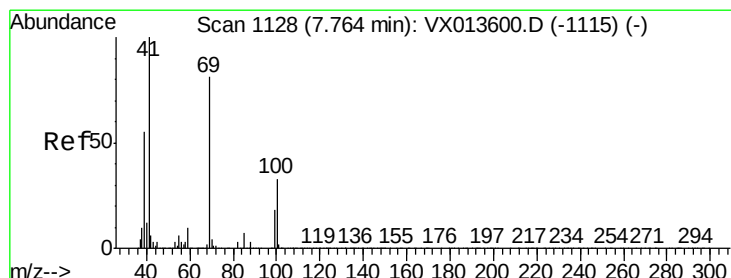
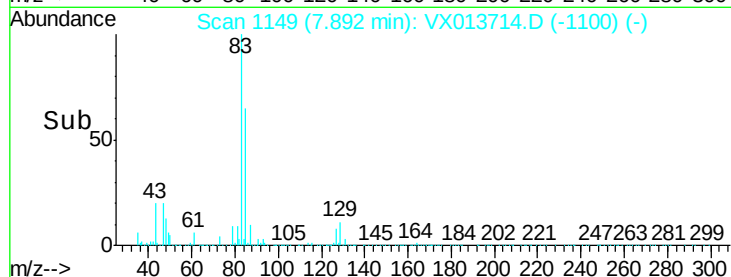
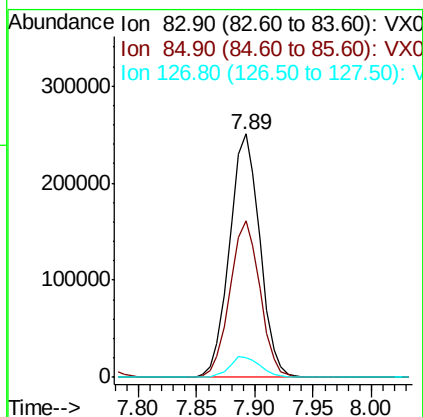
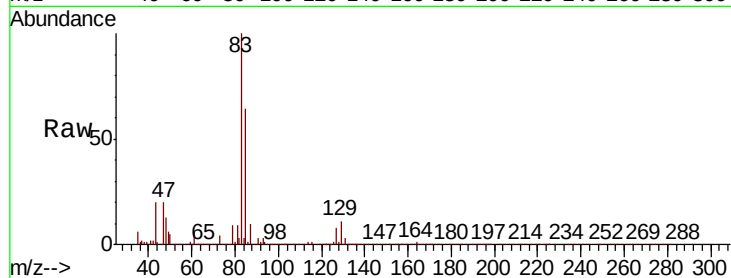
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	454514
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1
127	8.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.892 ug/l

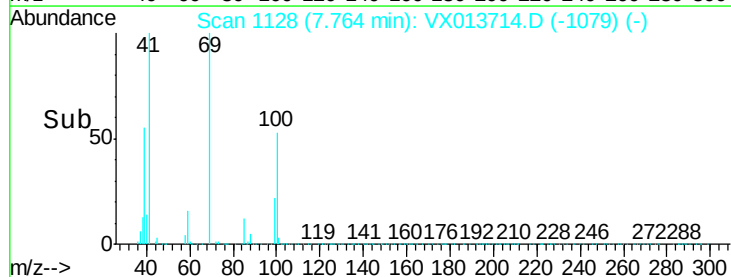
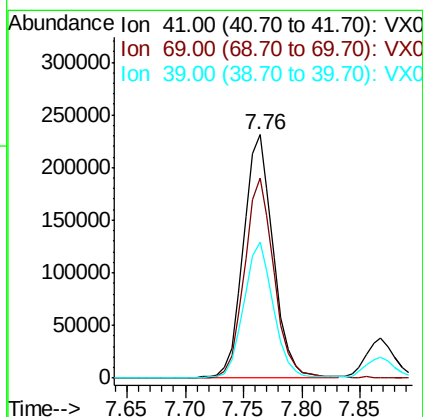
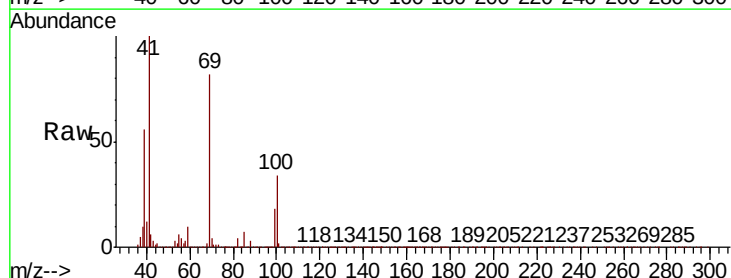
RT: 7.76 min Scan# 1128

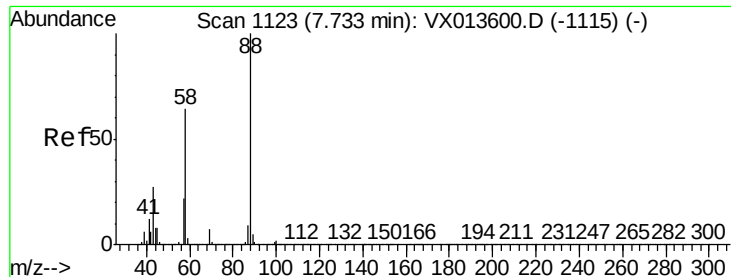
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	41	Resp:	411756
Ion	Ratio	Lower	Upper
41	100		
69	81.8	64.7	97.1
39	55.6	43.8	65.6





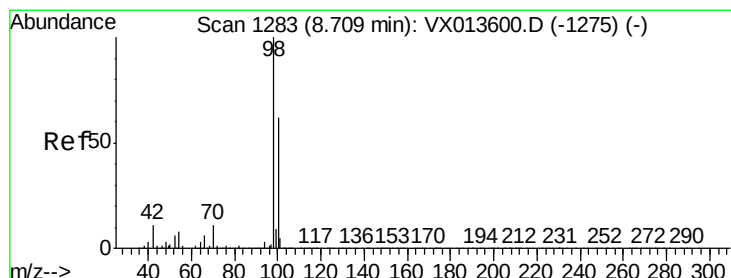
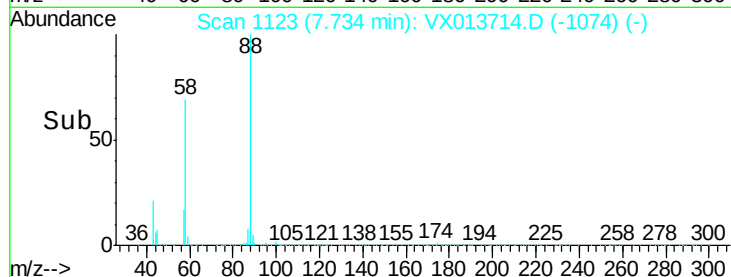
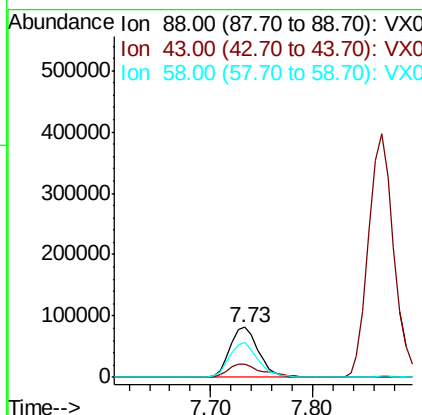
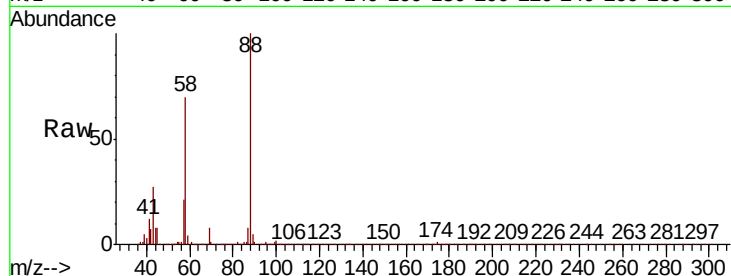
#49
1,4-Dioxane
Concen: 835.257 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.8	38.6
58	68.8	54.6	82.0

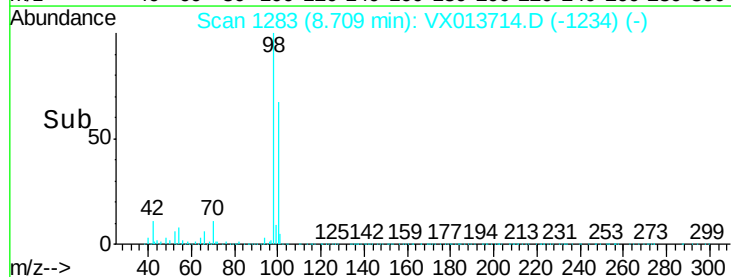
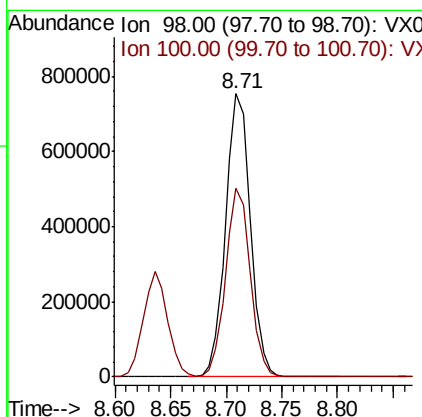
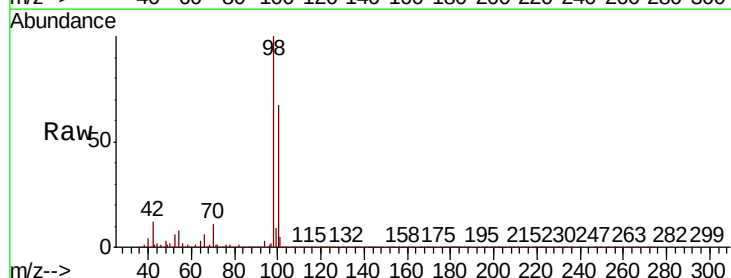
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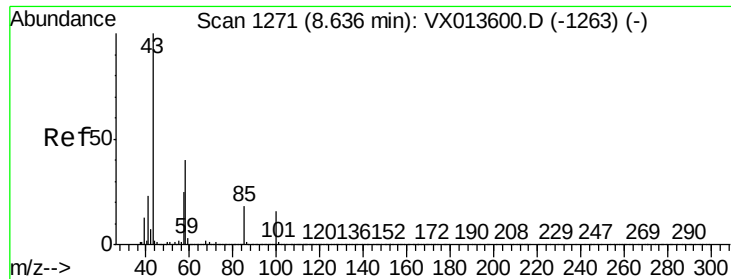
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#50
Toluene-d8
Concen: 46.654 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





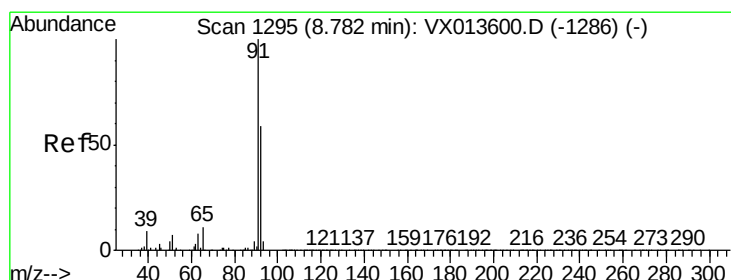
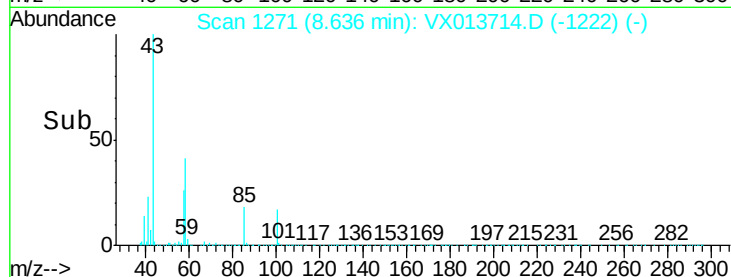
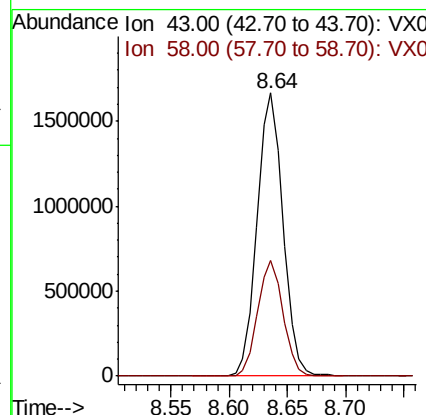
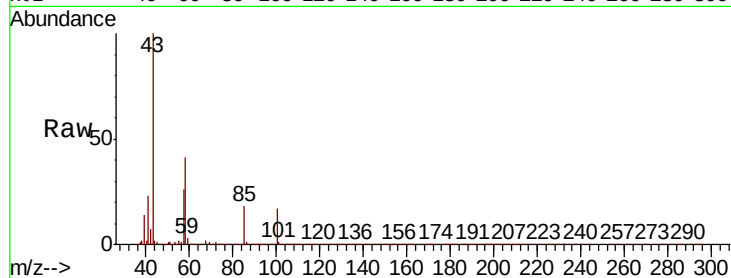
#51
4-Methyl-2-Pentanone
Concen: 237.733 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2591998
Ion Ratio Lower Upper
43 100
58 40.2 32.1 48.1

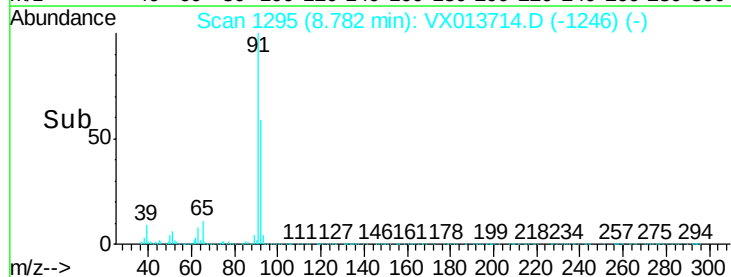
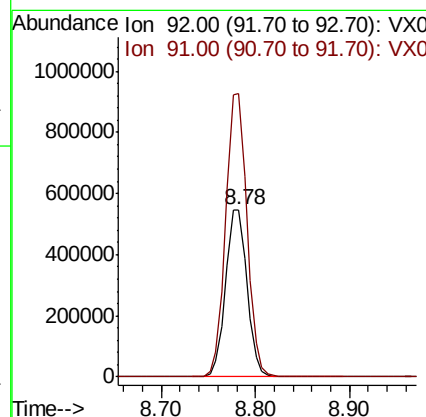
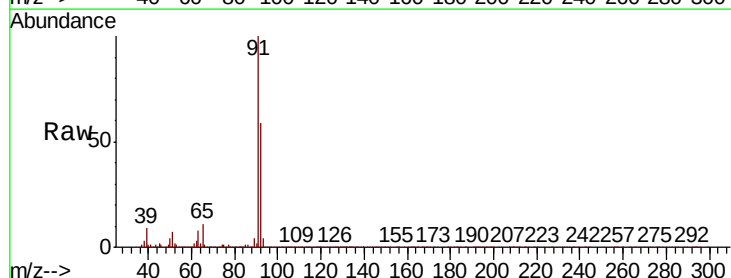
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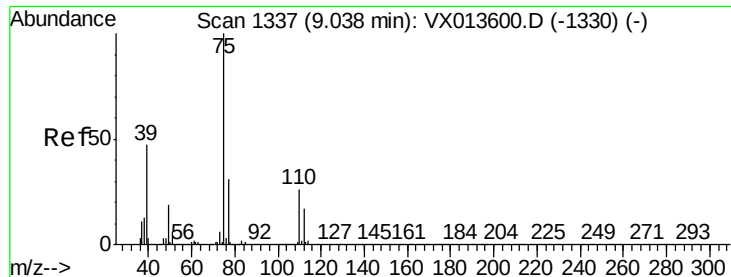
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#52
Toluene
Concen: 48.692 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 92 Resp: 864634
Ion Ratio Lower Upper
92 100
91 168.5 136.2 204.2





