

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013692.D
 Acq On : 29 Nov 2019 10:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/2/2019 12:47:50 PM

Quant Time: Nov 29 22:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	737818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	990022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	506673	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	391381	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	5.48	113	324885	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1266299	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	457735	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	403774	49.167	ug/l	98
3) Chloromethane	1.32	50	422906	45.894	ug/l	100
4) Vinyl Chloride	1.40	62	505785	48.767	ug/l	100
5) Bromomethane	1.63	94	289755	41.600	ug/l	99
6) Chloroethane	1.71	64	269854	45.723	ug/l	98
7) Trichlorofluoromethane	1.92	101	541310	47.003	ug/l	99
8) Diethyl Ether	2.18	74	244700	46.965	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	332665	47.291	ug/l	98
10) Methyl Iodide	2.50	142	381138	44.791	ug/l	99
11) Tert butyl alcohol	3.03	59	412971	195.353	ug/l	97
12) 1,1-Dichloroethene	2.36	96	328373	46.766	ug/l	98
13) Acrolein	2.28	56	305470	216.883	ug/l	100
14) Allyl chloride	2.72	41	594456	46.652	ug/l	98
15) Acrylonitrile	3.13	53	950007	217.711	ug/l	99
16) Acetone	2.44	43	1038158	245.523	ug/l	100
17) Carbon Disulfide	2.56	76	914678	45.696	ug/l	99
18) Methyl Acetate	2.76	43	541616	46.000	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1096188	47.126	ug/l	100
20) Methylene Chloride	2.85	84	368203	45.326	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	358052	46.809	ug/l	100
22) Diisopropyl ether	3.84	45	1168667	47.631	ug/l	100
23) Vinyl Acetate	3.80	43	4835372	236.896	ug/l	99
24) 1,1-Dichloroethane	3.69	63	637235	47.509	ug/l	99
25) 2-Butanone	4.65	43	1455150	231.559	ug/l	100
26) 2,2-Dichloropropane	4.57	77	529076	47.675	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	407761	46.419	ug/l	99
28) Bromochloromethane	5.00	49	278249	52.495	ug/l	99
29) Tetrahydrofuran	5.11	42	860518	222.128	ug/l	100
30) Chloroform	5.20	83	648319	47.660	ug/l	97
31) Cyclohexane	5.57	56	590150	46.648	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	535497	47.108	ug/l	99
36) 1,1-Dichloropropene	5.79	75	483380	48.706	ug/l	99
37) Ethyl Acetate	4.81	43	525566	47.205	ug/l	100
38) Carbon Tetrachloride	5.77	117	459525	50.215	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	609011	49.644	ug/l	99
40) Benzene	6.13	78	1449858	47.966	ug/l	99
41) Methacrylonitrile	5.03	41	301260	49.339	ug/l	98
42) 1,2-Dichloroethane	6.18	62	499923	48.496	ug/l	100
43) Isopropyl Acetate	6.43	43	867398	47.322	ug/l	100
44) Trichloroethene	7.20	130	400033	48.222	ug/l	95
45) 1,2-Dichloropropane	7.50	63	374993	49.585	ug/l	96
46) Dibromomethane	7.65	93	240860	46.893	ug/l	99
47) Bromodichloromethane	7.89	83	497290	51.214	ug/l	99
48) Methyl methacrylate	7.76	41	434299	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	180228	904.081	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2687242	233.070	ug/l	100
52) Toluene	8.78	92	923054	49.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	563752	51.007	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	615285	50.955	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	369429	48.820	ug/l	99
56) Ethyl methacrylate	9.17	69	605719	49.787	ug/l	99
57) 1,3-Dichloropropane	9.36	76	625279	47.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1136573	238.274	ug/l	100
59) 2-Hexanone	9.48	43	2144288	238.456	ug/l	99
60) Dibromochloromethane	9.57	129	402241	51.220	ug/l	99
61) 1,2-Dibromoethane	9.67	107	389614	48.207	ug/l	99
64) Tetrachloroethene	9.33	164	352264	47.713	ug/l	98
65) Chlorobenzene	10.14	112	995707	48.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	369714	50.089	ug/l	100
67) Ethyl Benzene	10.25	91	1762235	49.892	ug/l	98
68) m/p-Xylenes	10.35	106	1345483	99.496	ug/l	100
69) o-Xylene	10.70	106	653422	49.543	ug/l	100
70) Styrene	10.71	104	1127337	50.813	ug/l	100
71) Bromoform	10.85	173	307805	50.400	ug/l #	99
73) Isopropylbenzene	11.01	105	1729680	48.667	ug/l	100
74) N-amyl acetate	10.89	43	792729	48.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576592	46.780	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	541574m	47.523	ug/l	
77) Bromobenzene	11.25	156	450290	46.898	ug/l	98
78) n-propylbenzene	11.35	91	1988939	50.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	1153145	48.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1466412	50.342	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	200924	48.236	ug/l	99
82) 4-Chlorotoluene	11.51	91	1348093	48.905	ug/l	100
83) tert-Butylbenzene	11.76	119	1470743	49.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1468623	49.677	ug/l	100
85) sec-Butylbenzene	11.94	105	1704753	50.416	ug/l	100
86) p-Isopropyltoluene	12.06	119	1583086	50.325	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	811265	48.471	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	804640	47.199	ug/l	99
89) n-Butylbenzene	12.39	91	1408686	52.505	ug/l	99
90) Hexachloroethane	12.59	117	284470	50.030	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	811938	49.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	123431	45.987	ug/l	96

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ClientSampleId :
VSTDCCC050

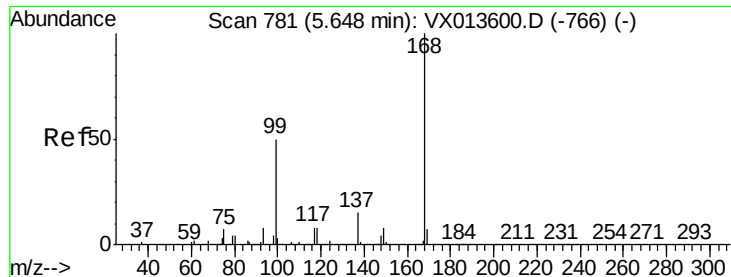
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	579064	50.244	ug/l	100
94) Hexachlorobutadiene	13.78	225	273319	49.368	ug/l	98
95) Naphthalene	13.83	128	1710181	49.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	563492	49.381	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 737818

Ion Ratio Lower Upper

168 100

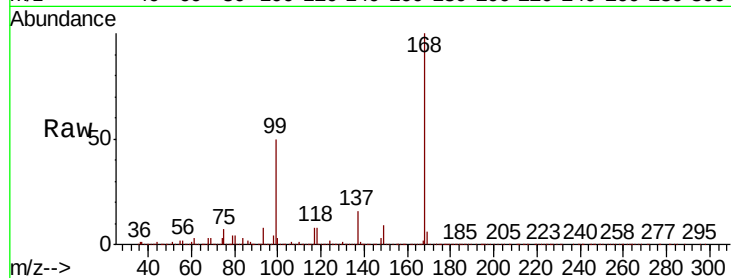
99 49.5 39.8 59.8

Manual Integrations

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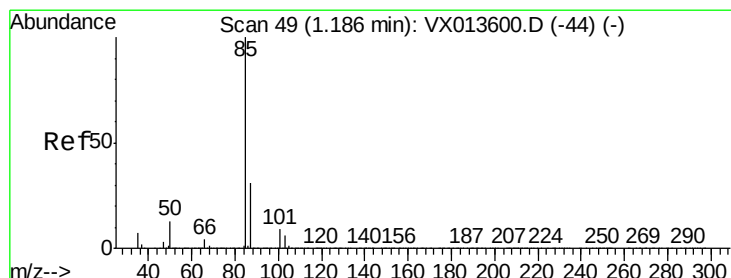
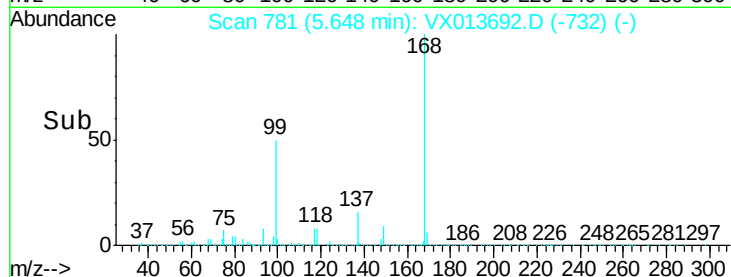
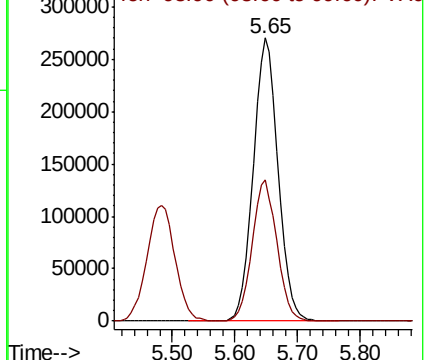
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.167 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013692.D

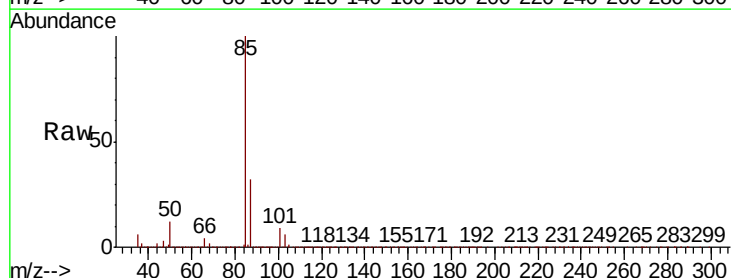
Acq: 29 Nov 2019 10:47

Tgt Ion: 85 Resp: 403774

Ion Ratio Lower Upper

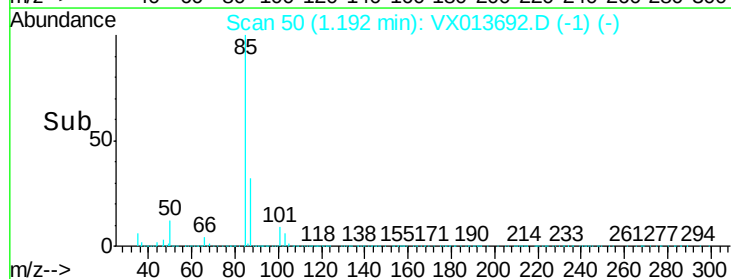
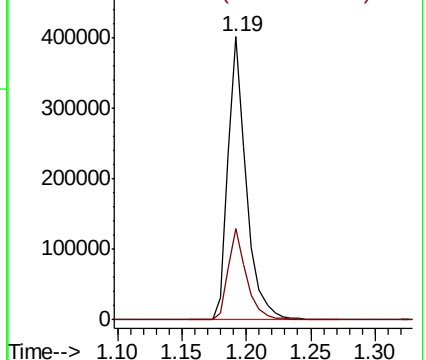
85 100

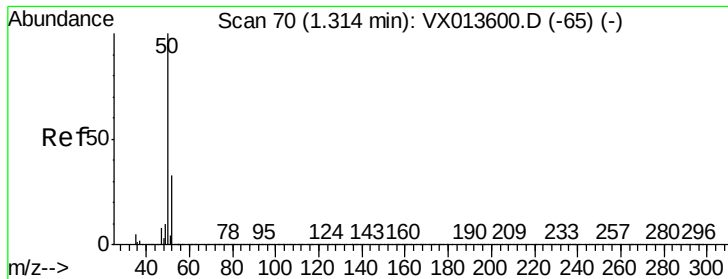
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.894 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 422906

Ion Ratio Lower Upper

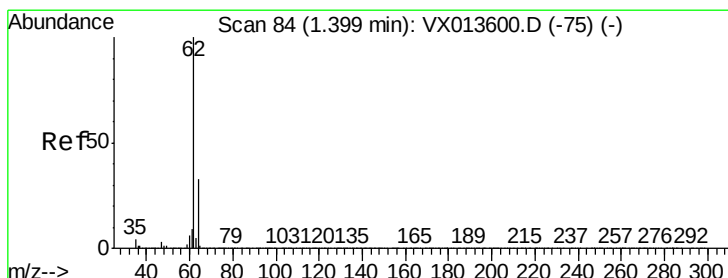
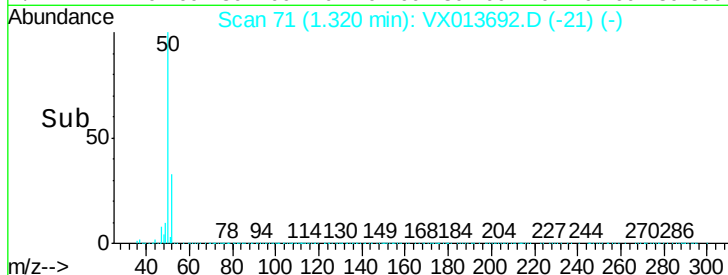
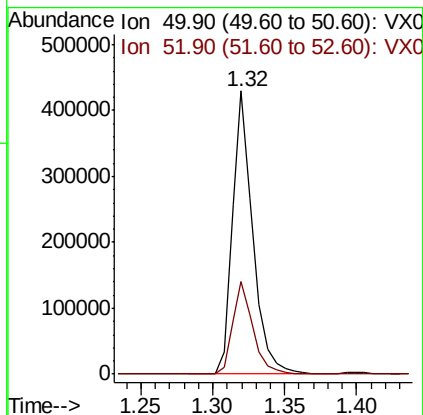
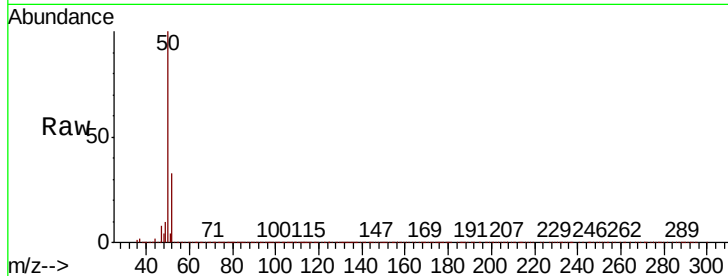
50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 48.767 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013692.D

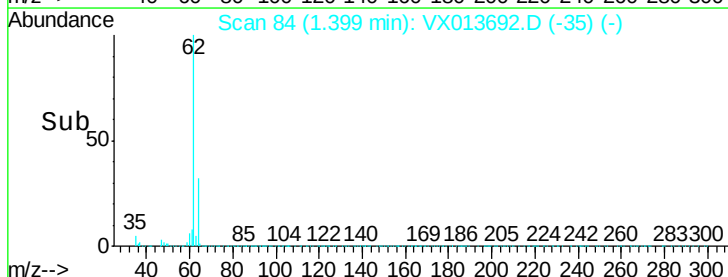
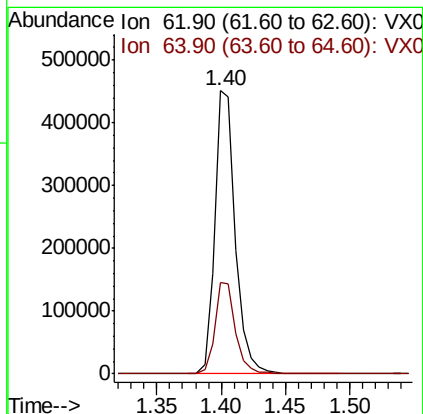
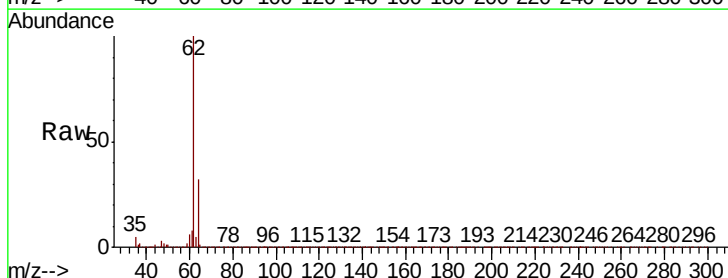
Acq: 29 Nov 2019 10:47

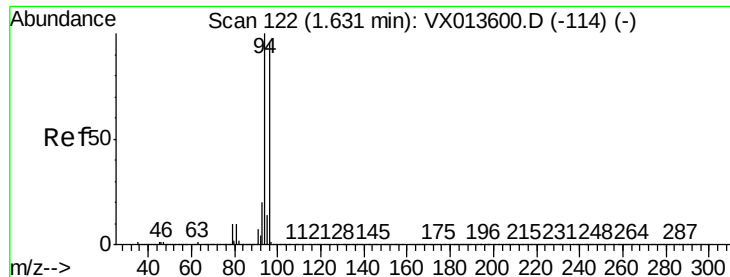
Tgt Ion: 62 Resp: 505785

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 41.600 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 289755

Ion Ratio Lower Upper

94 100

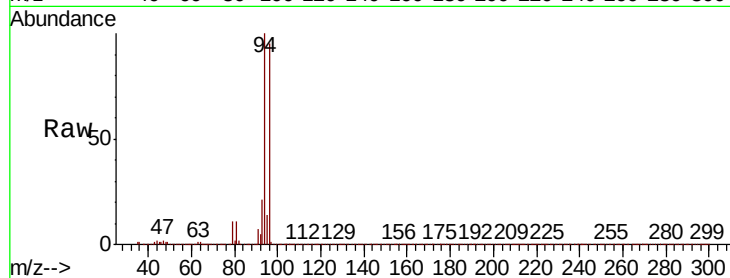
96 95.0 77.0 115.4

Manual Integrations

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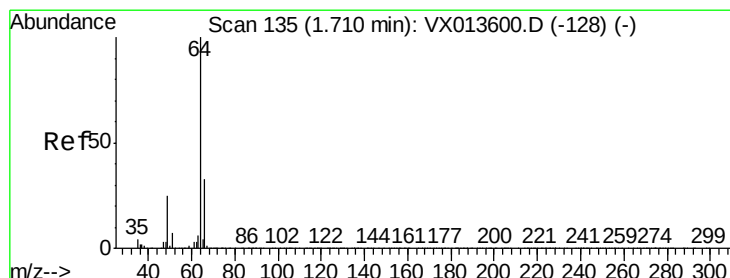
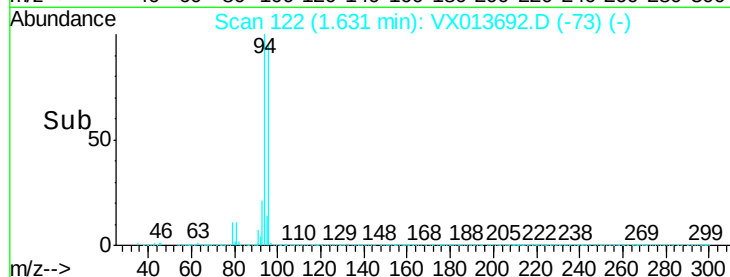
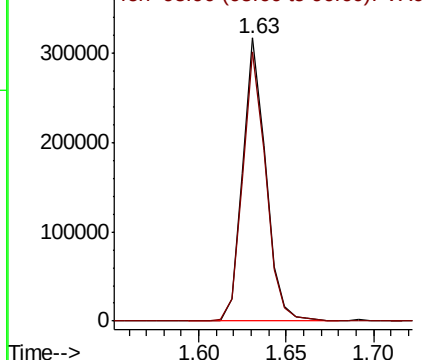
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.723 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013692.D

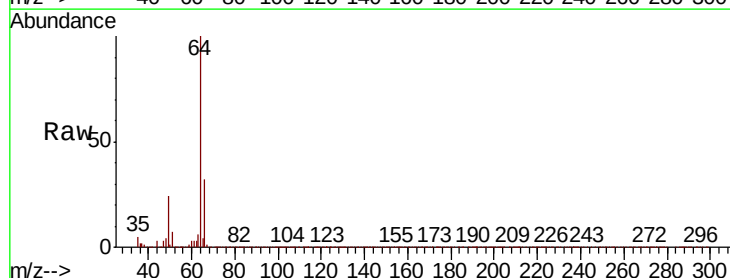
Acq: 29 Nov 2019 10:47

Tgt Ion: 64 Resp: 269854

Ion Ratio Lower Upper

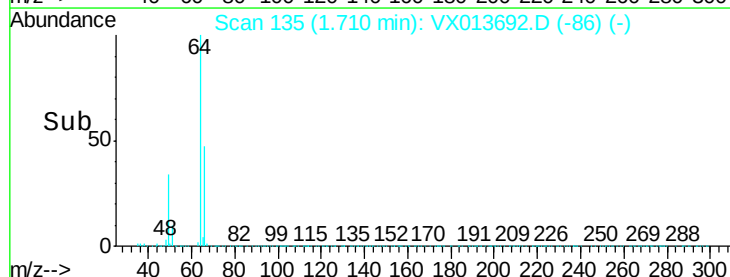
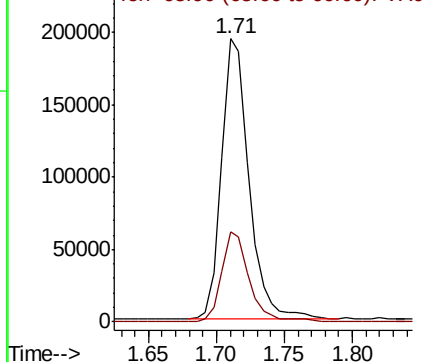
64 100

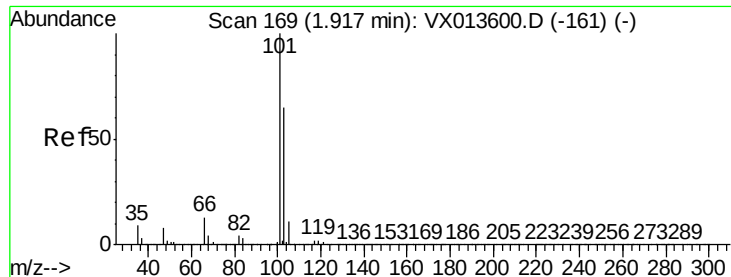
66 32.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

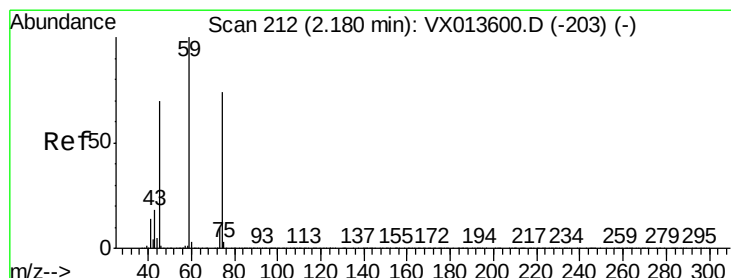
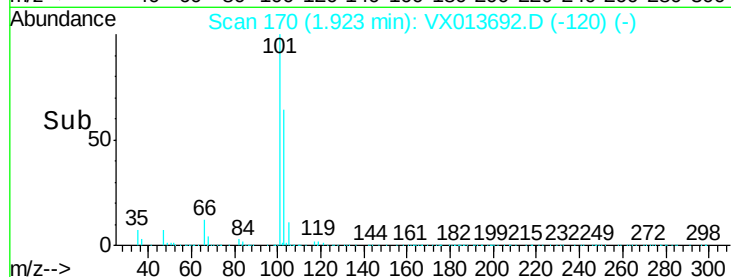
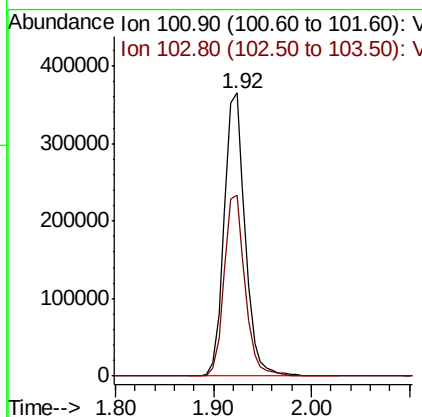
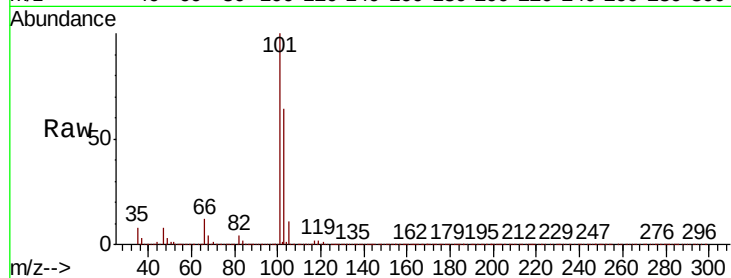
Trichlorofluoromethane
Concen: 47.003 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.6

Manual Integrations
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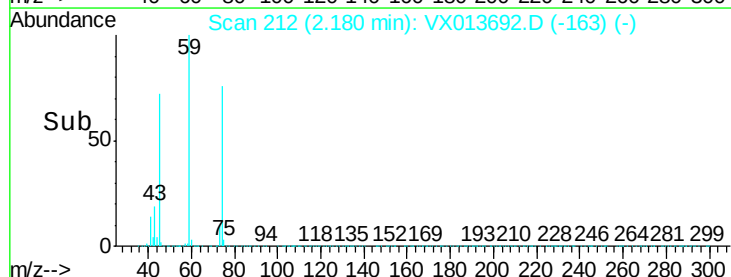
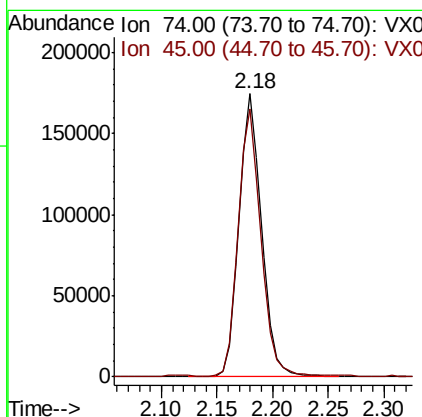
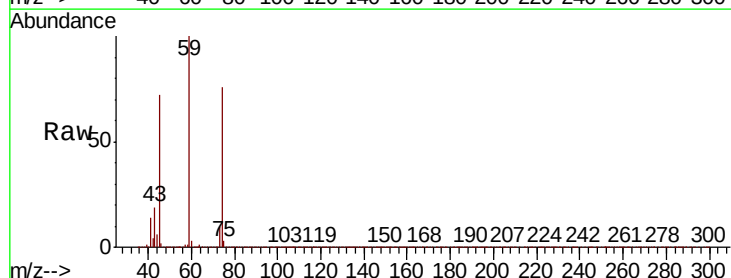
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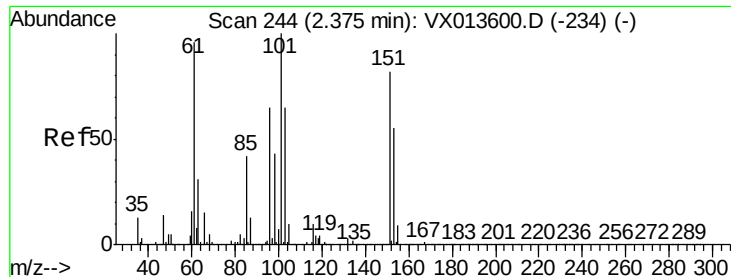


#8

Diethyl Ether
Concen: 46.965 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.291 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

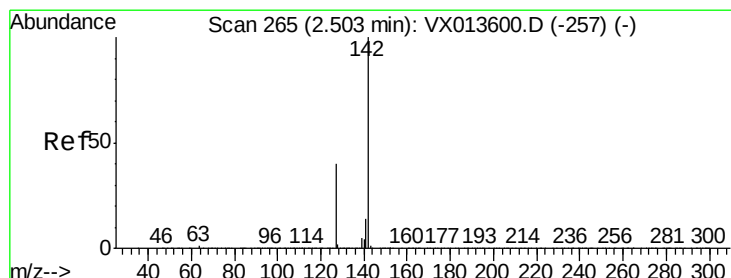
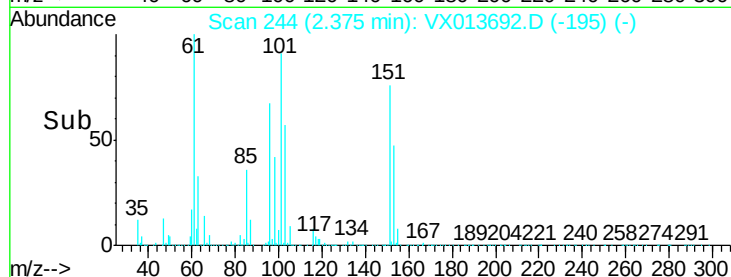
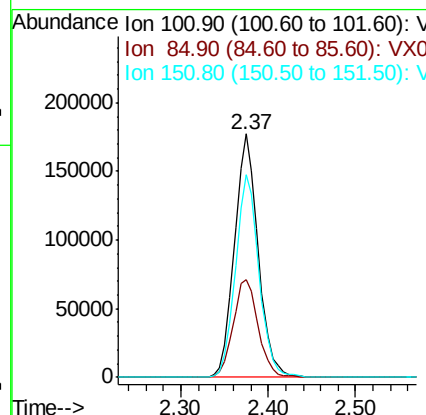
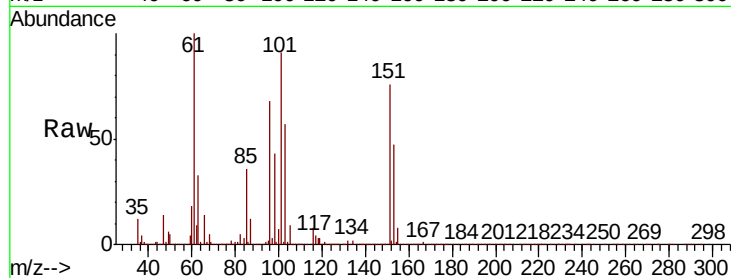
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	332665
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.9	50.9
151	83.0	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 44.791 ug/l

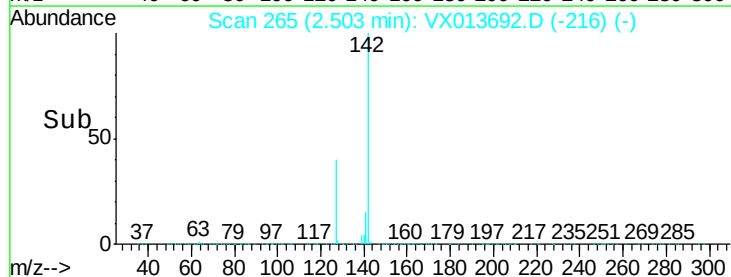
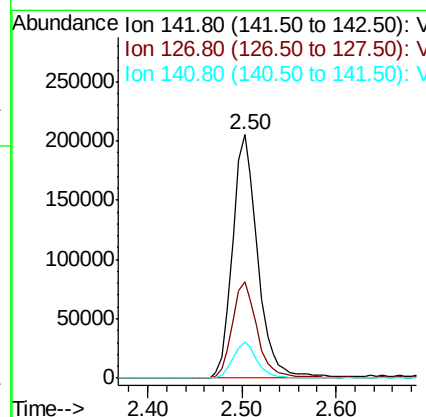
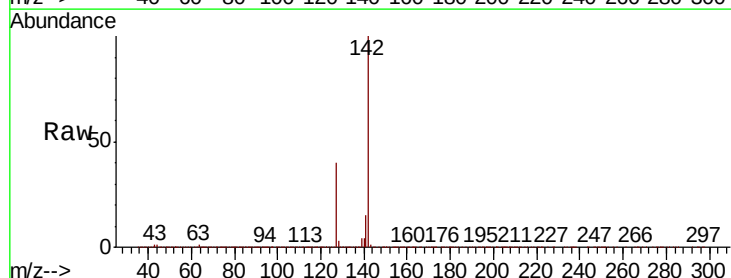
RT: 2.50 min Scan# 265

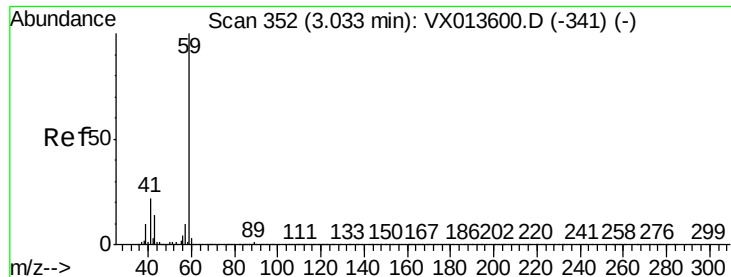
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	142	Resp:	381138
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.0	46.4
141	14.1	11.6	17.4





