

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015811.D
 Acq On : 21 Apr 2020 21:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 22 04:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	892915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1381668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1294939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	668945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	542598	43.09	ug/l	0.00
Spiked Amount			Recovery	=	86.18%	
35) Dibromofluoromethane	5.47	113	429052	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.70	98	1623588	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.12	95	678737	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	302176	38.412	ug/l	99
3) Chloromethane	1.31	50	361982	36.132	ug/l	97
4) Vinyl Chloride	1.39	62	429075	46.644	ug/l	99
5) Bromomethane	1.62	94	130796	27.149	ug/l	97
6) Chloroethane	1.71	64	267535	46.893	ug/l	97
7) Trichlorofluoromethane	1.92	101	578741	46.913	ug/l	98
8) Diethyl Ether	2.17	74	251737	48.379	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	406136	50.500	ug/l	97
10) Methyl Iodide	2.49	142	440552	40.630	ug/l	96
11) Tert butyl alcohol	3.02	59	623122	206.719	ug/l	100
12) 1,1-Dichloroethene	2.36	96	414832	49.209	ug/l	96
13) Acrolein	2.28	56	520211	302.958	ug/l	99
14) Allyl chloride	2.71	41	902318	45.809	ug/l	96
15) Acrylonitrile	3.12	53	1487630	258.782	ug/l	98
16) Acetone	2.42	43	1286974	237.866	ug/l	93
17) Carbon Disulfide	2.55	76	1055021	41.025	ug/l	100
18) Methyl Acetate	2.75	43	802300	58.099	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	1658222	50.718	ug/l	99
20) Methylene Chloride	2.84	84	494889	48.970	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	452369	48.352	ug/l	98
22) Diisopropyl ether	3.83	45	1766251	50.603	ug/l	86
23) Vinyl Acetate	3.79	43	7669407	242.686	ug/l	99
24) 1,1-Dichloroethane	3.67	63	896116	48.762	ug/l	98
25) 2-Butanone	4.64	43	2112381	242.768	ug/l	100
26) 2,2-Dichloropropane	4.56	77	701045	46.475	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	557801	51.533	ug/l	96
28) Bromochloromethane	4.99	49	387098	44.118	ug/l	95
29) Tetrahydrofuran	5.09	42	1369963	244.908	ug/l	97
30) Chloroform	5.19	83	900780	50.947	ug/l	95
31) Cyclohexane	5.55	56	762713	47.842	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	800488	50.027	ug/l	98
36) 1,1-Dichloropropene	5.78	75	646775	50.805	ug/l	98
37) Ethyl Acetate	4.80	43	834656	50.353	ug/l	99
38) Carbon Tetrachloride	5.76	117	660054	47.870	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	752267	51.250	ug/l	96
40) Benzene	6.12	78	1987599	53.299	ug/l	99
41) Methacrylonitrile	5.01	41	480271	52.194	ug/l	97
42) 1,2-Dichloroethane	6.17	62	737017	49.203	ug/l	97
43) Isopropyl Acetate	6.42	43	1429225	51.076	ug/l	98
44) Trichloroethene	7.19	130	698167	68.648	ug/l	93
45) 1,2-Dichloropropane	7.50	63	543038	53.232	ug/l	97
46) Dibromomethane	7.64	93	360040	53.803	ug/l	94
47) Bromodichloromethane	7.88	83	732093	51.342	ug/l	95
48) Methyl methacrylate	7.75	41	711412	50.900	ug/l	94
49) 1,4-Dioxane	7.72	88	236849	908.386	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4256309	268.401	ug/l	98
52) Toluene	8.77	92	1263830	54.971	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	874280	52.279	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	901668	52.929	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	536532	56.960	ug/l	99
56) Ethyl methacrylate	9.16	69	904523	54.487	ug/l	95
57) 1,3-Dichloropropane	9.36	76	910139	53.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1943026	240.633	ug/l	98
59) 2-Hexanone	9.48	43	3223813	269.269	ug/l	96
60) Dibromochloromethane	9.57	129	594390	52.514	ug/l	98
61) 1,2-Dibromoethane	9.65	107	558960	54.574	ug/l	99
64) Tetrachloroethene	9.32	164	932614	95.432	ug/l	99
65) Chlorobenzene	10.12	112	1412215	54.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	567474	55.003	ug/l	100
67) Ethyl Benzene	10.24	91	2482842	54.207	ug/l	99
68) m/p-Xylenes	10.34	106	1855729	108.805	ug/l	98
69) o-Xylene	10.68	106	922396	54.730	ug/l	99
70) Styrene	10.70	104	1639608	55.286	ug/l	98
71) Bromoform	10.84	173	475743	50.653	ug/l #	100
73) Isopropylbenzene	11.01	105	2460647	56.140	ug/l	99
74) N-amyl acetate	10.89	43	1317121	54.030	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	590108	39.236	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1011975	73.564	ug/l	83
77) Bromobenzene	11.24	156	675223	57.754	ug/l	94
78) n-propylbenzene	11.35	91	2766075	55.190	ug/l	99
79) 2-Chlorotoluene	11.41	91	1673691	54.483	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2101903	56.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	298537	52.073	ug/l	95
82) 4-Chlorotoluene	11.49	91	2005265	55.682	ug/l	99
83) tert-Butylbenzene	11.76	119	1893003	51.773	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	2144130	56.209	ug/l	99
85) sec-Butylbenzene	11.93	105	2425336	57.354	ug/l	100
86) p-Isopropyltoluene	12.05	119	2258899	57.540	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1193827	57.040	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1200206	56.298	ug/l	99
89) n-Butylbenzene	12.37	91	1980954	55.839	ug/l	99
90) Hexachloroethane	12.58	117	227067	29.717	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1179113	57.567	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	192459	45.339	ug/l	88

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

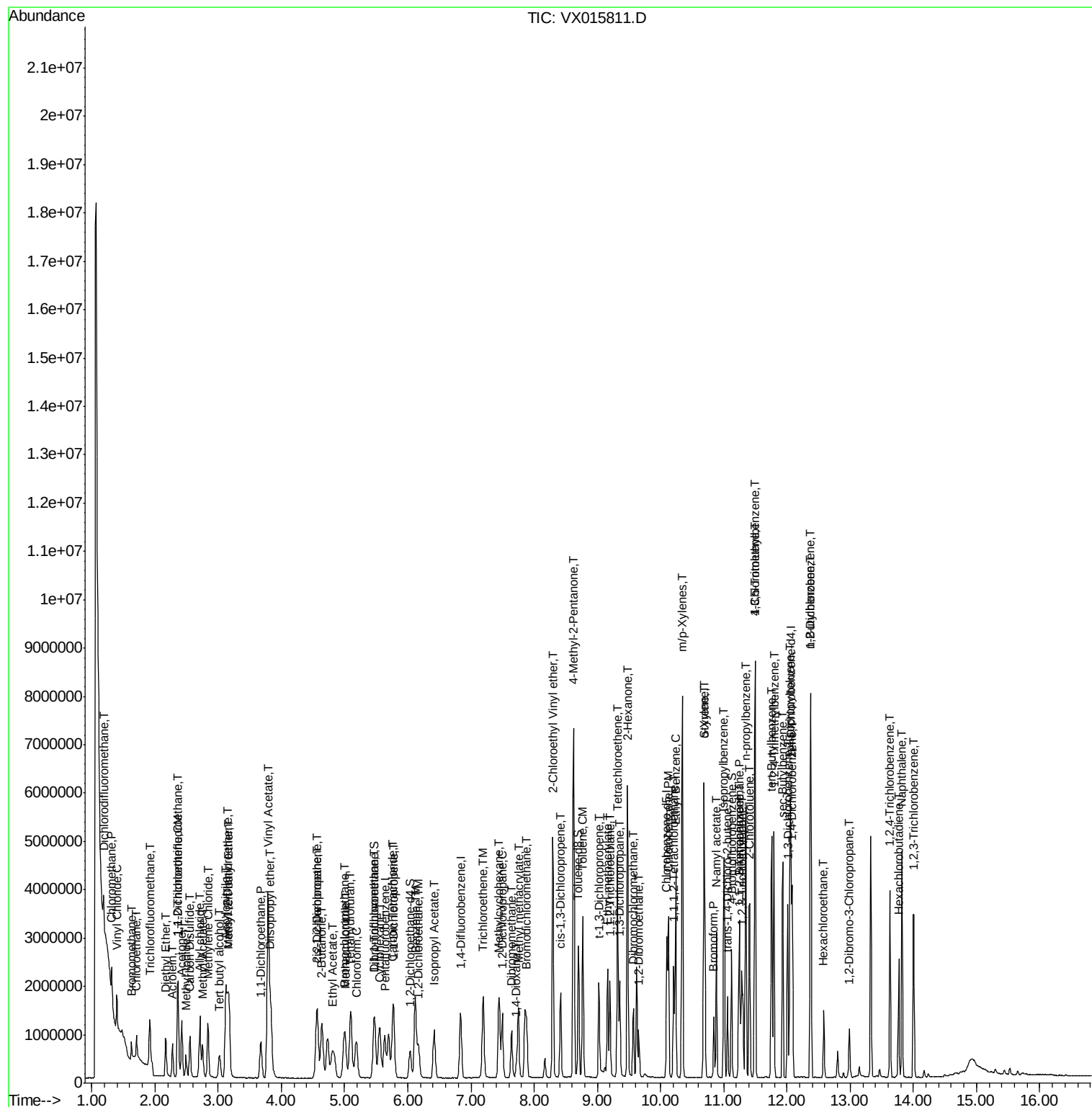
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	933723	57.632	ug/l	97
94) Hexachlorobutadiene	13.77	225	397002	51.467	ug/l	95
95) Naphthalene	13.82	128	2826067	57.184	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	904541	57.988	ug/l	99

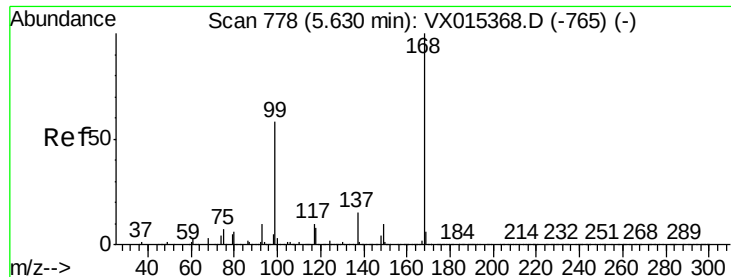
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

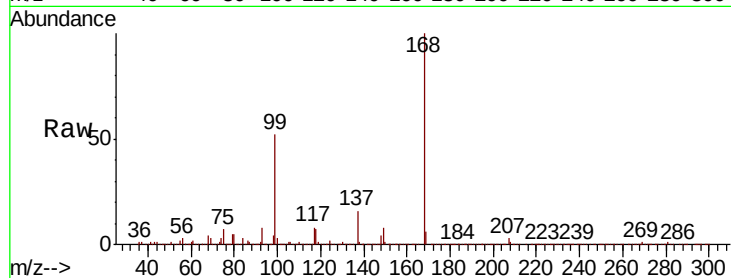
VSTDCCC050

Tot Ion:168 Resp: 892915

Ion Ratio Lower Upper

168 100

99 51.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

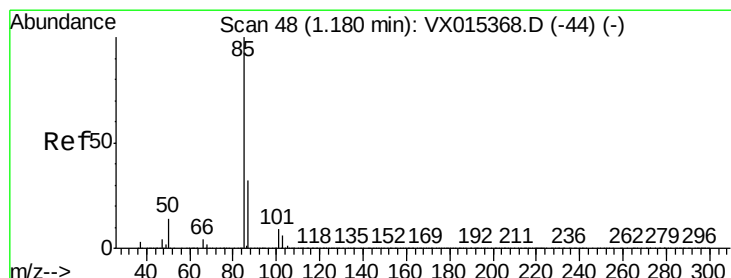
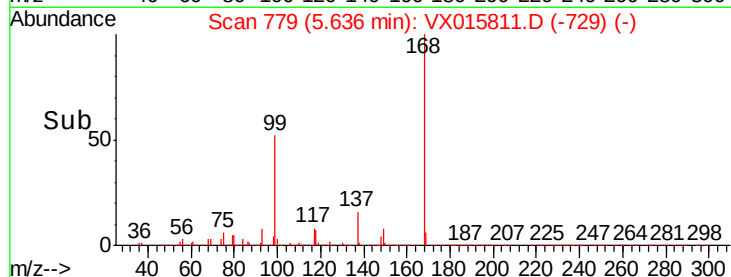
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.412 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015811.D

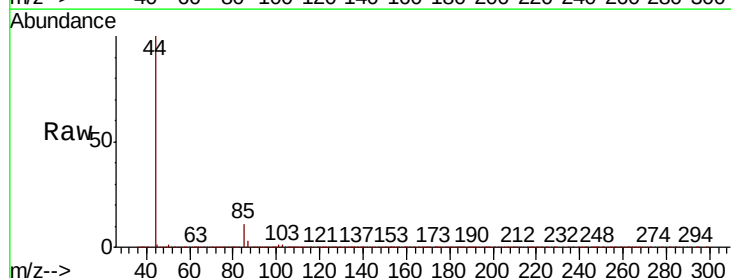
Acq: 21 Apr 2020 21:56

Tgt Ion: 85 Resp: 302176

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

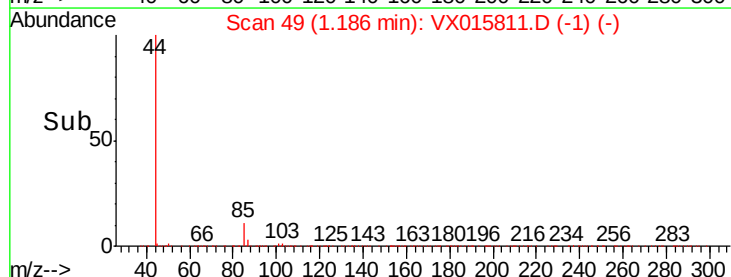
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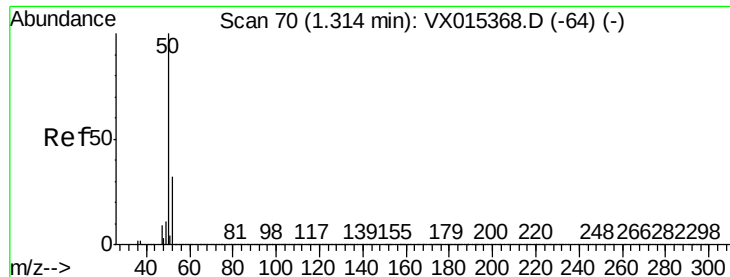
200000

100000

0

Time-->





#3

Chloromethane

Concen: 36.132 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

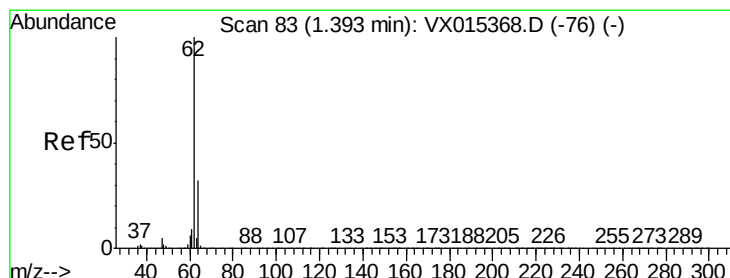
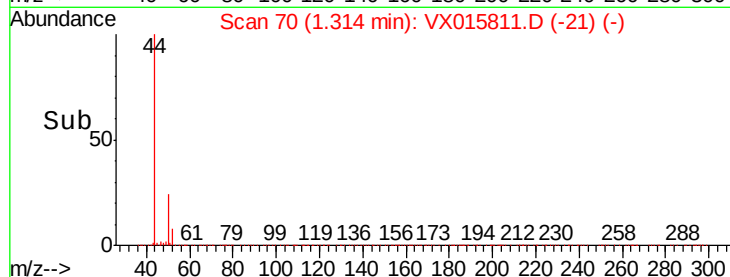
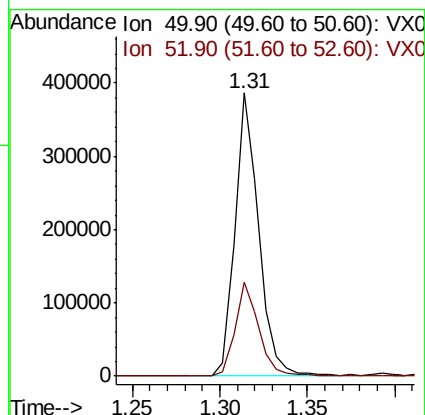
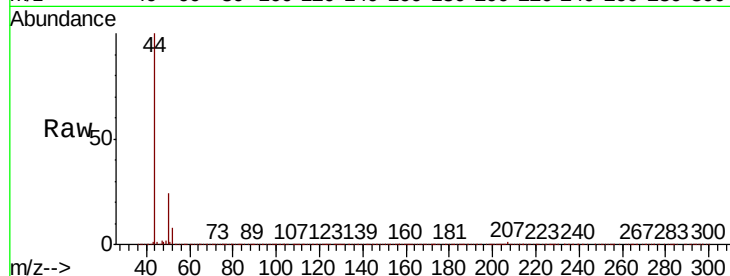
VSTDCCC050

Tot Ion: 50 Resp: 361982

Ion Ratio Lower Upper

50 100

52 33.0 25.3 37.9



#4

Vinyl Chloride

Concen: 46.644 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015811.D

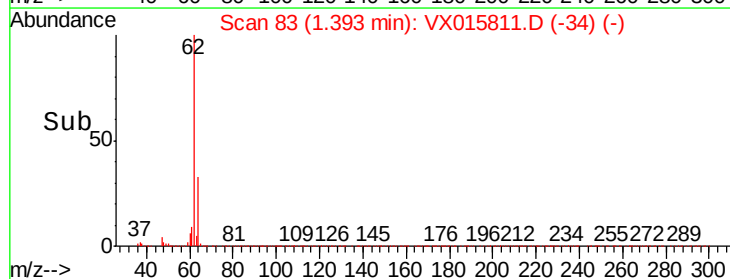
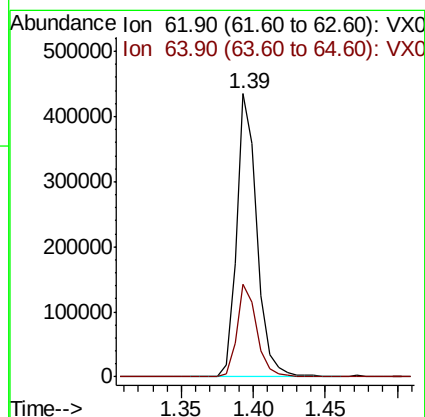
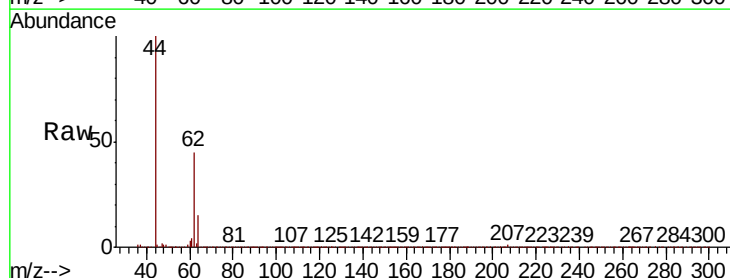
Acq: 21 Apr 2020 21:56

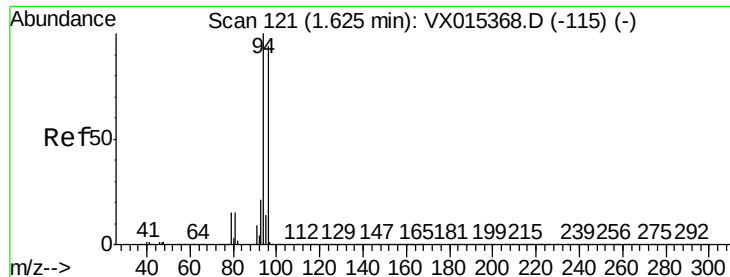
Tgt Ion: 62 Resp: 429075

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0





#5

Bromomethane

Concen: 27.149 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

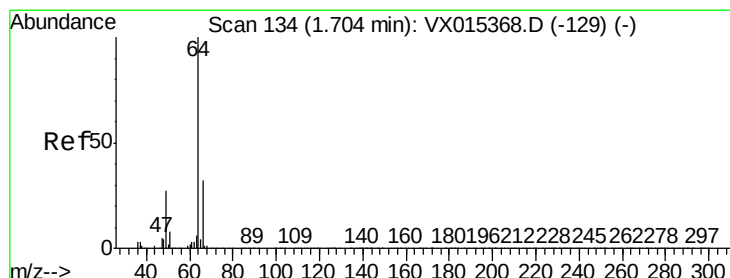
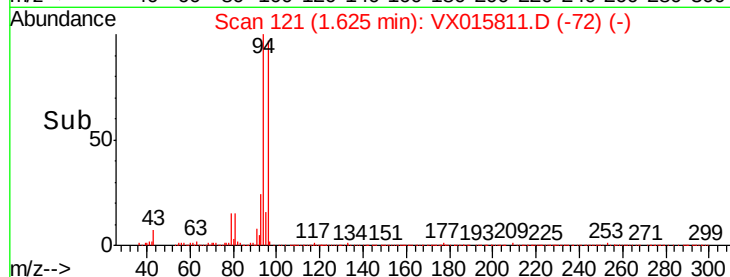
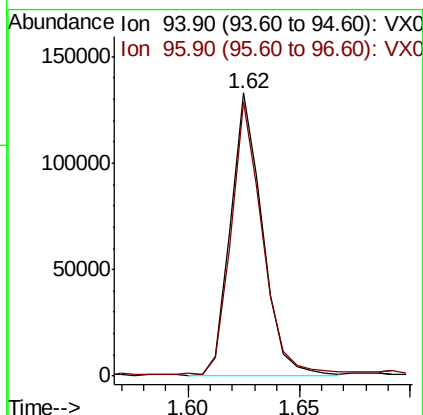
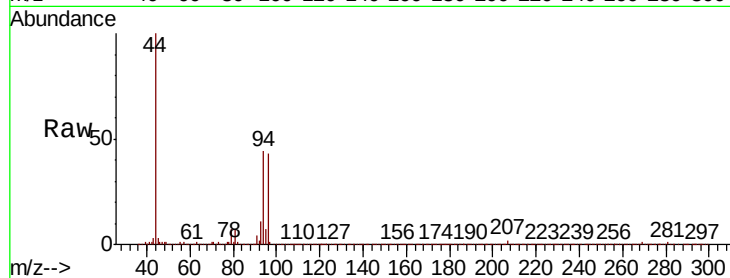
VSTDCCC050

Tot Ion: 94 Resp: 130796

Ion Ratio Lower Upper

94 100

96 96.5 74.8 112.2



#6

Chloroethane

Concen: 46.893 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015811.D

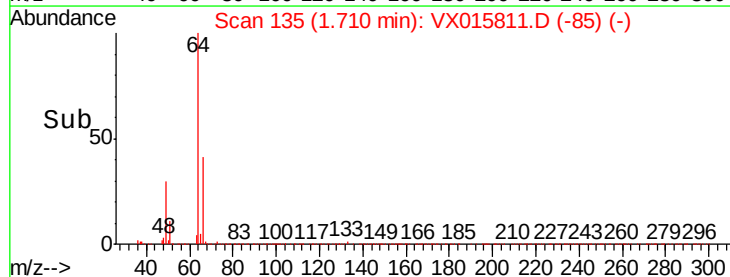
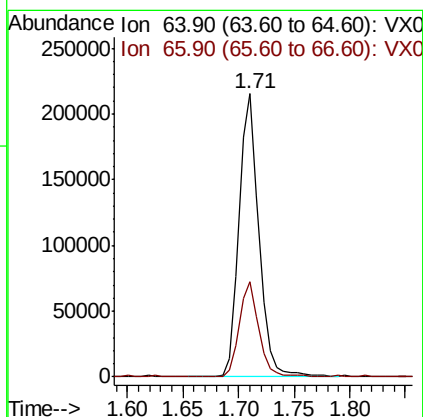
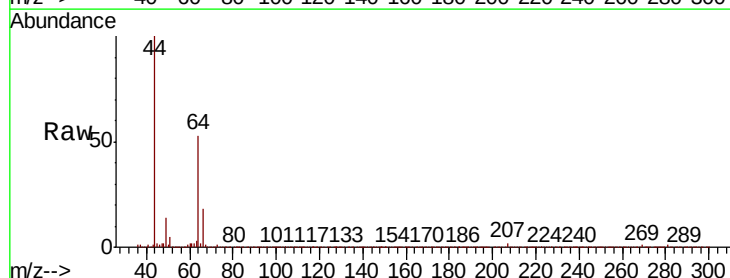
Acq: 21 Apr 2020 21:56