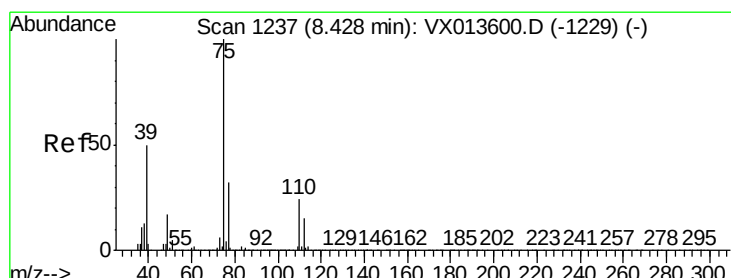
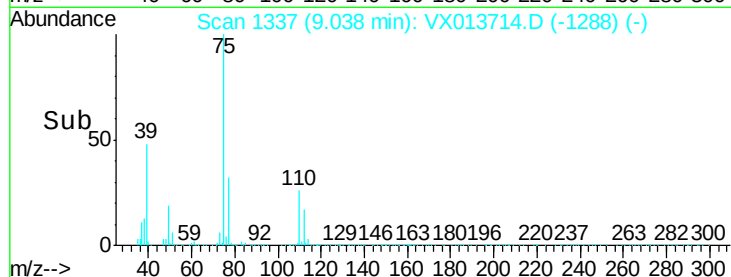
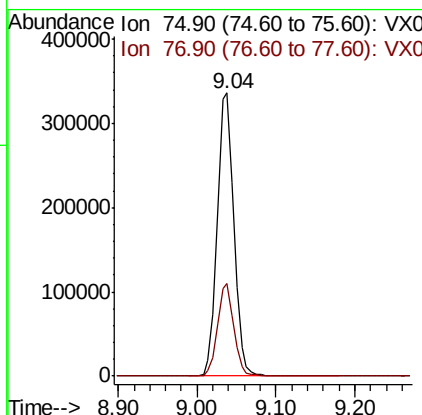
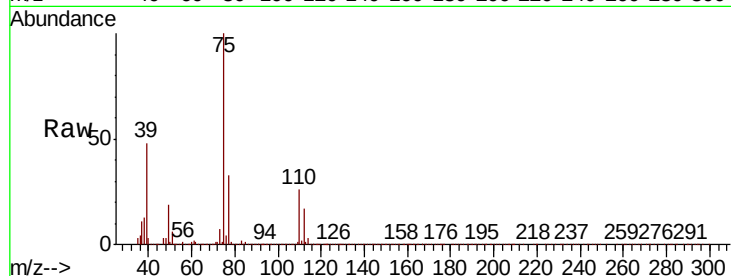
#53
t-1,3-Dichloropropene
Concen: 47.377 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.4	36.6

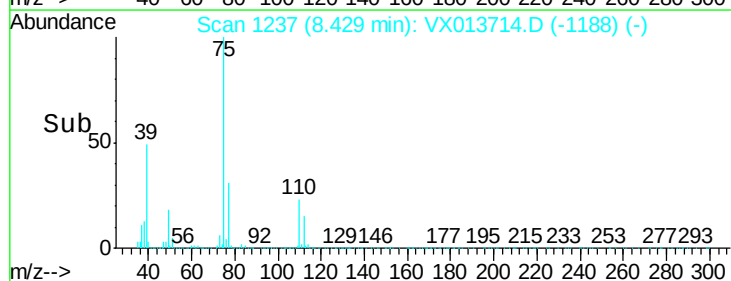
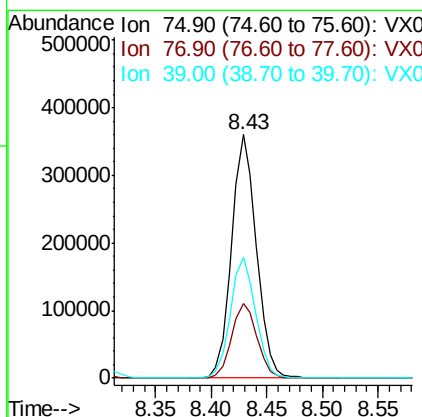
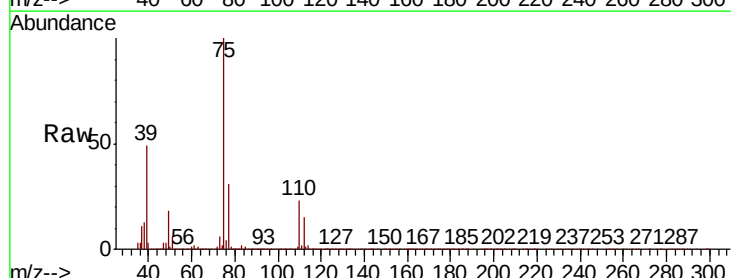
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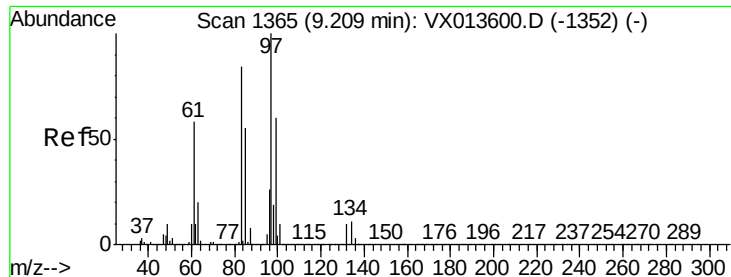
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#54
cis-1,3-Dichloropropene
Concen: 48.745 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.6
39	49.4	39.9	59.9





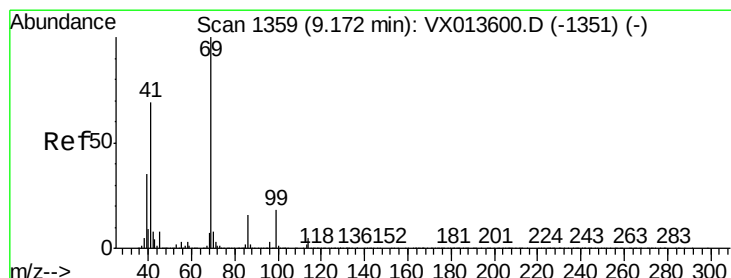
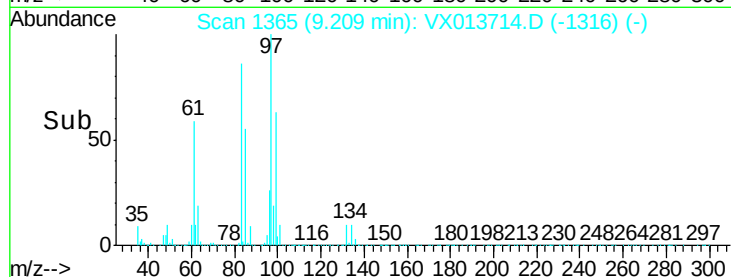
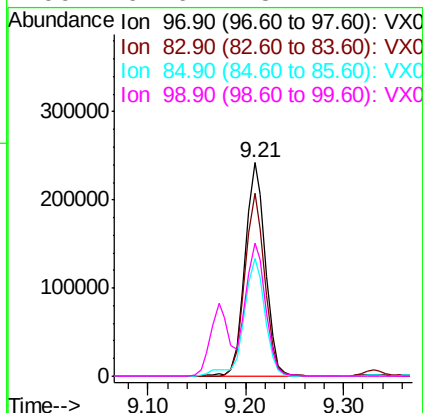
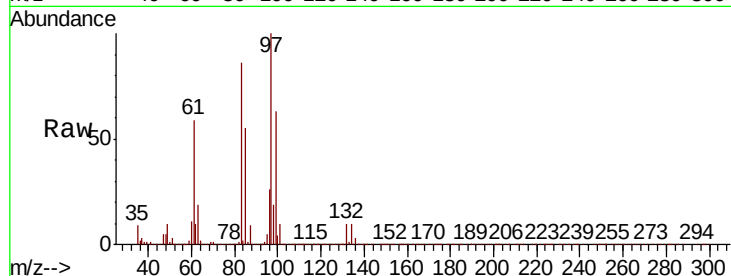
#55
 1,1,2-Trichloroethane
 Concen: 48.798 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	349189
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.3	100.9
85	55.3	43.6	65.4
99	62.6	48.2	72.4

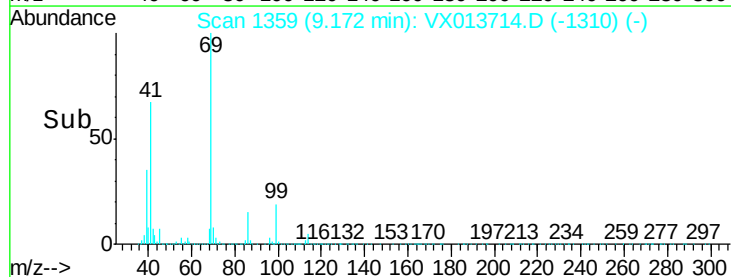
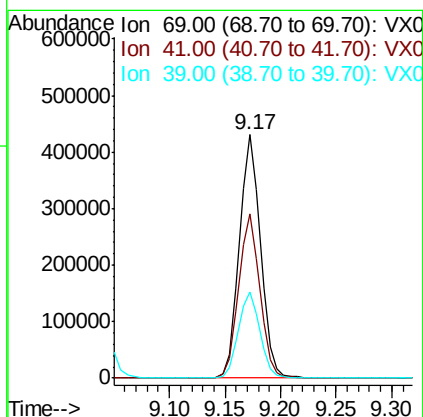
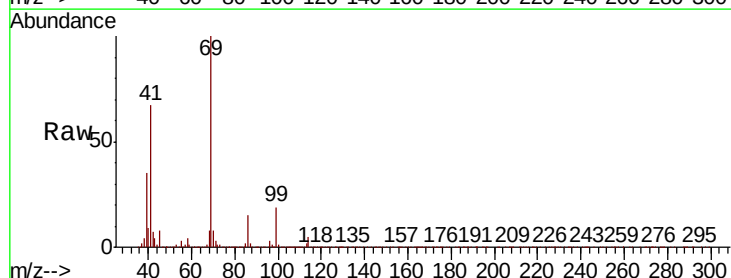
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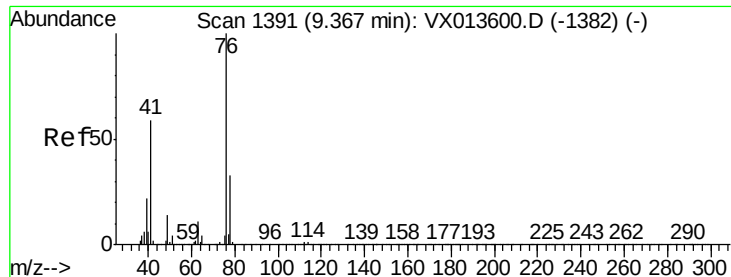
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#56
 Ethyl methacrylate
 Concen: 49.427 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion:	69	Resp:	568644
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.0	82.4
39	35.7	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.655 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 587794

Ion Ratio Lower Upper

76 100

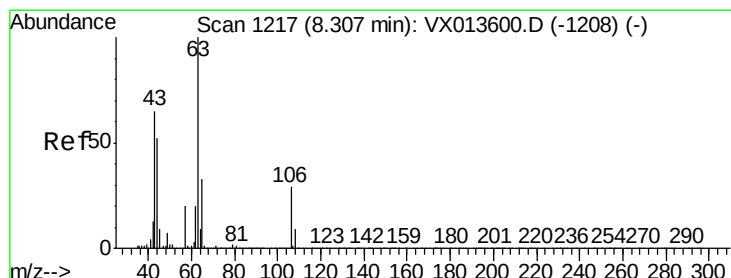
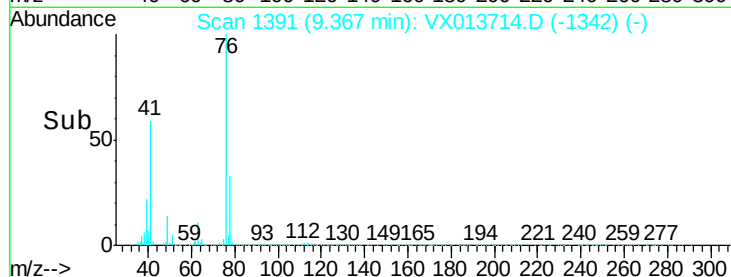
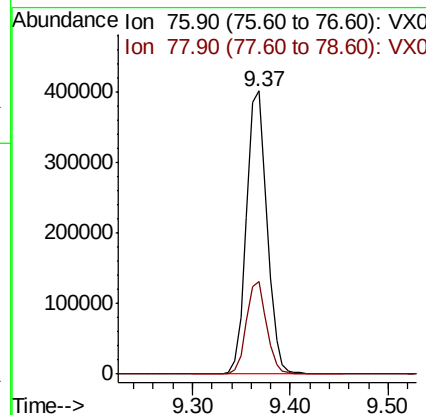
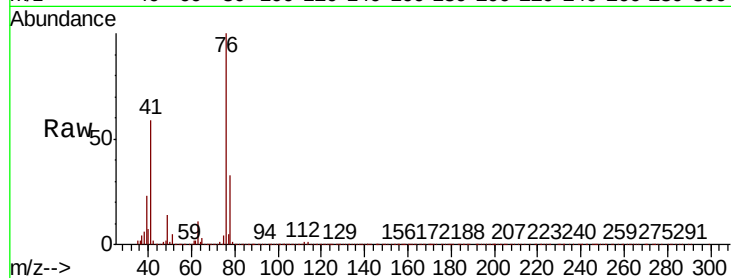
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 240.078 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013714.D

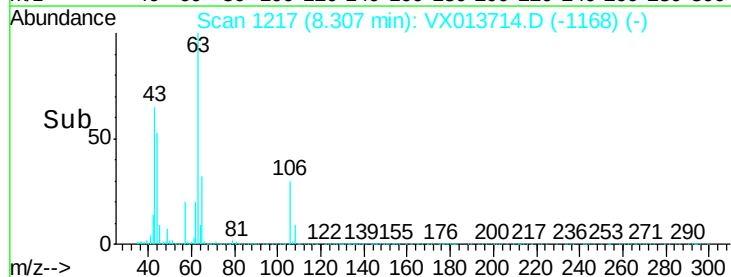
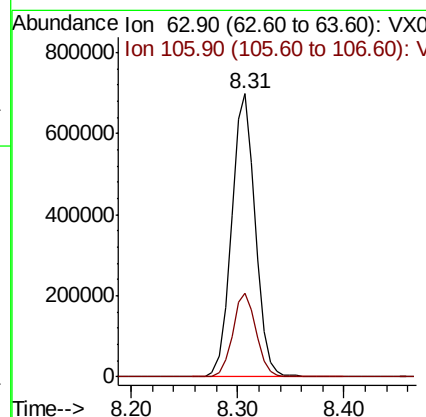
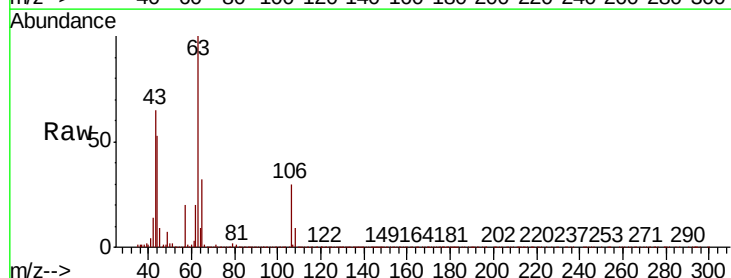
Acq: 29 Nov 2019 20:16

