

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013812.D
 Acq On : 06 Dec 2019 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/9/2019 9:08:08 AM

Quant Time: Dec 07 04:44:11 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	589048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	905448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	404445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	315684	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	258825	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	8.71	98	991262	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.14	95	363360	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	305155	46.543	ug/l	98
3) Chloromethane	1.32	50	341207	46.380	ug/l	99
4) Vinyl Chloride	1.40	62	406883	49.139	ug/l	98
5) Bromomethane	1.63	94	252065	45.329	ug/l	98
6) Chloroethane	1.71	64	222217	47.161	ug/l	96
7) Trichlorofluoromethane	1.92	101	434996	47.311	ug/l	100
8) Diethyl Ether	2.18	74	207145	49.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266371	47.430	ug/l	100
10) Methyl Iodide	2.50	142	340272	50.087	ug/l	100
11) Tert butyl alcohol	3.03	59	358138	212.202	ug/l	100
12) 1,1-Dichloroethene	2.36	96	269910	48.148	ug/l	98
13) Acrolein	2.28	56	302935	267.951	ug/l	99
14) Allyl chloride	2.72	41	484031	47.579	ug/l	100
15) Acrylonitrile	3.13	53	854785	245.363	ug/l	100
16) Acetone	2.44	43	955957	283.182	ug/l	99
17) Carbon Disulfide	2.56	76	685129	42.873	ug/l	99
18) Methyl Acetate	2.76	43	513318	54.607	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	924180	49.765	ug/l	99
20) Methylene Chloride	2.85	84	308691	47.598	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	283322	46.394	ug/l	97
22) Diisopropyl ether	3.84	45	985279	50.298	ug/l	99
23) Vinyl Acetate	3.80	43	2921367	179.272	ug/l	99
24) 1,1-Dichloroethane	3.69	63	533414	49.812	ug/l	99
25) 2-Butanone	4.66	43	1300780	259.273	ug/l	98
26) 2,2-Dichloropropane	4.58	77	383127	43.243	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	338316	48.240	ug/l	98
28) Bromochloromethane	5.00	49	227443	53.748	ug/l	99
29) Tetrahydrofuran	5.11	42	764426	247.160	ug/l	99
30) Chloroform	5.20	83	519892	47.872	ug/l	97
31) Cyclohexane	5.58	56	463944	45.934	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443787	48.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	386535	47.028	ug/l	99
37) Ethyl Acetate	4.82	43	462245	50.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	371420	49.008	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	467594	46.024	ug/l	98
40) Benzene	6.14	78	1205275	48.148	ug/l	99
41) Methacrylonitrile	5.03	41	258776	51.174	ug/l	99
42) 1,2-Dichloroethane	6.18	62	418302	48.997	ug/l	100
43) Isopropyl Acetate	6.43	43	747917	49.269	ug/l	100
44) Trichloroethene	7.21	130	338167	49.222	ug/l	100
45) 1,2-Dichloropropane	7.51	63	315744	50.413	ug/l	97
46) Dibromomethane	7.65	93	206790	48.613	ug/l	100
47) Bromodichloromethane	7.89	83	407887	50.722	ug/l	100
48) Methyl methacrylate	7.76	41	375285	50.881	ug/l	99
49) 1,4-Dioxane	7.73	88	137157	830.771	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2390757	250.376	ug/l	100
52) Toluene	8.78	92	759596	48.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	444472	48.558	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	492553	49.254	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	315515	50.346	ug/l	99
56) Ethyl methacrylate	9.17	69	509446	50.562	ug/l	99
57) 1,3-Dichloropropane	9.37	76	531731	49.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	972697	246.227	ug/l	100
59) 2-Hexanone	9.48	43	1891205	253.946	ug/l	99
60) Dibromochloromethane	9.58	129	331727	51.005	ug/l	99
61) 1,2-Dibromoethane	9.67	107	325849	48.682	ug/l	100
64) Tetrachloroethene	9.33	164	464803	76.815	ug/l	97
65) Chlorobenzene	10.14	112	816169	48.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	303638	50.193	ug/l	99
67) Ethyl Benzene	10.25	91	1443370	49.860	ug/l	100
68) m/p-Xylenes	10.35	106	1093084	98.626	ug/l	100
69) o-Xylene	10.70	106	541271	50.075	ug/l	99
70) Styrene	10.71	104	928877	51.085	ug/l	99
71) Bromoform	10.85	173	257749	51.495	ug/l #	100
73) Isopropylbenzene	11.01	105	1430001	50.405	ug/l	100
74) N-amyl acetate	10.89	43	653556	50.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	471417	47.915	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	390413m	42.918	ug/l	
77) Bromobenzene	11.25	156	372449	48.595	ug/l	99
78) n-propylbenzene	11.35	91	1608783	50.798	ug/l	100
79) 2-Chlorotoluene	11.42	91	950301	50.021	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1180590	50.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156587	47.093	ug/l	99
82) 4-Chlorotoluene	11.51	91	1091022	49.583	ug/l	99
83) tert-Butylbenzene	11.76	119	1023048	43.293	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1186432	50.276	ug/l	100
85) sec-Butylbenzene	11.94	105	1372861	50.863	ug/l	100
86) p-Isopropyltoluene	12.06	119	1249886	49.776	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	648439	48.535	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	648186	47.632	ug/l	100
89) n-Butylbenzene	12.39	91	1076889	50.283	ug/l	99
90) Hexachloroethane	12.59	117	231481	51.001	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	654191	49.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	105788	49.376	ug/l	97

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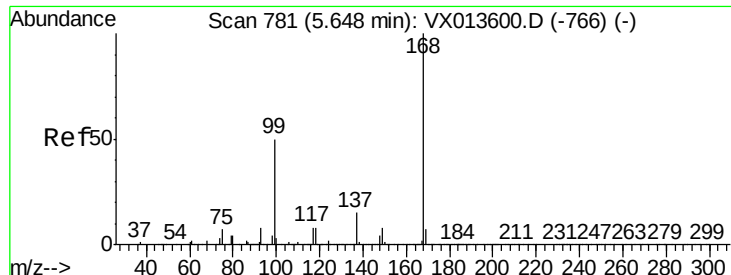
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	439463	47.769	ug/l	97
94) Hexachlorobutadiene	13.78	225	214189	48.466	ug/l	98
95) Naphthalene	13.83	128	1394527	50.901	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	451592	49.577	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 589048

Ion Ratio Lower Upper

168 100

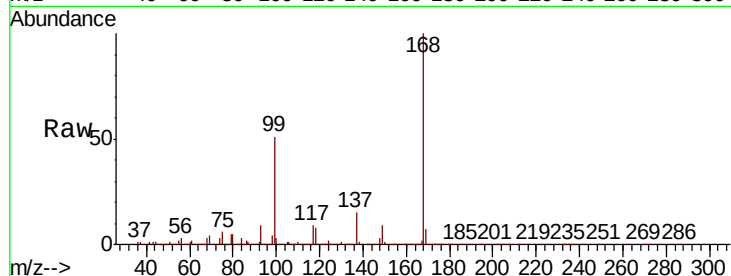
99 50.5 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

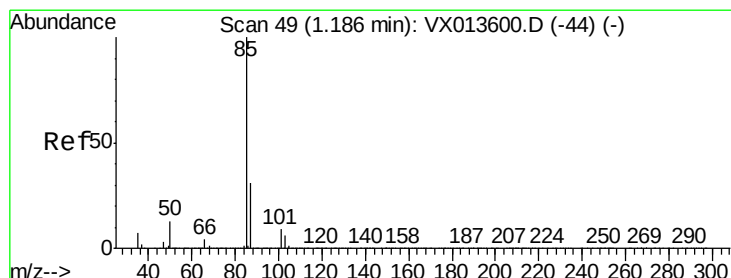
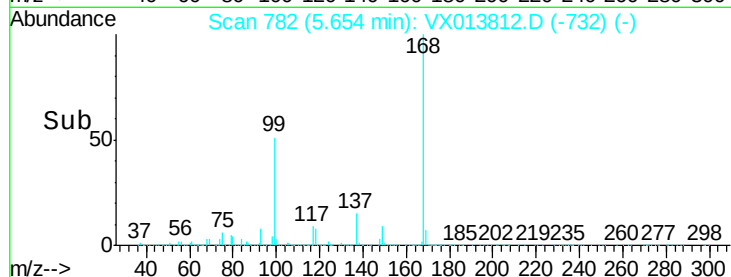
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.543 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013812.D

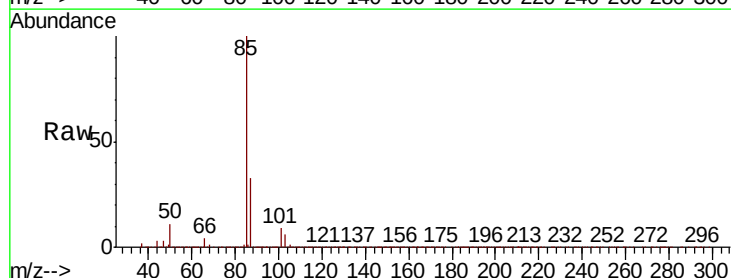
Acq: 06 Dec 2019 20:31

Tgt Ion: 85 Resp: 305155

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

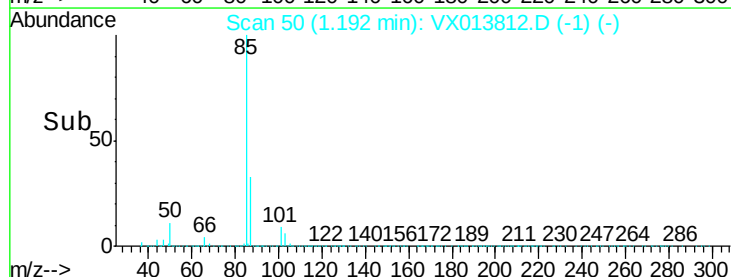
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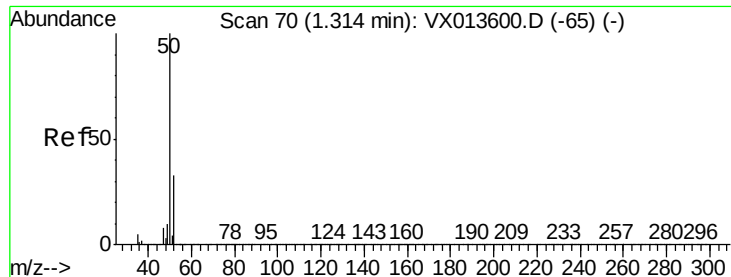
200000

100000

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Time-->





#3

Chloromethane

Concen: 46.380 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 341207

Ion Ratio Lower Upper

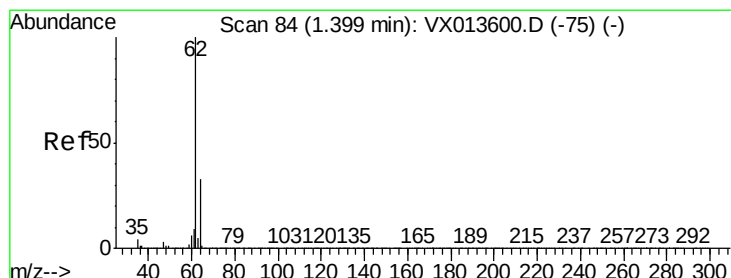
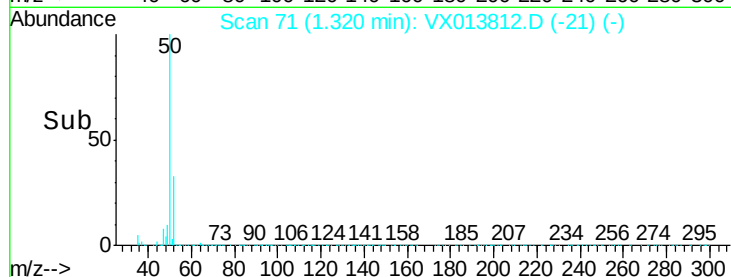
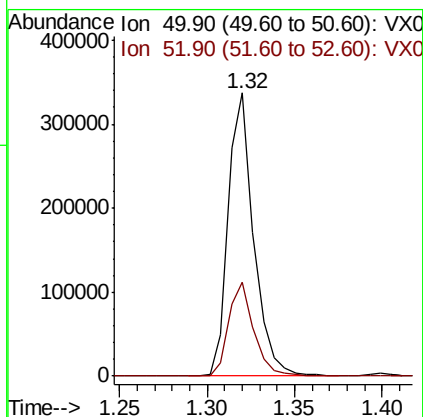
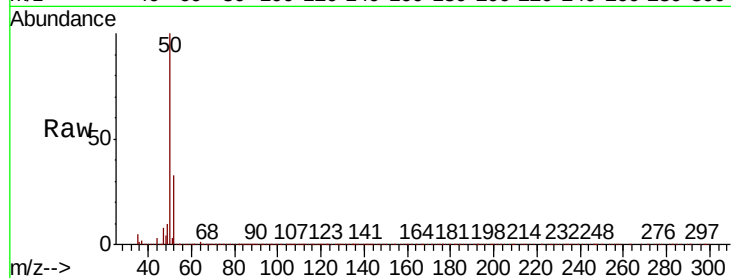
50 100

52 33.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.139 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013812.D

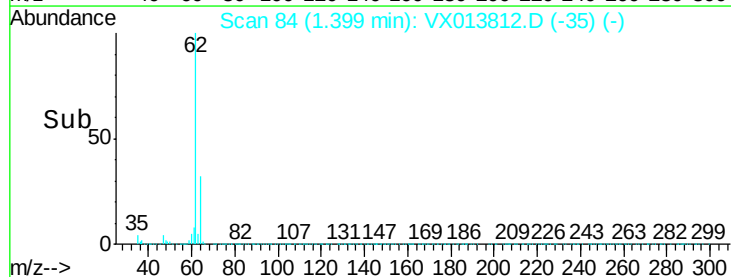
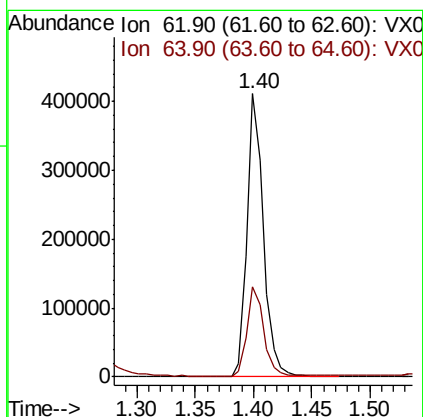
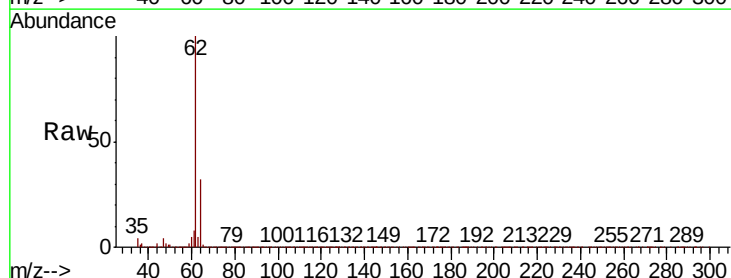
Acq: 06 Dec 2019 20:31

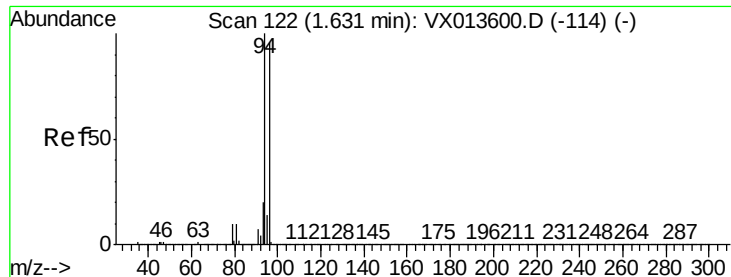
Tgt Ion: 62 Resp: 406883

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 45.329 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 252065

Ion Ratio Lower Upper

94 100

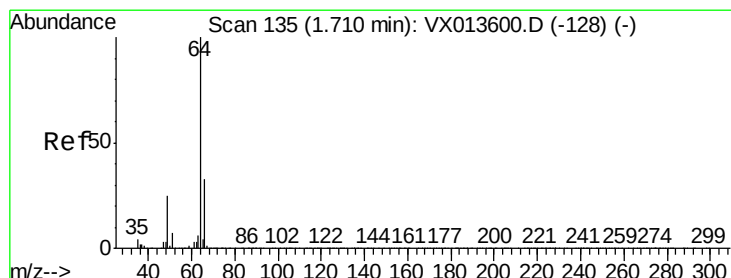
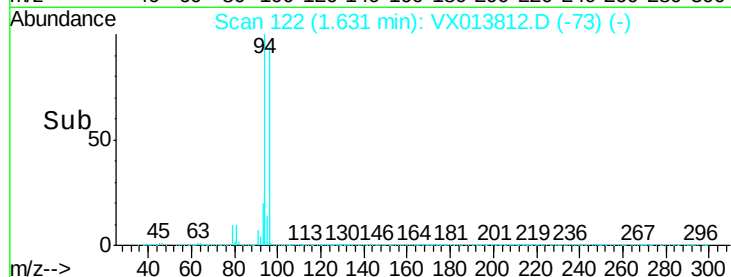
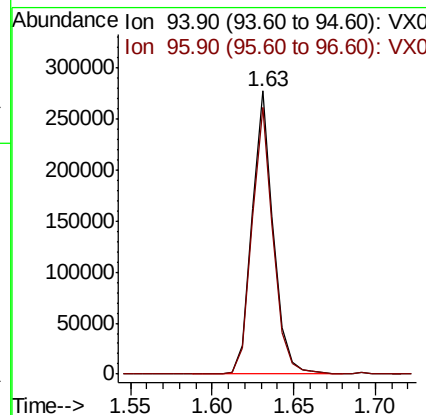
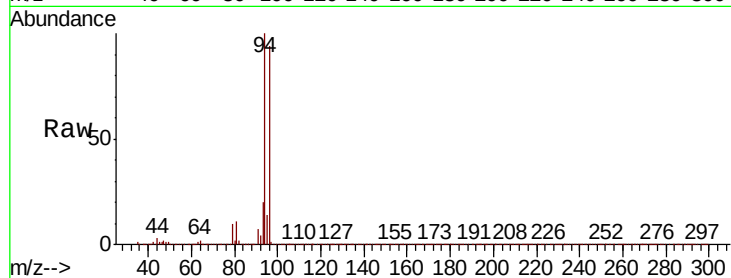
96 94.0 77.0 115.4

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#6

Chloroethane

Concen: 47.161 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013812.D

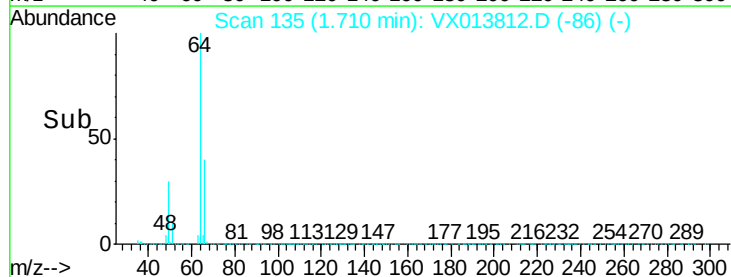
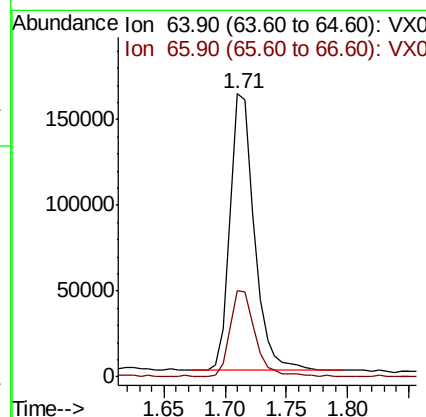
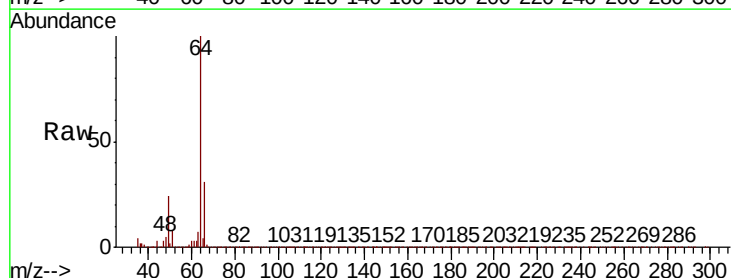
Acq: 06 Dec 2019 20:31

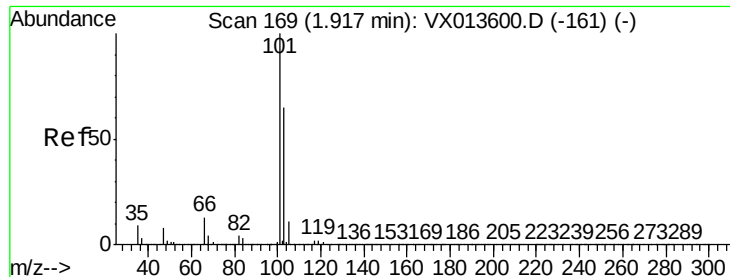
Tgt Ion: 64 Resp: 222217

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1





#7

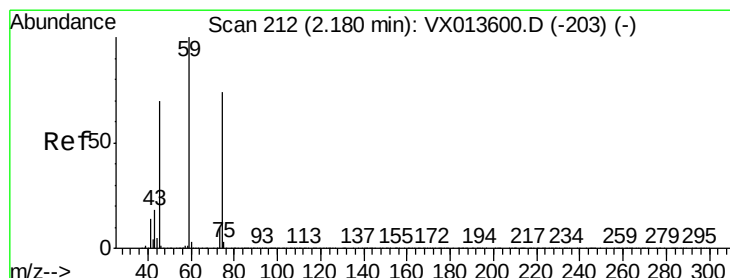
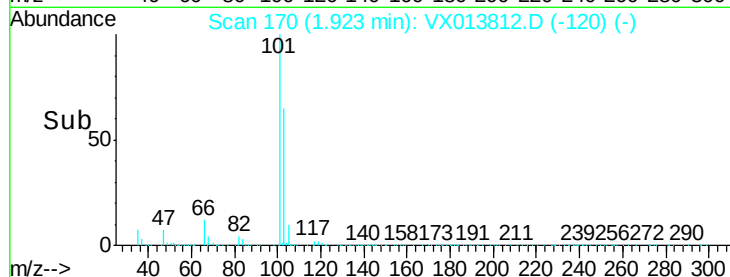
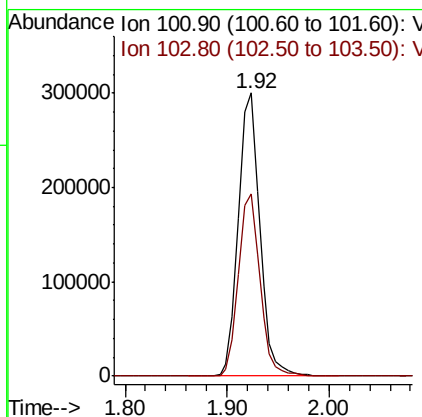
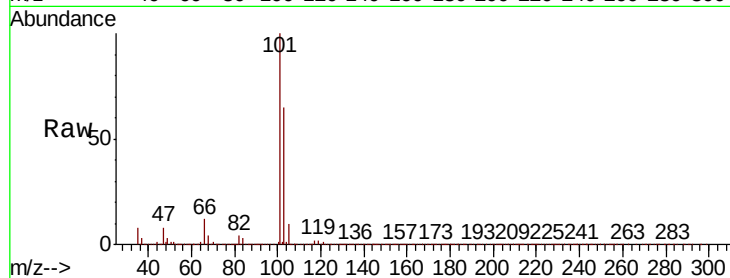
Trichlorofluoromethane
Concen: 47.311 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.6

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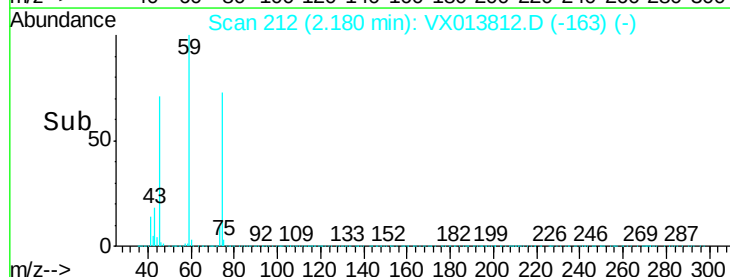
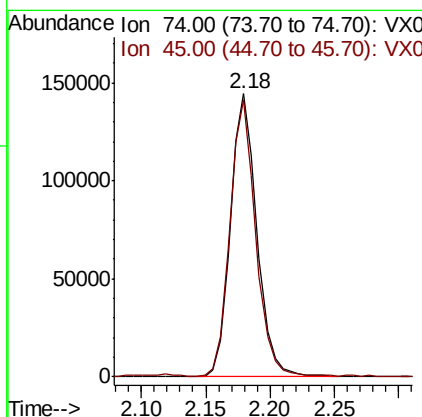
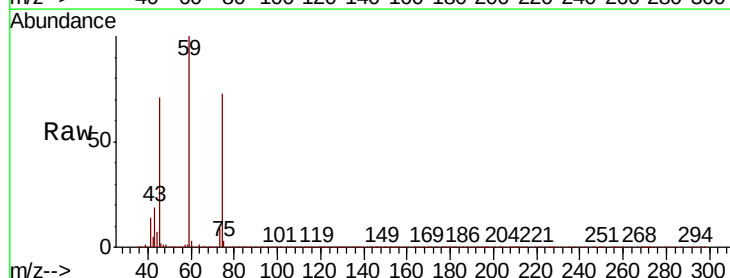
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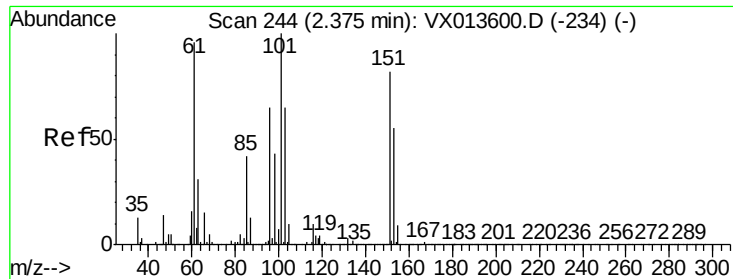


#8

Diethyl Ether
Concen: 49.799 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.9	146.8





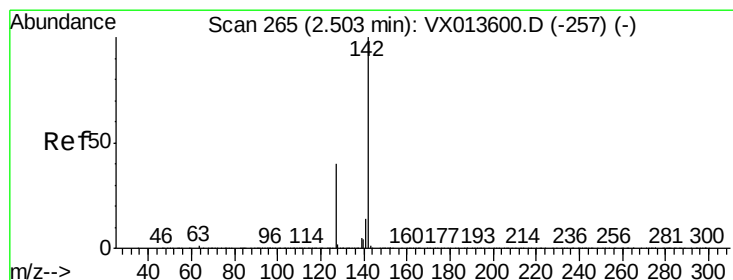
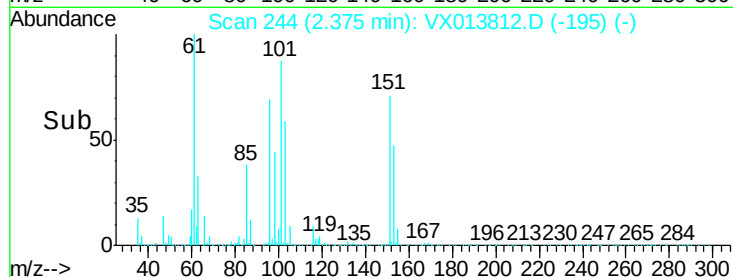
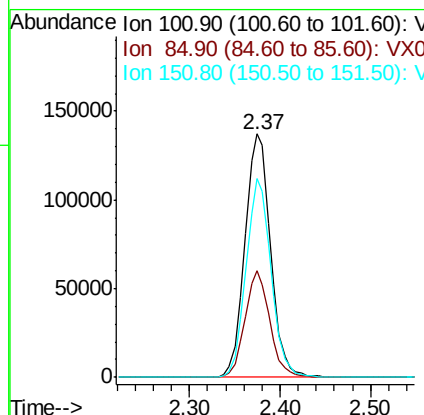
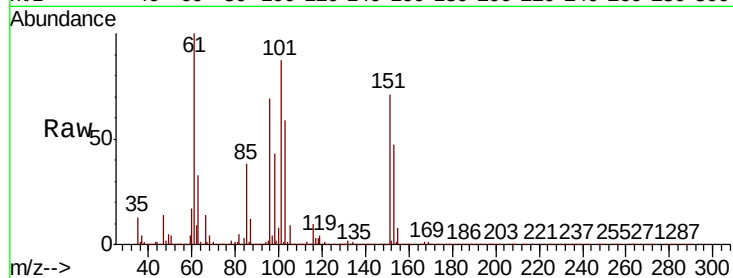
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.430 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VX013812.D
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	41.9	33.9	50.9
151	80.4	64.2	96.2

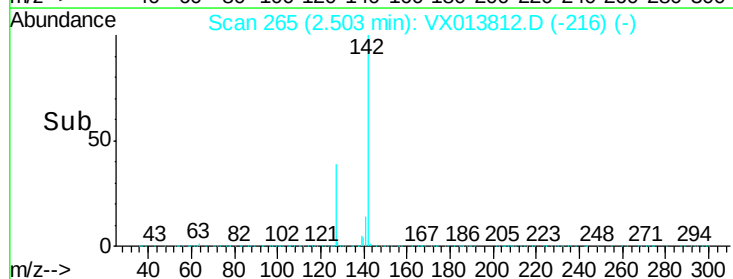
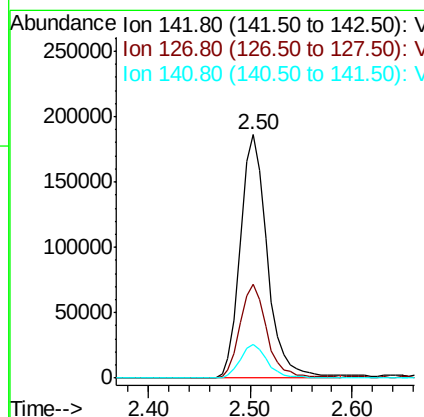
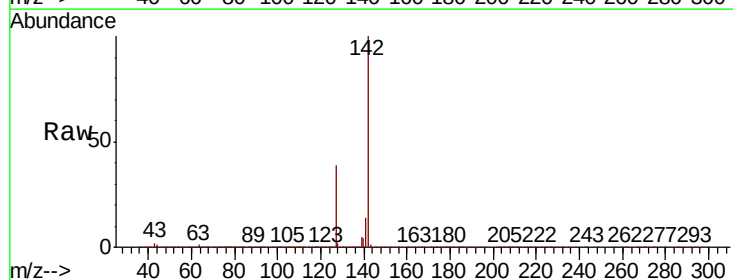
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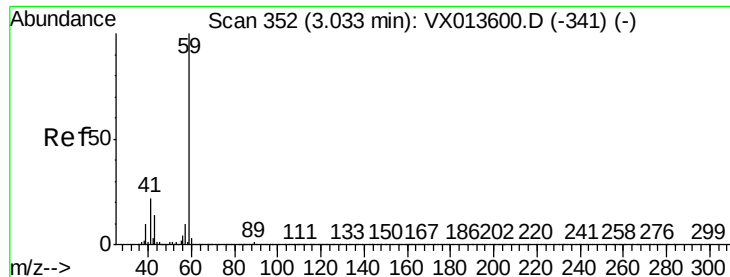
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#10
 Methyl Iodide
 Concen: 50.087 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	38.7	31.0	46.4
141	13.8	11.6	17.4