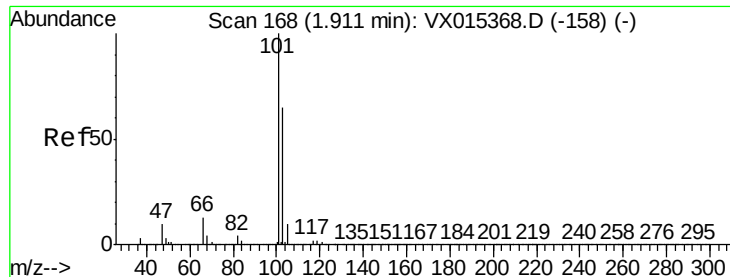
Tgt Ion: 64 Resp: 267535

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.2



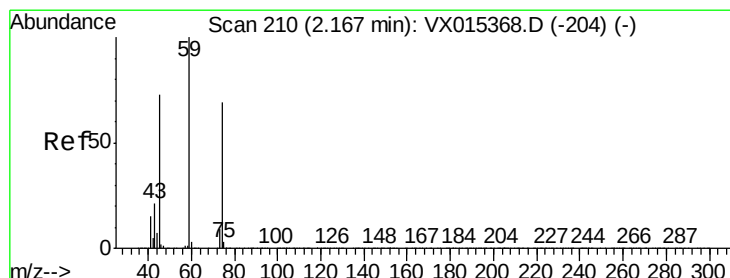
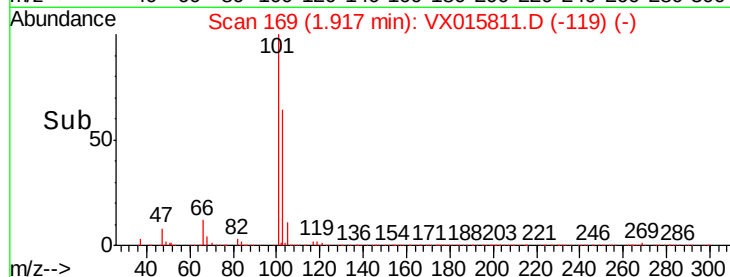
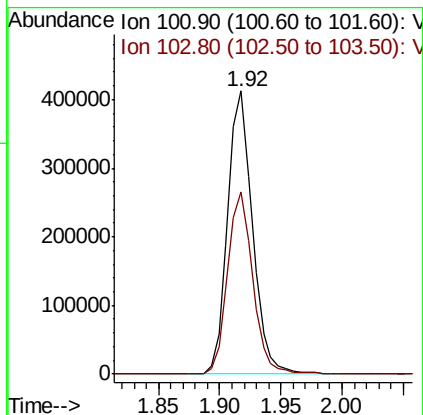
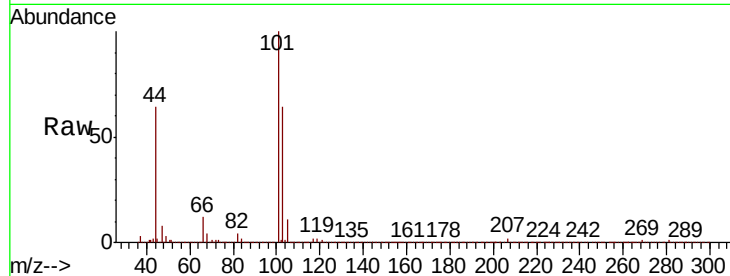


#7

Trichlorofluoromethane
Concen: 46.913 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015811.D
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VSTDCCC050

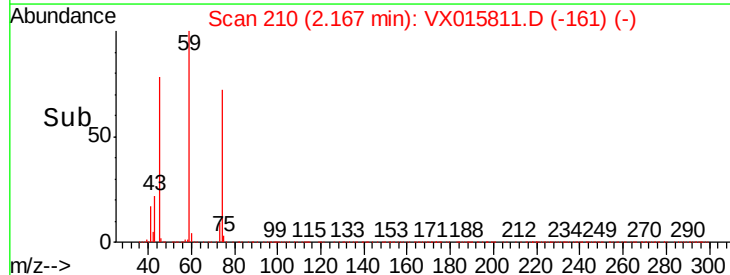
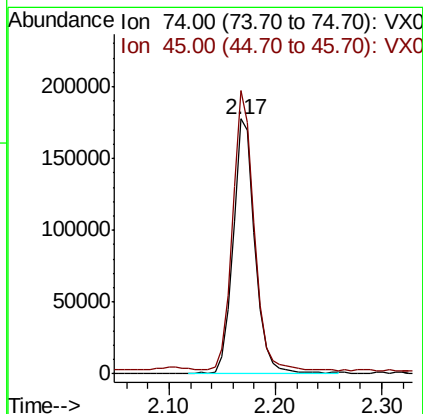
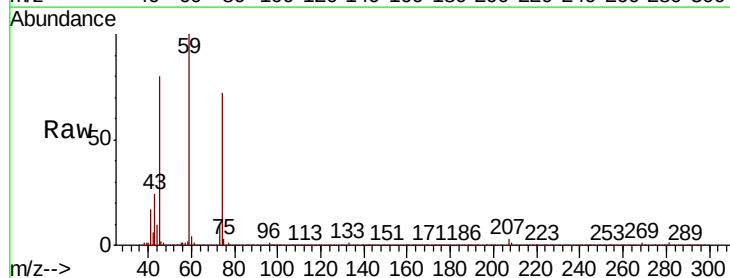
Tot Ion:101 Resp: 578741
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

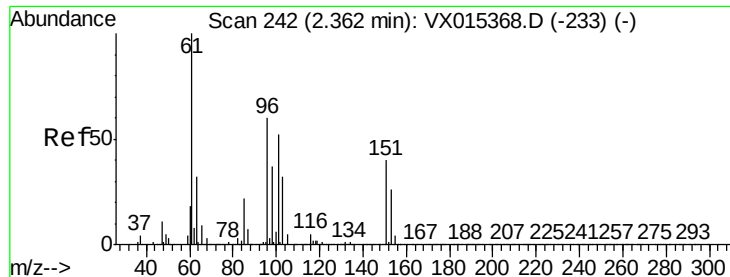


#8

Diethyl Ether
Concen: 48.379 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion: 74 Resp: 251737
Ion Ratio Lower Upper
74 100
45 109.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.500 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

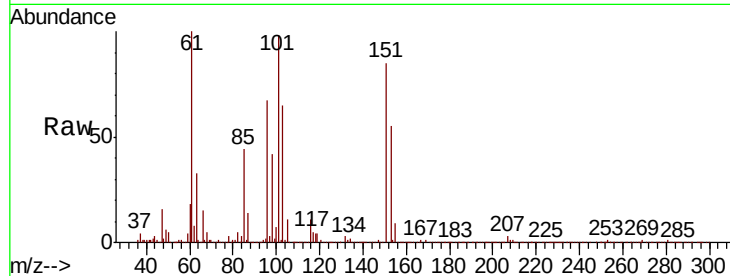
Tot Ion:101 Resp: 406136

Ion Ratio Lower Upper

101 100

85 42.5 35.0 52.4

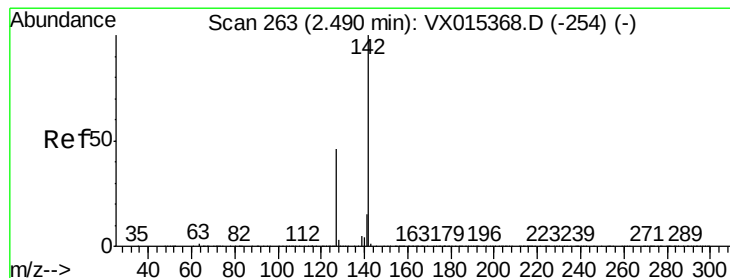
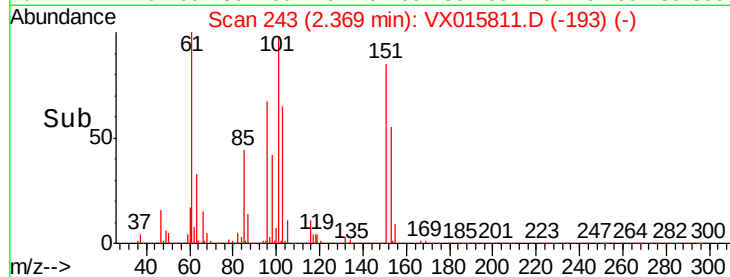
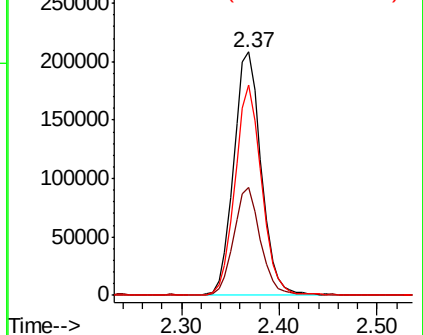
151 83.9 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.630 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

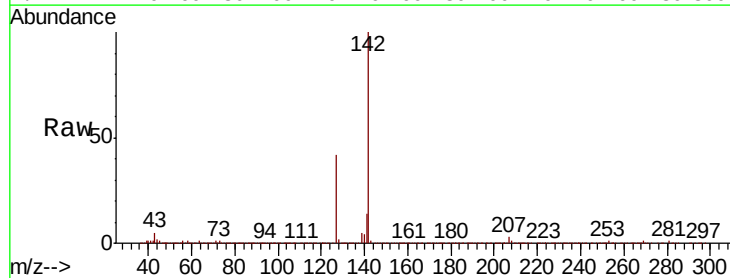
Tgt Ion:142 Resp: 440552

Ion Ratio Lower Upper

142 100

127 41.7 35.9 53.9

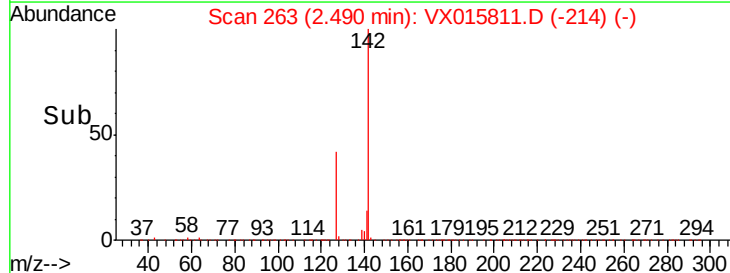
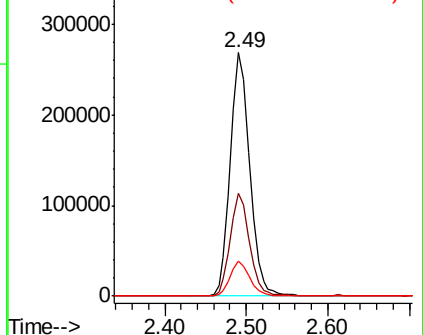
141 14.6 11.6 17.4

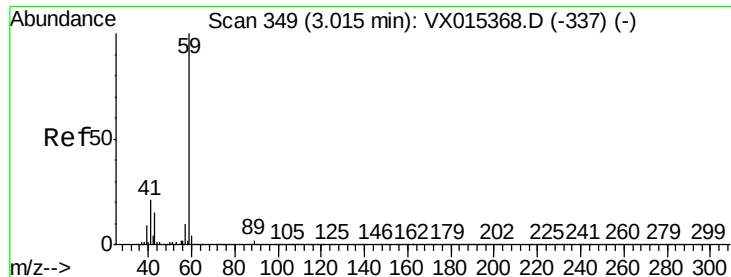


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



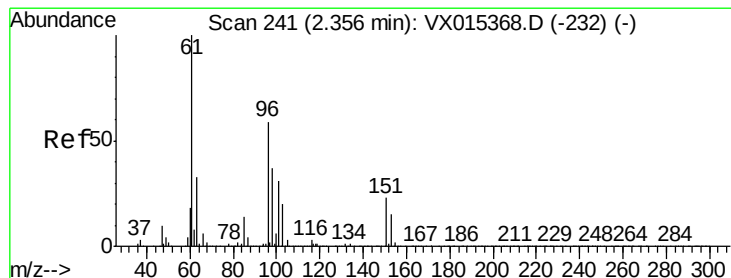
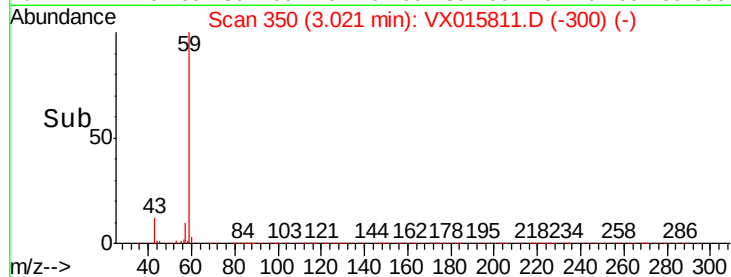
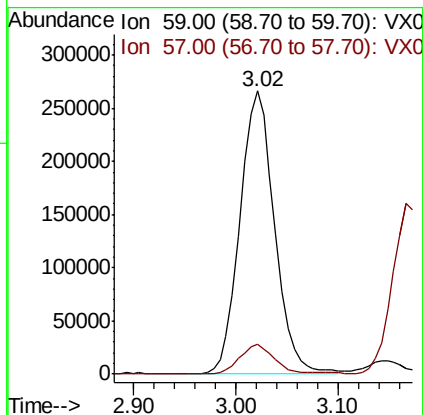
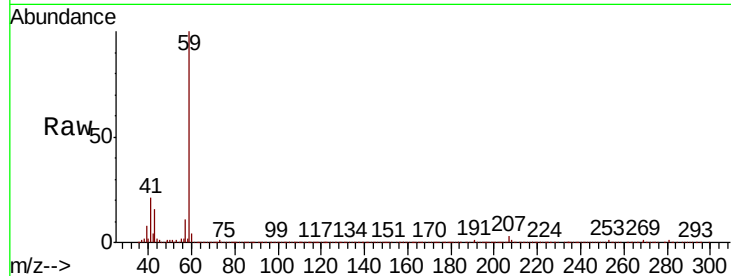


#11

Tert butyl alcohol
Concen: 206.719 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

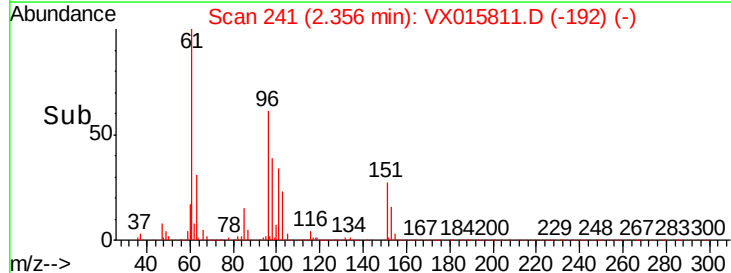
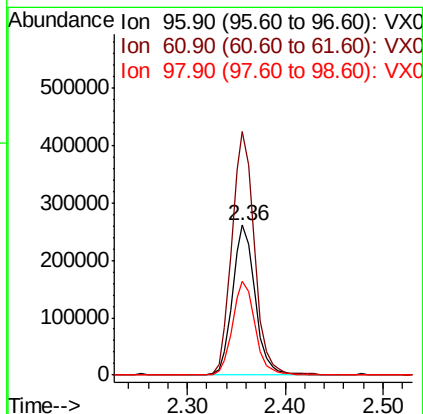
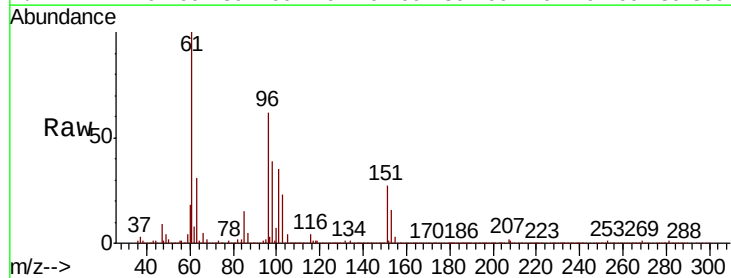
Tot Ion: 59 Resp: 623122
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

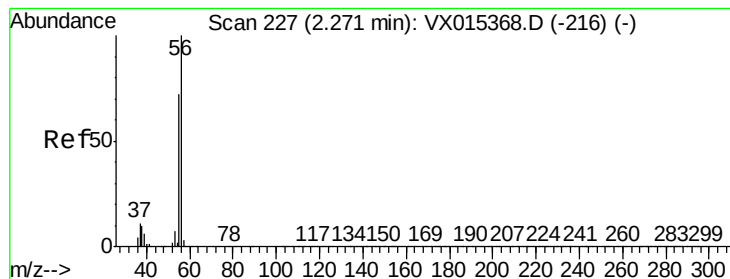


#12

1,1-Dichloroethene
Concen: 49.209 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion: 96 Resp: 414832
Ion Ratio Lower Upper
96 100
61 162.6 135.7 203.5
98 62.7 50.6 75.8





#13

Acrolein

Concen: 302.958 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

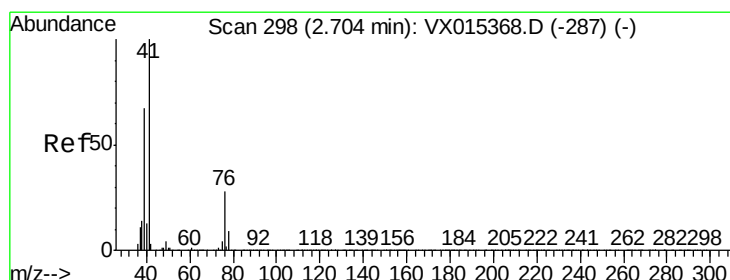
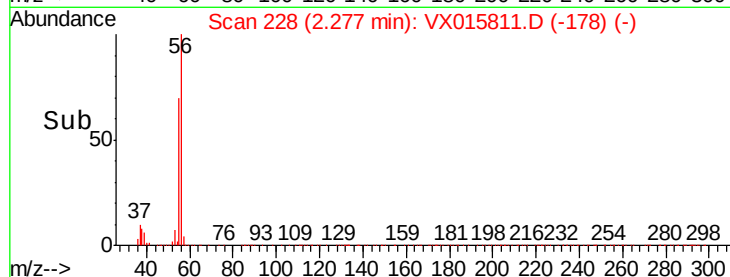
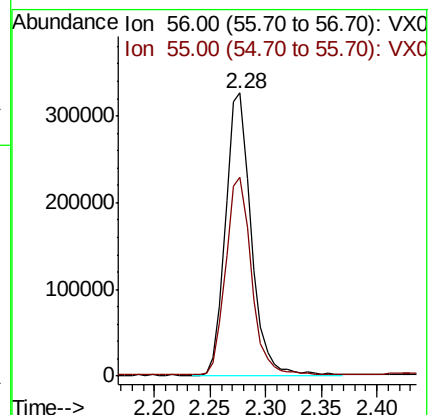
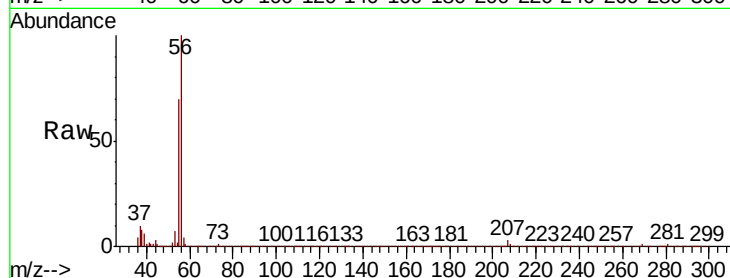
VSTDCCC050

Tot Ion: 56 Resp: 520211

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 45.809 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

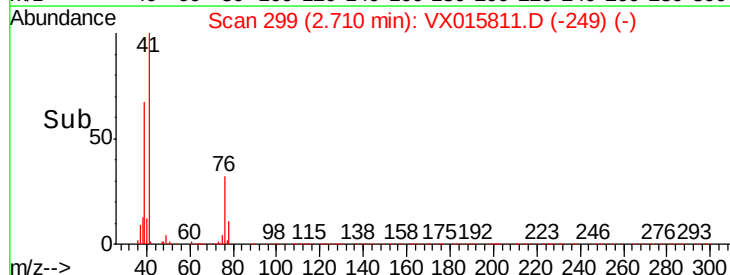
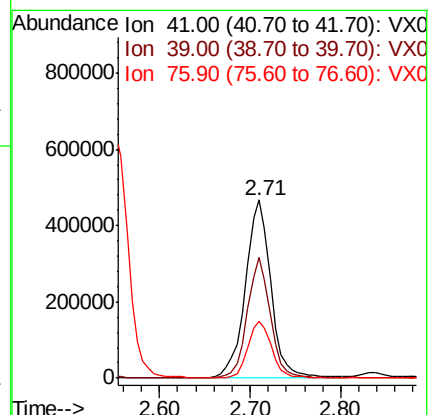
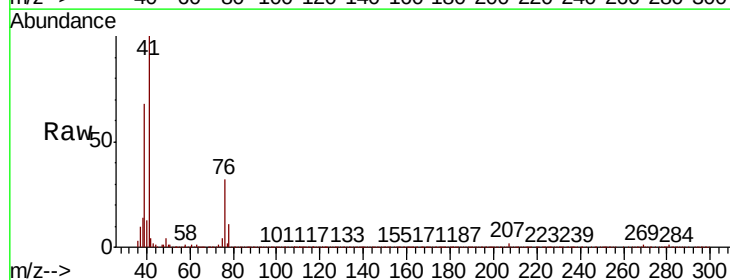
Tgt Ion: 41 Resp: 902318

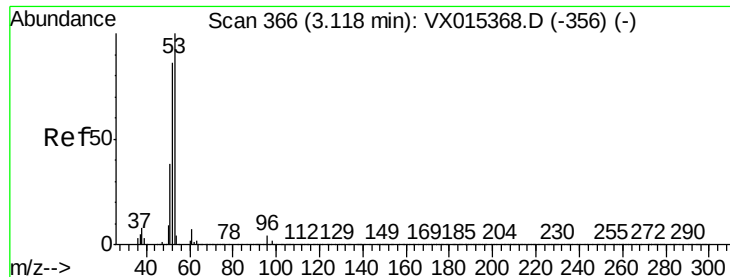
Ion Ratio Lower Upper

41 100

39 60.8 51.4 77.0

76 29.4 21.8 32.8





#15

Acrylonitrile

Concen: 258.782 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

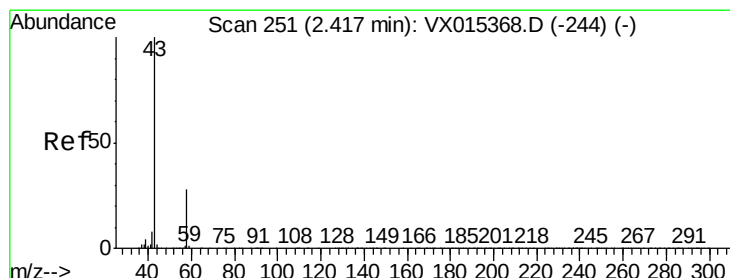
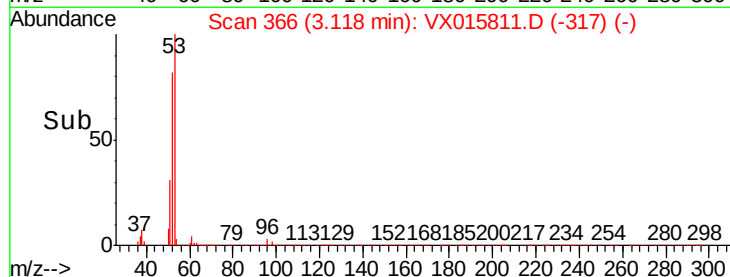
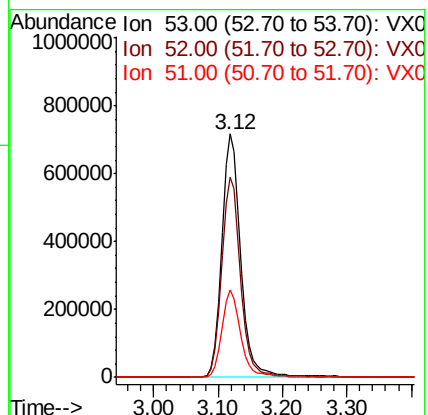
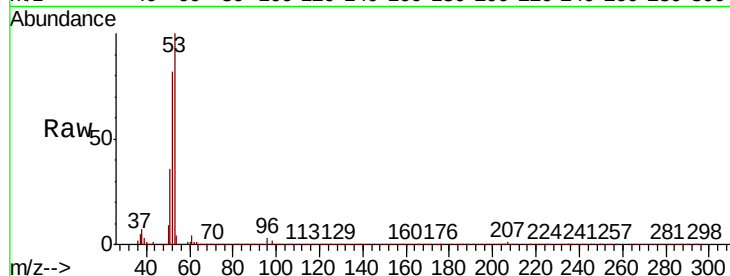
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1487630

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.8	100.2
51	35.7	29.5	44.3



#16

Acetone

Concen: 237.866 ug/l

RT: 2.42 min Scan# 252

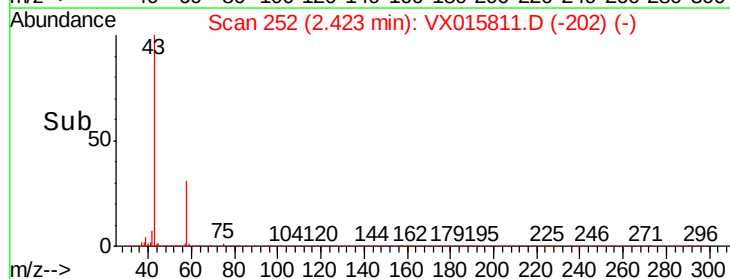
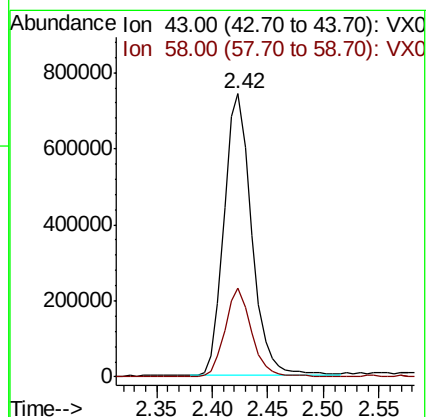
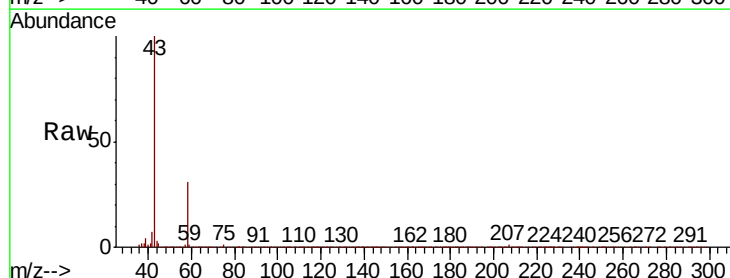
Delta R.T. 0.01 min

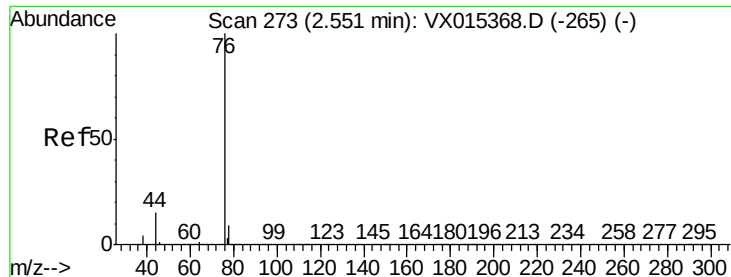
Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Tgt Ion: 43 Resp: 1286974