#11

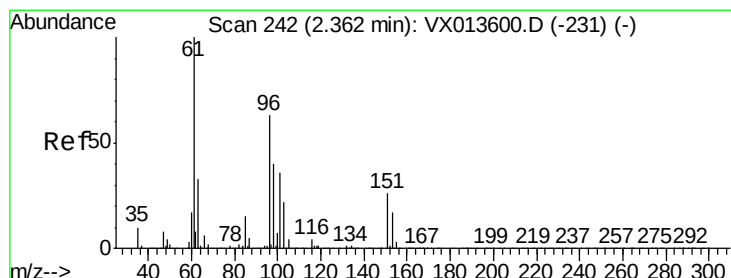
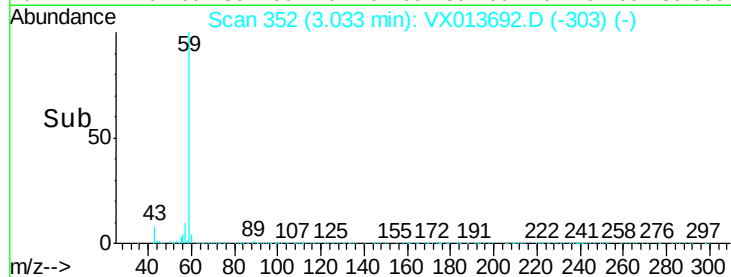
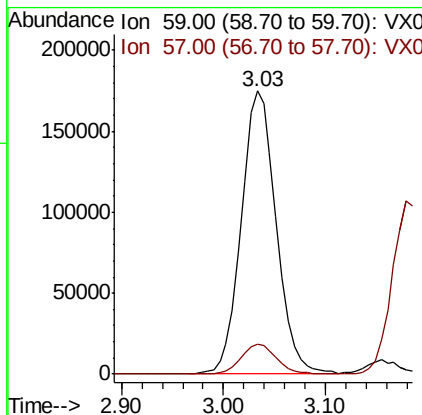
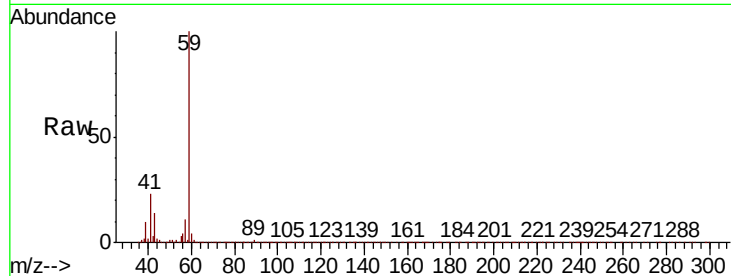
Tert butyl alcohol
Concen: 195.353 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.8	11.6

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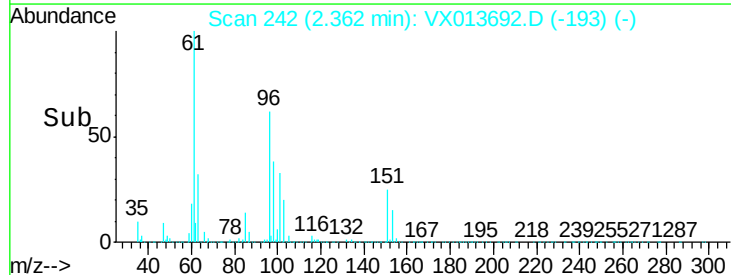
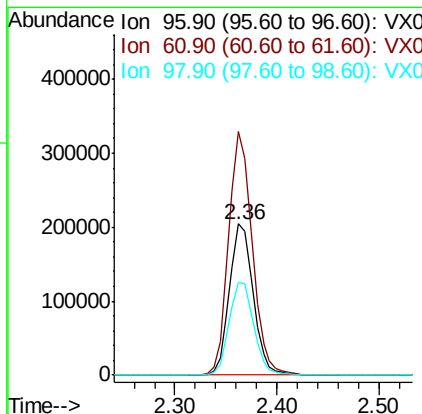
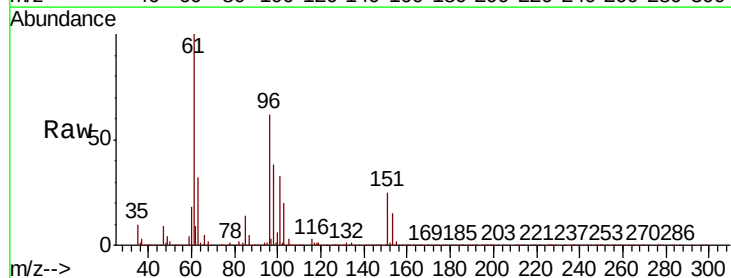
apatel
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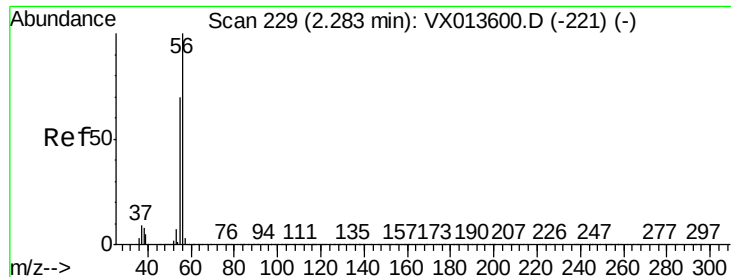


#12

1,1-Dichloroethene
Concen: 46.766 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	126.6	190.0
98	61.5	50.6	76.0





#13

Acrolein

Concen: 216.883 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 305470

Ion Ratio Lower Upper

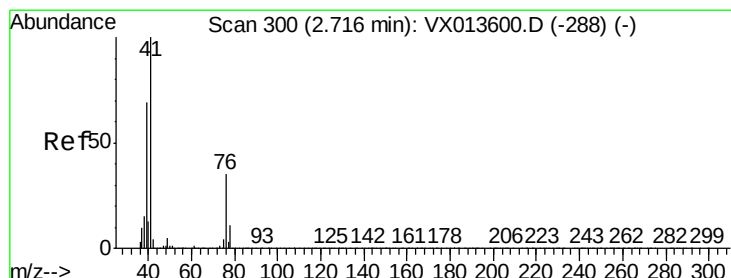
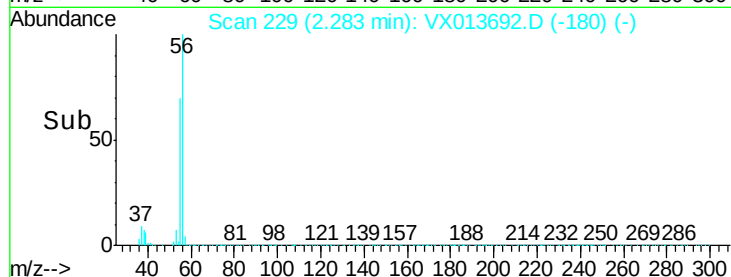
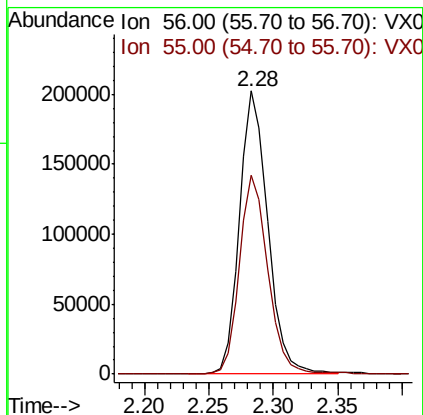
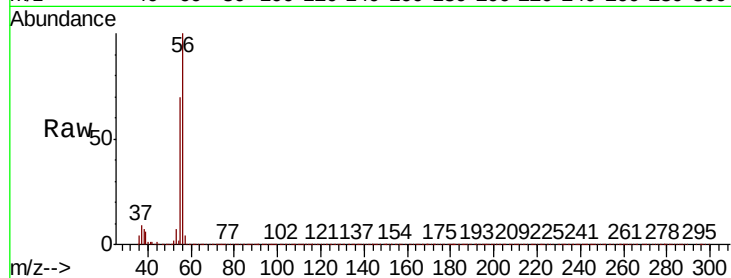
56 100

55 70.5 56.2 84.4

Manual Integrations
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#14

Allyl chloride

Concen: 46.652 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

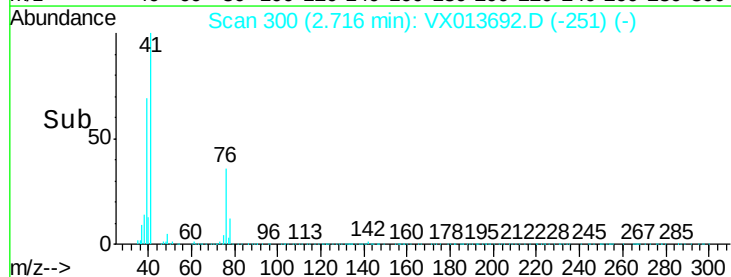
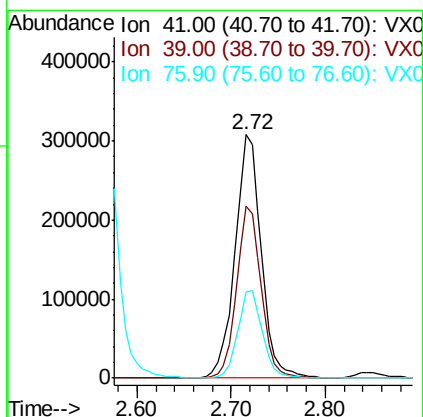
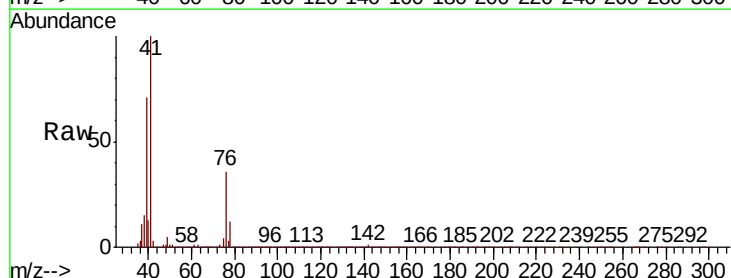
Tgt Ion: 41 Resp: 594456

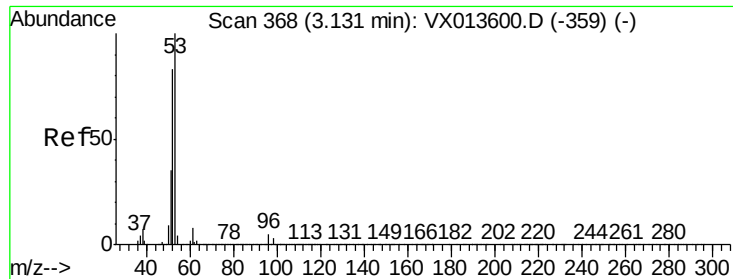
Ion Ratio Lower Upper

41 100

39 66.3 51.7 77.5

76 33.4 25.9 38.9





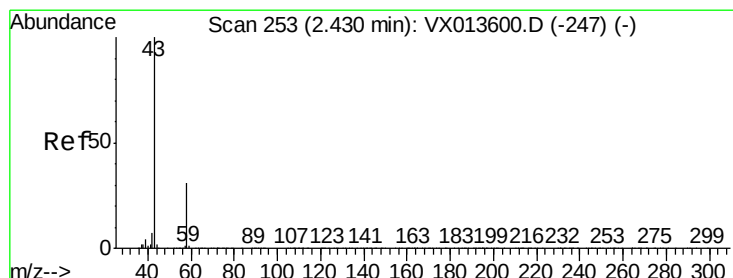
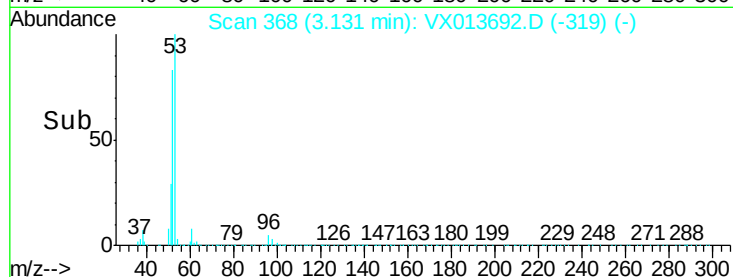
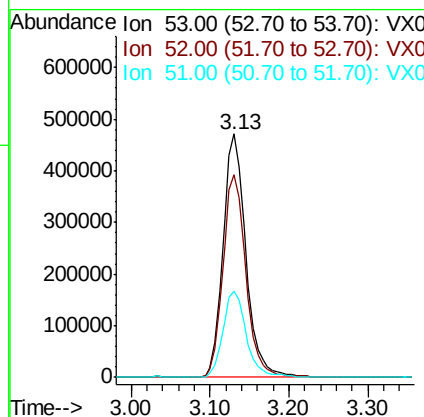
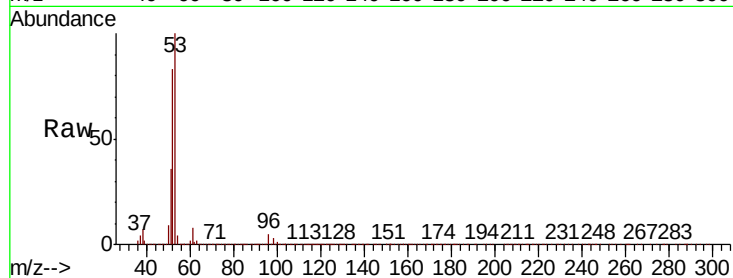
#15
 Acrylonitrile
 Concen: 217.711 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	950007
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.2	99.2
51	36.4	29.0	43.6

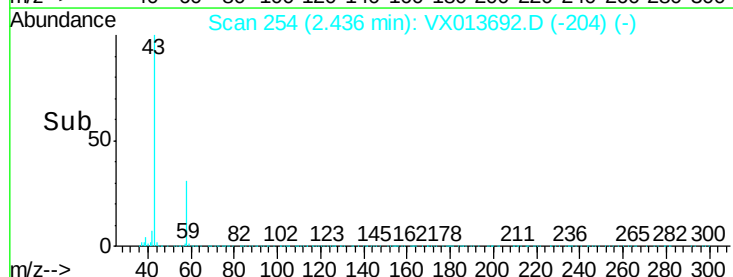
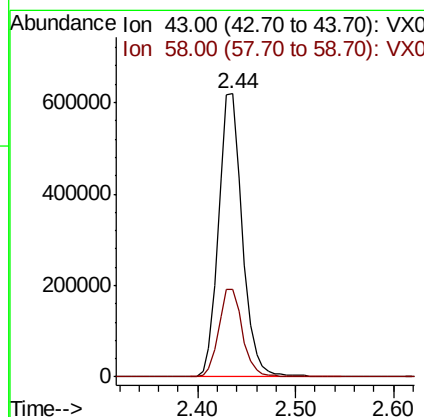
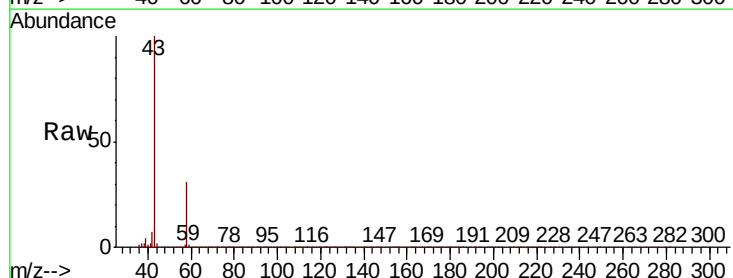
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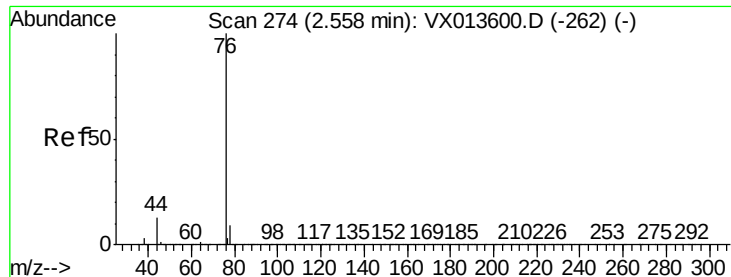
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#16
 Acetone
 Concen: 245.523 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion:	43	Resp:	1038158
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.6	36.8





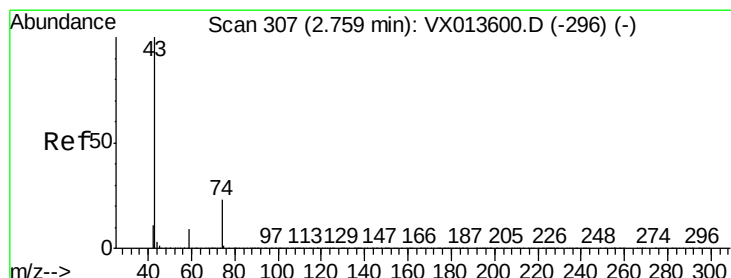
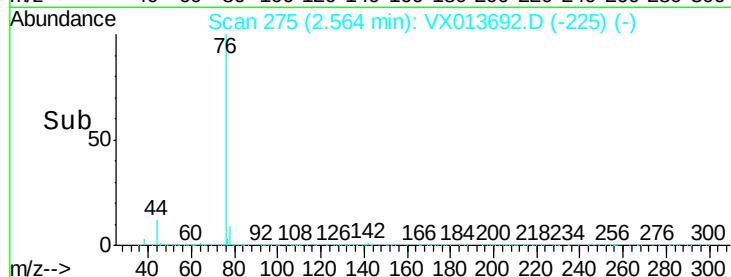
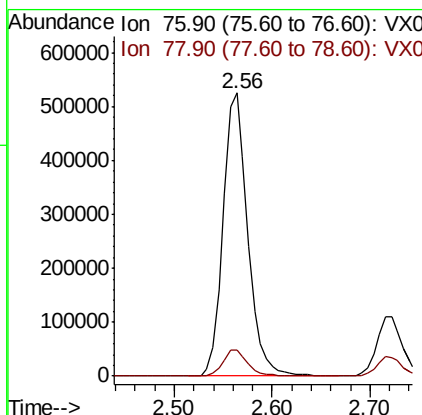
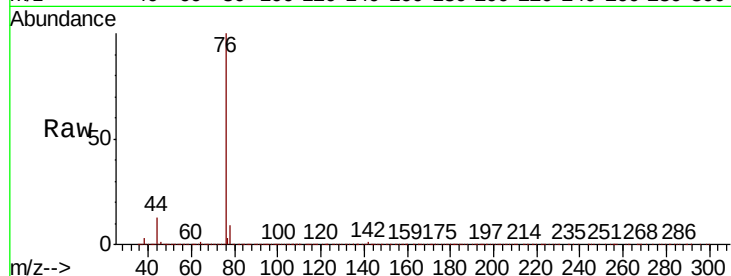
#17
Carbon Disulfide
Concen: 45.696 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

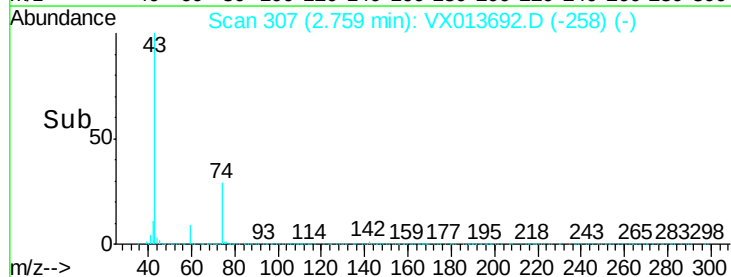
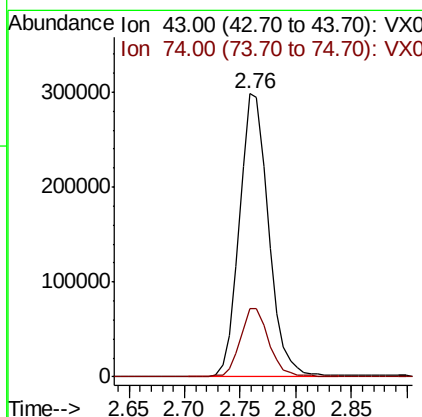
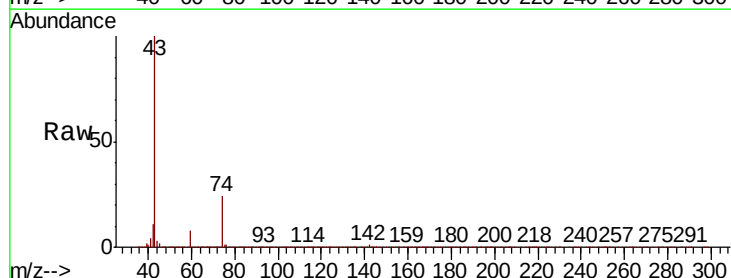
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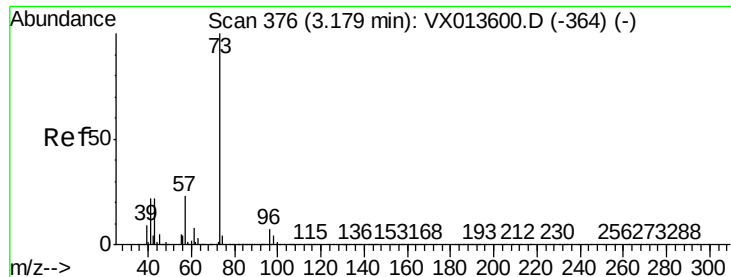
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#18
Methyl Acetate
Concen: 46.000 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.5	29.3





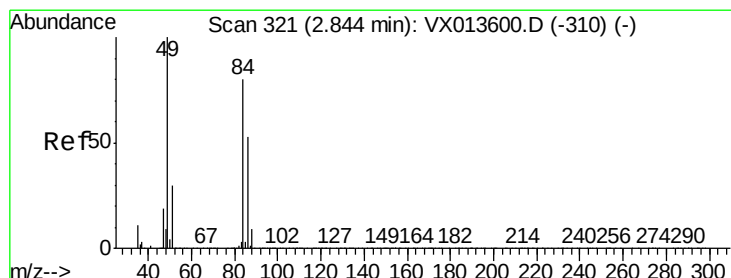
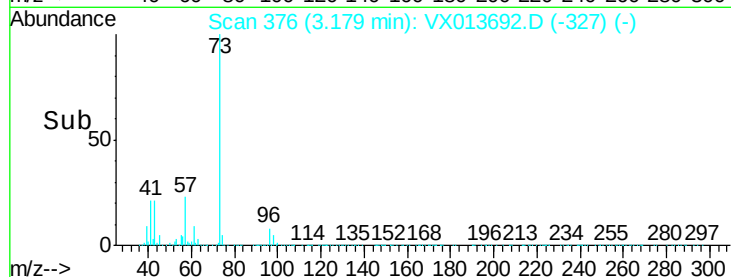
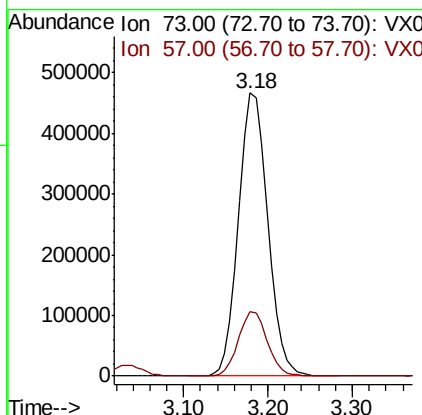
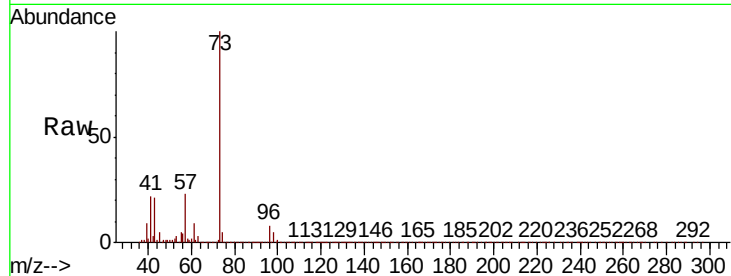
#19
Methyl tert-butyl Ether
Concen: 47.126 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion: 73 Resp: 1096188
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

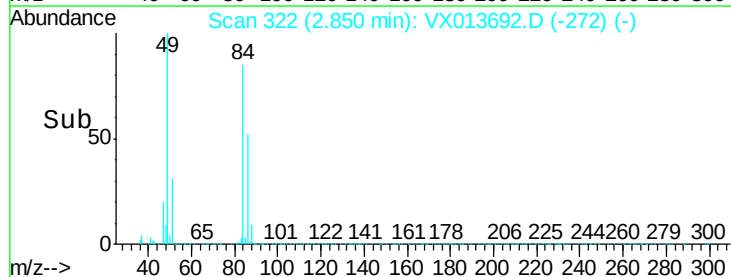
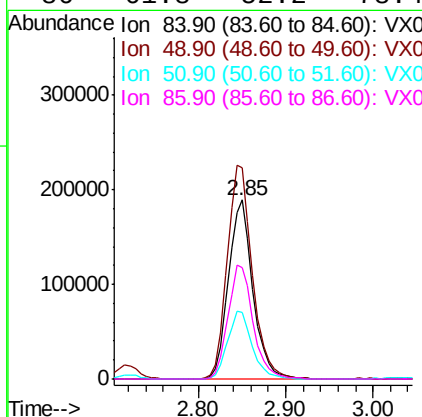
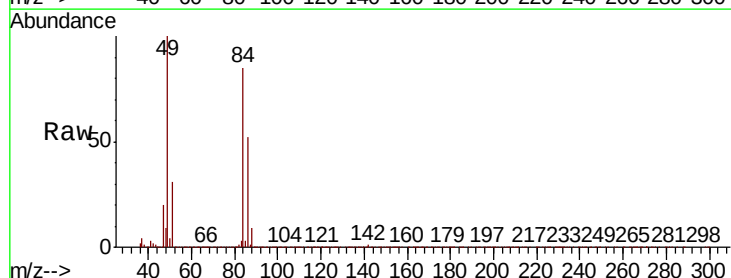
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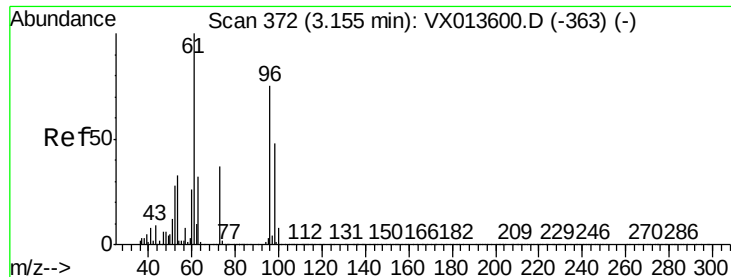
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#20
Methylene Chloride
Concen: 45.326 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 84 Resp: 368203
Ion Ratio Lower Upper
84 100
49 118.1 99.7 149.5
51 37.1 29.9 44.9
86 61.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.809 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

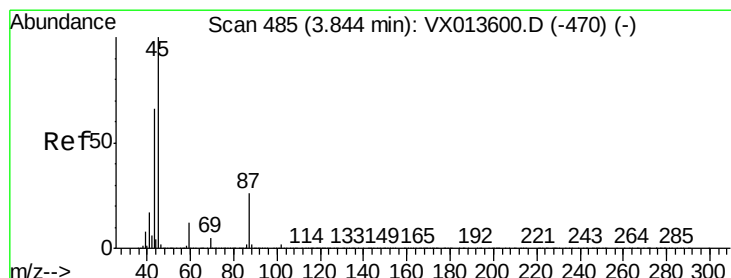
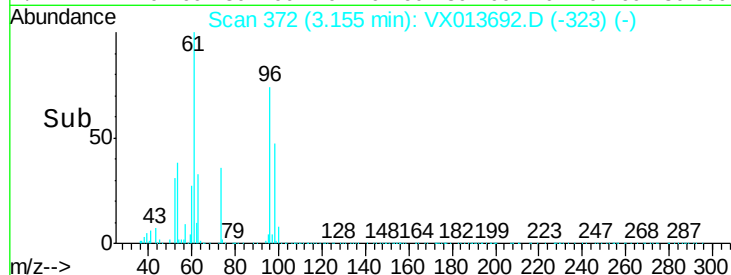
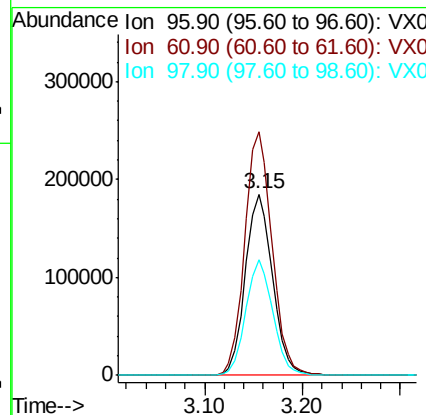
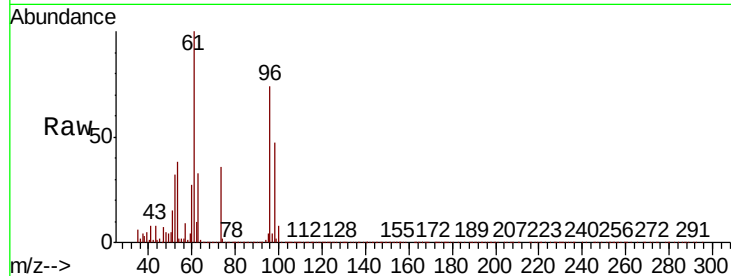
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	358052
Ion	Ratio	Lower	Upper
96	100		
61	134.1	107.2	160.8
98	63.6	51.4	77.0

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#22

Diisopropyl ether

Concen: 47.631 ug/l

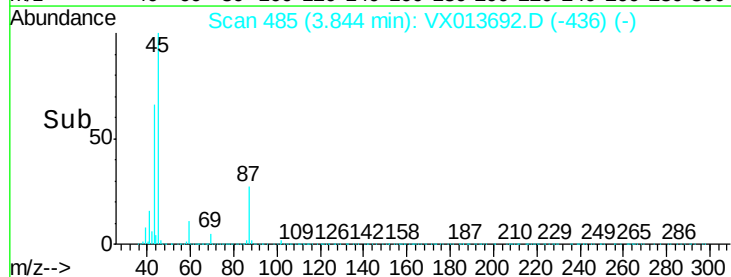
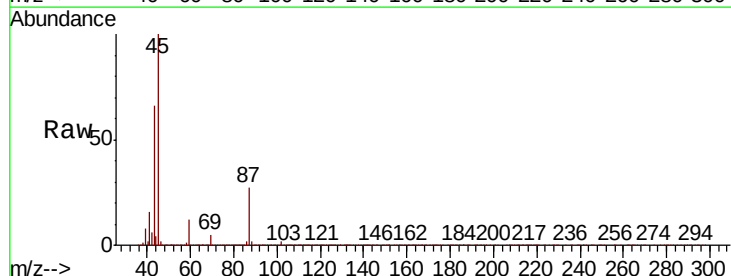
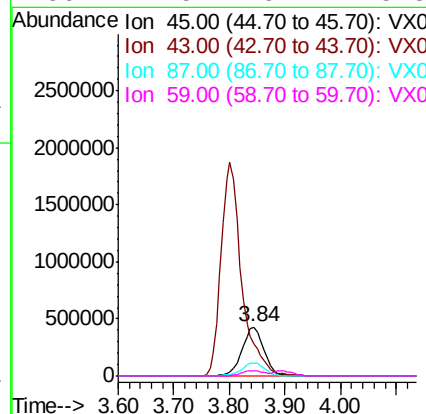
RT: 3.84 min Scan# 485

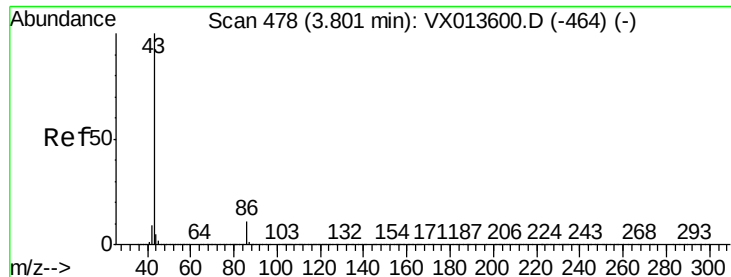
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	45	Resp:	1168667
Ion	Ratio	Lower	Upper
45	100		
43	65.8	52.6	79.0
87	27.3	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 236.896 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tot Ion: 43 Resp: 4835372