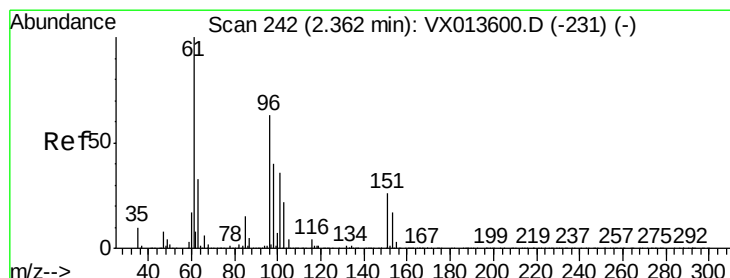
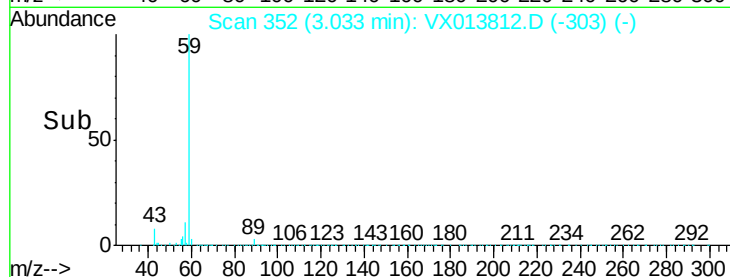
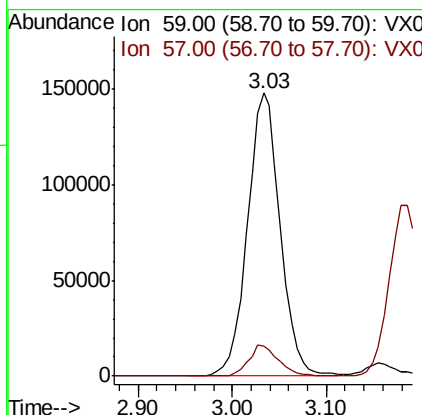
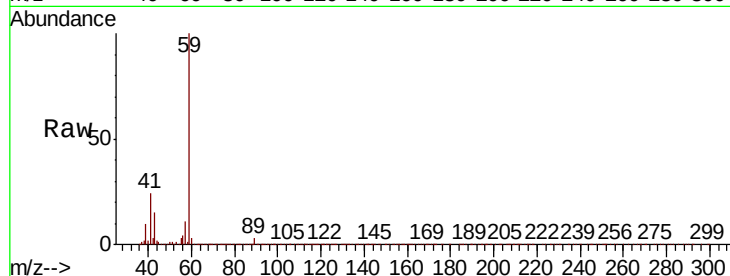
#11
Tert butyl alcohol
Concen: 212.202 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

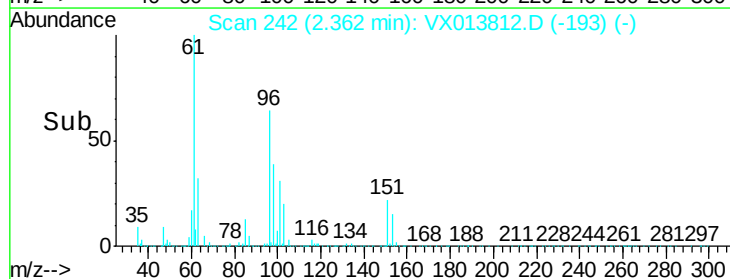
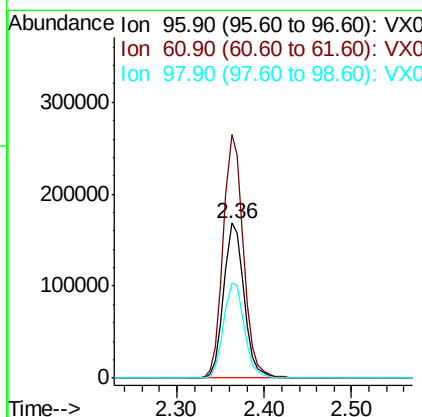
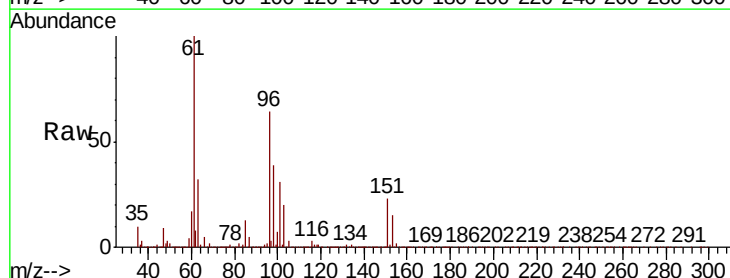
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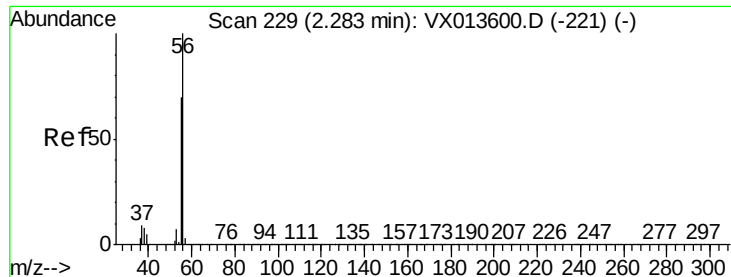
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#12
1,1-Dichloroethene
Concen: 48.148 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	126.6	190.0
98	60.9	50.6	76.0





#13

Acrolein

Concen: 267.951 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 302935

Ion Ratio Lower Upper

56 100

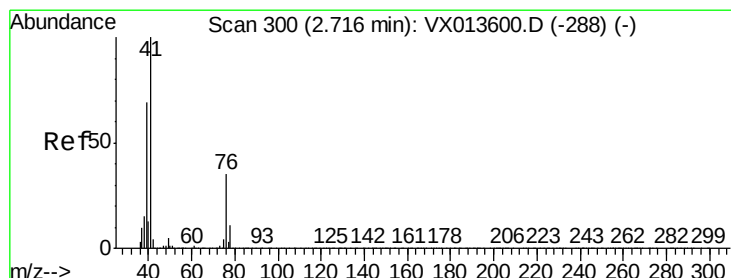
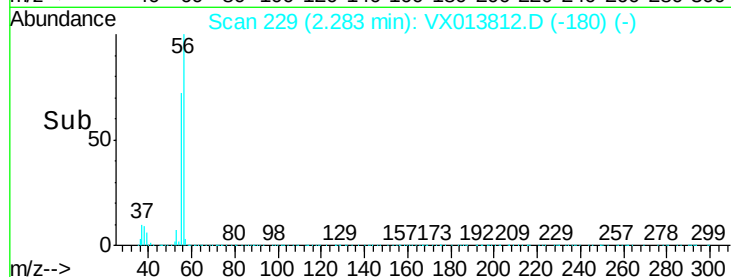
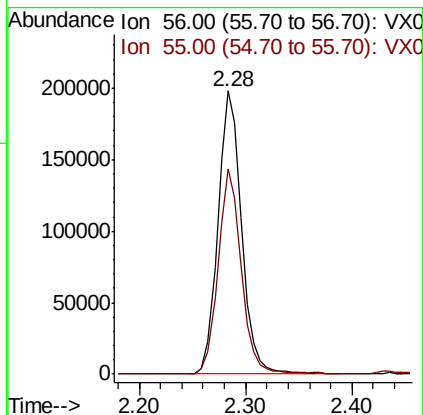
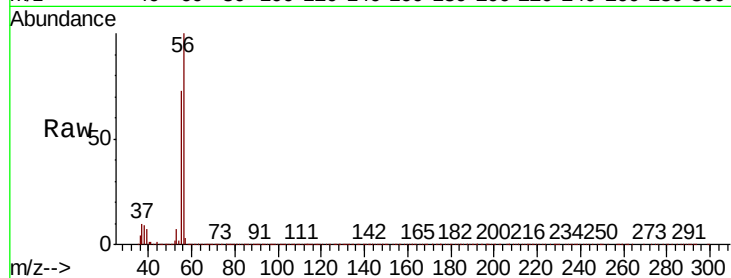
55 71.1 56.2 84.4

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#14

Allyl chloride

Concen: 47.579 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

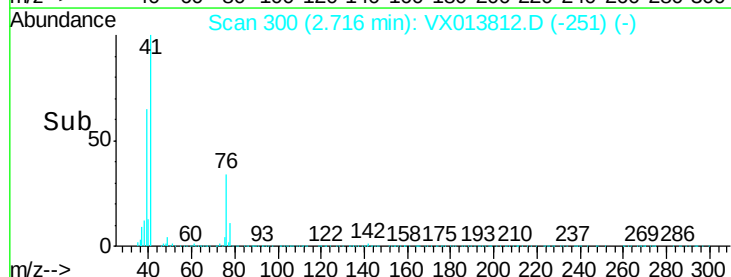
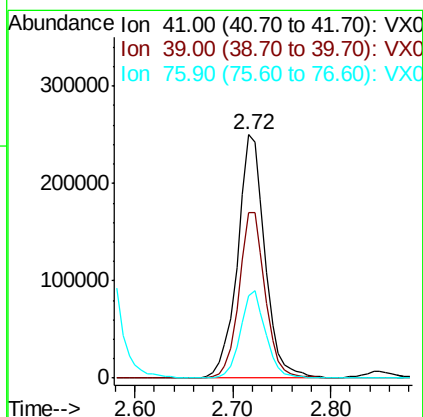
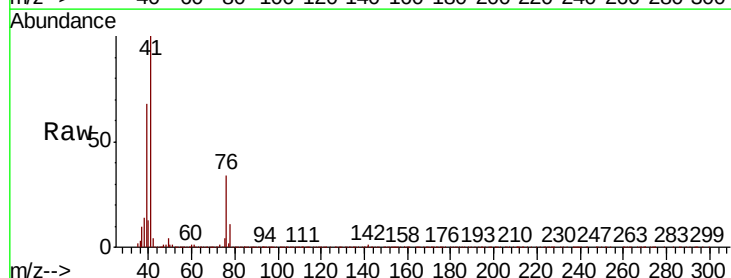
Tgt Ion: 41 Resp: 484031

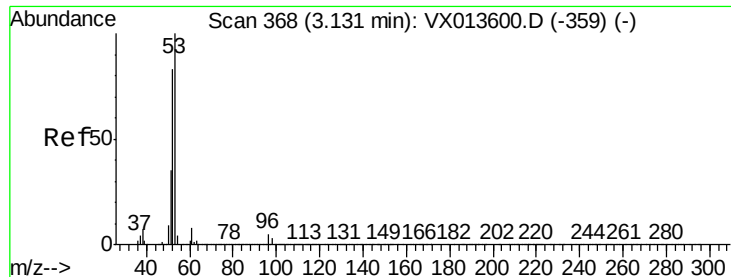
Ion Ratio Lower Upper

41 100

39 64.8 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 245.363 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

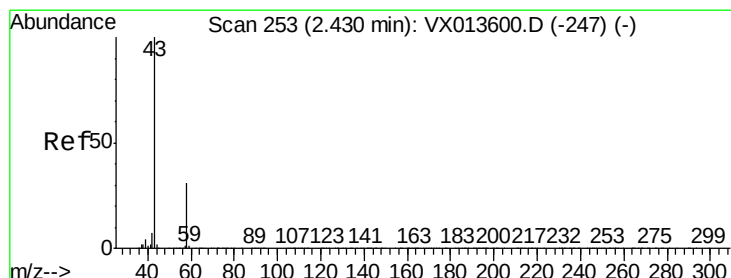
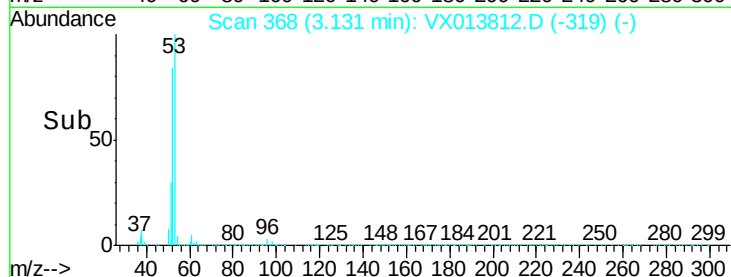
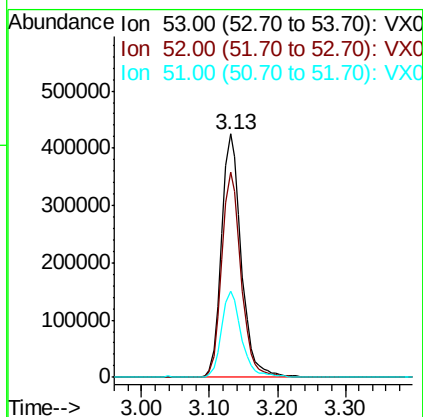
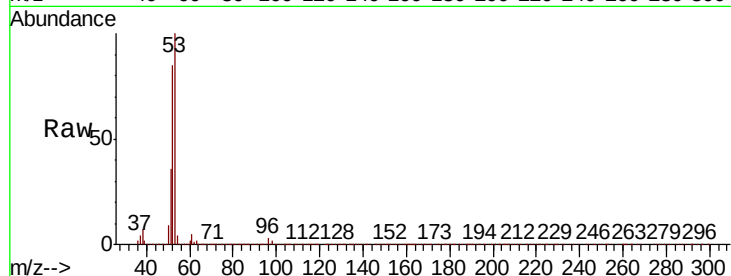
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	854785
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.6	29.0	43.6

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#16

Acetone

Concen: 283.182 ug/l

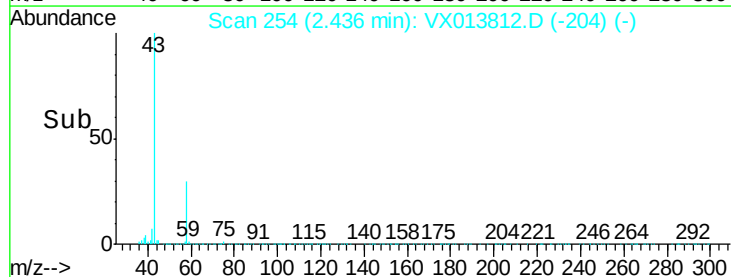
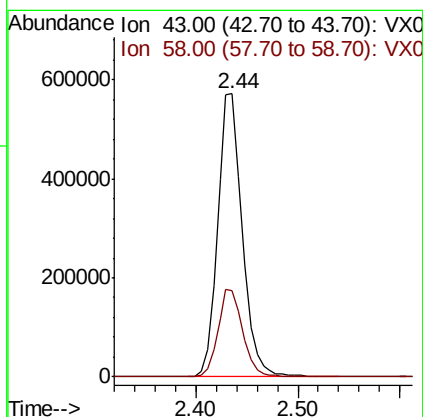
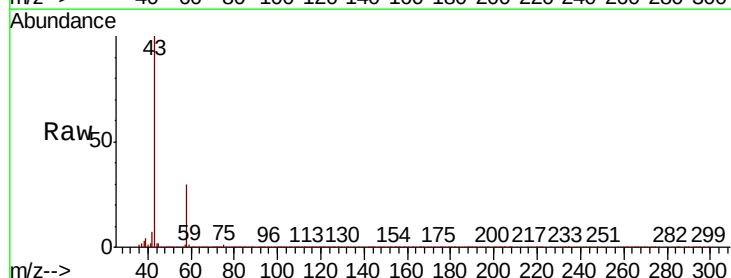
RT: 2.44 min Scan# 254

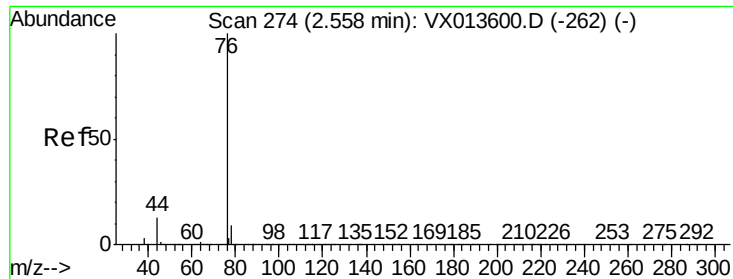
Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	43	Resp:	955957
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.6	36.8





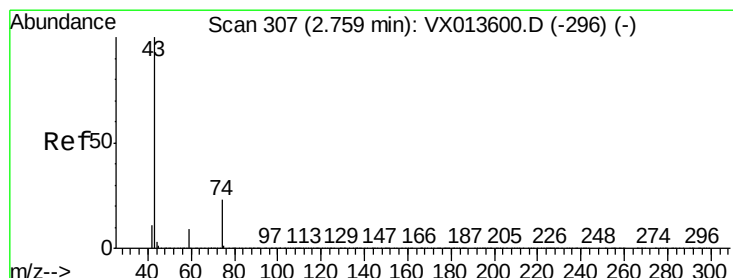
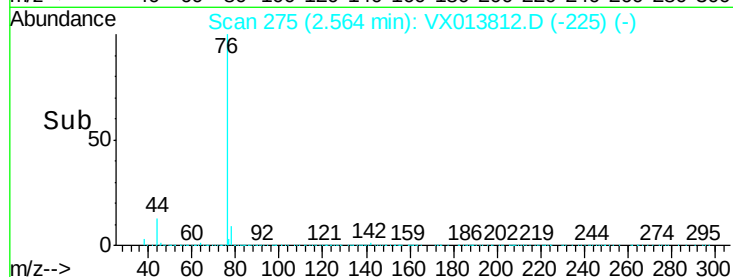
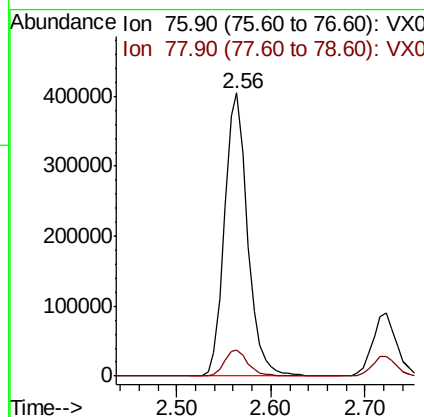
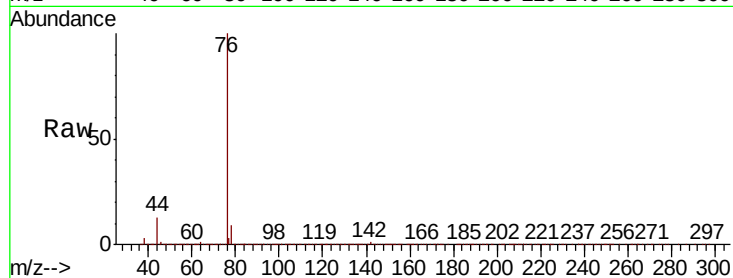
#17
Carbon Disulfide
Concen: 42.873 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

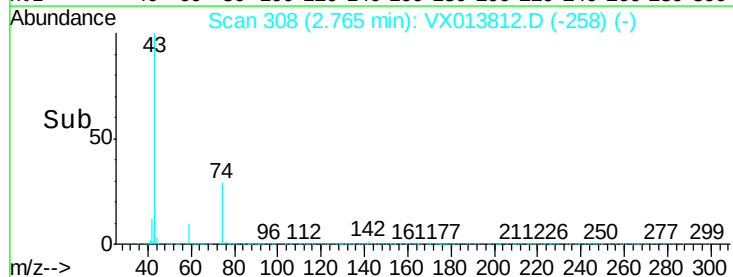
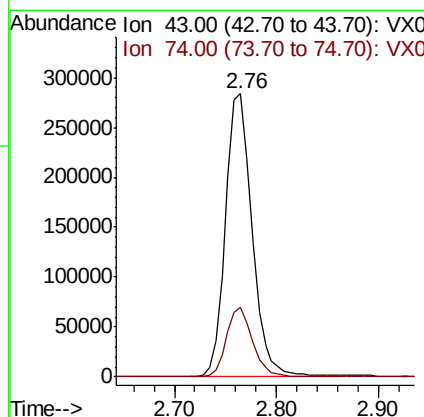
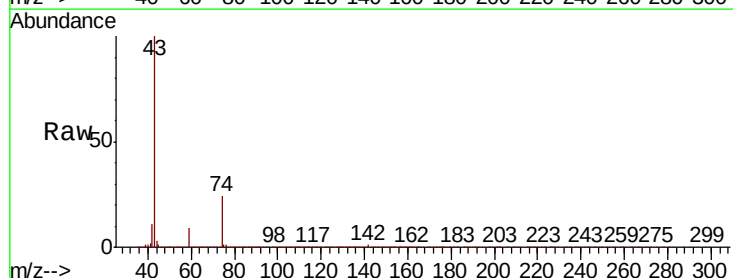
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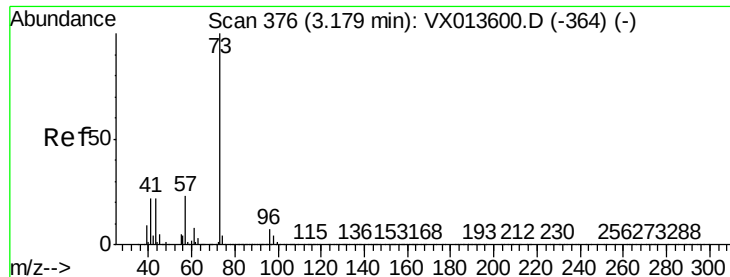
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#18
Methyl Acetate
Concen: 54.607 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





#19

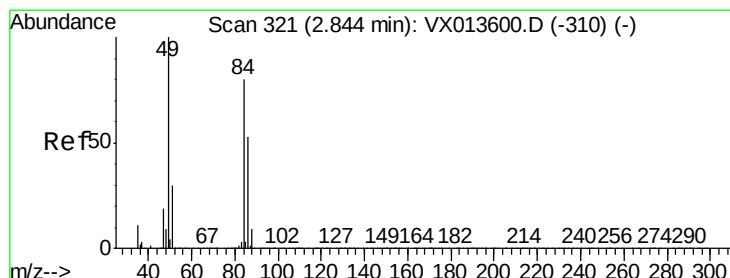
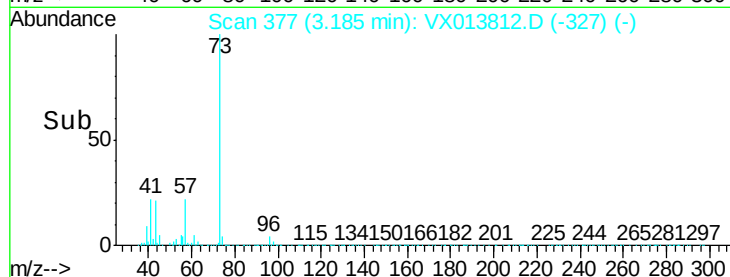
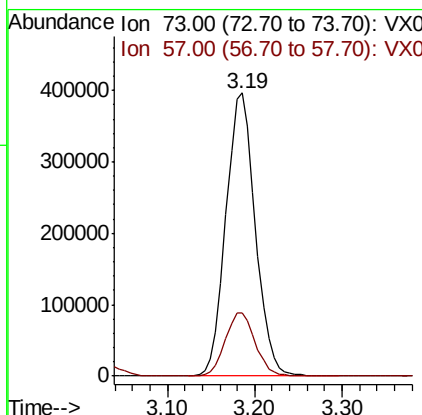
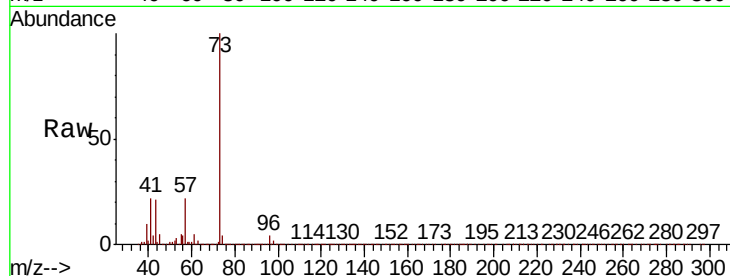
Methyl tert-butyl Ether
Concen: 49.765 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.3	27.5

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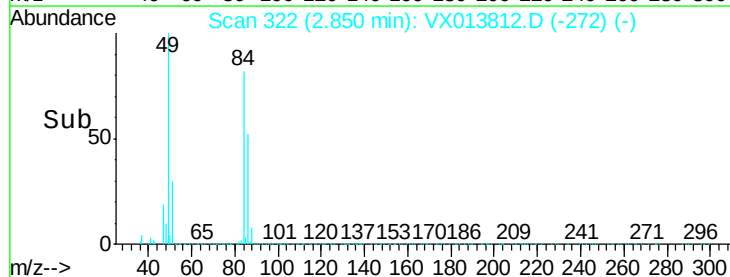
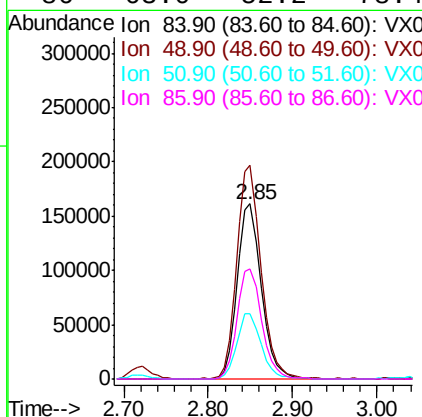
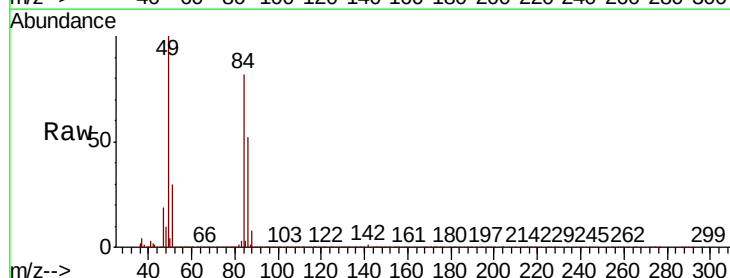
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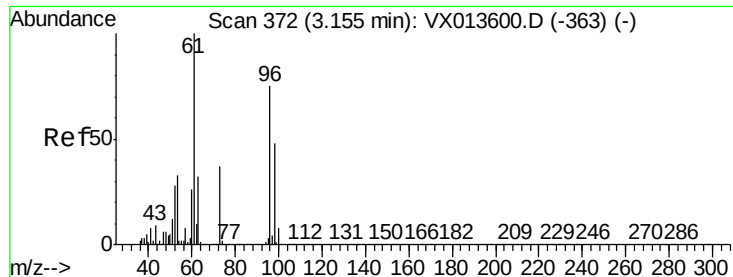


#20

Methylene Chloride
Concen: 47.598 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	99.7	149.5
51	37.0	29.9	44.9
86	63.0	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 46.394 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

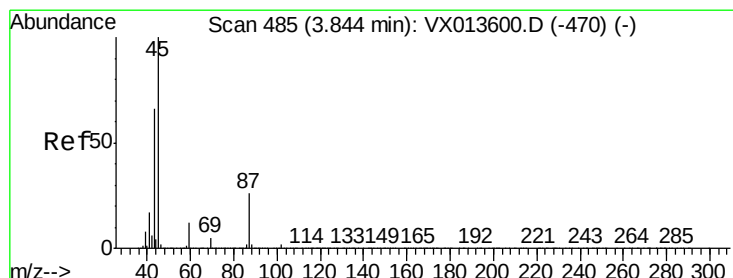
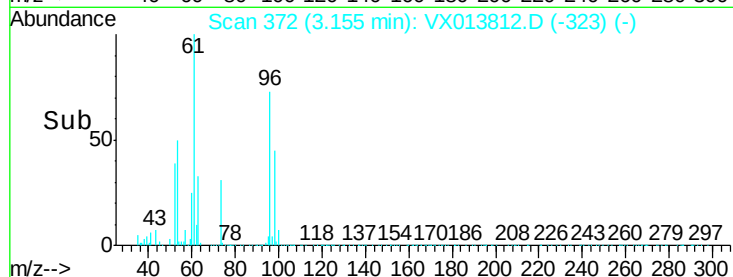
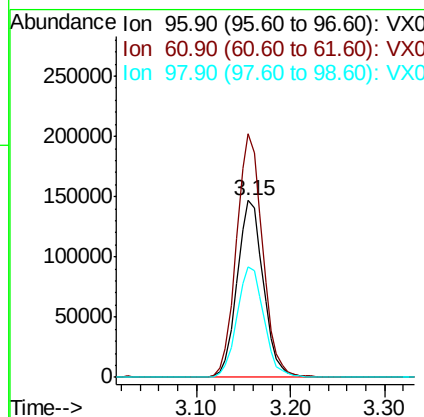
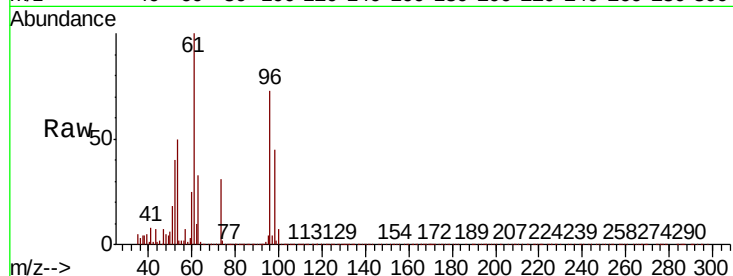
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	283322
Ion	Ratio	Lower	Upper
96	100		
61	137.7	107.2	160.8
98	62.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.298 ug/l

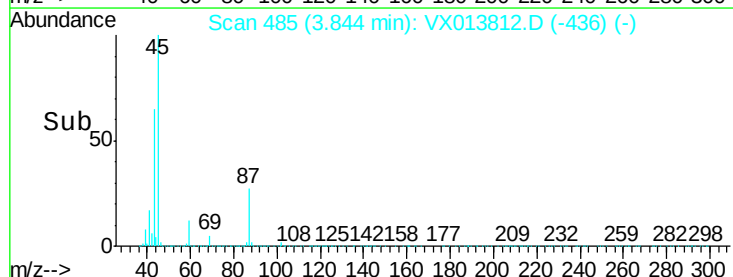
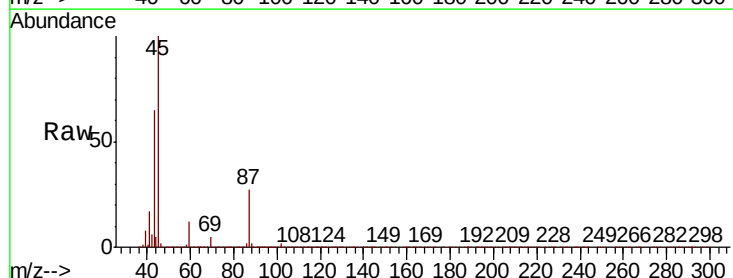
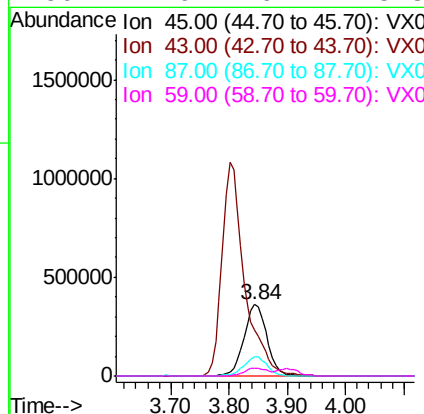
RT: 3.84 min Scan# 485

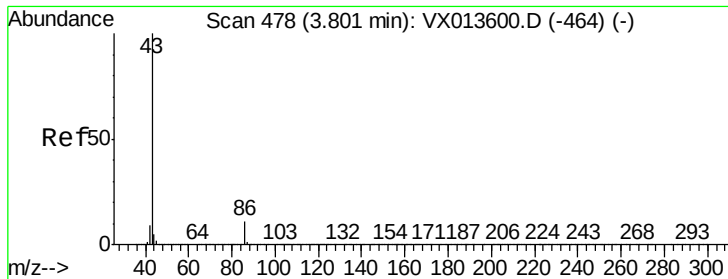
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	45	Resp:	985279
Ion	Ratio	Lower	Upper
45	100		
43	65.0	52.6	79.0
87	27.4	21.1	31.7
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 179.272 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tot Ion: 43 Resp: 2921367