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.1	33.1





#17

Carbon Disulfide

Concen: 41.025 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

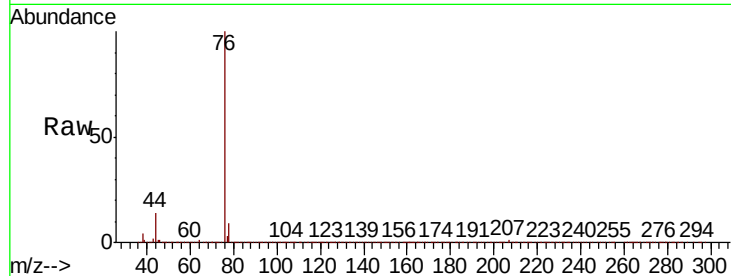
VSTDCCC050

Tot Ion: 76 Resp: 1055021

Ion Ratio Lower Upper

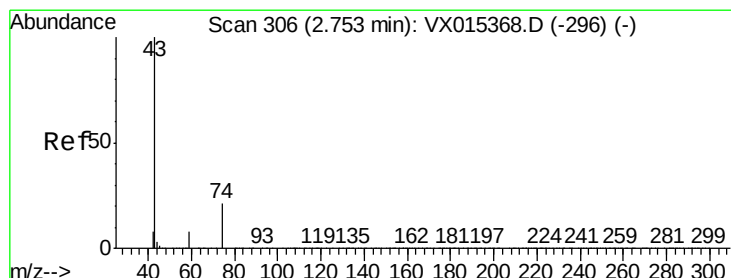
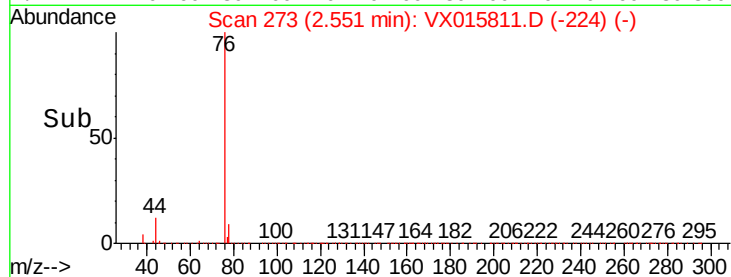
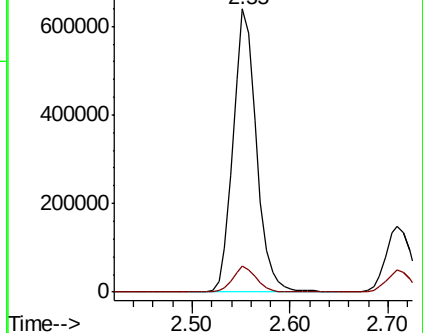
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.099 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015811.D

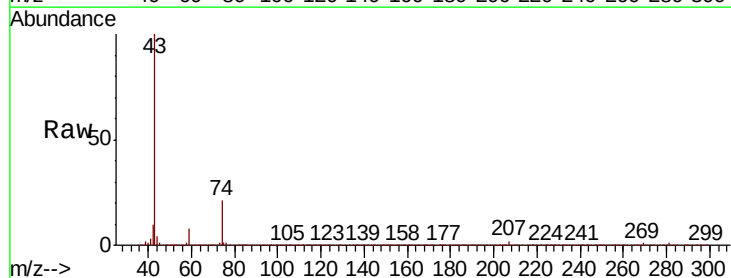
Acq: 21 Apr 2020 21:56

Tgt Ion: 43 Resp: 802300

Ion Ratio Lower Upper

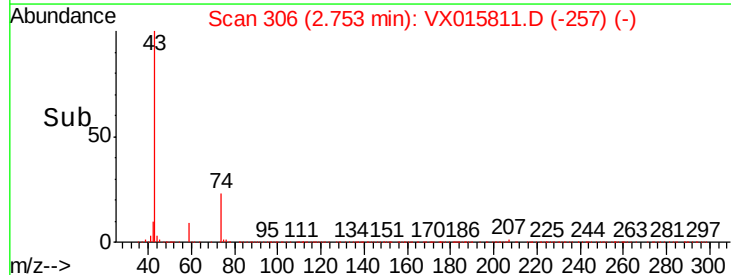
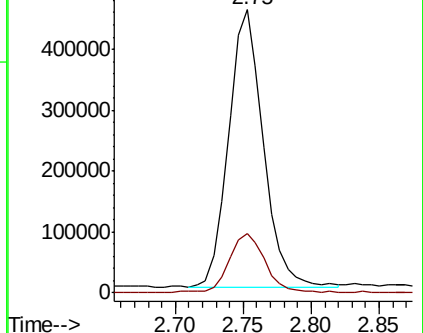
43 100

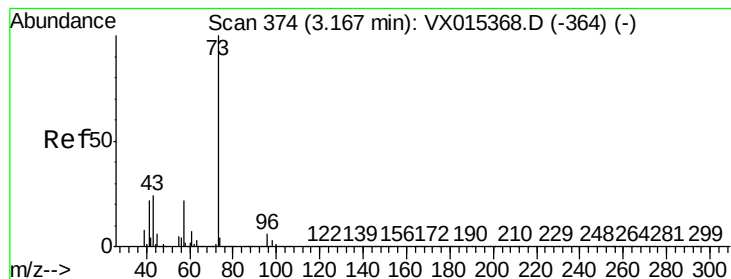
74 22.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 50.718 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

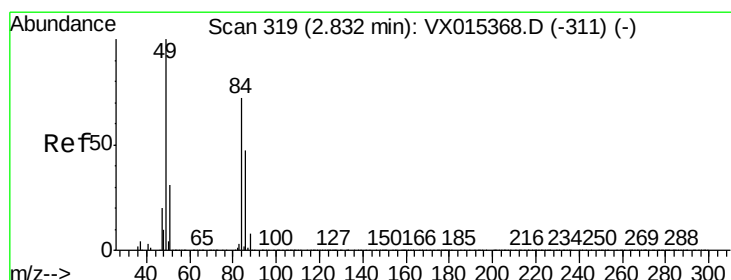
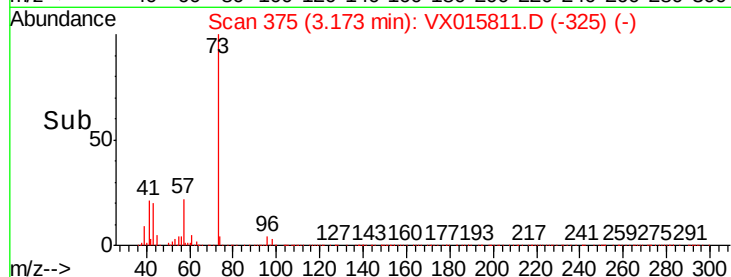
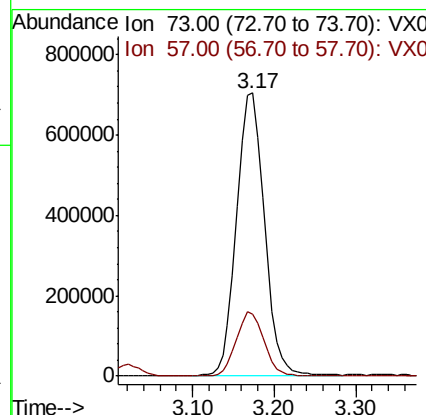
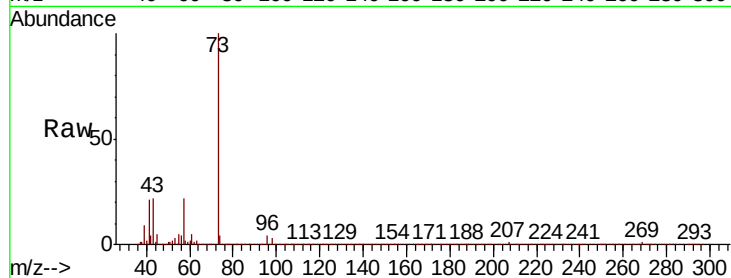
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1658222

Ion Ratio Lower Upper

73 100

57 21.9 17.9 26.9



#20

Methylene Chloride
 Concen: 48.970 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 84 Resp: 494889

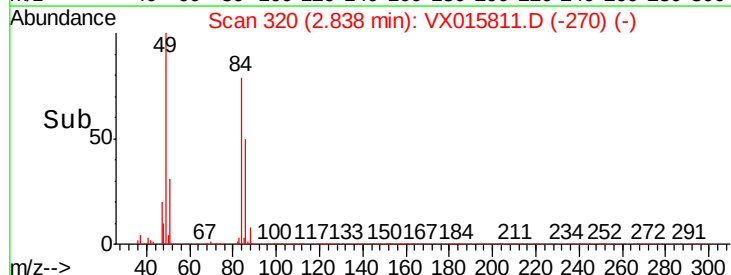
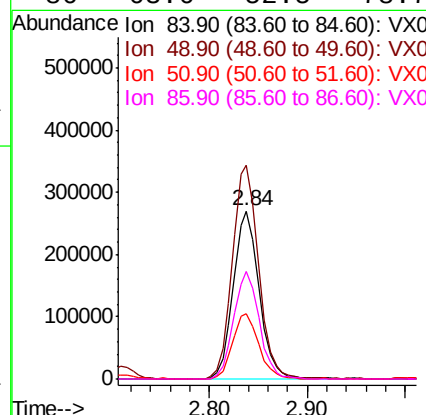
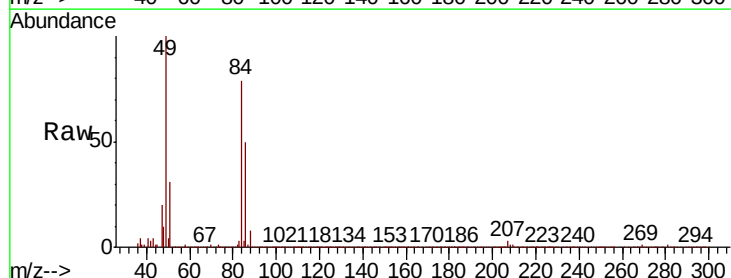
Ion Ratio Lower Upper

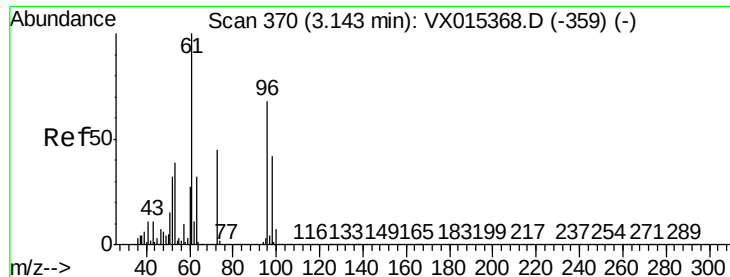
84 100

49 126.7 111.3 166.9

51 38.7 34.0 51.0

86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.352 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

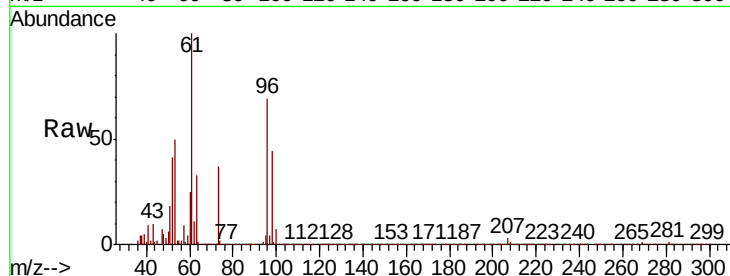
Tot Ion: 96 Resp: 452369

Ion Ratio Lower Upper

96 100

61 144.9 116.9 175.3

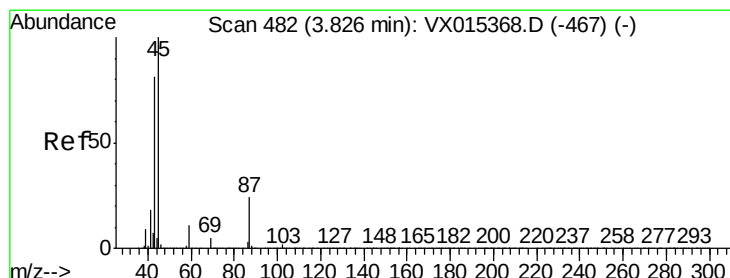
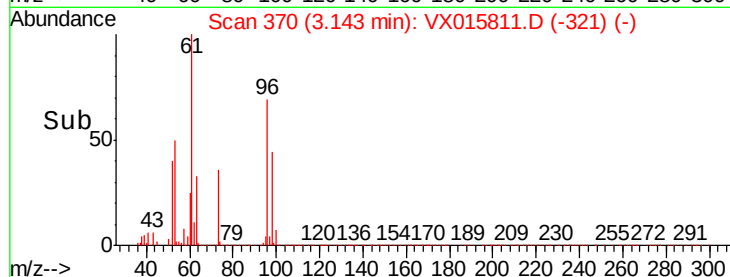
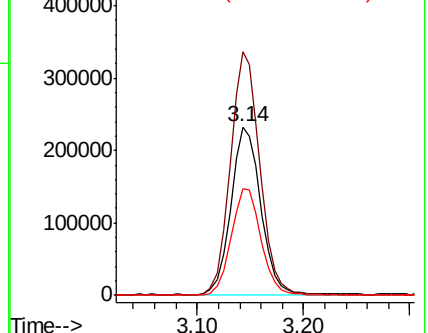
98 63.6 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.603 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Tgt Ion: 45 Resp: 1766251

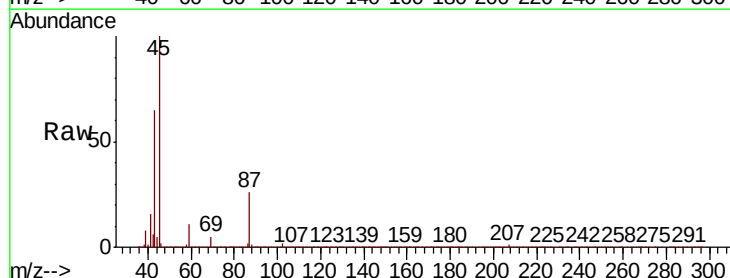
Ion Ratio Lower Upper

45 100

43 64.8 64.7 97.1

87 26.3 19.4 29.0

59 10.5 8.7 13.1

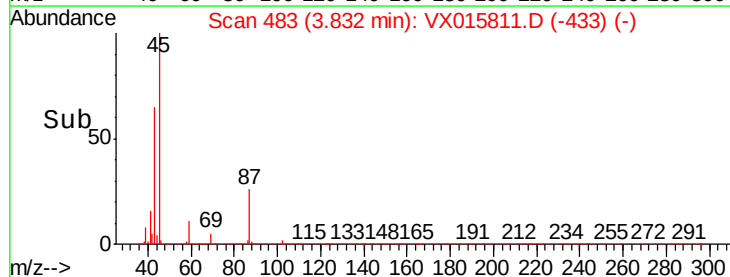
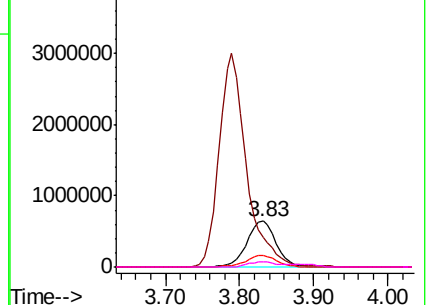


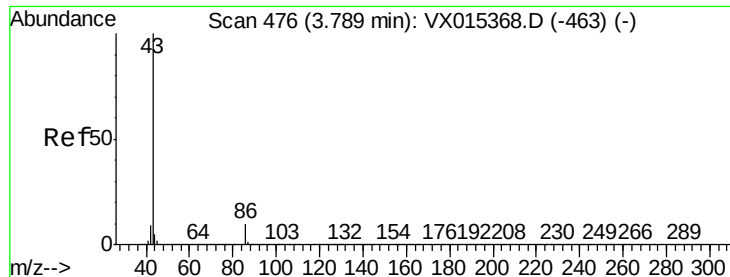
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.686 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

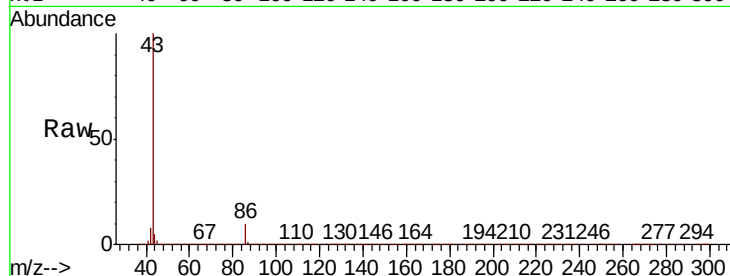
VSTDCCC050

Tot Ion: 43 Resp: 7669407

Ion Ratio Lower Upper

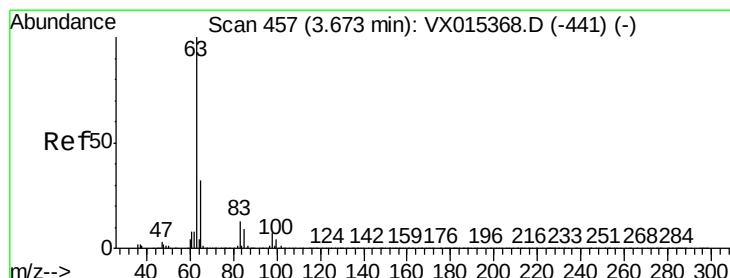
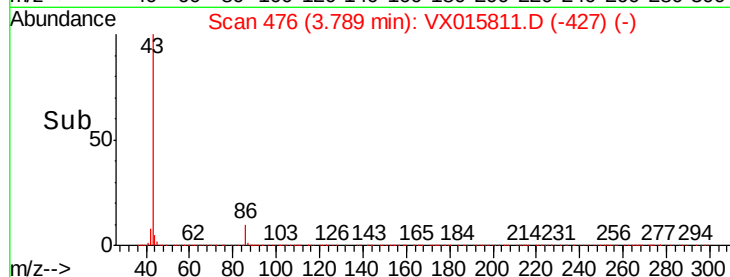
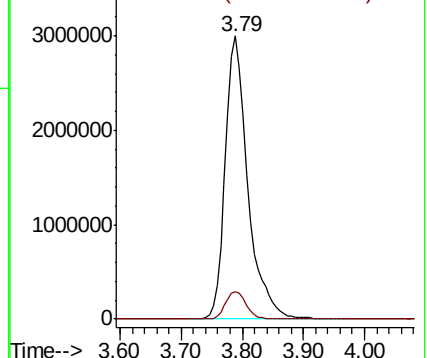
43 100

86 9.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.762 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

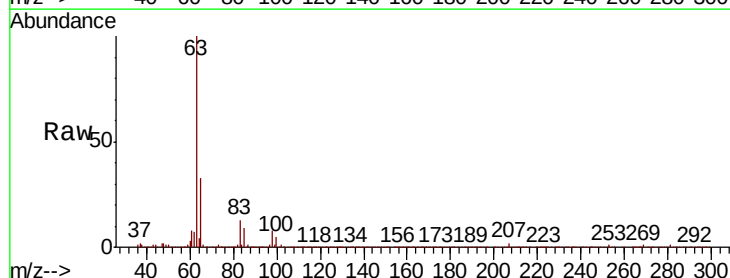
Tgt Ion: 63 Resp: 896116

Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

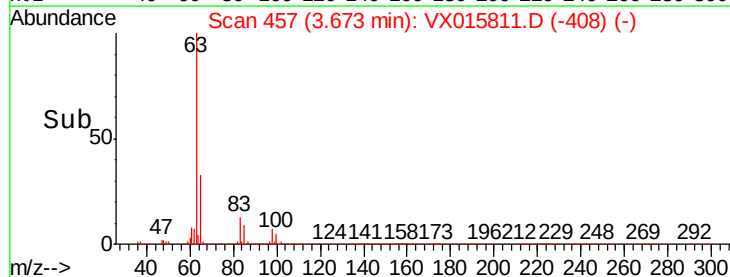
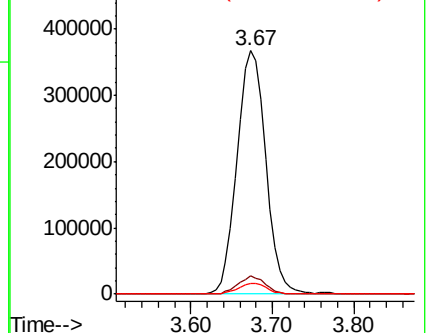
100 4.5 2.1 6.5

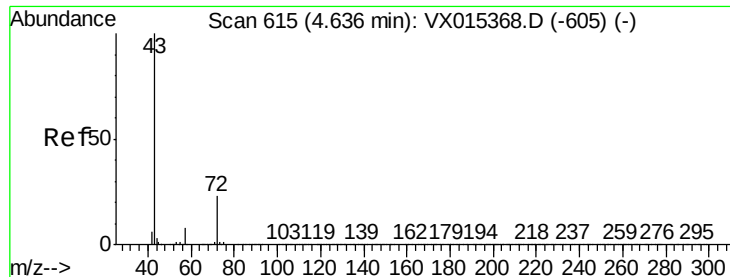


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.768 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

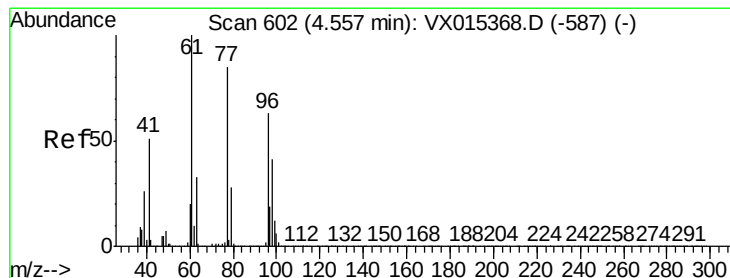
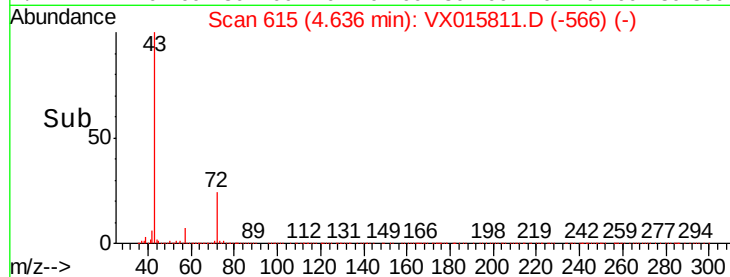
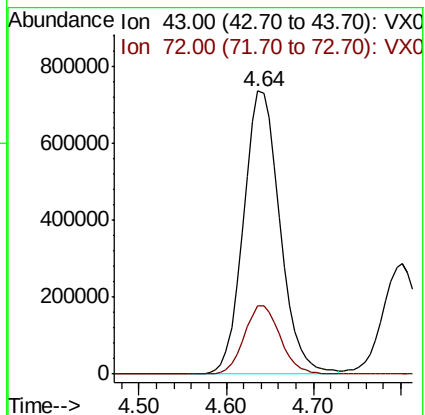
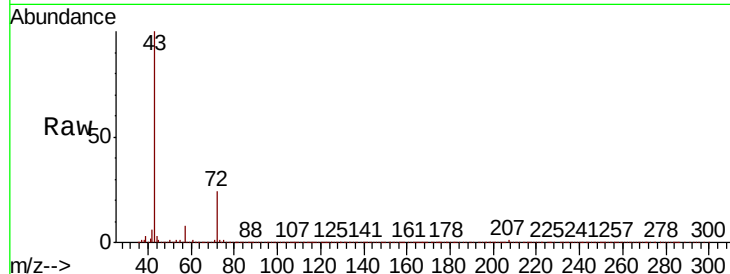
VSTDCCC050

Tot Ion: 43 Resp: 2112381

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4



#26

2,2-Dichloropropane

Concen: 46.475 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015811.D

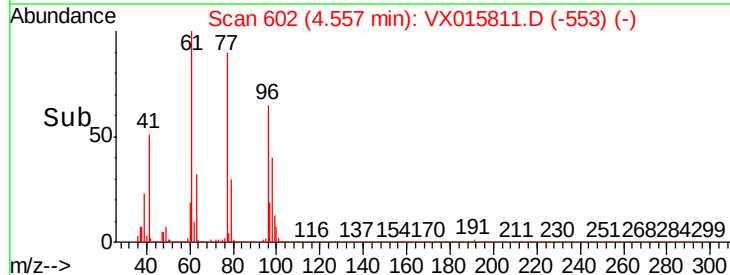
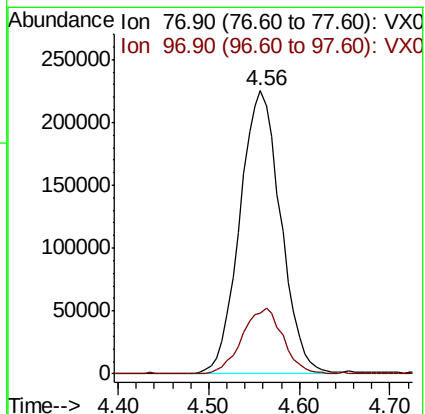
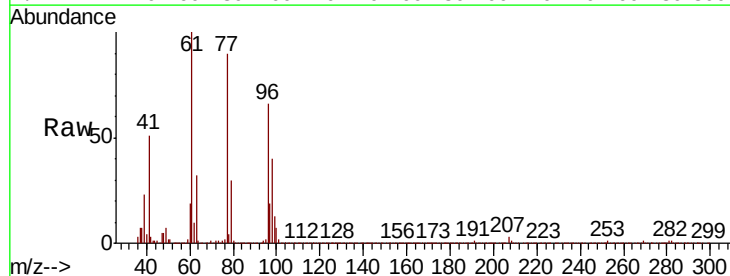
Acq: 21 Apr 2020 21:56