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

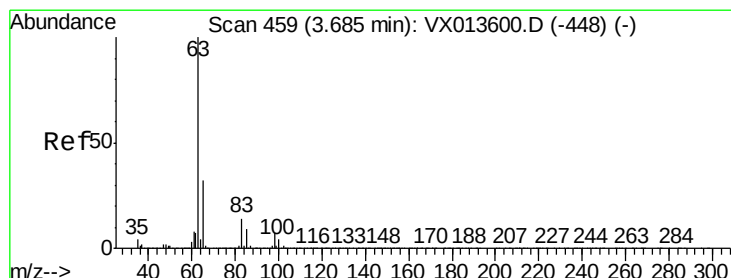
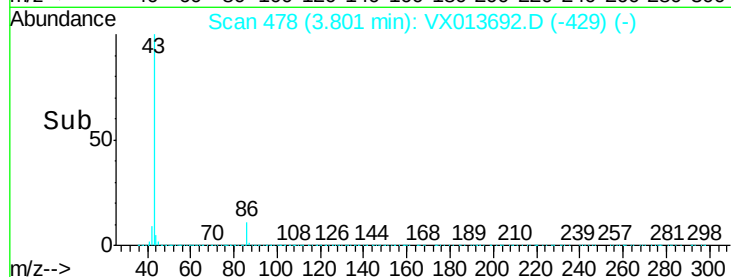
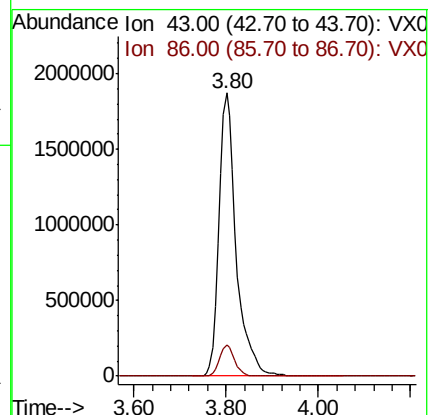
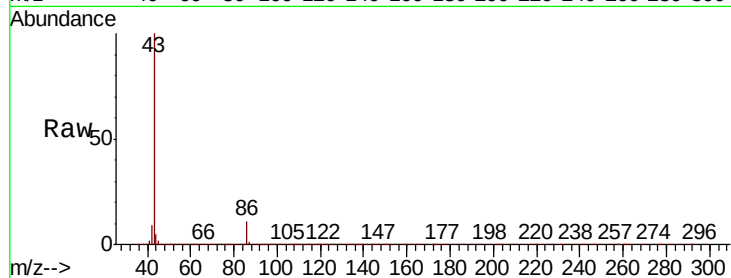
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 47.509 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

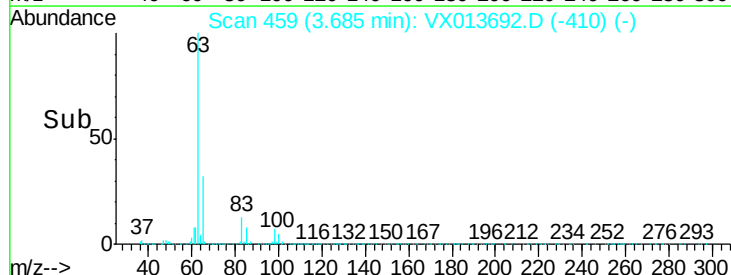
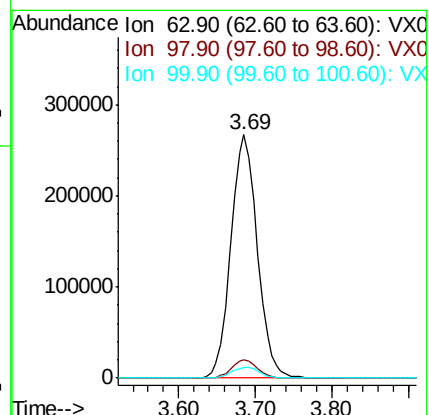
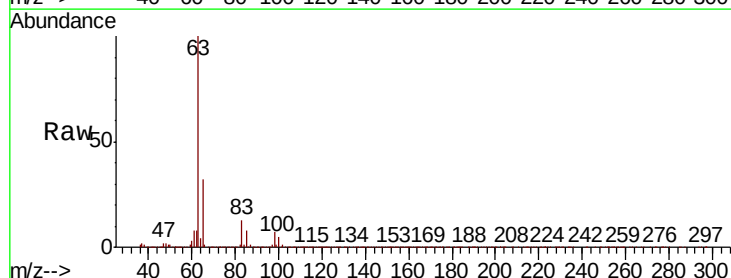
Tgt Ion: 63 Resp: 637235

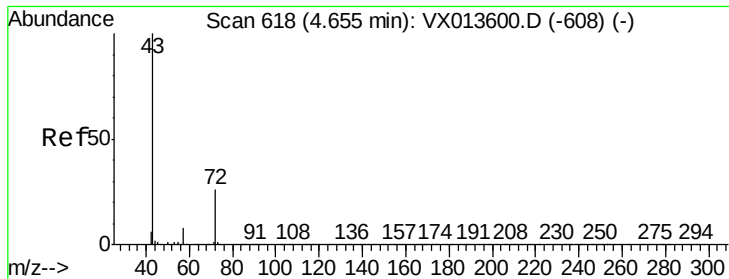
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 231.559 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1455150

Ion Ratio Lower Upper

43 100

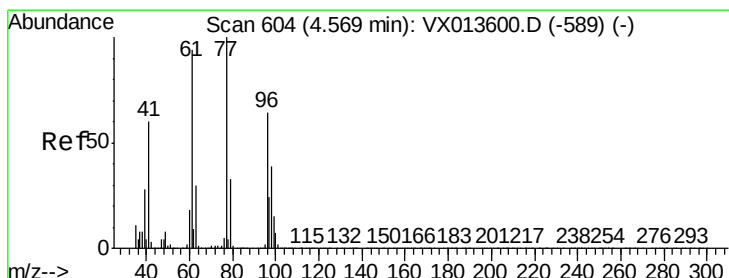
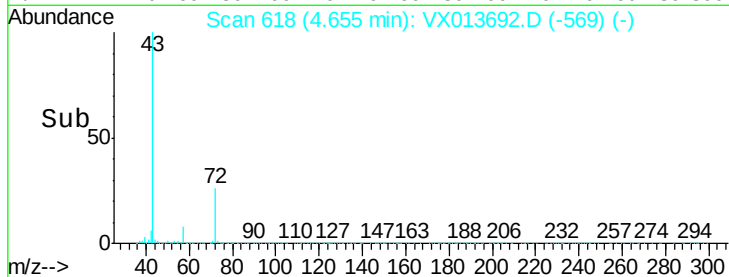
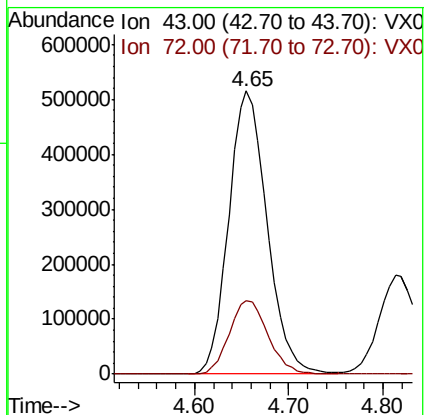
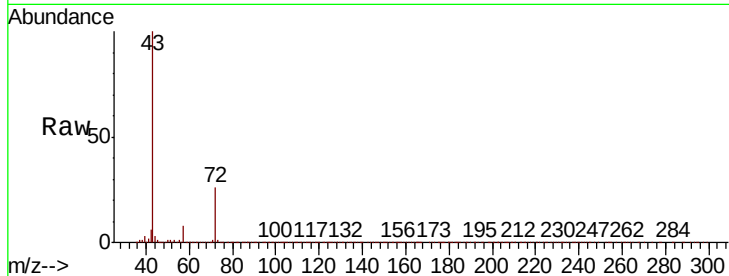
72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 47.675 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013692.D

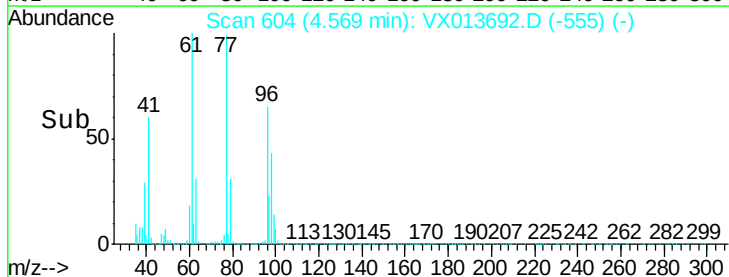
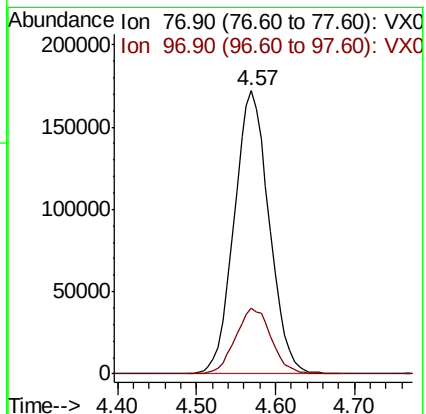
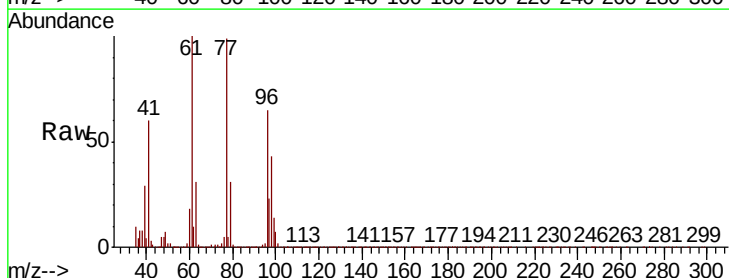
Acq: 29 Nov 2019 10:47

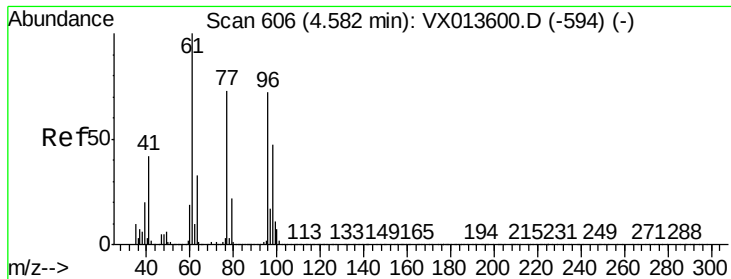
Tgt Ion: 77 Resp: 529076

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

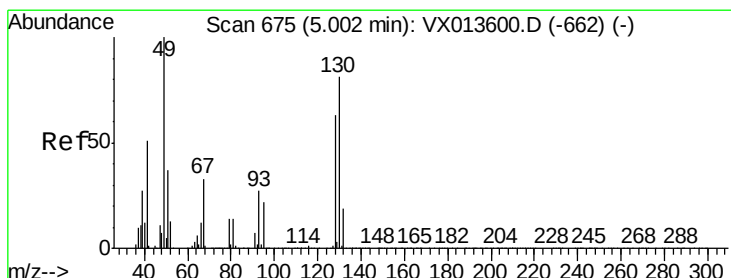
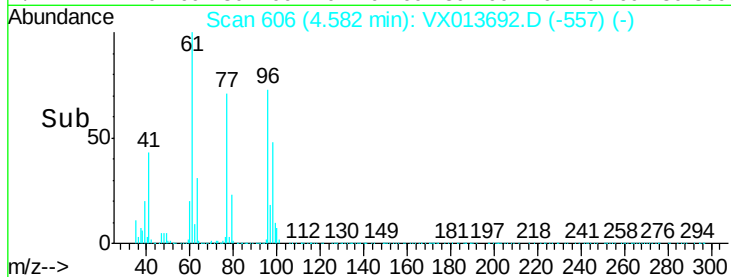
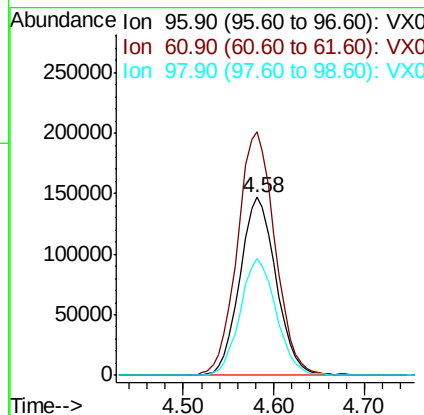
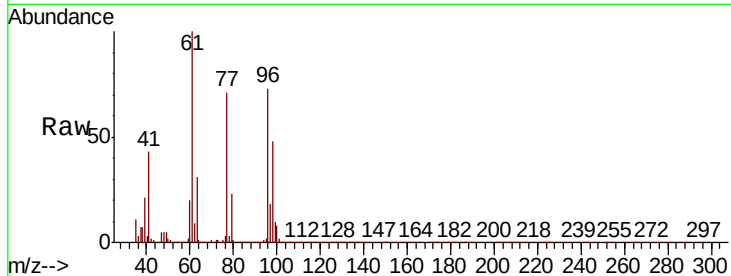
cis-1,2-Dichloroethene
Concen: 46.419 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	286.4
98	65.1	0.0	127.4

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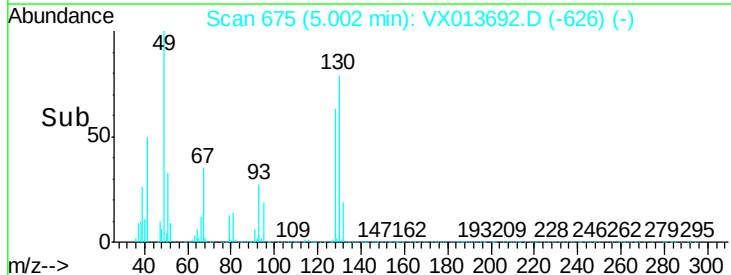
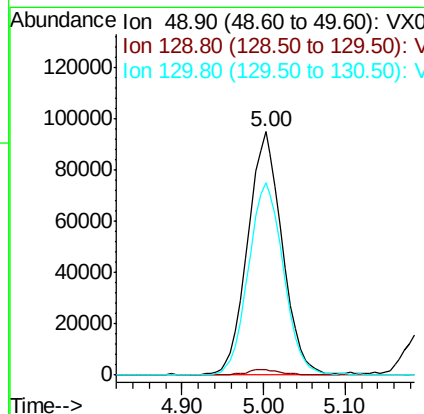
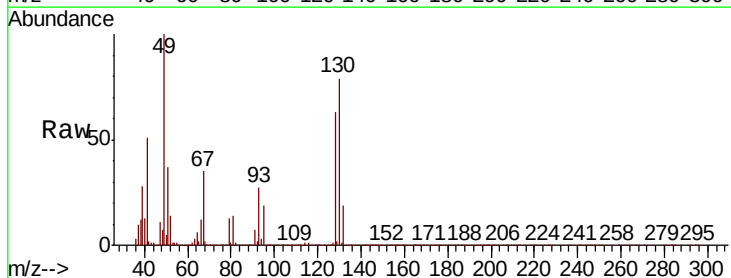
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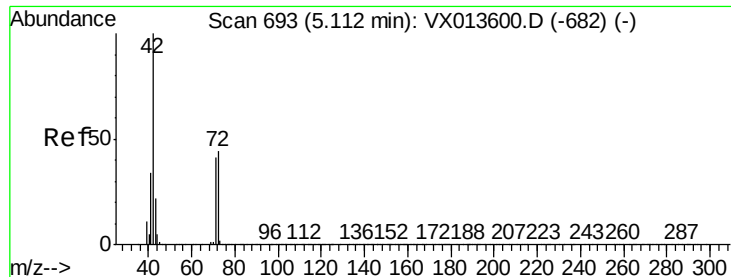


#28

Bromochloromethane
Concen: 52.495 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.9	65.4	98.0





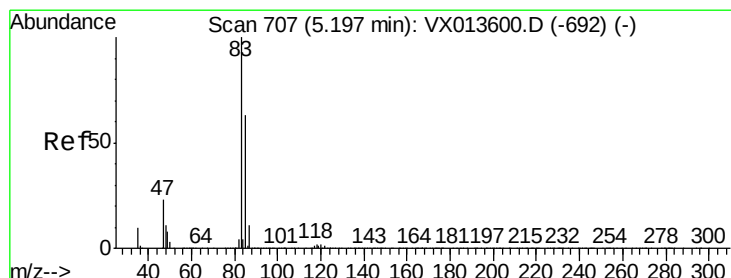
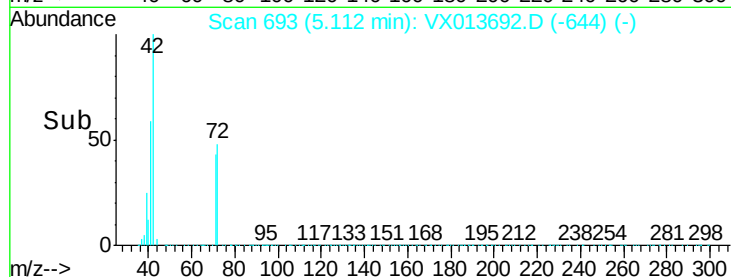
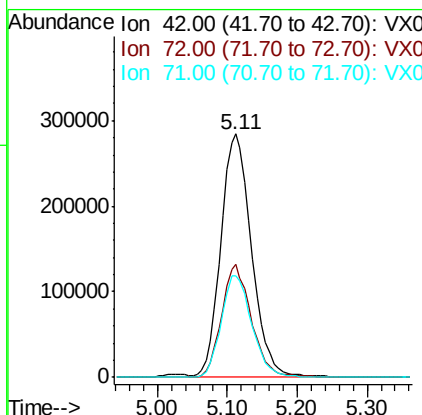
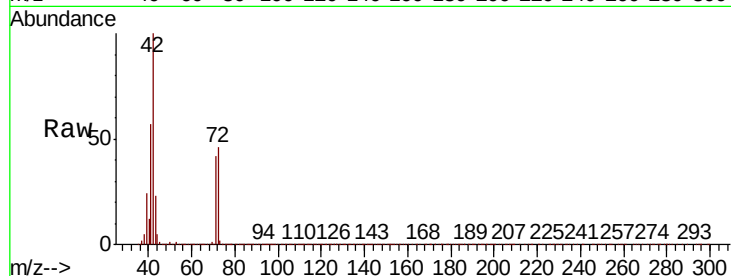
#29
Tetrahydrofuran
Concen: 222.128 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	860518
Ion Ratio		Lower	Upper
42	100		
72	45.4	36.3	54.5
71	41.9	33.2	49.8

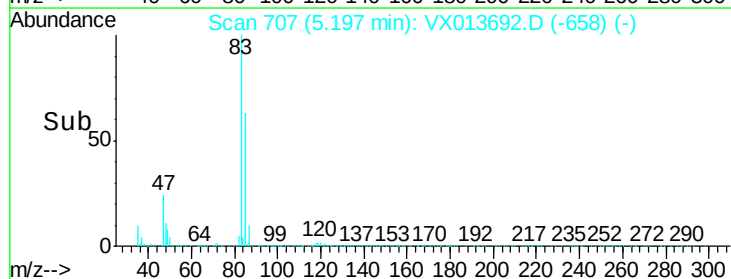
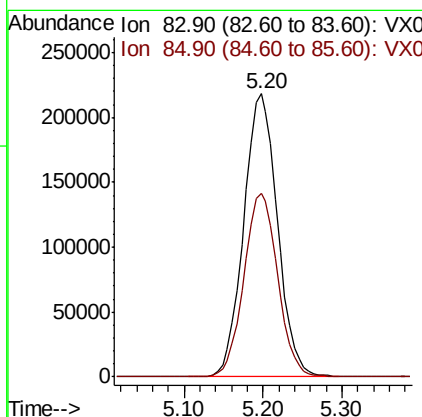
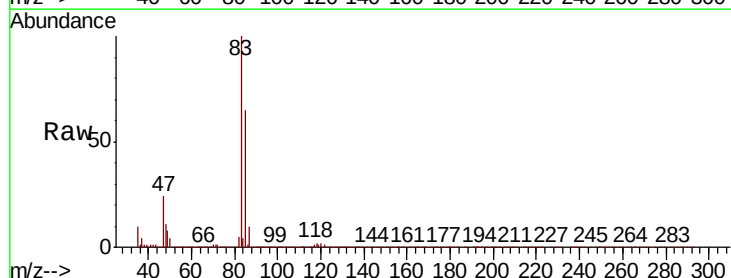
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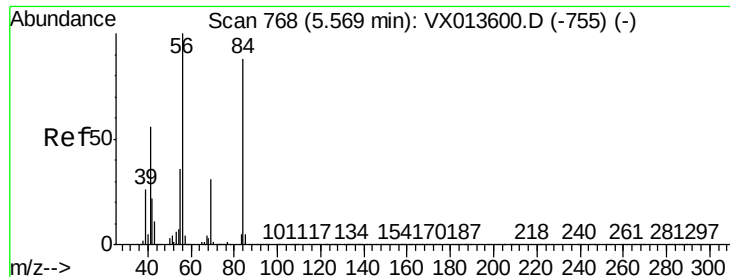
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#30
Chloroform
Concen: 47.660 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion:	83	Resp:	648319
Ion Ratio		Lower	Upper
83	100		
85	64.8	50.2	75.4





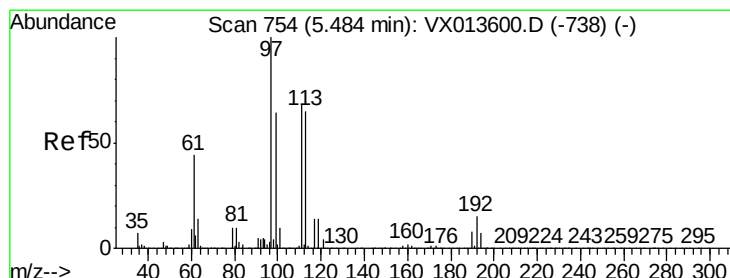
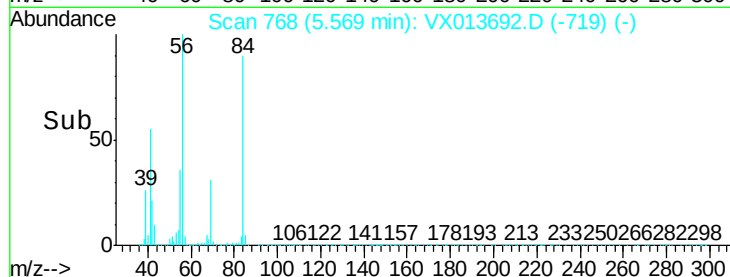
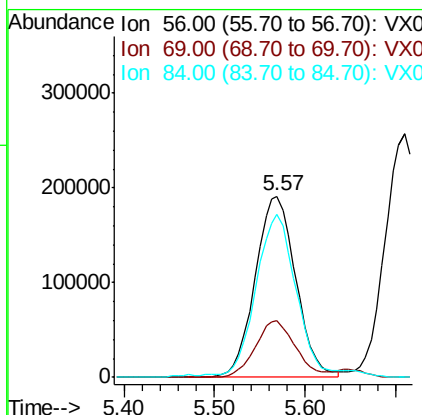
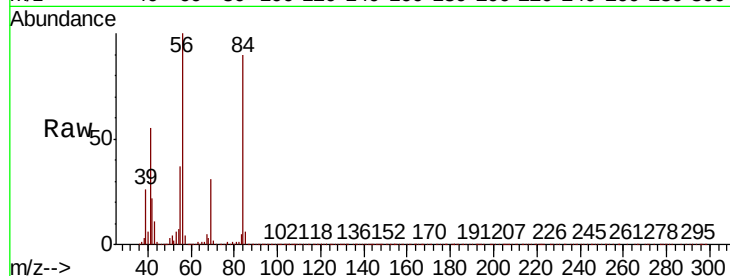
#31
Cyclohexane
Concen: 46.648 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	88.5	70.0	105.0

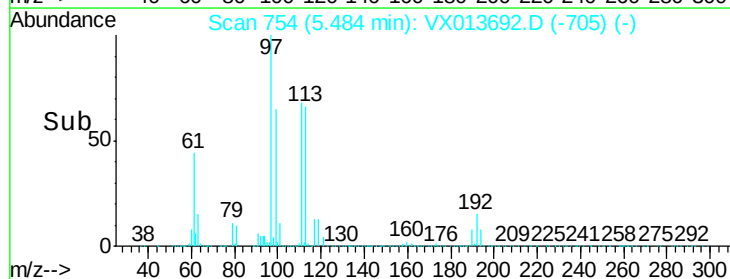
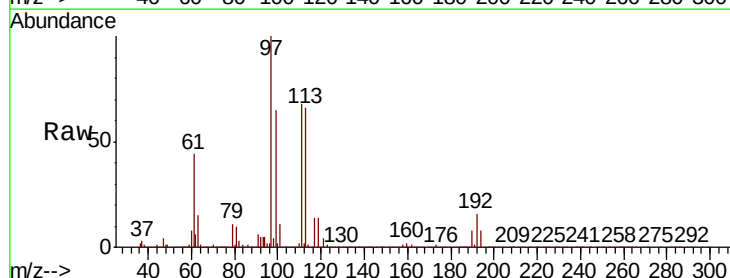
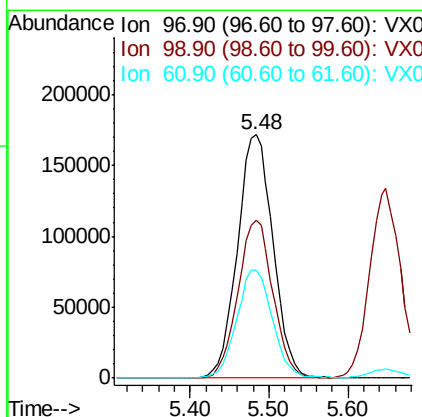
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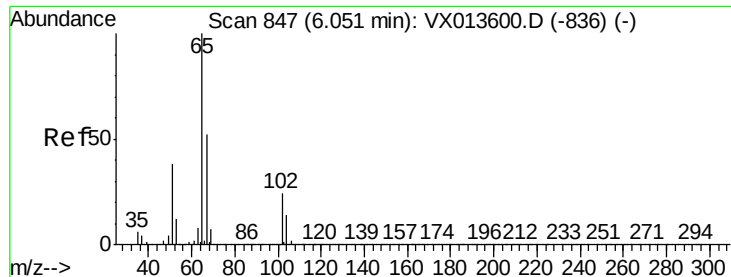
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#32
1,1,1-Trichloroethane
Concen: 47.108 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	44.6	36.1	54.1





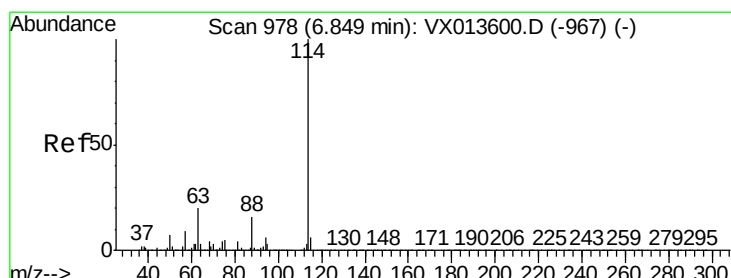
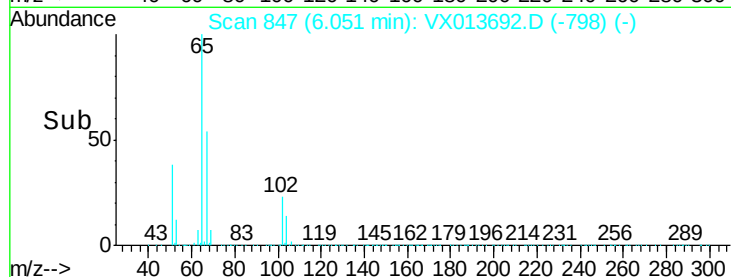
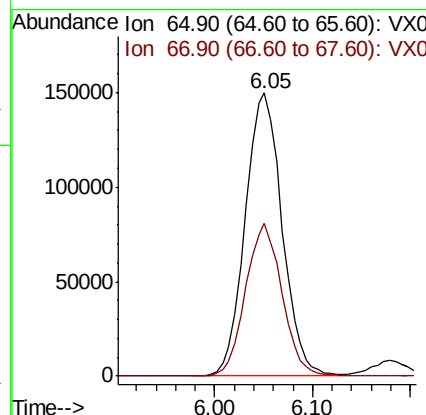
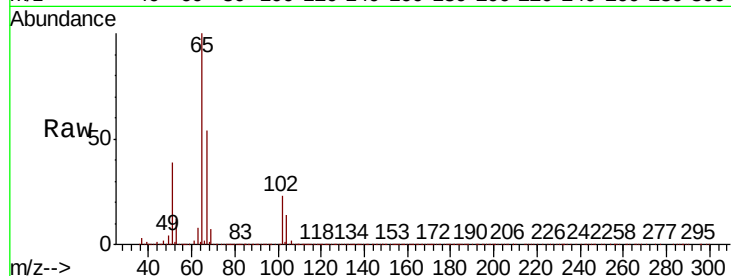
#33
 1,2-Dichloroethane-d4
 Concen: 45.699 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4

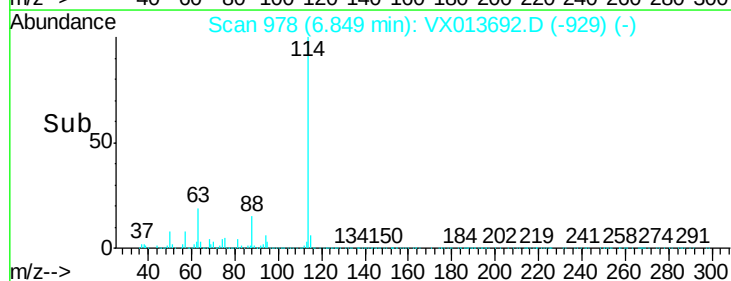
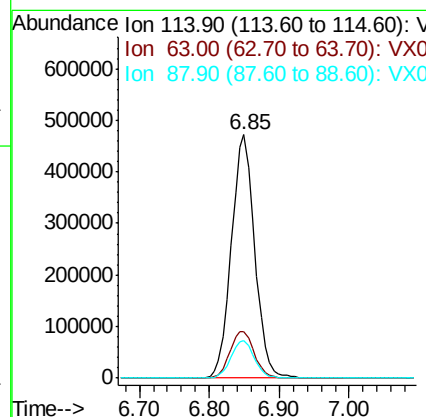
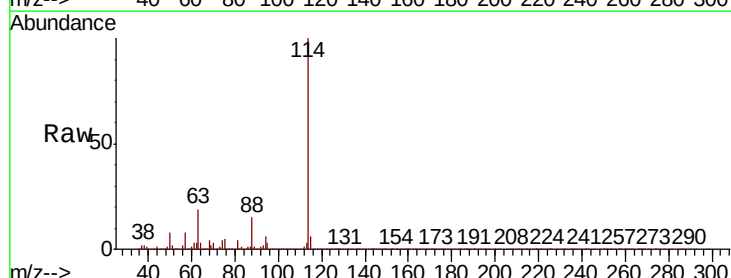
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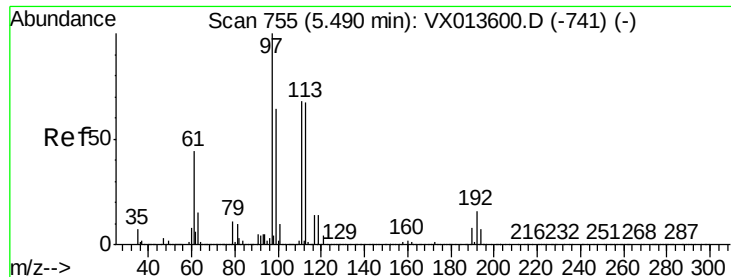
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.2	0.0	31.4