Ion Ratio Lower Upper

43 100

86 10.6 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

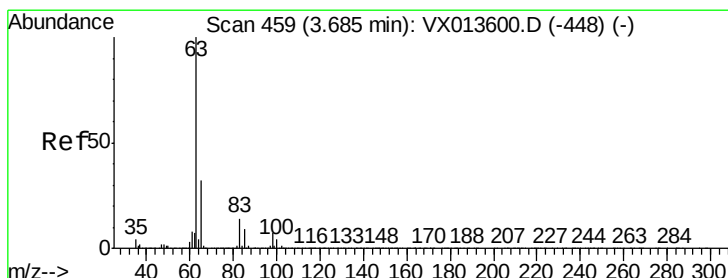
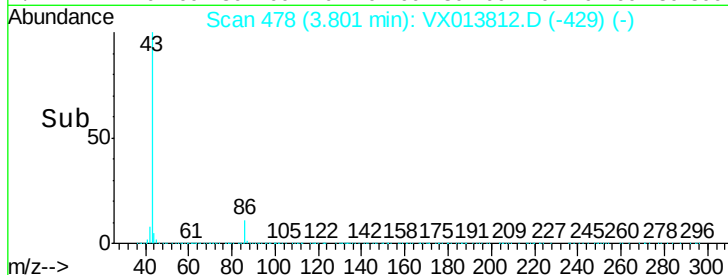
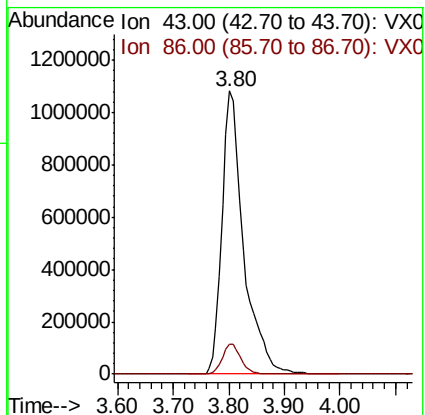
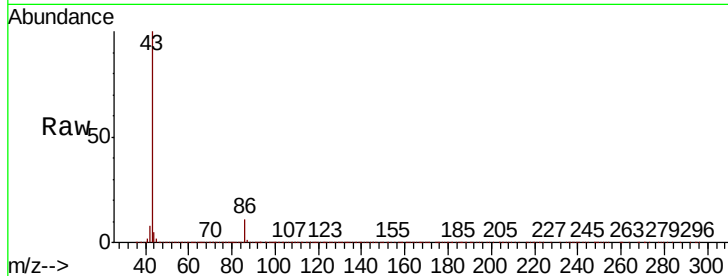
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 49.812 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

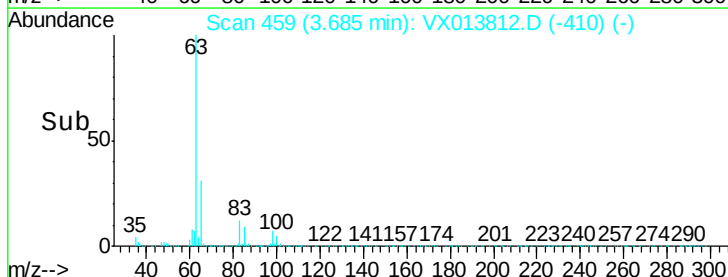
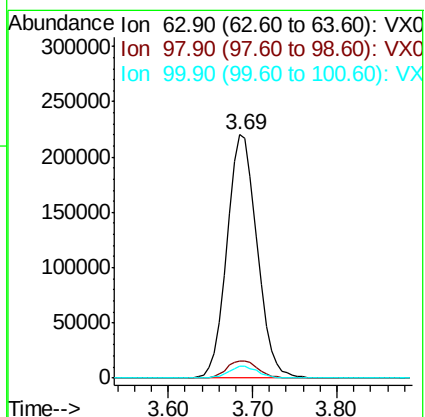
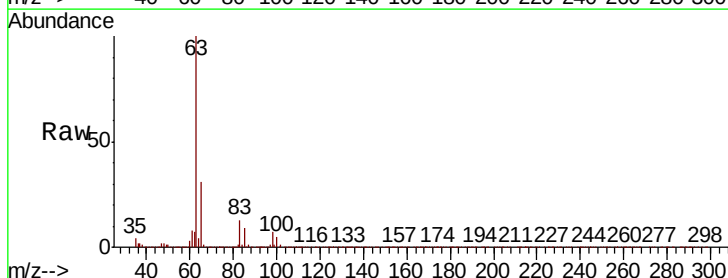
Tgt Ion: 63 Resp: 533414

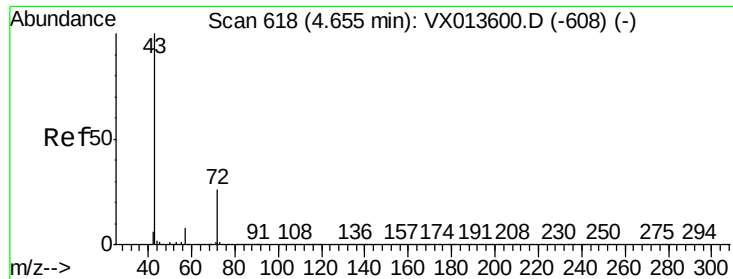
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 259.273 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1300780

Ion Ratio Lower Upper

43 100

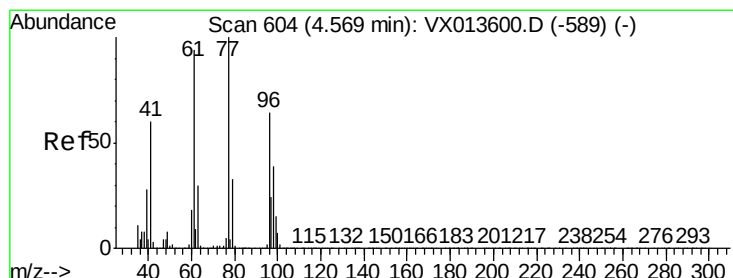
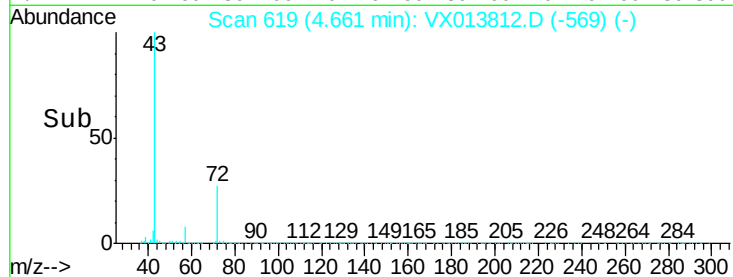
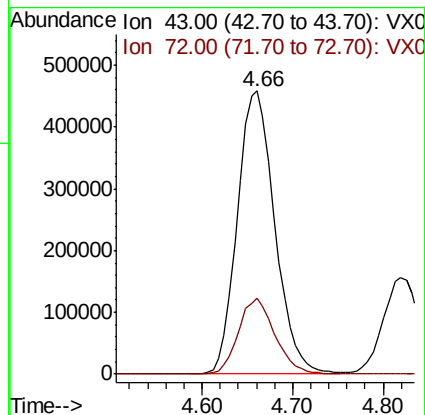
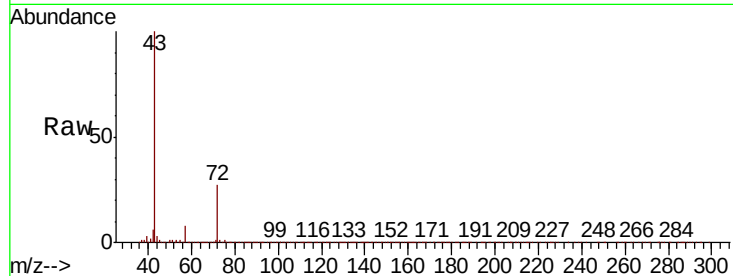
72 26.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 43.243 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013812.D

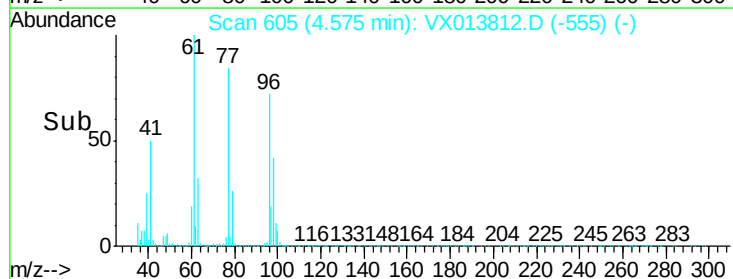
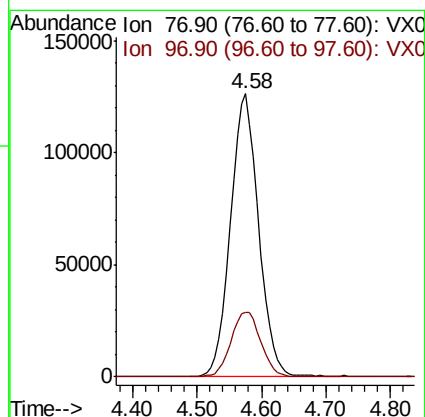
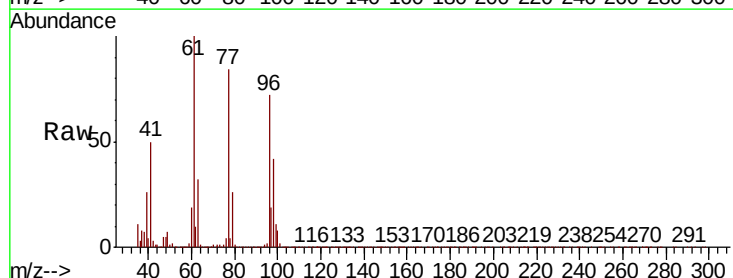
Acq: 06 Dec 2019 20:31

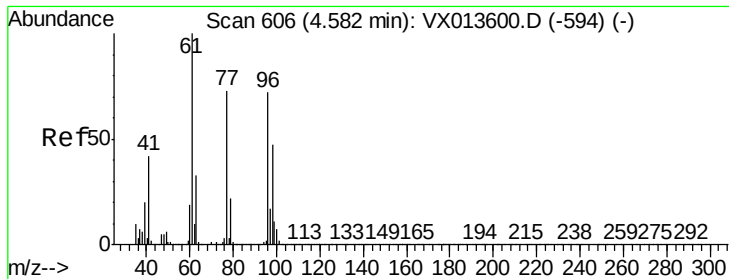
Tgt Ion: 77 Resp: 383127

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

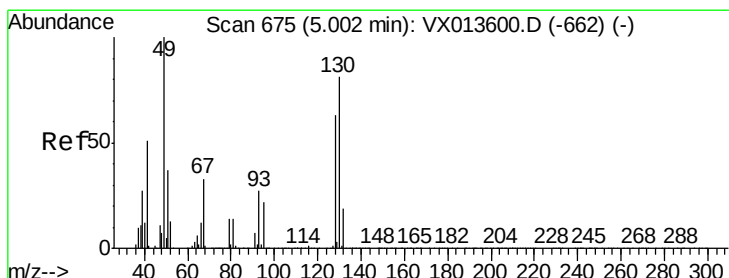
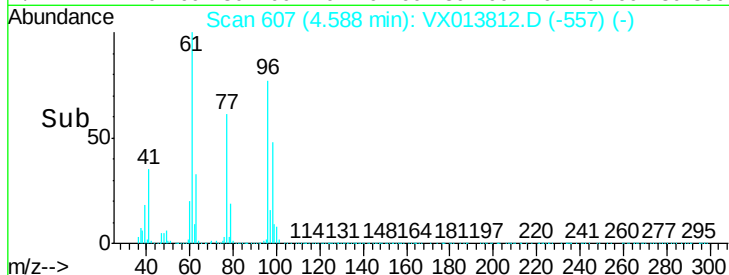
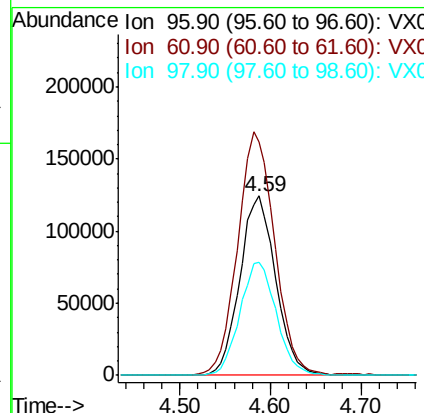
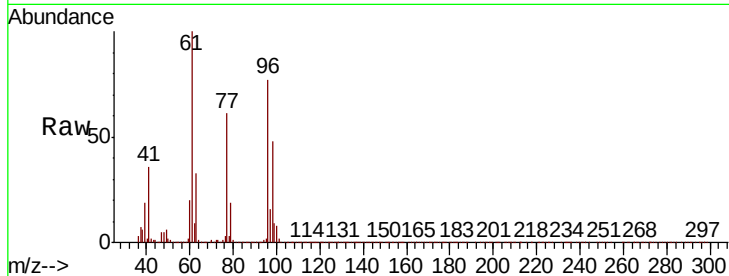
cis-1,2-Dichloroethene
Concen: 48.240 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.5	0.0	286.4	
98	64.3	0.0	127.4	

Manual Integrations
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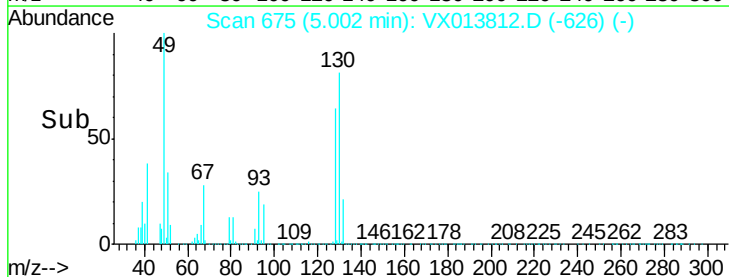
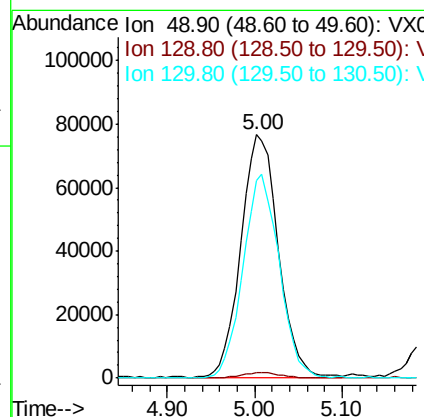
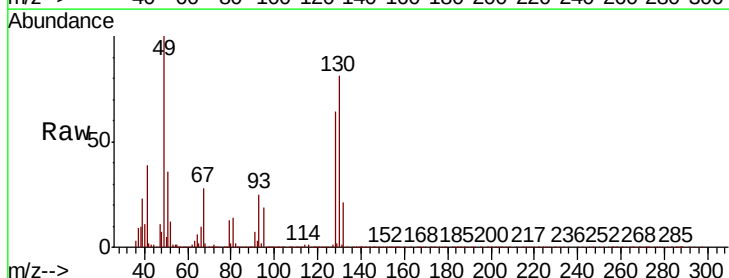
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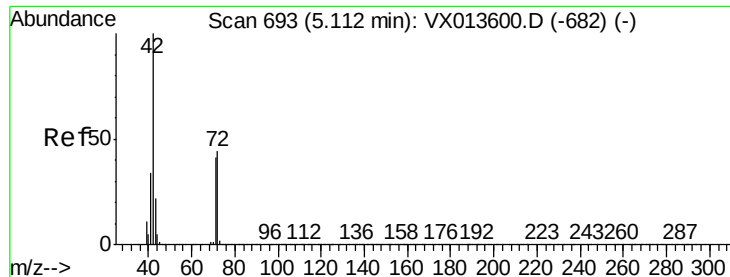


#28

Bromochloromethane
Concen: 53.748 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.0	
130	81.2	65.4	98.0	





#29

Tetrahydrofuran

Concen: 247.160 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

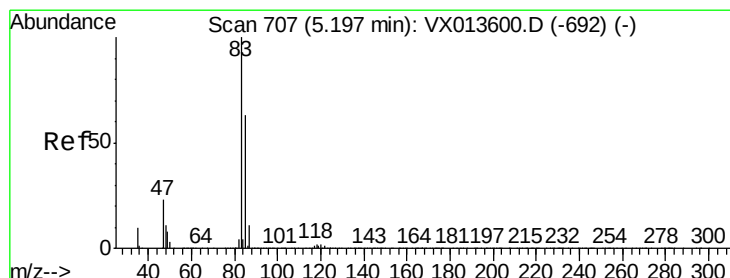
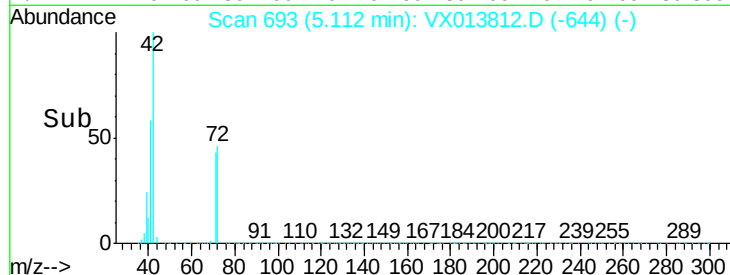
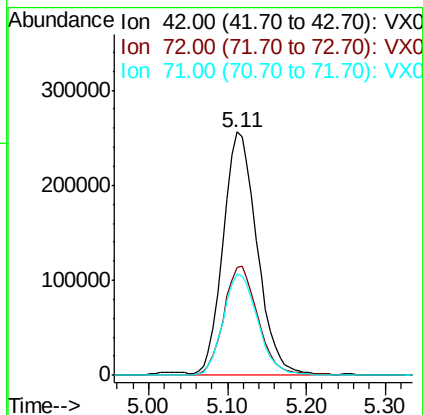
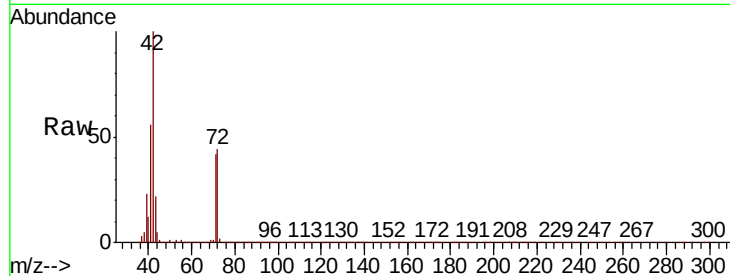
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	764426
Ion Ratio		Lower	Upper
42	100		
72	45.6	36.3	54.5
71	42.7	33.2	49.8

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#30

Chloroform

Concen: 47.872 ug/l

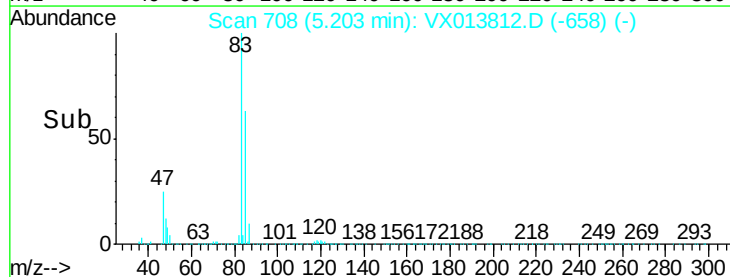
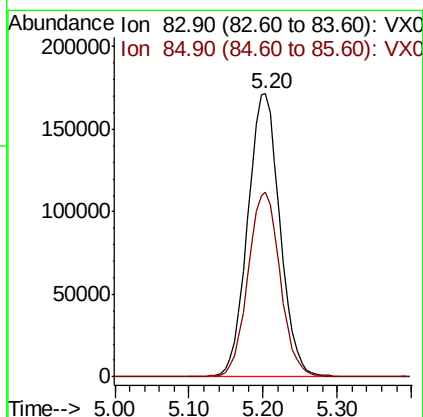
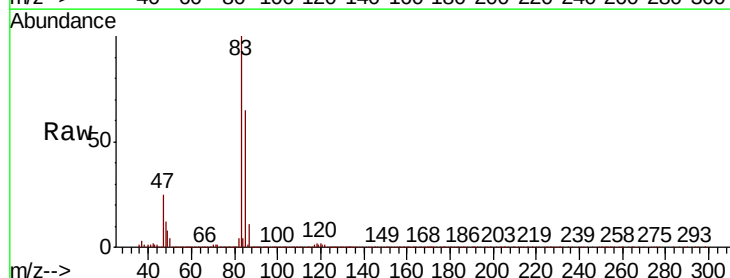
RT: 5.20 min Scan# 708

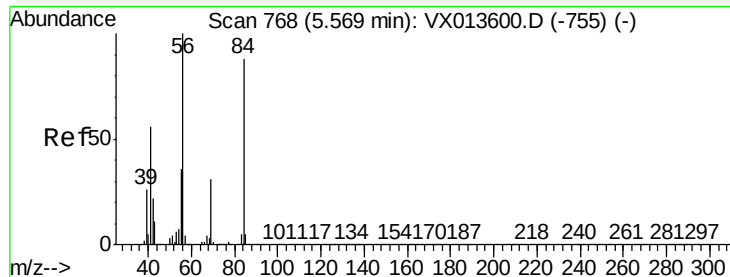
Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	83	Resp:	519892
Ion Ratio		Lower	Upper
83	100		
85	65.1	50.2	75.4





#31

Cyclohexane

Concen: 45.934 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

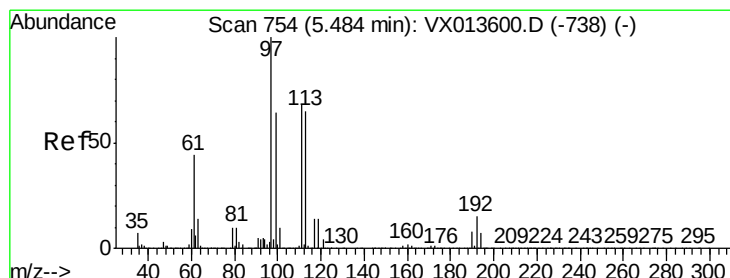
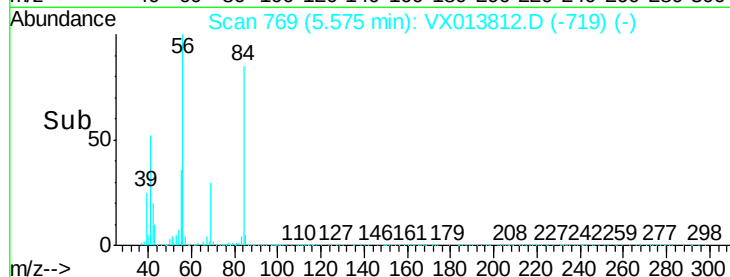
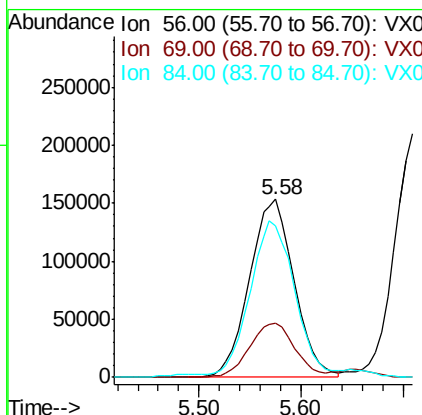
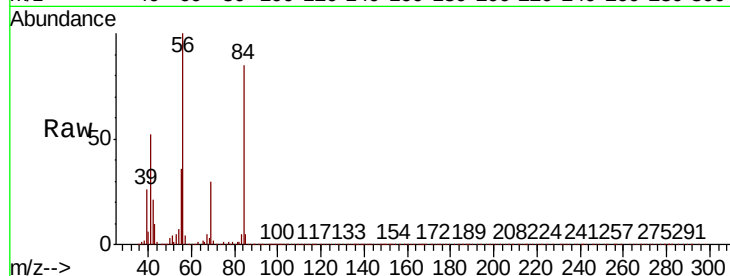
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	463944
Ion Ratio	Lower	Upper	
56	100		
69	30.1	24.6	36.8
84	83.9	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.900 ug/l

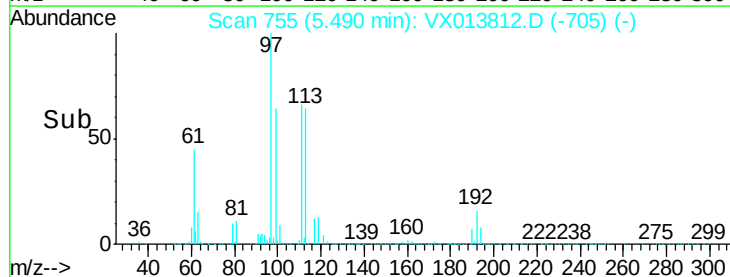
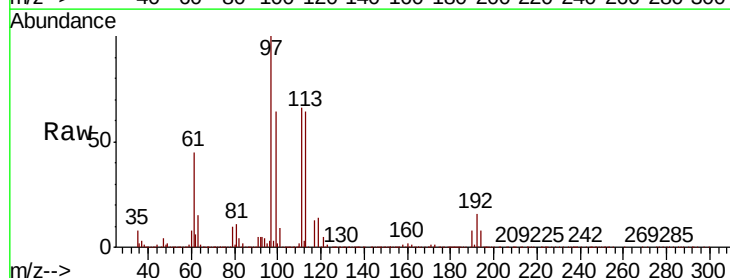
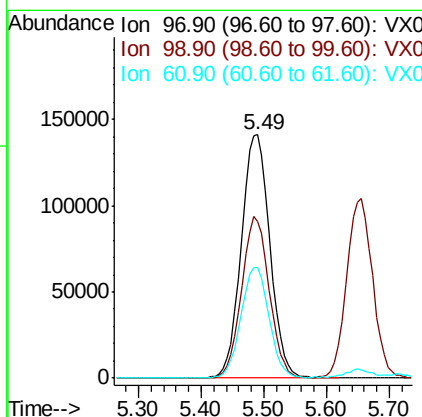
RT: 5.49 min Scan# 755

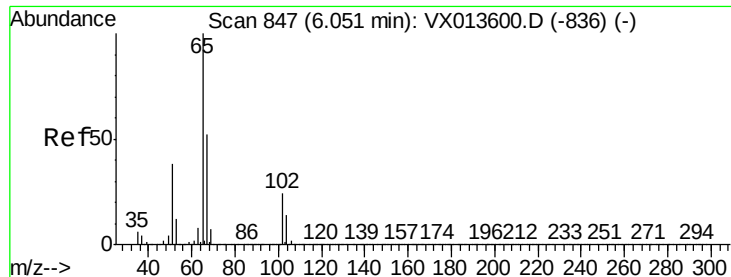
Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	97	Resp:	443787
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.6	77.4
61	44.6	36.1	54.1





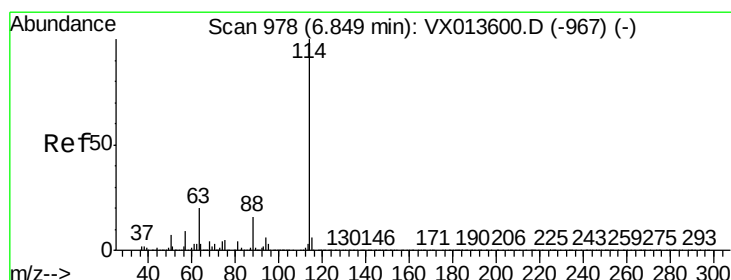
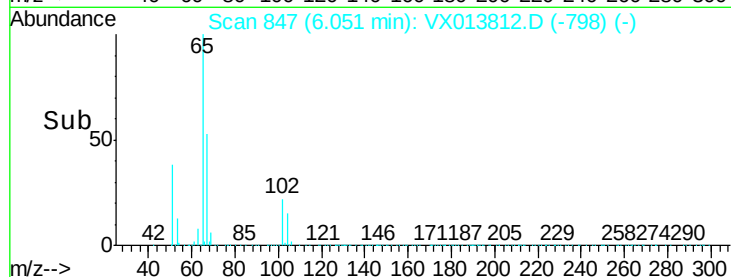
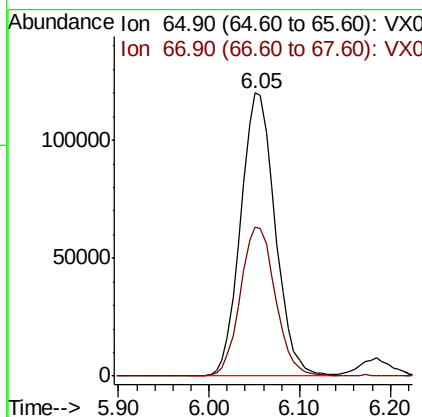
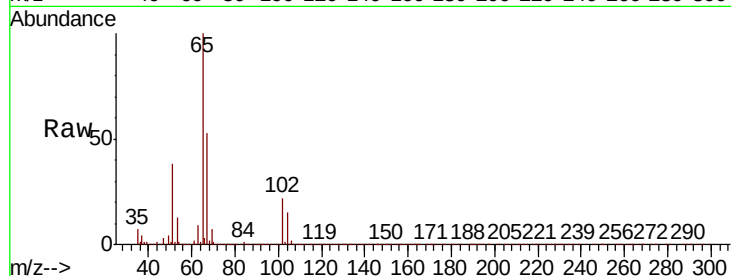
#33
 1,2-Dichloroethane-d4
 Concen: 46.169 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

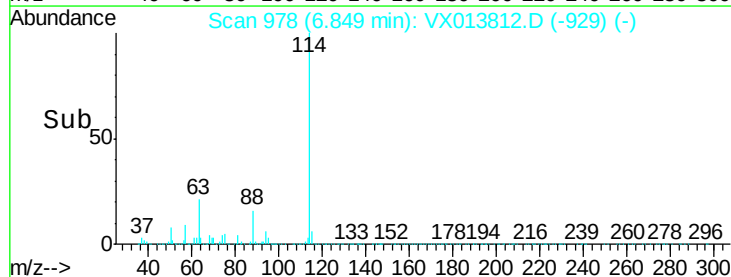
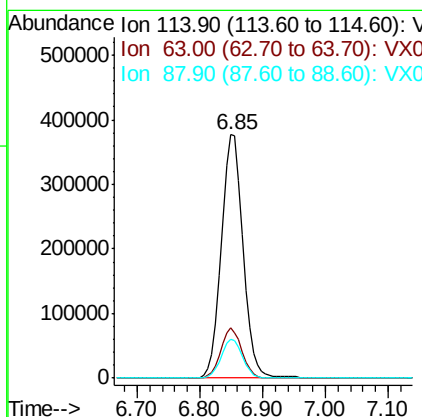
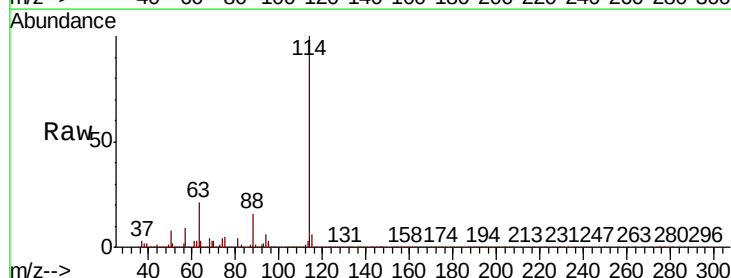
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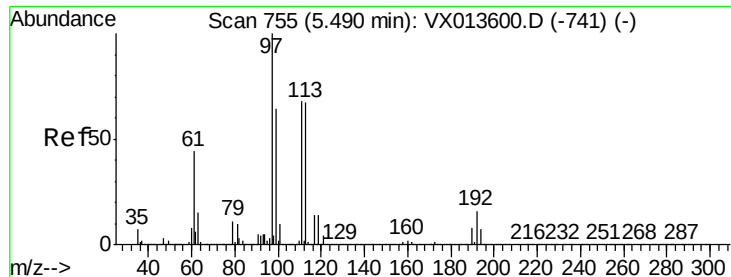
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.8	0.0	31.4





#35

Dibromofluoromethane

Concen: 46.239 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

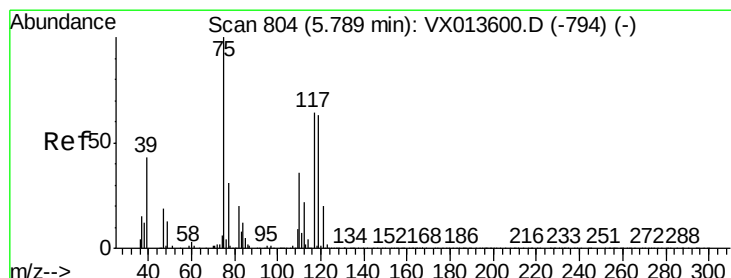
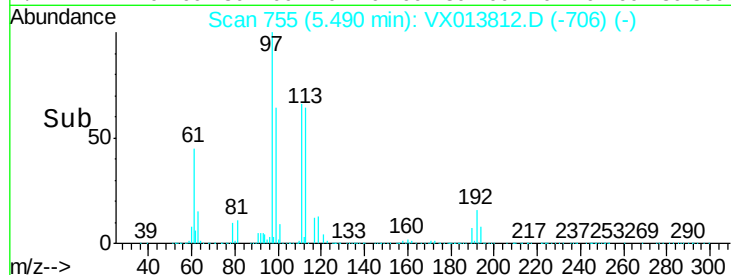
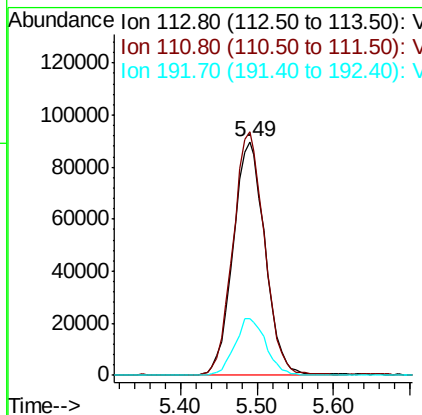
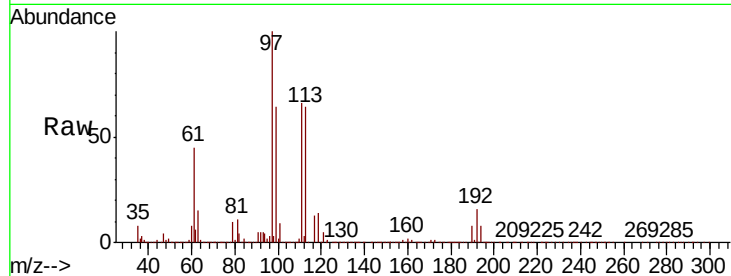
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	258825
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.6	125.4
192	23.9	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 47.028 ug/l