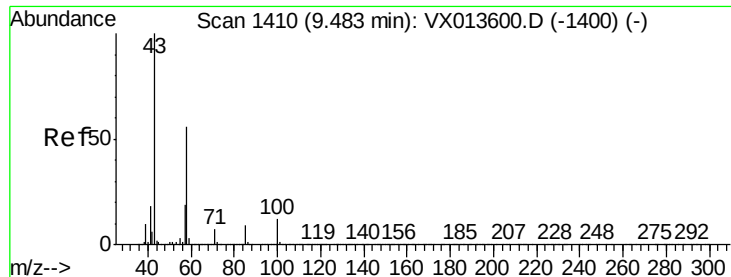
Tgt Ion: 63 Resp: 1082921

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





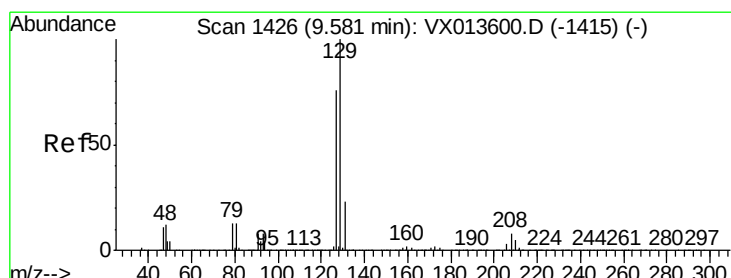
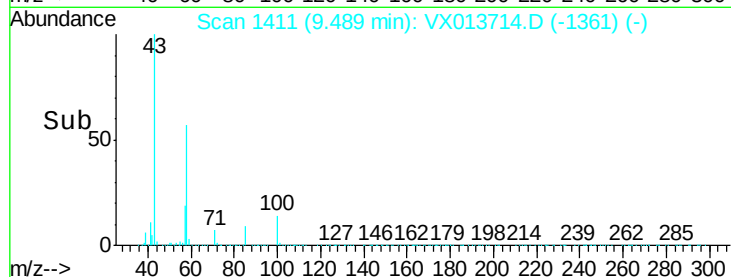
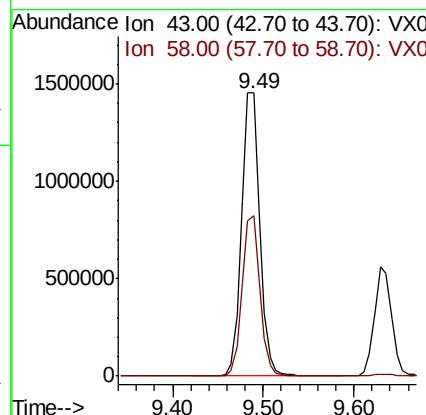
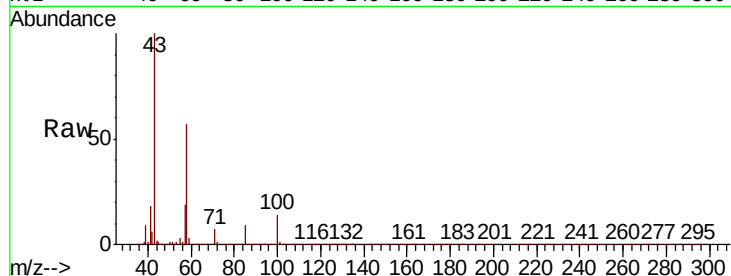
#59
2-Hexanone
Concen: 238.080 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2024517
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

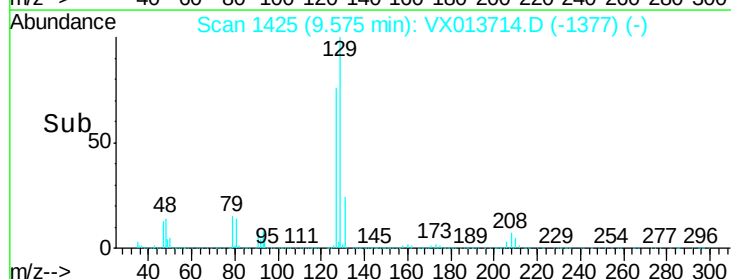
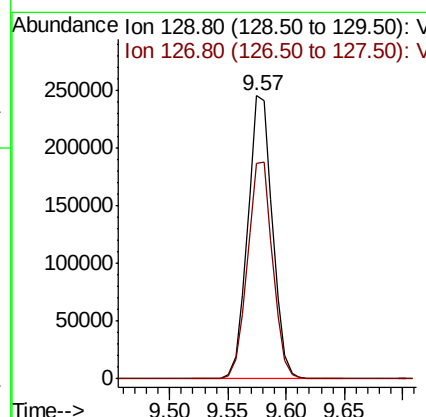
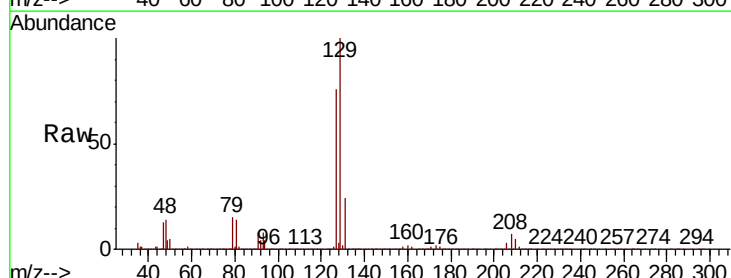
Manual Integrations
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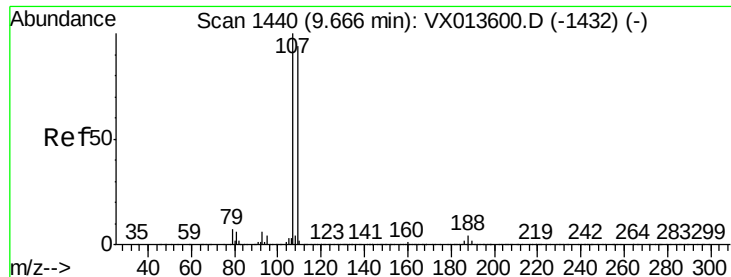
apatel
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#60
Dibromochloromethane
Concen: 49.062 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 129 Resp: 364343
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.134 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 367877

Ion Ratio Lower Upper

107 100

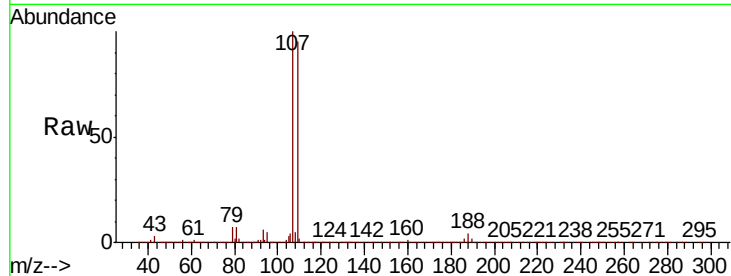
109 94.4 76.1 114.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

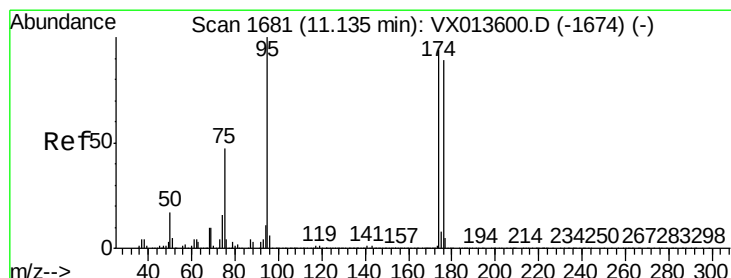
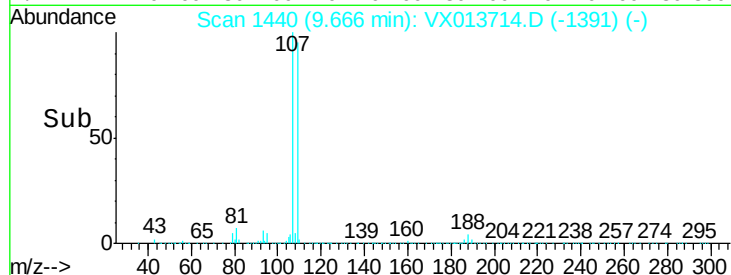
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.030 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

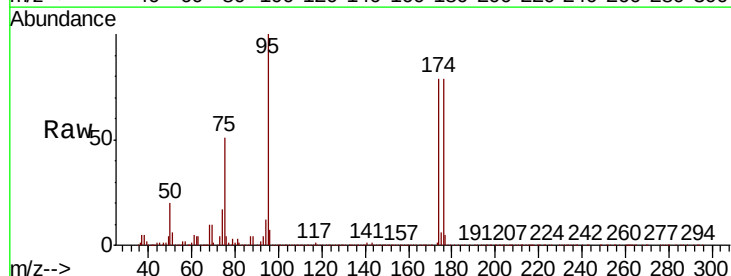
Tgt Ion: 95 Resp: 413334

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

176 87.7 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

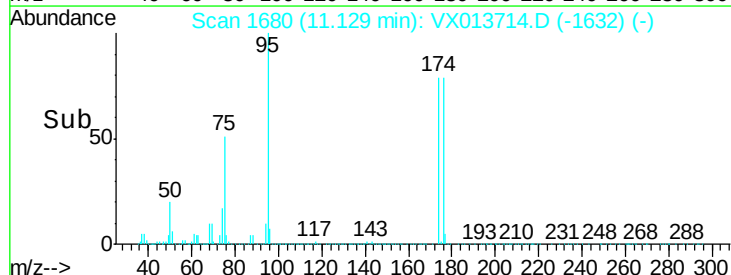
300000

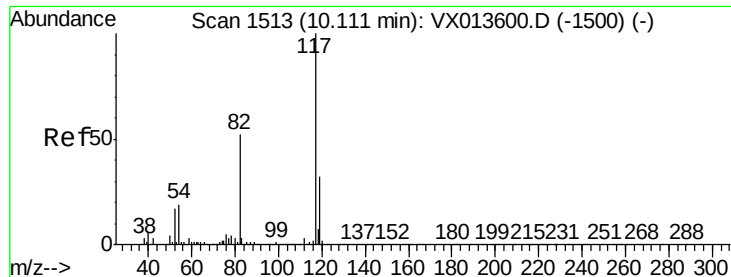
200000

100000

0

Time-->





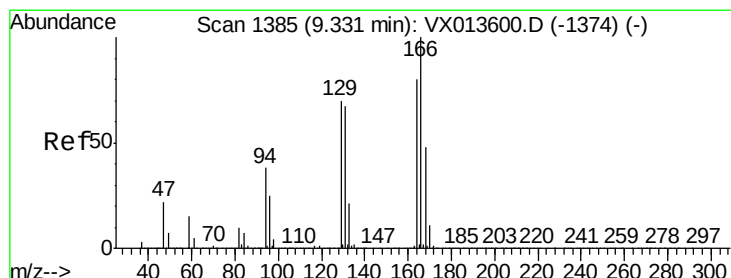
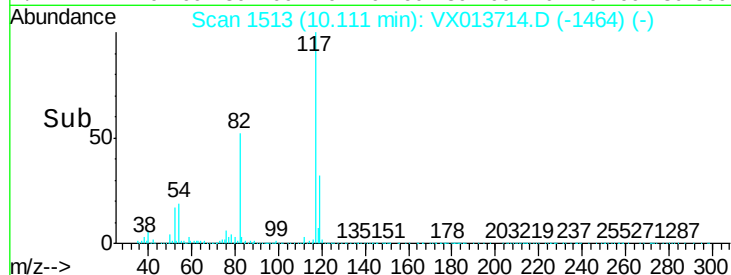
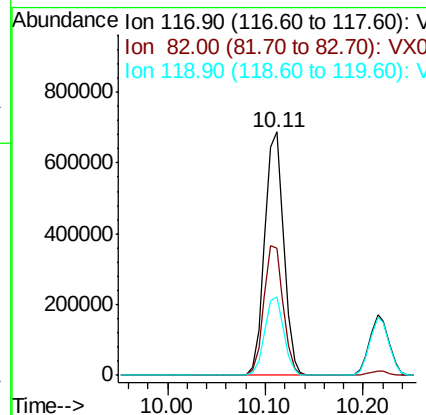
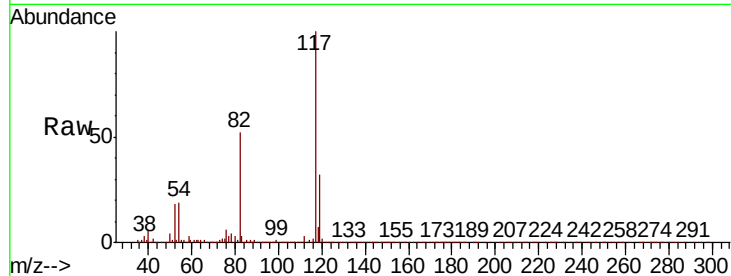
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	32.3	25.8	38.8

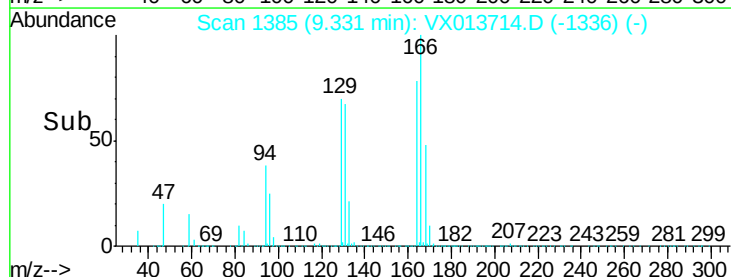
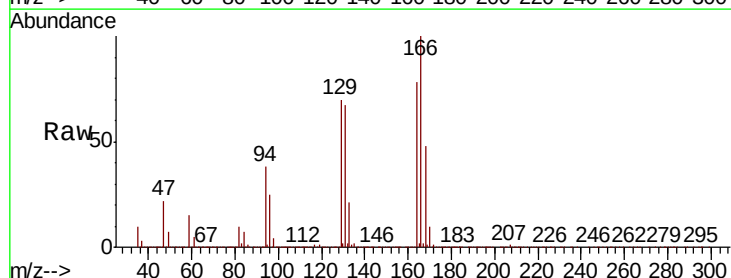
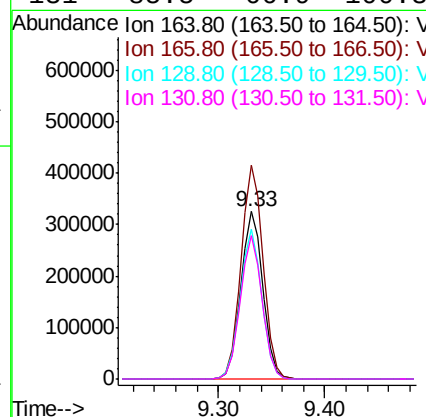
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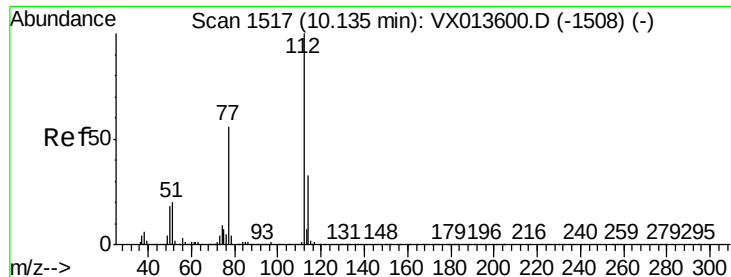
apatel
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#64
Tetrachloroethene
Concen: 68.155 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	99.7	149.5
129	89.0	70.1	105.1
131	85.5	66.9	100.3