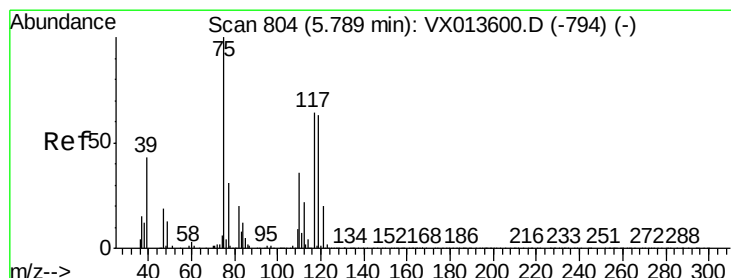
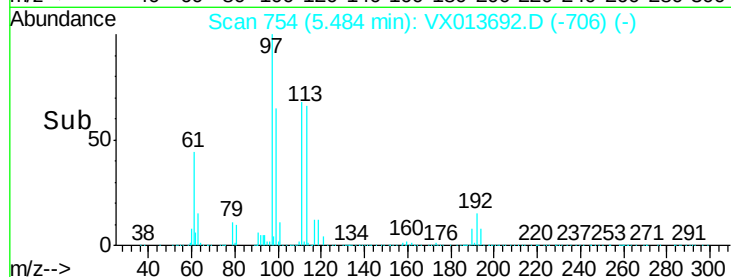
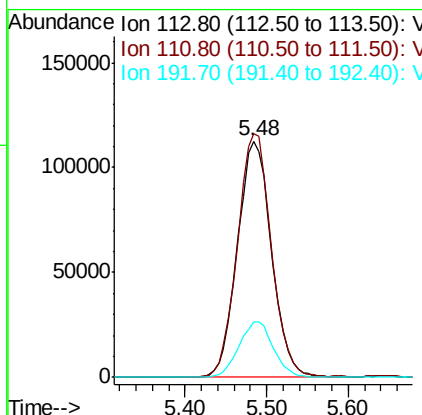
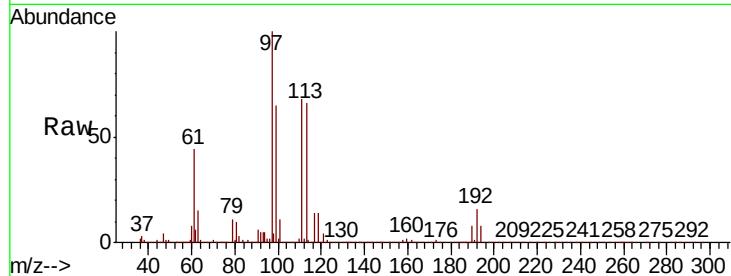
#35
Dibromofluoromethane
Concen: 48.067 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	324885		
111	102.6	83.6	125.4	
192	23.9	19.2	28.8	

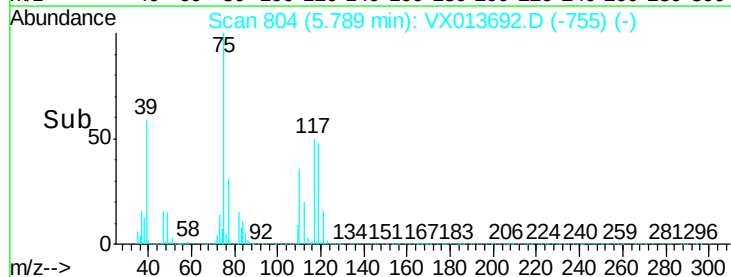
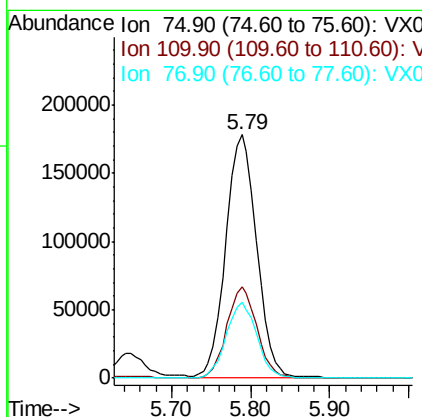
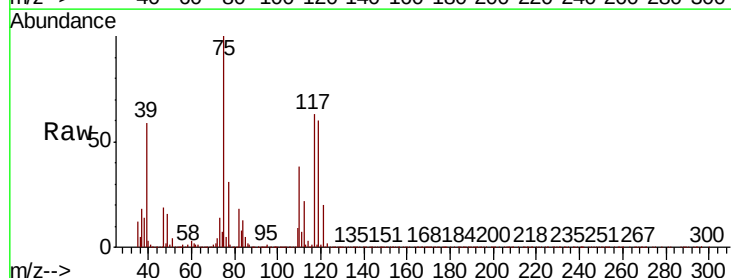
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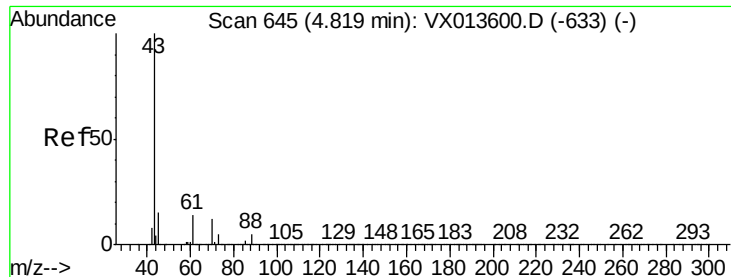
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#36
1,1-Dichloropropene
Concen: 48.706 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	483380		
110	36.7	18.1	54.1	
77	30.7	24.5	36.7	





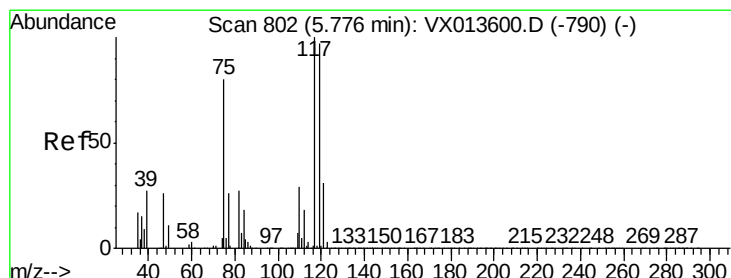
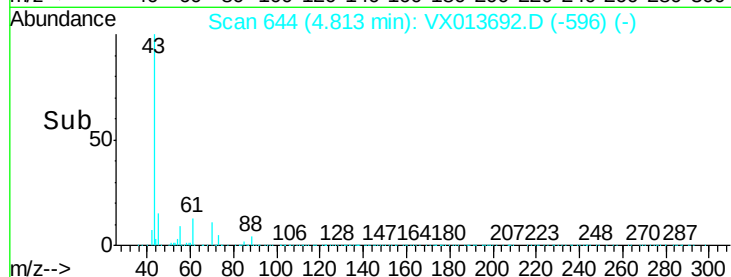
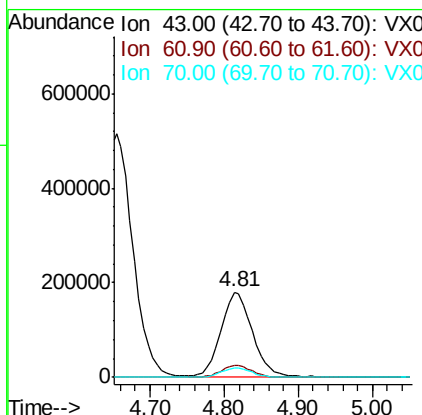
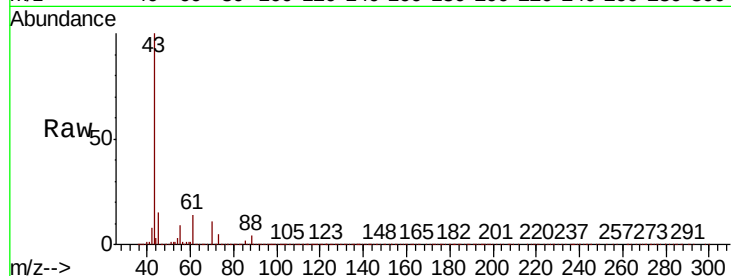
#37
Ethyl Acetate
Concen: 47.205 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.8	8.6	12.8

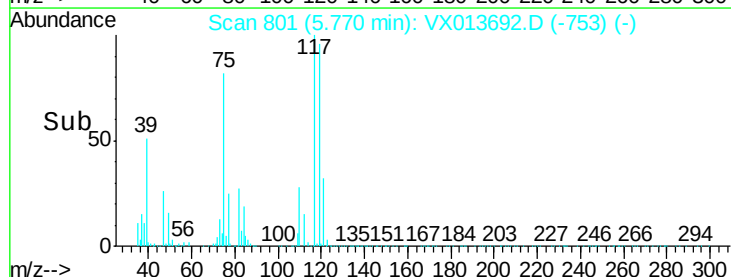
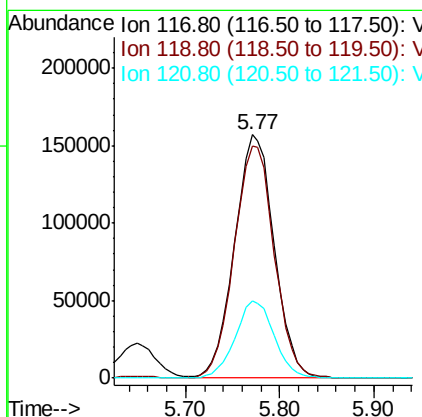
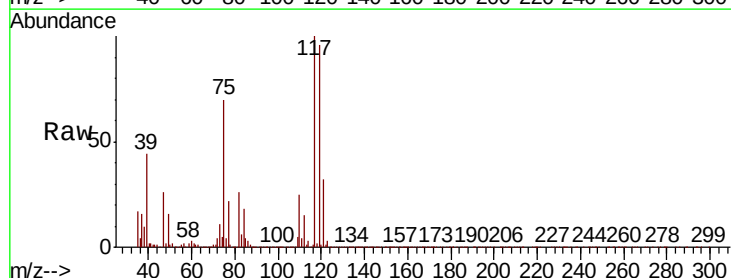
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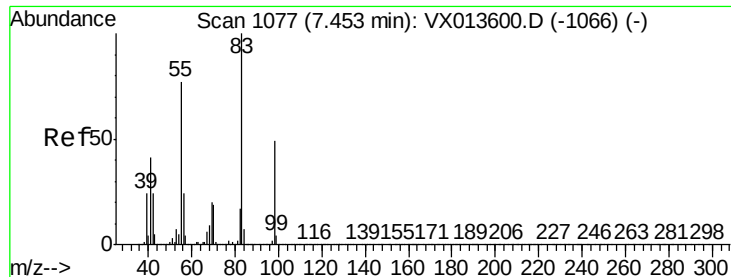
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#38
Carbon Tetrachloride
Concen: 50.215 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
121	31.7	25.0	37.6





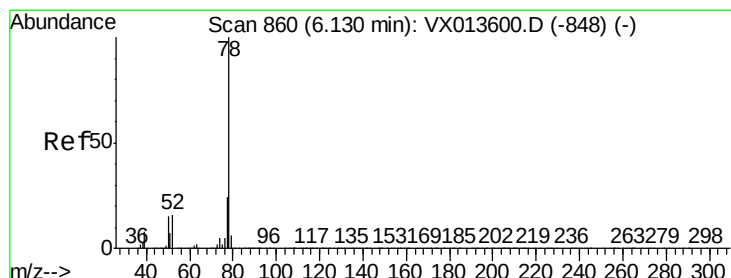
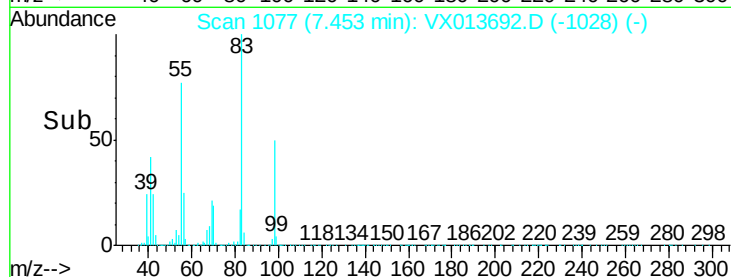
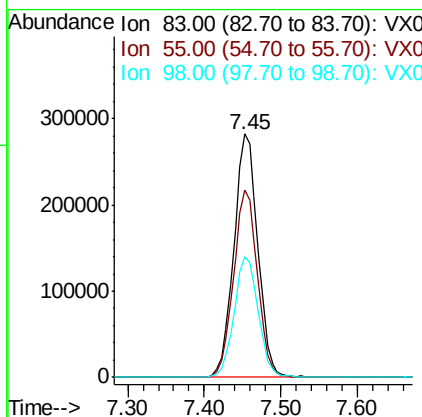
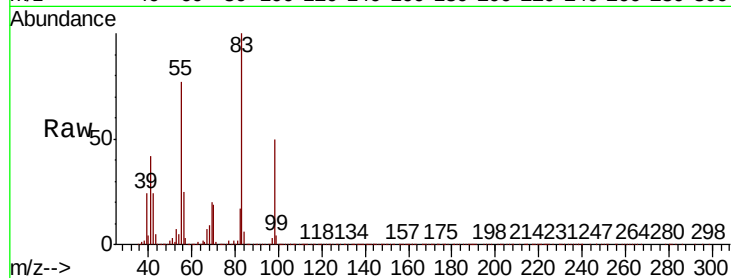
#39
Methvlcvclohexane
Concen: 49.644 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	49.8	39.4	59.0

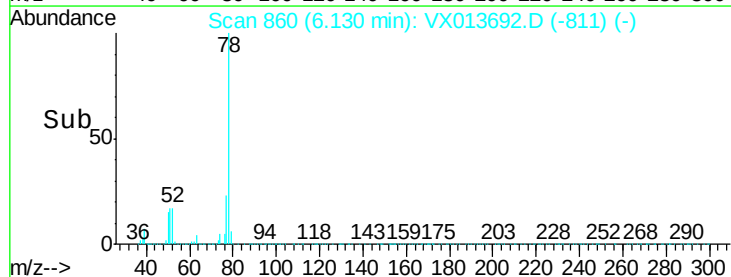
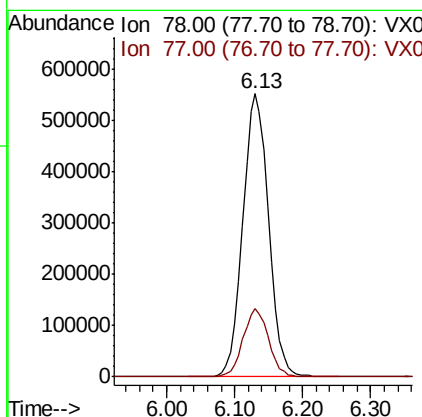
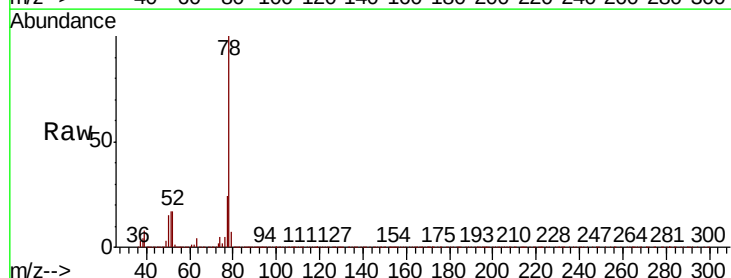
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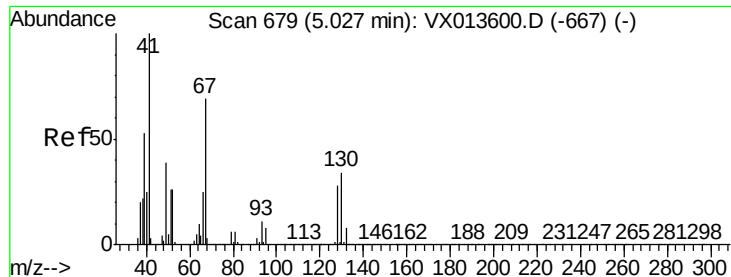
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#40
Benzene
Concen: 47.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





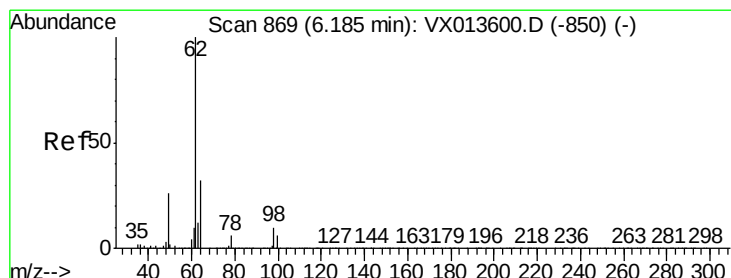
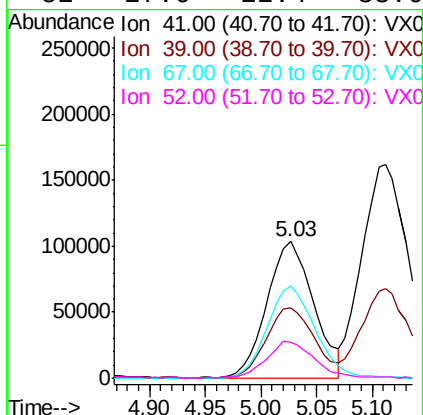
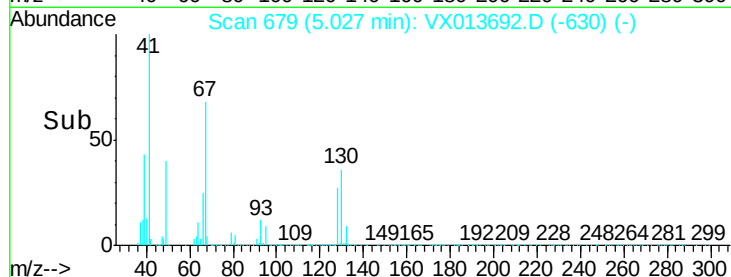
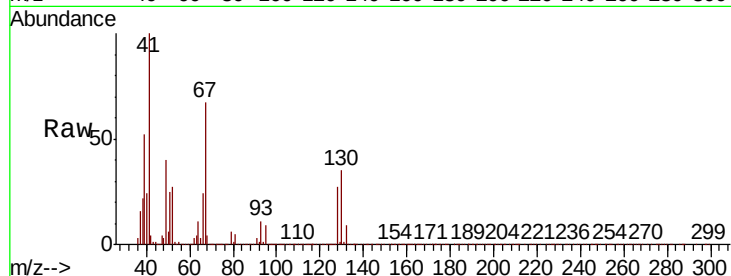
#41
Methacrylonitrile
Concen: 49.339 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
301260	41	100		
	39	53.4	42.9	64.3
	67	69.3	57.4	86.0
	52	27.6	22.4	33.6

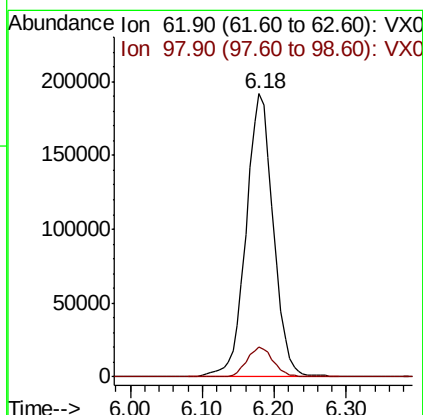
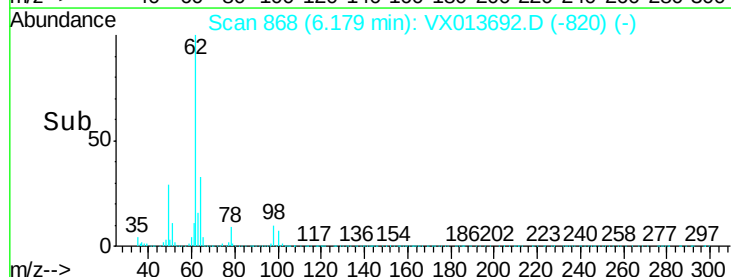
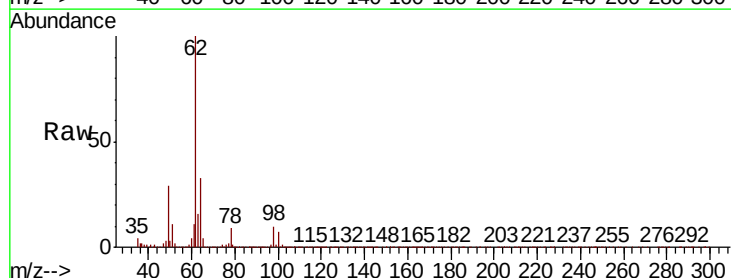
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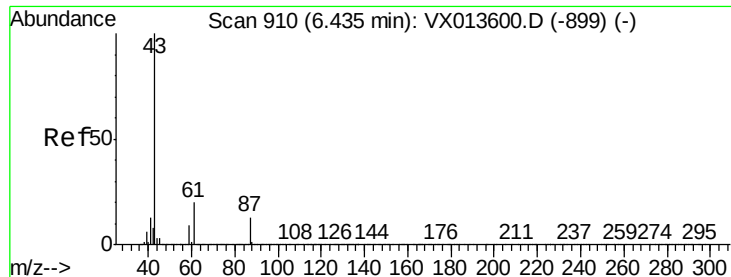
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#42
1,2-Dichloroethane
Concen: 48.496 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
499923	62	100		
	98	10.2	0.0	20.8





#43

Isopropyl Acetate

Concen: 47.322 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

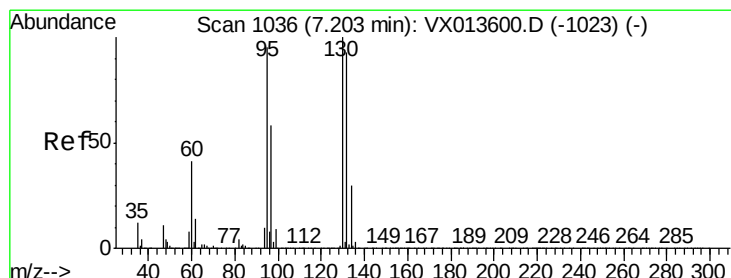
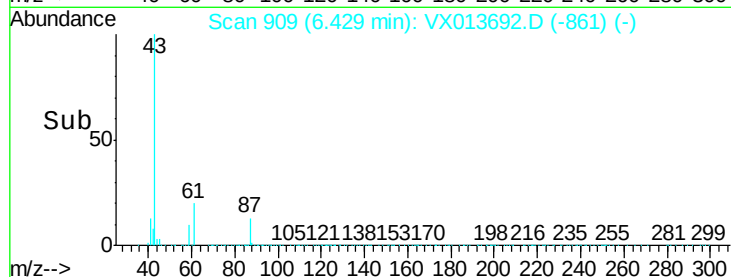
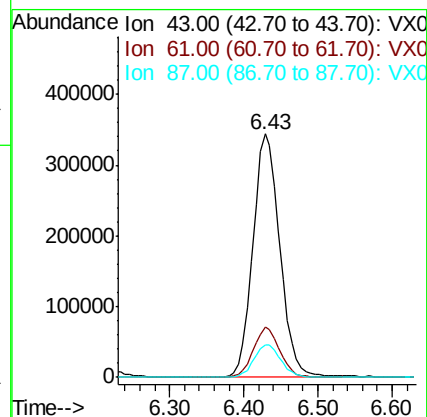
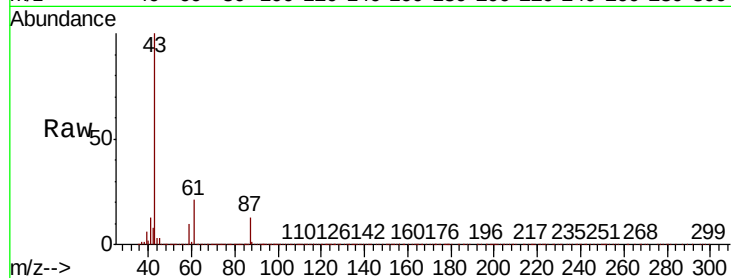
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	867398
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.3	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 48.222 ug/l

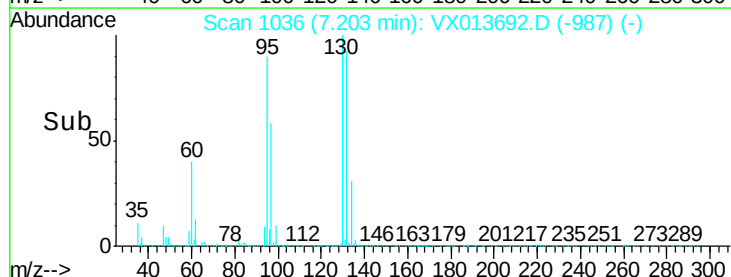
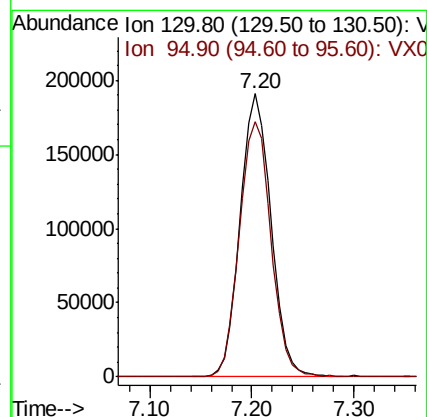
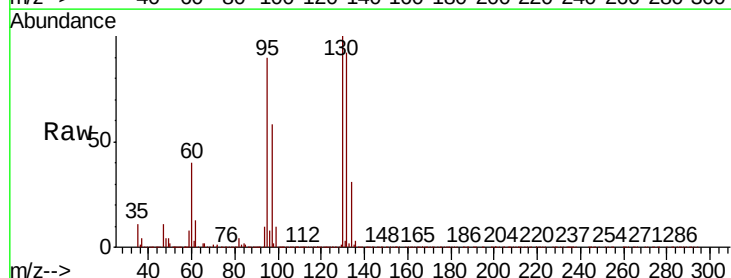
RT: 7.20 min Scan# 1036

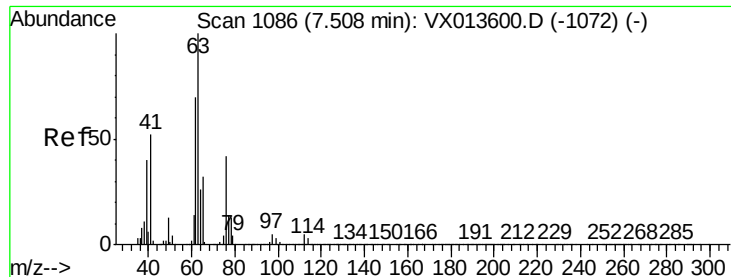
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	130	Resp:	400033
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	190.8





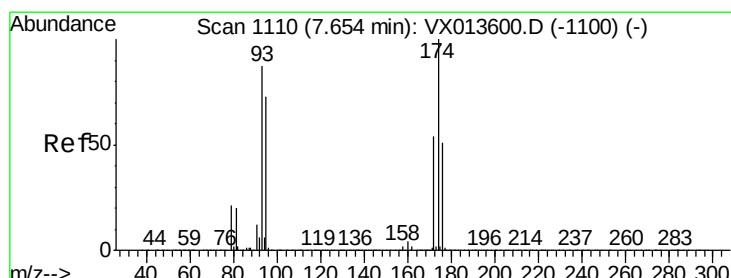
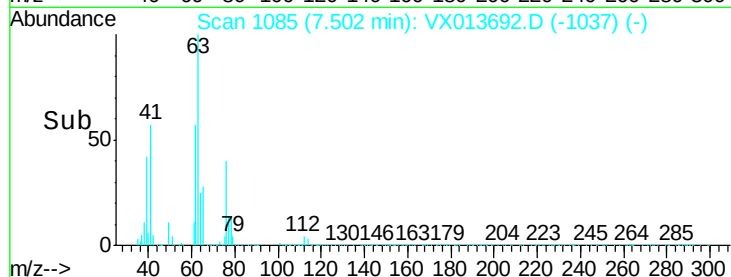
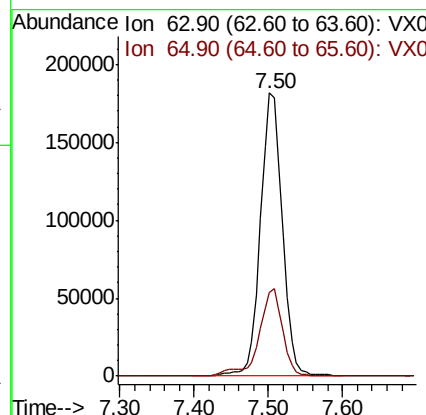
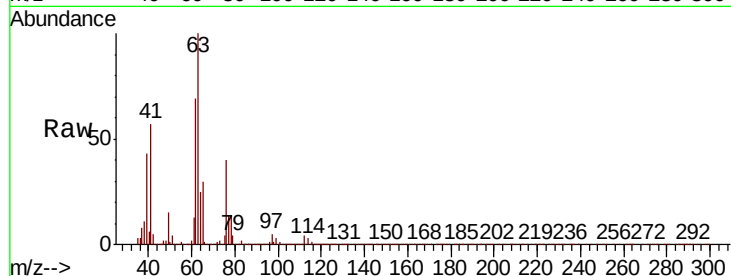
#45
 1,2-Dichloropropane
 Concen: 49.585 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	25.5	38.3

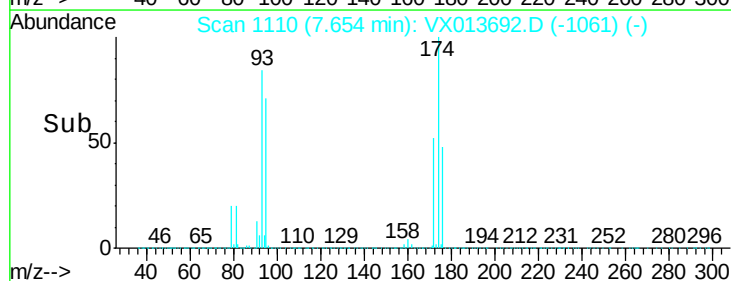
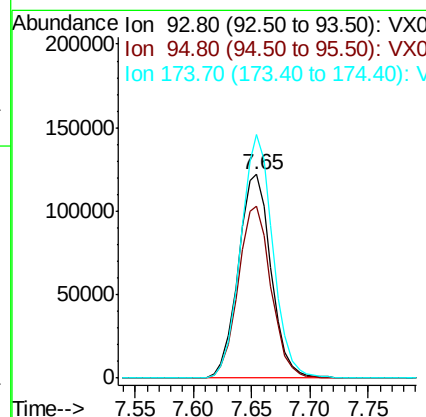
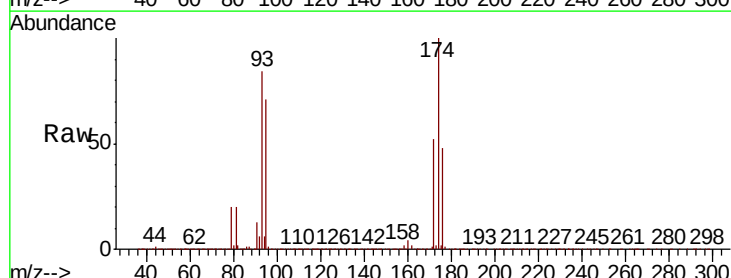
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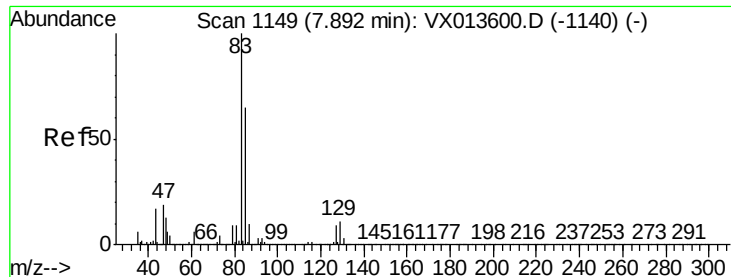
apatel
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#46
 Dibromomethane
 Concen: 46.893 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.2	99.2
174	116.8	93.4	140.0