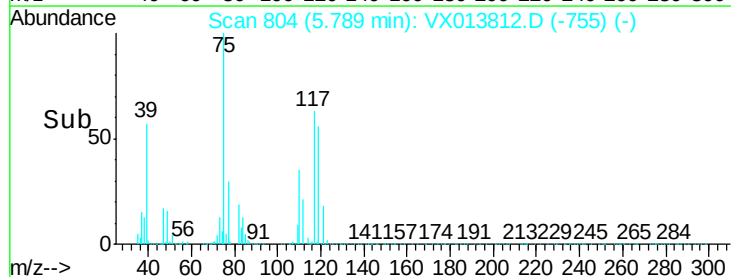
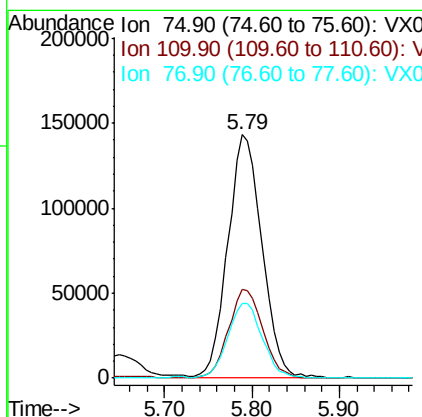
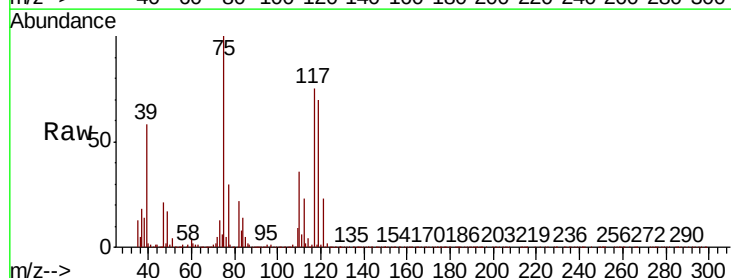
RT: 5.79 min Scan# 804

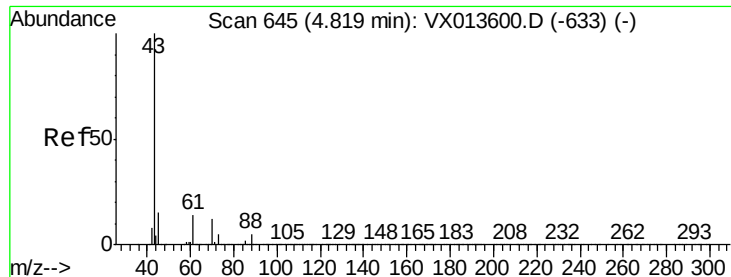
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	75	Resp:	386535
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.8	24.5	36.7





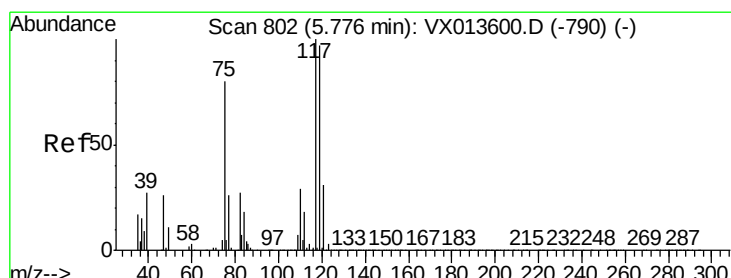
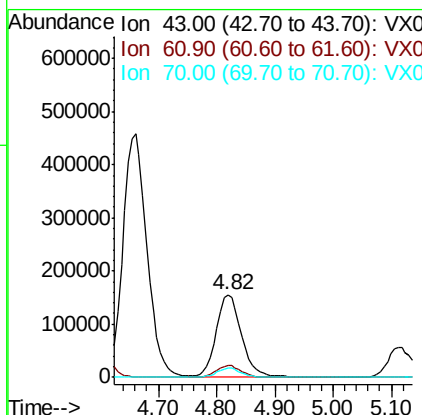
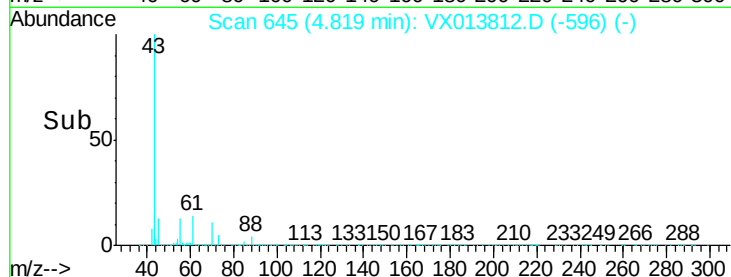
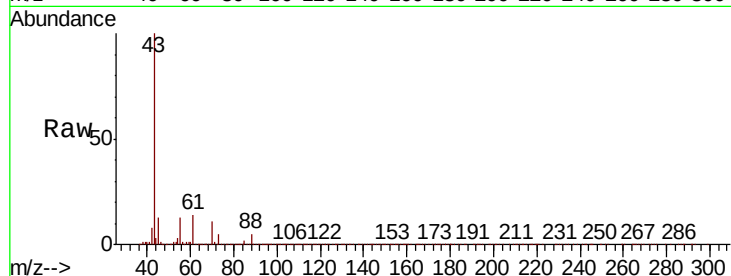
#37
Ethyl Acetate
Concen: 50.131 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	462245
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.0	16.4
70	10.1	8.6	12.8

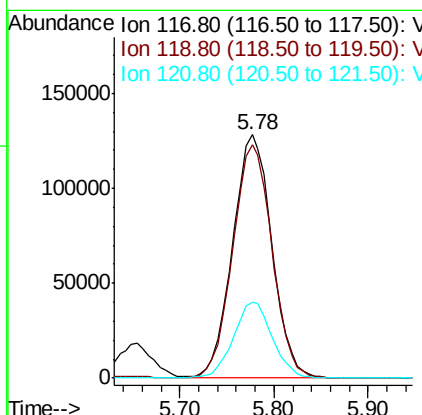
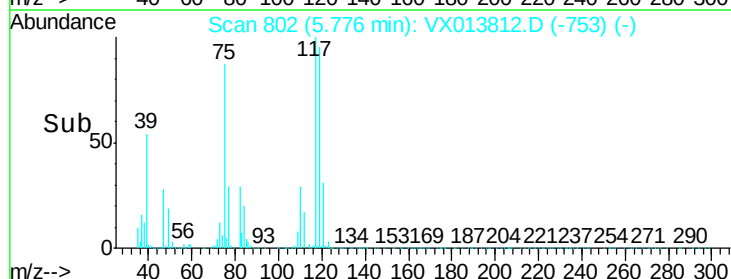
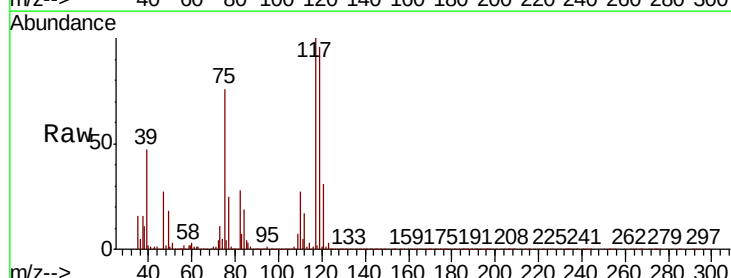
Manual Integrations
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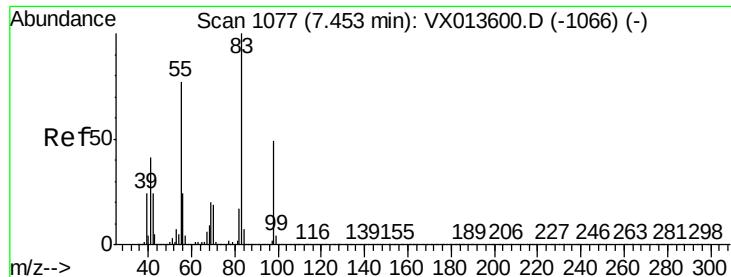
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#38
Carbon Tetrachloride
Concen: 49.008 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	117	Resp	371420
Ion Ratio	Lower	Upper	
117	100		
119	95.6	77.5	116.3
121	31.3	25.0	37.6





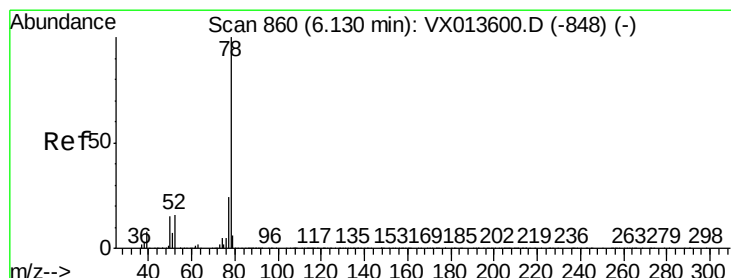
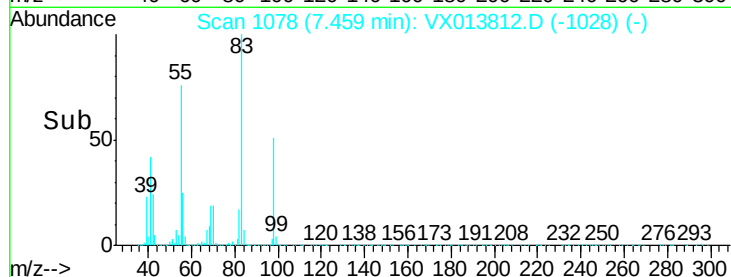
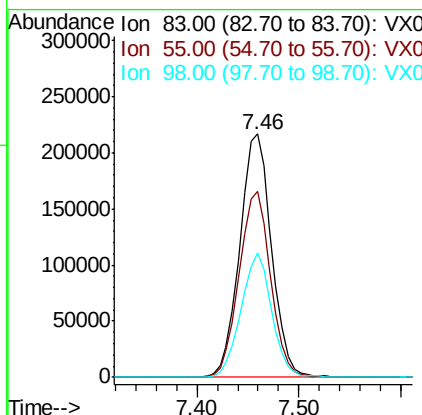
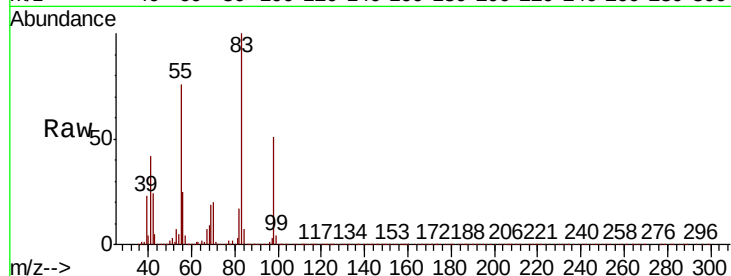
#39
Methylvlcyclohexane
Concen: 46.024 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	467594		
55	76.2	61.9	92.9	
98	51.0	39.4	59.0	

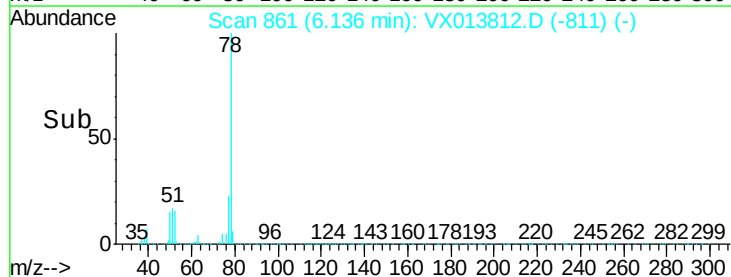
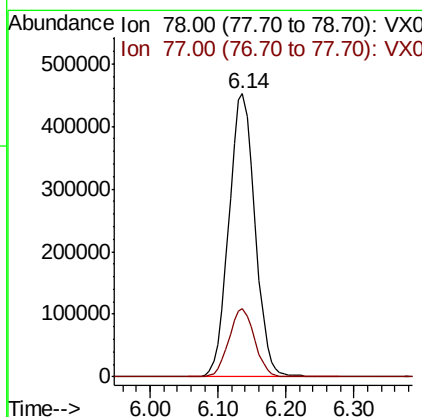
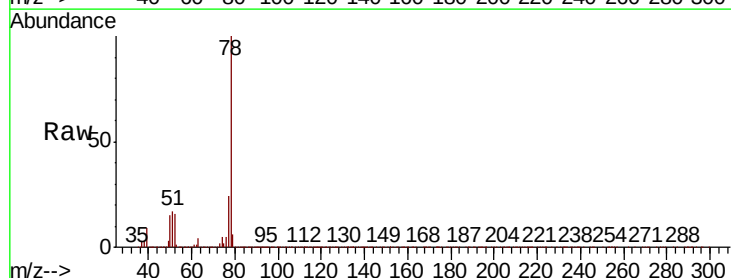
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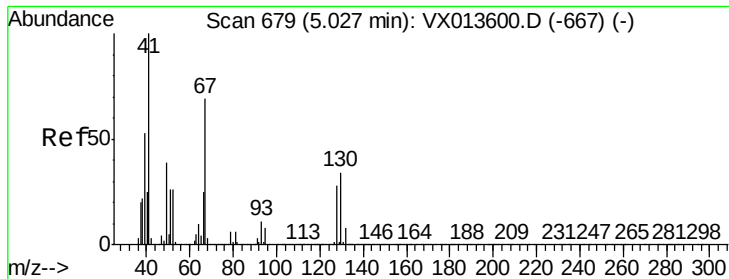
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#40
Benzene
Concen: 48.148 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1205275		
77	24.1	19.0	28.4	





#41

Methacrylonitrile

Concen: 51.174 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

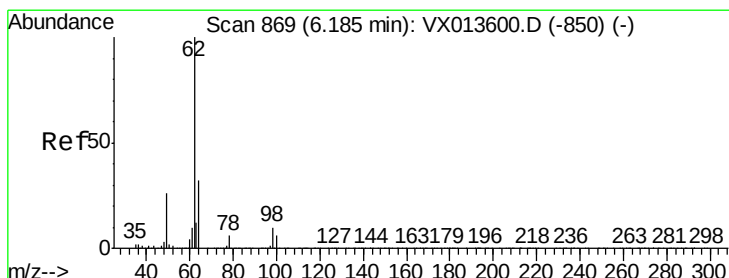
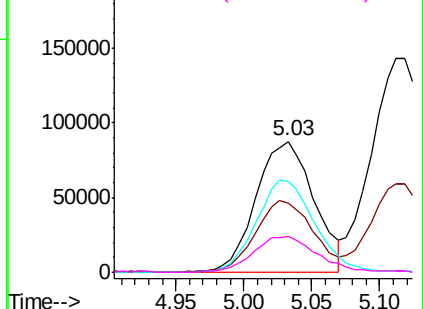
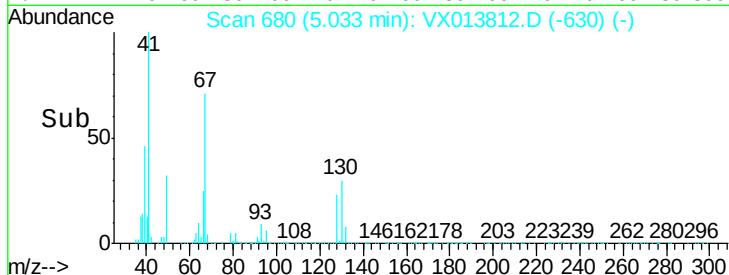
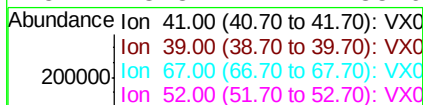
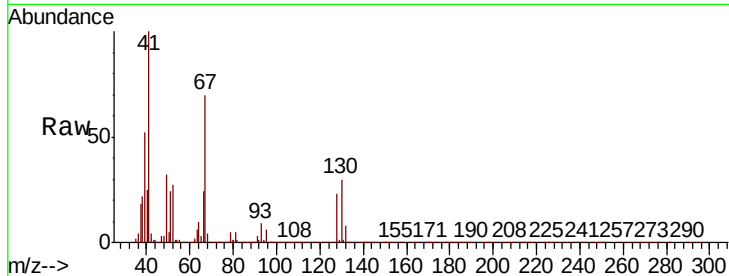
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.9	64.3	
67	71.8	57.4	86.0	
52	28.8	22.4	33.6	

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#42

1,2-Dichloroethane

Concen: 48.997 ug/l

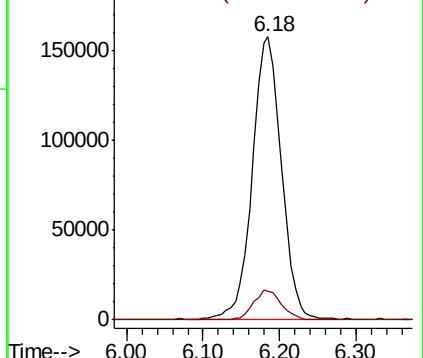
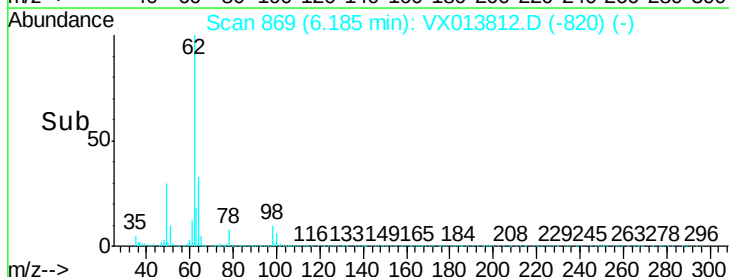
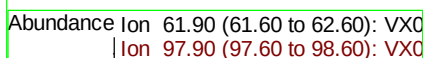
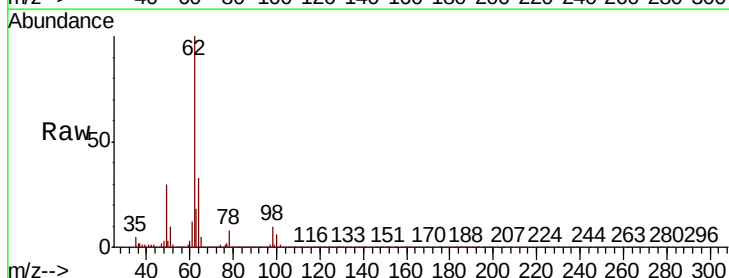
RT: 6.18 min Scan# 869

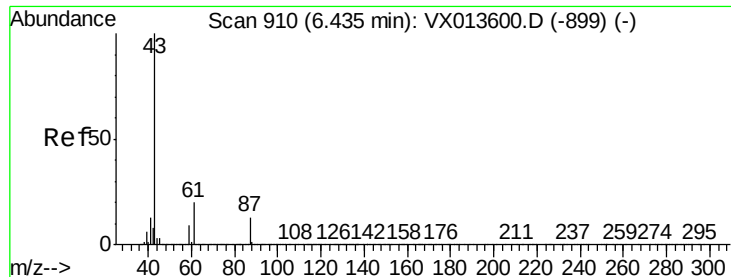
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

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





#43

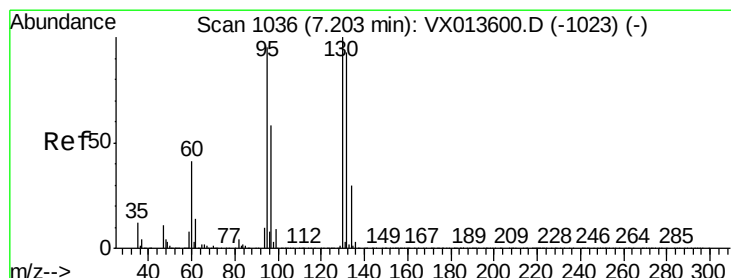
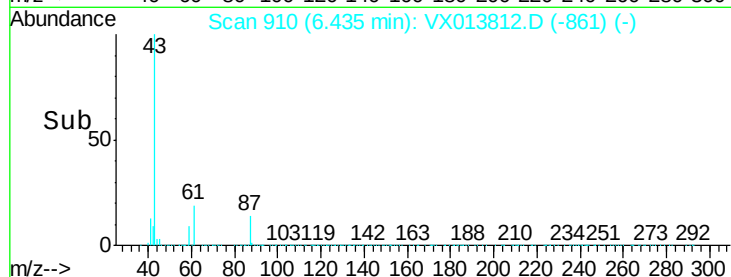
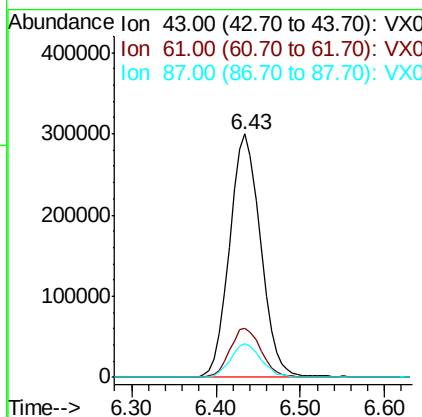
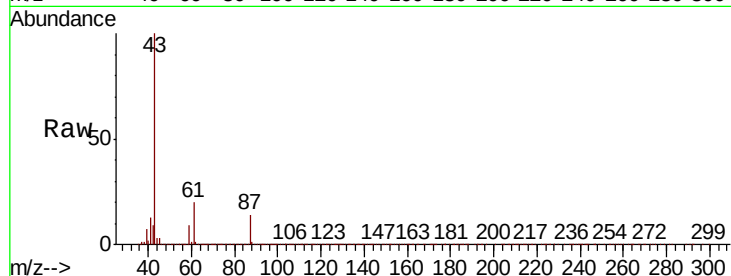
Isopropyl Acetate
 Concen: 49.269 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.7	10.8	16.2

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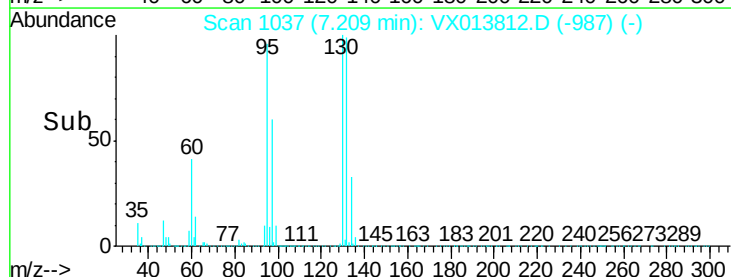
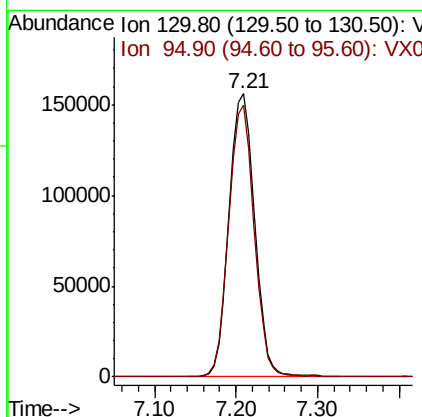
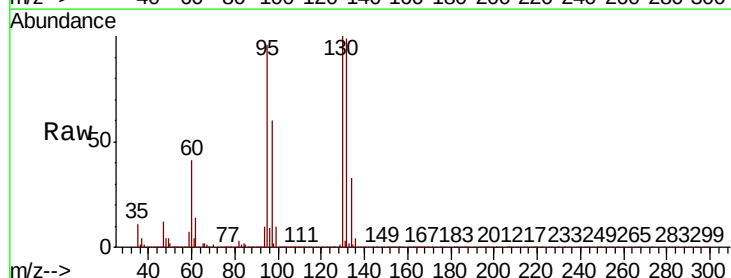
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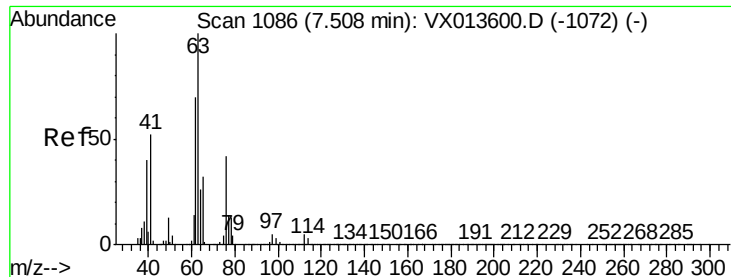


#44

Trichloroethene
 Concen: 49.222 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	190.8





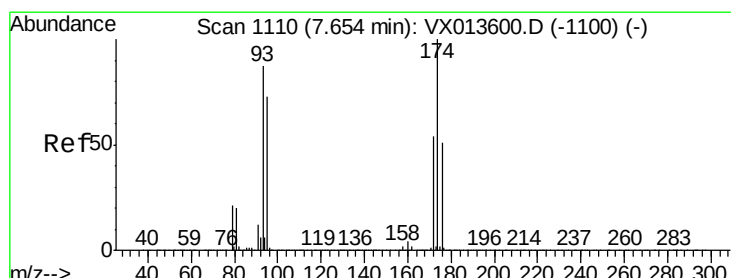
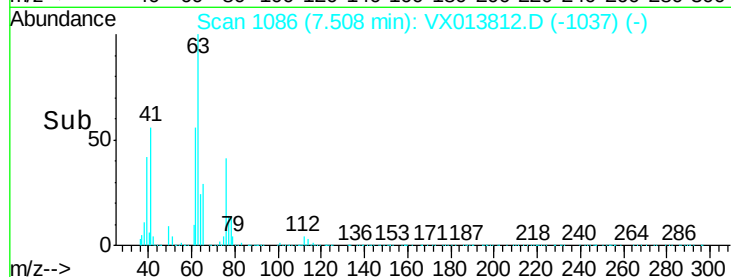
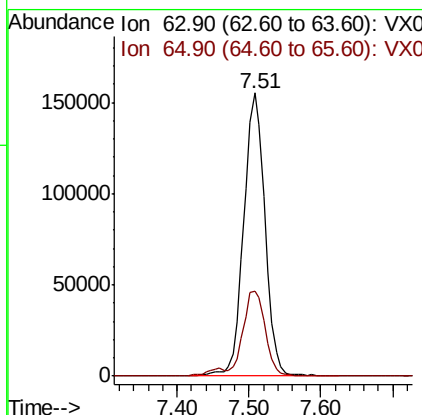
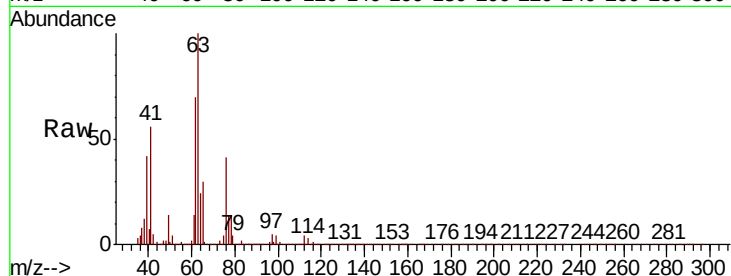
#45
 1,2-Dichloropropane
 Concen: 50.413 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.5	38.3

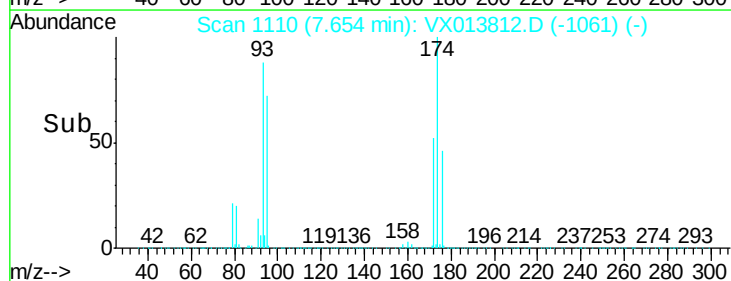
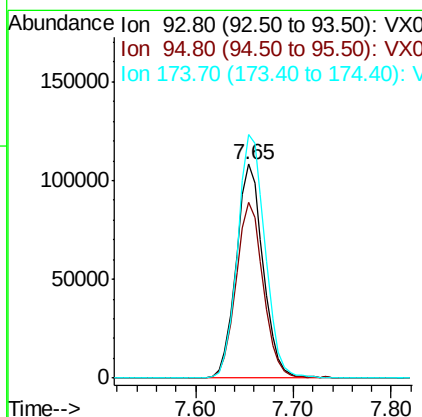
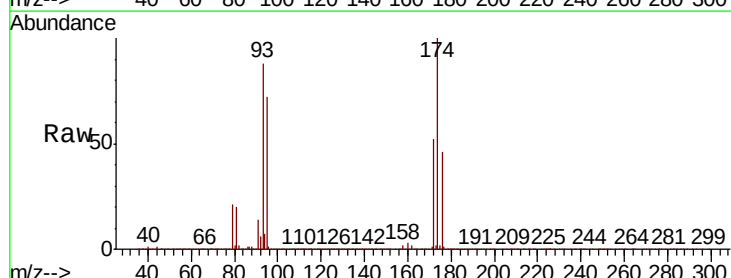
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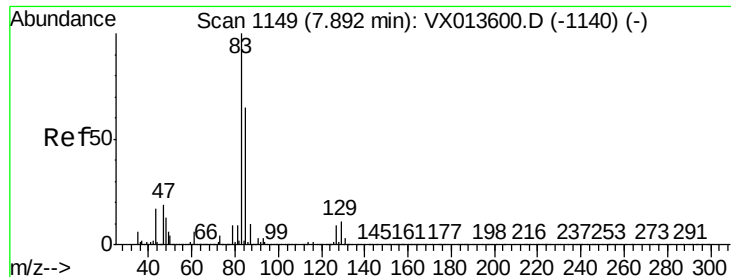
apatel
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#46
 Dibromomethane
 Concen: 48.613 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.2	99.2
174	116.3	93.4	140.0





#47

Bromodichloromethane

Concen: 50.722 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

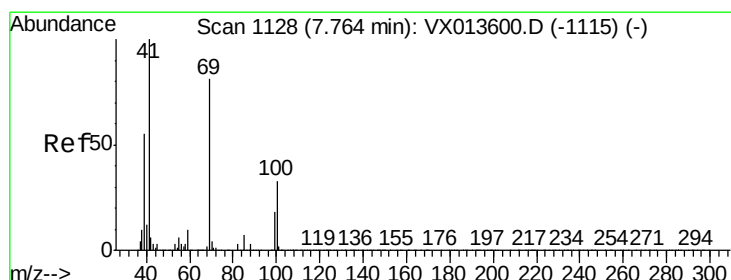
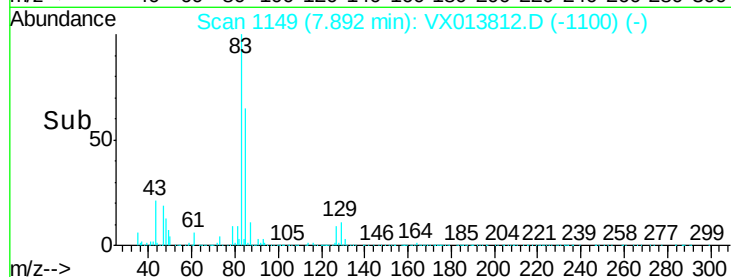
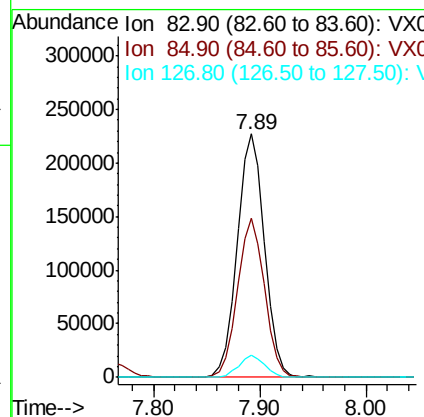
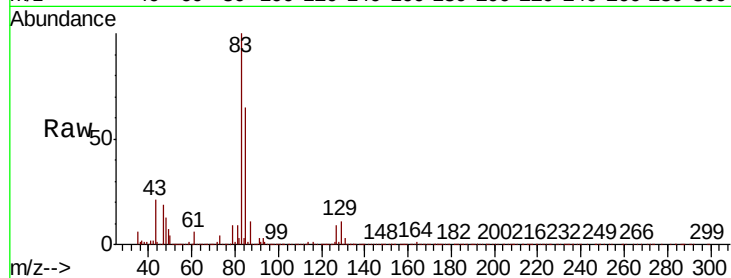
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	407887
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.1	78.1
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.881 ug/l