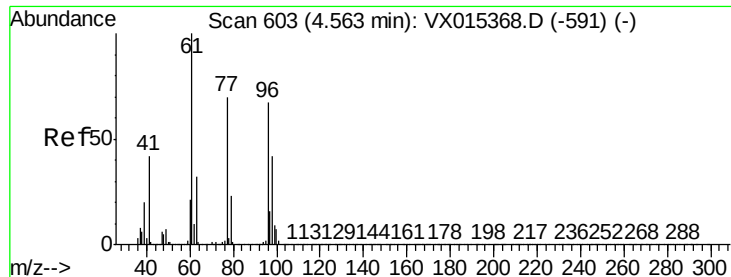
Tgt Ion: 77 Resp: 701045

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8



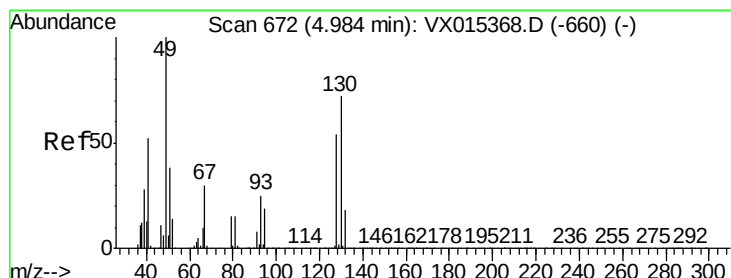
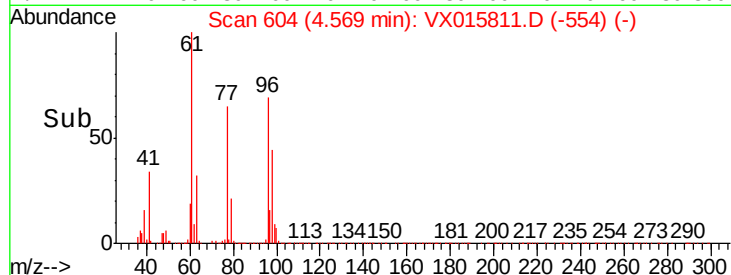
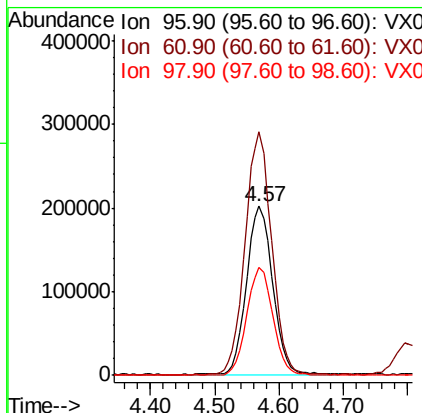
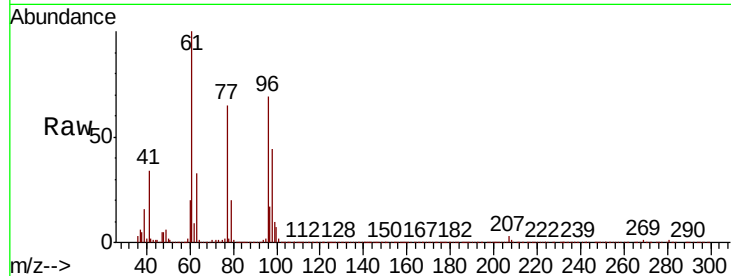


#27

cis-1,2-Dichloroethene
 Concen: 51.533 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

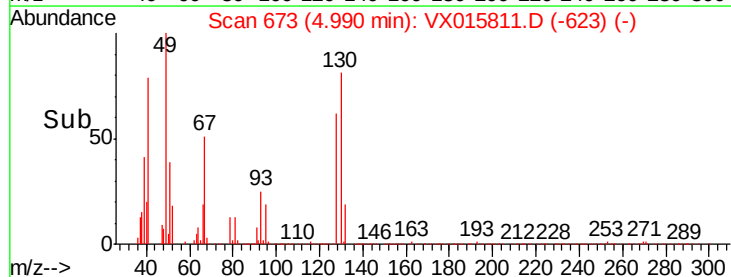
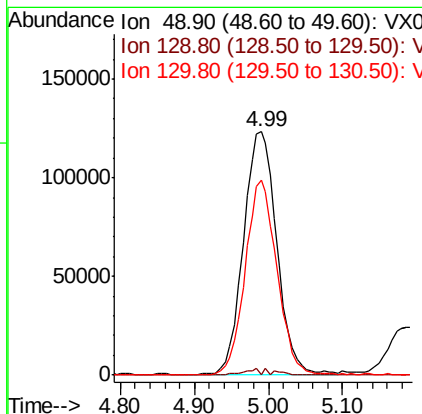
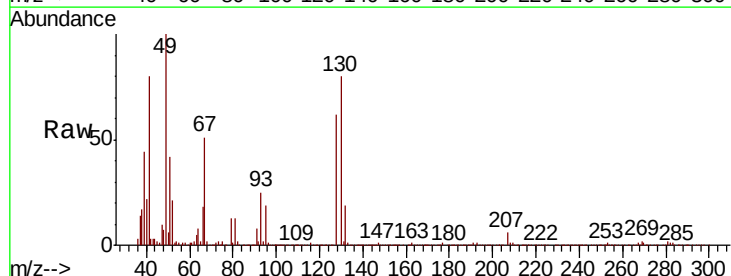
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	308.4
98	63.3	0.0	129.2

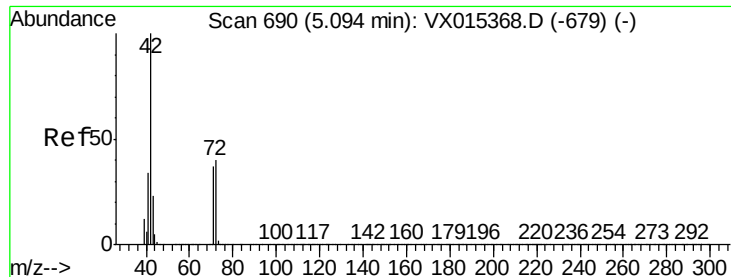


#28

Bromochloromethane
 Concen: 44.118 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. 0.01 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	75.9	57.7	86.5





#29

Tetrahydrofuran

Concen: 244.908 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

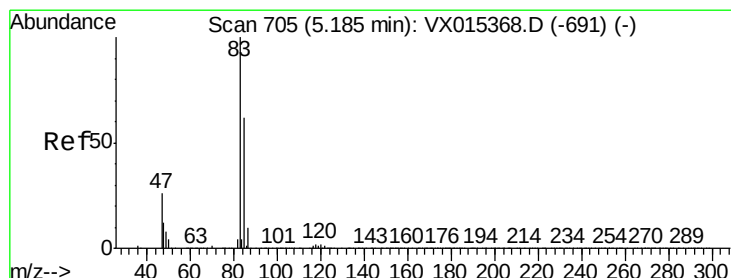
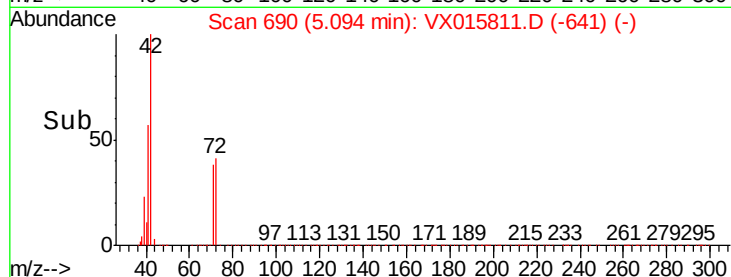
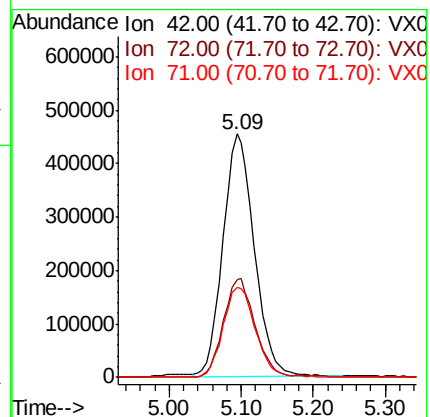
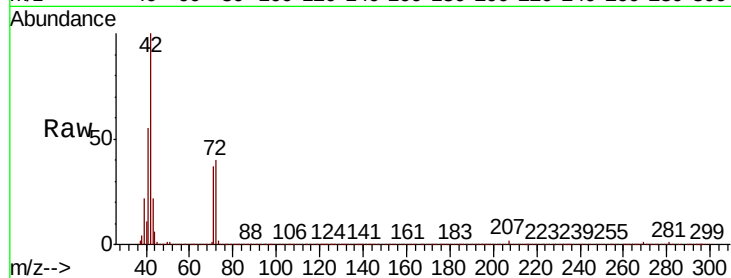
Tot Ion: 42 Resp: 1369963

Ion Ratio Lower Upper

42 100

72 41.4 31.7 47.5

71 38.5 29.6 44.4



#30

Chloroform

Concen: 50.947 ug/l

RT: 5.19 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015811.D

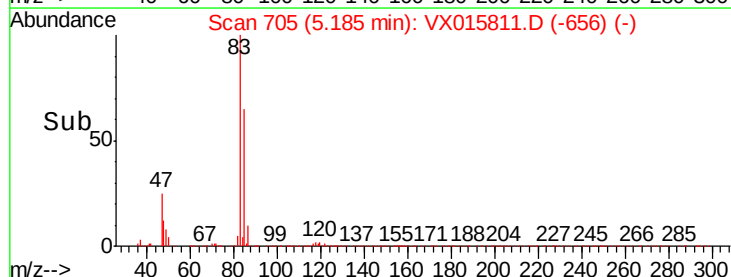
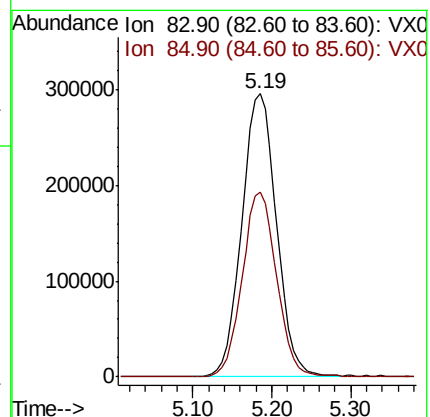
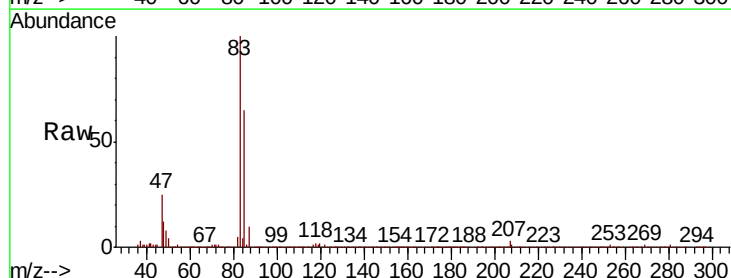
Acq: 21 Apr 2020 21:56

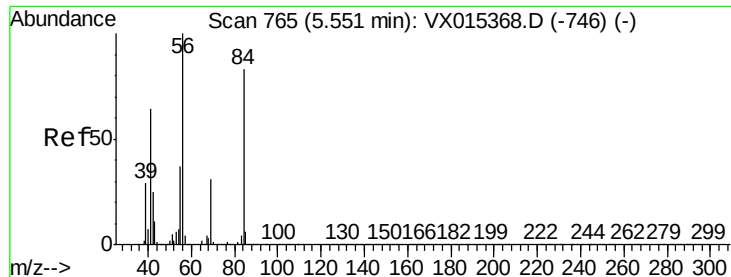
Tgt Ion: 83 Resp: 900780

Ion Ratio Lower Upper

83 100

85 65.4 49.5 74.3

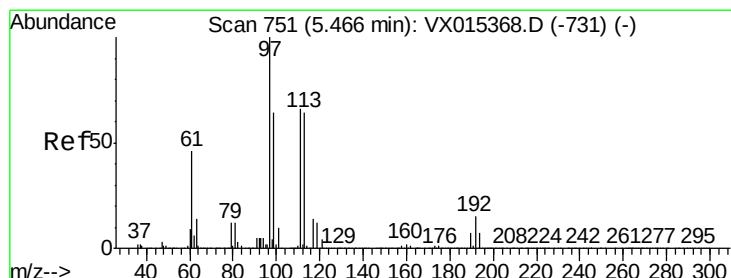
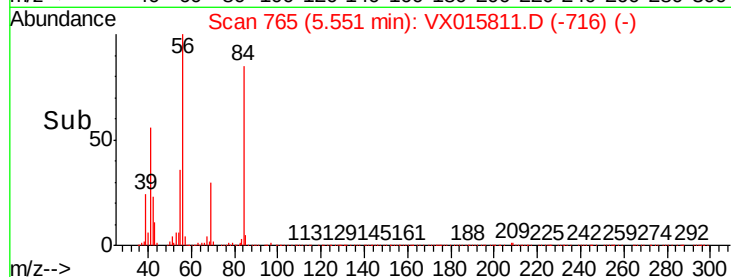
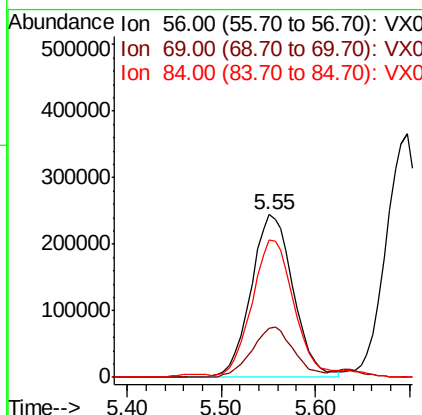
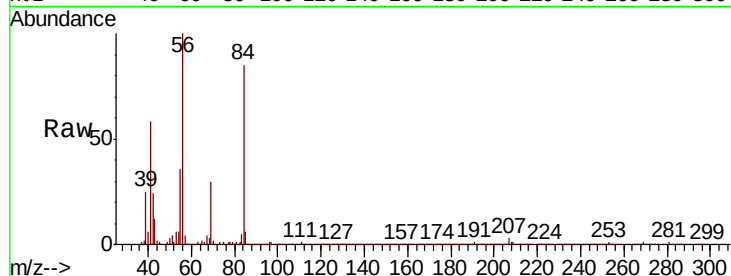




#31
Cyclohexane
Concen: 47.842 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

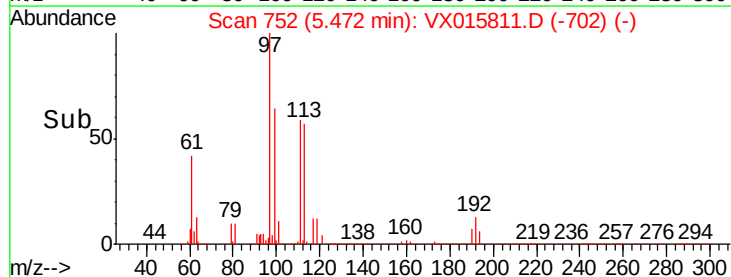
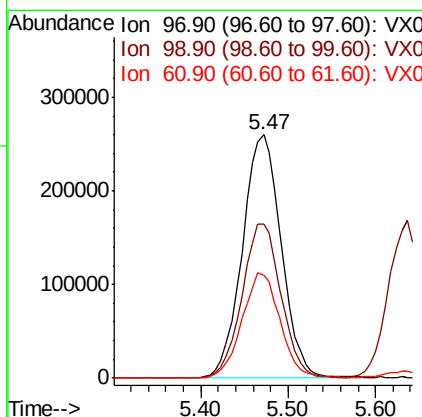
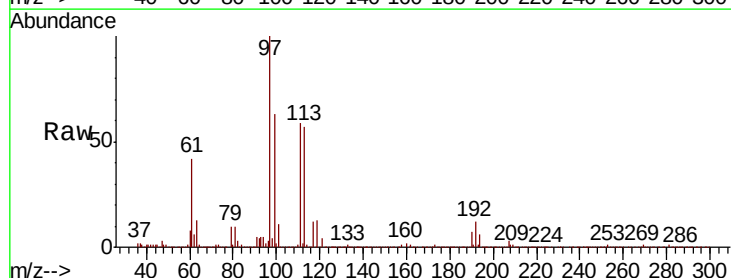
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

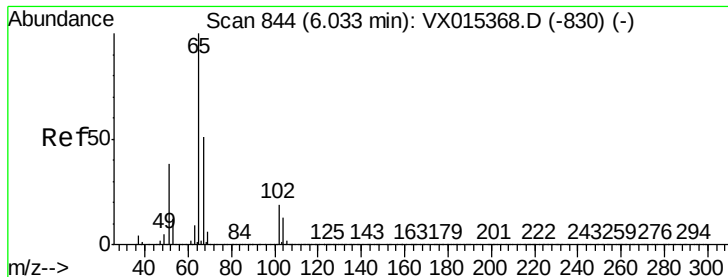
Tot Ion: 56 Resp: 762713
Ion Ratio Lower Upper
56 100
69 29.8 24.6 36.8
84 83.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 50.027 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion: 97 Resp: 800488
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 42.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 43.085 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

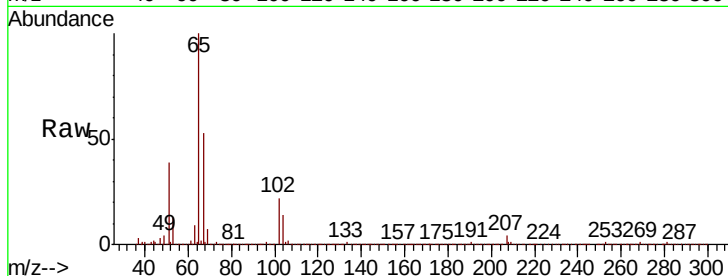
VSTDCCC050

Tot Ion: 65 Resp: 542598

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

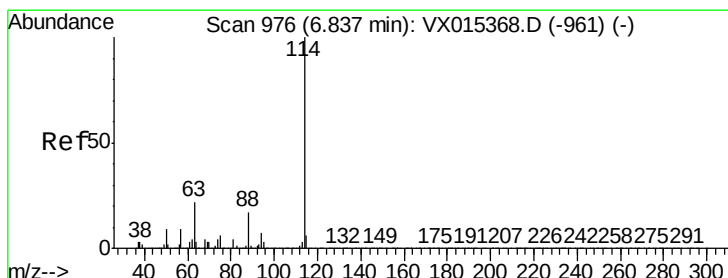
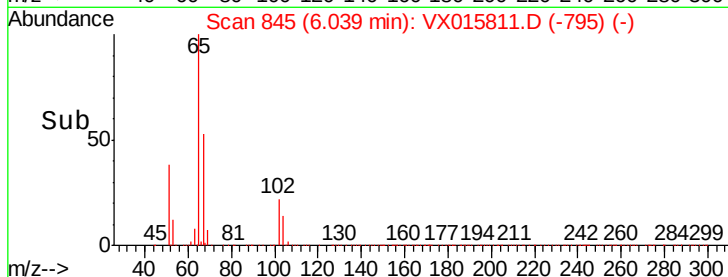
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

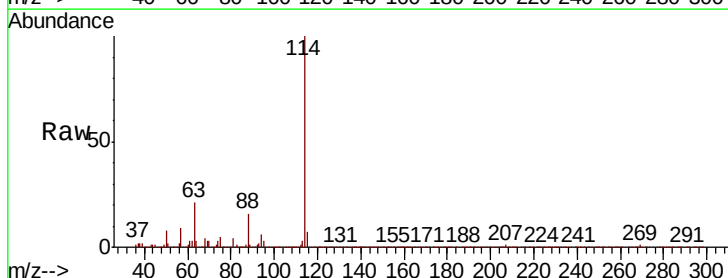
Tgt Ion: 114 Resp: 1381668

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.2

88 16.4 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

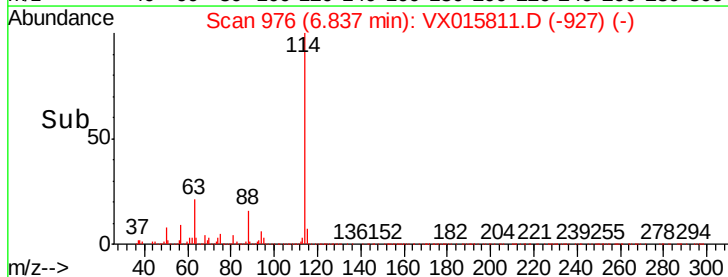
600000

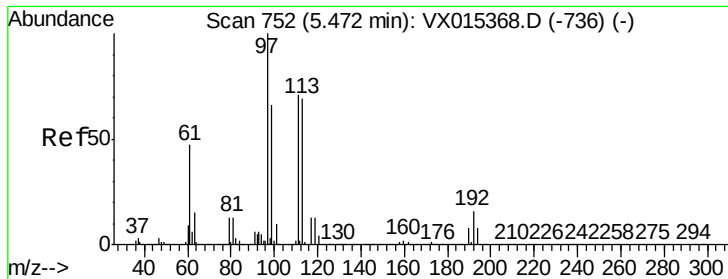
400000

200000

0

Time-->

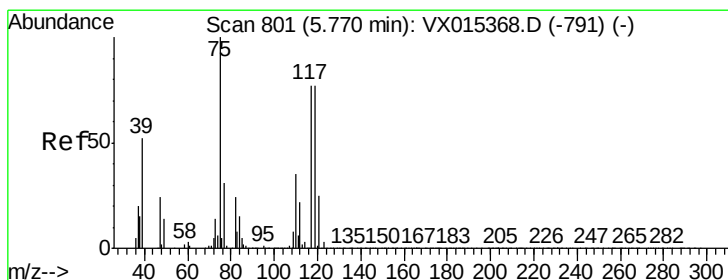
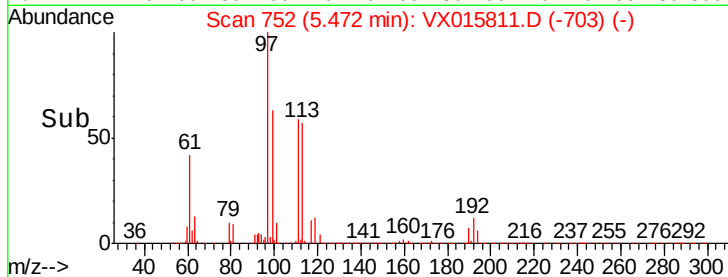
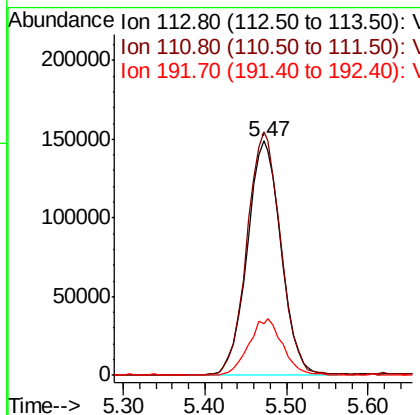
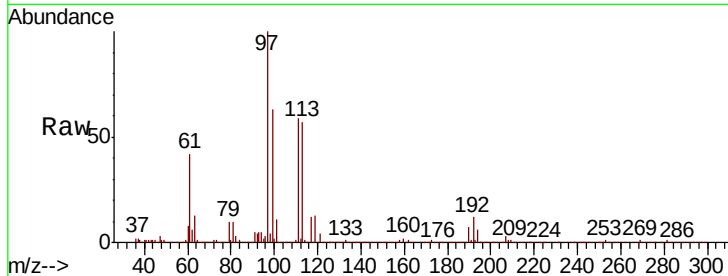




#35
 Dibromofluoromethane
 Concen: 48.579 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

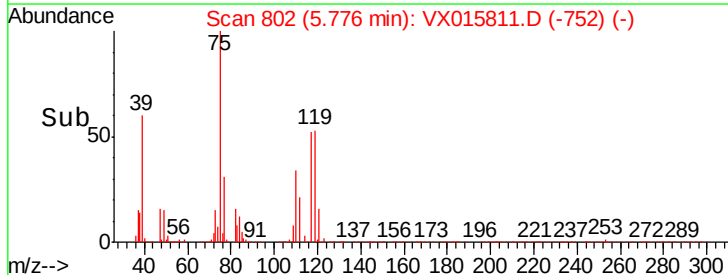
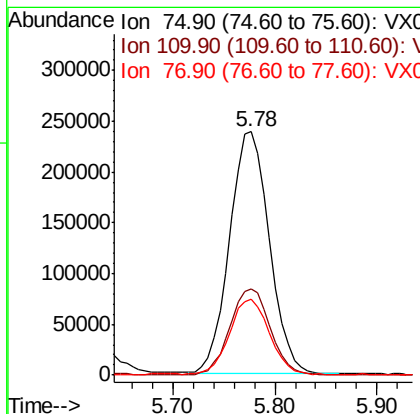
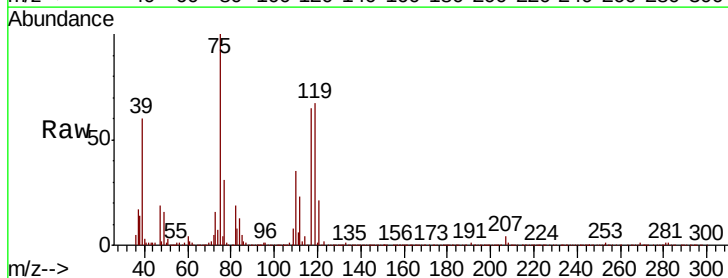
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

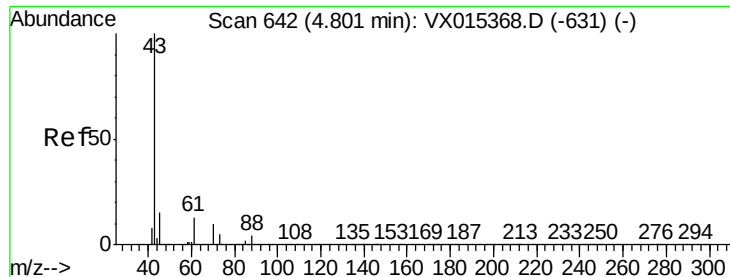
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	24.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.805 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.1	51.3
77	31.2	24.6	36.8