#47

Bromodichloromethane

Concen: 51.214 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

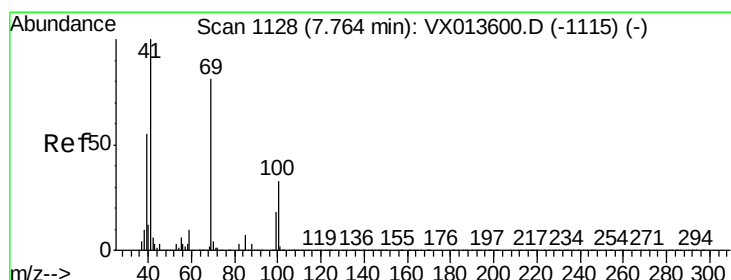
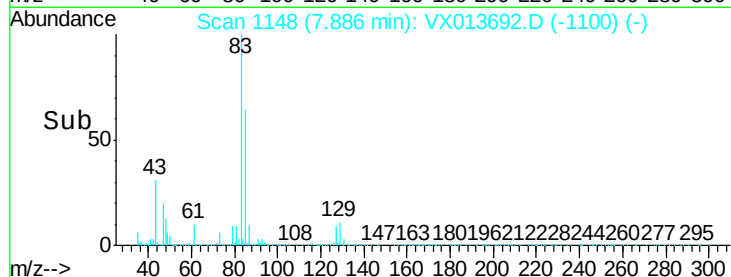
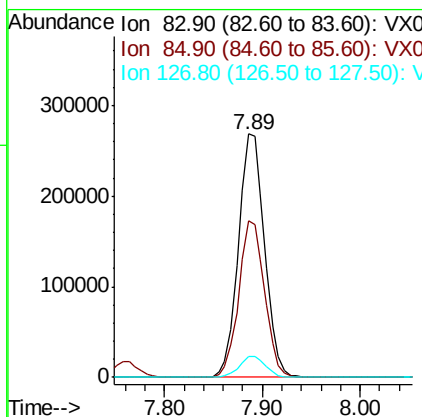
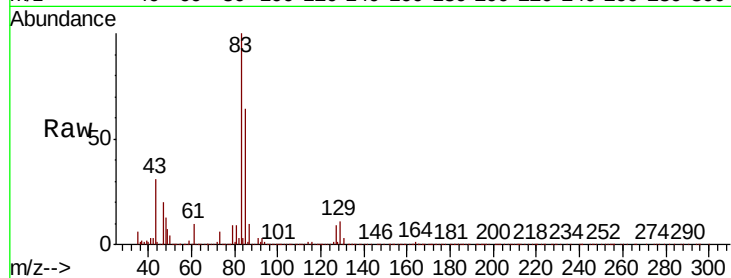
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	497290
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.1	78.1
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.765 ug/l

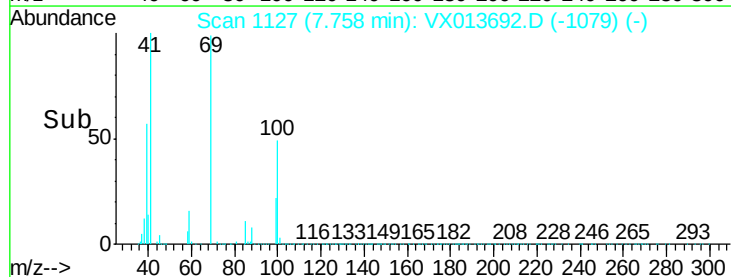
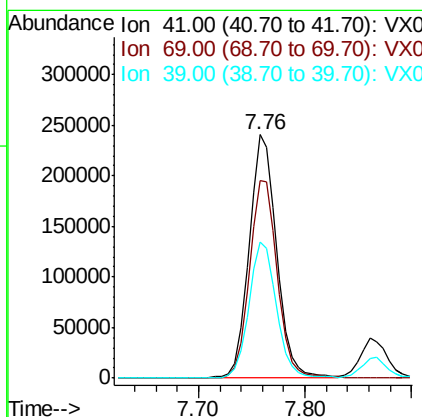
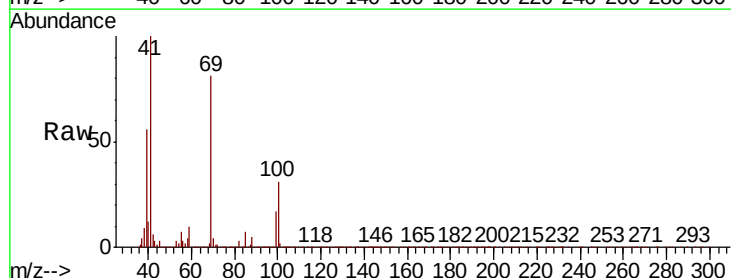
RT: 7.76 min Scan# 1127

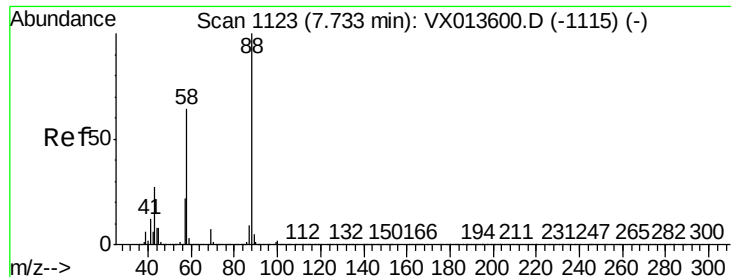
Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	41	Resp:	434299
Ion Ratio	Lower	Upper	
41	100		
69	82.7	64.7	97.1
39	55.6	43.8	65.6





#49

1,4-Dioxane

Concen: 904.081 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

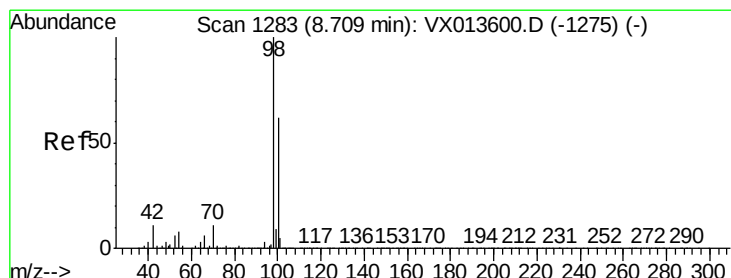
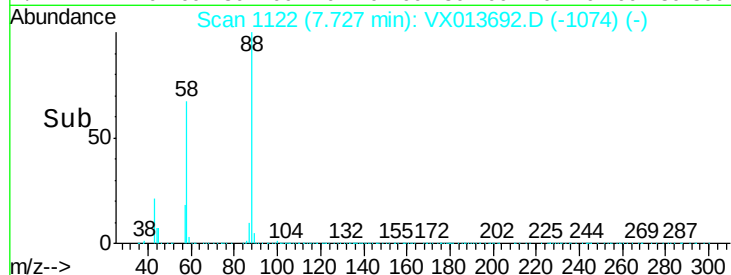
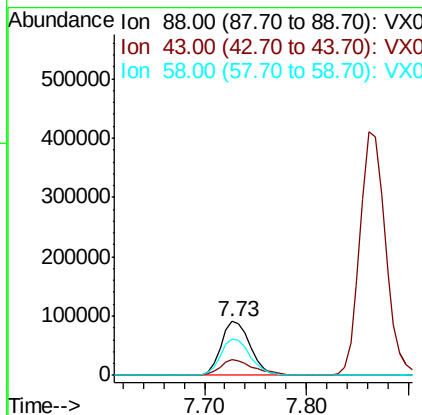
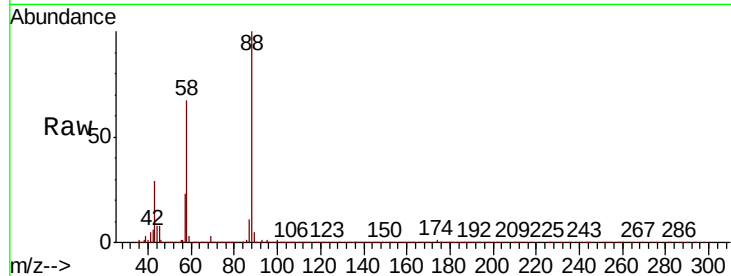
ClientSampleID :

VSTDCCC050

Tot Ion:	88	Resp:	180228
Ion Ratio		Lower	Upper
88	100		
43	32.8	25.8	38.6
58	69.1	54.6	82.0

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#50

Toluene-d8

Concen: 48.087 ug/l

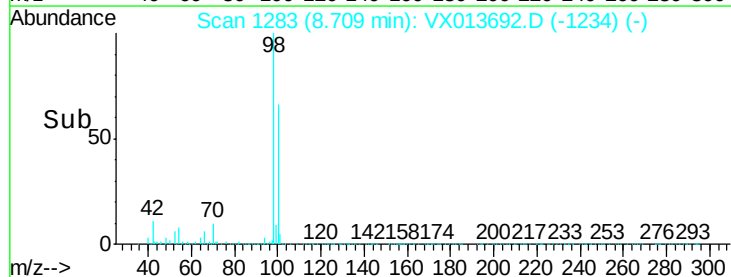
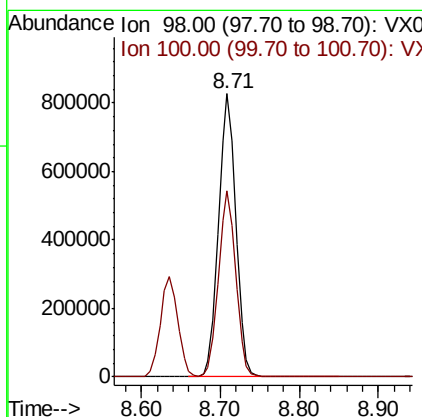
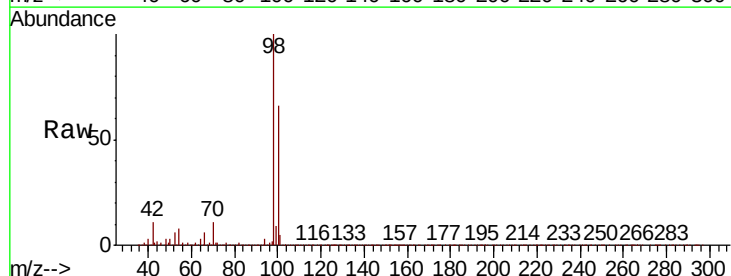
RT: 8.71 min Scan# 1283

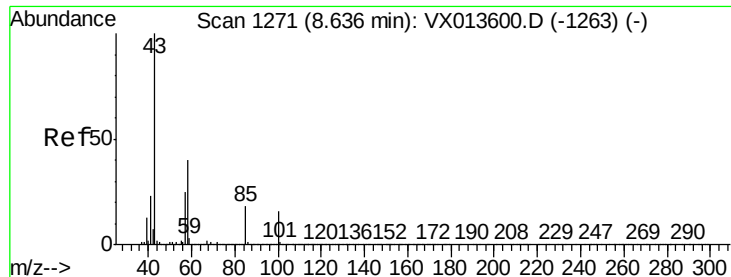
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	98	Resp:	1266299
Ion Ratio		Lower	Upper
98	100		
100	65.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 233.070 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2687242

Ion Ratio Lower Upper

43 100

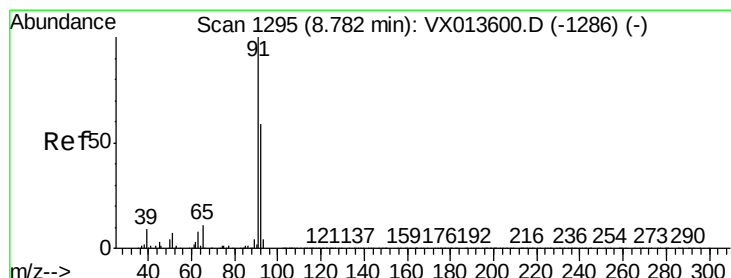
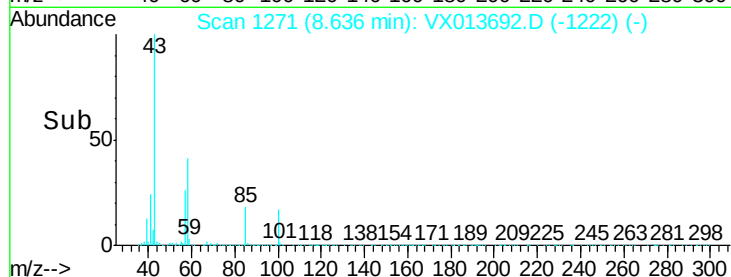
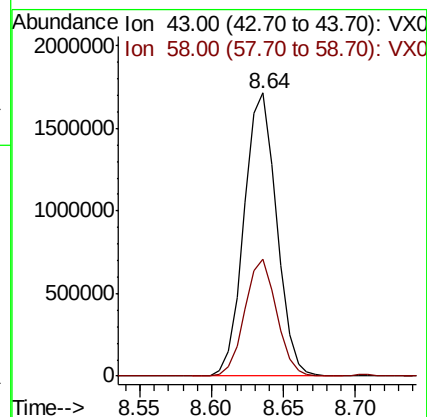
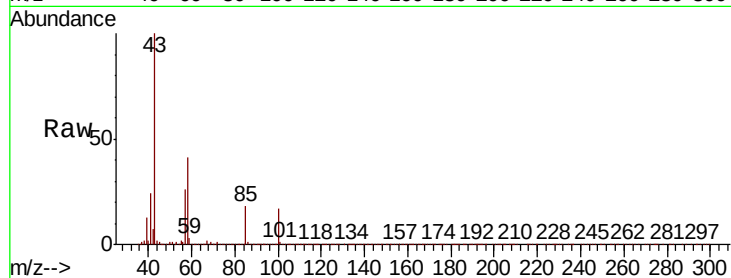
58 40.4 32.1 48.1

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#52

Toluene

Concen: 49.156 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013692.D

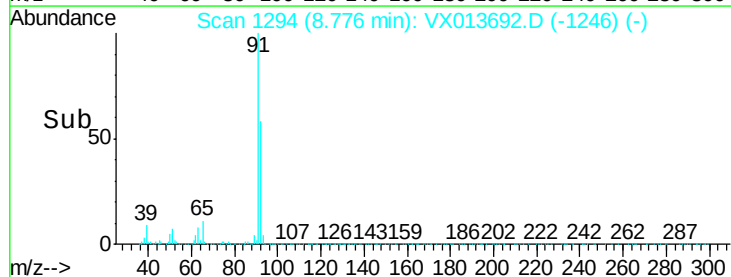
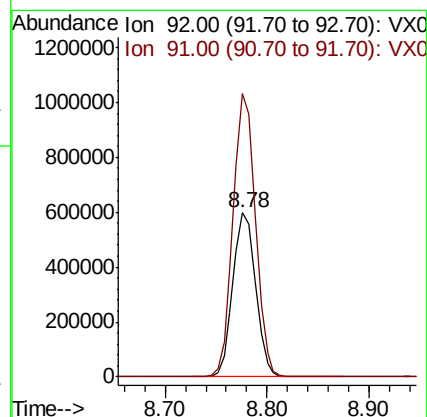
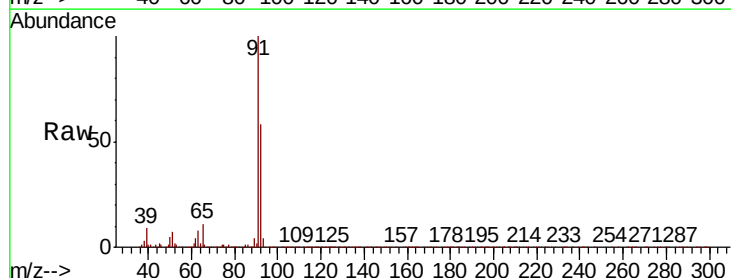
Acq: 29 Nov 2019 10:47

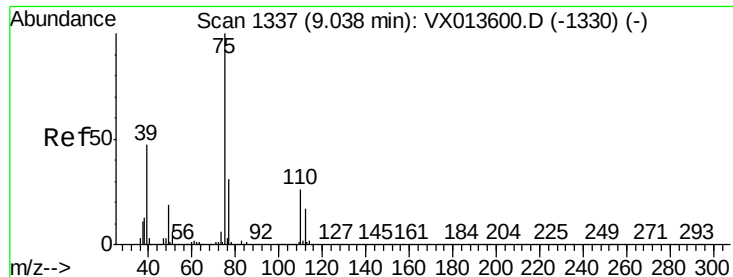
Tgt Ion: 92 Resp: 923054

Ion Ratio Lower Upper

92 100

91 169.8 136.2 204.2





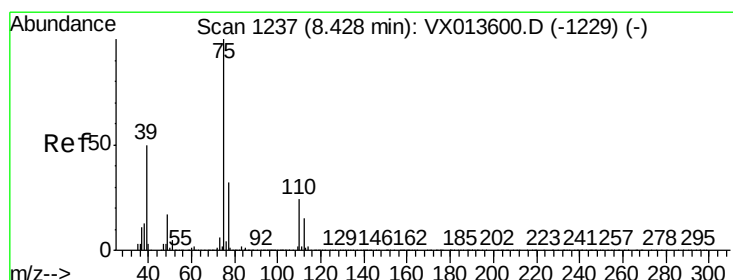
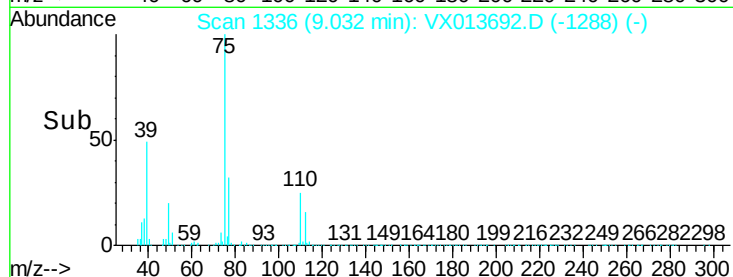
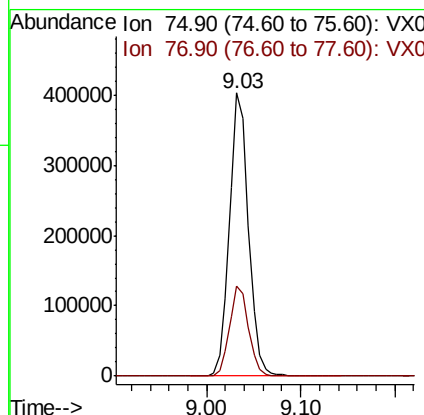
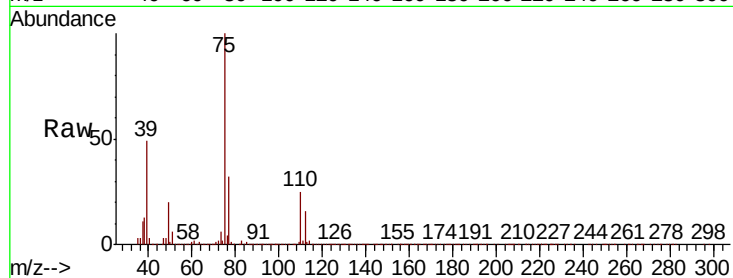
#53
t-1,3-Dichloropropene
Concen: 51.007 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

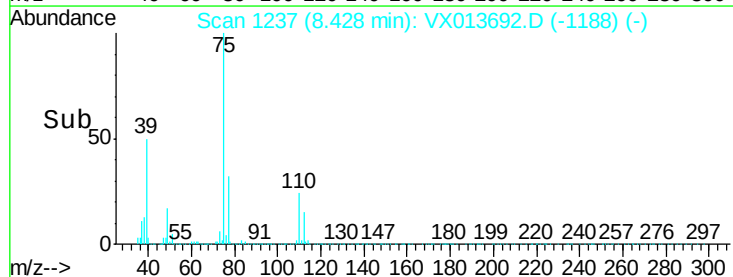
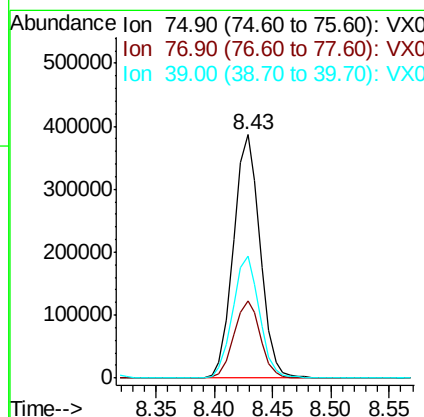
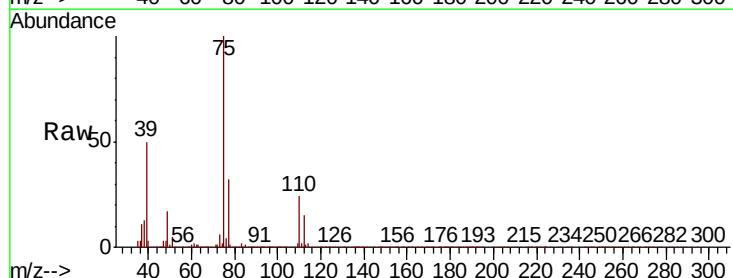
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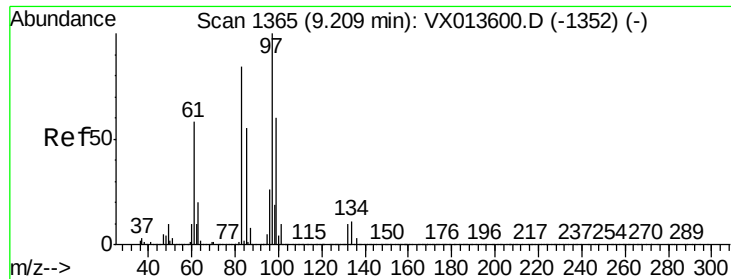
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#54
cis-1,3-Dichloropropene
Concen: 50.955 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	50.1	39.9	59.9





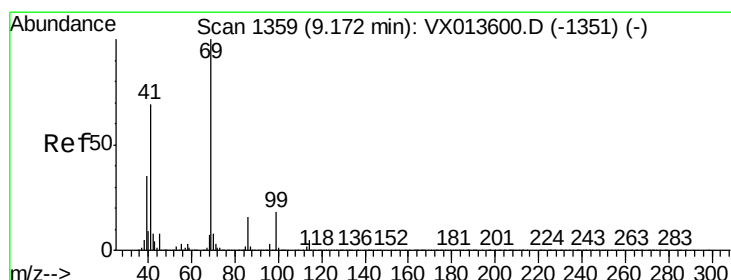
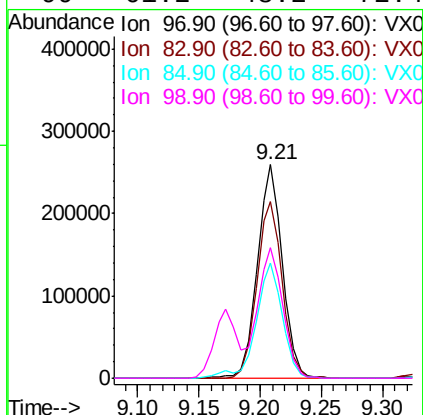
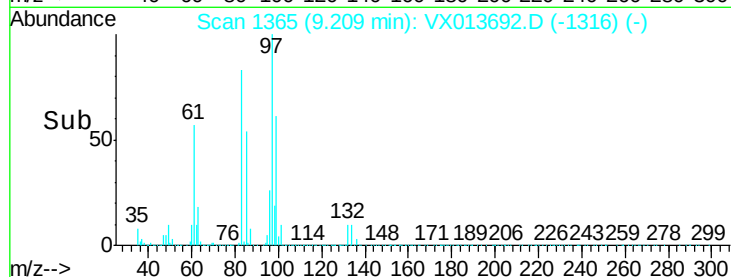
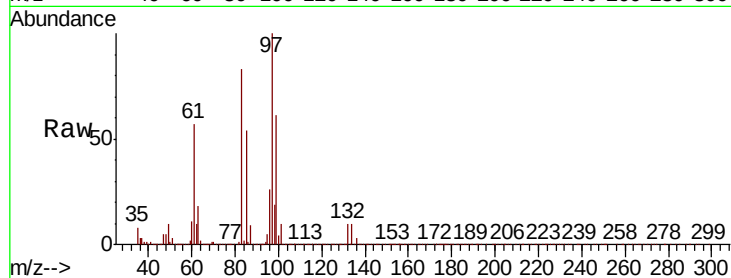
#55
 1,1,2-Trichloroethane
 Concen: 48.820 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.3	100.9
85	53.7	43.6	65.4
99	61.2	48.2	72.4

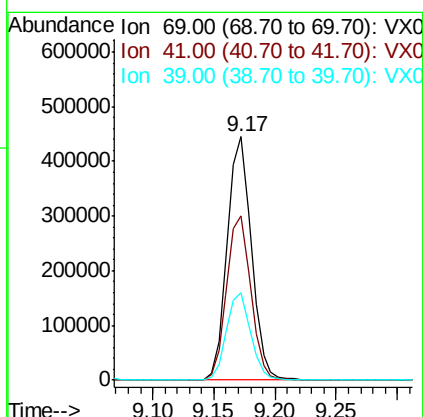
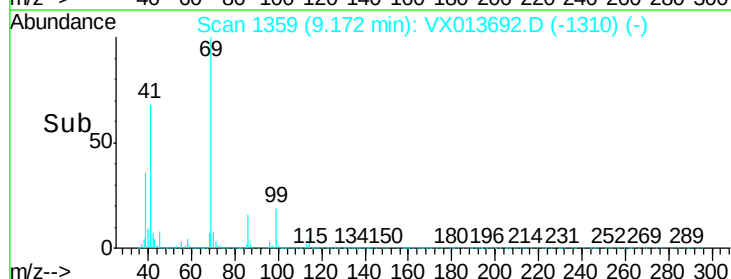
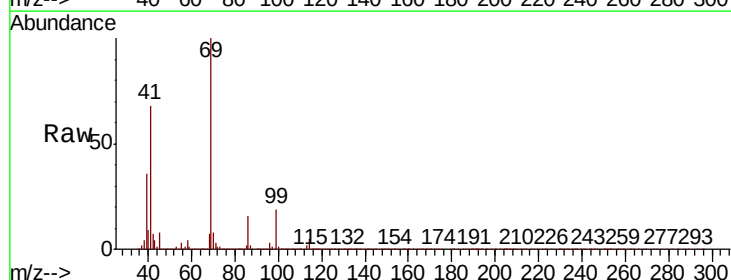
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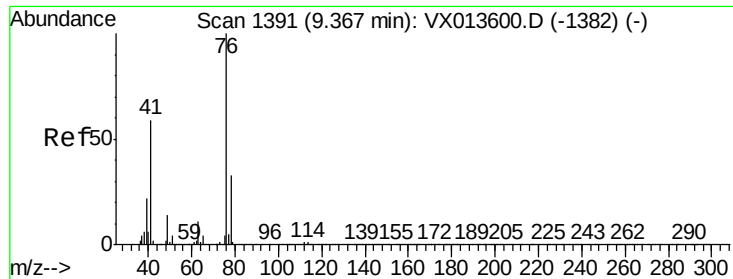
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#56
 Ethyl methacrylate
 Concen: 49.787 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.0	82.4
39	35.9	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.939 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 625279

Ion Ratio Lower Upper

76 100

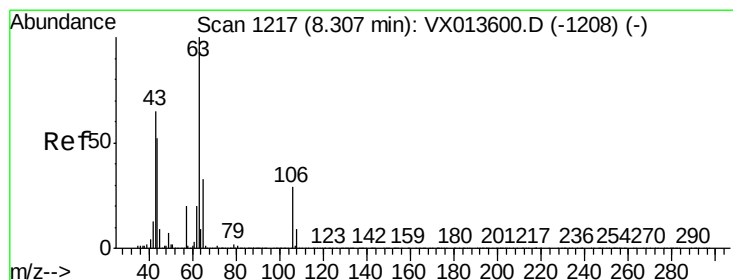
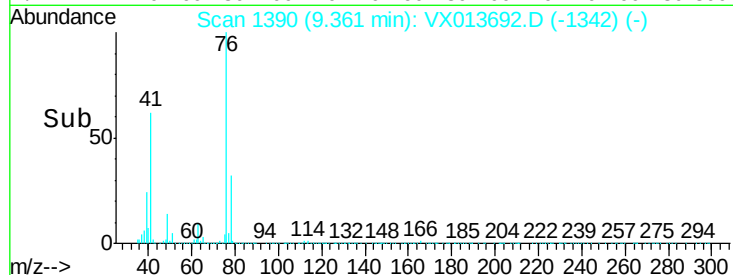
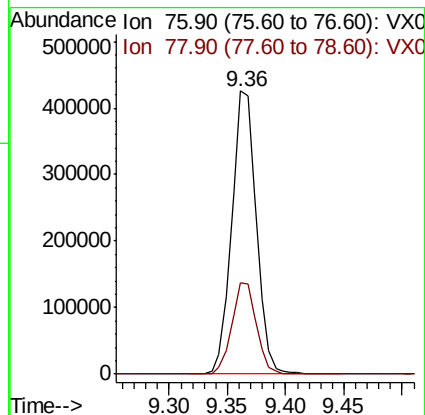
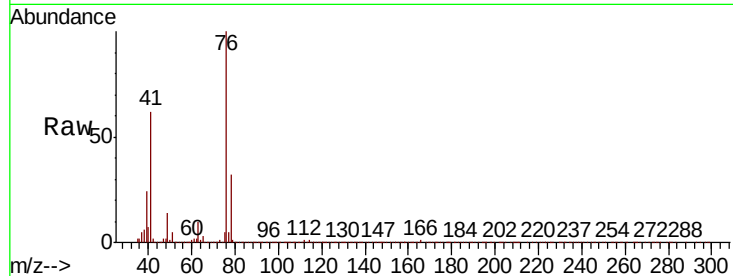
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 238.274 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013692.D

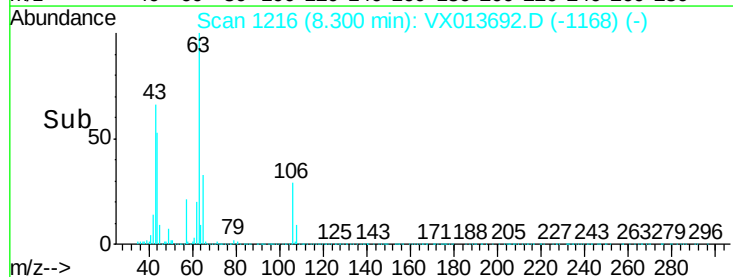
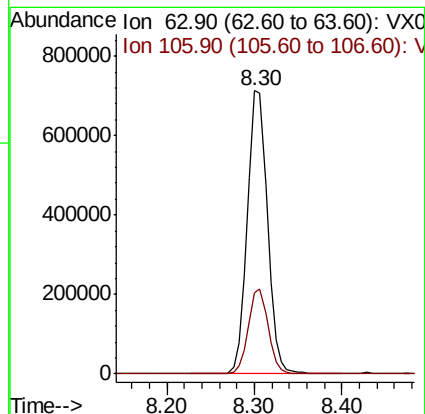
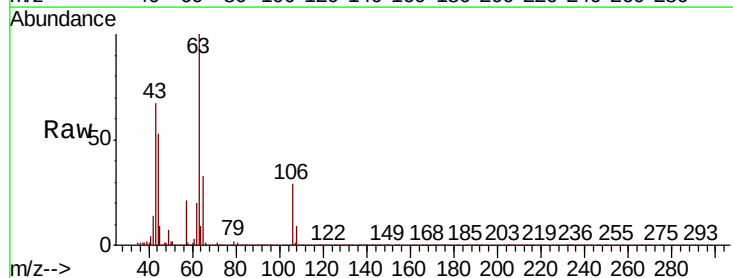
Acq: 29 Nov 2019 10:47