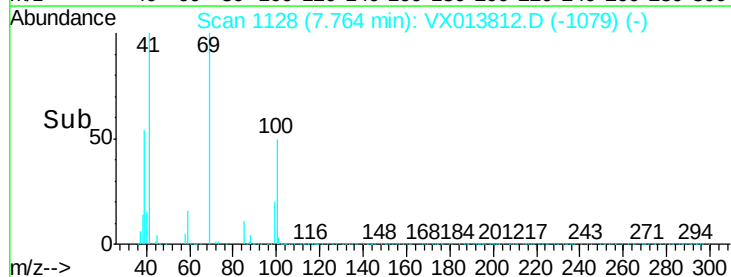
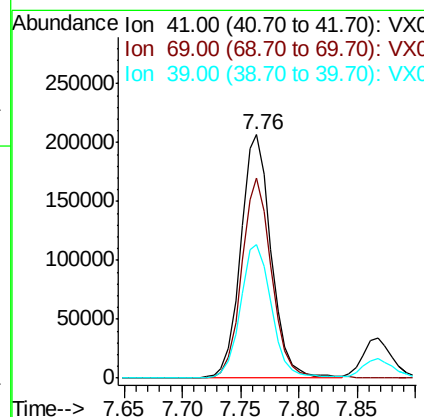
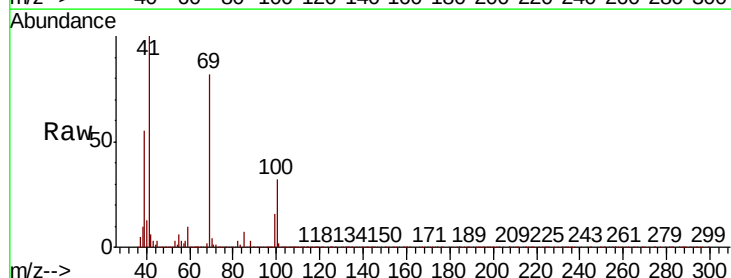
RT: 7.76 min Scan# 1128

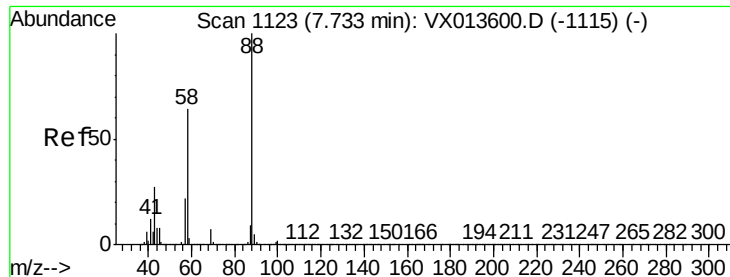
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	41	Resp:	375285
Ion Ratio	Lower	Upper	
41	100		
69	81.4	64.7	97.1
39	55.4	43.8	65.6





#49

1,4-Dioxane

Concen: 830.771 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

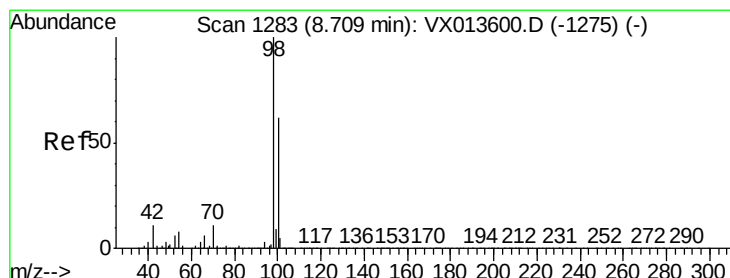
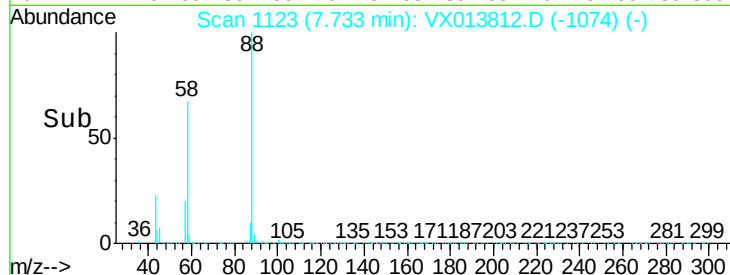
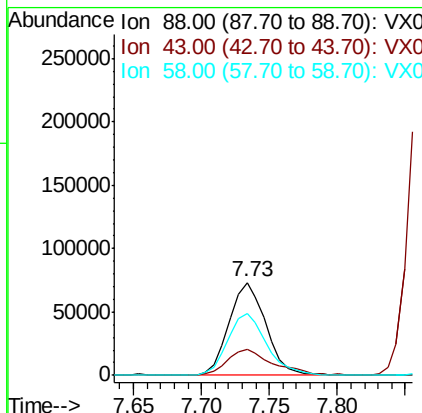
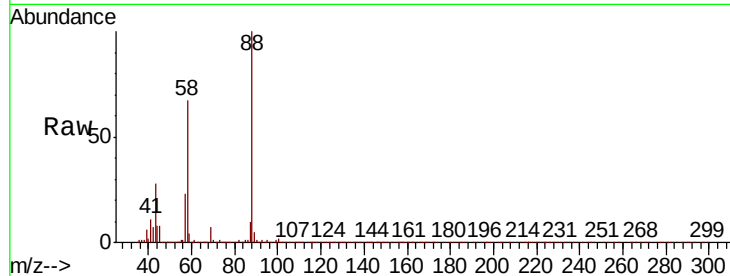
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	137157
Ion Ratio		Lower	Upper
88	100		
43	34.5	25.8	38.6
58	70.8	54.6	82.0

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#50

Toluene-d8

Concen: 45.452 ug/l

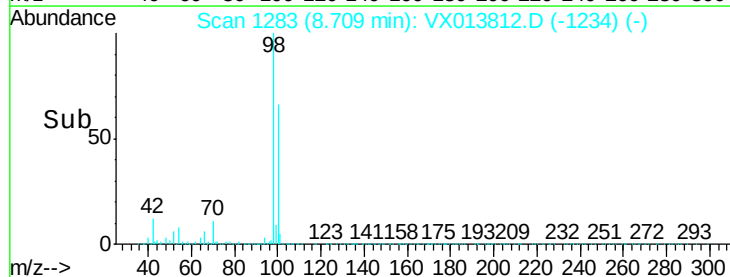
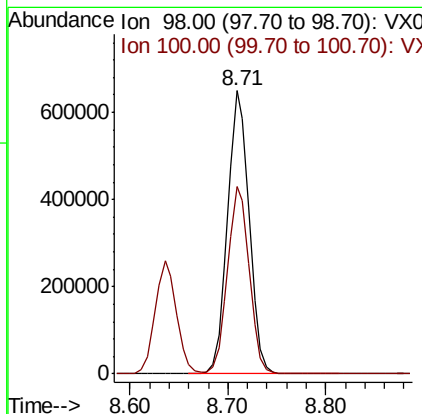
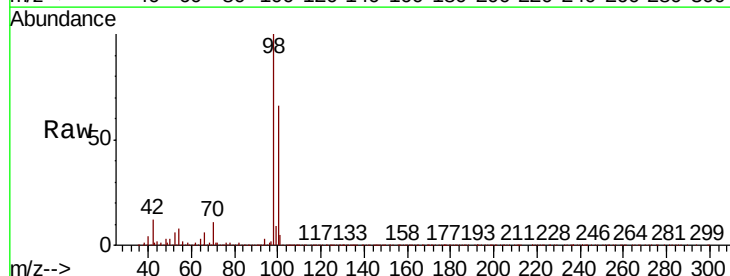
RT: 8.71 min Scan# 1283

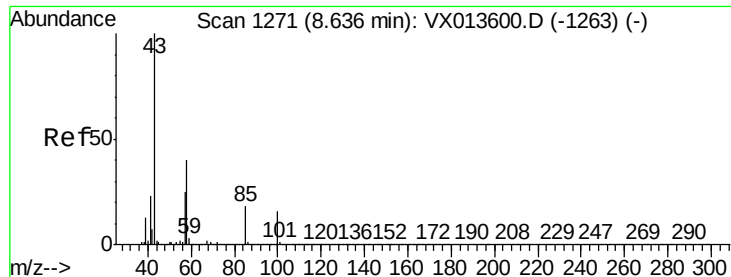
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	98	Resp:	991262
Ion Ratio		Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 250.376 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2390757

Ion Ratio Lower Upper

43 100

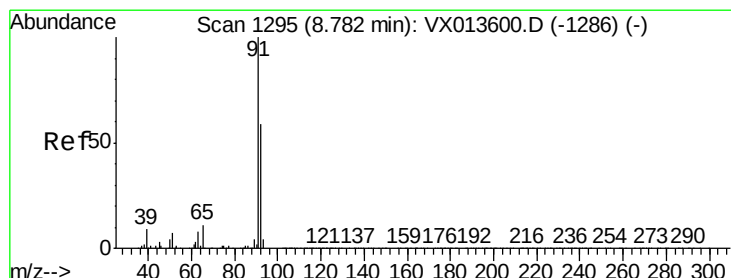
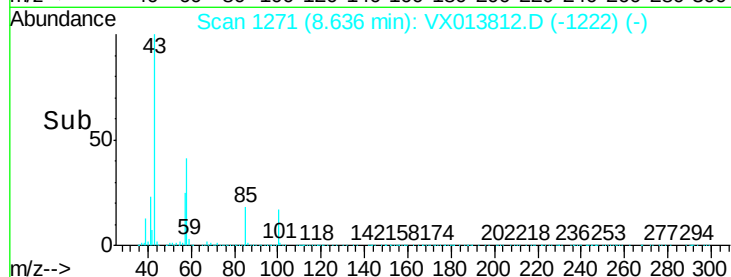
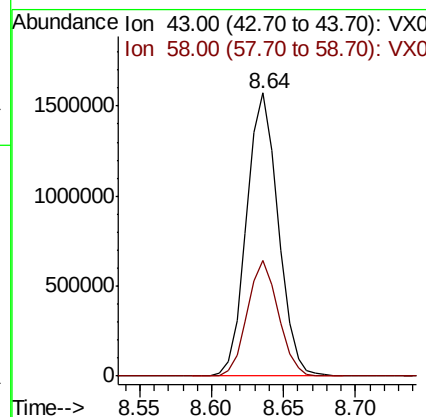
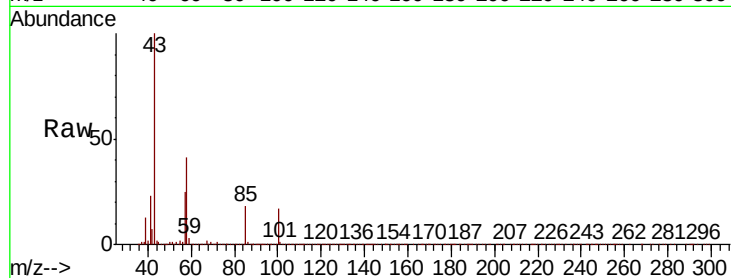
58 40.2 32.1 48.1

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#52

Toluene

Concen: 48.844 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013812.D

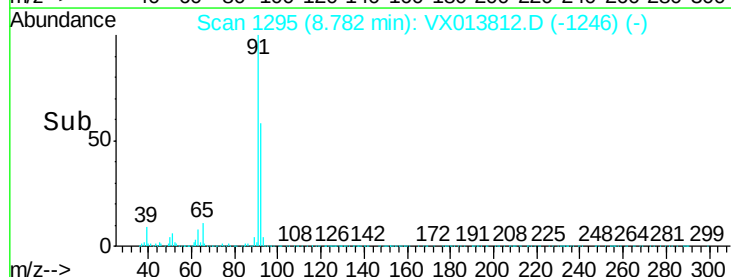
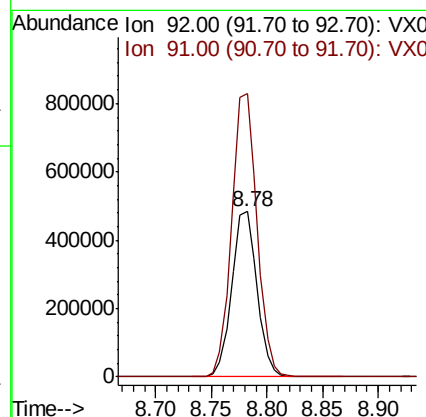
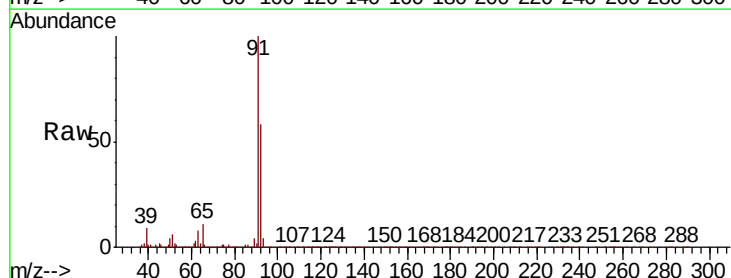
Acq: 06 Dec 2019 20:31

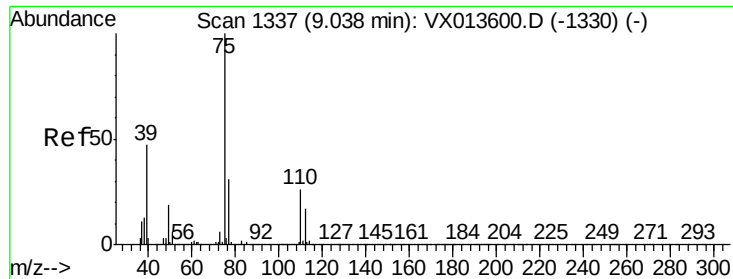
Tgt Ion: 92 Resp: 759596

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





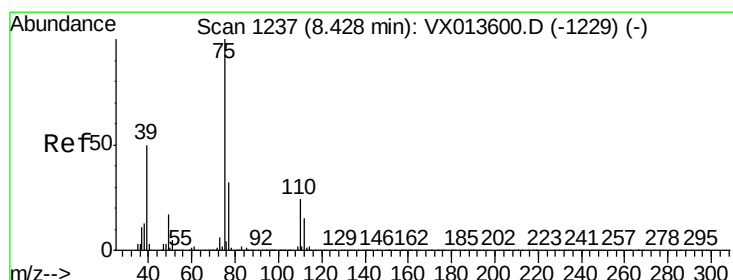
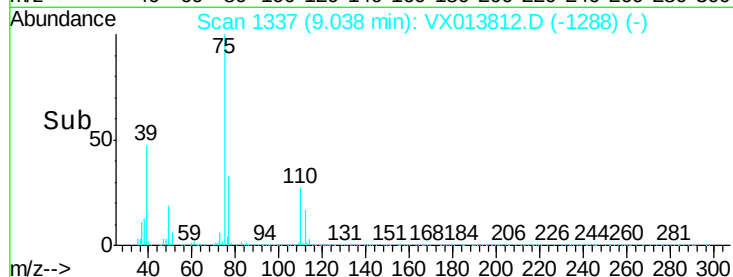
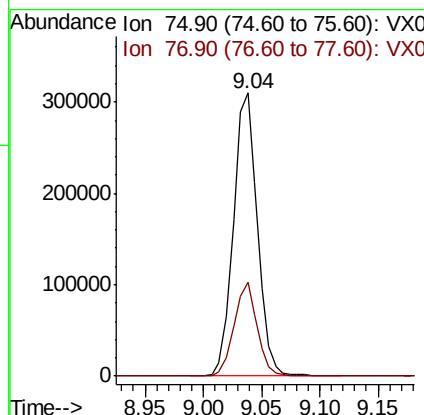
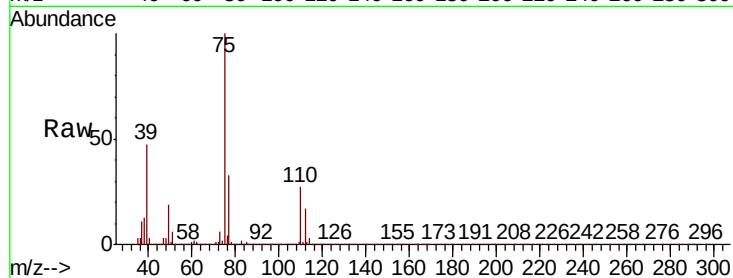
#53
t-1,3-Dichloropropene
Concen: 48.558 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.4	36.6

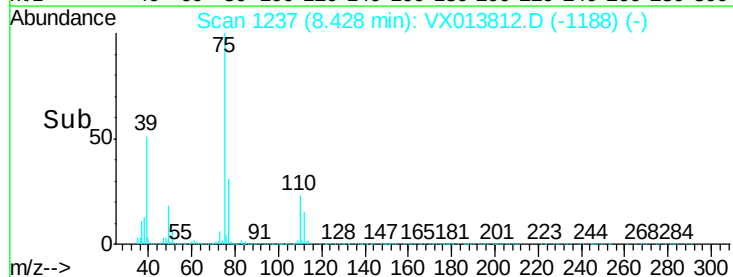
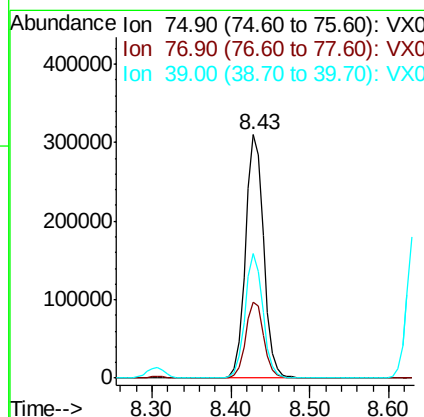
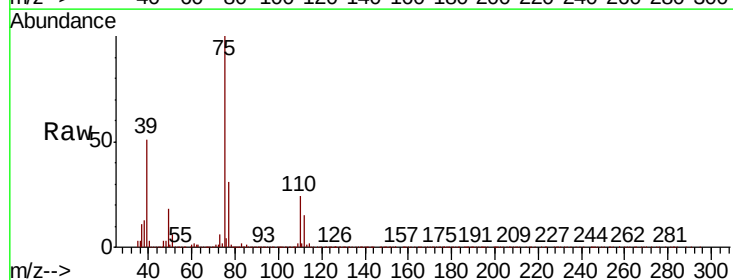
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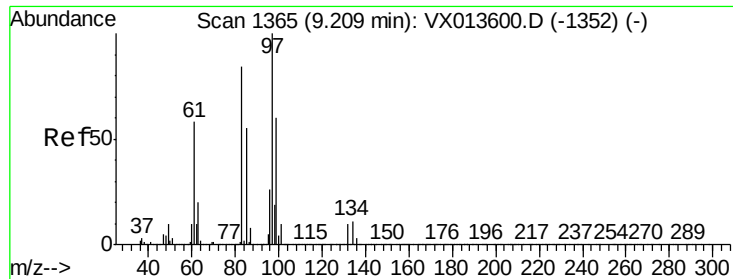
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#54
cis-1,3-Dichloropropene
Concen: 49.254 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	51.3	39.9	59.9





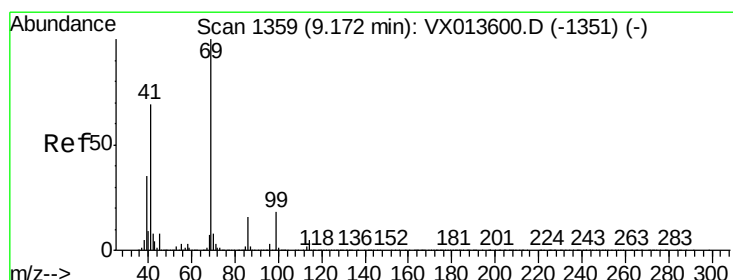
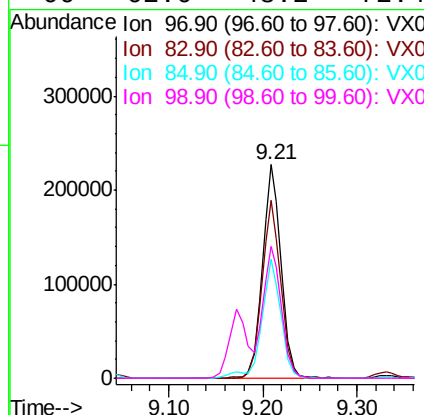
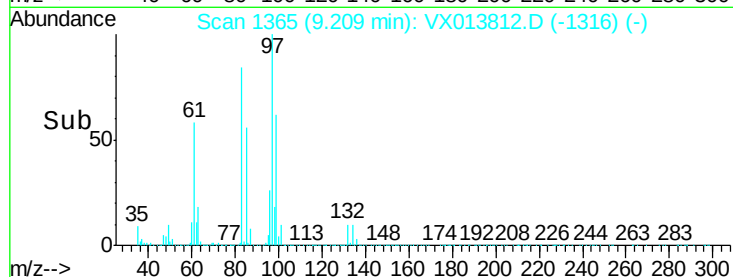
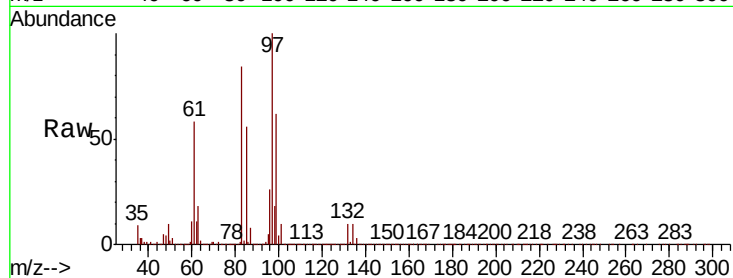
#55
 1,1,2-Trichloroethane
 Concen: 50.346 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		315515		
83	83.5	67.3	100.9		
85	55.7	43.6	65.4		
99	62.0	48.2	72.4		

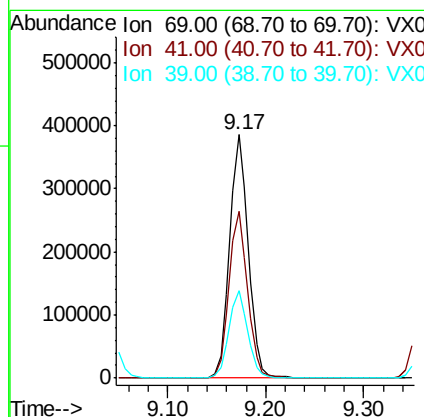
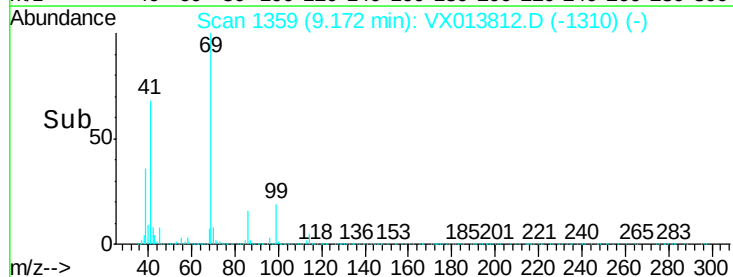
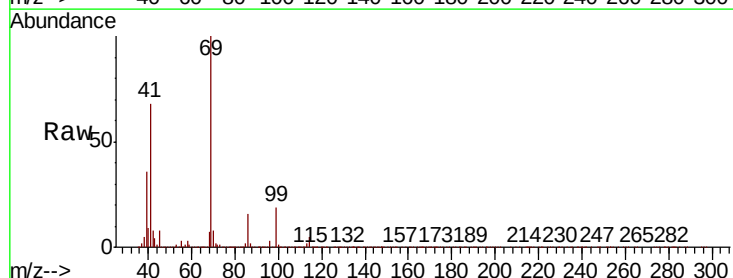
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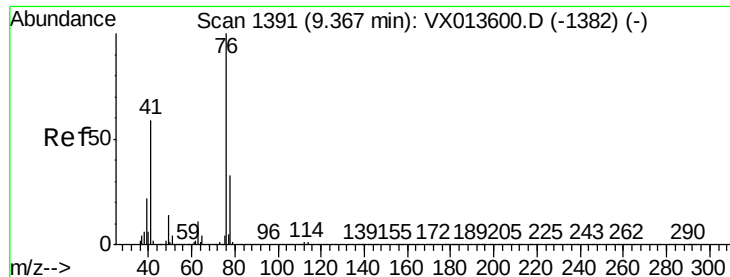
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#56
 Ethyl methacrylate
 Concen: 50.562 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		509446		
41	68.1	55.0	82.4		
39	36.3	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.225 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 531731

Ion Ratio Lower Upper

76 100

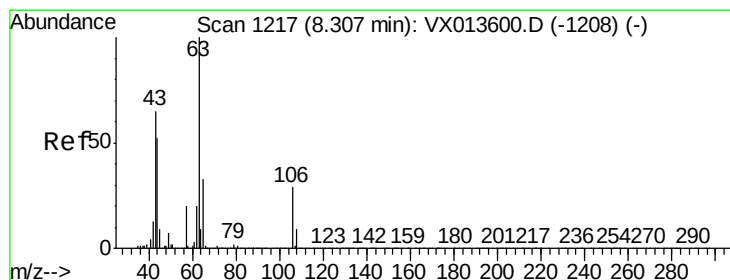
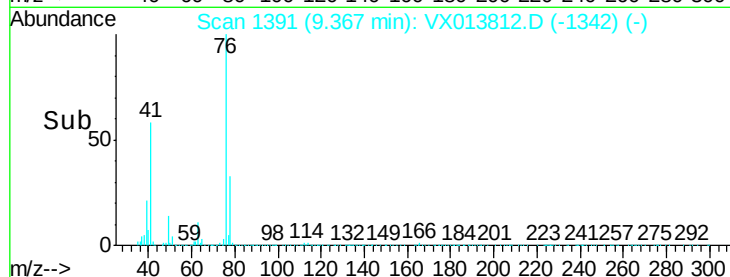
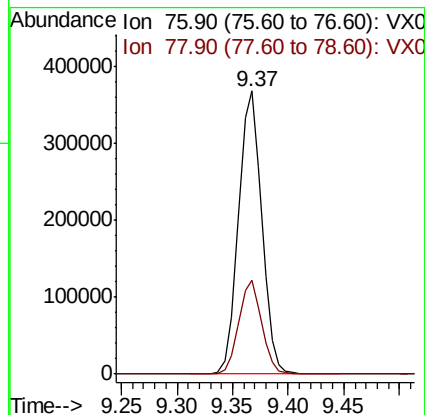
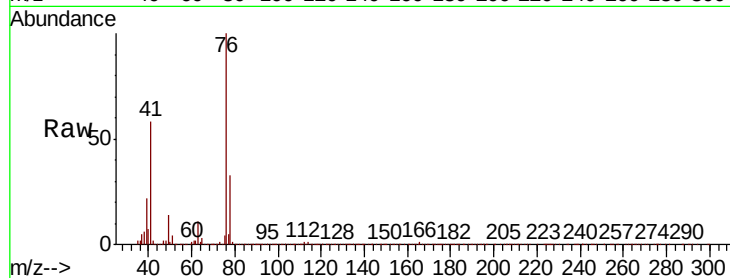
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 246.227 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013812.D

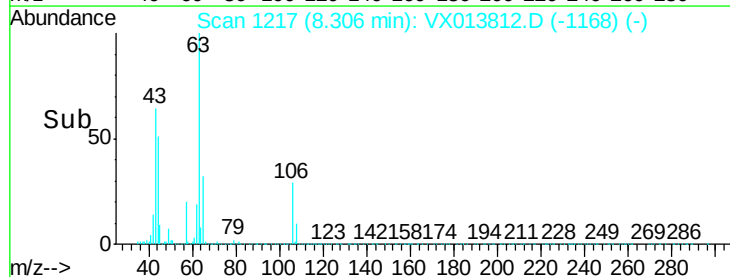
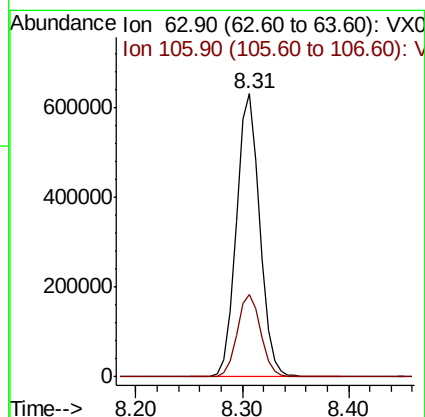
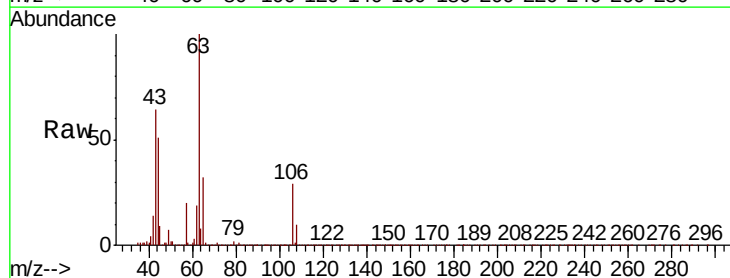
Acq: 06 Dec 2019 20:31

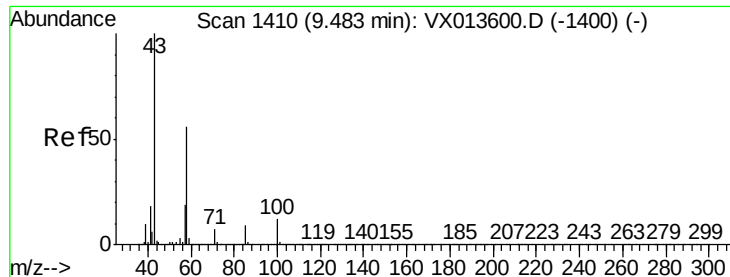
Tgt Ion: 63 Resp: 972697

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





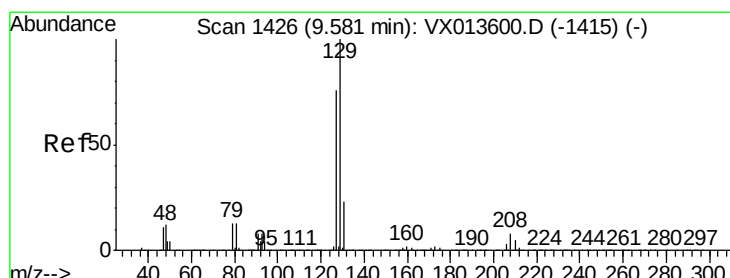
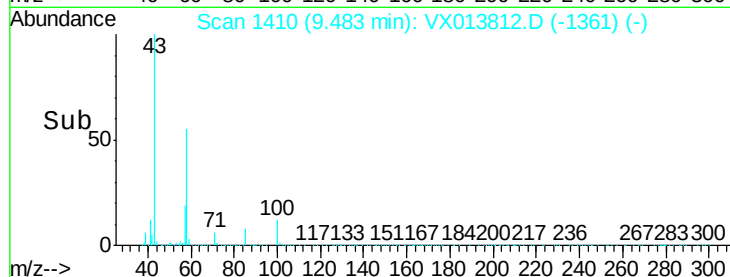
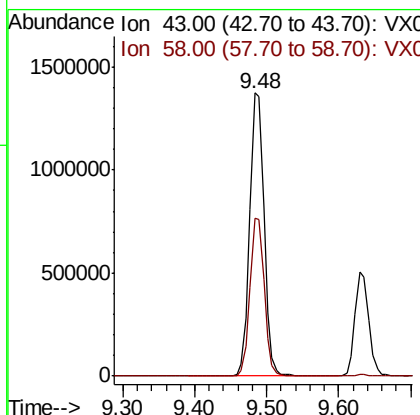
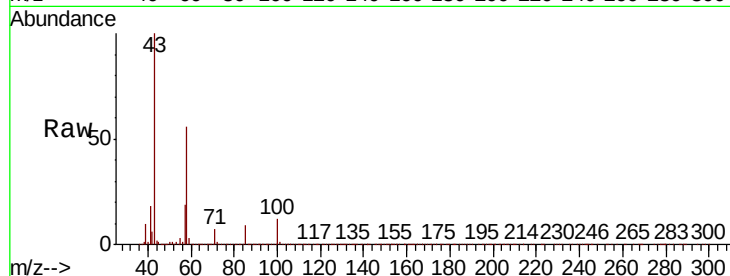
#59
2-Hexanone
Concen: 253.946 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1891205
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