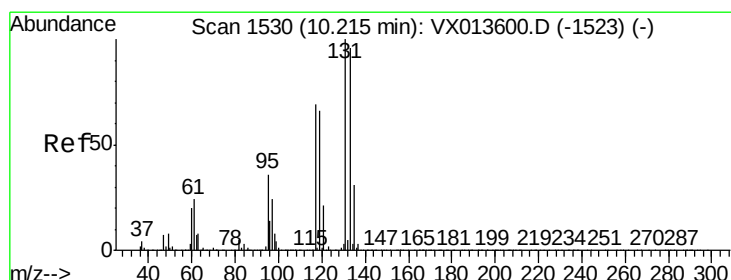
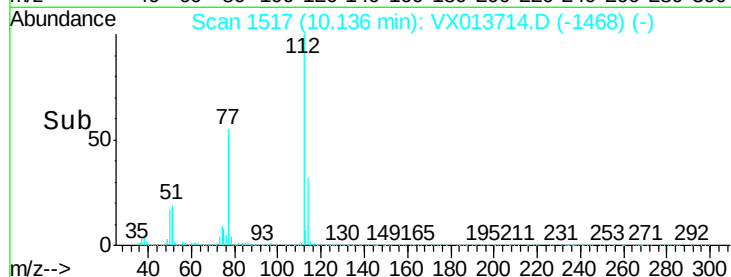
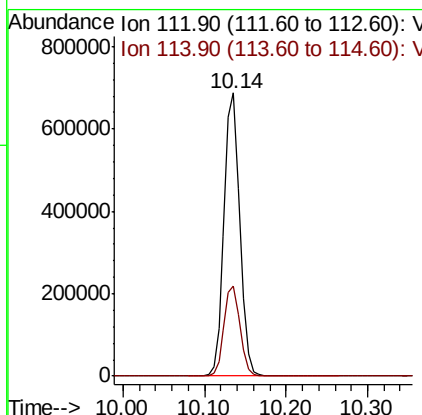
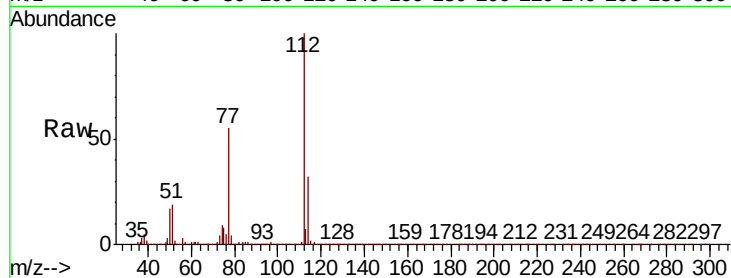
#65
Chlorobenzene
Concen: 47.721 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.1	39.1

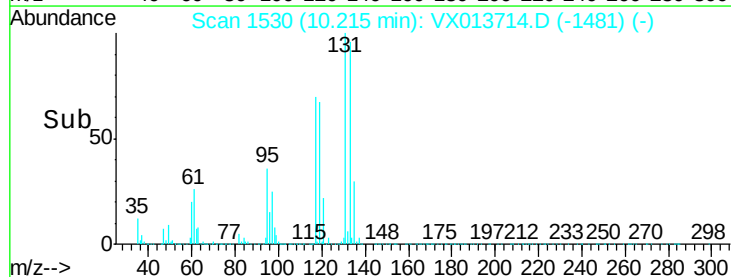
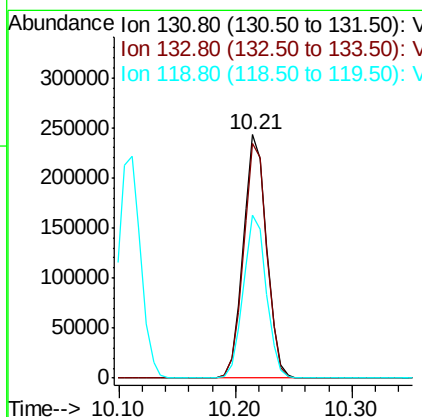
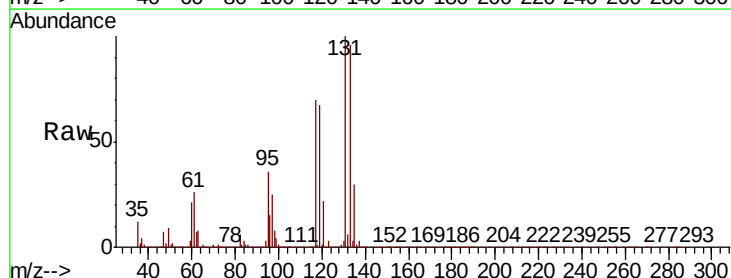
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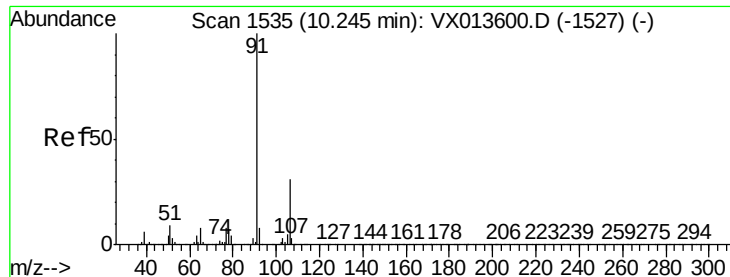
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.919 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.7	143.1
119	66.4	32.9	98.6





#67

Ethyl Benzene

Concen: 49.214 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1633708

Ion Ratio Lower Upper

91 100

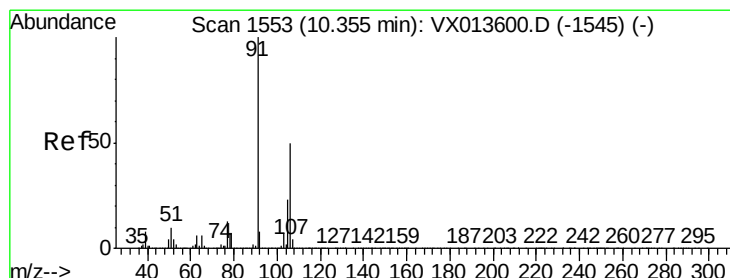
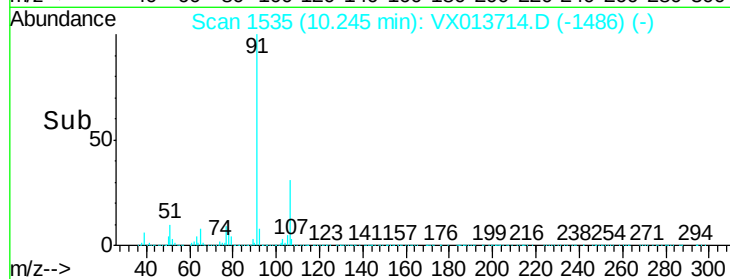
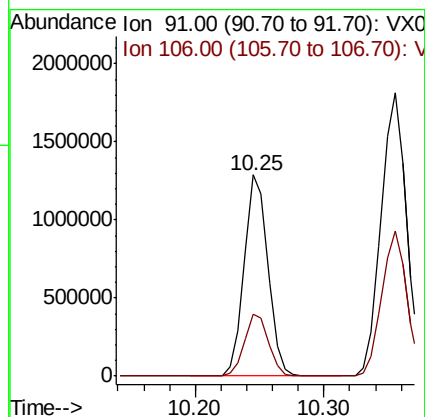
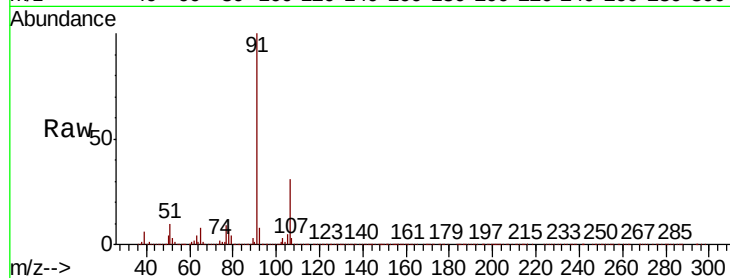
106 30.9 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.700 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013714.D

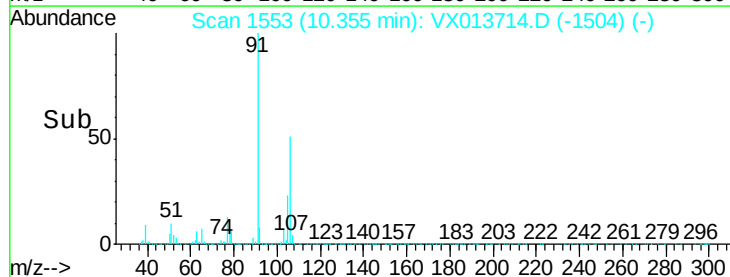
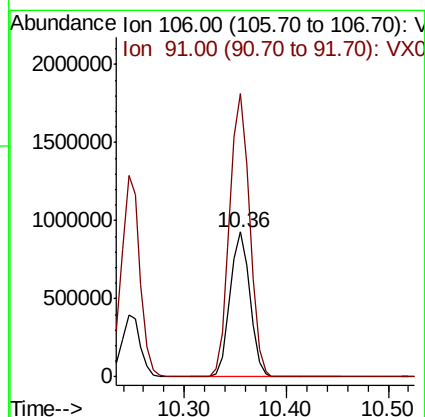
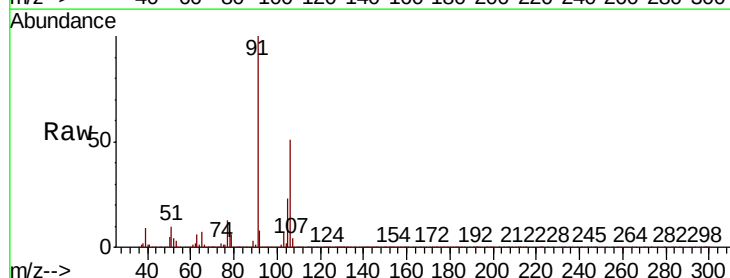
Acq: 29 Nov 2019 20:16

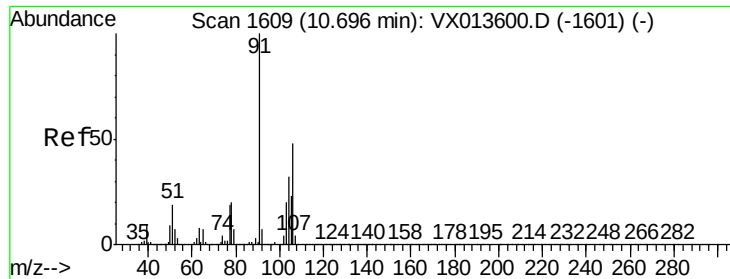
Tgt Ion: 106 Resp: 1241693

Ion Ratio Lower Upper

106 100

91 198.0 159.0 238.4





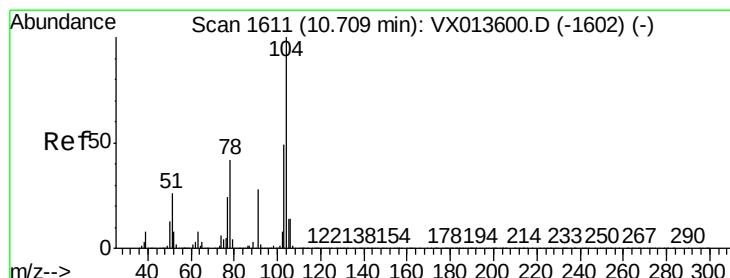
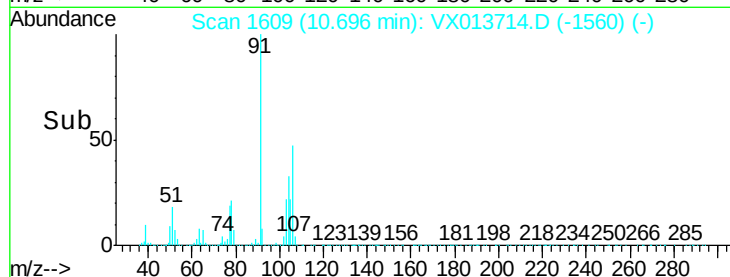
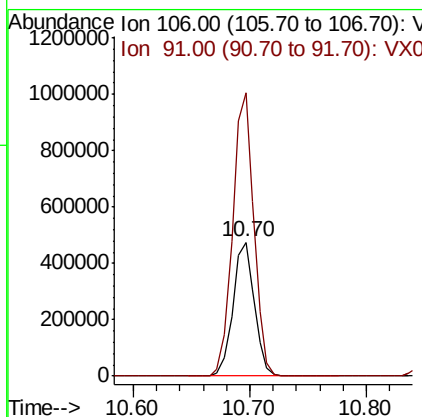
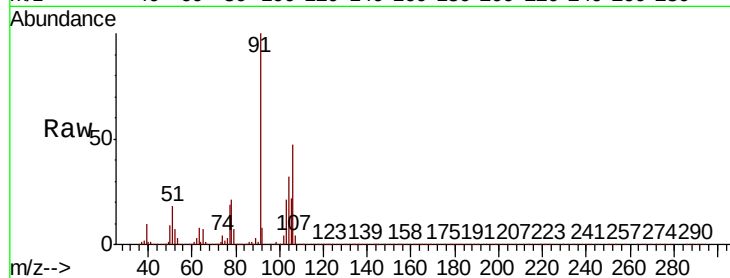
#69
o-Xylene
Concen: 48.847 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.1	312.2

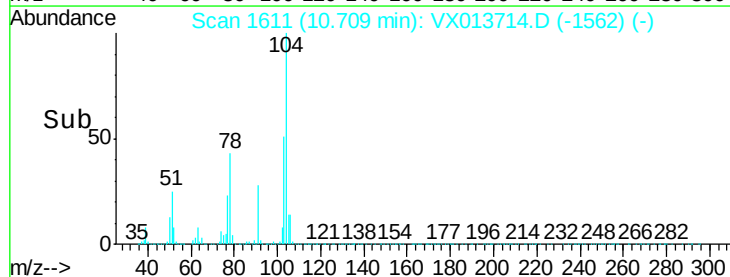
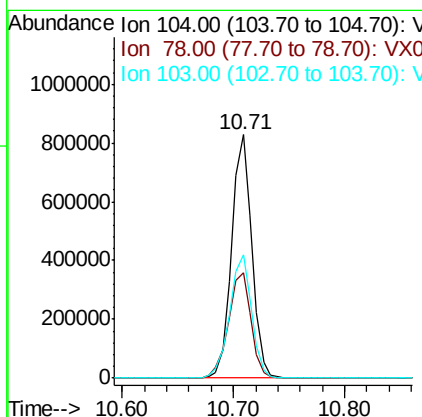
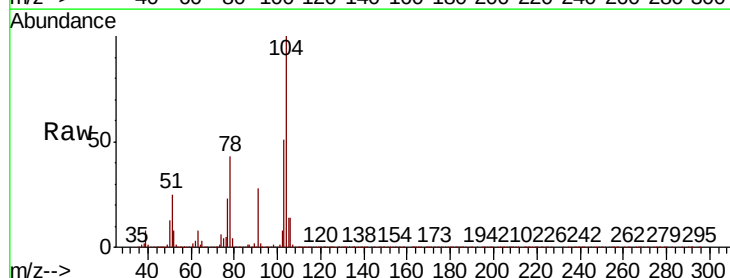
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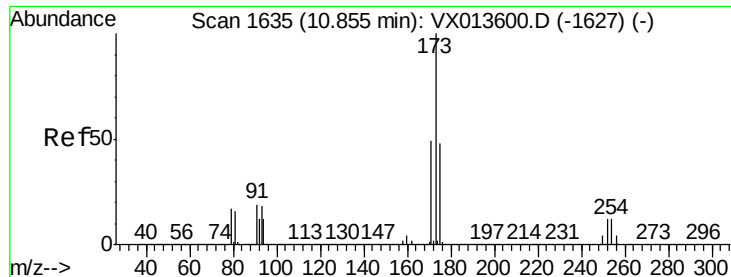
apatel
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#70
Styrene
Concen: 49.596 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.5	57.7
103	55.1	43.7	65.5





#71

Bromoform

Concen: 49.719 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

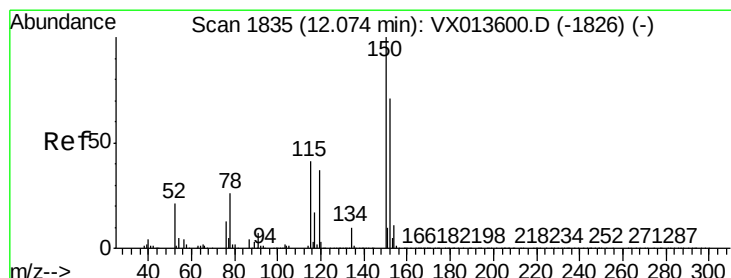
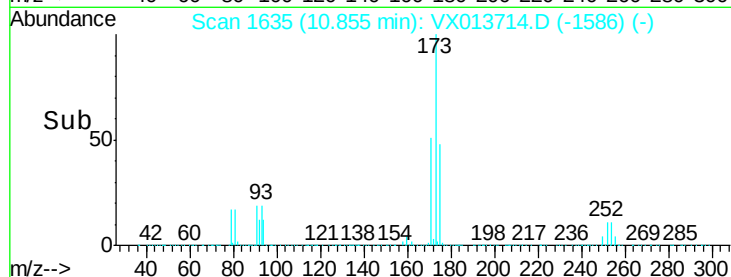
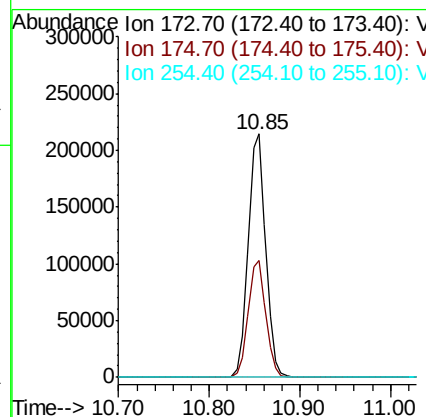
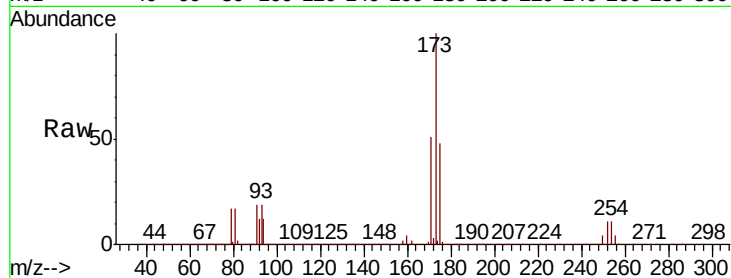
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	285375
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	72.8
254	0.2	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