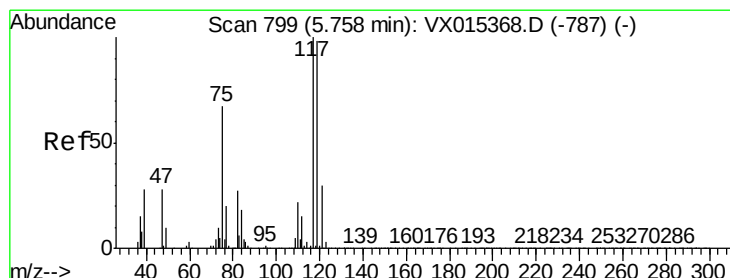
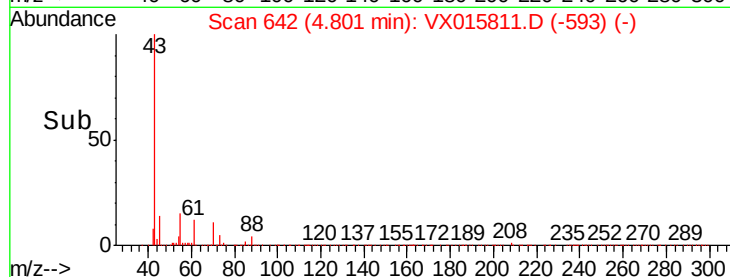
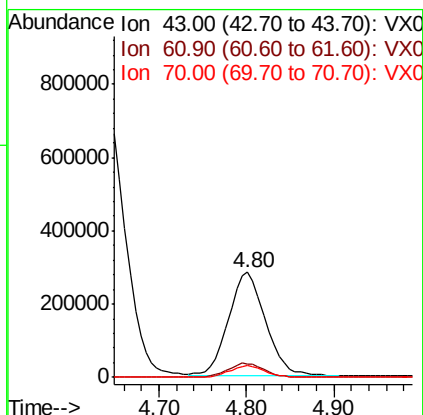
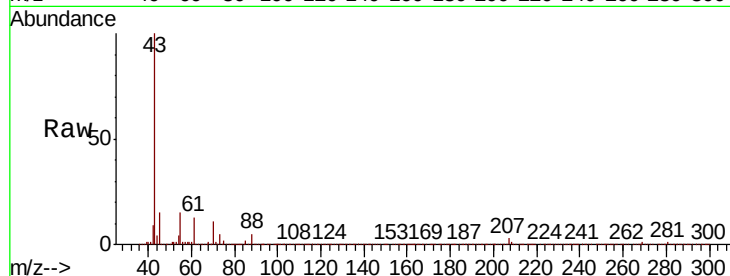




#37
Ethyl Acetate
Concen: 50.353 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

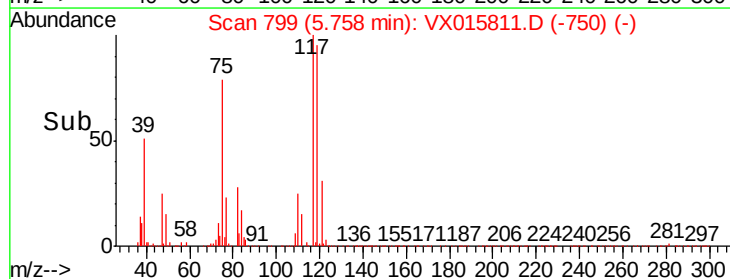
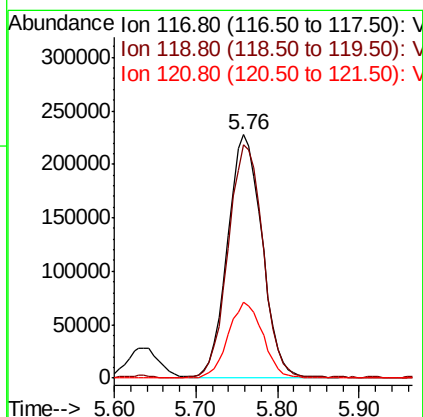
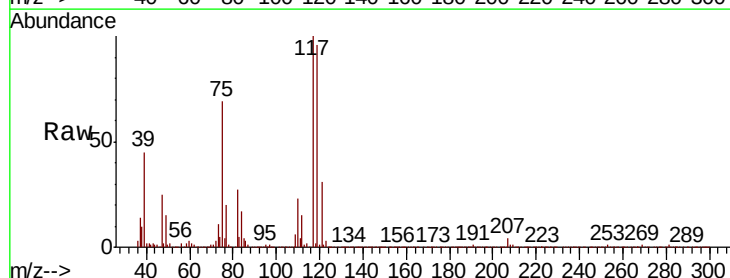
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

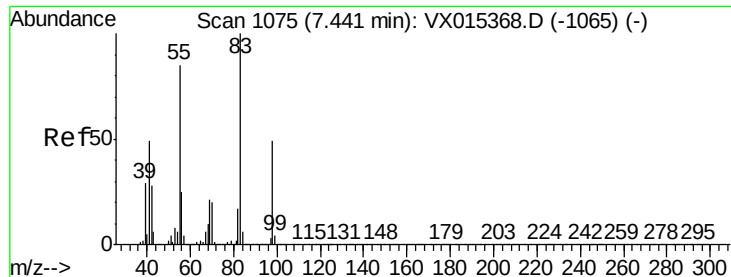
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	10.9	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.870 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.0	117.0
121	31.3	23.8	35.8

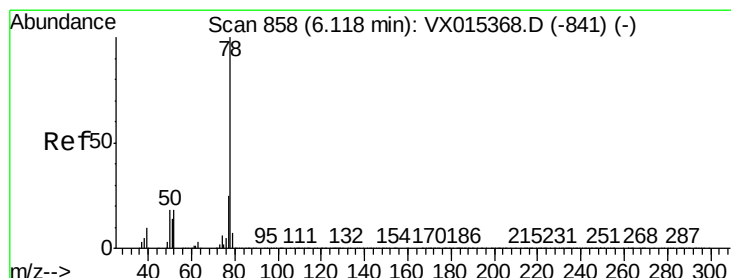
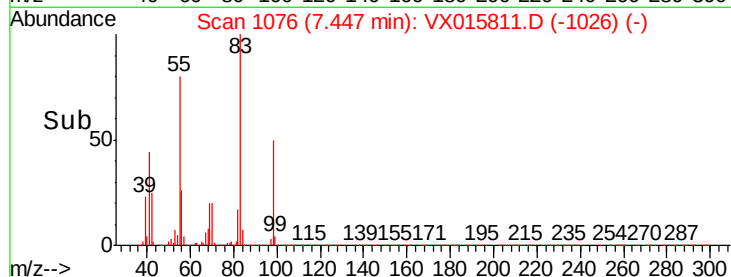
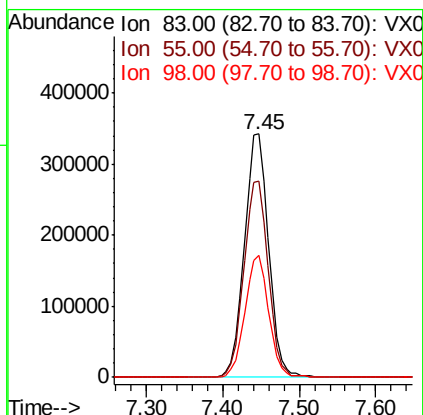
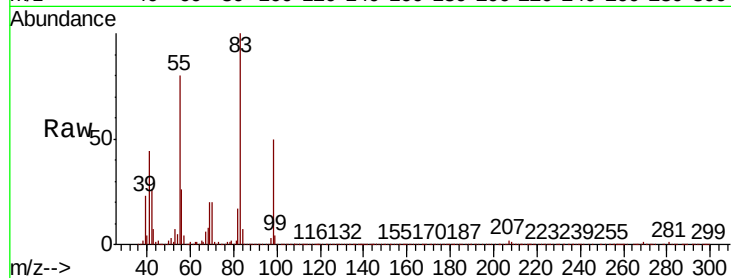




#39
Methylvlcyclohexane
Concen: 51.250 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

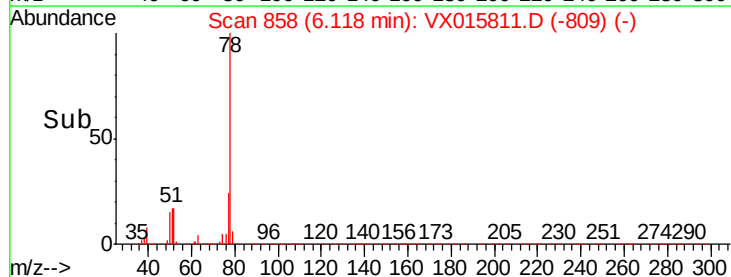
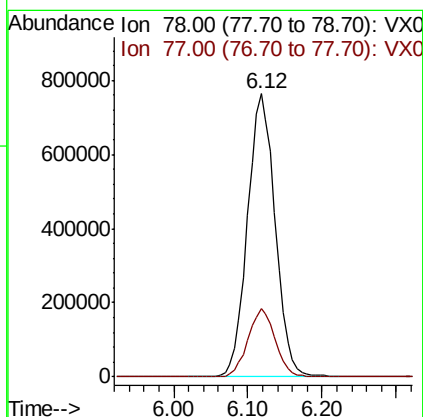
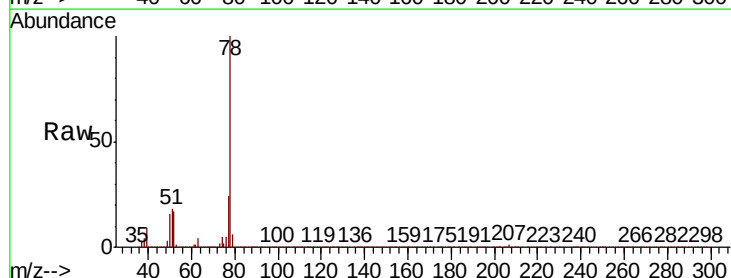
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

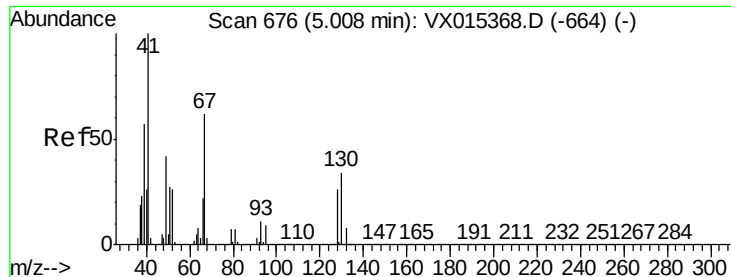
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	67.8	101.6
98	50.0	39.3	58.9



#40
Benzene
Concen: 53.299 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8





#41

Methacrylonitrile

Concen: 52.194 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 480271

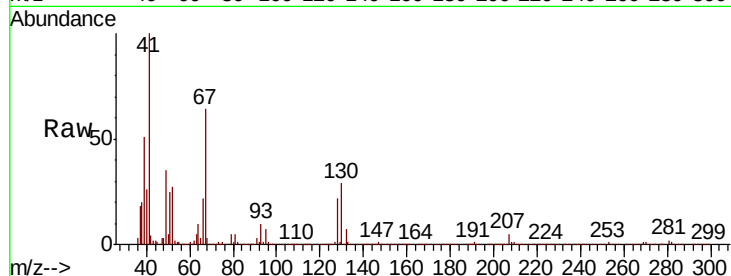
Ion Ratio Lower Upper

41 100

39 53.6 44.5 66.7

67 64.9 48.9 73.3

52 26.3 21.8 32.6



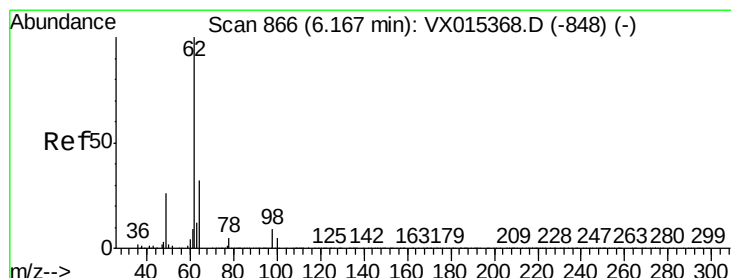
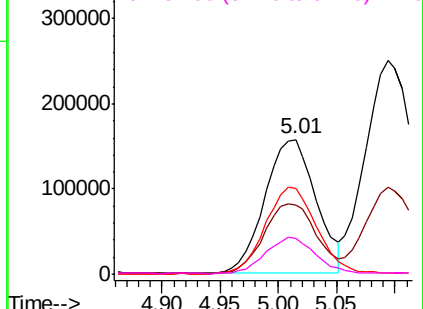
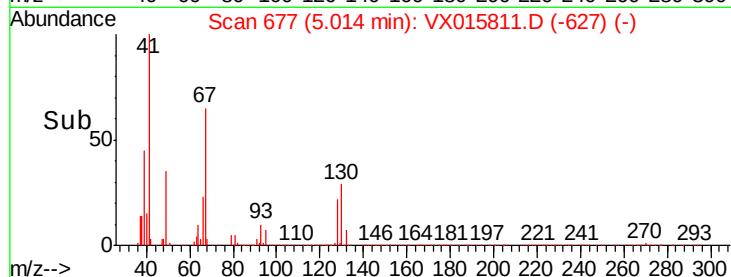
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.203 ug/l

RT: 6.17 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX015811.D

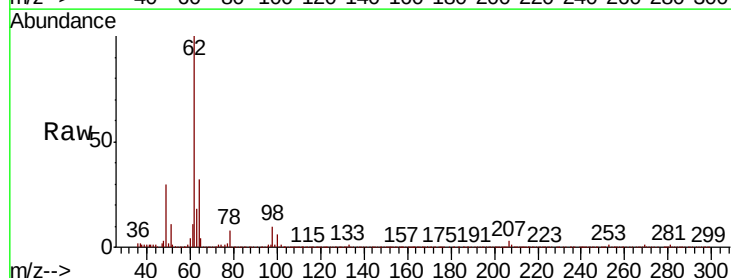
Acq: 21 Apr 2020 21:56

Tgt Ion: 62 Resp: 737017

Ion Ratio Lower Upper

62 100

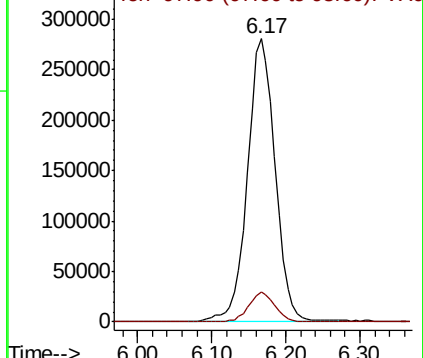
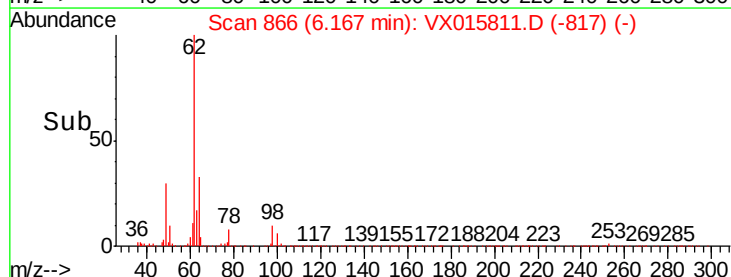
98 9.8 0.0 17.6

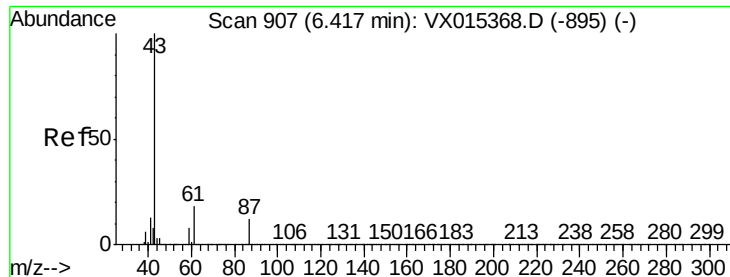


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.076 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

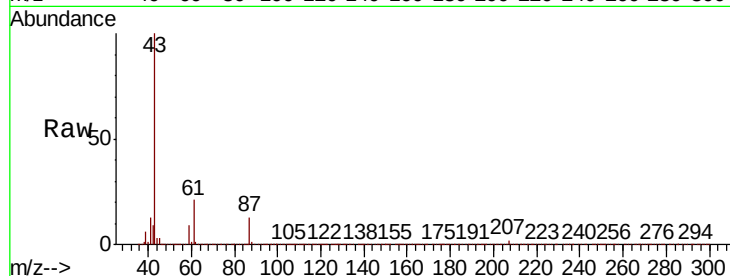
Tot Ion: 43 Resp: 1429225

Ion Ratio Lower Upper

43 100

61 19.7 14.8 22.2

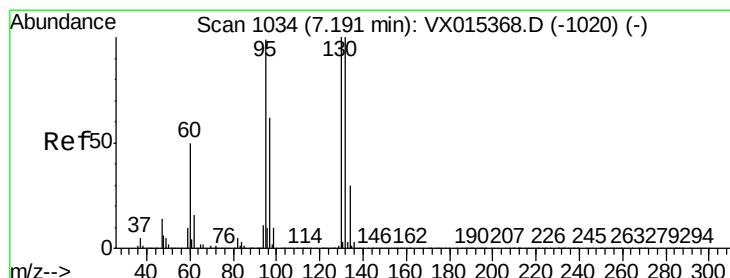
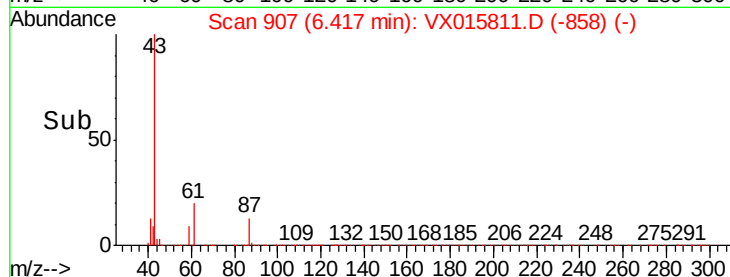
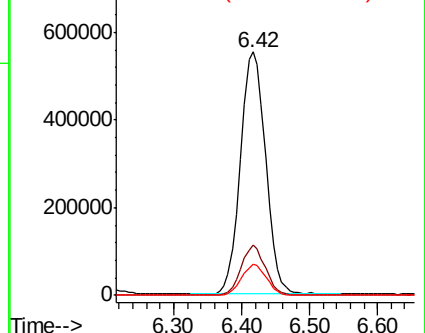
87 12.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 68.648 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015811.D

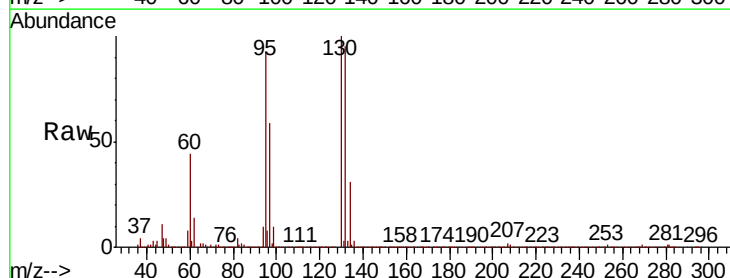
Acq: 21 Apr 2020 21:56

Tgt Ion:130 Resp: 698167

Ion Ratio Lower Upper

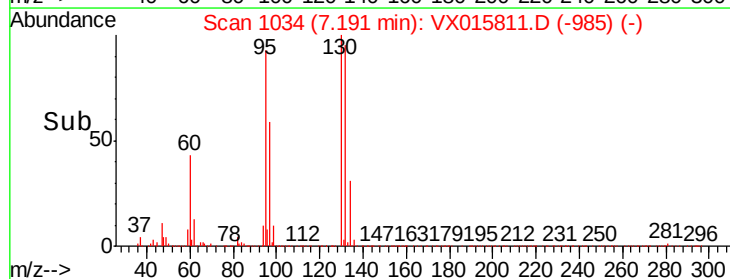
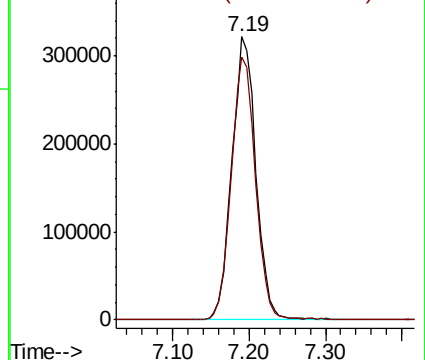
130 100

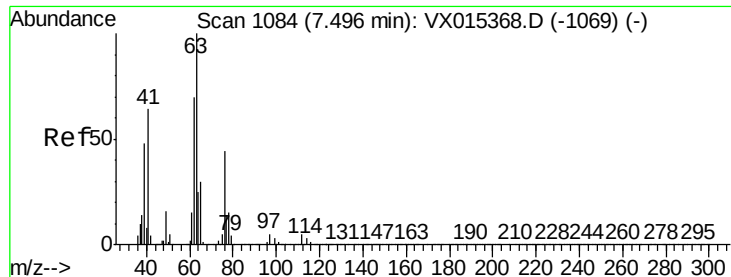
95 92.8 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

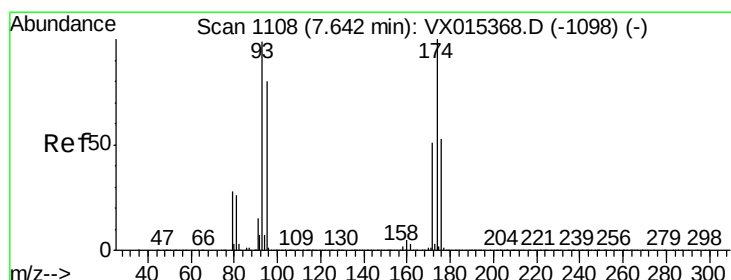
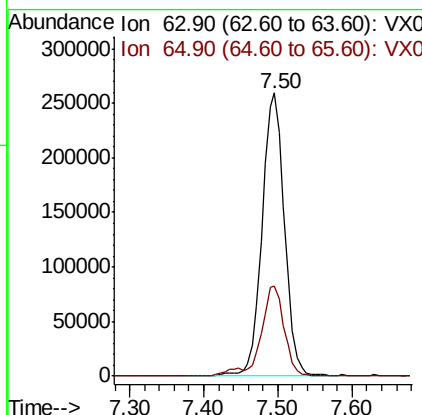
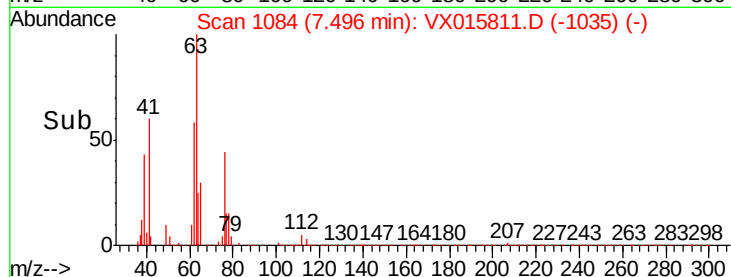
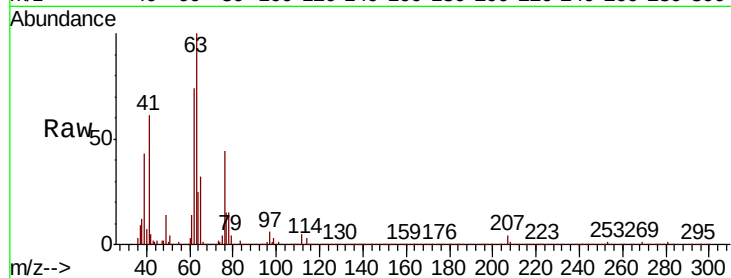




#45
 1,2-Dichloropropane
 Concen: 53.232 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

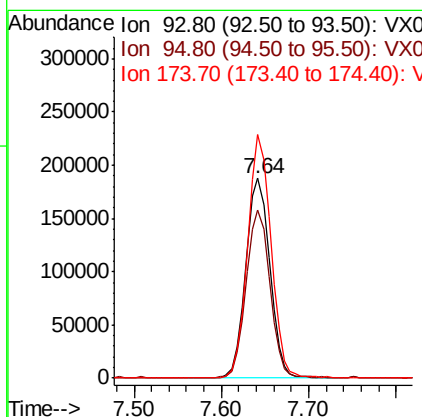
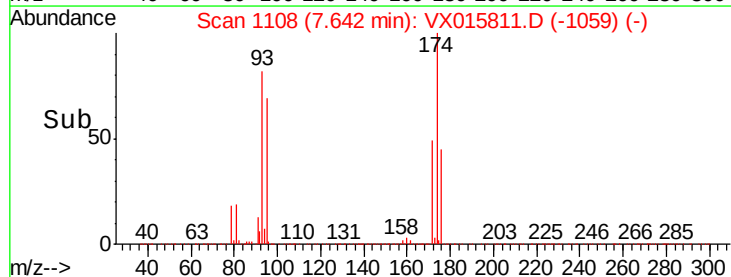
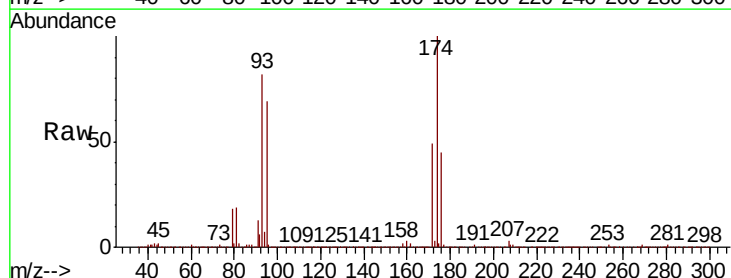
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

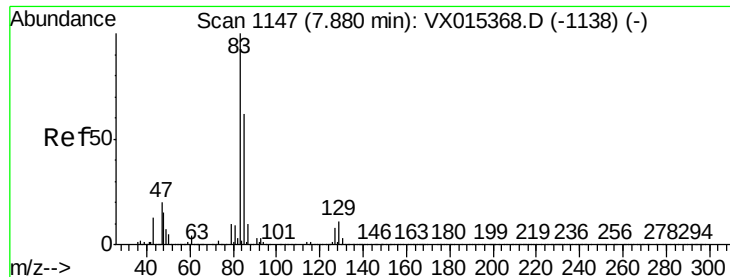
Tot Ion: 63 Resp: 543038
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.9 35.9