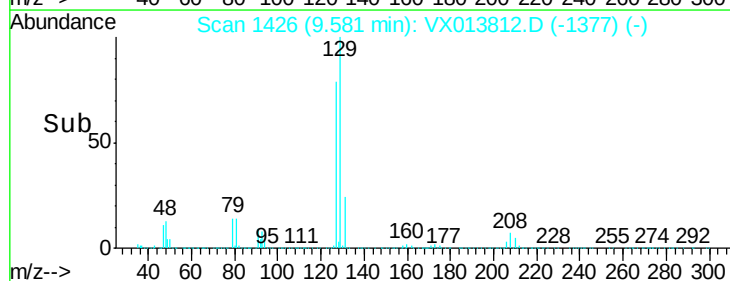
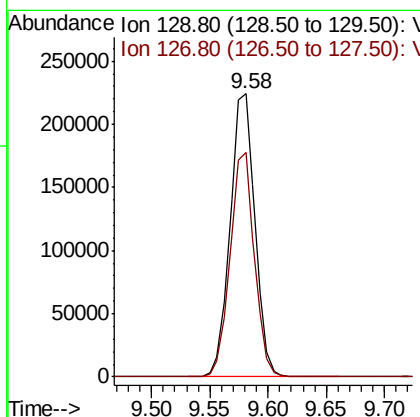
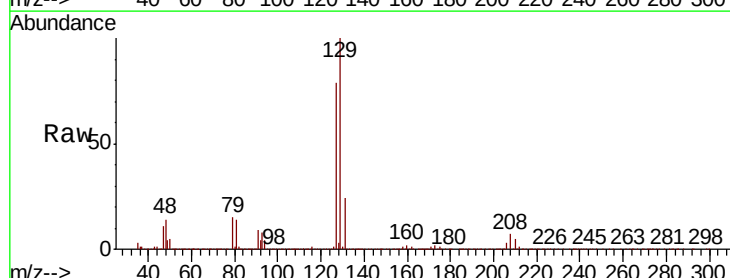
Manual Integrations
APPROVED

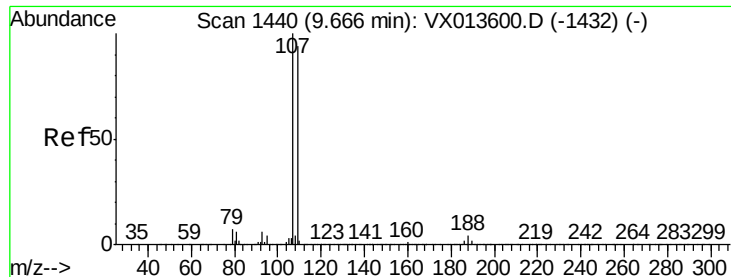
apatel
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#60
Dibromochloromethane
Concen: 51.005 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 129 Resp: 331727
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





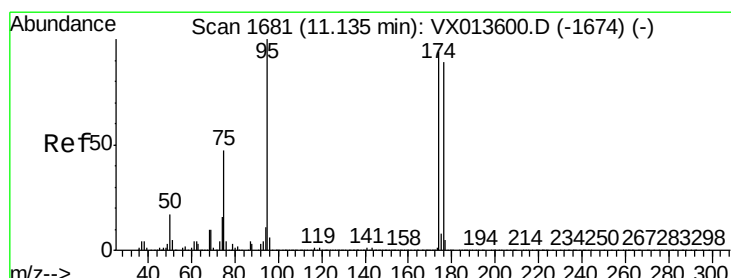
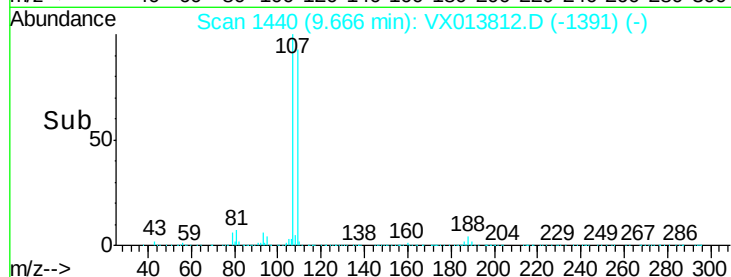
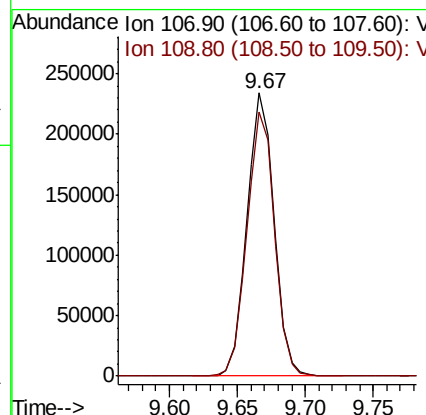
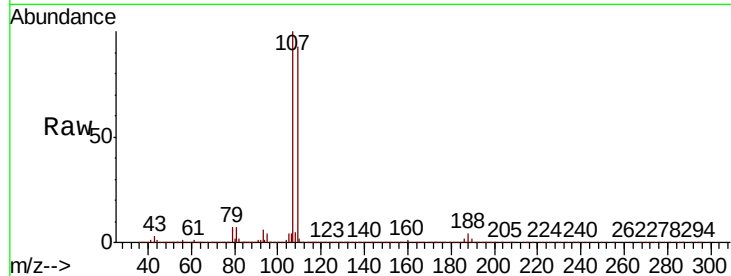
#61
 1,2-Dibromoethane
 Concen: 48.682 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.1	114.1

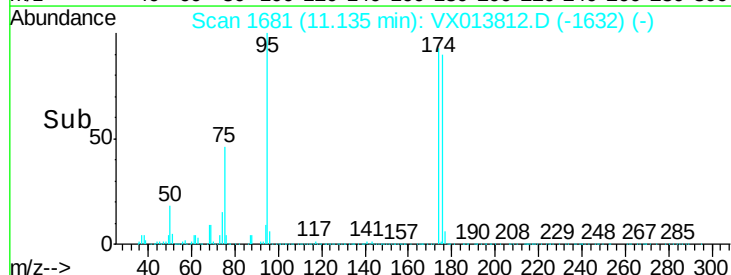
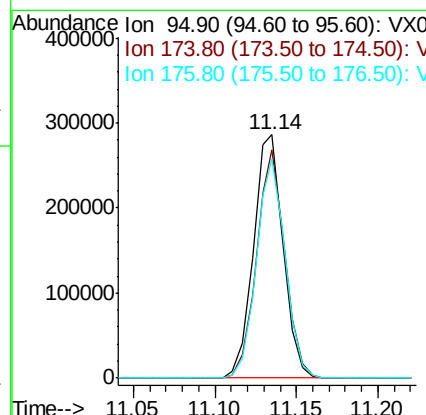
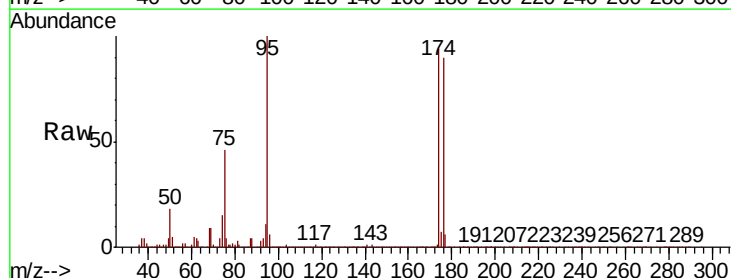
Manual Integrations
 APPROVED

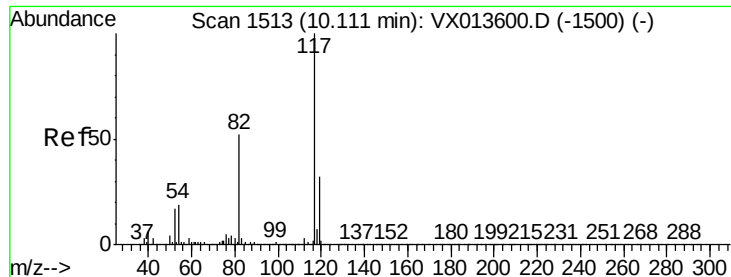
apatel
 12/9/2019 9:08:08 AM



#62
 4-Bromofluorobenzene
 Concen: 46.204 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	180.0
176	86.9	0.0	173.6





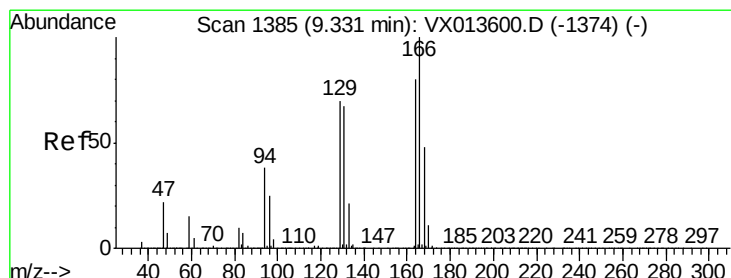
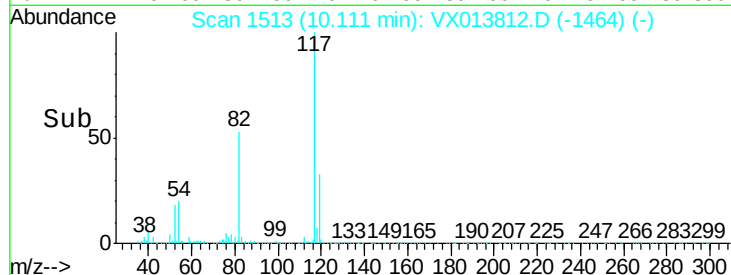
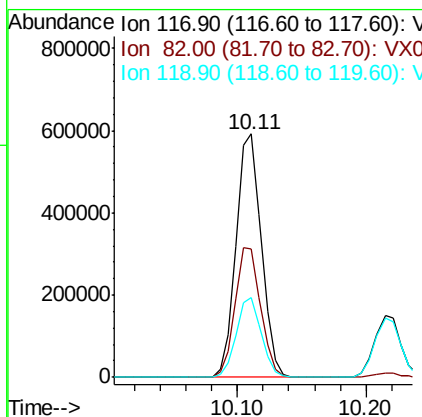
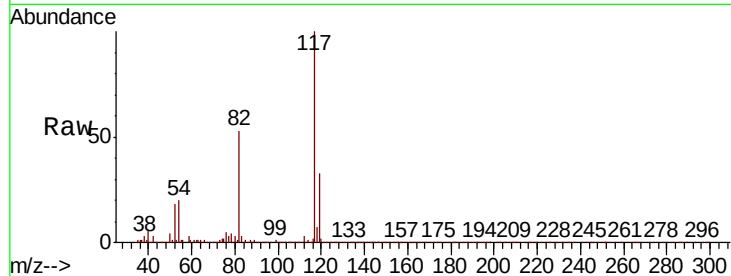
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.9	41.8	62.8
119	32.8	25.8	38.8

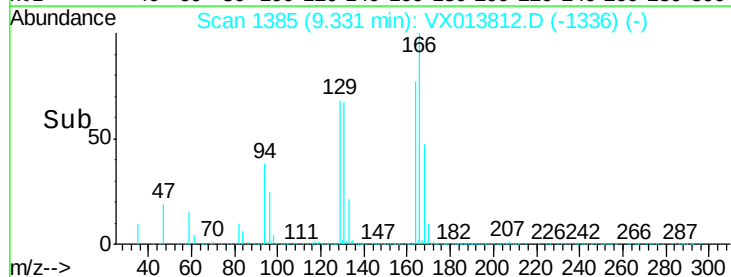
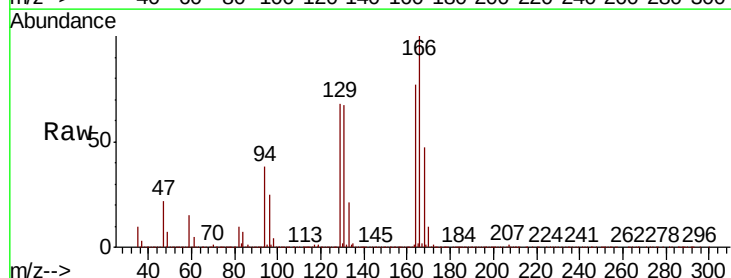
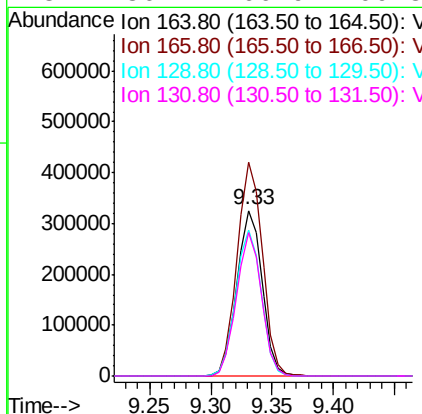
Manual Integrations
APPROVED

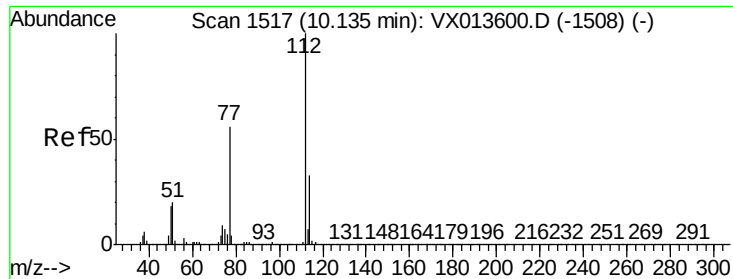
apatel
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#64
Tetrachloroethene
Concen: 76.815 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.1	99.7	149.5
129	88.3	70.1	105.1
131	86.4	66.9	100.3





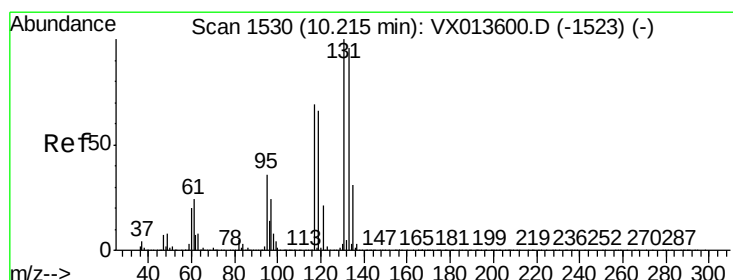
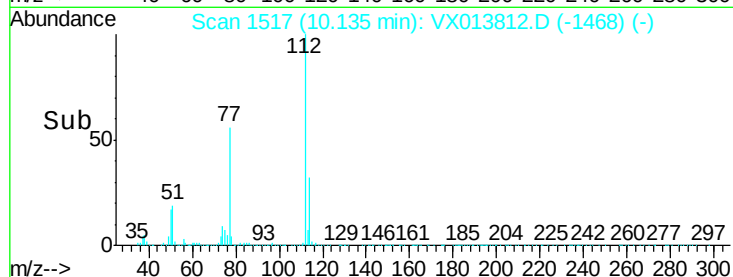
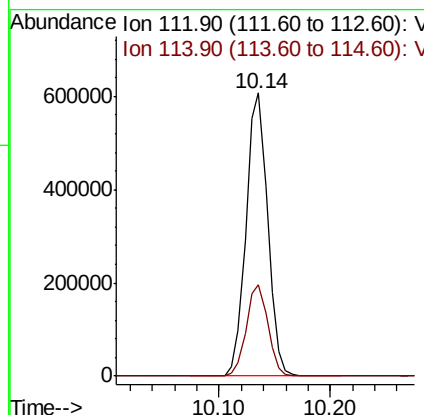
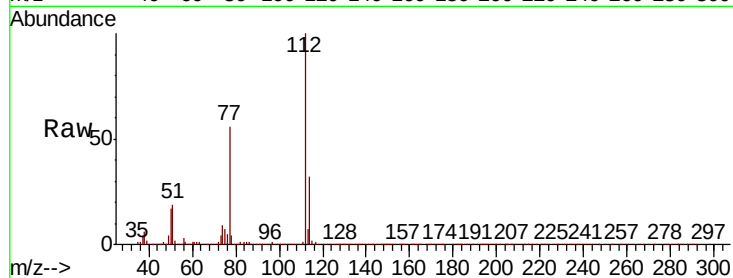
#65
Chlorobenzene
Concen: 48.448 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.1	39.1

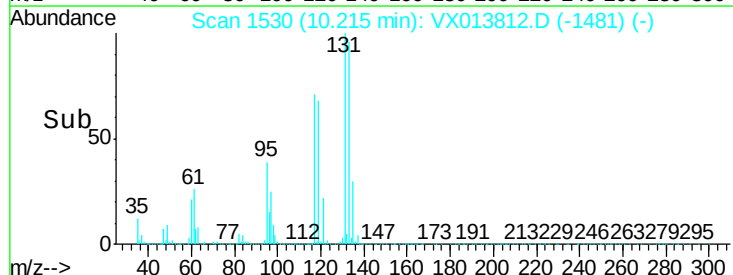
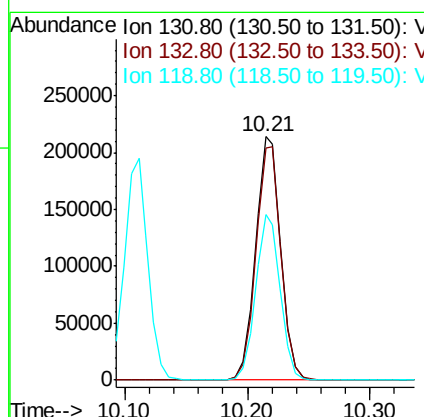
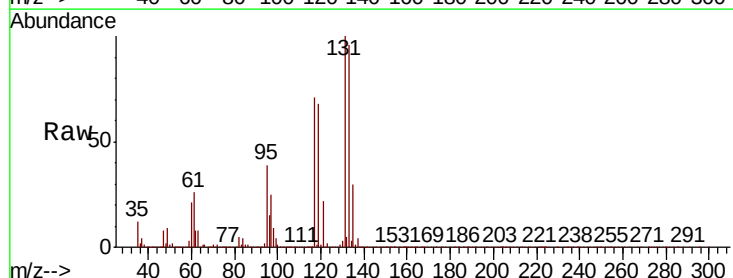
Manual Integrations
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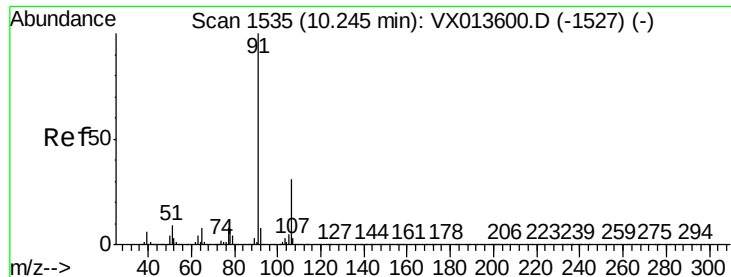
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.193 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.7	143.1
119	66.7	32.9	98.6





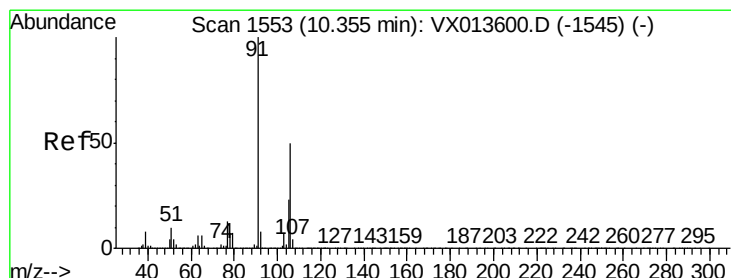
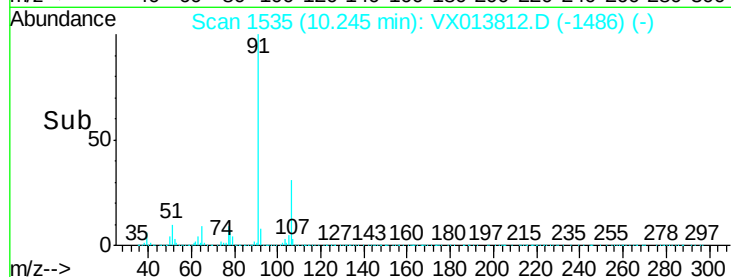
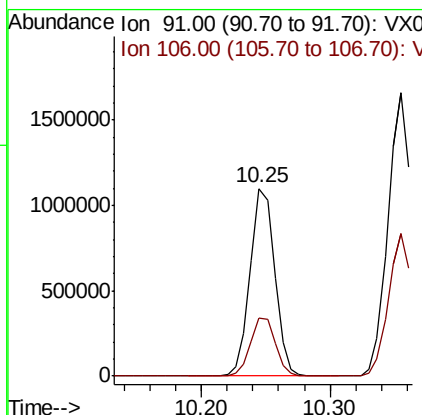
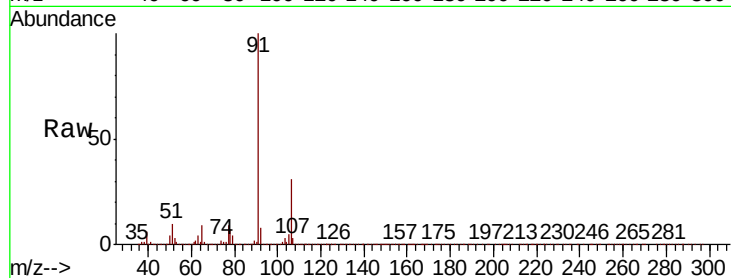
#67
Ethyl Benzene
Concen: 49.860 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1443370
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

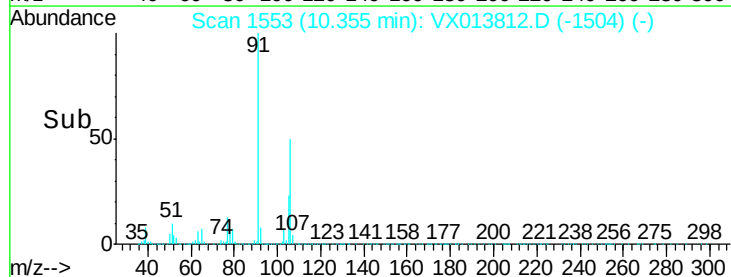
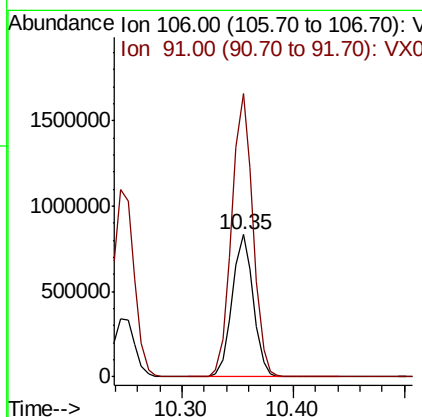
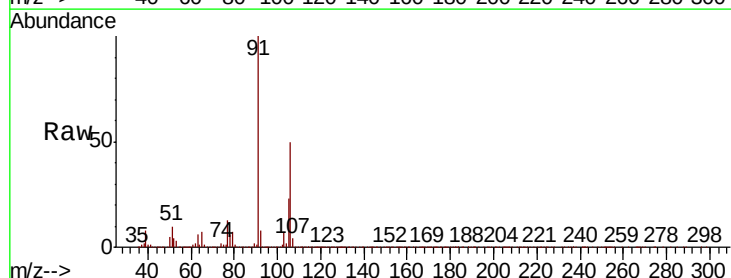
Manual Integrations
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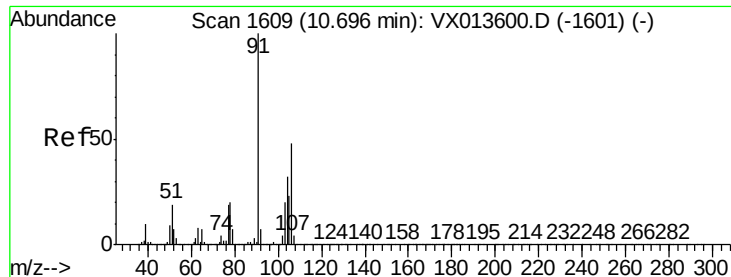
apatel
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#68
m/p-Xylenes
Concen: 98.626 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 106 Resp: 1093084
Ion Ratio Lower Upper
106 100
91 199.2 159.0 238.4





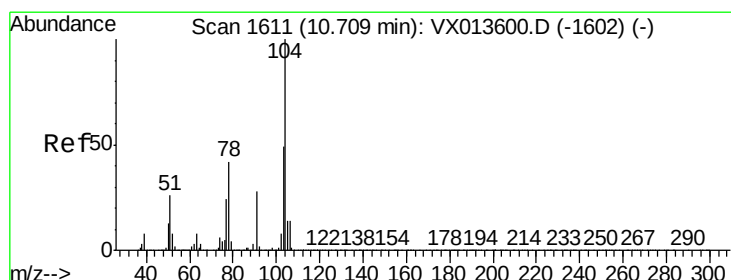
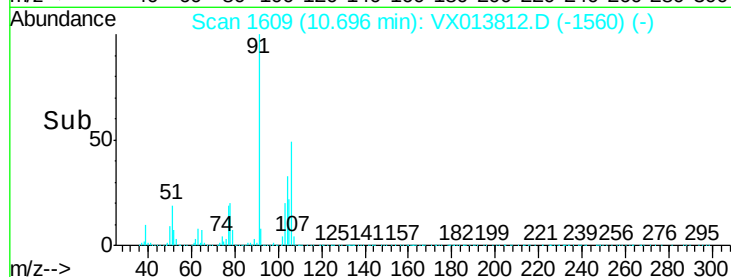
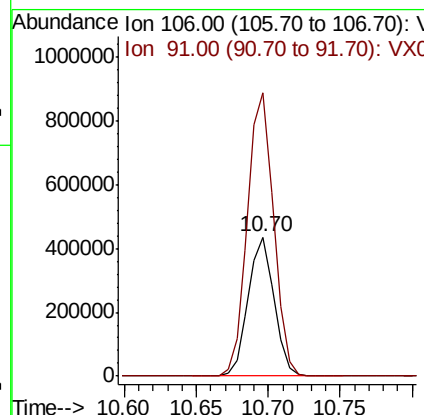
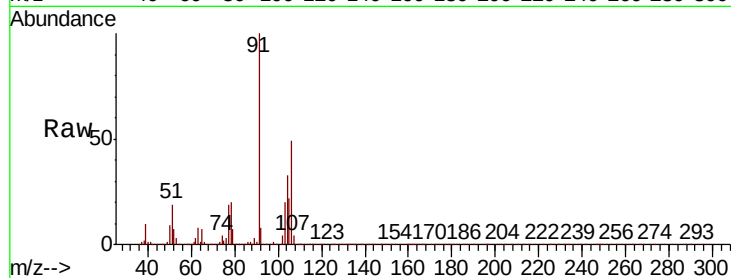
#69
o-Xylene
Concen: 50.075 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.1	104.1	312.2

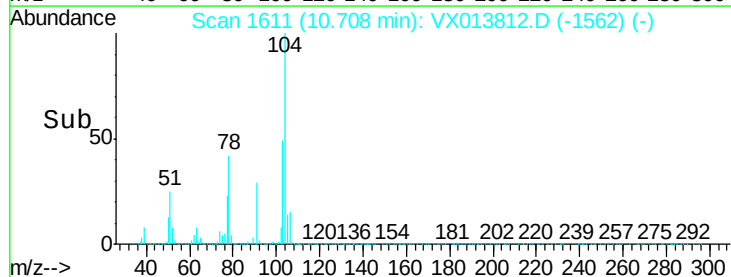
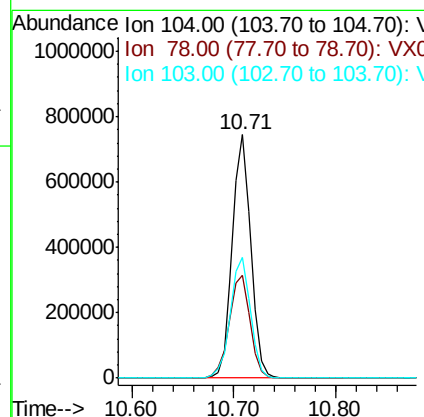
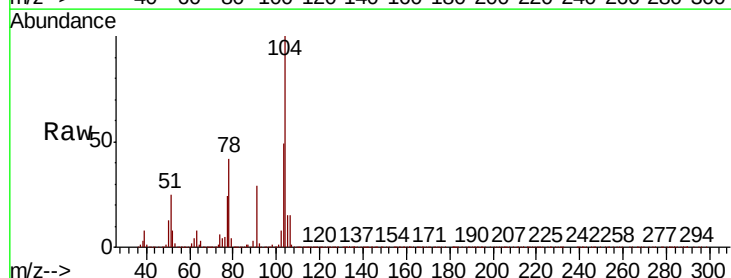
Manual Integrations
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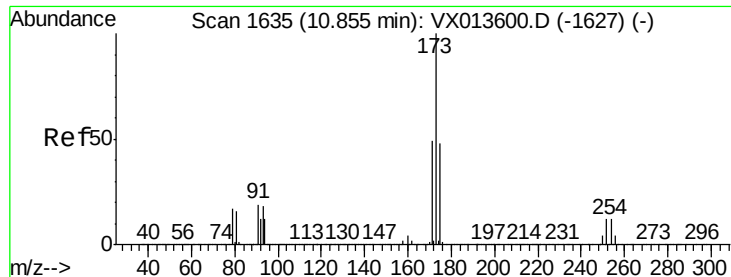
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#70
Styrene
Concen: 51.085 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.5	57.7
103	54.0	43.7	65.5





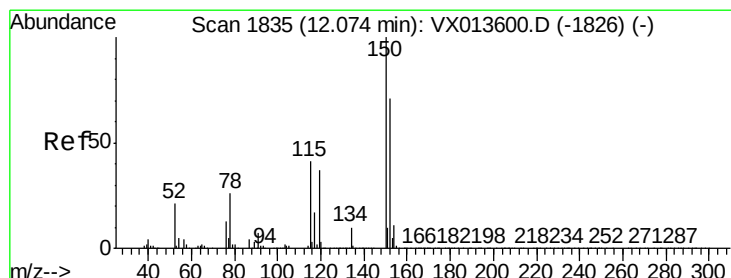
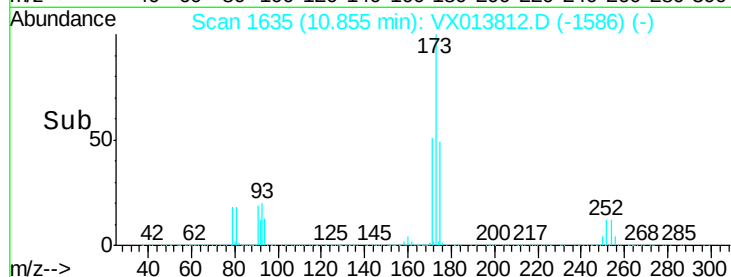
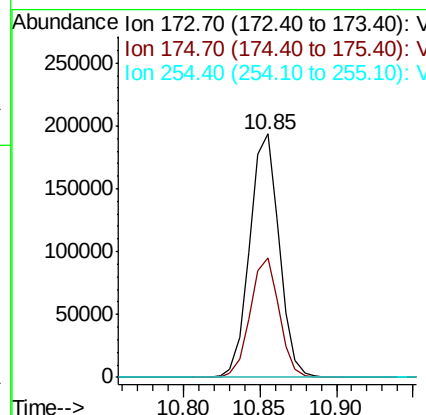
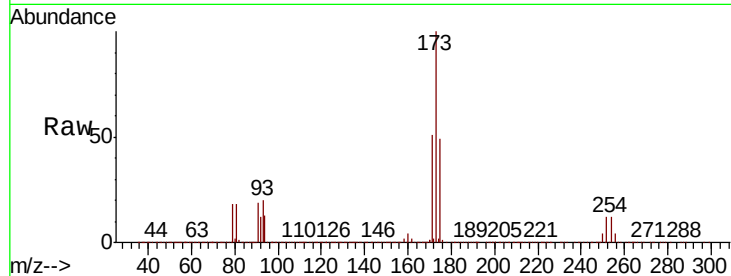
#71
Bromoform
Concen: 51.495 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.0	0.2	0.4