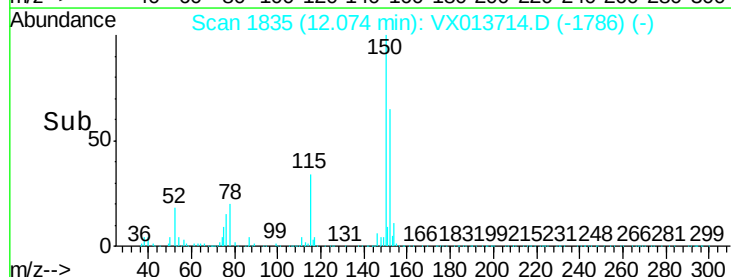
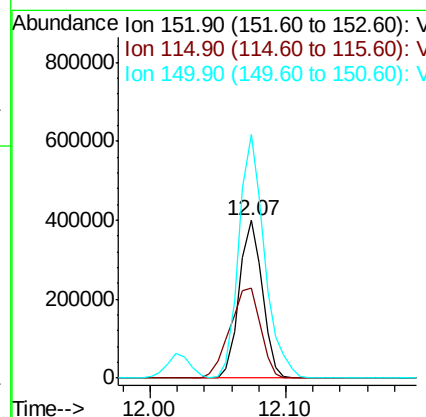
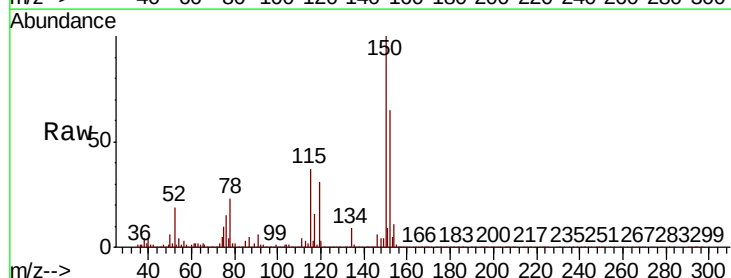
RT: 12.07 min Scan# 1835

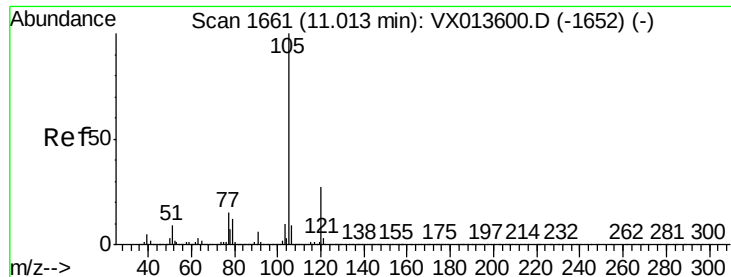
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	152	Resp:	472833
Ion Ratio	Lower	Upper	
152	100		
115	75.5	38.4	115.1
150	171.2	0.0	346.8





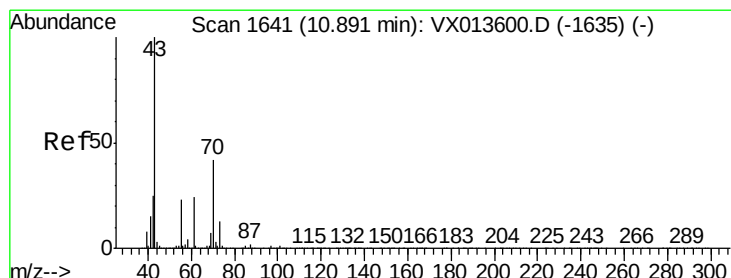
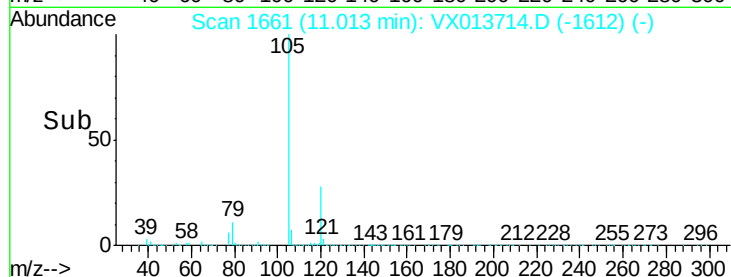
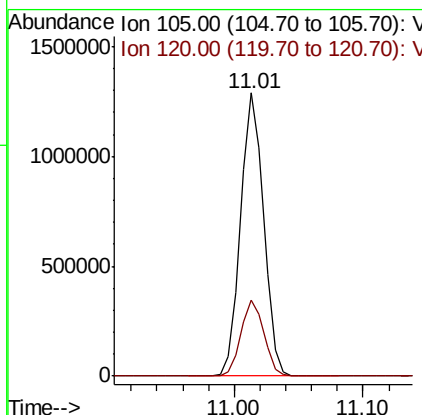
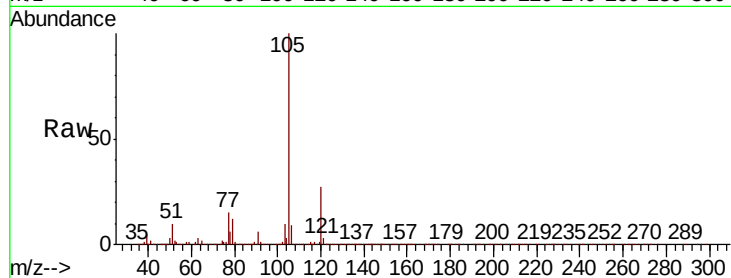
#73
Isopropylbenzene
Concen: 48.089 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1594995
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

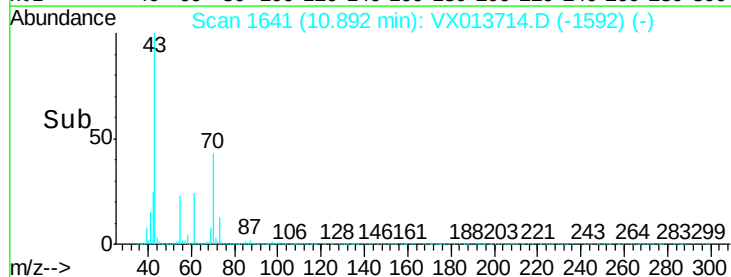
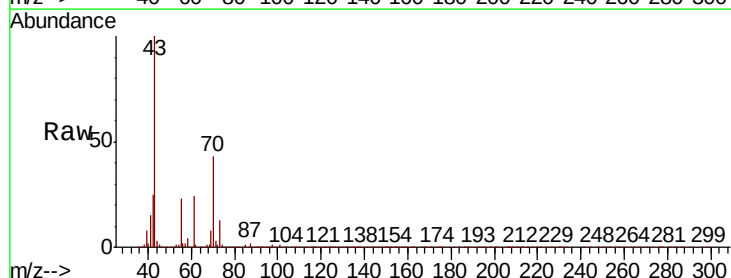
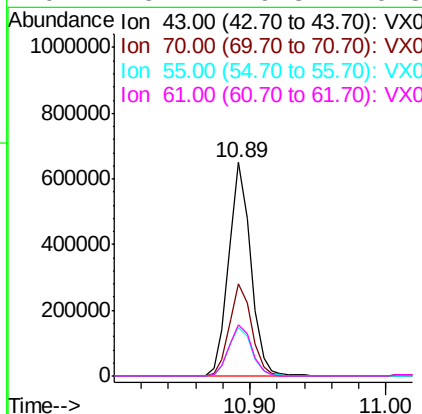
Manual Integrations
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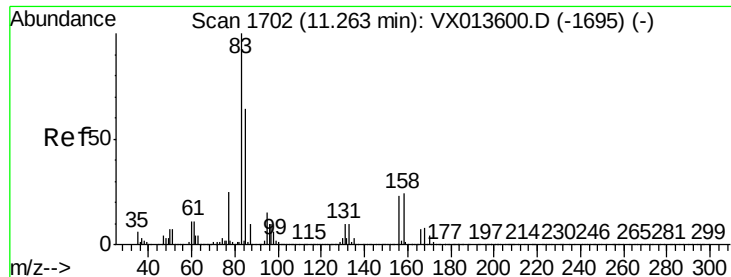
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#74
N-ethyl acetate
Concen: 48.263 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 43 Resp: 733295
Ion Ratio Lower Upper
43 100
70 43.7 34.3 51.5
55 24.0 18.5 27.7
61 25.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.228 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

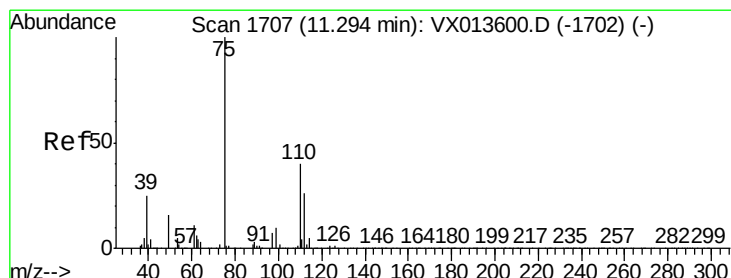
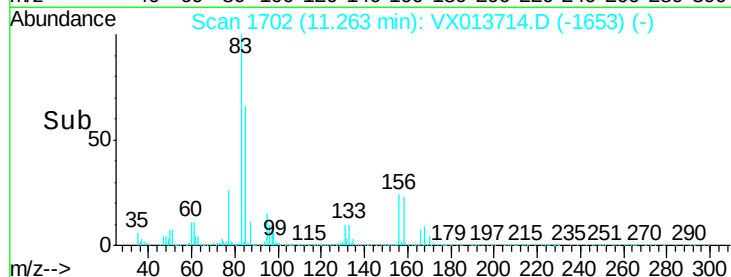
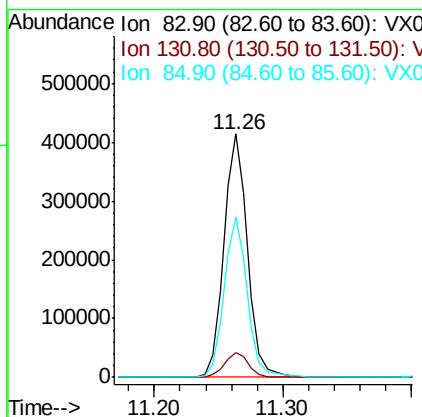
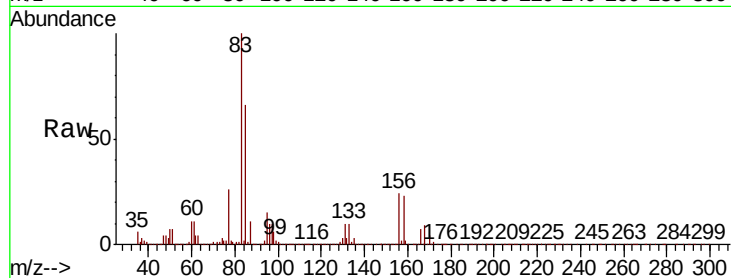
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	531724
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	65.3	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 41.377 ug/l m

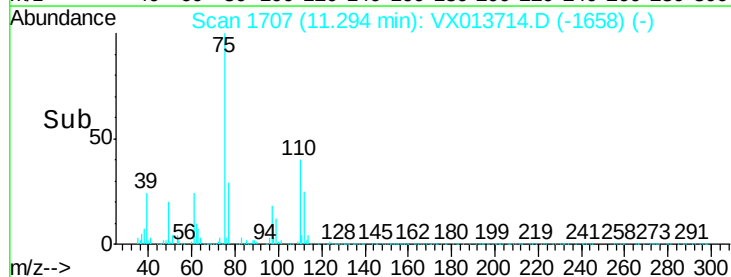
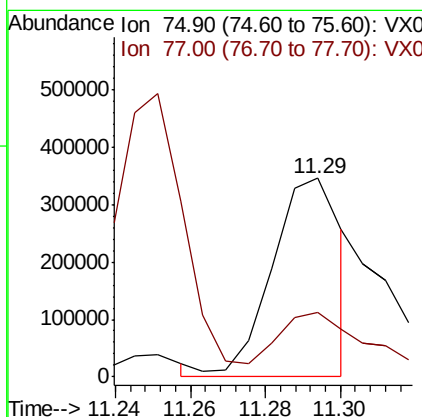
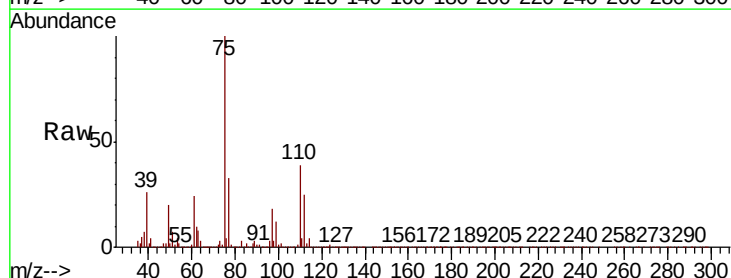
RT: 11.29 min Scan# 1707

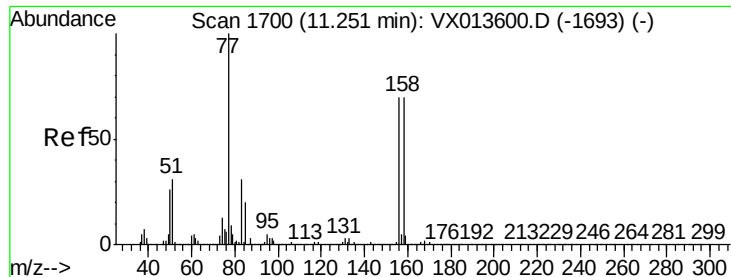
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	75	Resp:	440037
Ion Ratio	Lower	Upper	
75	100		
77	42.7	19.1	57.5