#46
 Dibromomethane
 Concen: 53.803 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 93 Resp: 360040
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 118.1 86.2 129.2





#47

Bromodichloromethane

Concen: 51.342 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

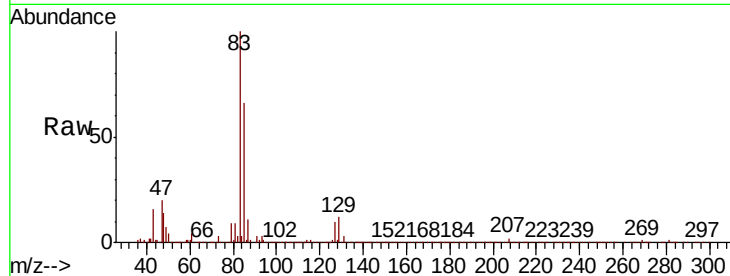
Tot Ion: 83 Resp: 732093

Ion Ratio Lower Upper

83 100

85 65.8 49.7 74.5

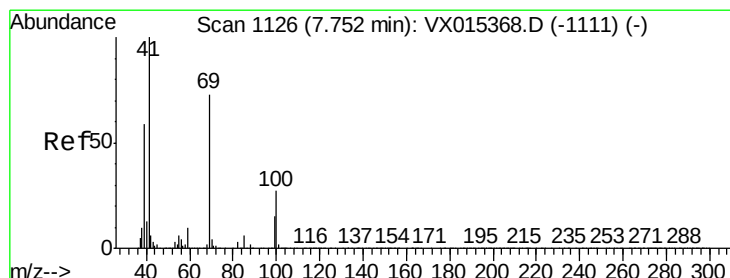
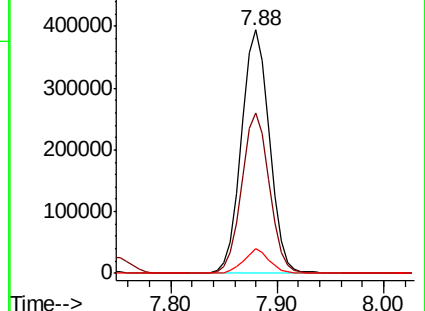
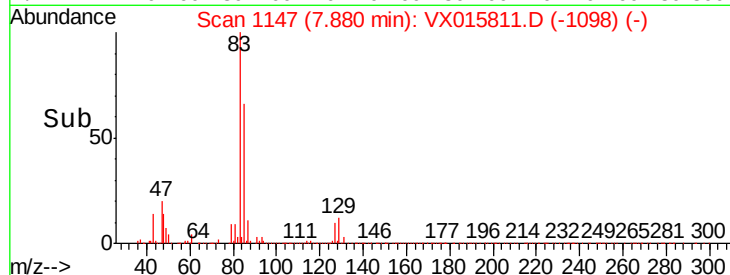
127 10.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.900 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

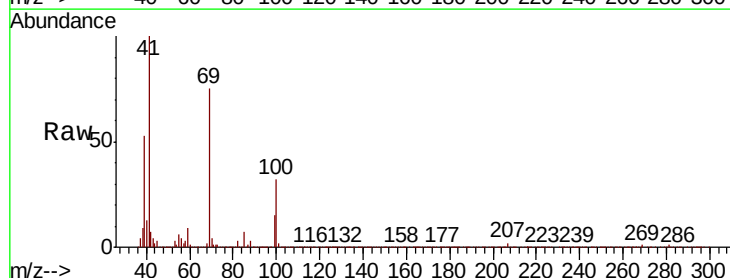
Tgt Ion: 41 Resp: 711412

Ion Ratio Lower Upper

41 100

69 75.4 56.7 85.1

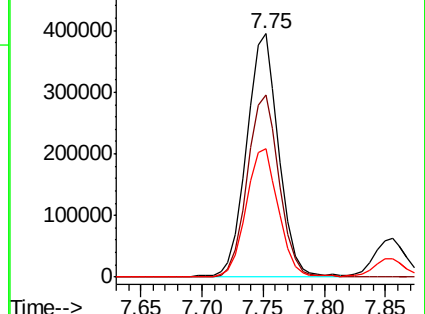
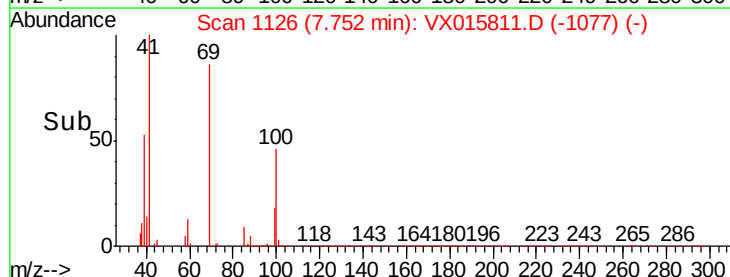
39 53.3 46.5 69.7

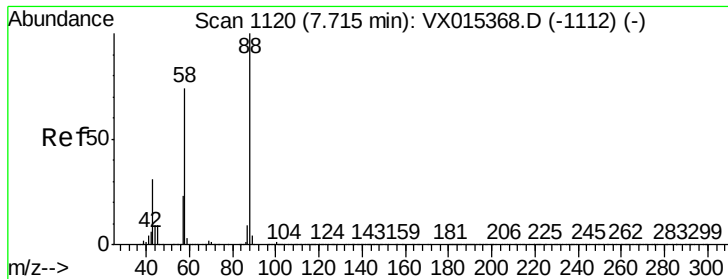


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 908.386 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

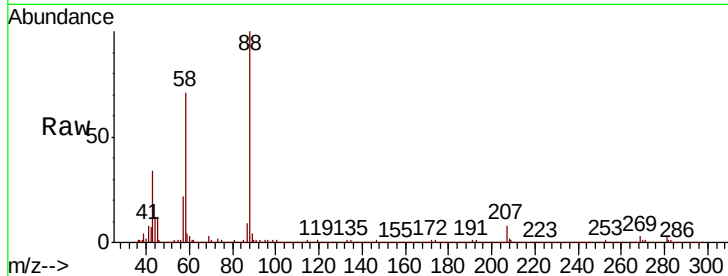
Tot Ion: 88 Resp: 236849

Ion Ratio Lower Upper

88 100

43 36.3 30.1 45.1

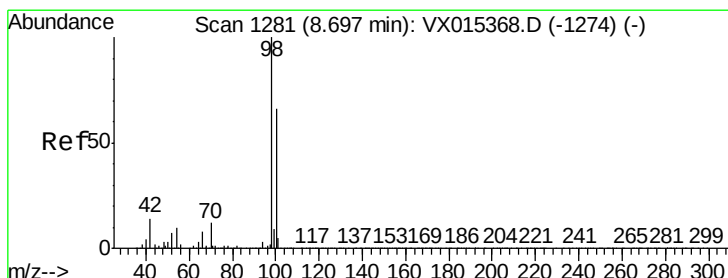
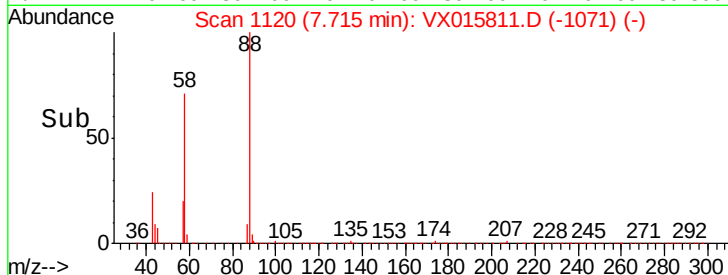
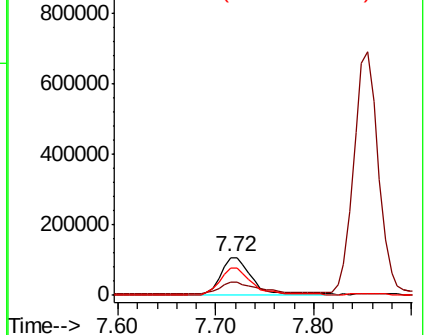
58 75.1 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.930 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015811.D

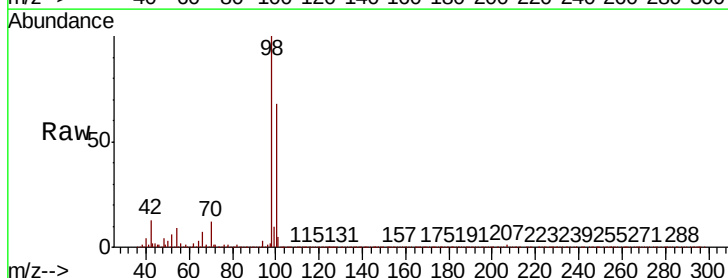
Acq: 21 Apr 2020 21:56

Tgt Ion: 98 Resp: 1623588

Ion Ratio Lower Upper

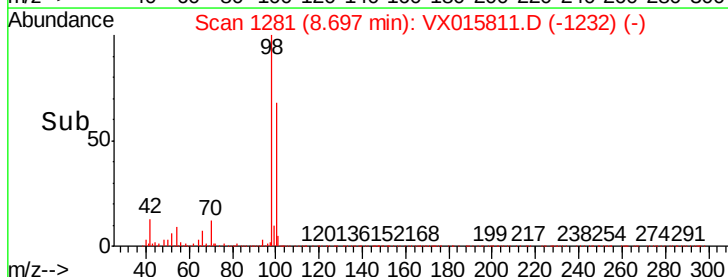
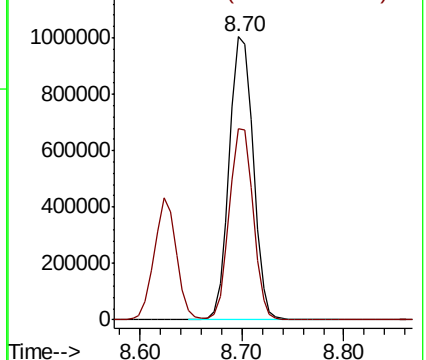
98 100

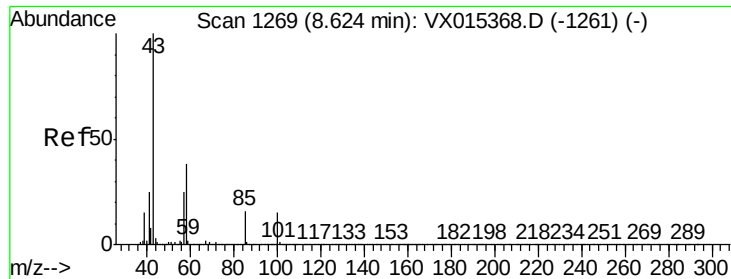
100 67.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

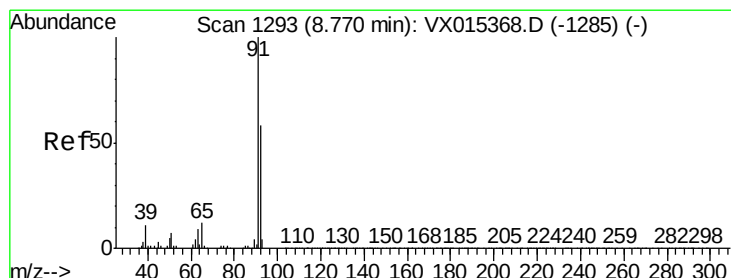
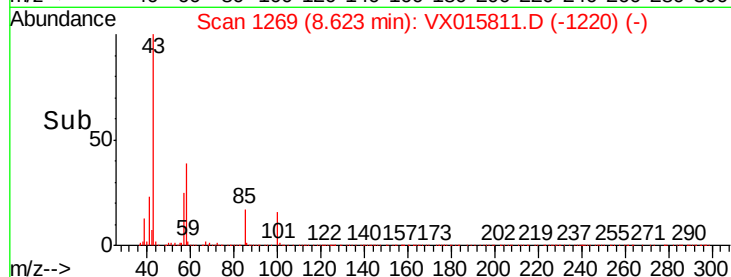
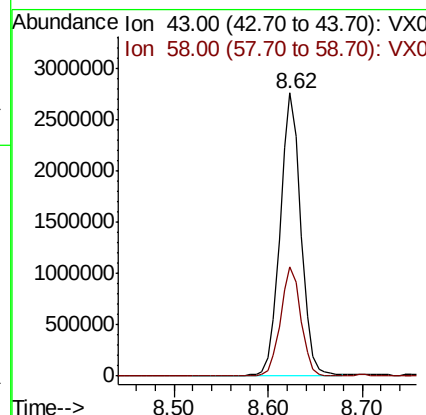
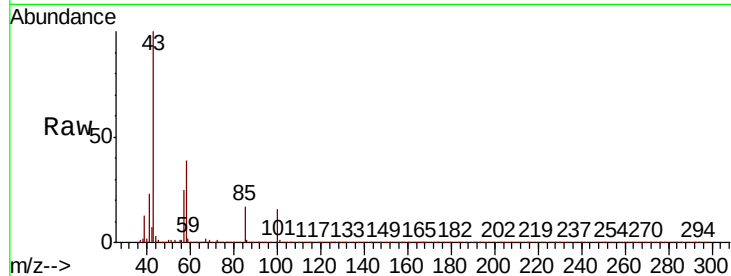




#51
 4-Methyl-2-Pentanone
 Concen: 268.401 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

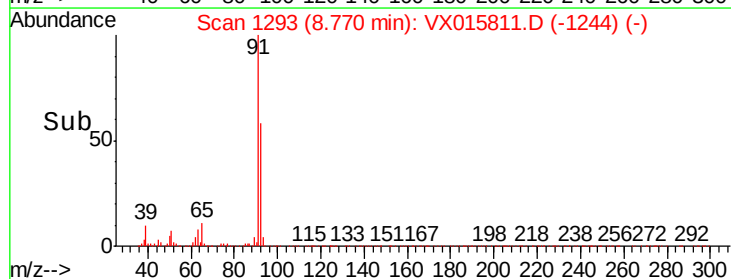
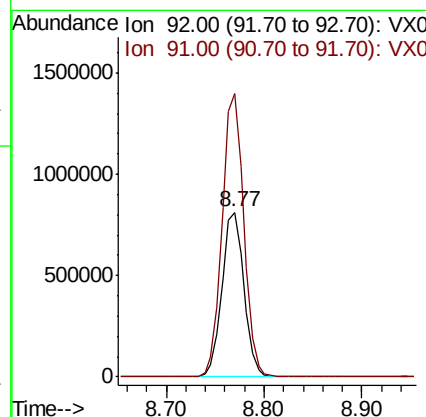
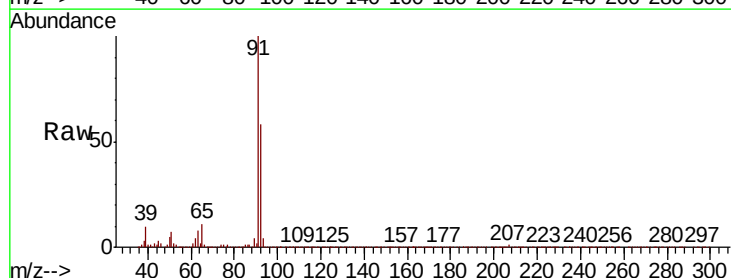
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

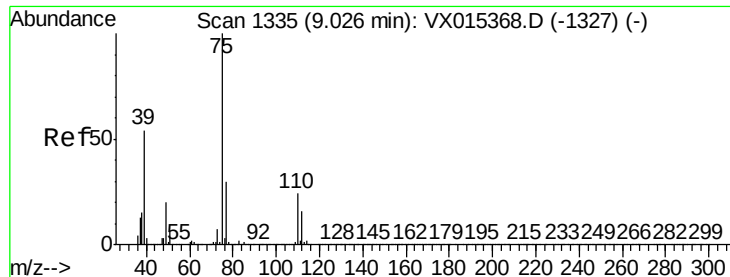
Tot Ion: 43 Resp: 4256309
 Ion Ratio Lower Upper
 43 100
 58 38.3 29.7 44.5



#52
 Toluene
 Concen: 54.971 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 92 Resp: 1263830
 Ion Ratio Lower Upper
 92 100
 91 170.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 52.279 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

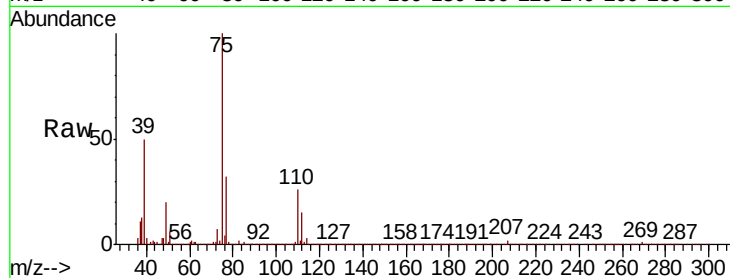
VSTDCCC050

Tot Ion: 75 Resp: 874280

Ion Ratio Lower Upper

75 100

77 32.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

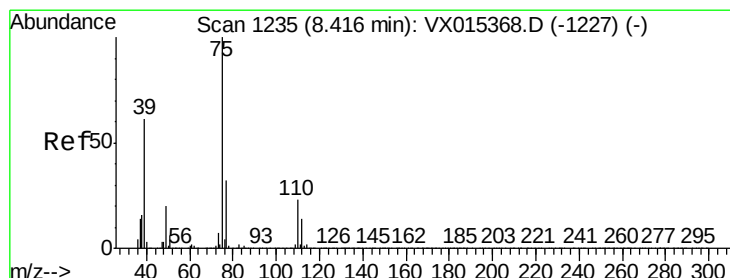
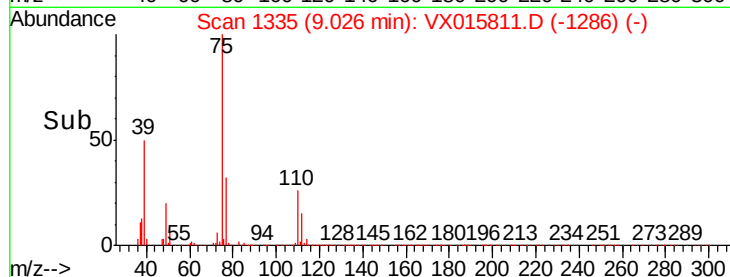
600000

400000

200000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 52.929 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

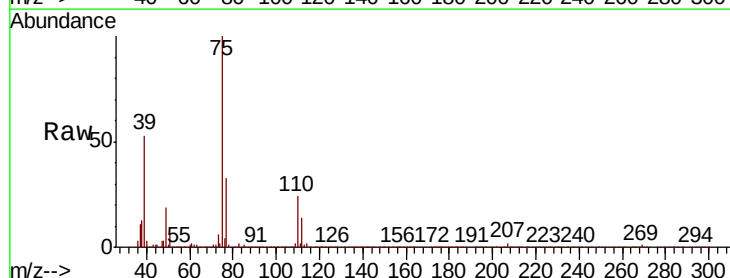
Tgt Ion: 75 Resp: 901668

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 53.1 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

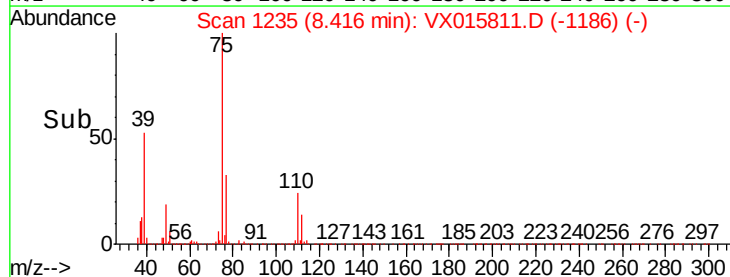
600000

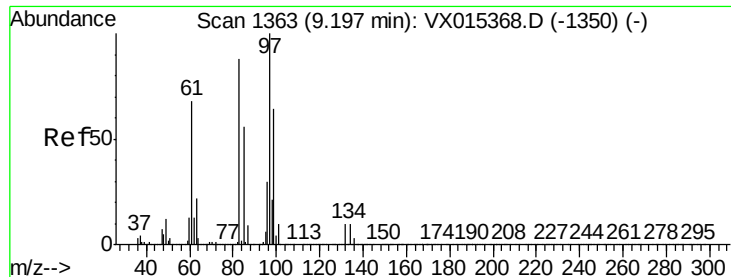
400000

200000

0

Time--> 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 56.960 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 536532

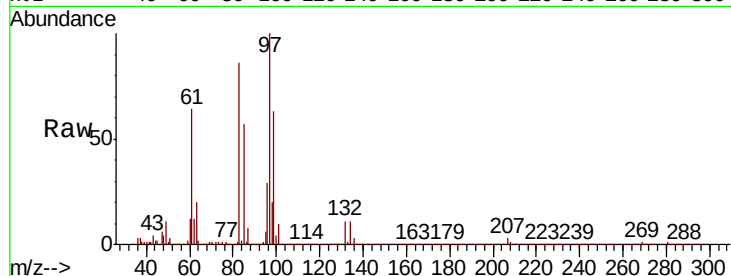
Ion Ratio Lower Upper

97 100

83 85.8 70.2 105.4

85 56.5 44.7 67.1

99 63.3 51.1 76.7

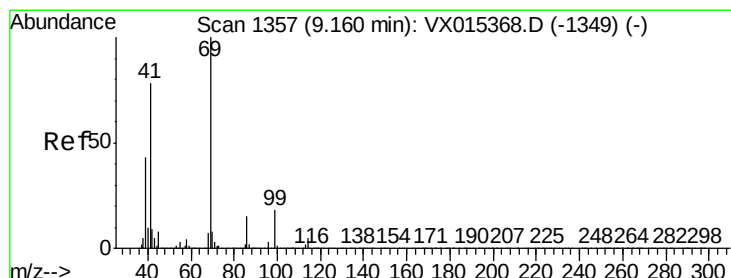
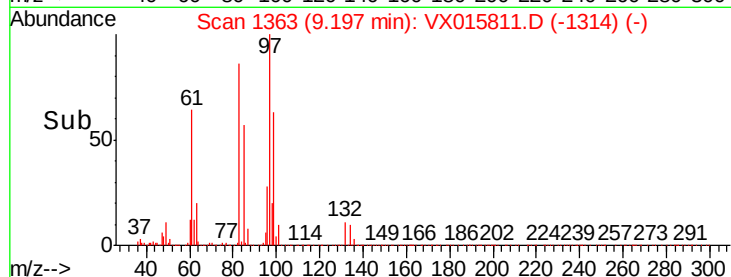
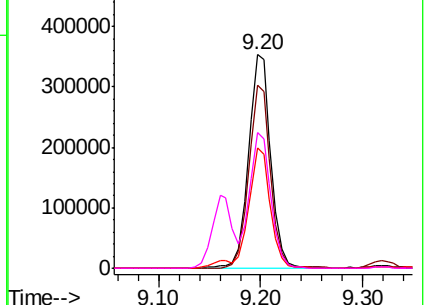


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.487 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

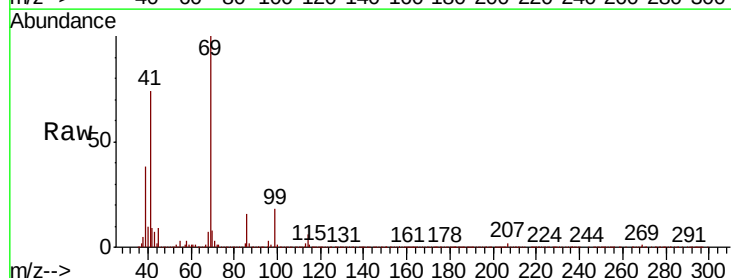
Tgt Ion: 69 Resp: 904523

Ion Ratio Lower Upper

69 100

41 74.1 61.6 92.4

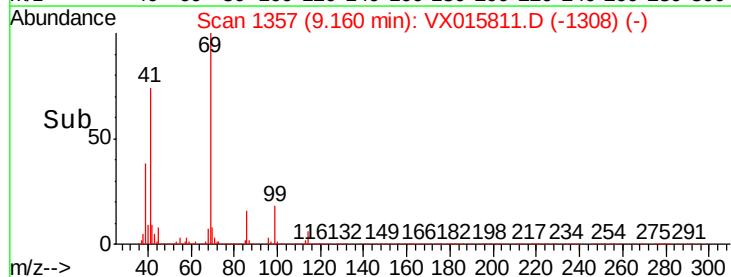
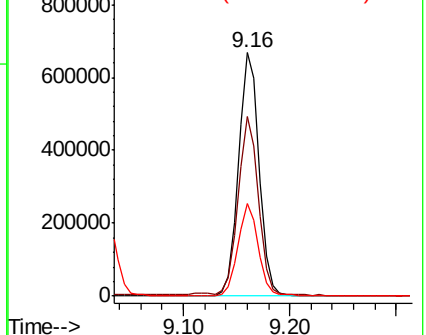
39 37.7 34.0 51.0