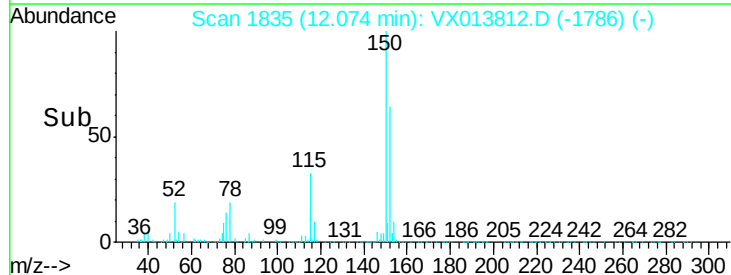
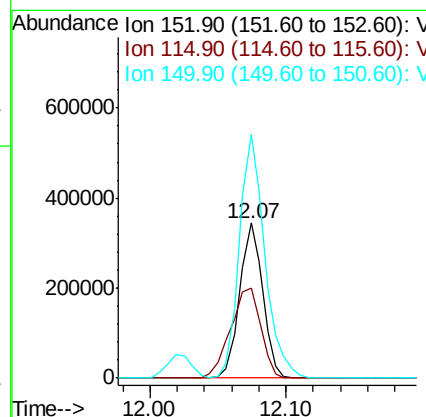
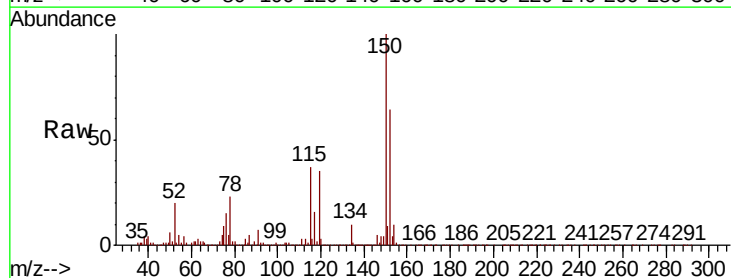
Manual Integrations
APPROVED

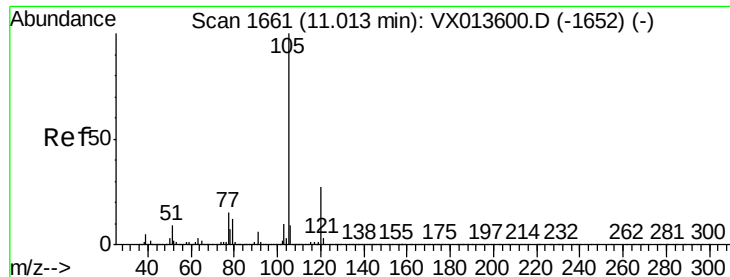
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.4	115.1
150	173.6	0.0	346.8





#73

Isopropylbenzene

Concen: 50.405 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1430001

Ion Ratio Lower Upper

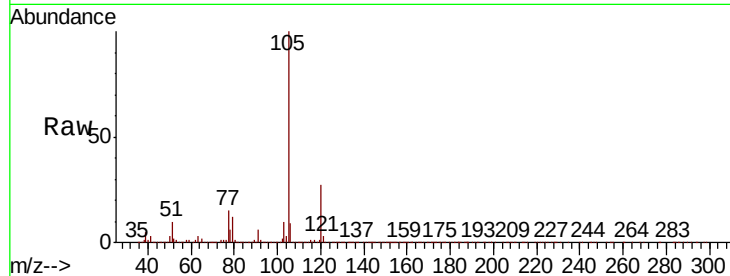
105 100

120 27.0 13.5 40.5

Manual Integrations
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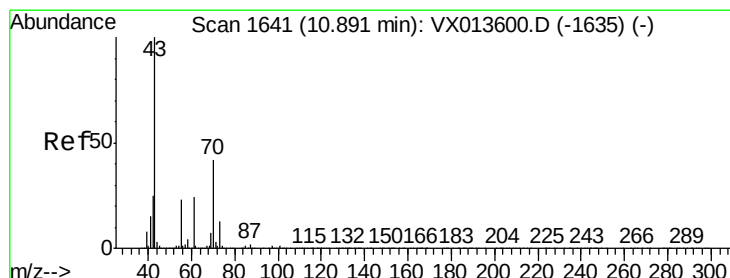
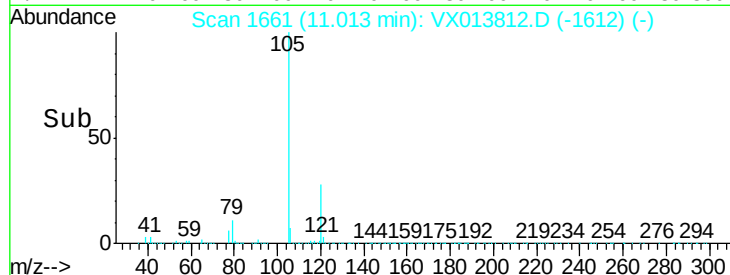
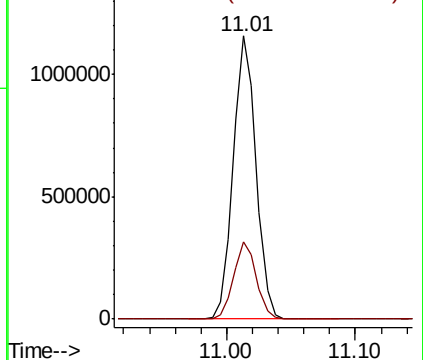
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.289 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion: 43 Resp: 653556

Ion Ratio Lower Upper

43 100

70 43.6 34.3 51.5

55 23.9 18.5 27.7

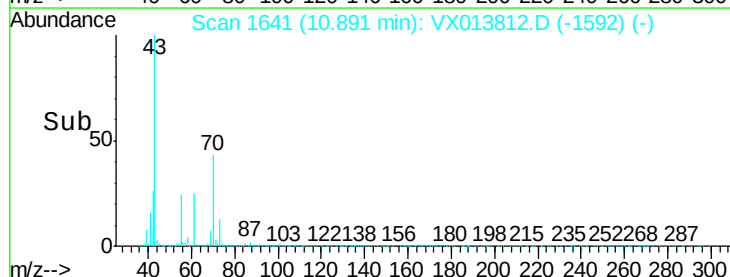
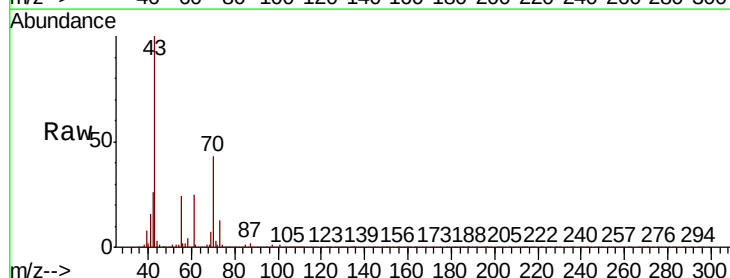
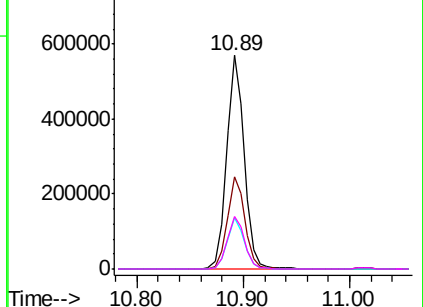
61 24.7 19.8 29.8

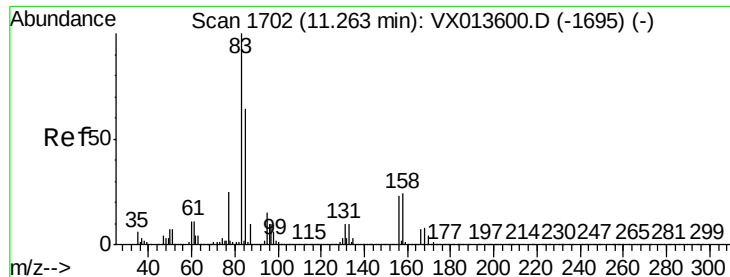
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.915 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

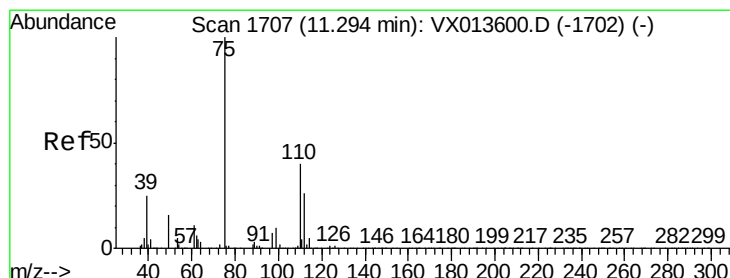
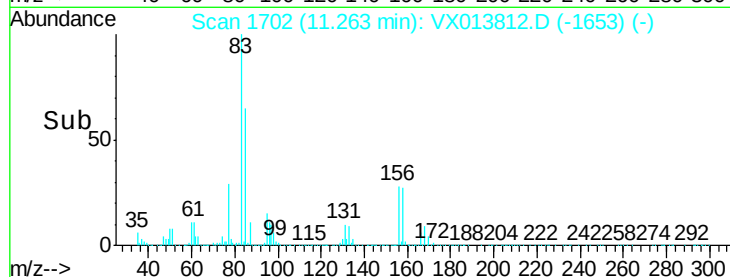
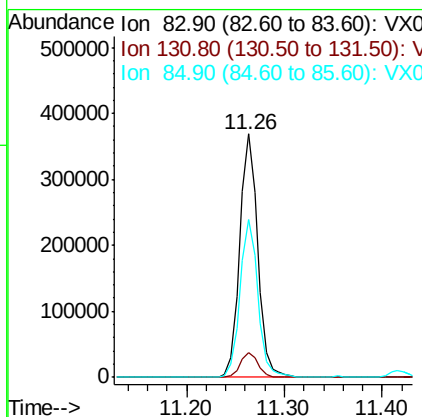
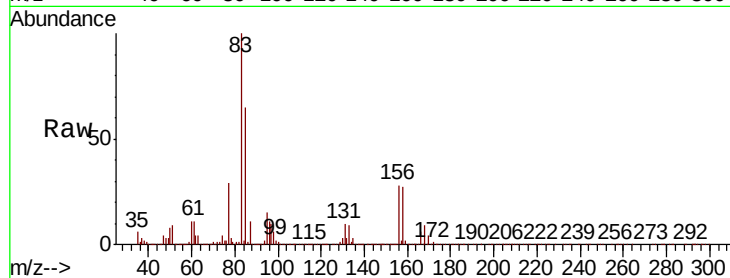
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	471417
Ion Ratio		Lower	Upper
83	100		
131	10.1	5.1	15.3
85	64.3	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.918 ug/l m

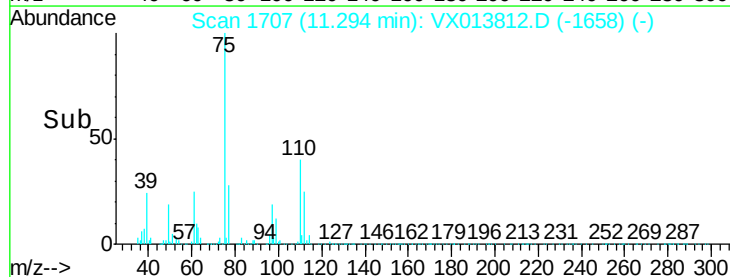
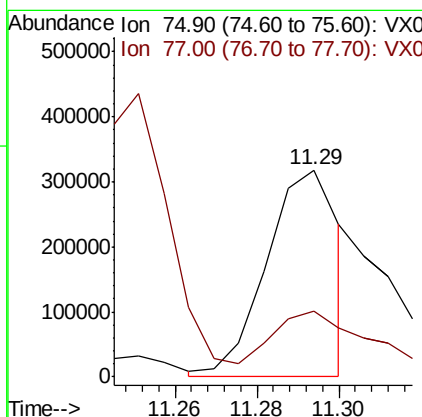
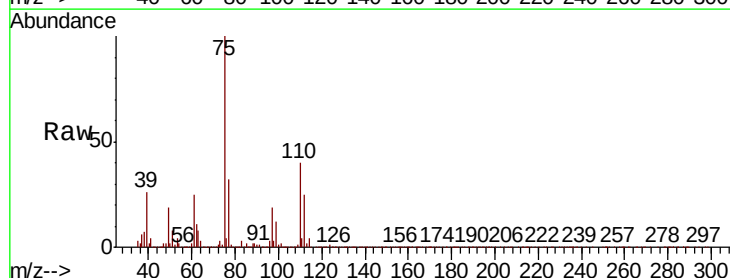
RT: 11.29 min Scan# 1707

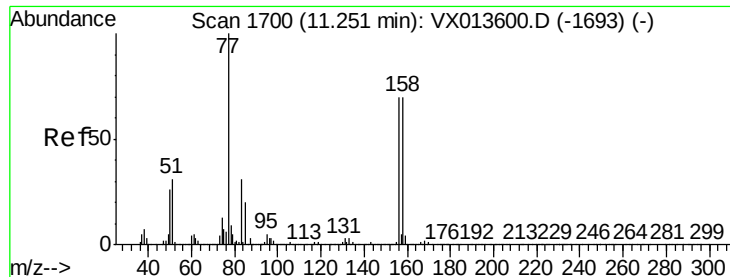
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	75	Resp:	390413
Ion Ratio		Lower	Upper
75	100		
77	44.2	19.1	57.5





#77

Bromobenzene

Concen: 48.595 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

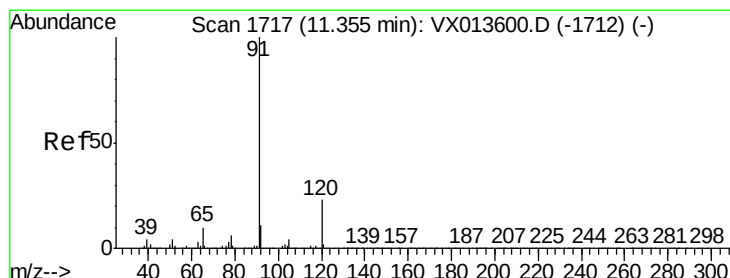
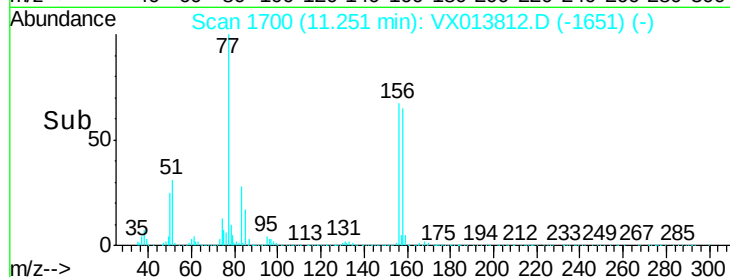
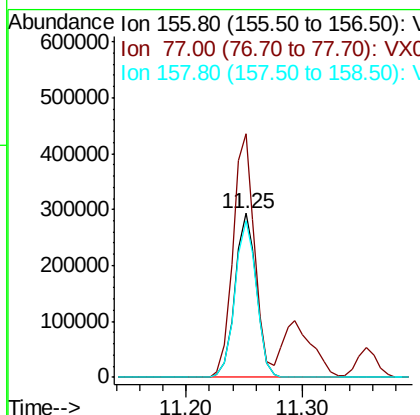
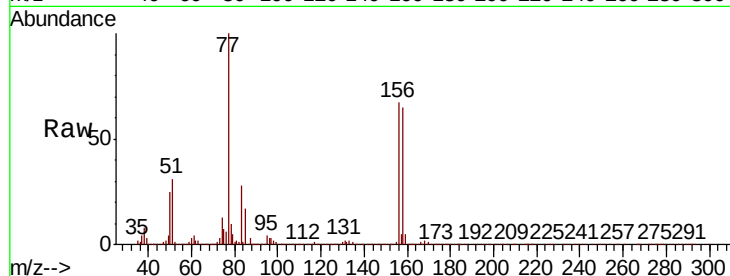
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	372449
Ion Ratio	Lower	Upper	
156	100		
77	150.7	74.4	223.1
158	96.8	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.798 ug/l

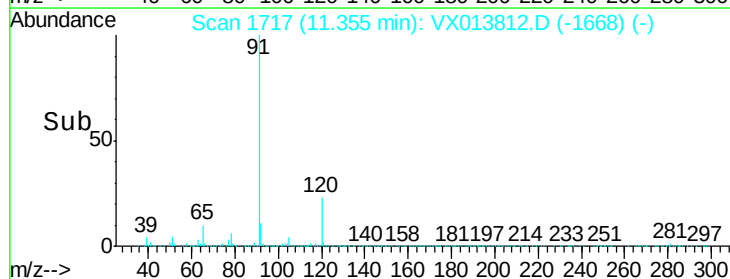
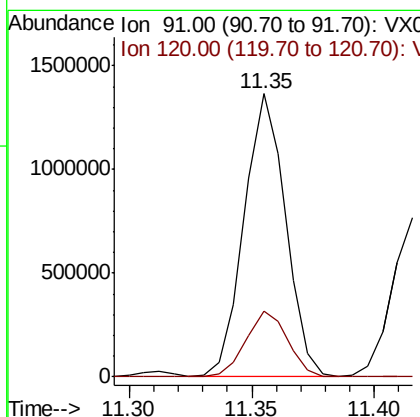
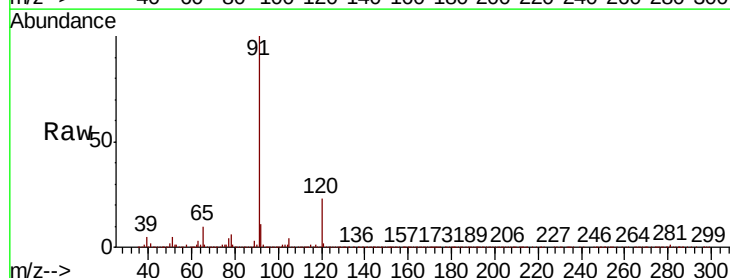
RT: 11.35 min Scan# 1717

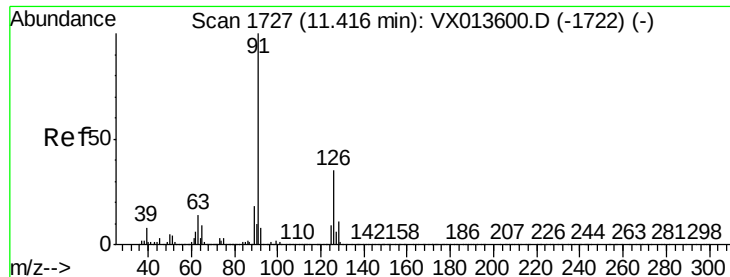
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	91	Resp:	1608783
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 50.021 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 950301

Ion Ratio Lower Upper

91 100

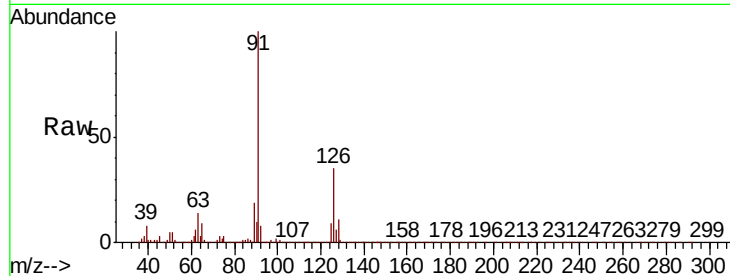
126 35.2 17.5 52.5

Manual Integrations

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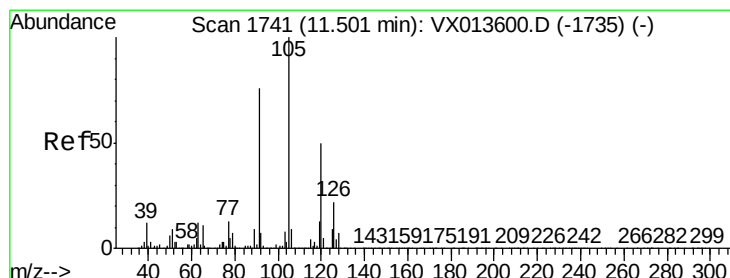
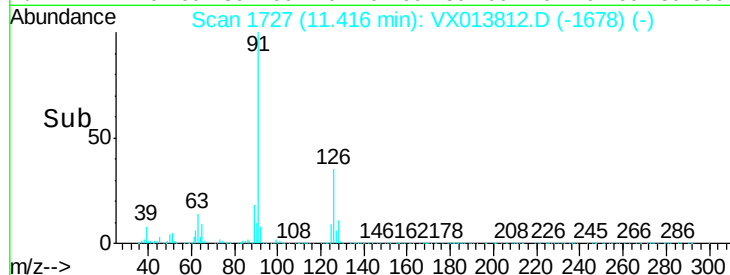
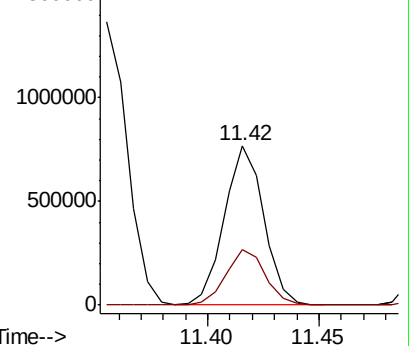
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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 50.774 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013812.D

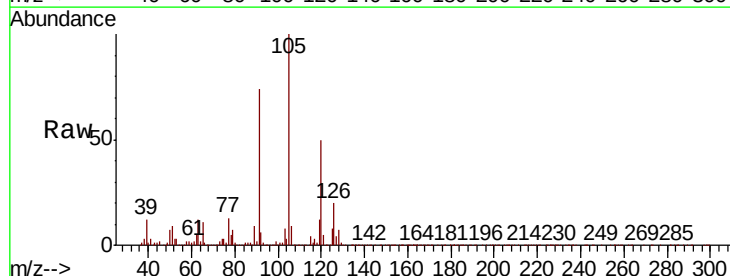
Acq: 06 Dec 2019 20:31

Tgt Ion: 105 Resp: 1180590

Ion Ratio Lower Upper

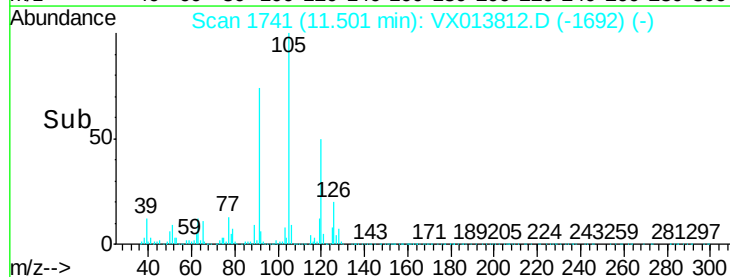
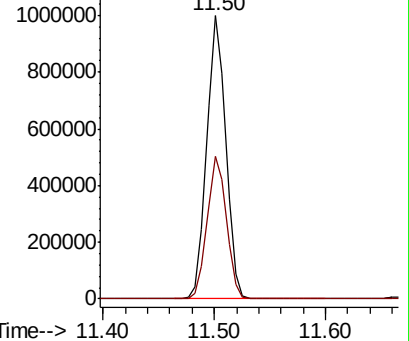
105 100

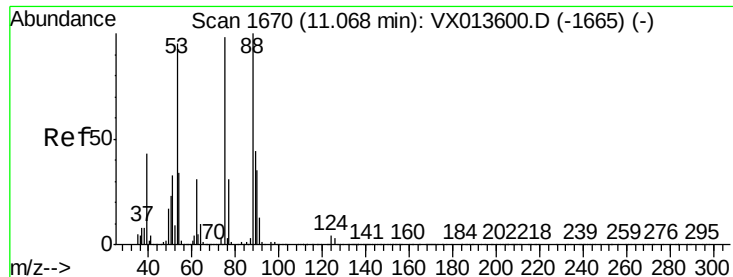
120 50.9 25.3 75.9



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

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





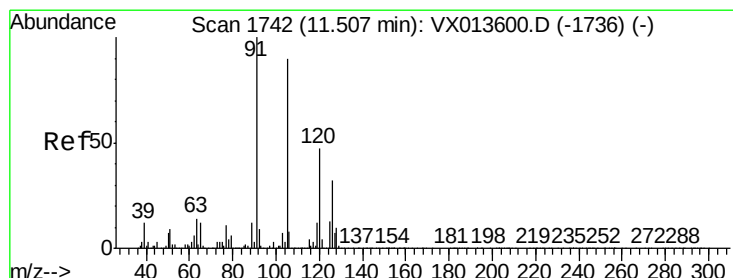
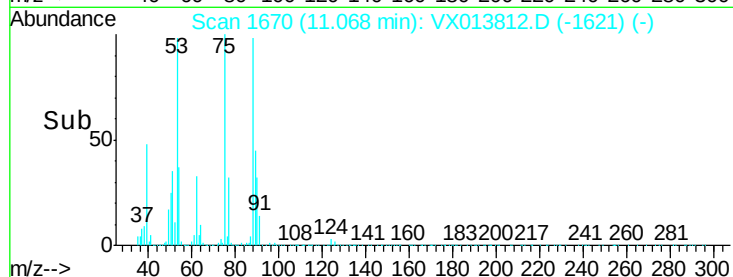
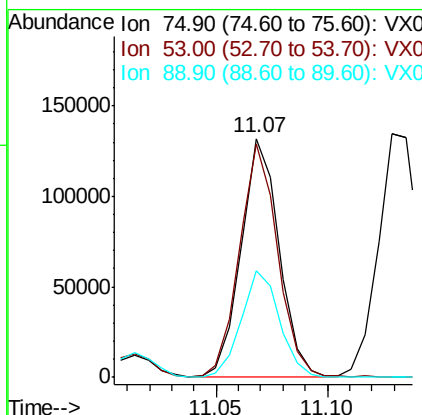
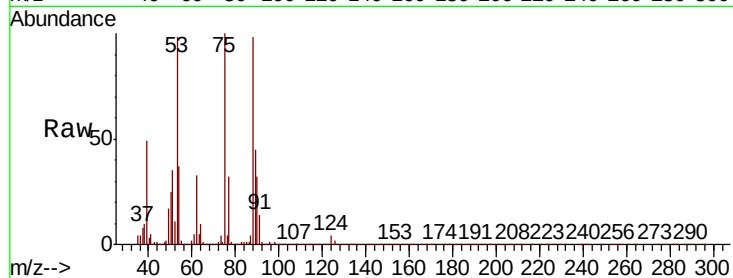
#81
trans-1,4-Dichloro-2-butene
Concen: 47.093 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.2	117.2
89	45.8	35.4	53.2

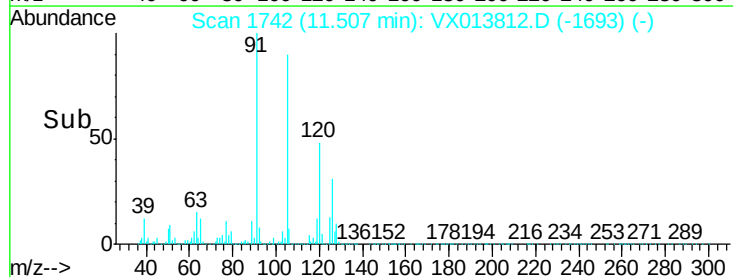
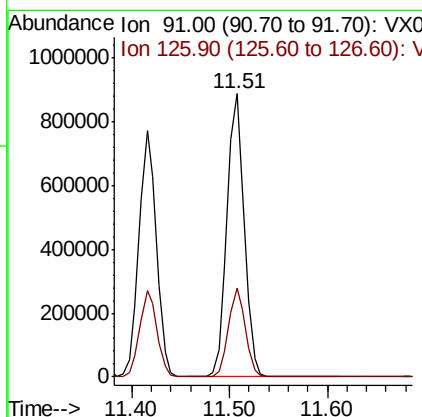
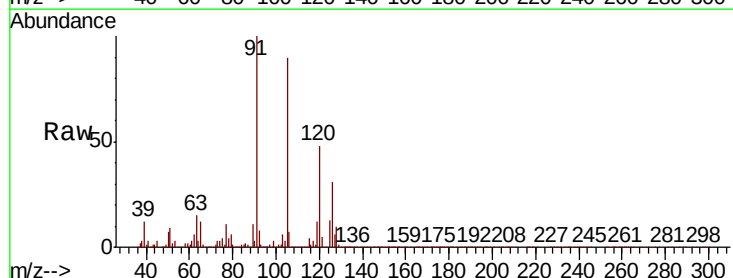
Manual Integrations
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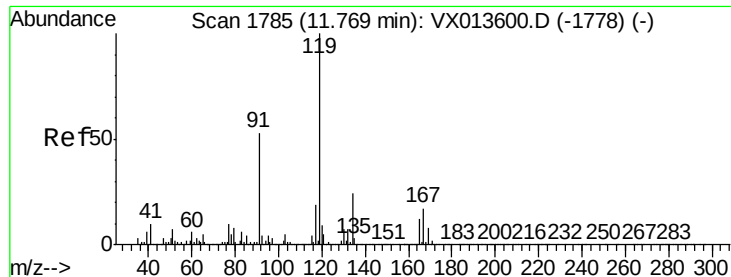
apatel
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#82
4-Chlorotoluene
Concen: 49.583 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.7	47.0





#83

tert-Butylbenzene

Concen: 43.293 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

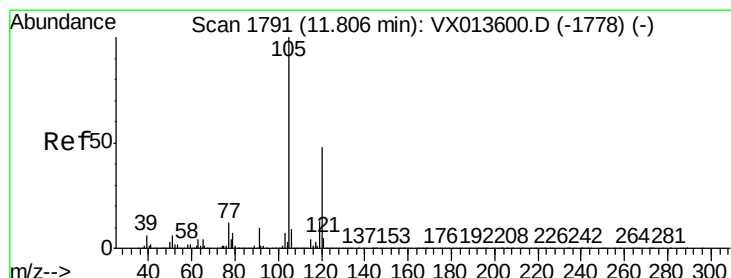
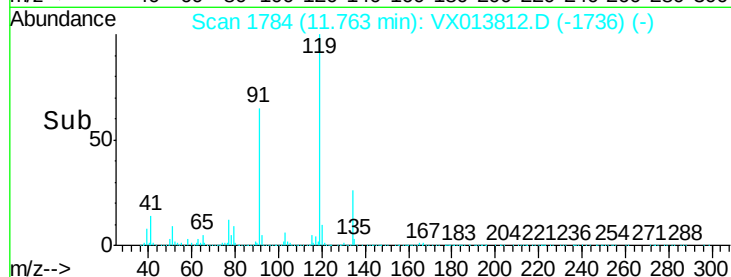
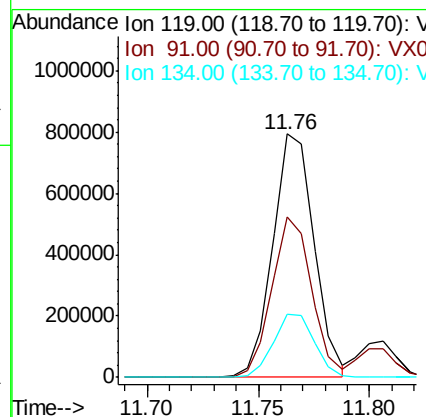
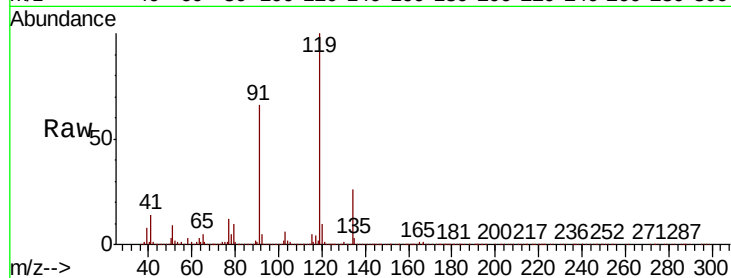
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1023048
Ion	Ratio	Lower	Upper
119	100		
91	63.5	27.2	81.6
134	25.9	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.276 ug/l