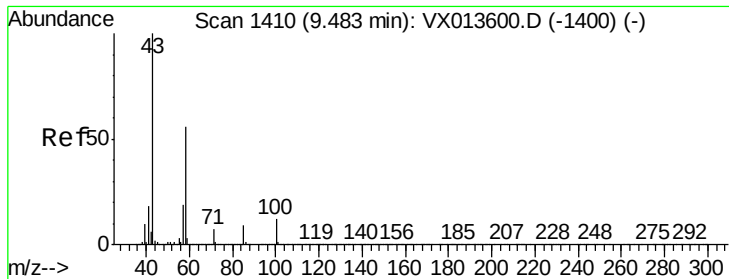
Tgt Ion: 63 Resp: 1136573

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0





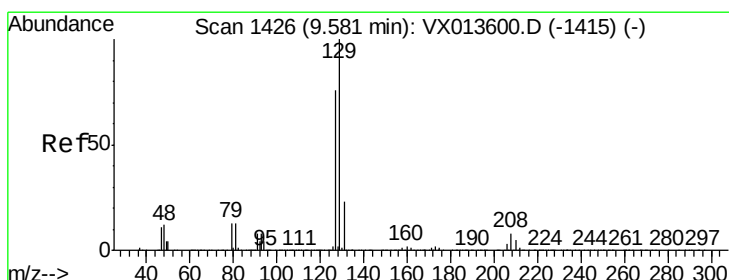
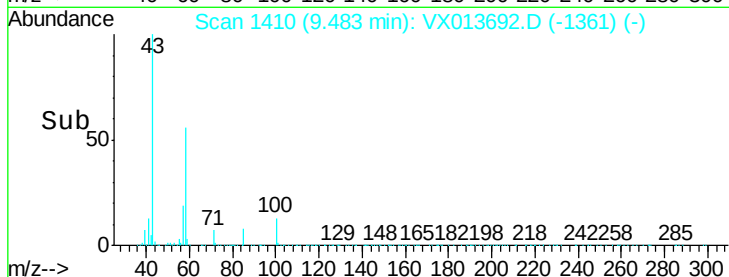
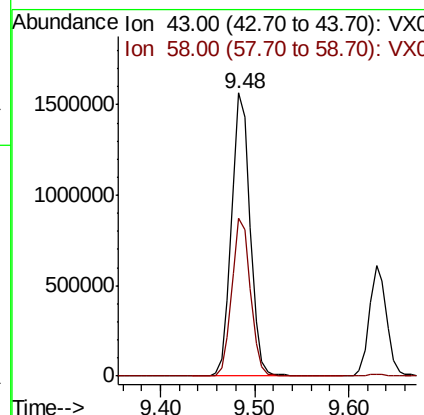
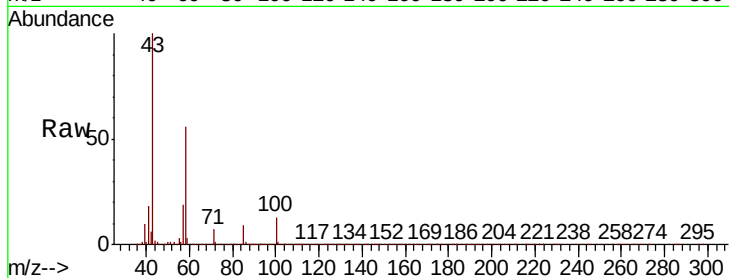
#59
2-Hexanone
Concen: 238.456 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2144288
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

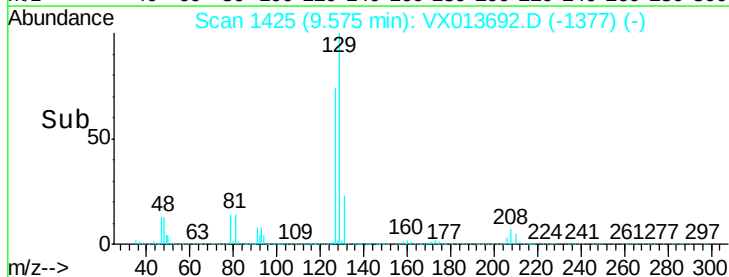
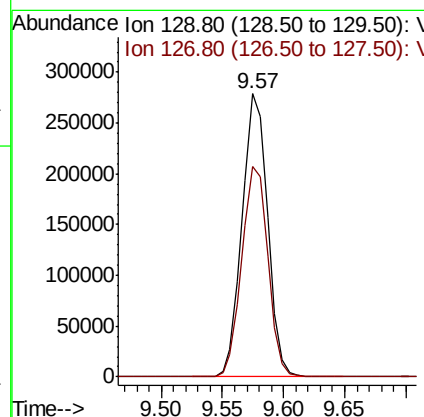
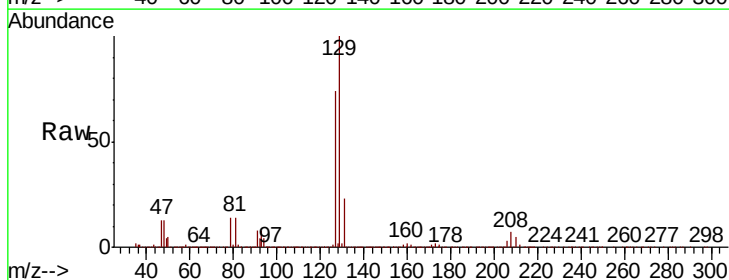
Manual Integrations
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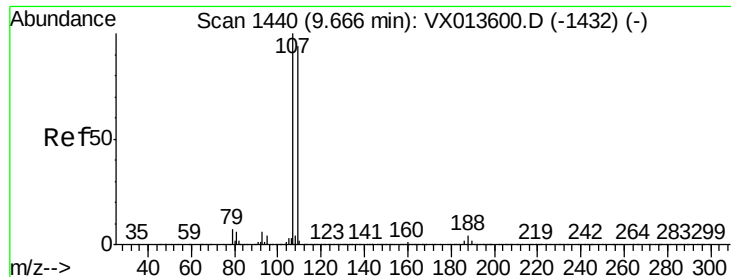
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#60
Dibromochloromethane
Concen: 51.220 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 129 Resp: 402241
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.207 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 389614

Ion Ratio Lower Upper

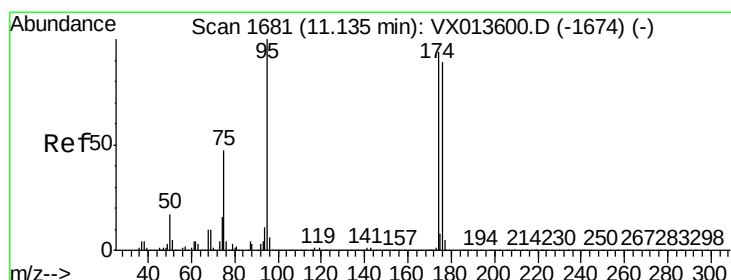
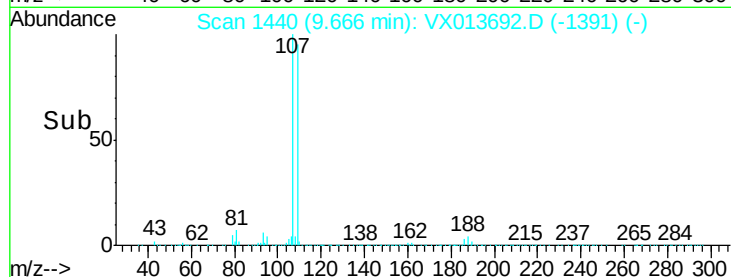
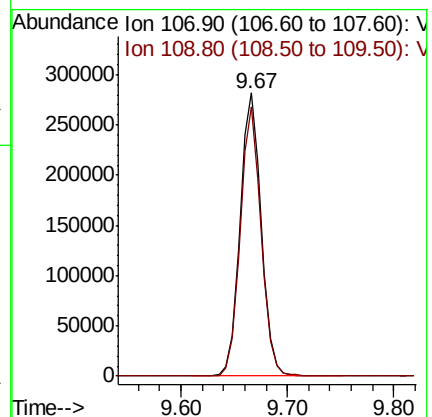
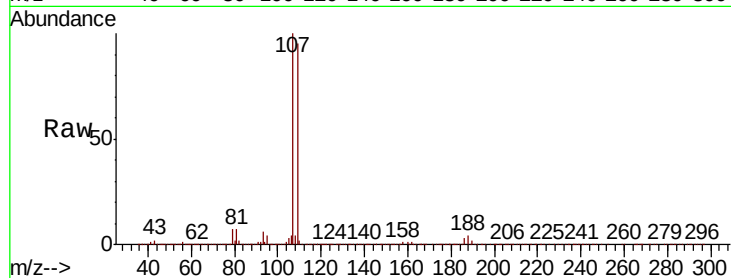
107 100

109 94.1 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 48.203 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

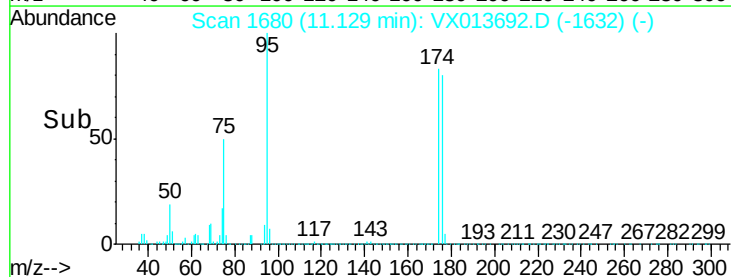
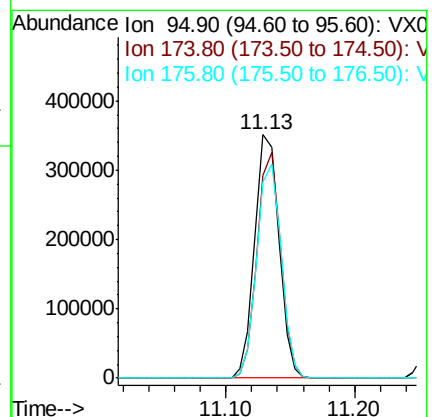
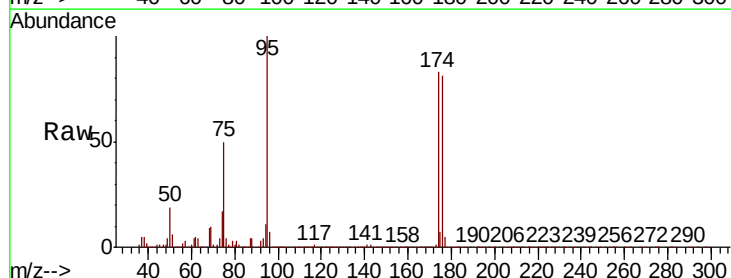
Tgt Ion: 95 Resp: 457735

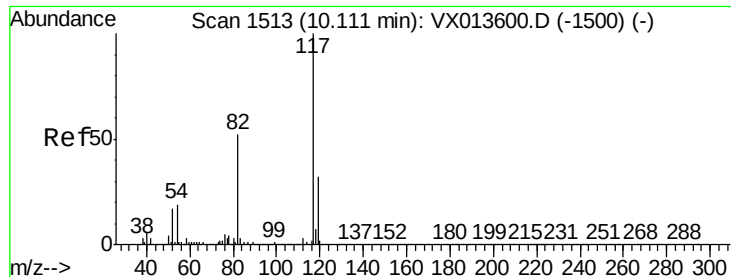
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.9 0.0 173.6





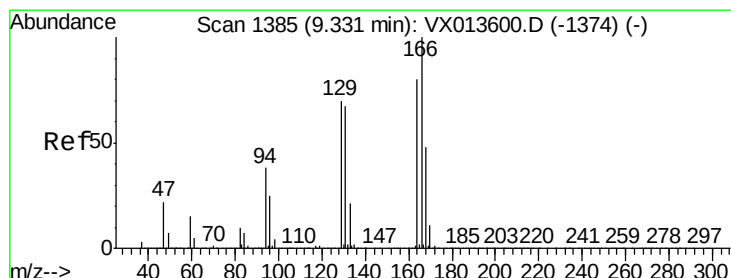
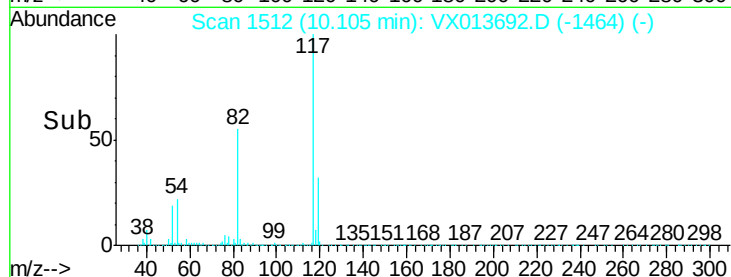
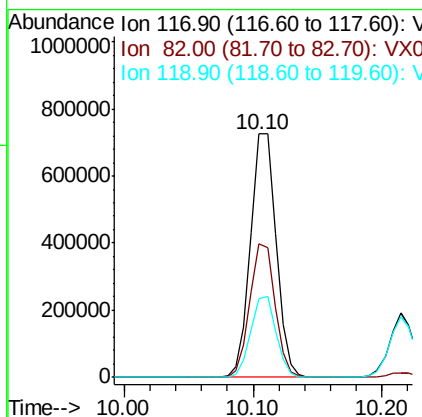
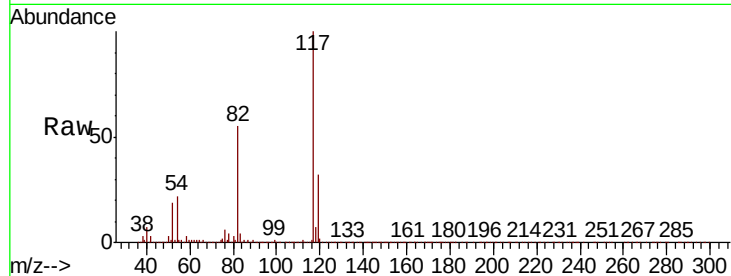
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	990022		
82	54.6		41.8	62.8
119	32.4		25.8	38.8

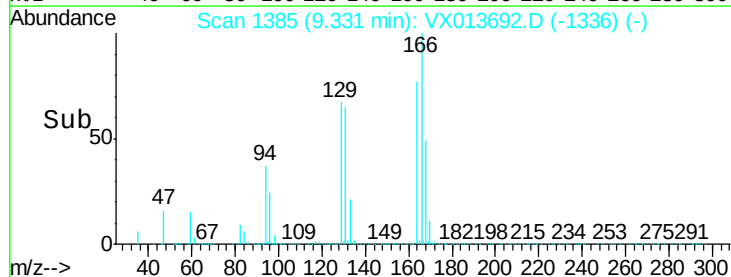
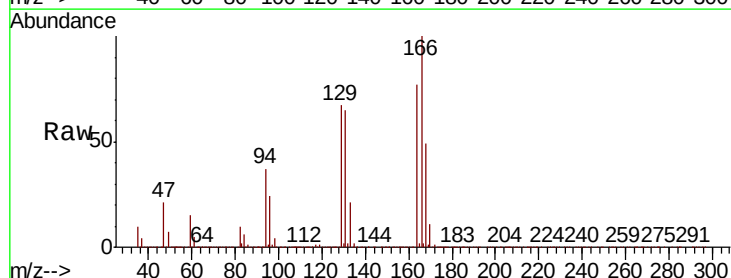
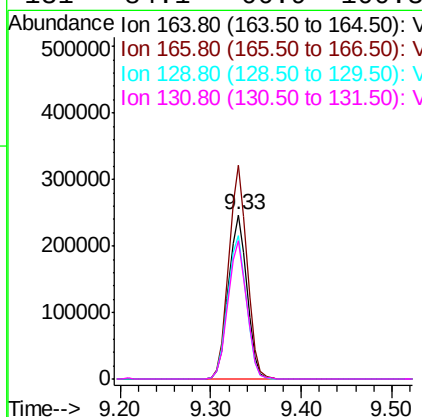
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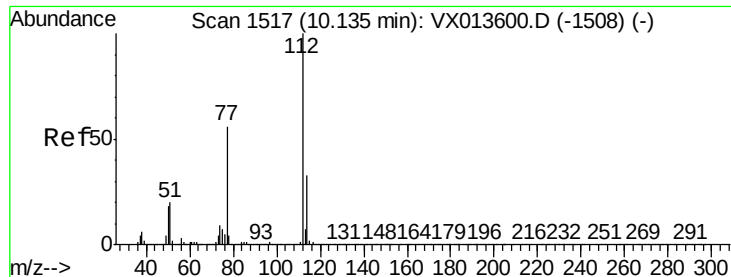
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#64
Tetrachloroethene
Concen: 47.713 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	352264		
166	129.9		99.7	149.5
129	87.2		70.1	105.1
131	84.1		66.9	100.3





#65

Chlorobenzene

Concen: 48.441 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 995707

Ion Ratio Lower Upper

112 100

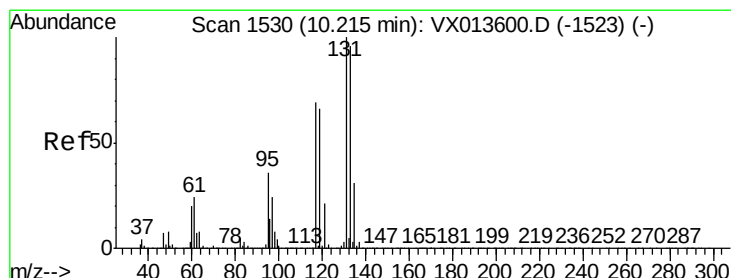
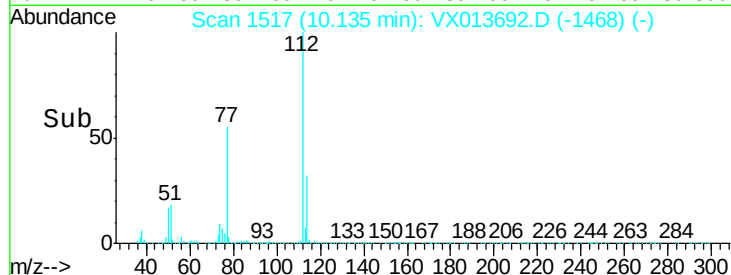
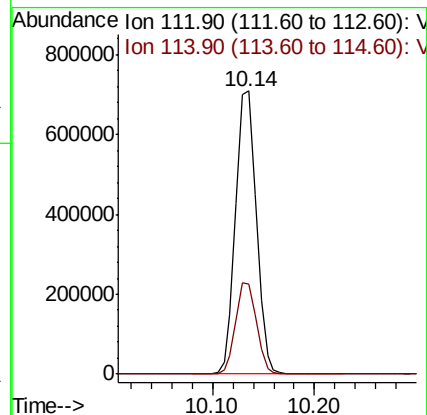
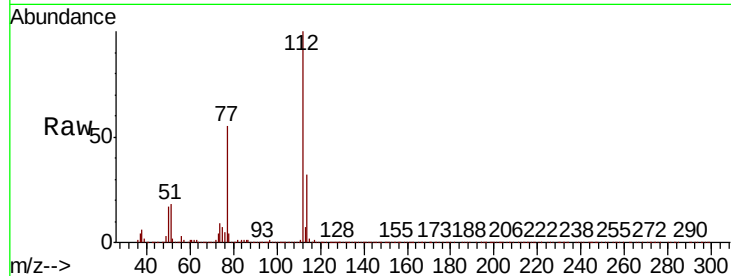
114 32.0 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.089 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

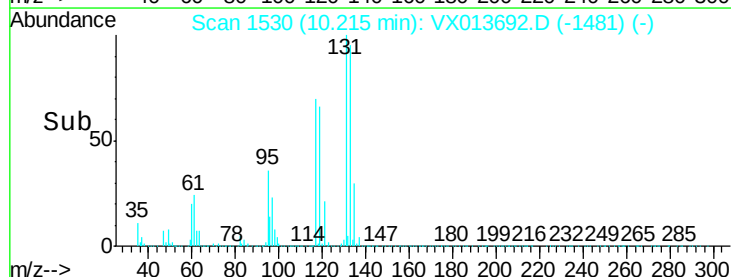
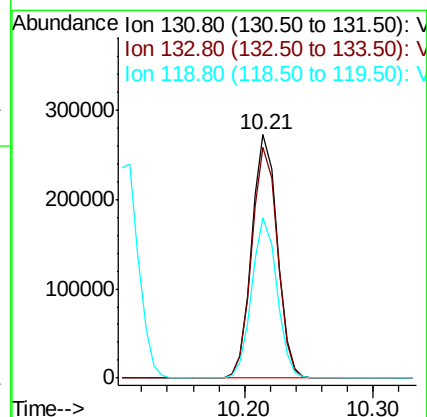
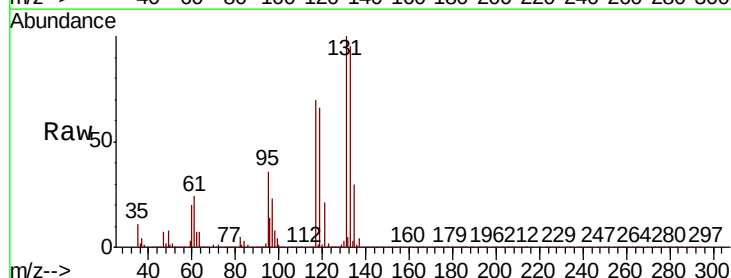
Tgt Ion:131 Resp: 369714

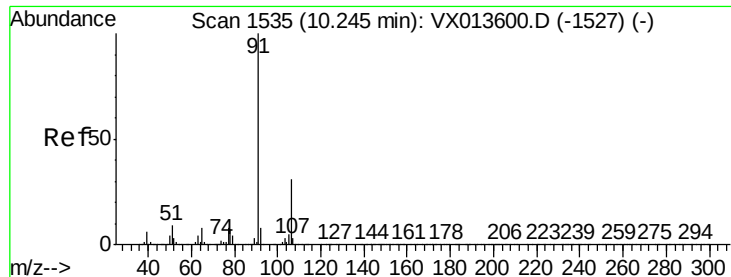
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 64.8 32.9 98.6





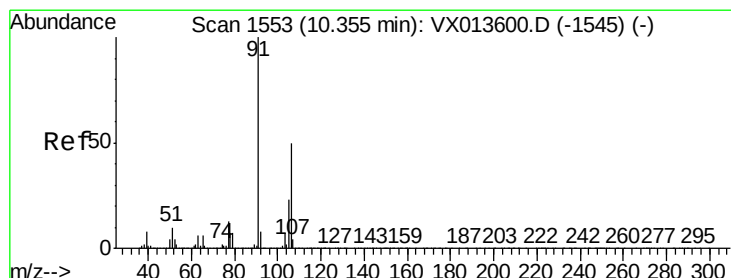
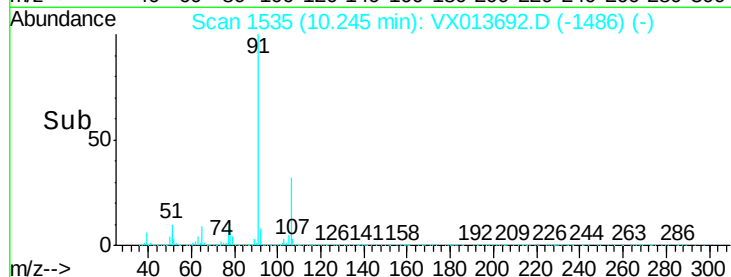
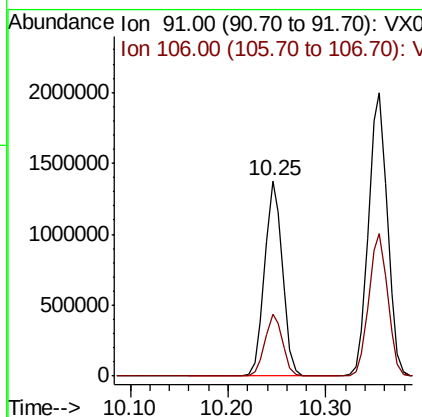
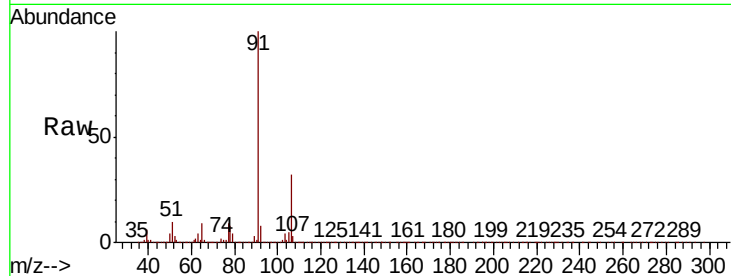
#67
Ethyl Benzene
Concen: 49.892 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1762235
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7

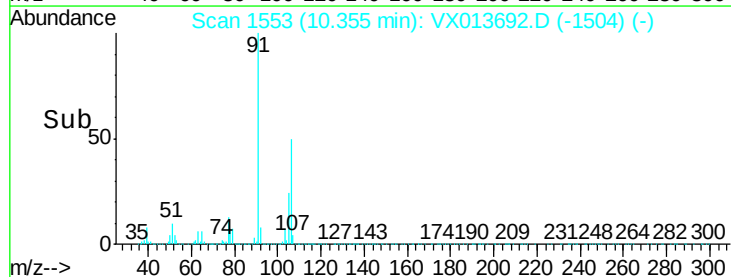
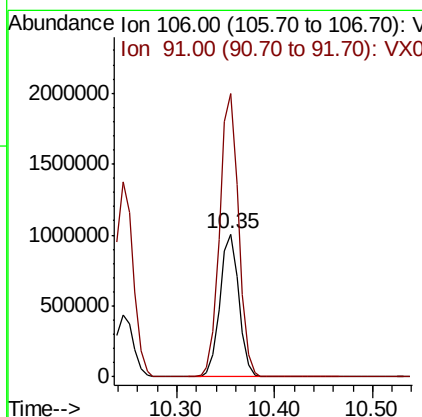
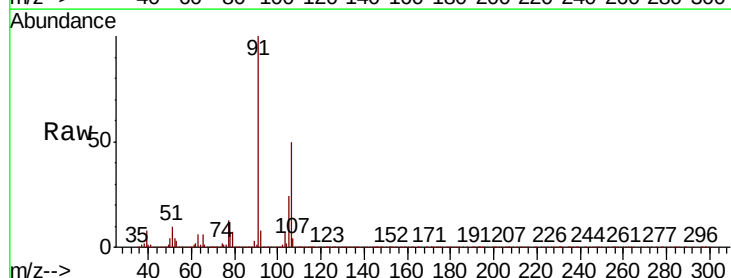
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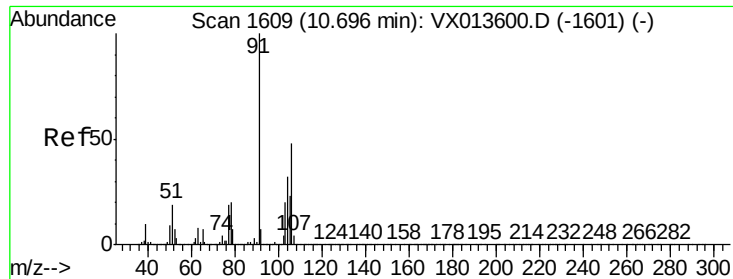
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#68
m/p-Xylenes
Concen: 99.496 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 106 Resp: 1345483
Ion Ratio Lower Upper
106 100
91 198.7 159.0 238.4





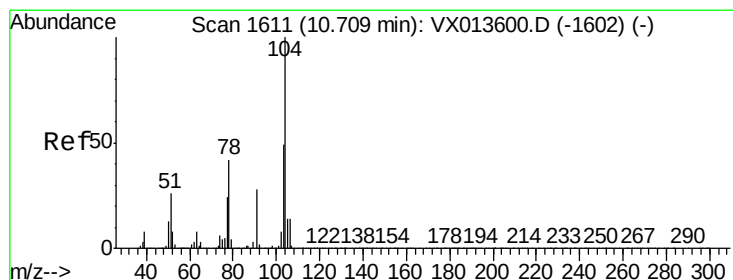
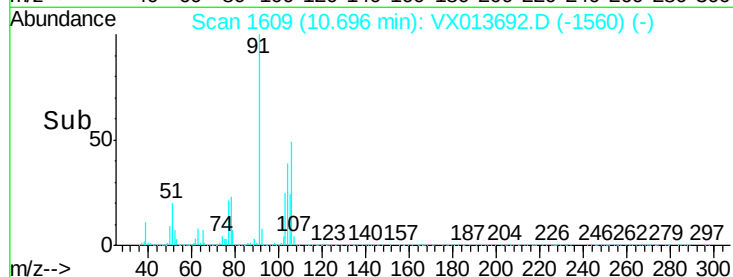
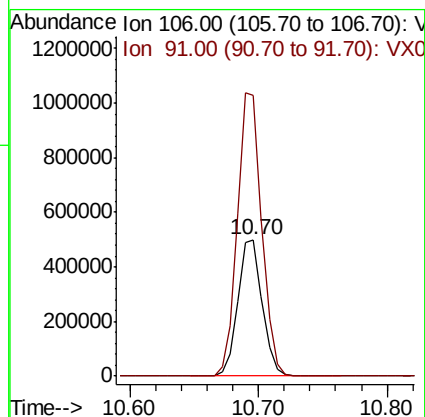
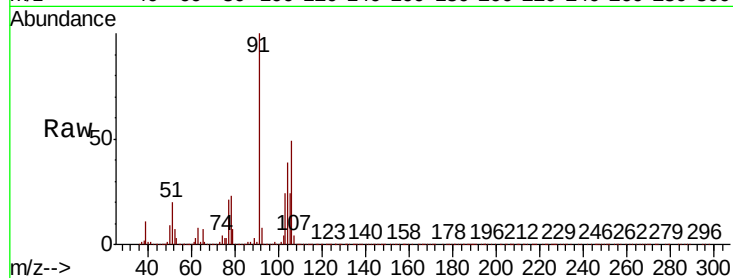
#69
o-Xylene
Concen: 49.543 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.8	104.1	312.2

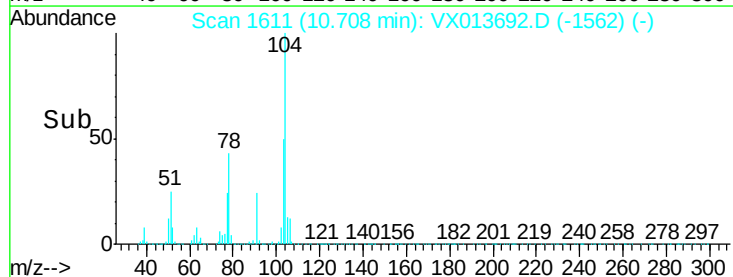
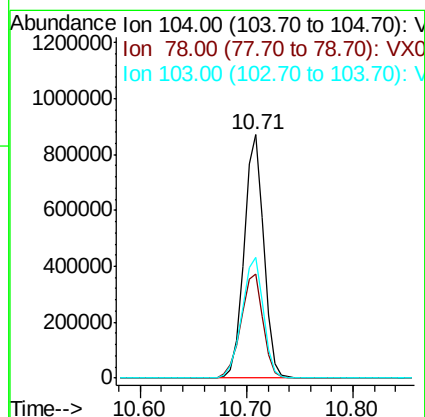
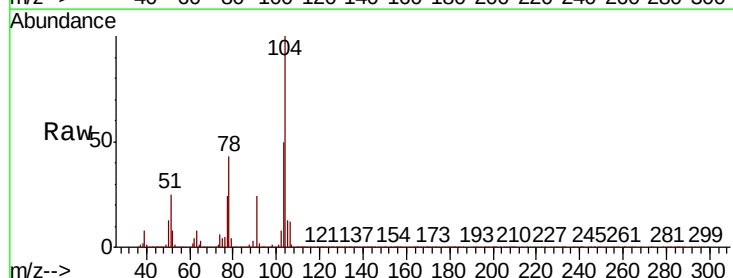
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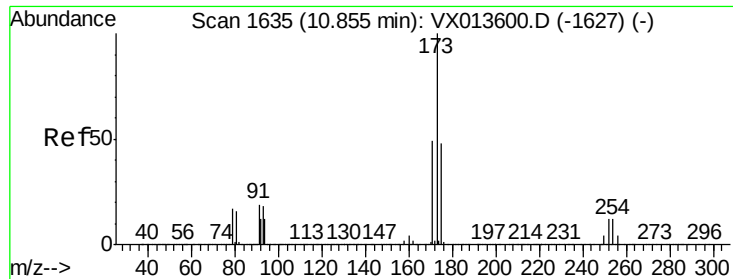
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#70
Styrene
Concen: 50.813 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.3	43.7	65.5