#77

Bromobenzene

Concen: 46.846 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

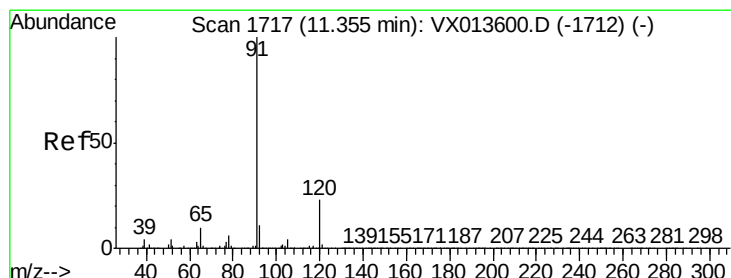
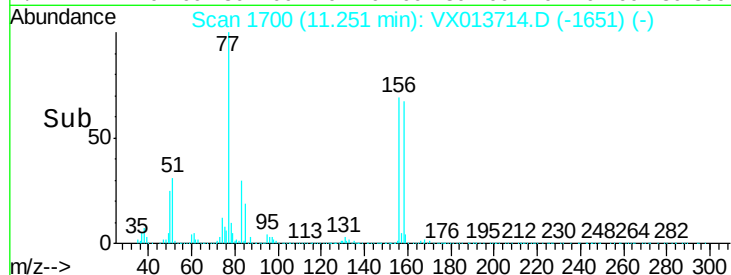
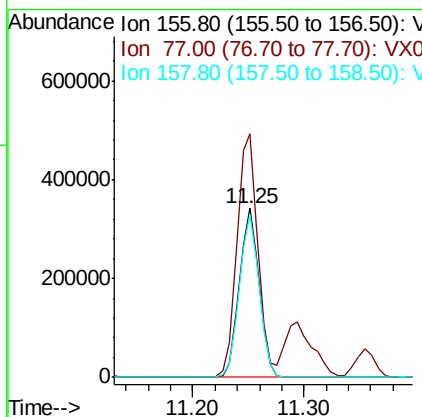
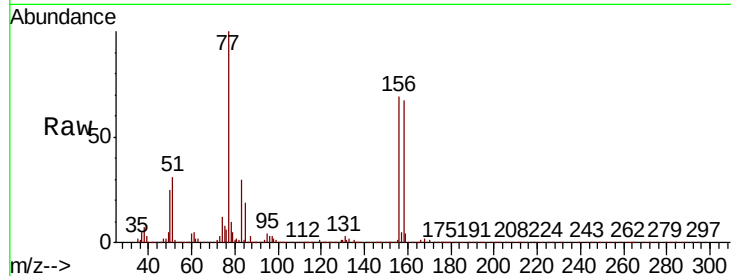
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	419757
Ion Ratio	Lower	Upper	
156	100		
77	151.8	74.4	223.1
158	97.0	48.9	146.6

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#78

n-propylbenzene

Concen: 48.569 ug/l

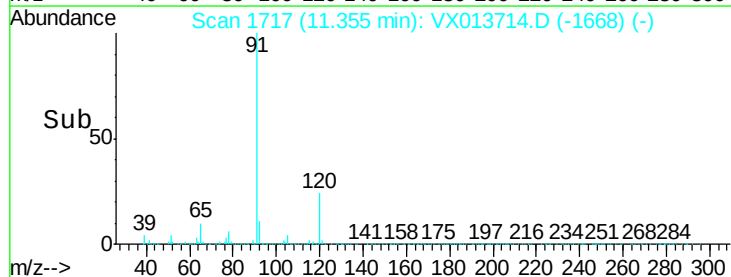
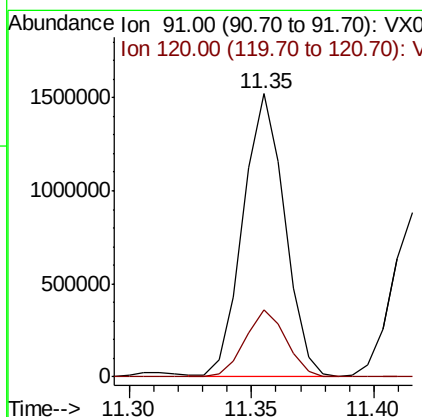
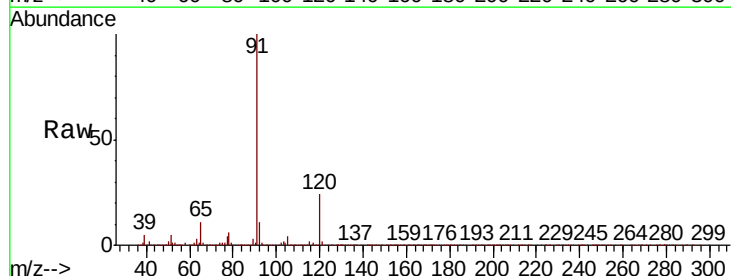
RT: 11.35 min Scan# 1717

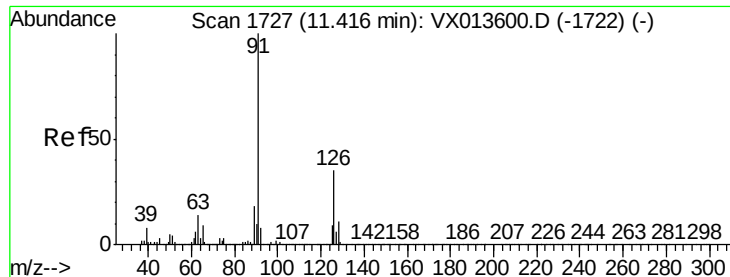
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	91	Resp:	1798276
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 47.820 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1062100

Ion Ratio Lower Upper

91 100

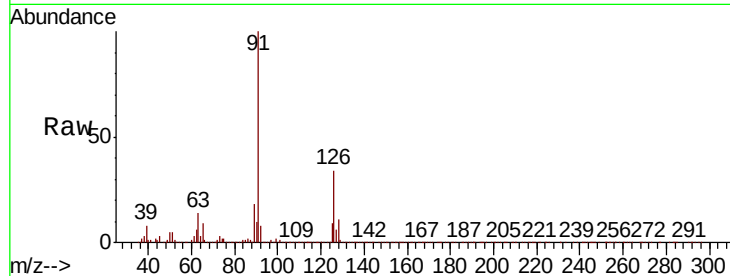
126 35.3 17.5 52.5

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

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

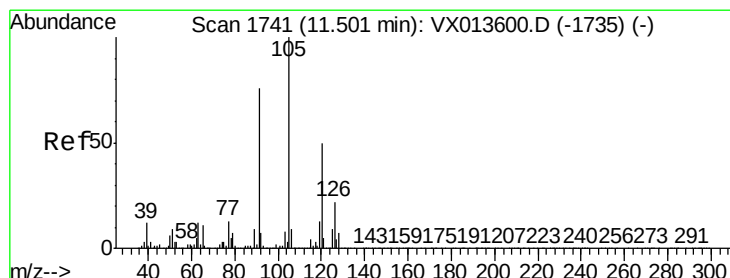
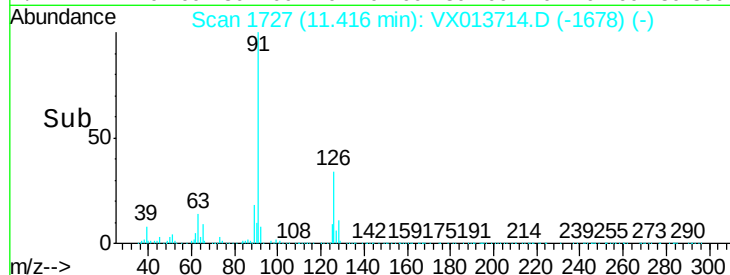
1500000

1000000

500000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 48.789 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013714.D

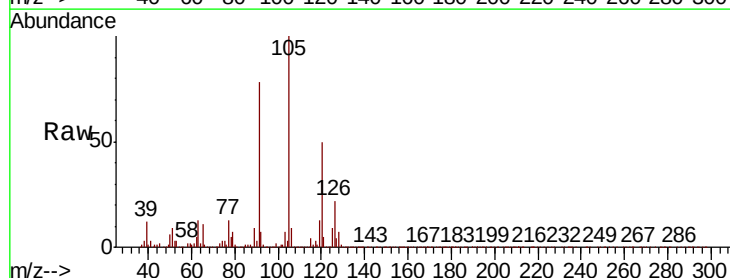
Acq: 29 Nov 2019 20:16

Tgt Ion: 105 Resp: 1326271

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.9



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

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

1200000

1000000

800000

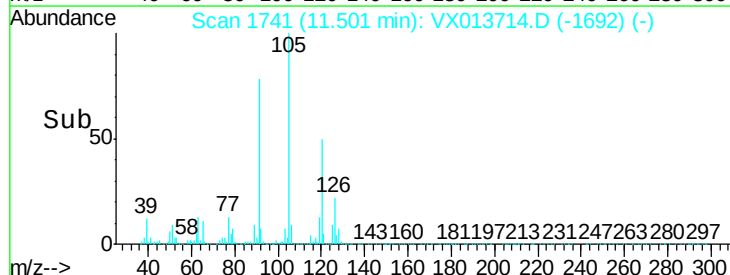
600000

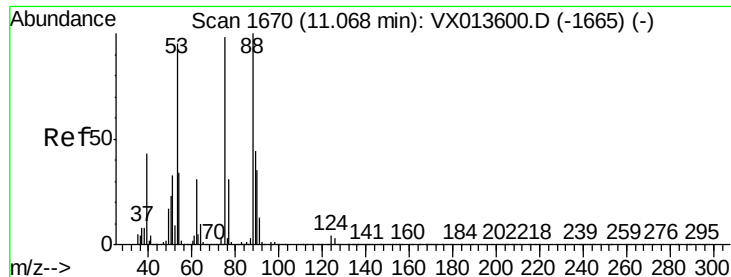
400000

200000

0

Time--> 11.40 11.50 11.60





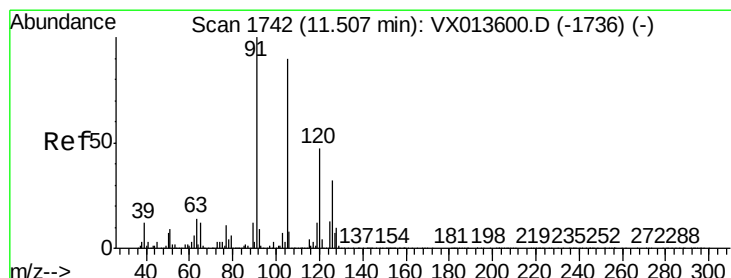
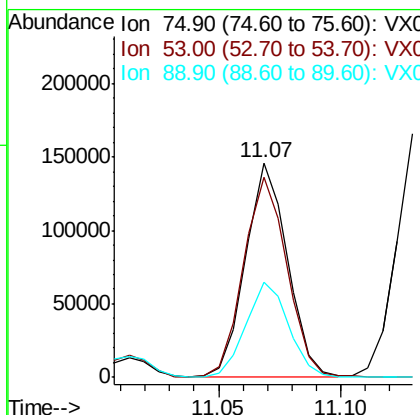
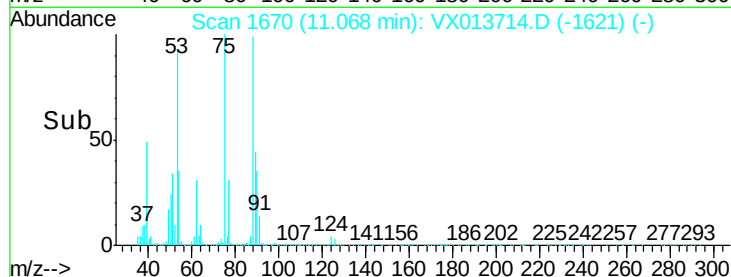
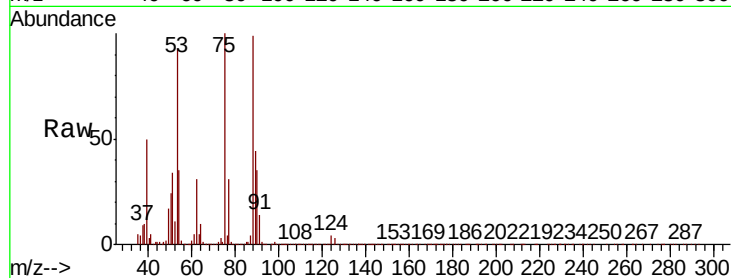
#81
trans-1,4-Dichloro-2-butene
Concen: 44.571 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	78.2	117.2
89	45.6	35.4	53.2

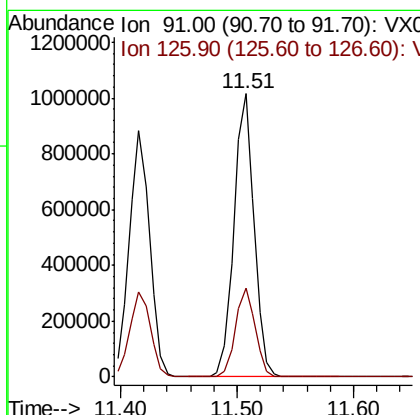
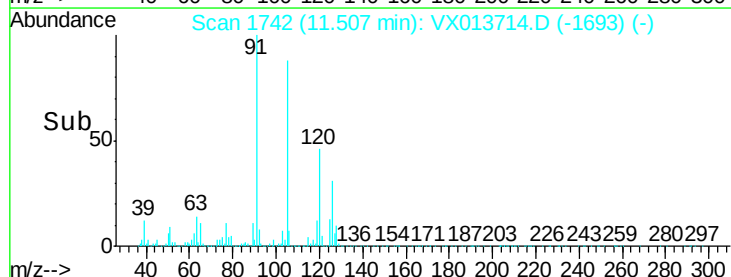
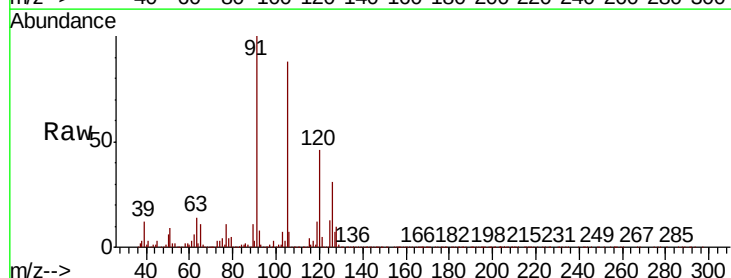
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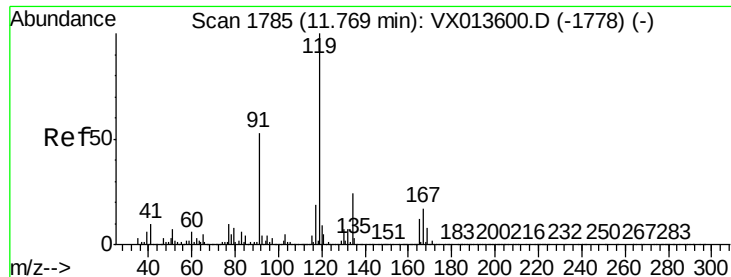
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#82
4-Chlorotoluene
Concen: 47.578 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





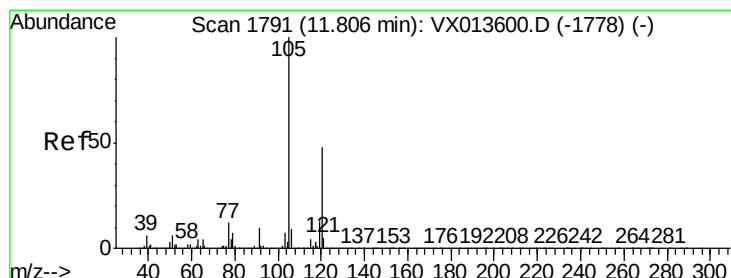
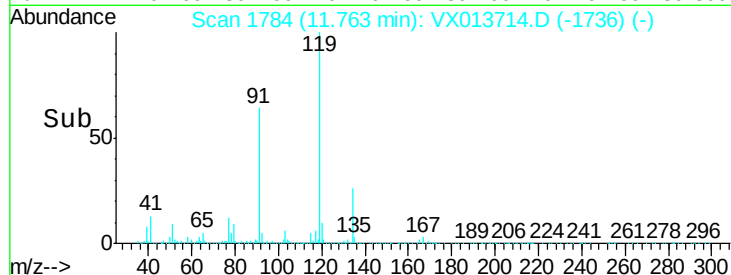
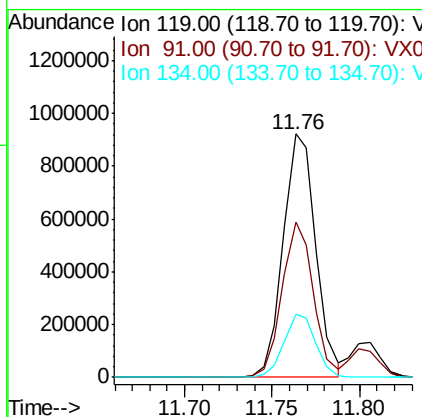
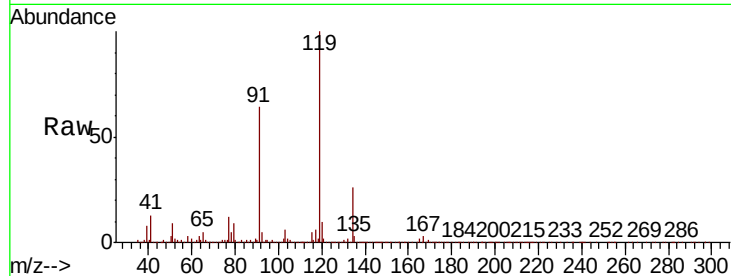
#83
 tert-Butylbenzene
 Concen: 43.341 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	27.2	81.6
134	25.3	11.7	35.1