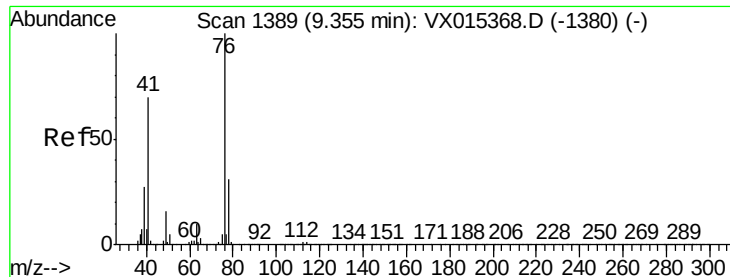


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

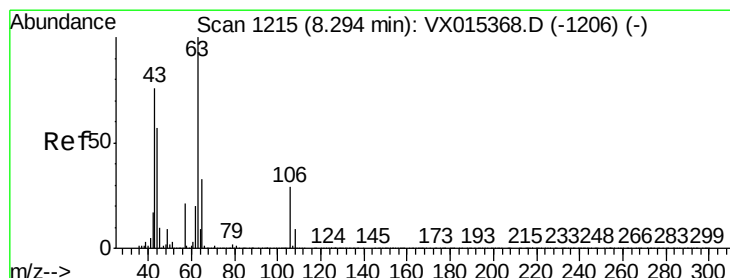
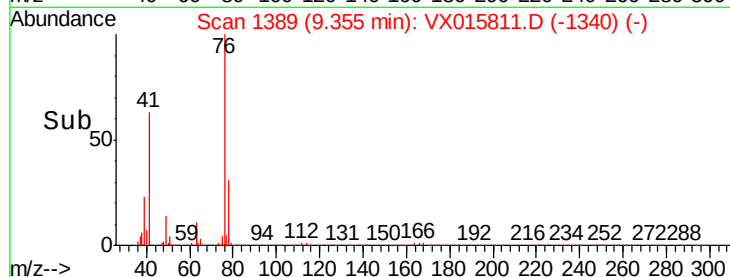
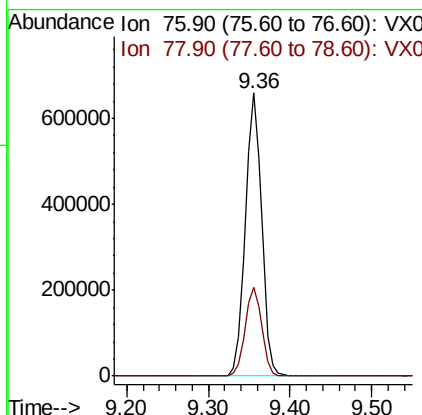
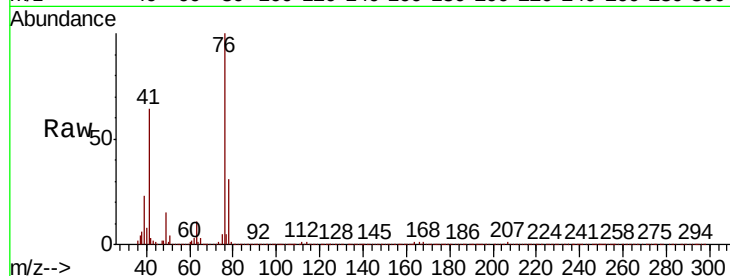




#57
 1,3-Dichloropropane
 Concen: 53.629 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

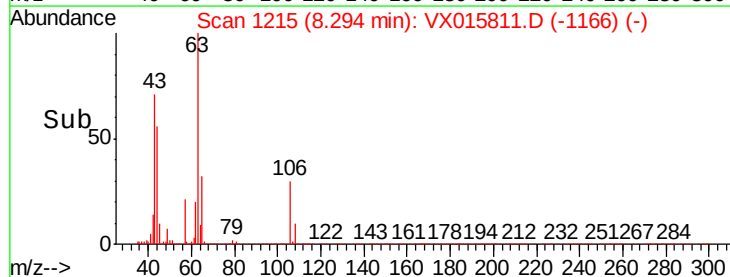
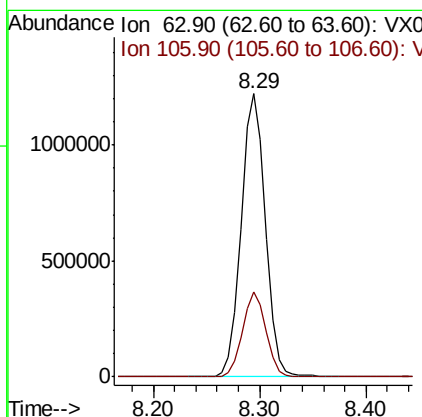
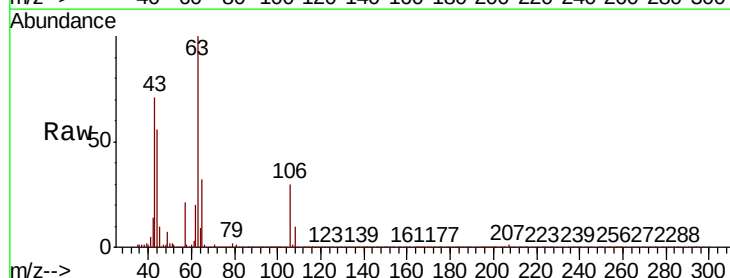
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

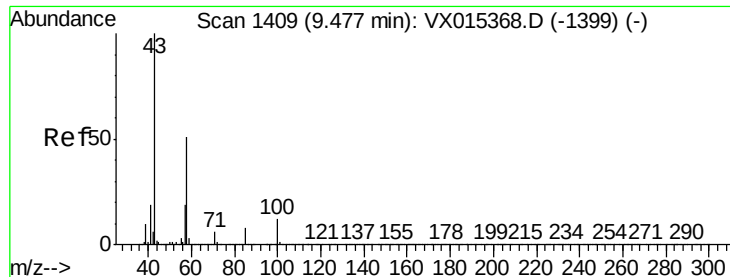
Tot Ion: 76 Resp: 910139
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.633 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 63 Resp: 1943026
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.7 34.1

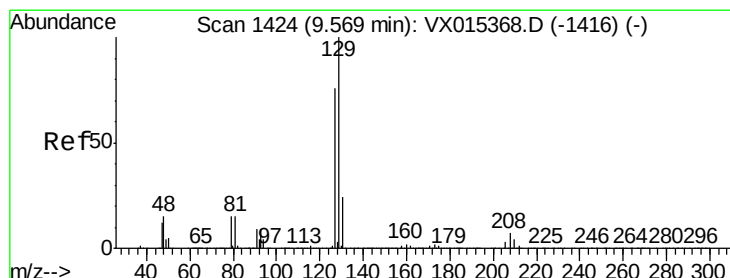
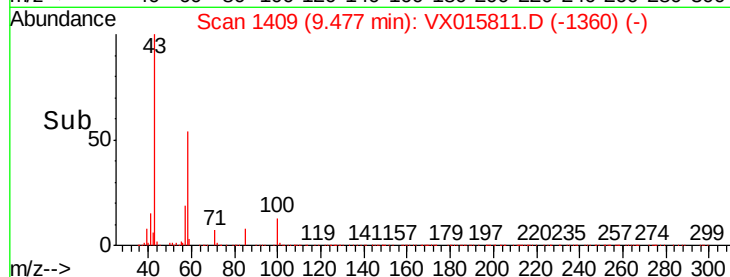
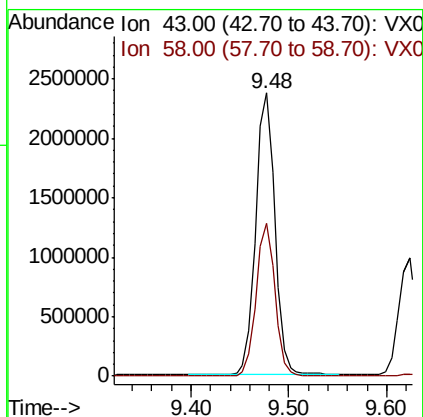
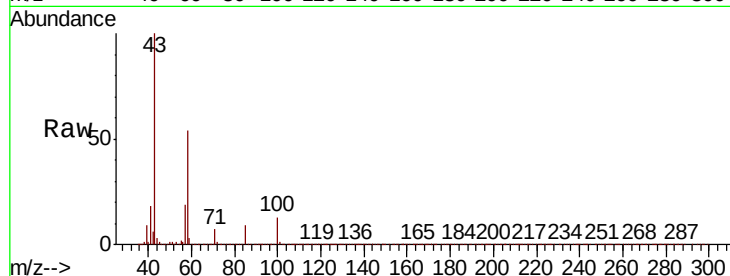




#59
2-Hexanone
Concen: 269.269 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

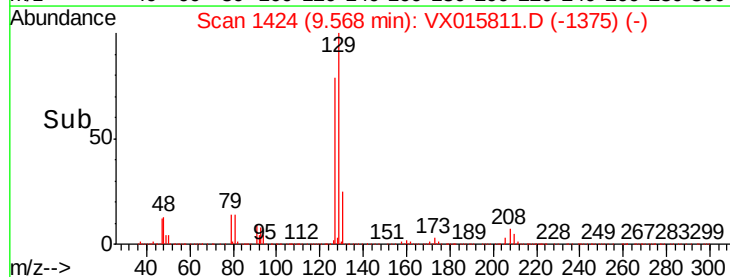
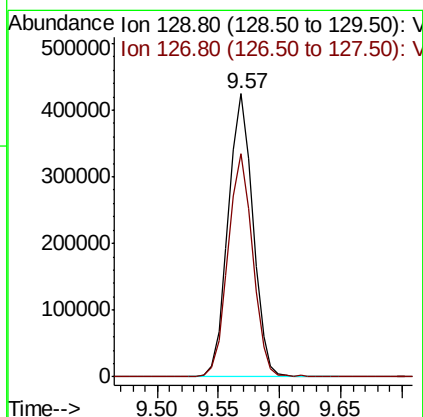
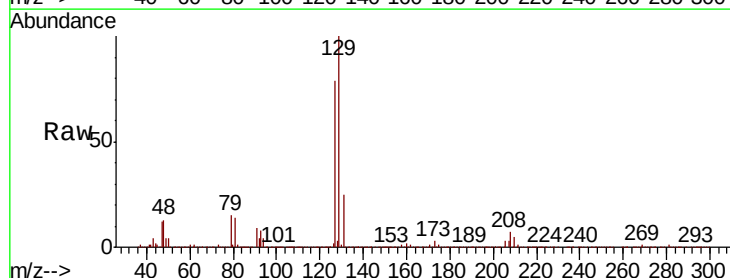
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

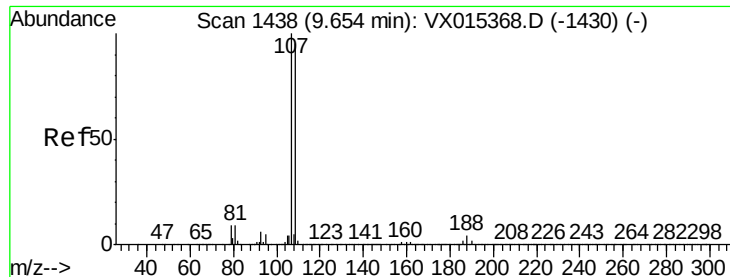
Tot Ion: 43 Resp: 3223813
Ion Ratio Lower Upper
43 100
58 53.6 25.6 76.6



#60
Dibromochloromethane
Concen: 52.514 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion: 129 Resp: 594390
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 54.574 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

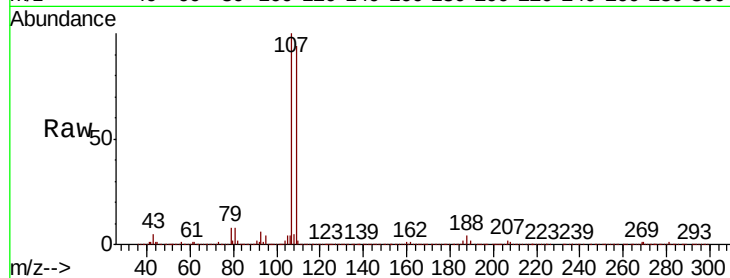
VSTDCCC050

Tot Ion:107 Resp: 558960

Ion Ratio Lower Upper

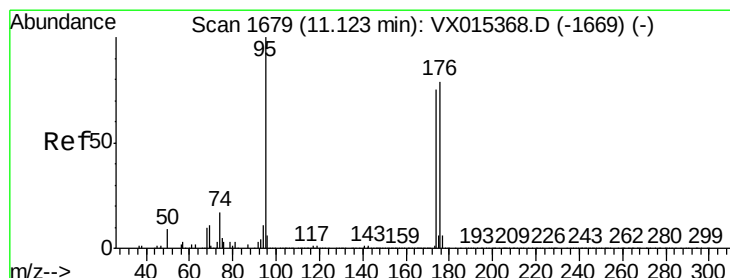
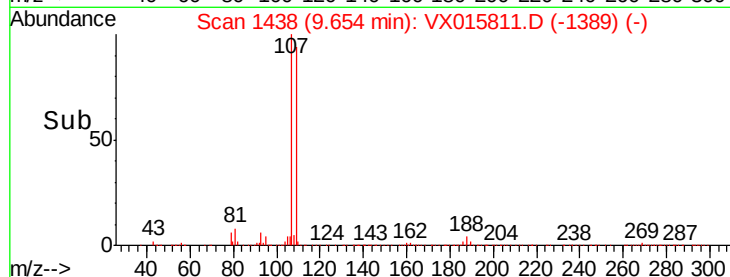
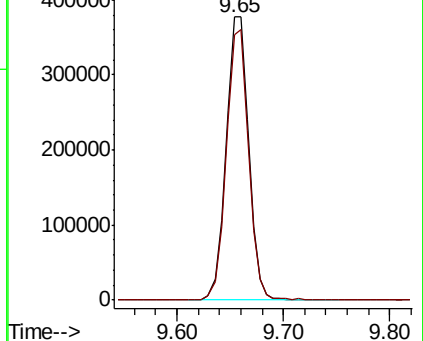
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.361 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

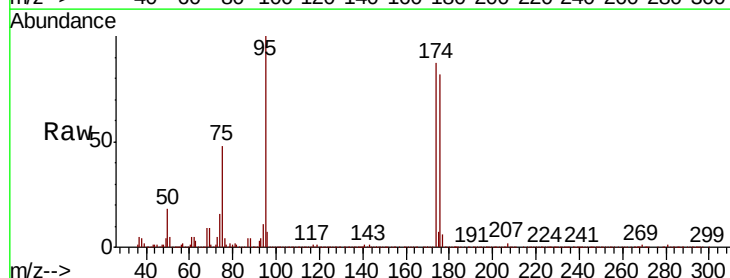
Tgt Ion: 95 Resp: 678737

Ion Ratio Lower Upper

95 100

174 84.4 0.0 158.6

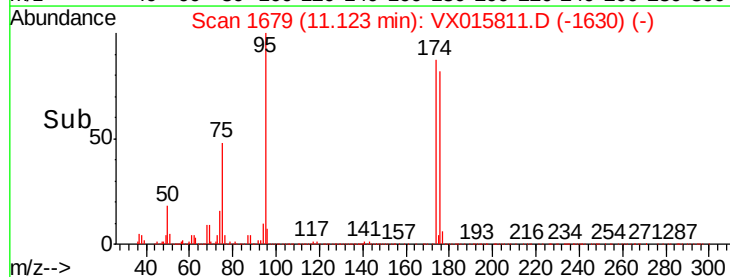
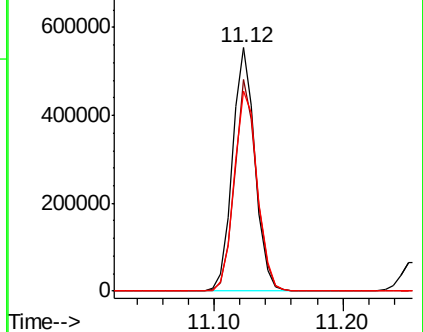
176 85.0 0.0 159.0

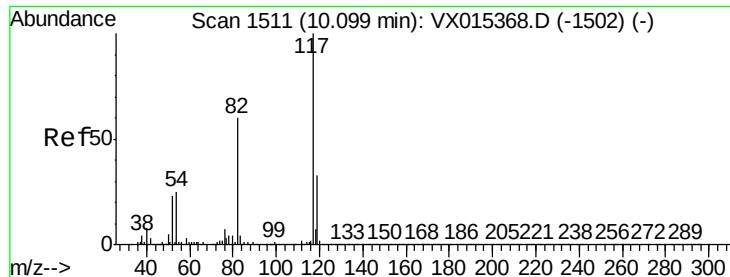


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

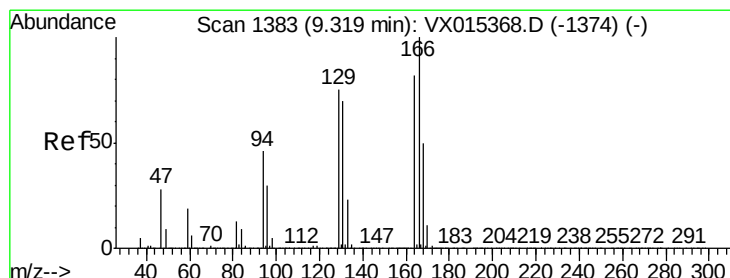
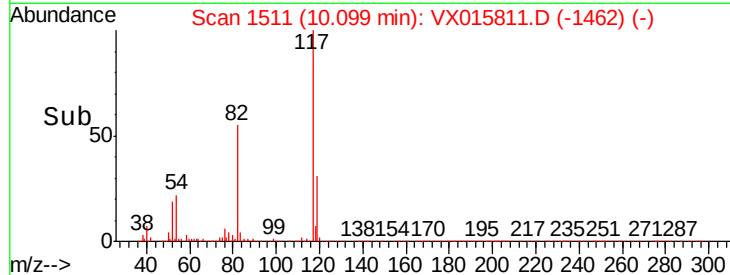
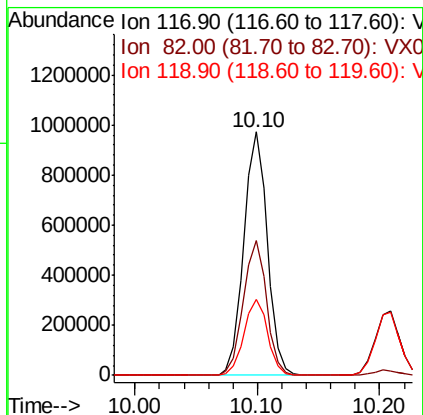
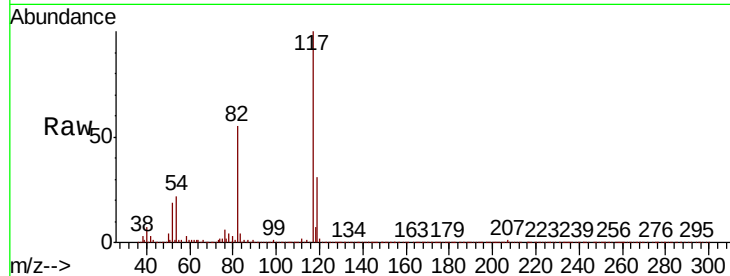




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

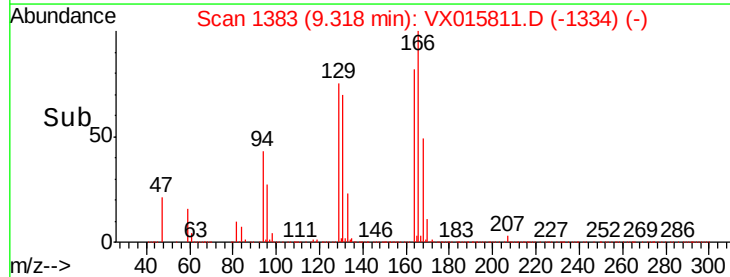
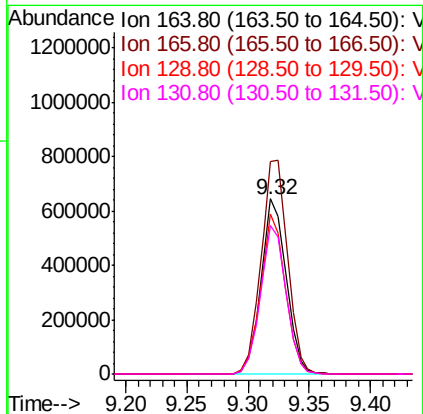
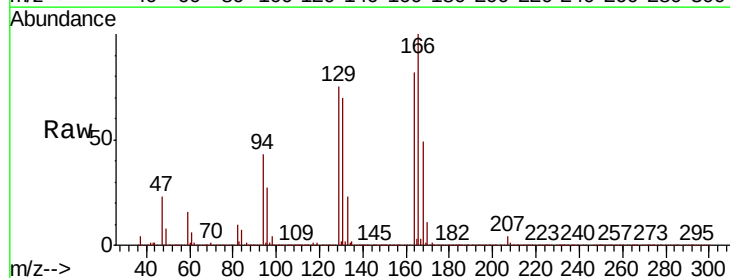
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

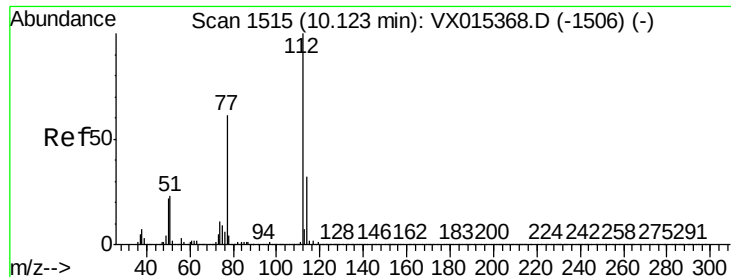
Tot Ion:117 Resp: 1294939
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.8
119 31.2 26.8 40.2



#64
Tetrachloroethene
Concen: 95.432 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion:164 Resp: 932614
Ion Ratio Lower Upper
164 100
166 121.3 97.8 146.6
129 91.5 73.0 109.4
131 84.8 68.6 103.0

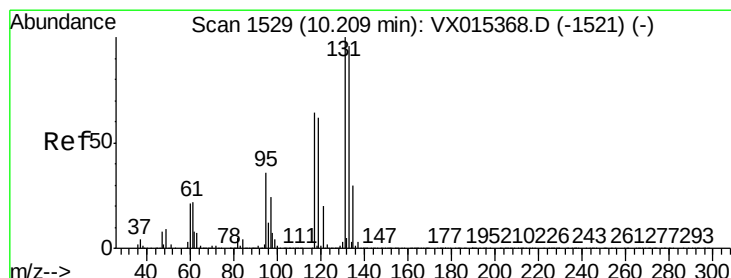
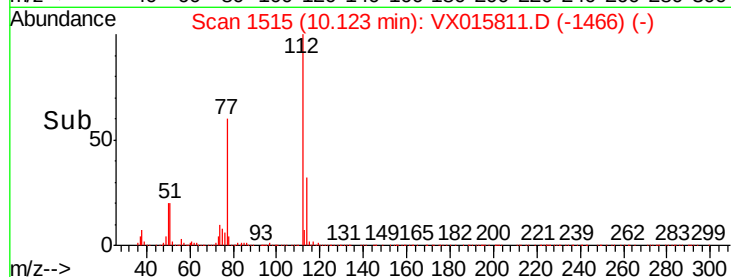
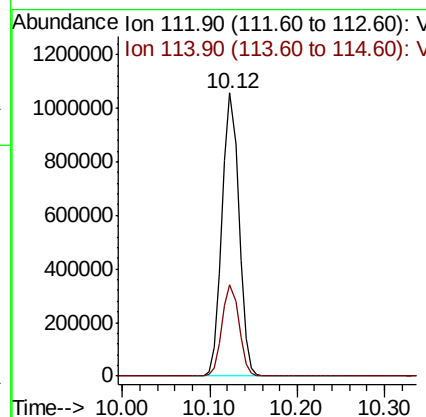
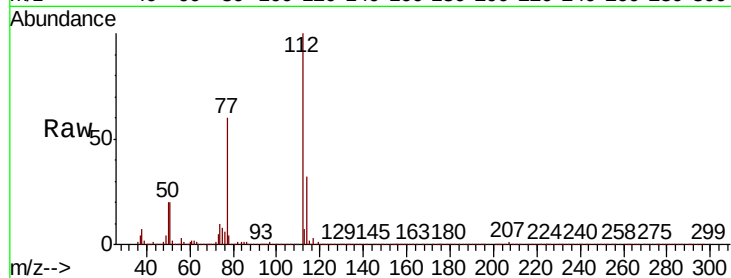




#65
Chlorobenzene
Concen: 54.684 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

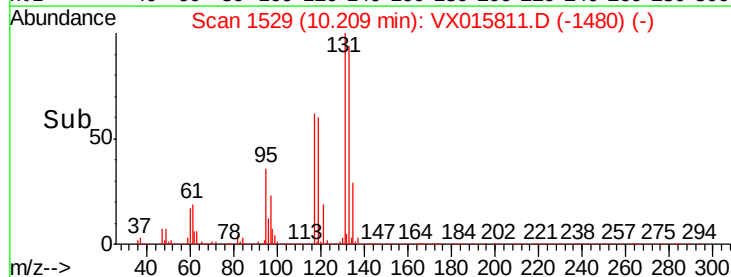
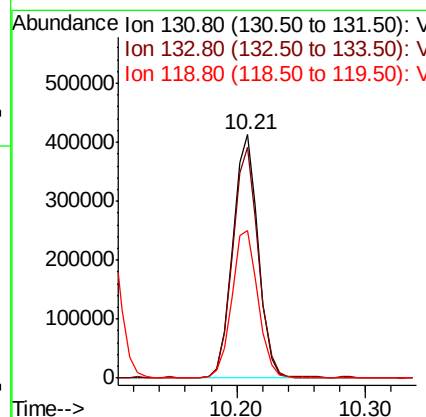
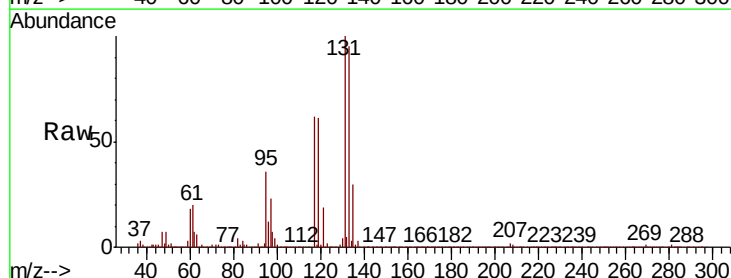
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

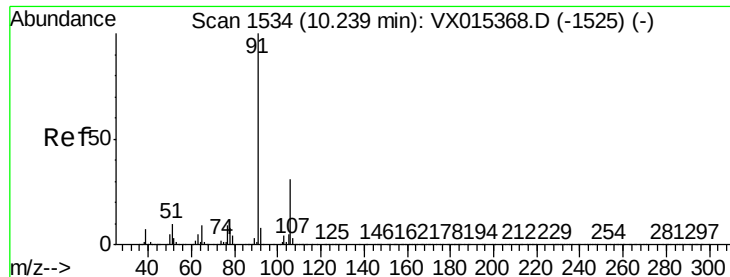
Tot Ion:112 Resp: 1412215
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.003 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion:131 Resp: 567474
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 62.3 31.1 93.3