#71

Bromoform

Concen: 50.400 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

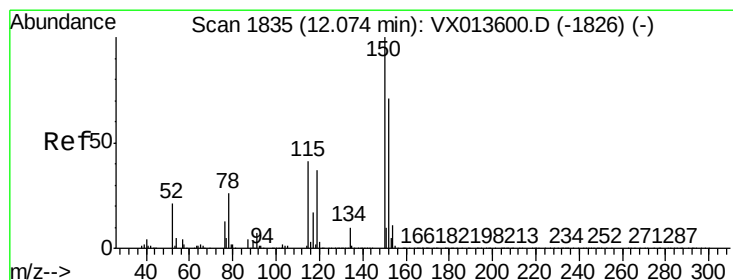
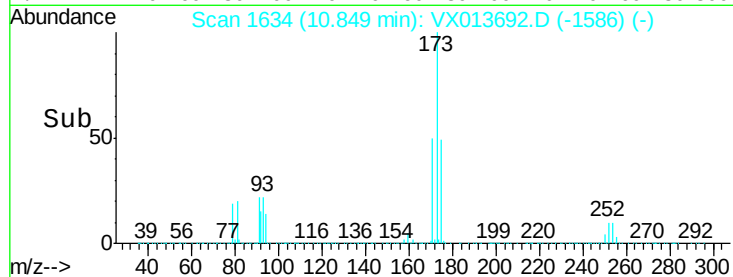
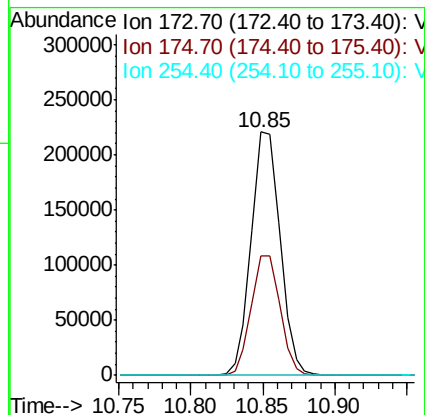
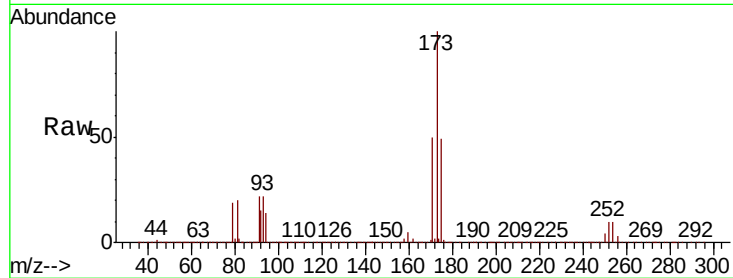
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	307805
Ion Ratio	Lower	Upper	
173	100		
175	49.3	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

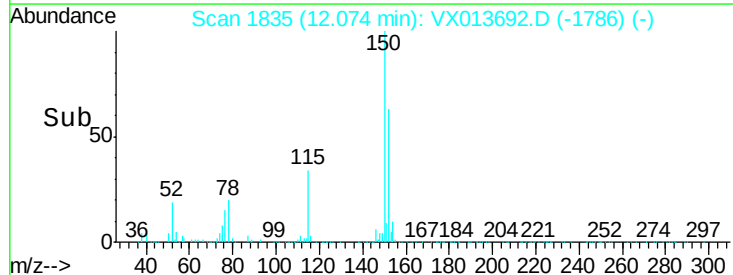
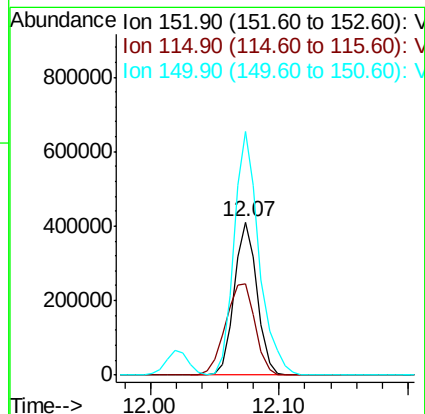
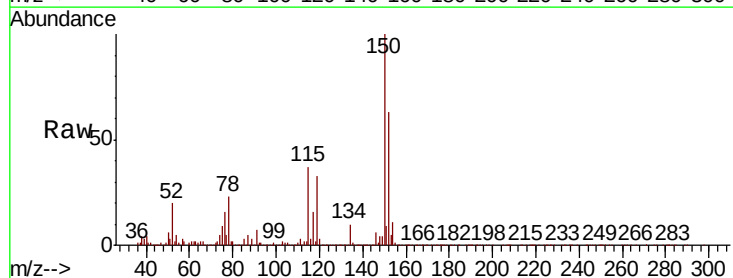
RT: 12.07 min Scan# 1835

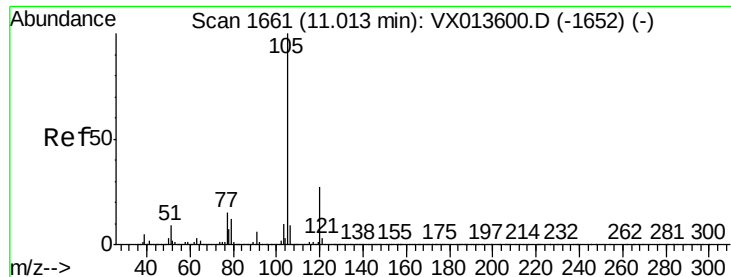
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	152	Resp:	506673
Ion Ratio	Lower	Upper	
152	100		
115	77.9	38.4	115.1
150	174.0	0.0	346.8





#73

Isopropylbenzene

Concen: 48.667 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1729680

Ion Ratio Lower Upper

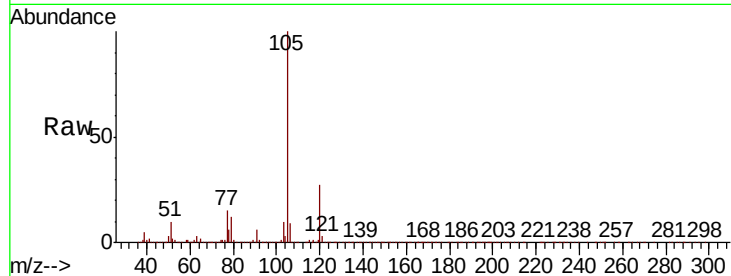
105 100

120 27.2 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

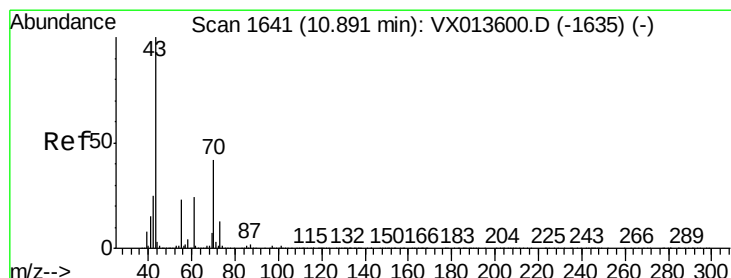
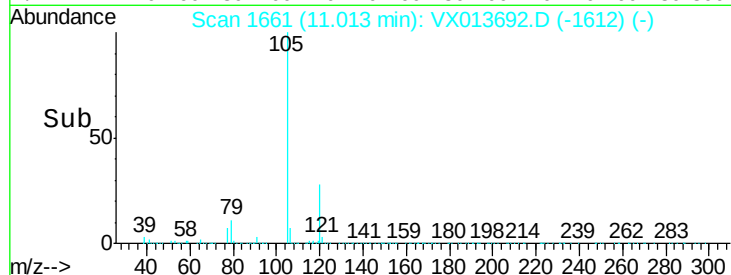
1000000

500000

0

11.01

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.691 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion: 43 Resp: 792729

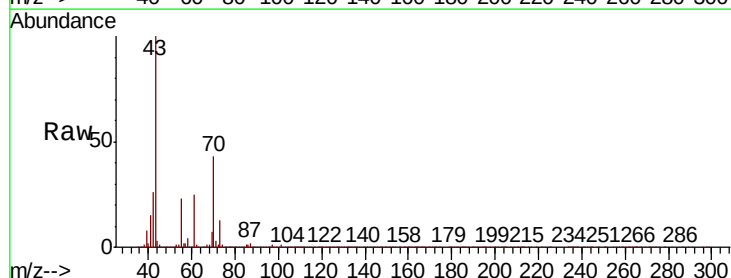
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.3 18.5 27.7

61 25.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

600000

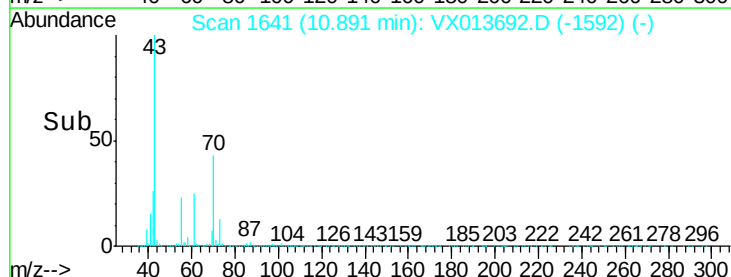
400000

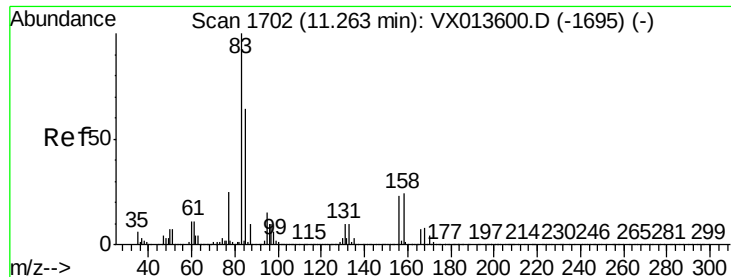
200000

0

10.89

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.780 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

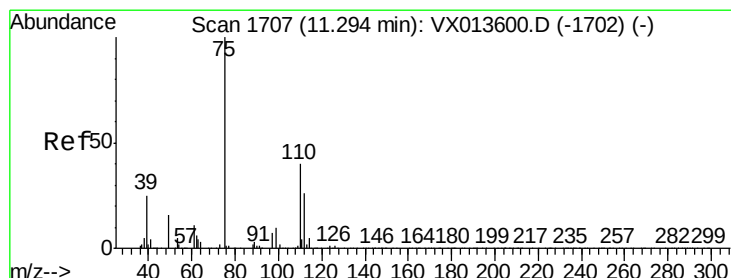
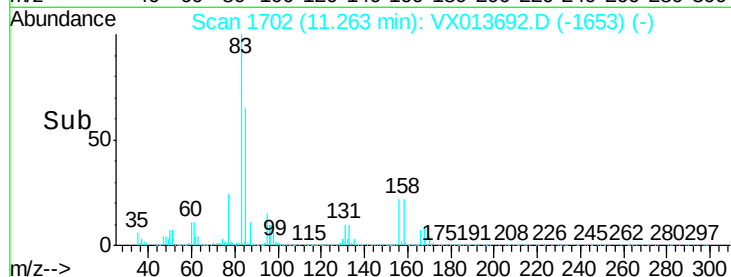
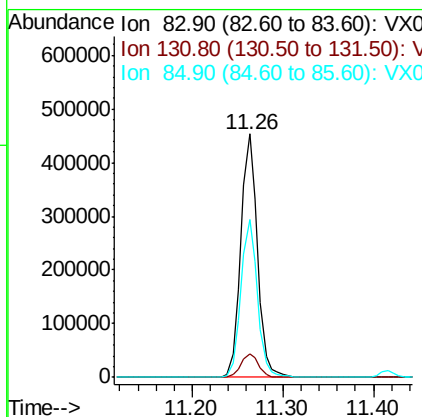
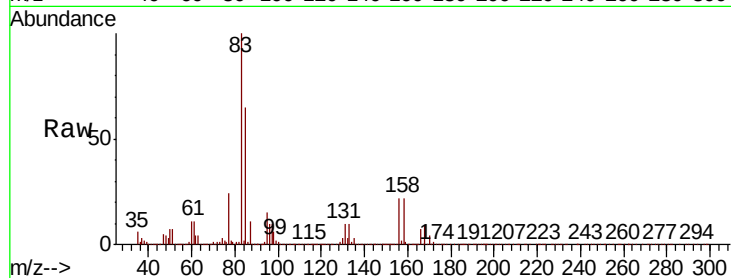
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	576592
Ion Ratio		Lower	Upper
83	100		
131	10.1	5.1	15.3
85	64.7	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 47.523 ug/l m

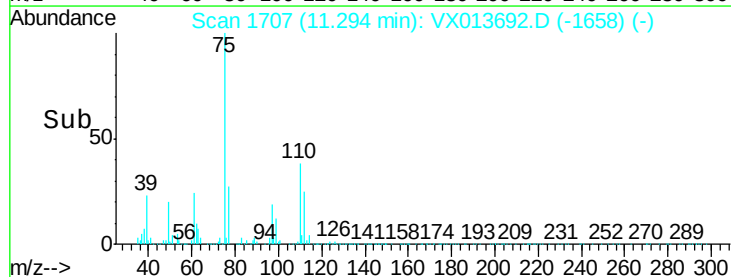
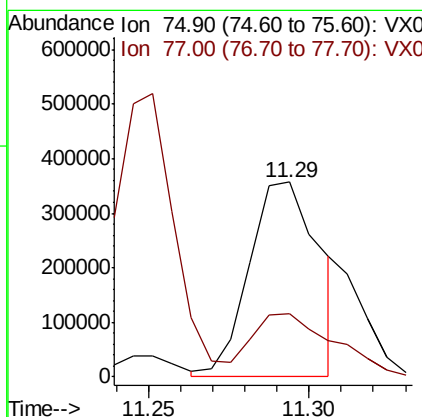
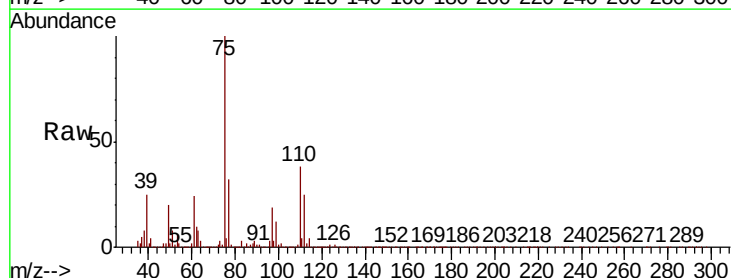
RT: 11.29 min Scan# 1707

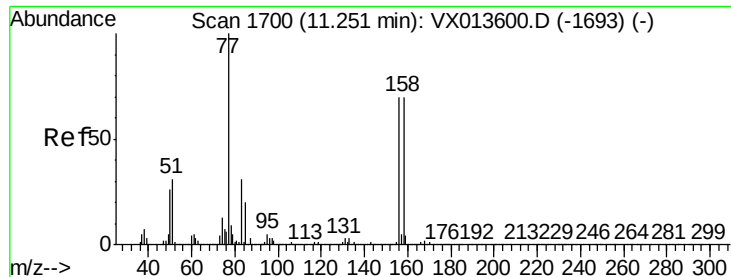
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	75	Resp:	541574
Ion Ratio		Lower	Upper
75	100		
77	37.9	19.1	57.5





#77

Bromobenzene

Concen: 46.898 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

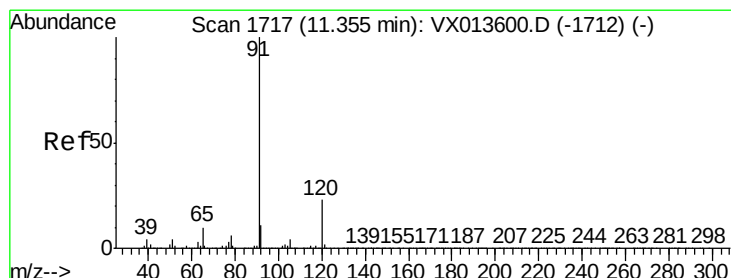
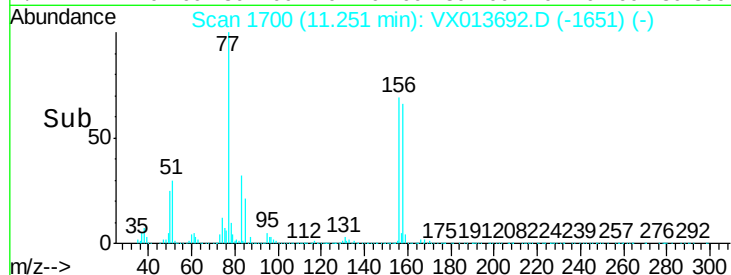
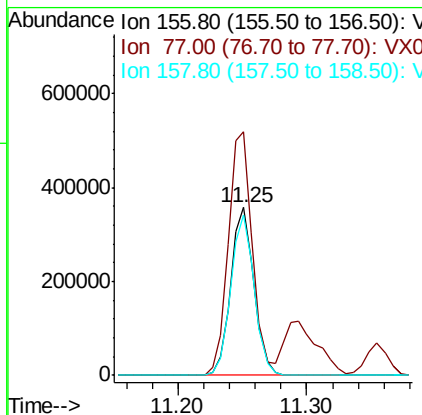
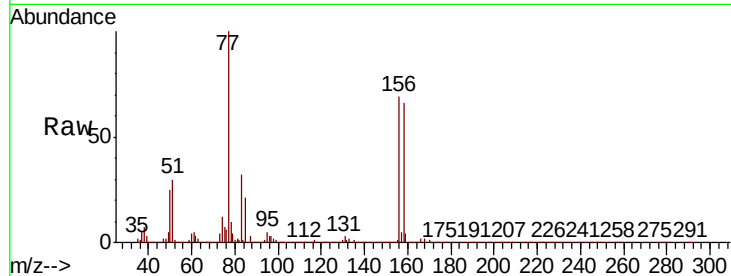
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	450290
Ion Ratio	Lower	Upper	
156	100		
77	151.8	74.4	223.1
158	96.7	48.9	146.6

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#78

n-propylbenzene

Concen: 50.131 ug/l

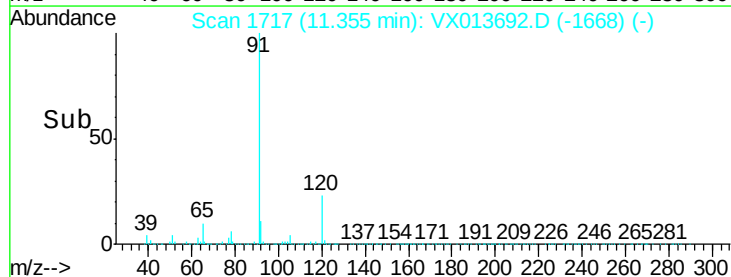
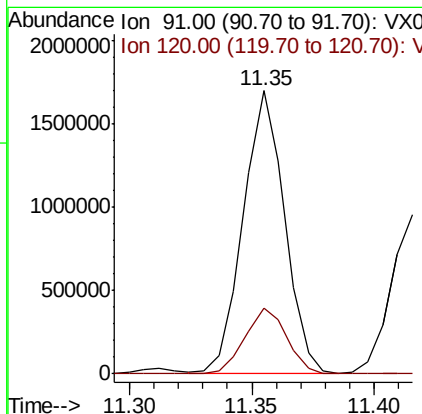
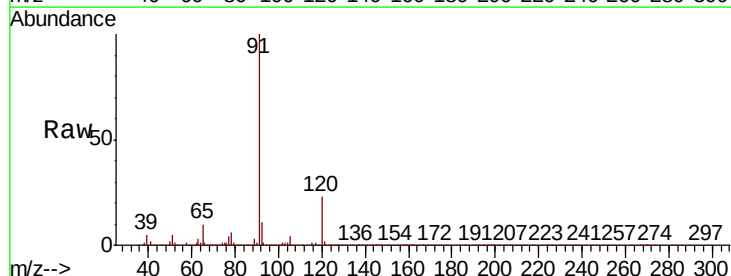
RT: 11.35 min Scan# 1717

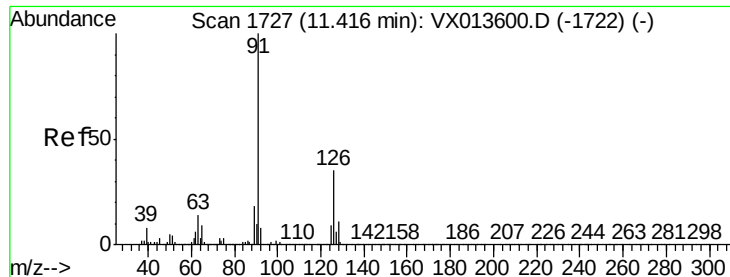
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	91	Resp:	1988939
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





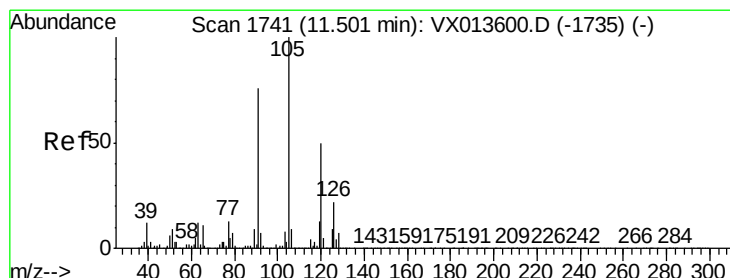
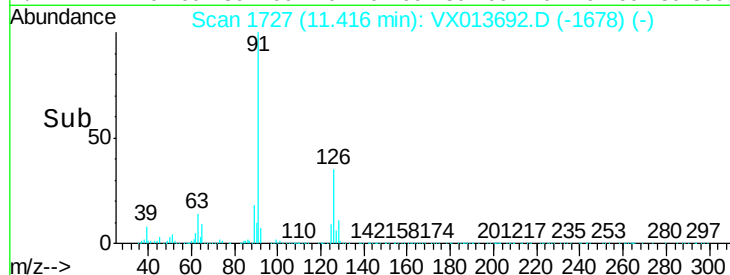
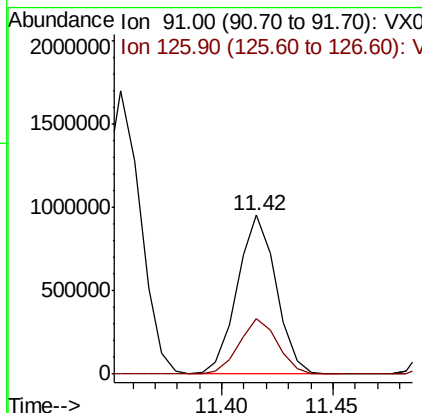
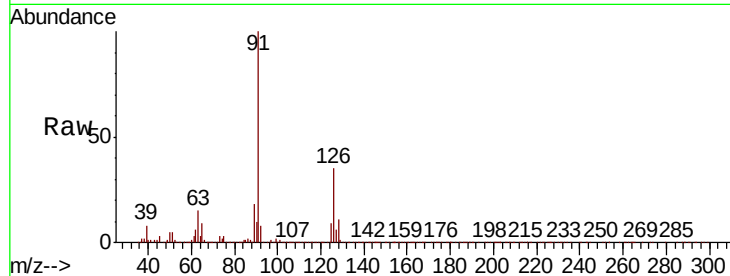
#79
 2-Chlorotoluene
 Concen: 48.452 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1153145
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5

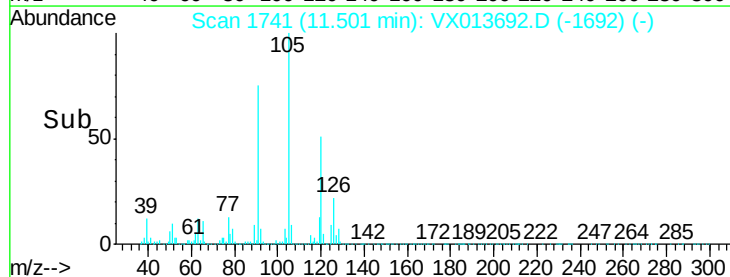
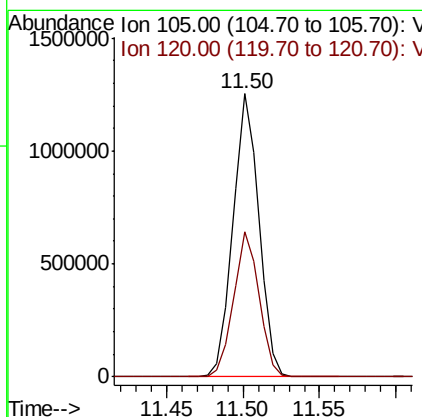
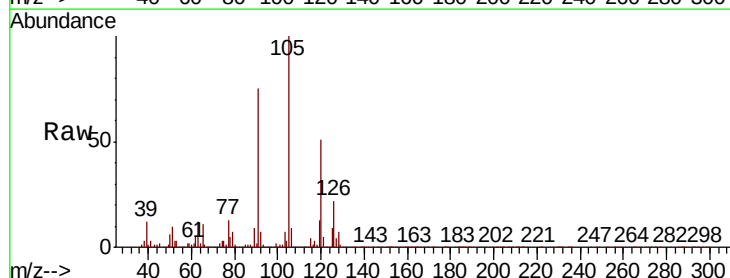
Manual Integrations
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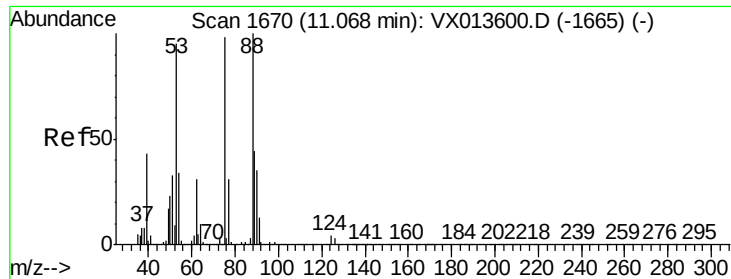
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.342 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion: 105 Resp: 1466412
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.9





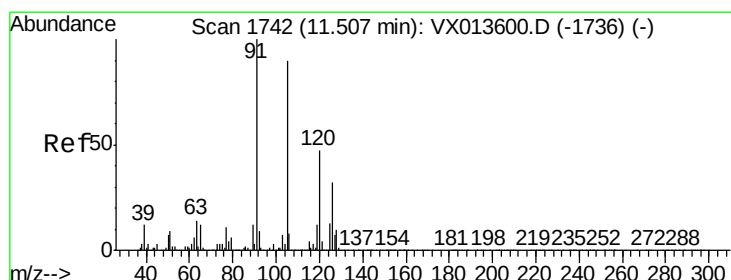
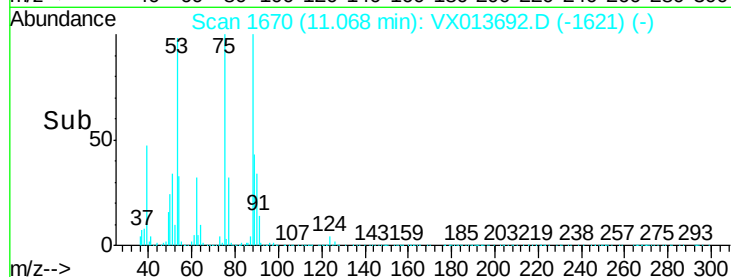
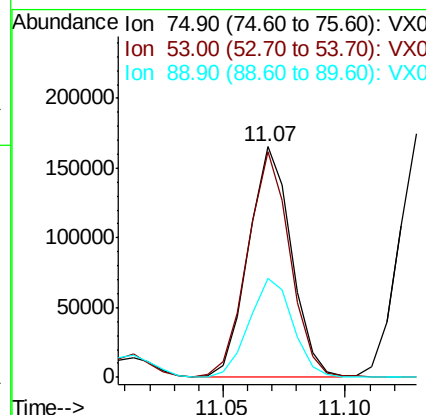
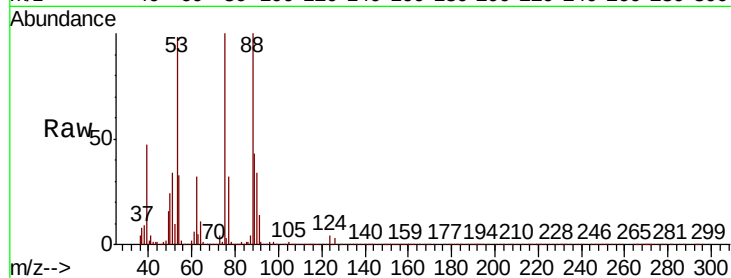
#81
trans-1,4-Dichloro-2-butene
Concen: 48.236 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	78.2	117.2
89	44.4	35.4	53.2

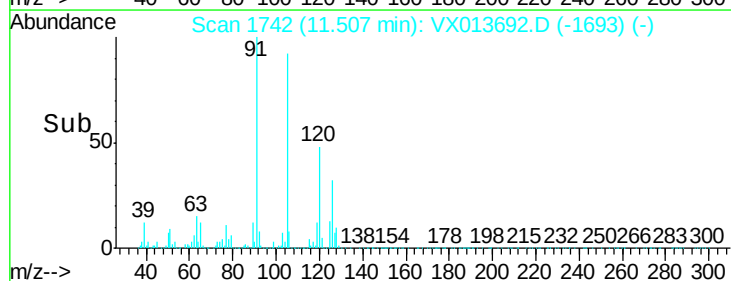
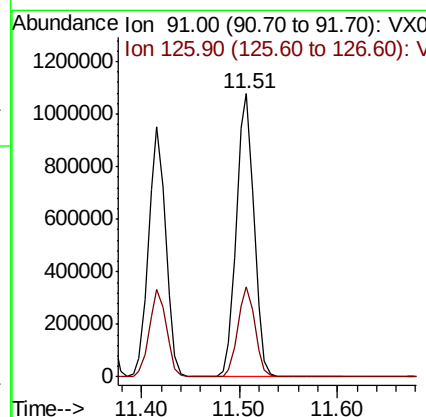
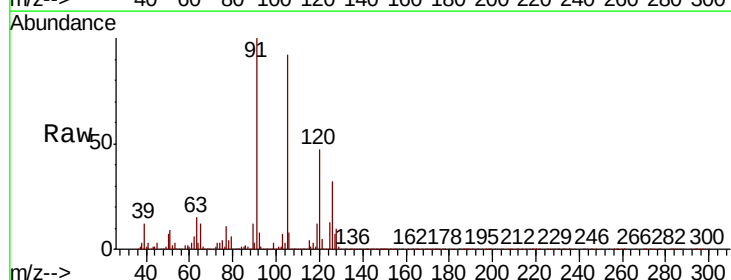
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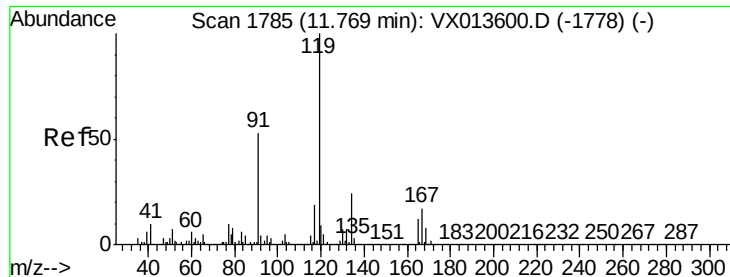
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#82
4-Chlorotoluene
Concen: 48.905 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





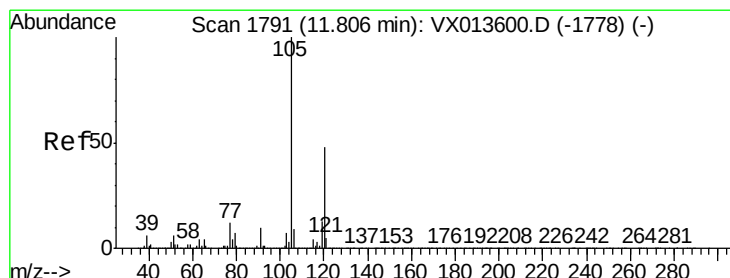
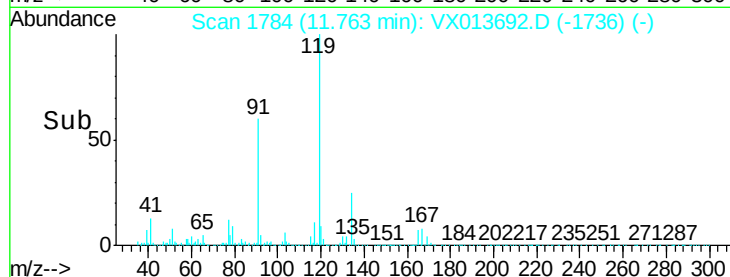
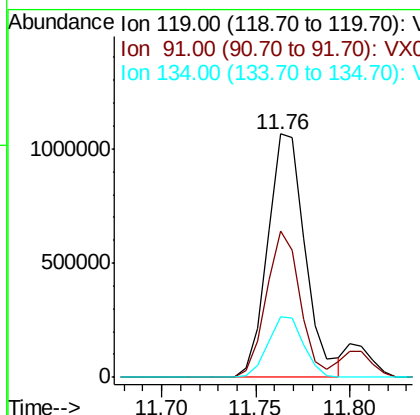
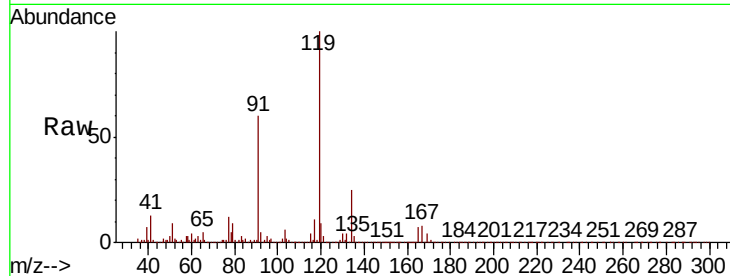
#83
 tert-Butylbenzene
 Concen: 49.681 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.2	81.6
134	23.7	11.7	35.1