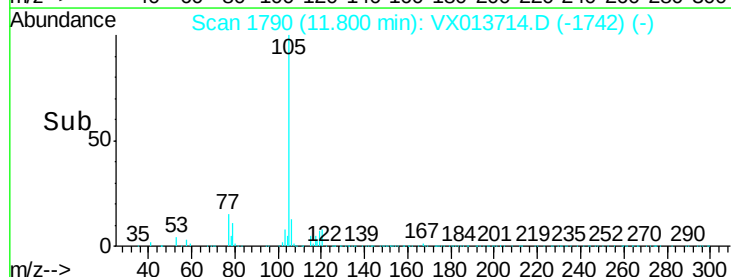
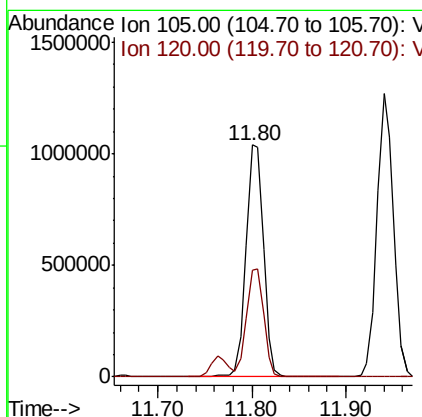
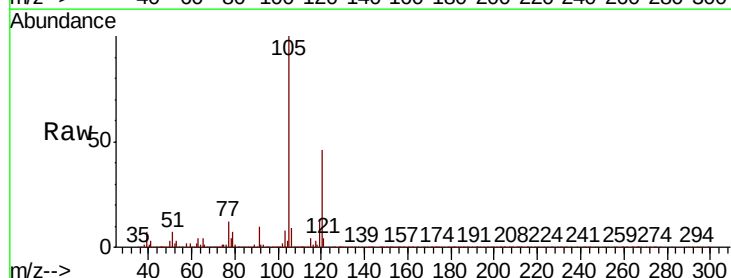
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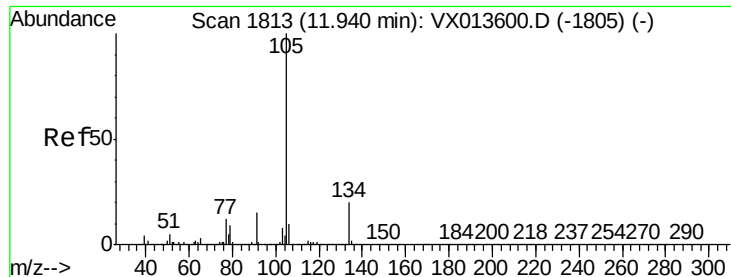
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.694 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 48.657 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1535388

Ion Ratio Lower Upper

105 100

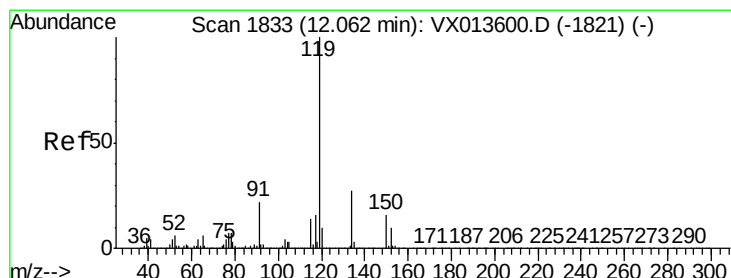
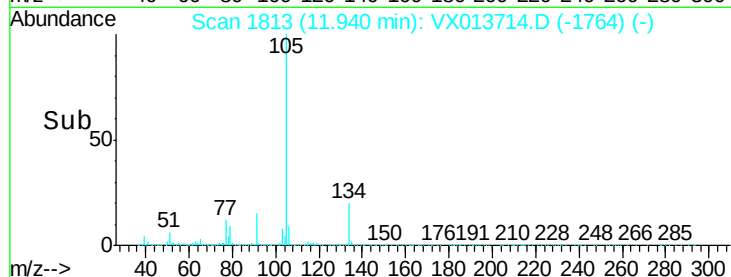
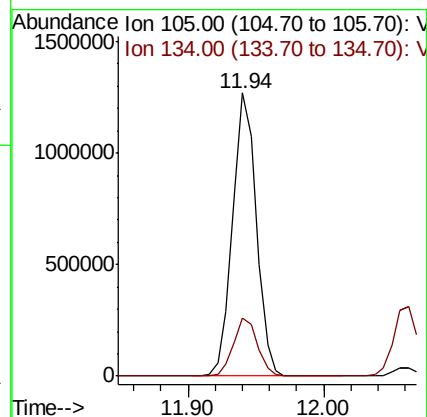
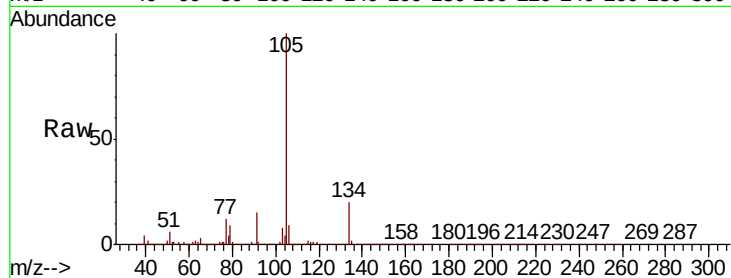
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.271 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

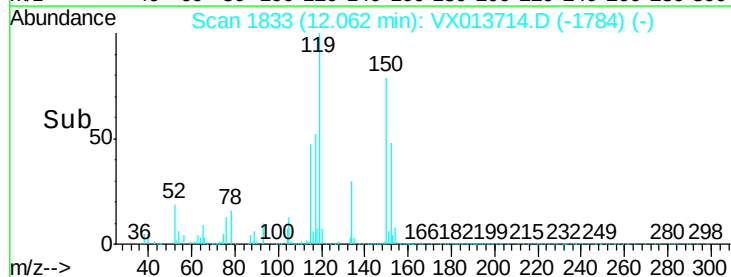
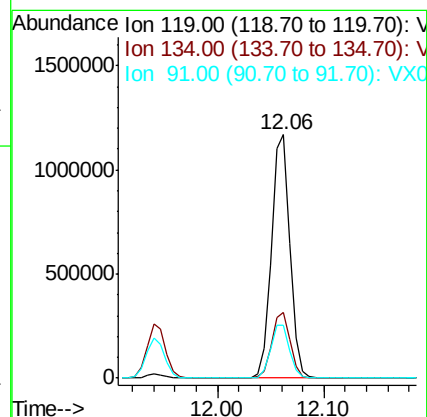
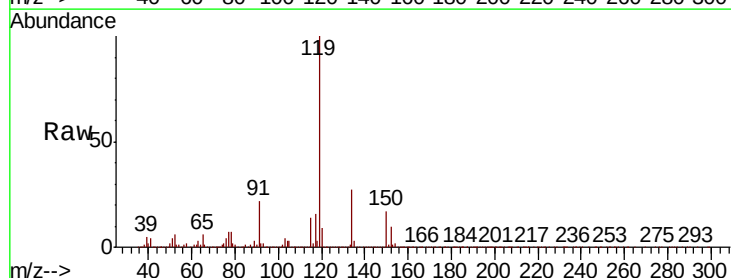
Tgt Ion:119 Resp: 1417041

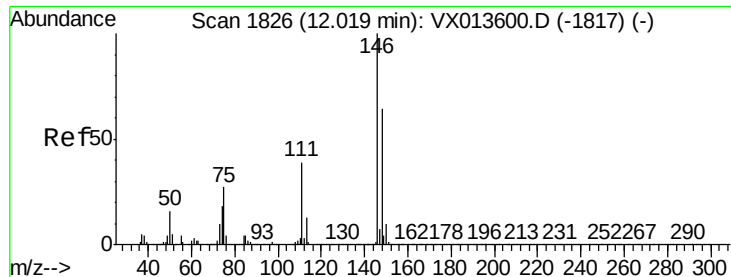
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.182 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

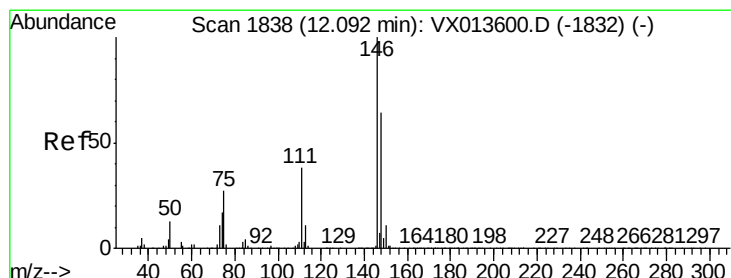
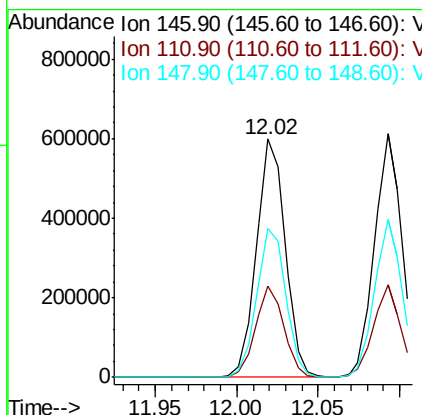
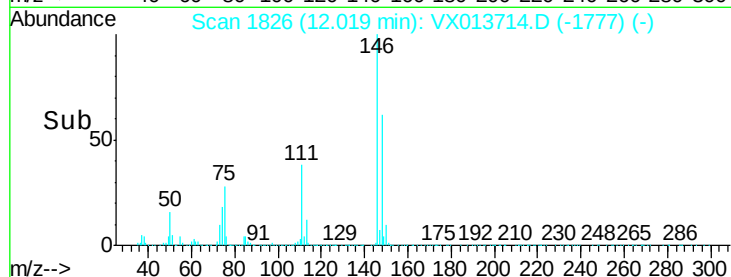
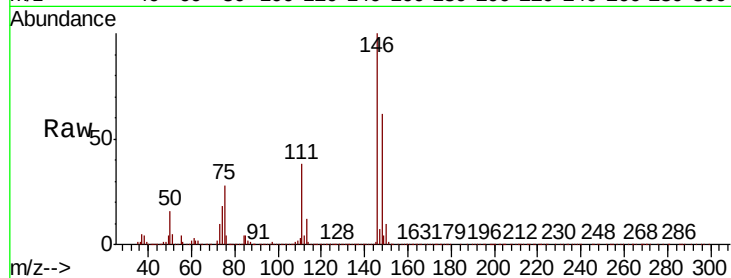
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	736941
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.0	57.0
148	63.6	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 45.478 ug/l

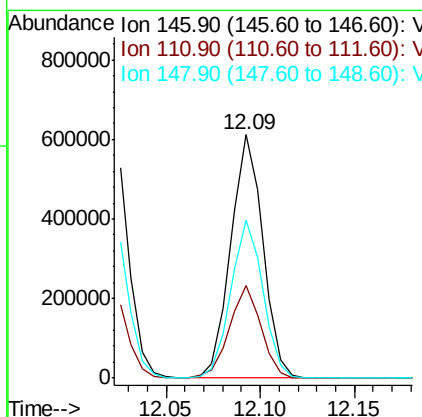
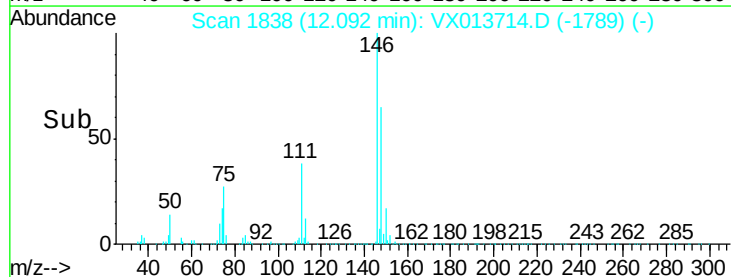
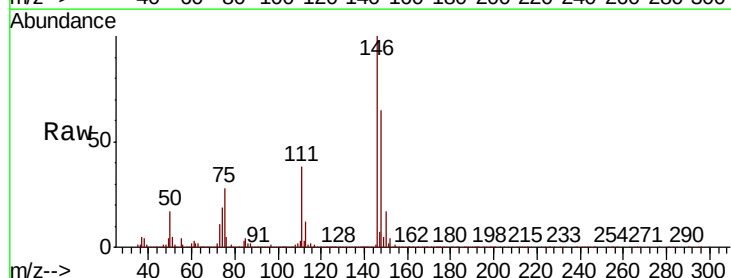
RT: 12.09 min Scan# 1838

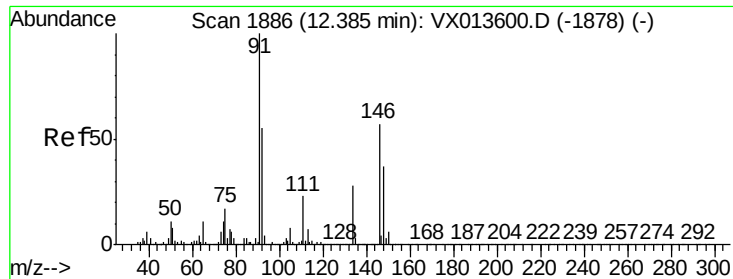
Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion:	146	Resp:	723519
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.9	56.9
148	64.7	31.9	95.5





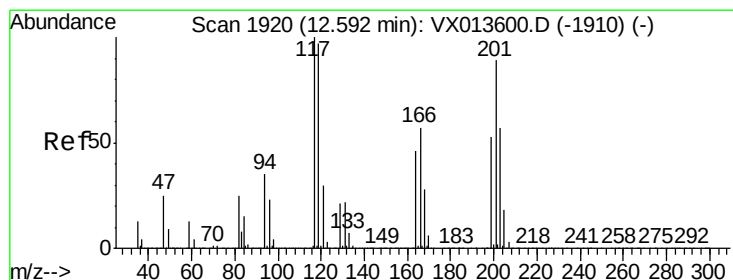
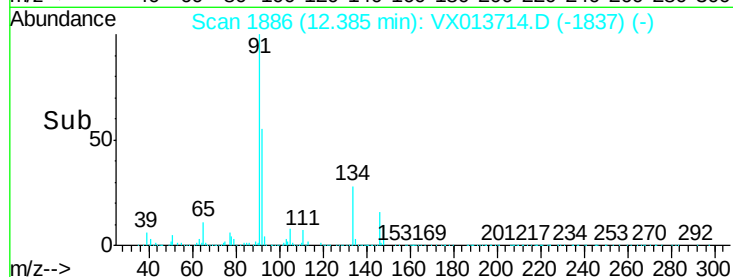
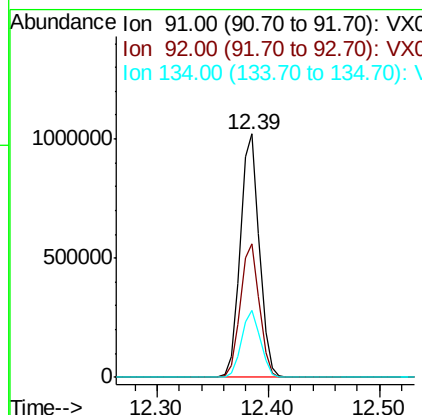
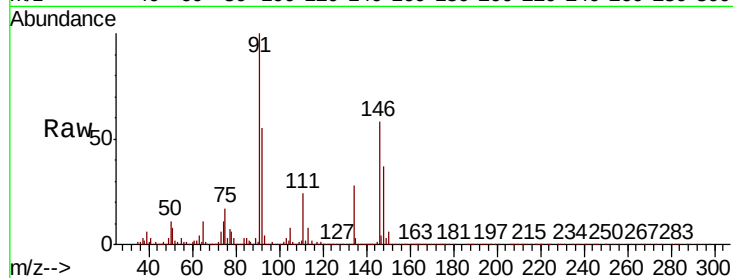
#89
n-Butylbenzene
Concen: 47.978 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	27.4	13.5	40.4