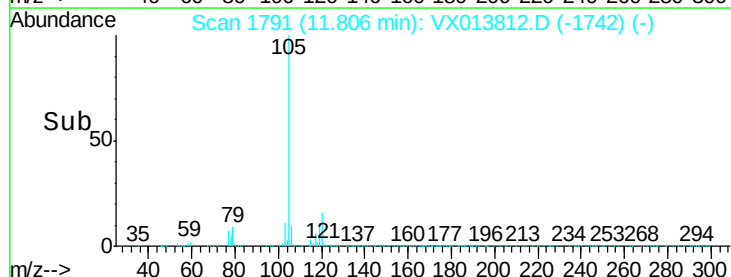
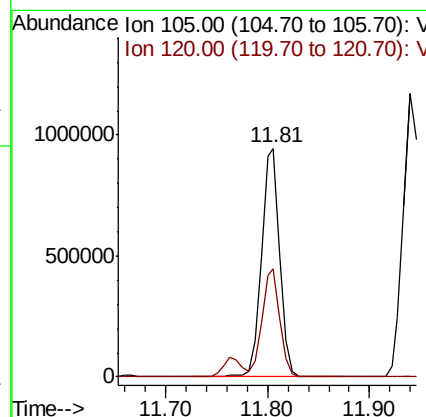
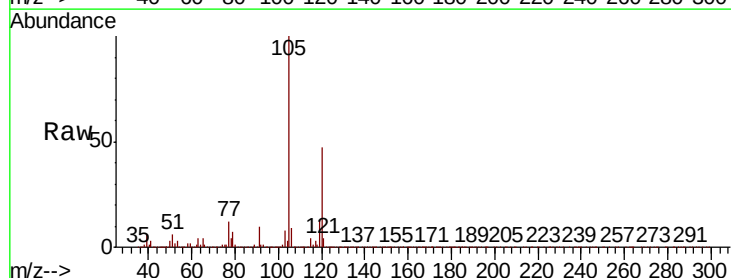
RT: 11.81 min Scan# 1791

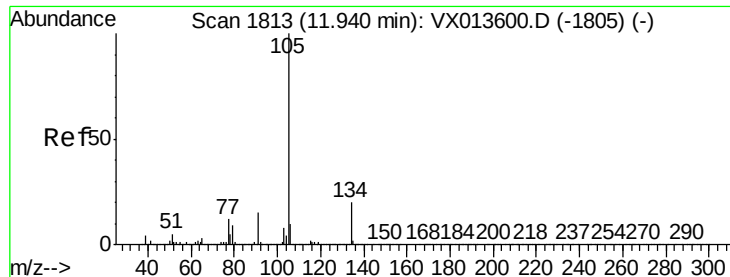
Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:	105	Resp:	1186432
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.863 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1372861

Ion Ratio Lower Upper

105 100

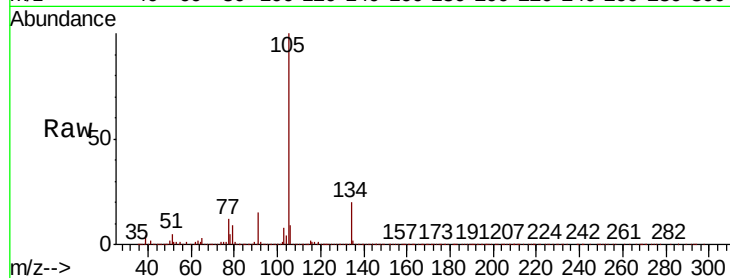
134 20.8 10.4 31.2

Manual Integrations

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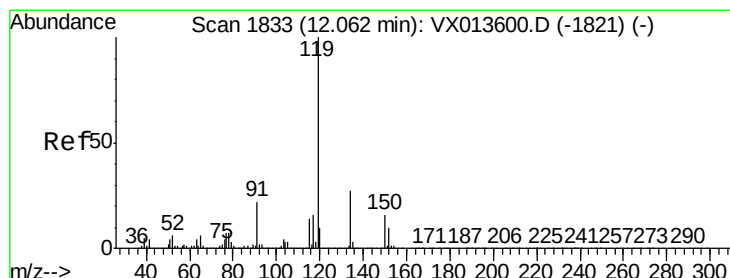
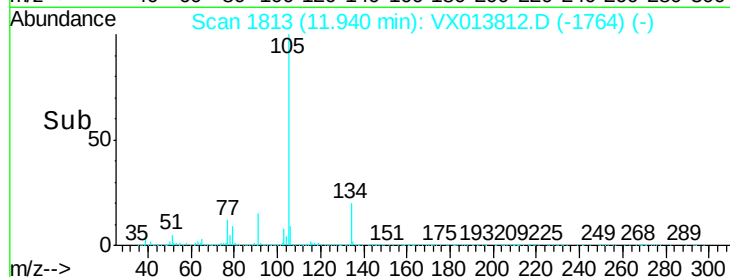
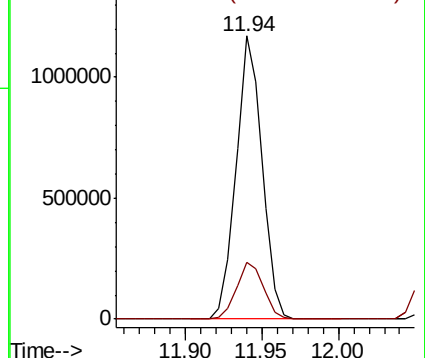
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.776 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

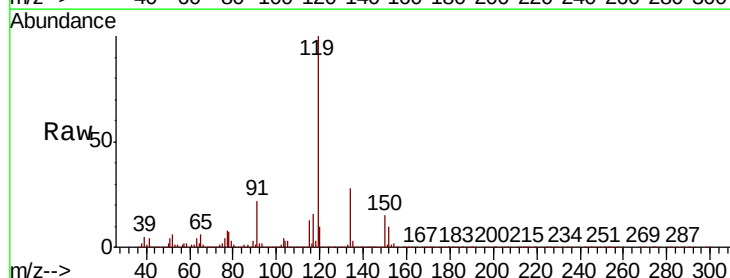
Tgt Ion:119 Resp: 1249886

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

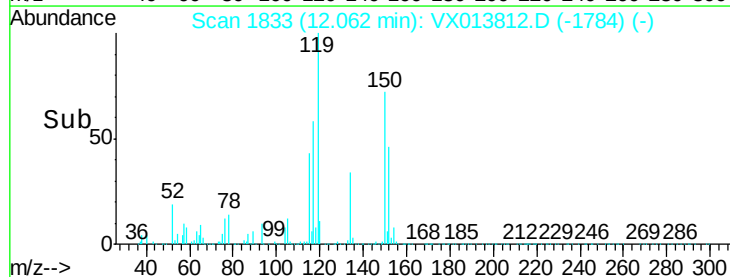
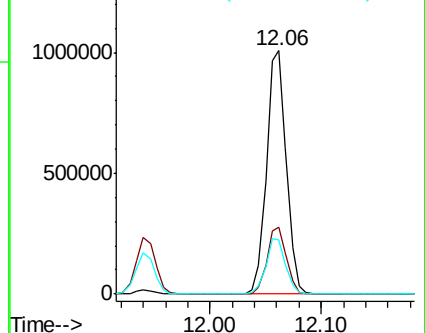
91 22.6 11.3 33.8

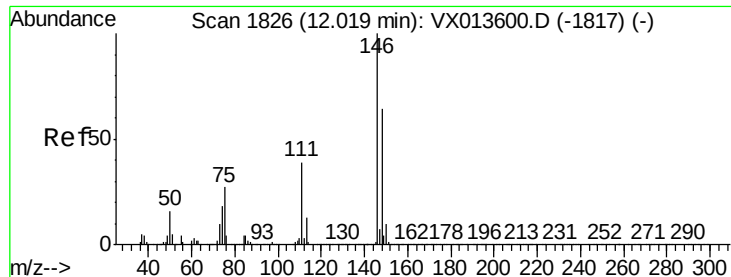


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





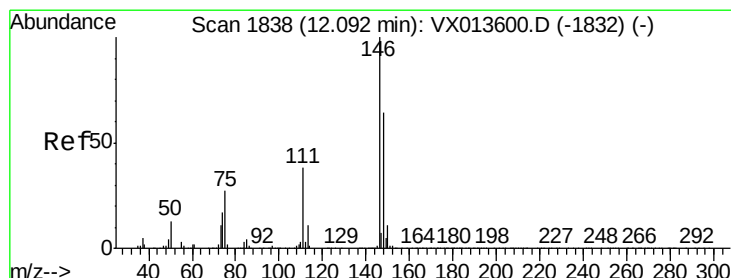
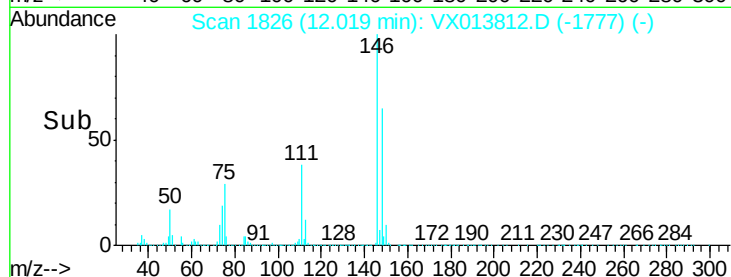
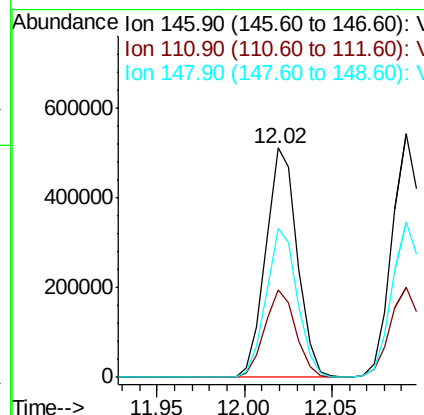
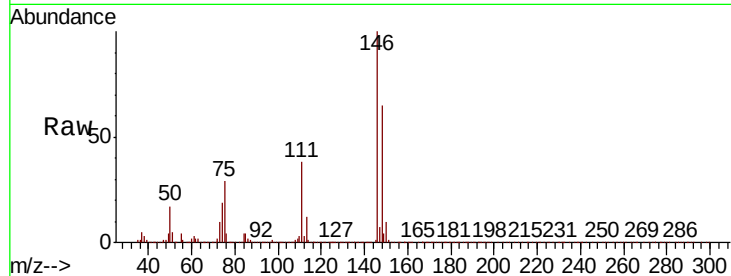
#87
 1,3-Dichlorobenzene
 Concen: 48.535 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	64.2	31.8	95.4

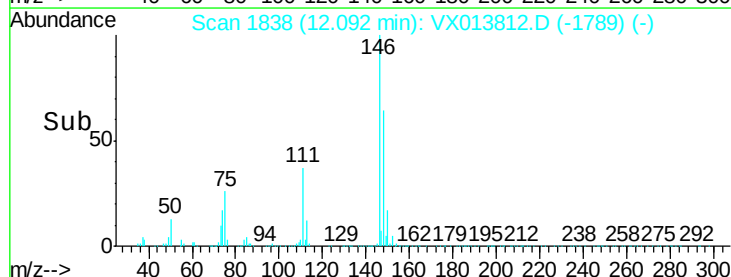
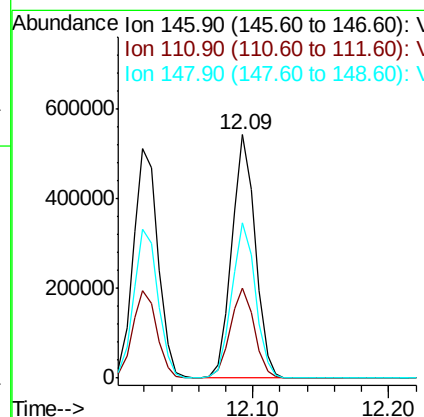
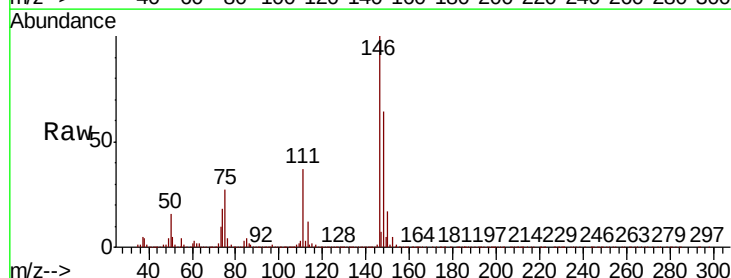
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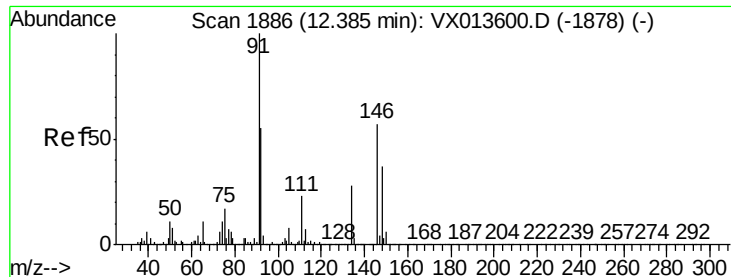
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#88
 1,4-Dichlorobenzene
 Concen: 47.632 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.2	31.9	95.5





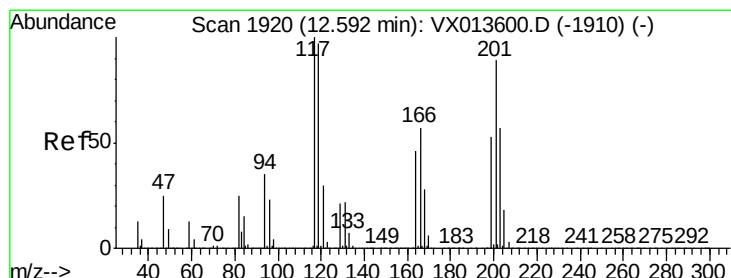
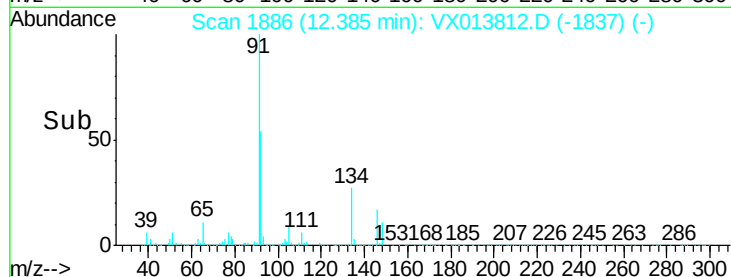
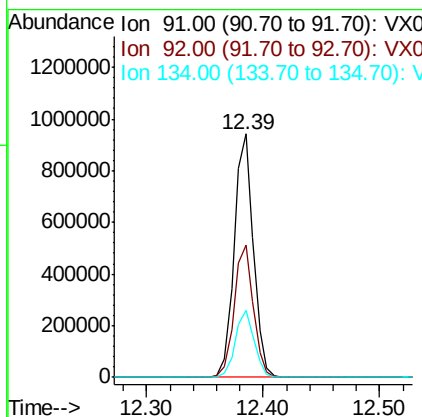
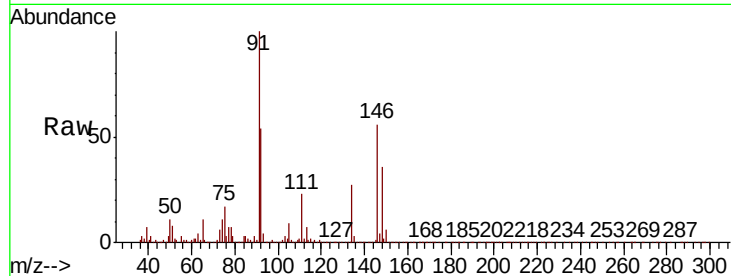
#89
n-Butylbenzene
Concen: 50.283 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

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

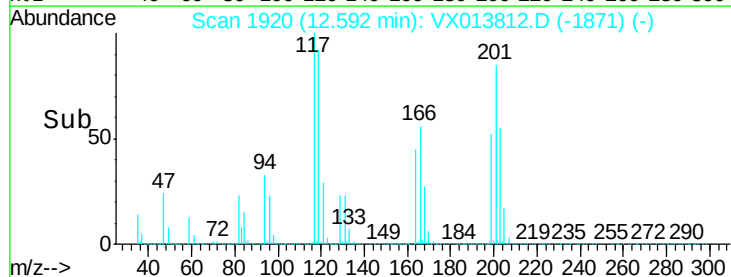
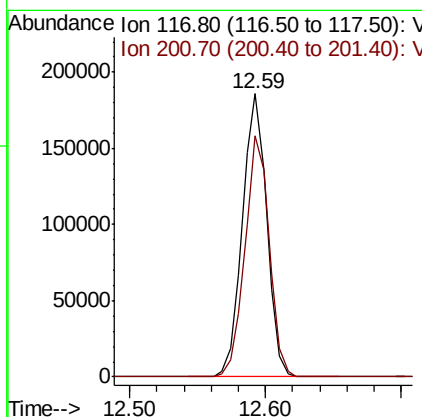
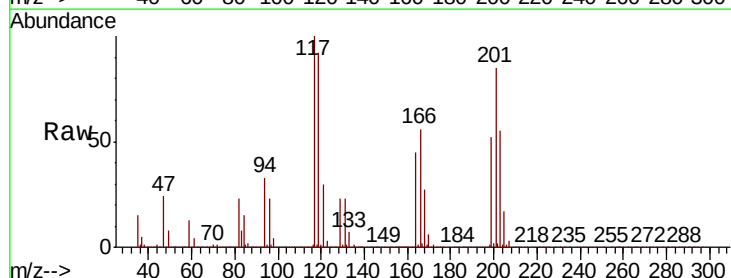
Manual Integrations
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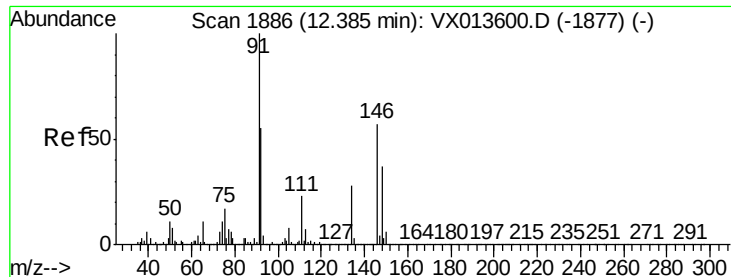
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#90
Hexachloroethane
Concen: 51.001 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	44.1	132.4





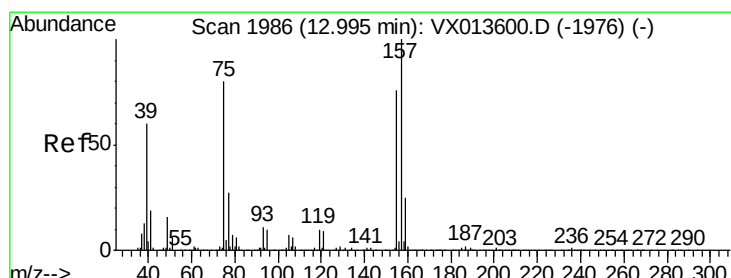
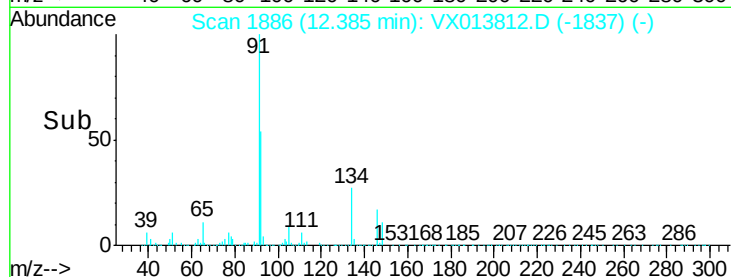
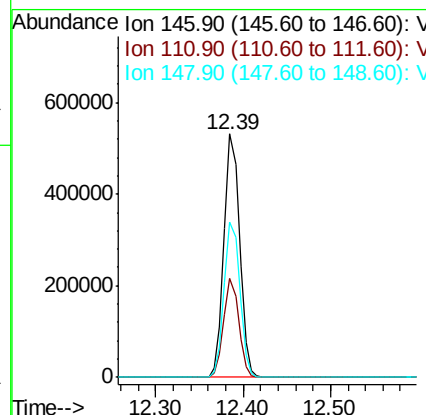
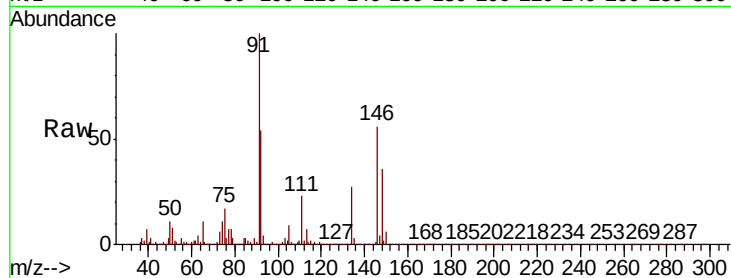
#91
 1,2-Dichlorobenzene
 Concen: 49.559 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.4	31.9	95.7

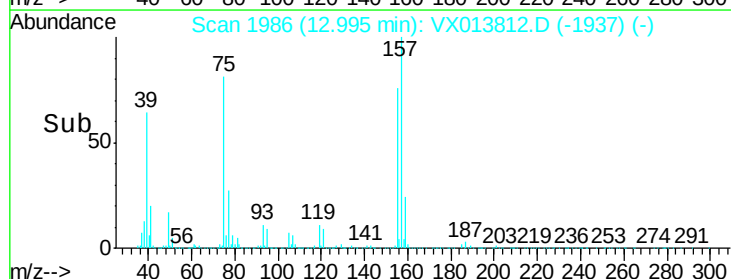
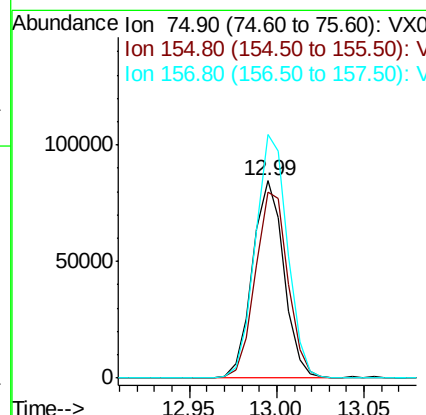
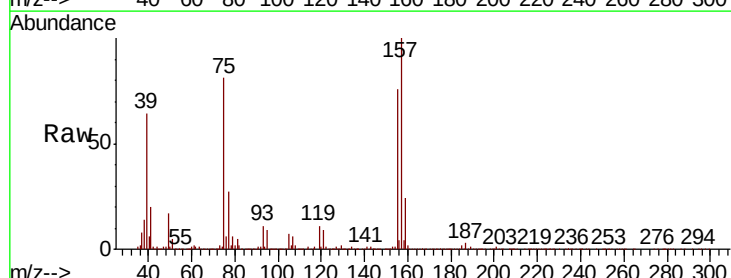
Manual Integrations
 APPROVED

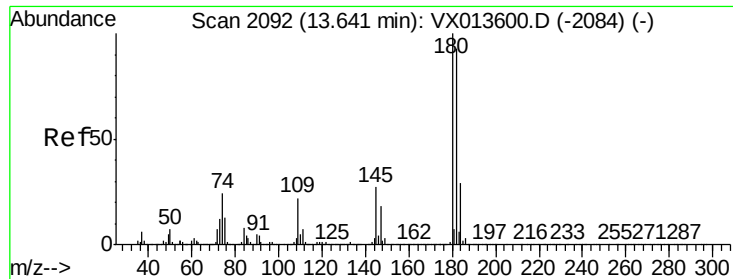
apatel
 12/9/2019 9:08:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.376 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	47.6	142.8
157	126.8	62.1	186.2





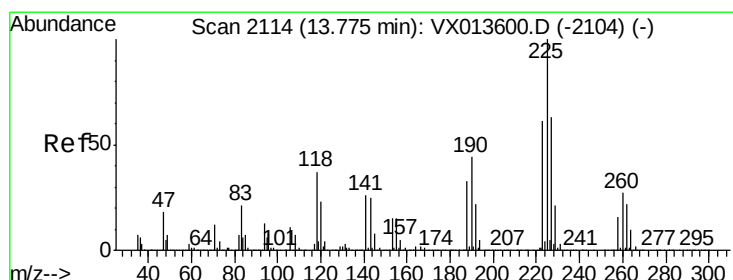
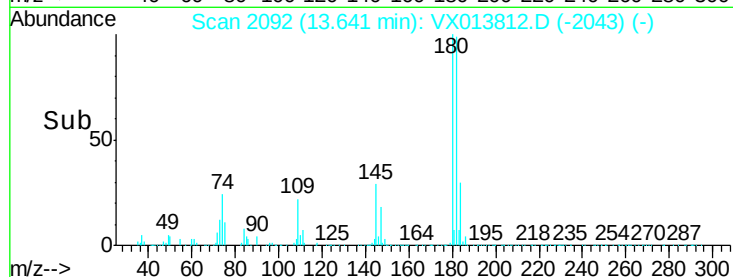
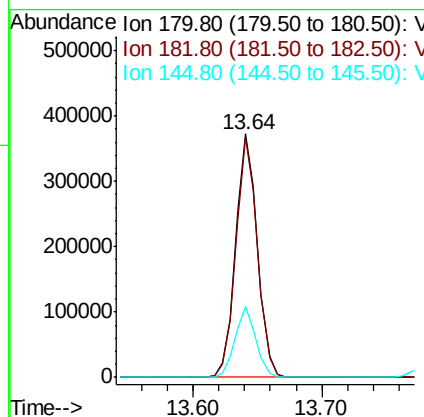
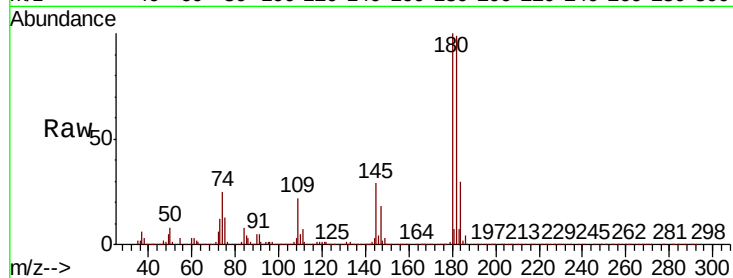
#93
 1,2,4-Trichlorobenzene
 Concen: 47.769 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	439463
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.2	141.6
145	28.0	13.8	41.4

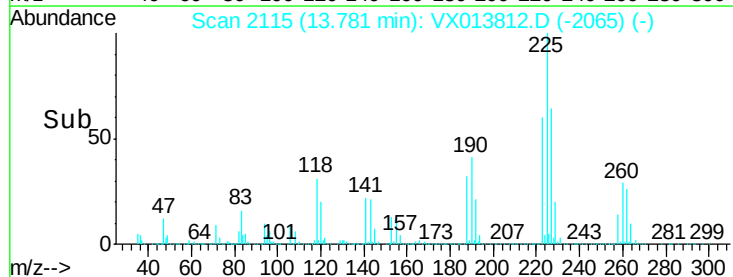
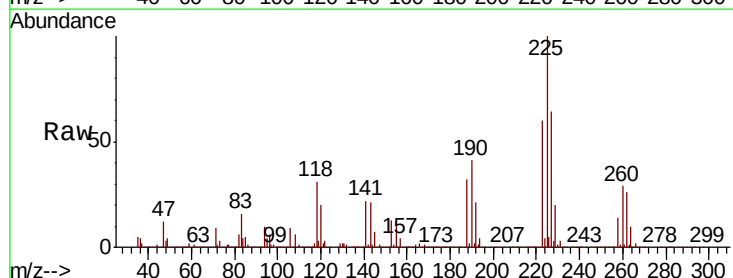
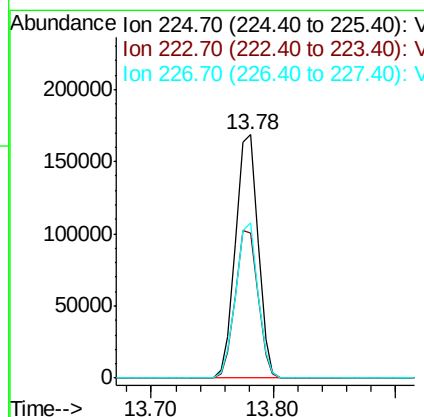
Manual Integrations
 APPROVED

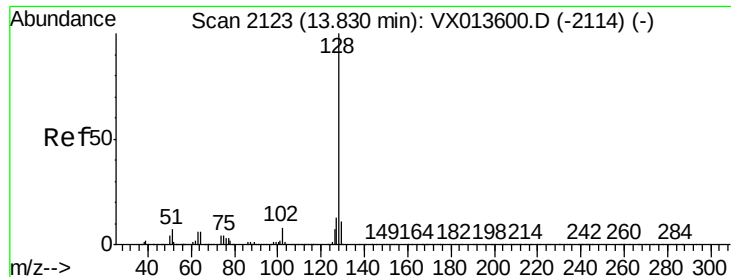
apatel
 12/9/2019 9:08:08 AM



#94
 Hexachlorobutadiene
 Concen: 48.466 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion:	225	Resp:	214189
Ion Ratio	Lower	Upper	
225	100		
223	61.0	31.9	95.5
227	63.0	32.1	96.3





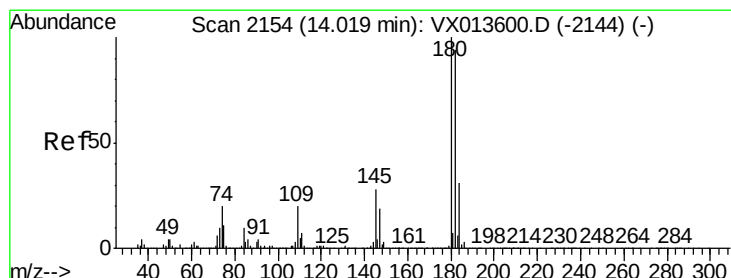
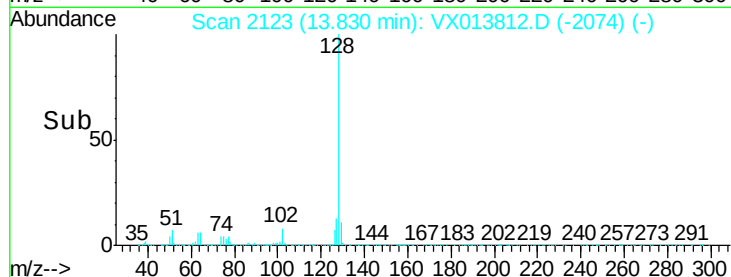
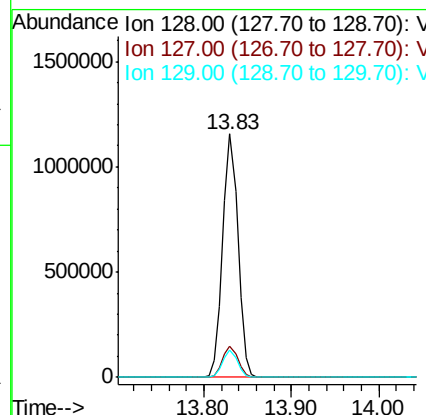
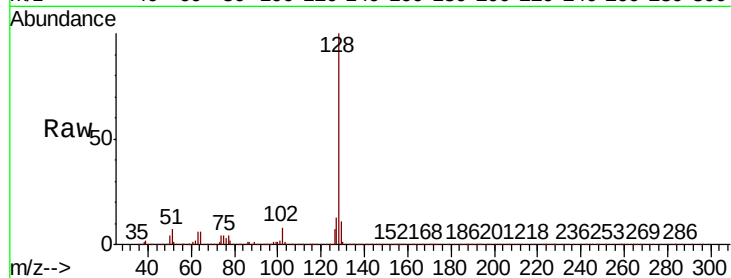
#95
Naphthalene
Concen: 50.901 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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12/9/2019 9:08:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.577 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	29.8	15.0	45.0