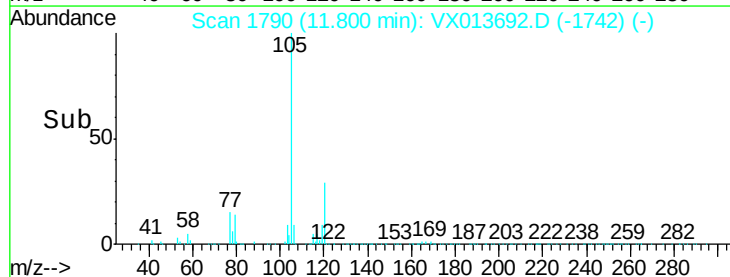
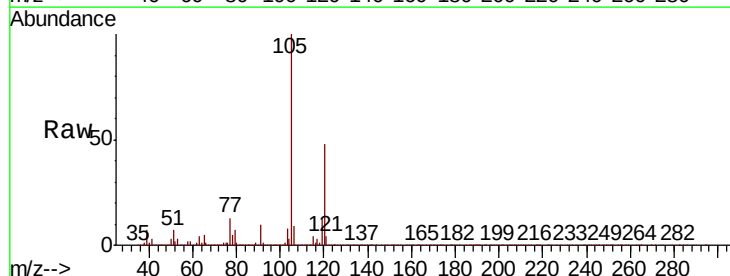
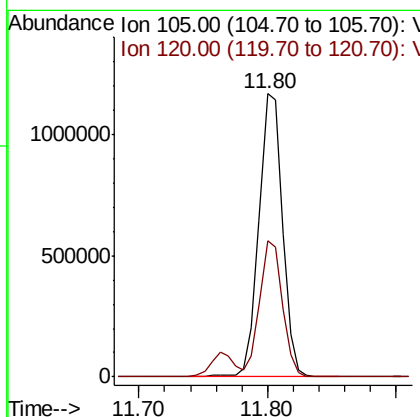
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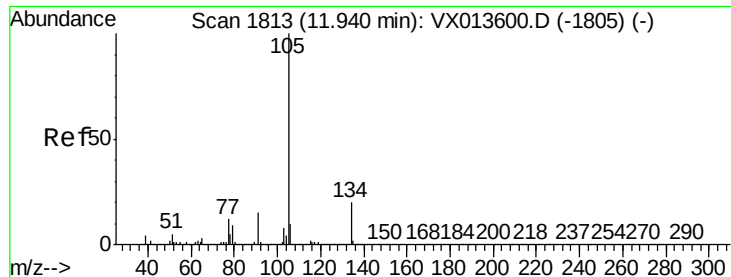
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.677 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.416 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1704753

Ion Ratio Lower Upper

105 100

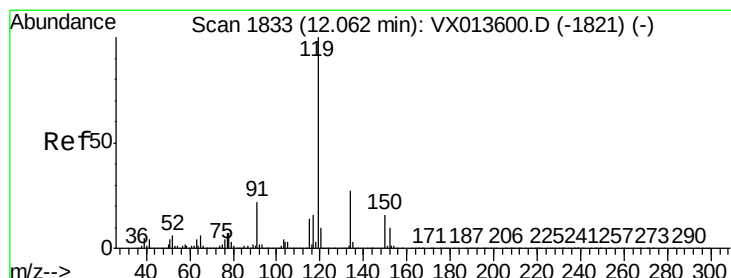
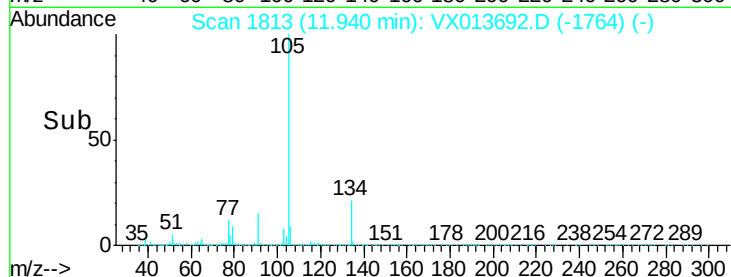
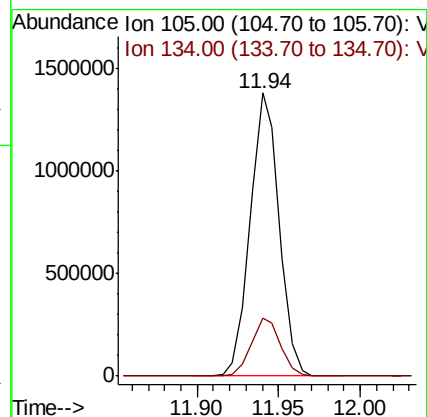
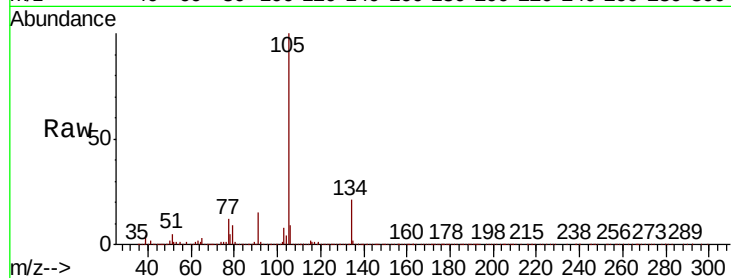
134 20.8 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.325 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

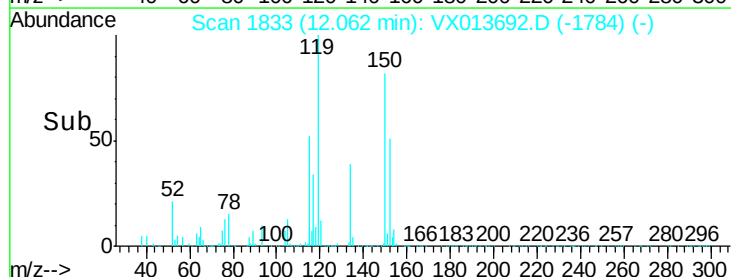
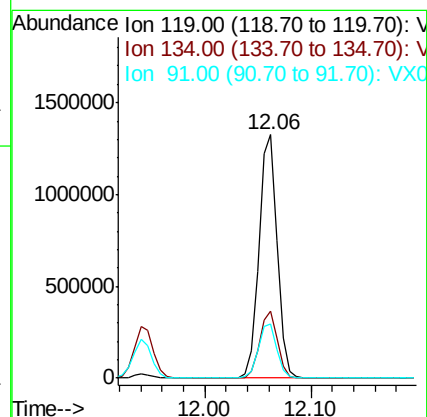
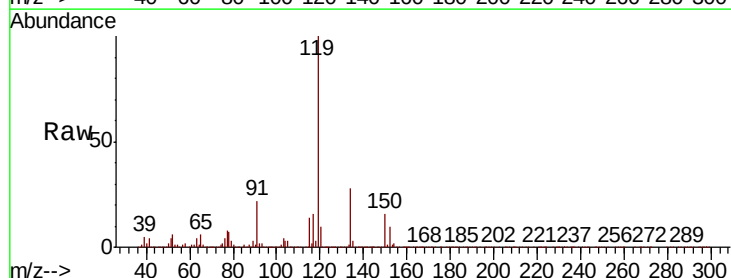
Tgt Ion:119 Resp: 1583086

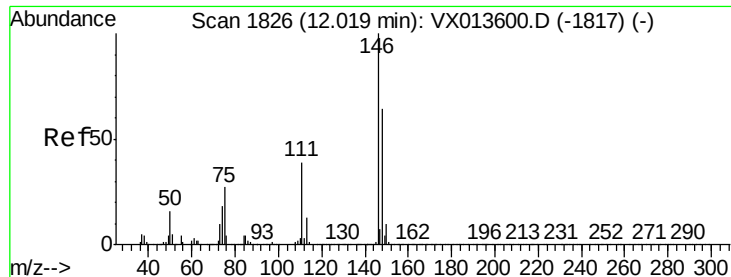
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.4 11.3 33.8





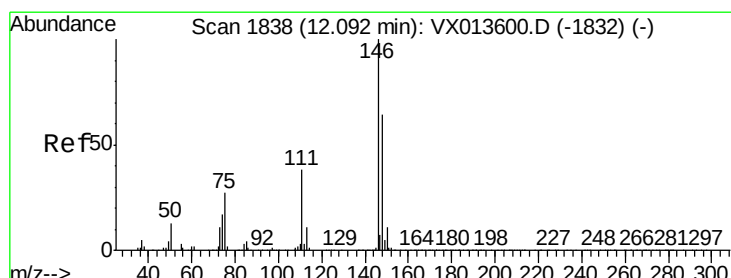
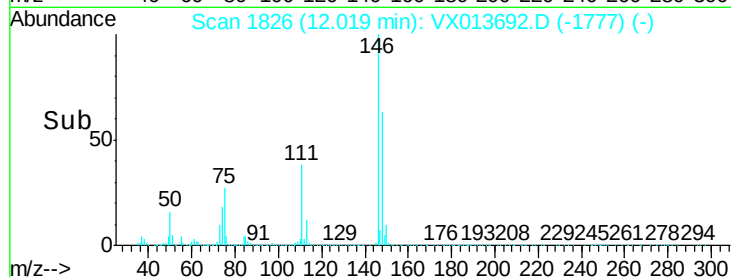
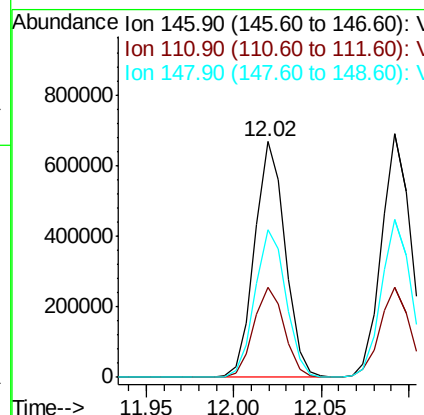
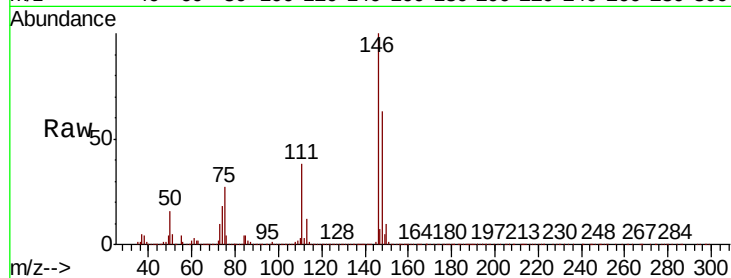
#87
 1,3-Dichlorobenzene
 Concen: 48.471 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.5	31.8	95.4

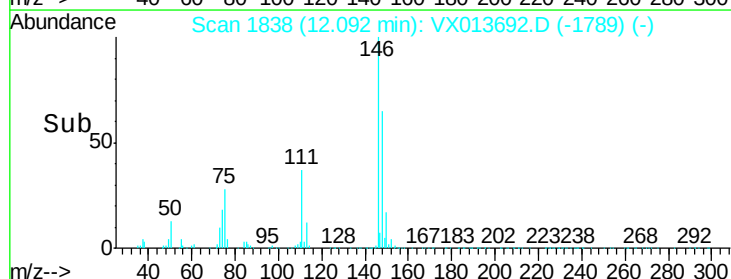
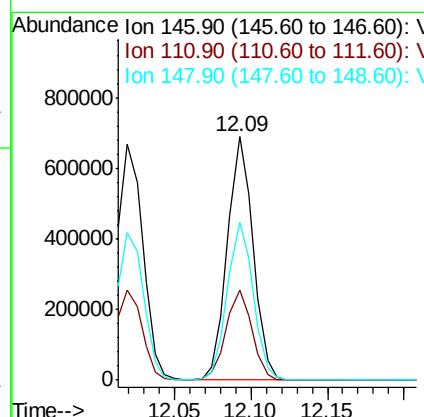
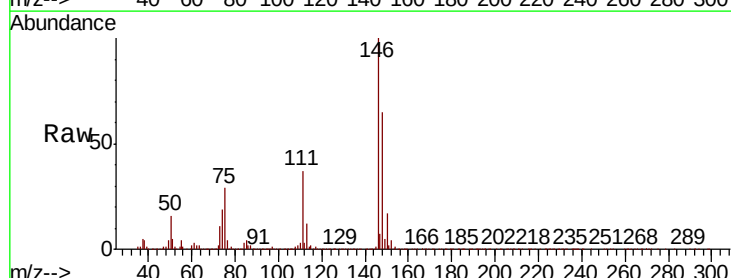
Manual Integrations
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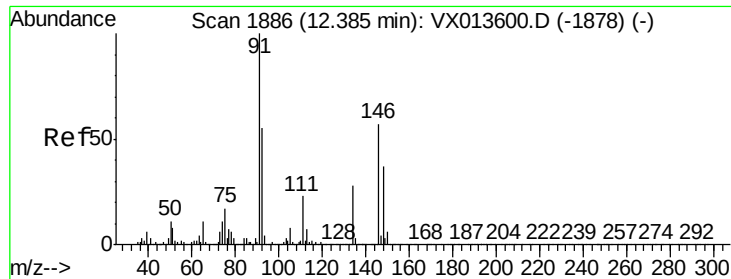
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#88
 1,4-Dichlorobenzene
 Concen: 47.199 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	65.2	31.9	95.5





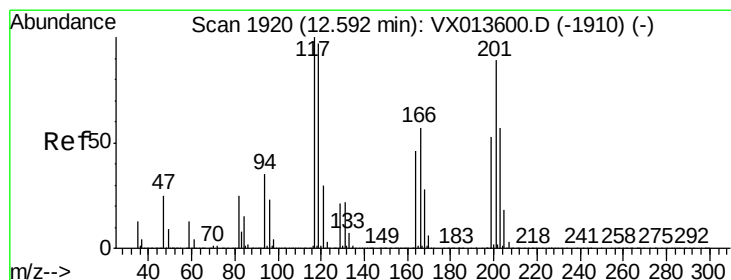
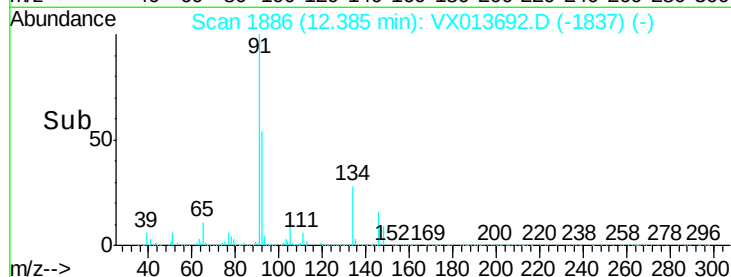
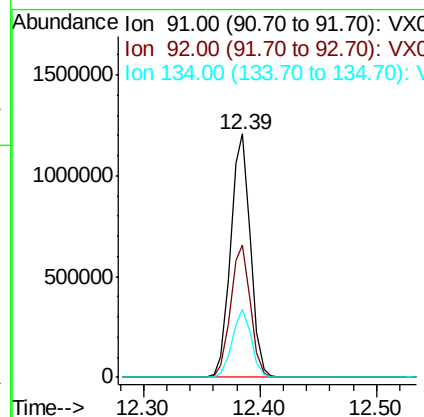
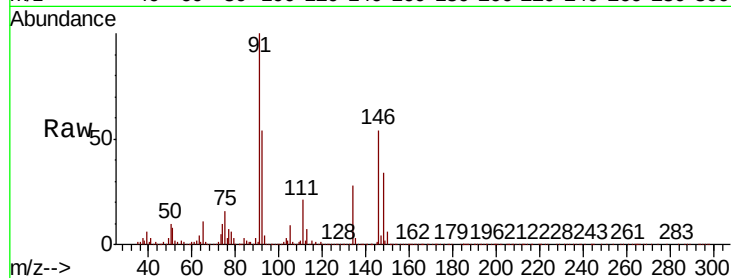
#89
n-Butylbenzene
Concen: 52.505 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	27.1	13.5	40.4

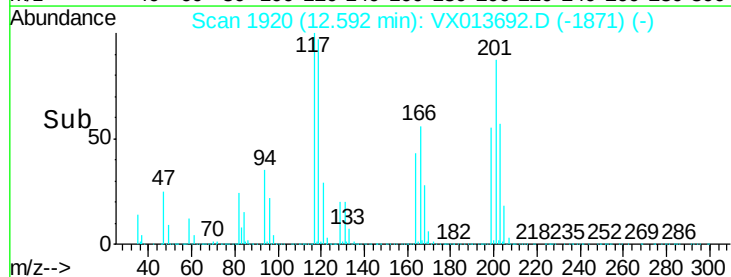
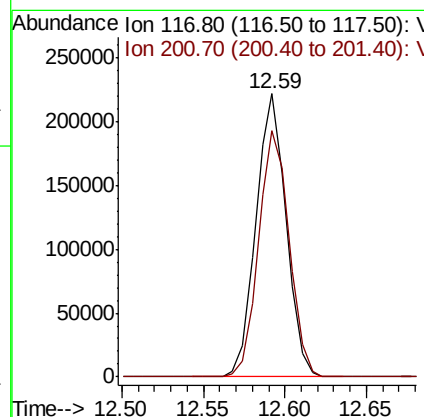
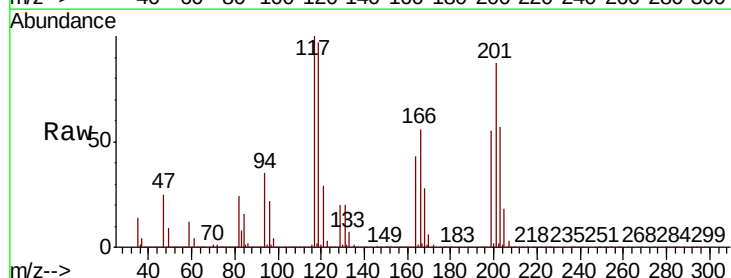
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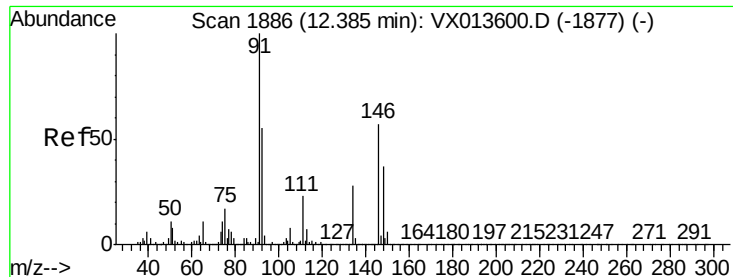
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#90
Hexachloroethane
Concen: 50.030 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 49.099 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

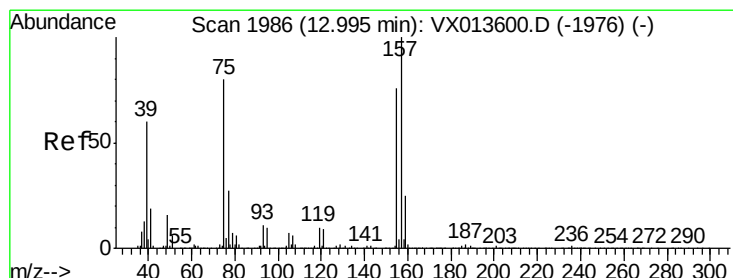
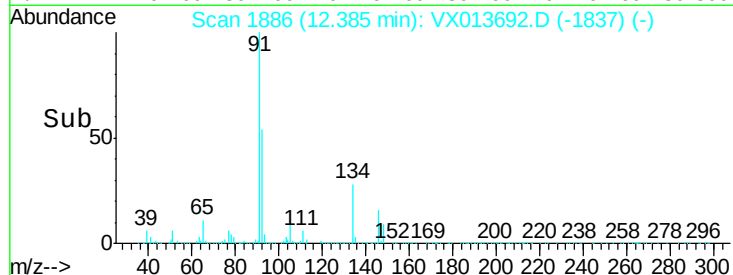
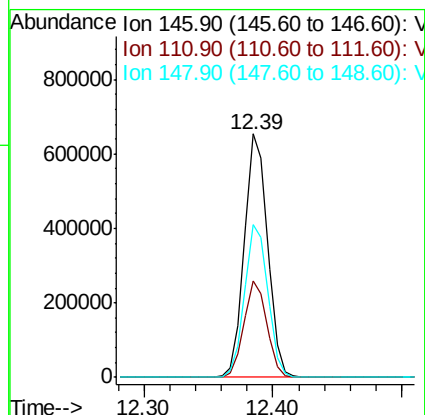
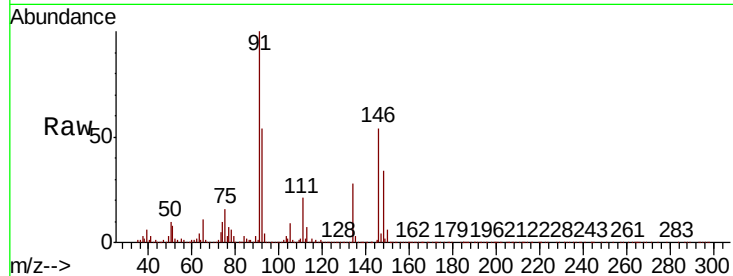
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	811938
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.7
148	63.1	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.987 ug/l

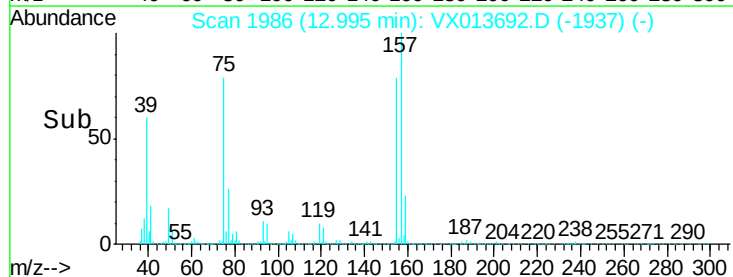
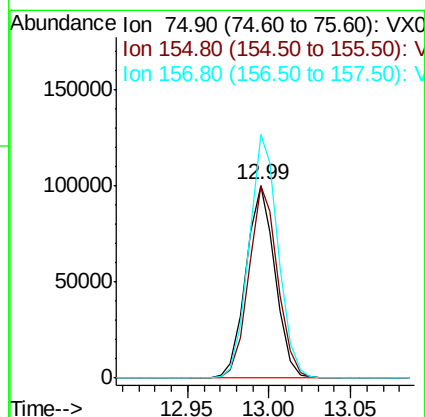
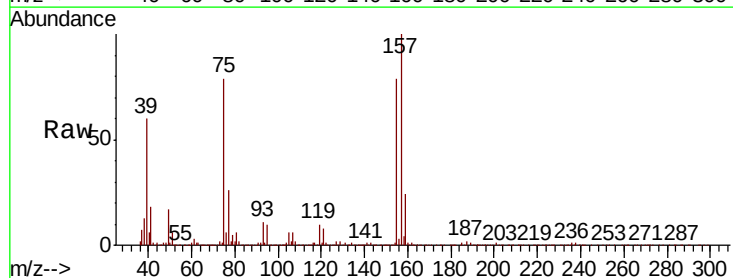
RT: 12.99 min Scan# 1986

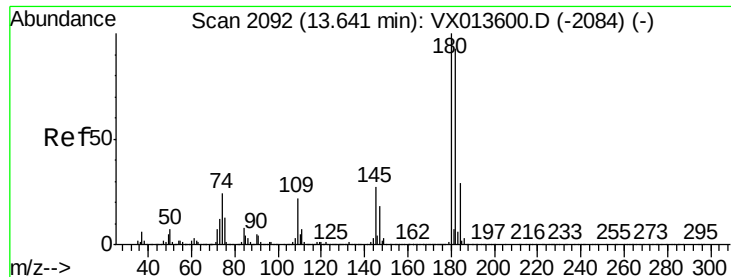
Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	75	Resp:	123431
Ion Ratio	Lower	Upper	
75	100		
155	99.4	47.6	142.8
157	127.7	62.1	186.2





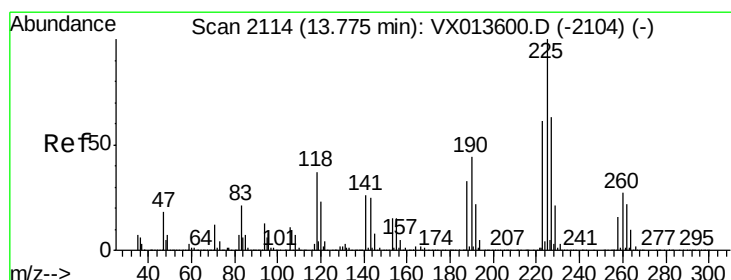
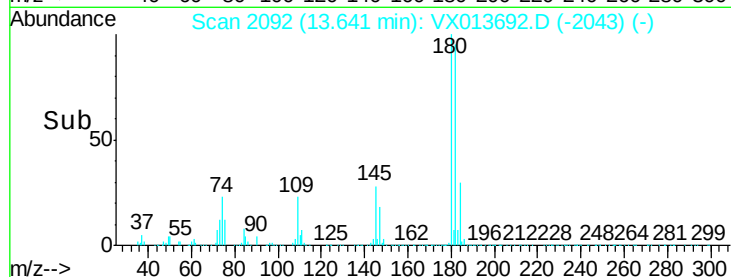
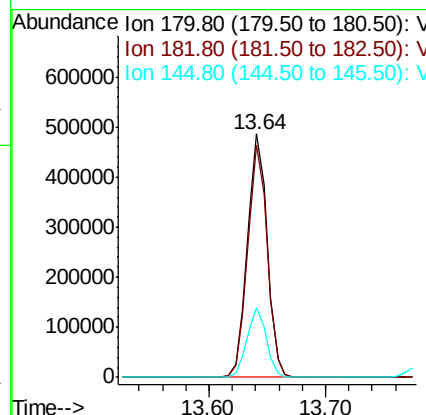
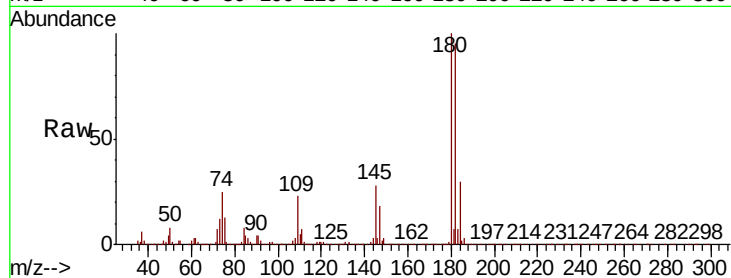
#93
1,2,4-Trichlorobenzene
Concen: 50.244 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.2	141.6
145	28.1	13.8	41.4

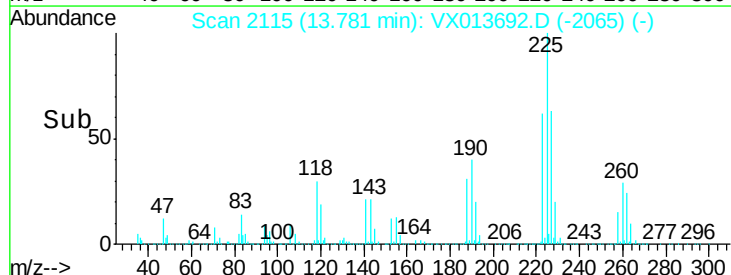
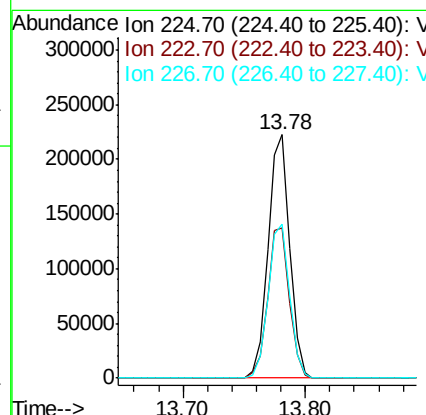
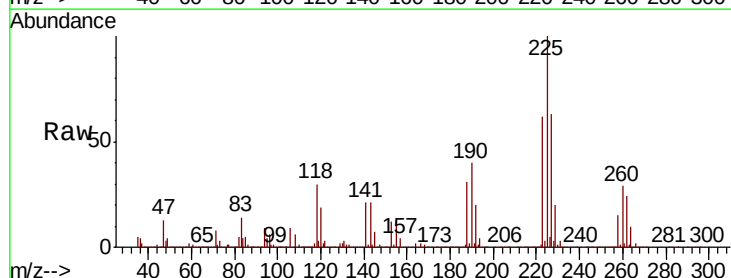
Manual Integrations
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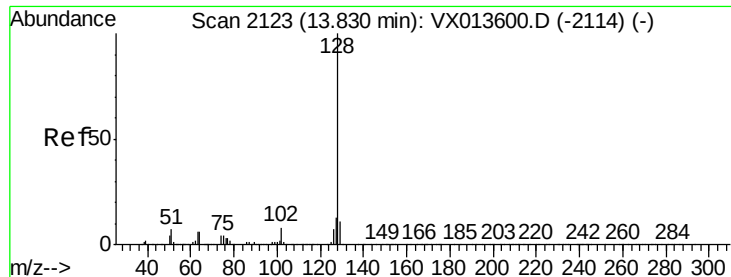
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#94
Hexachlorobutadiene
Concen: 49.368 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.5
227	62.8	32.1	96.3





#95

Naphthalene

Concen: 49.828 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

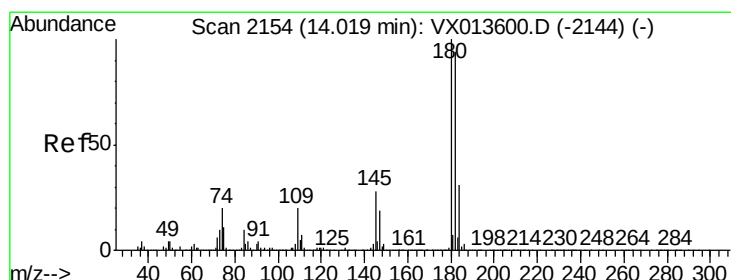
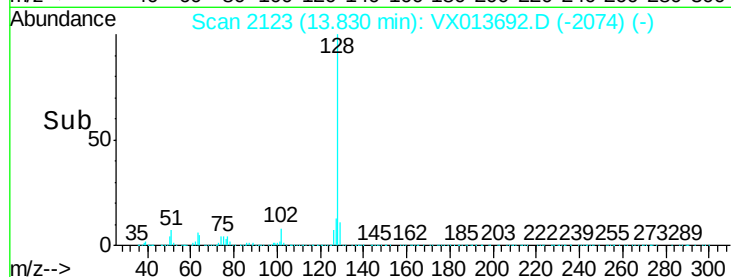
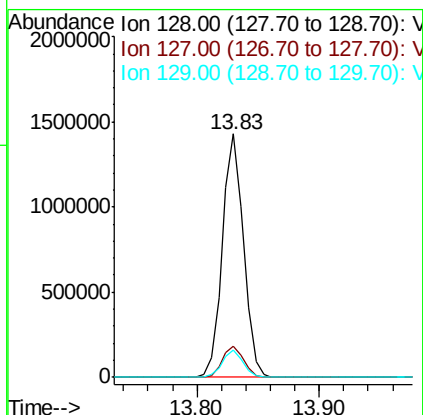
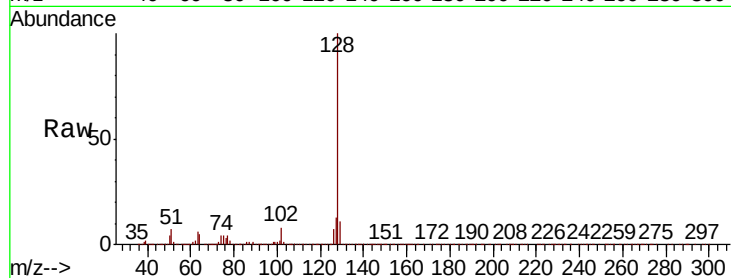
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1710181
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.381 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion:	180	Resp:	563492
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	30.1	15.0	45.0