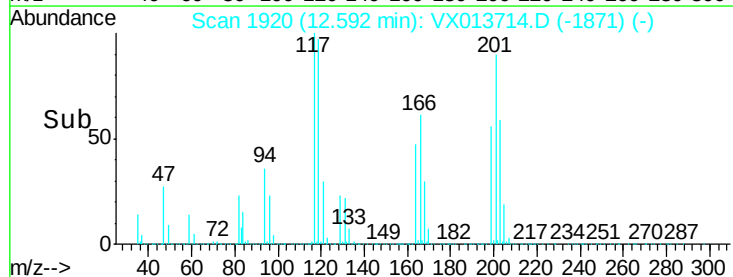
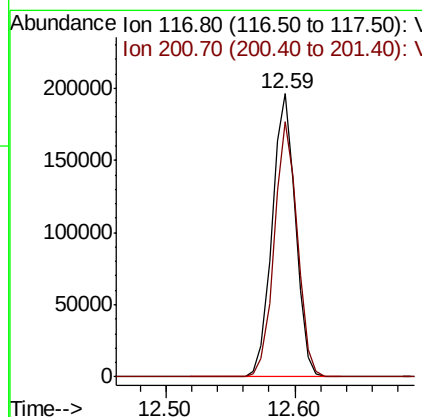
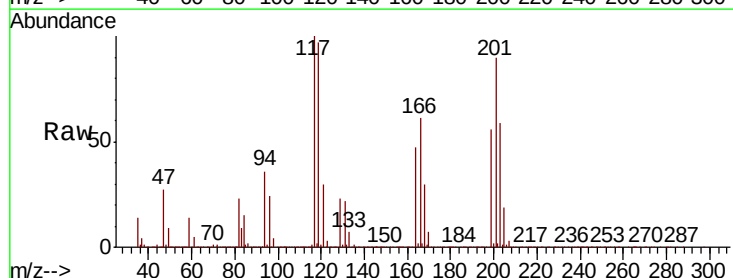
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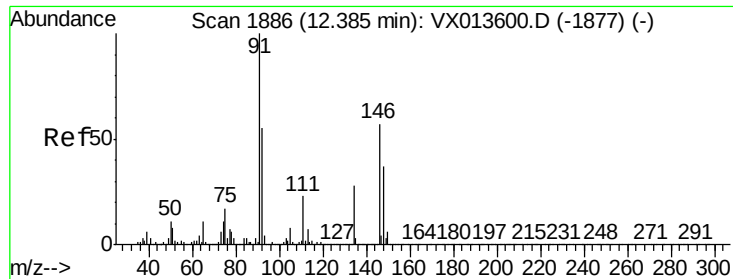
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#90
Hexachloroethane
Concen: 46.909 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.1	132.4





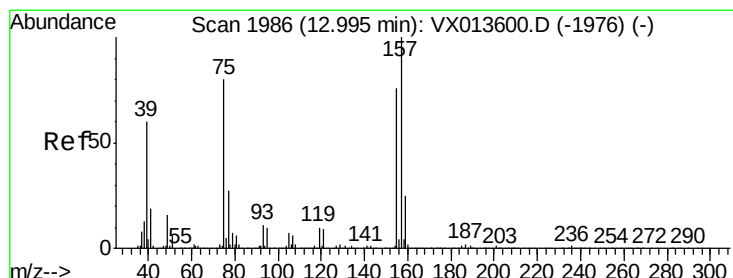
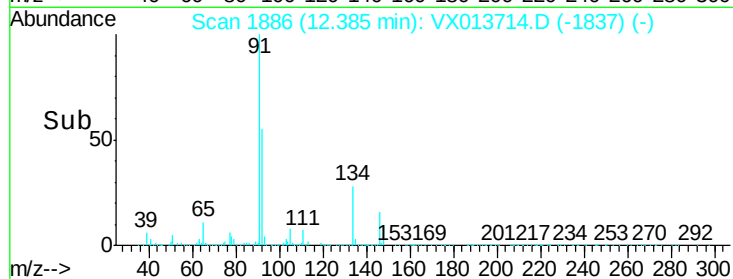
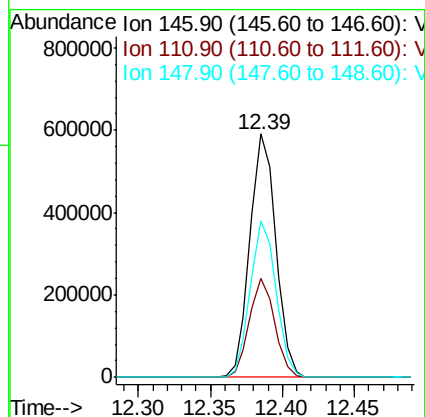
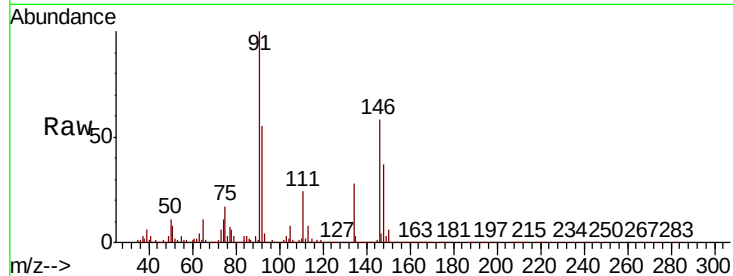
#91
 1,2-Dichlorobenzene
 Concen: 47.558 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.1	31.9	95.7

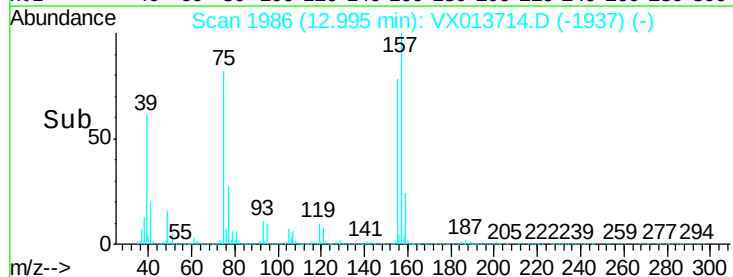
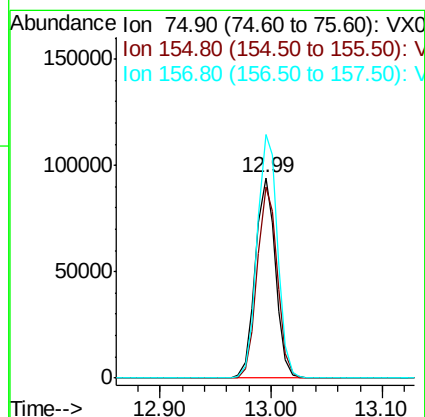
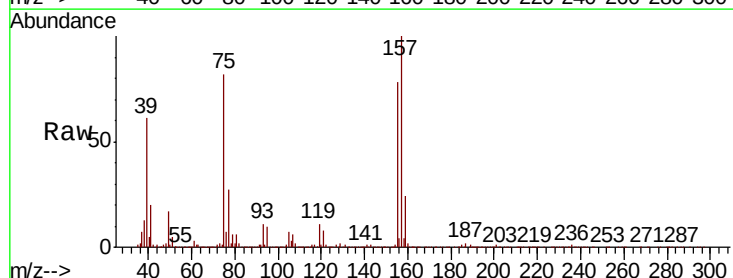
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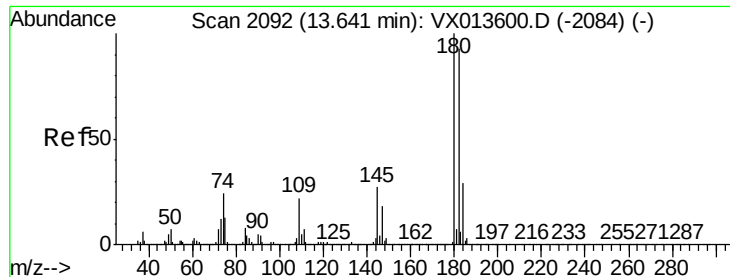
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.532 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	47.6	142.8
157	123.3	62.1	186.2





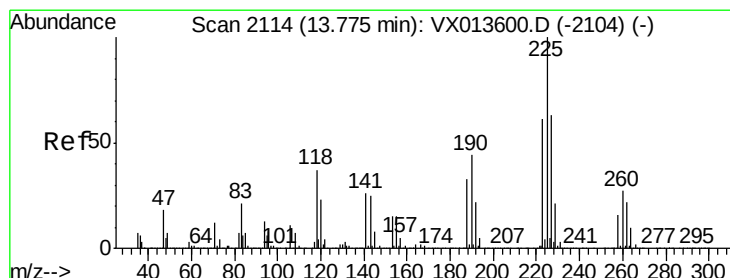
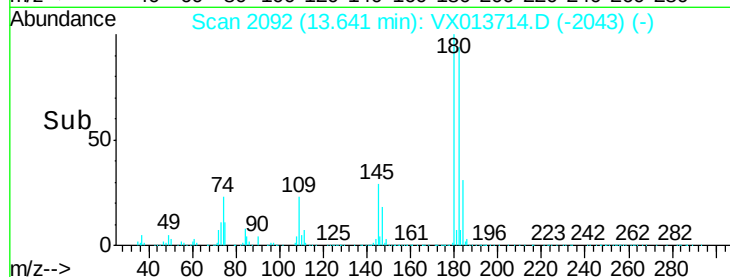
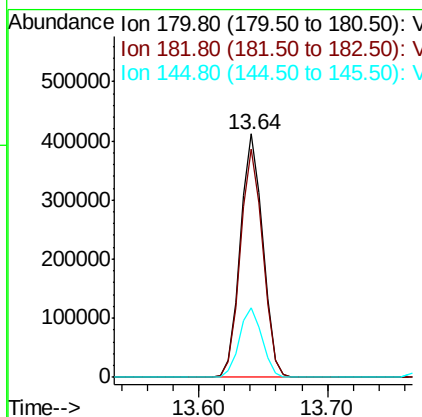
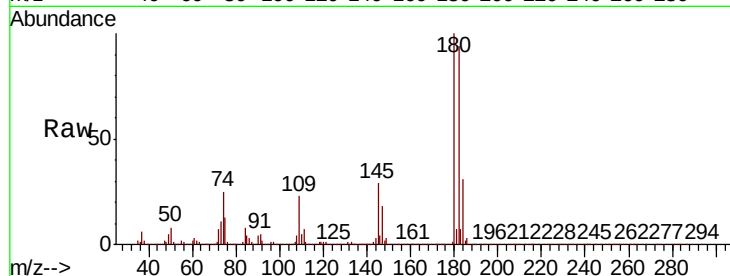
#93
1,2,4-Trichlorobenzene
Concen: 46.325 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	498236		
182	94.2	47.2	141.6	
145	28.7	13.8	41.4	

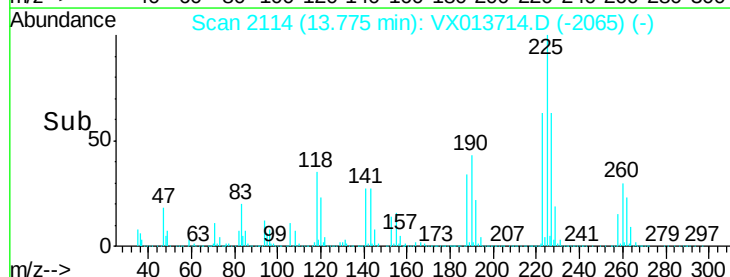
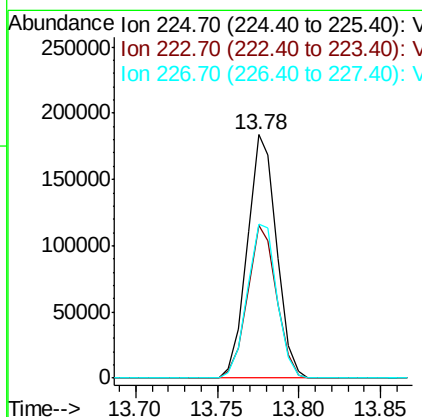
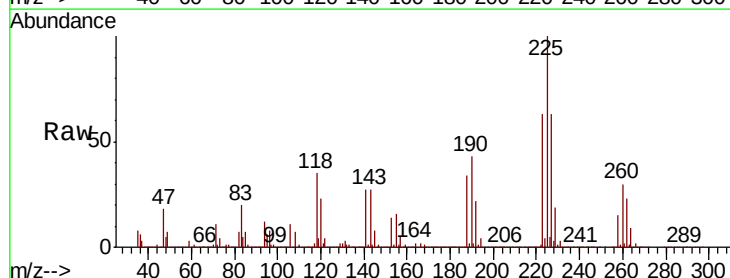
Manual Integrations
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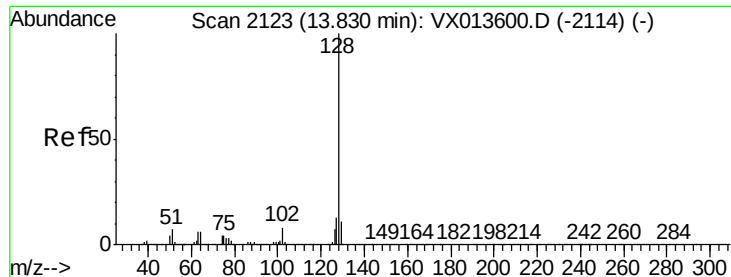
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#94
Hexachlorobutadiene
Concen: 44.529 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	230063		
223	62.3	31.9	95.5	
227	64.0	32.1	96.3	





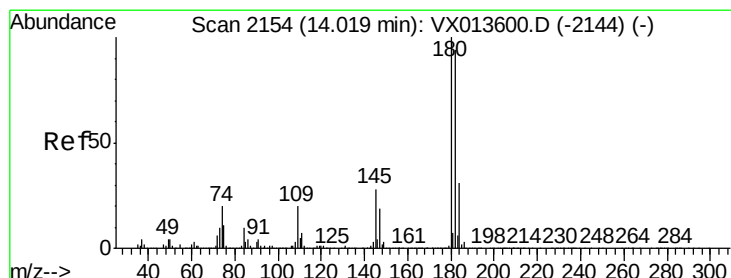
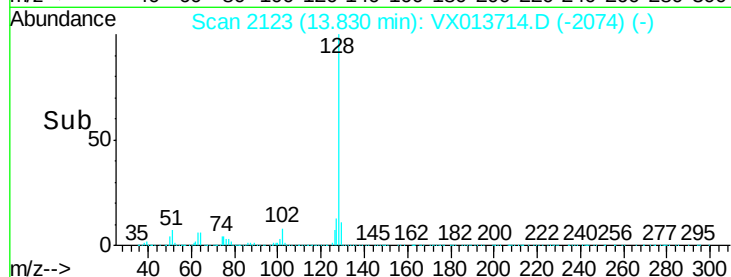
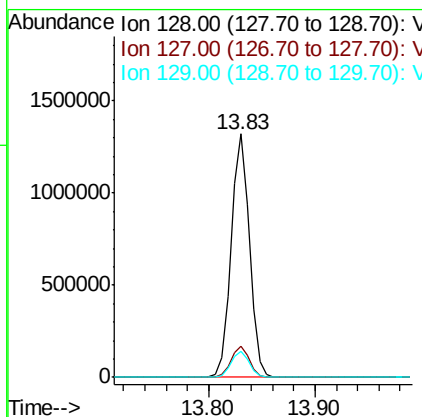
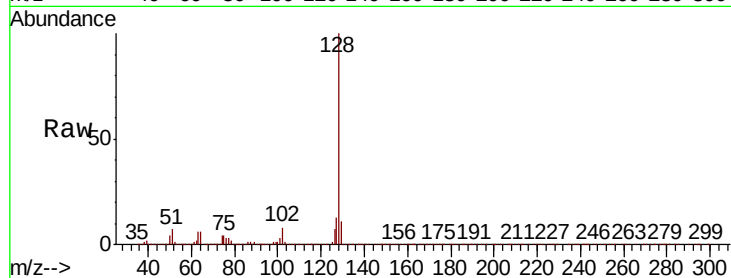
#95
Naphthalene
Concen: 49.693 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.841 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	29.5	15.0	45.0