#67

Ethyl Benzene

Concen: 54.207 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

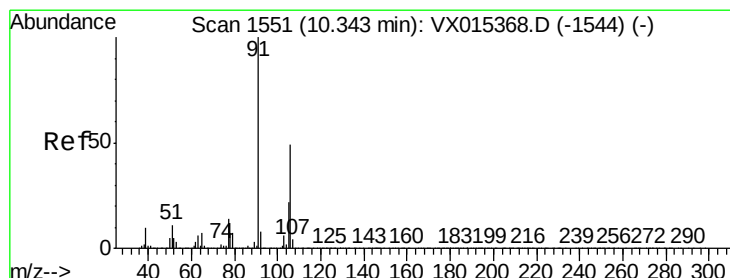
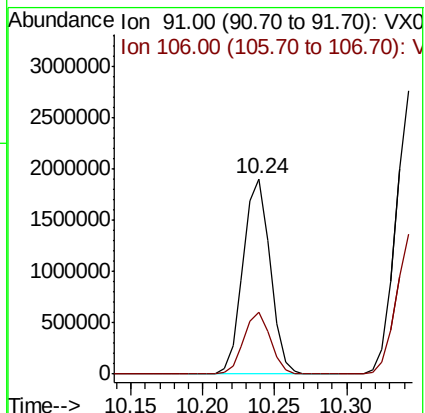
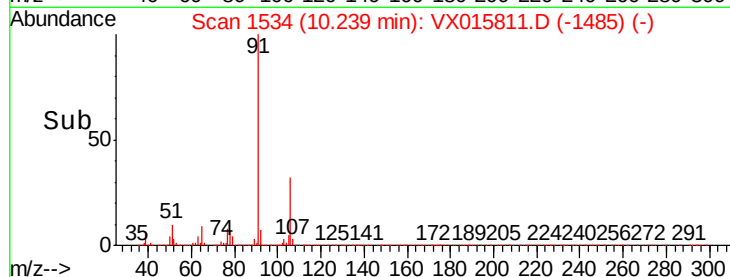
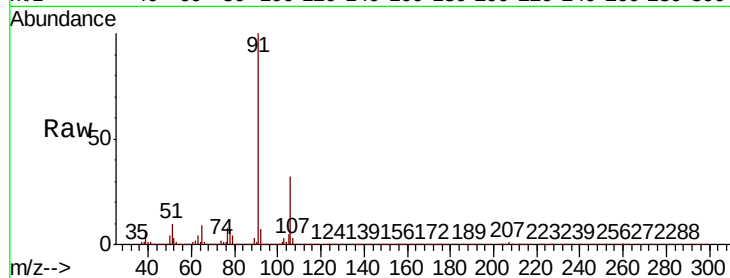
VSTDCCC050

Tot Ion: 91 Resp: 2482842

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 108.805 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015811.D

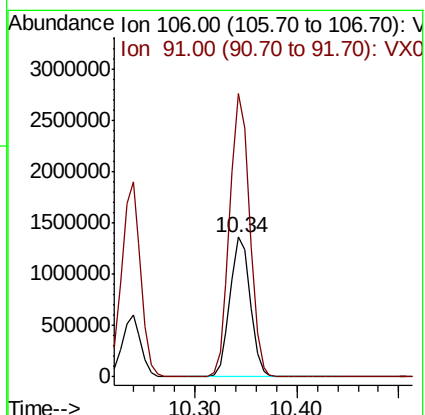
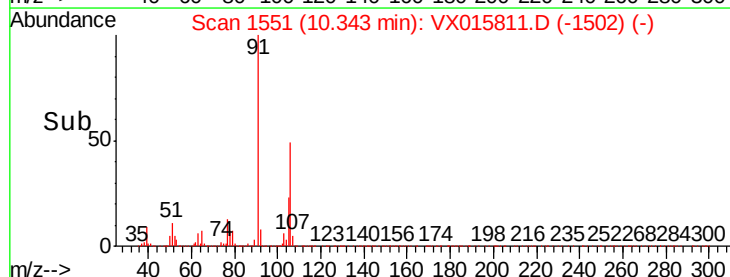
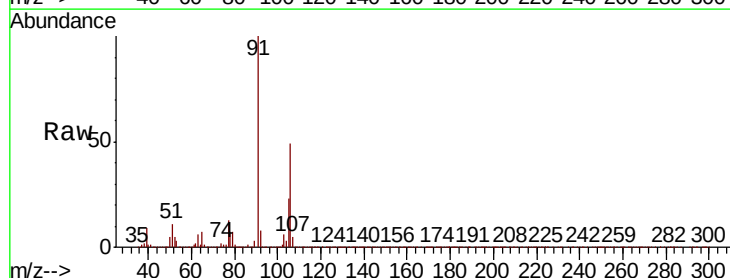
Acq: 21 Apr 2020 21:56

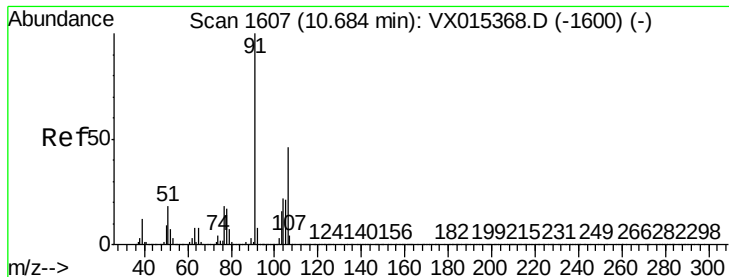
Tgt Ion: 106 Resp: 1855729

Ion Ratio Lower Upper

106 100

91 200.7 163.4 245.0

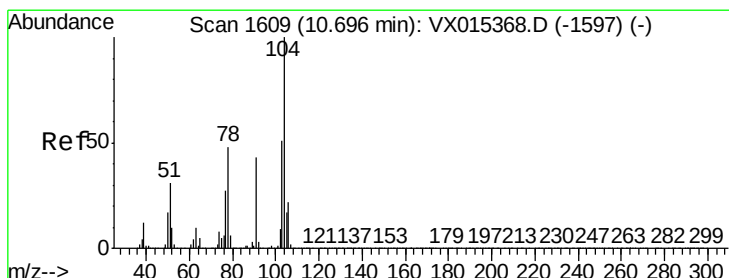
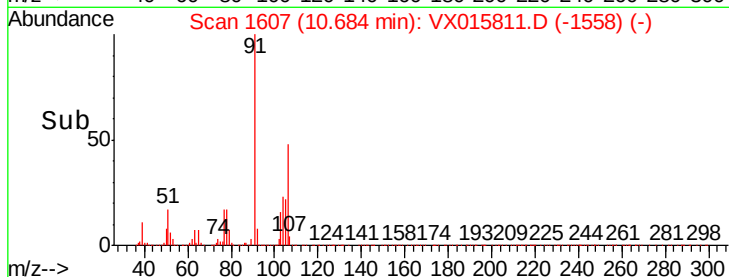
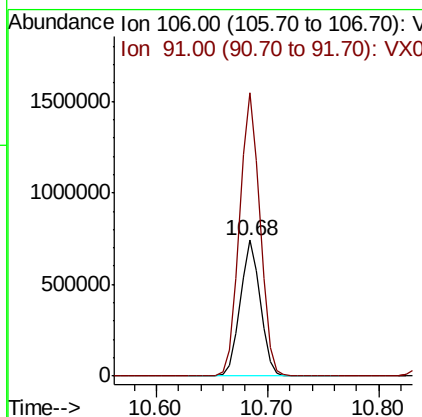
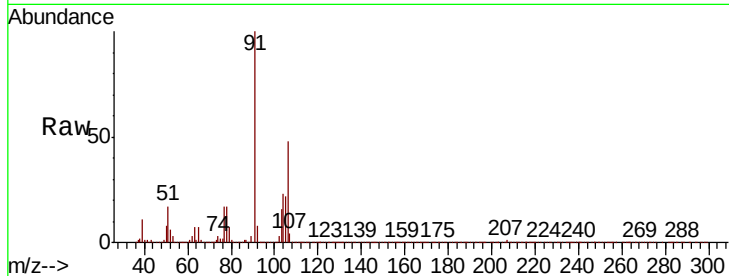




#69
o-Xylene
Concen: 54.730 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

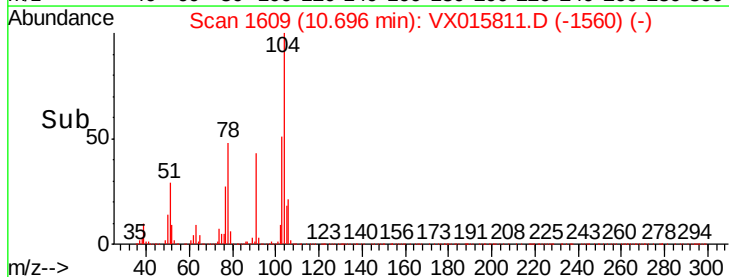
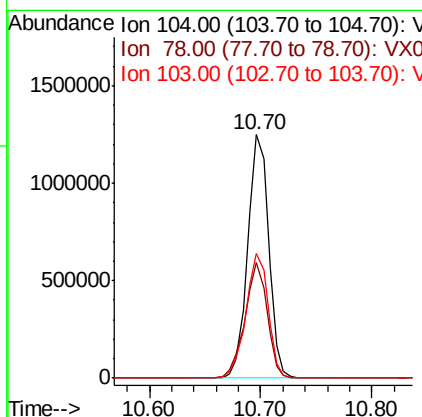
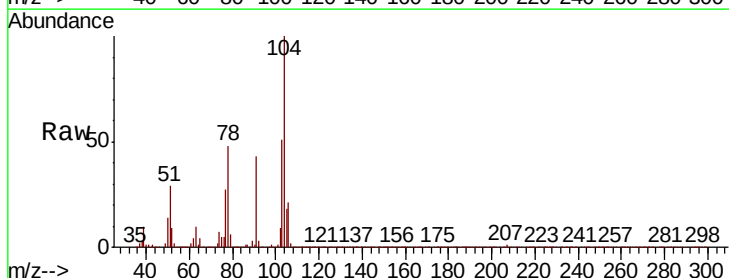
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

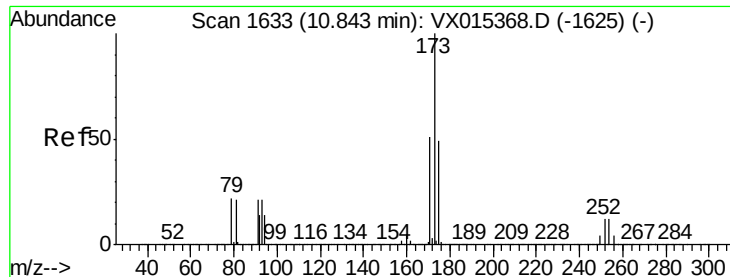
Tot Ion:106 Resp: 922396
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.3



#70
Styrene
Concen: 55.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion:104 Resp: 1639608
Ion Ratio Lower Upper
104 100
78 50.3 42.0 63.0
103 54.3 43.4 65.0

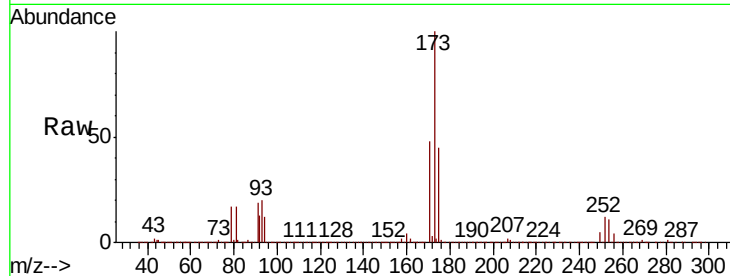




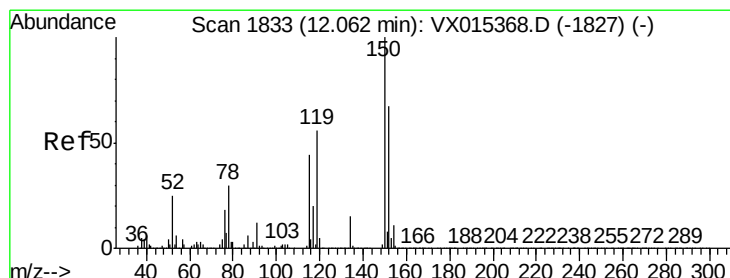
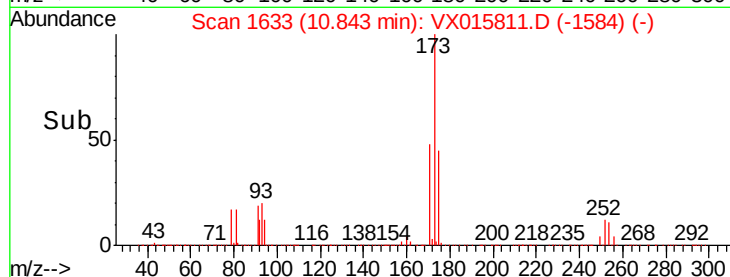
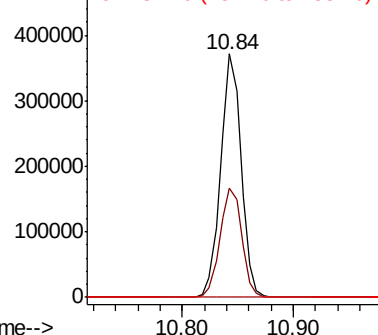
#71
Bromoform
Concen: 50.653 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 475743
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.7
254 0.2 0.1 0.1#

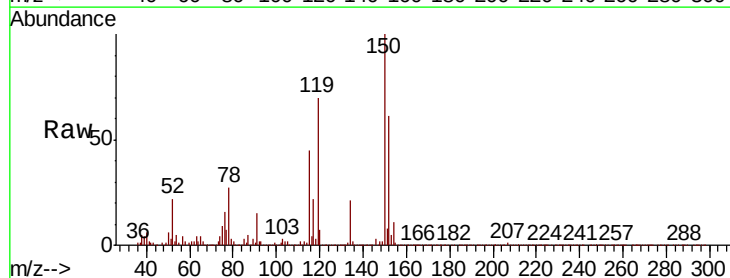


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

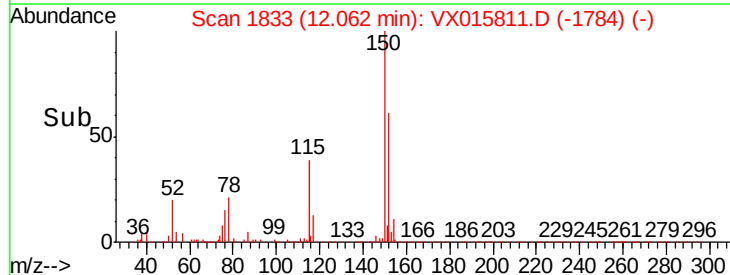
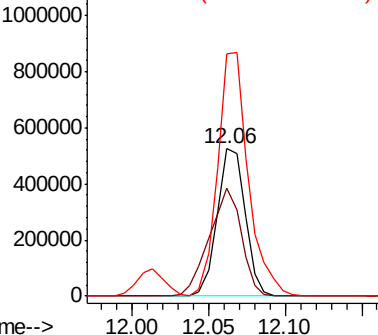


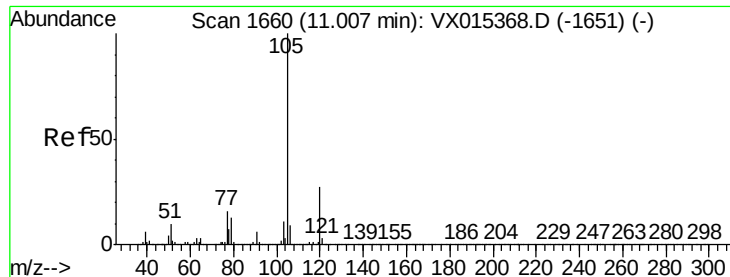
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion:152 Resp: 668945
Ion Ratio Lower Upper
152 100
115 83.0 39.0 116.9
150 180.0 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.140 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

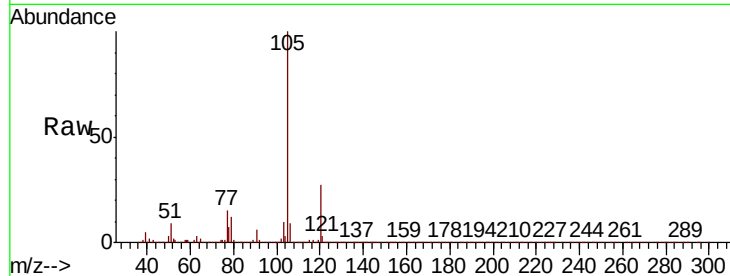
VSTDCCC050

Tot Ion:105 Resp: 2460647

Ion Ratio Lower Upper

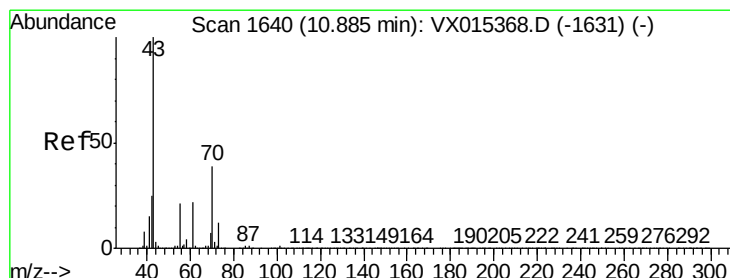
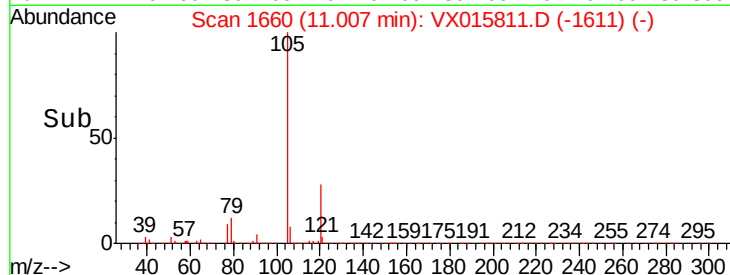
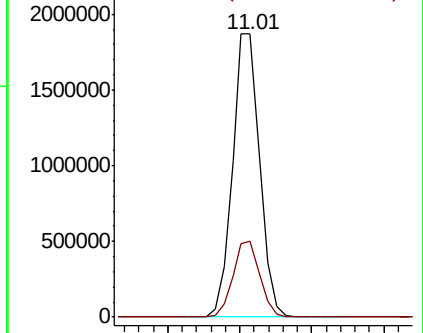
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.030 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Tgt Ion: 43 Resp: 1317121

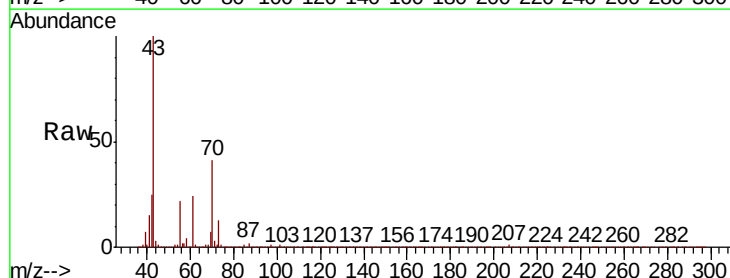
Ion Ratio Lower Upper

43 100

70 40.3 30.2 45.4

55 22.4 16.8 25.2

61 23.6 18.2 27.2

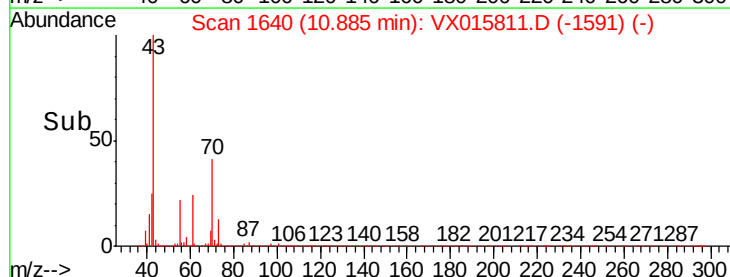
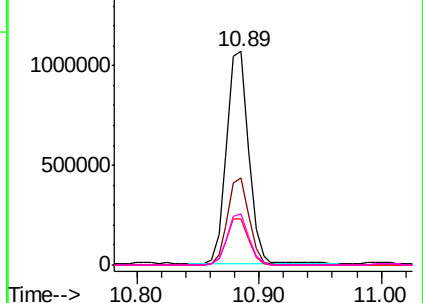


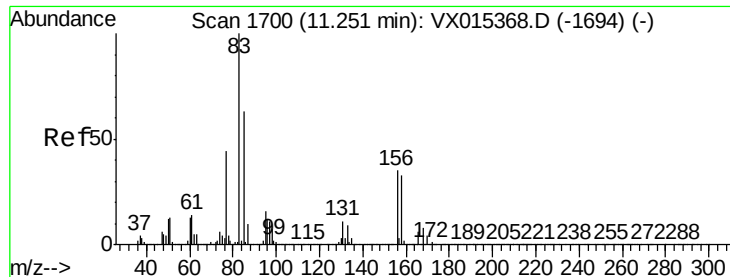
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 39.236 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

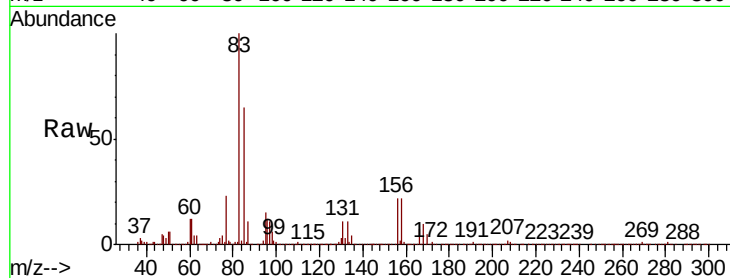
Tot Ion: 83 Resp: 590108

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

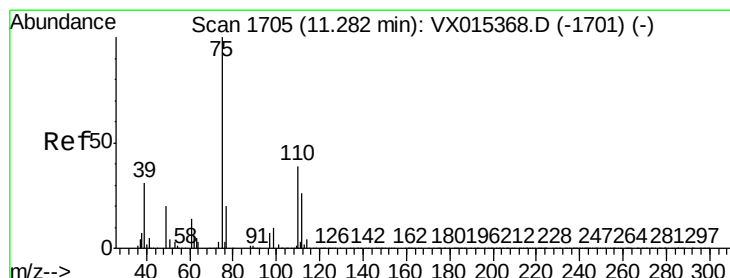
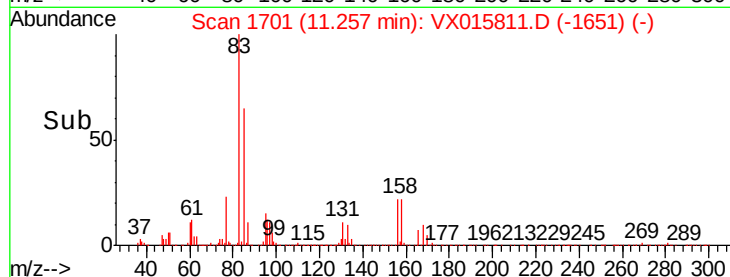
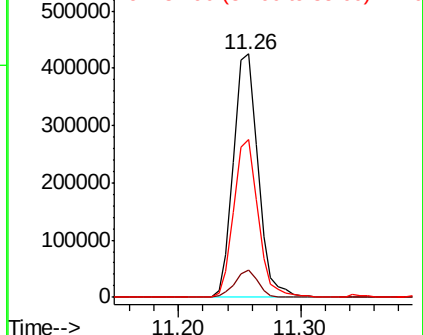
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 73.564 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015811.D

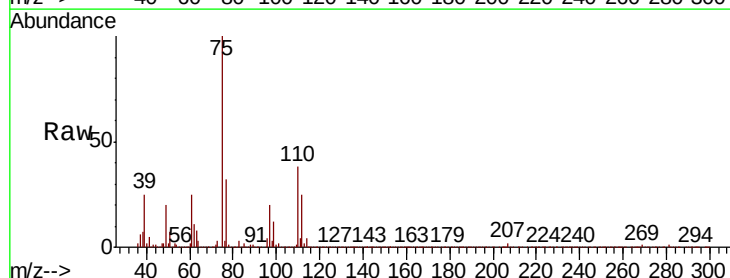
Acq: 21 Apr 2020 21:56

Tgt Ion: 75 Resp: 1011975

Ion Ratio Lower Upper

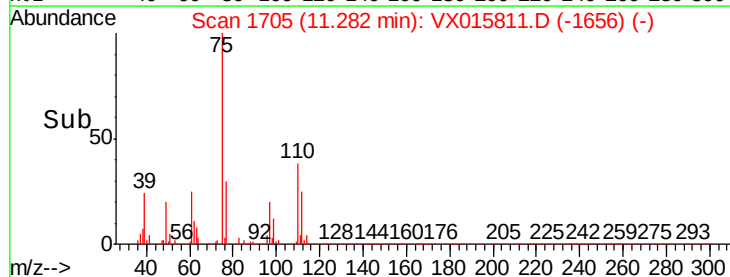
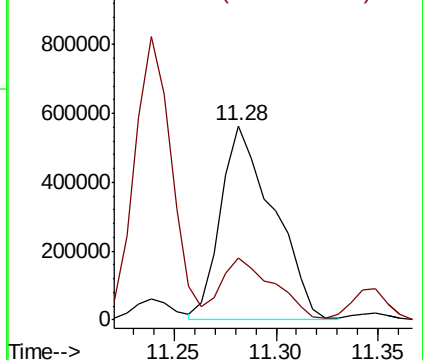
75 100

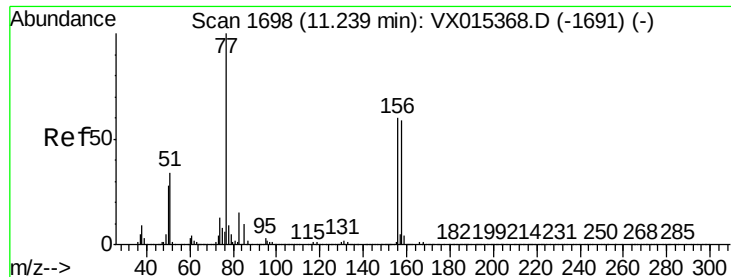
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 57.754 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

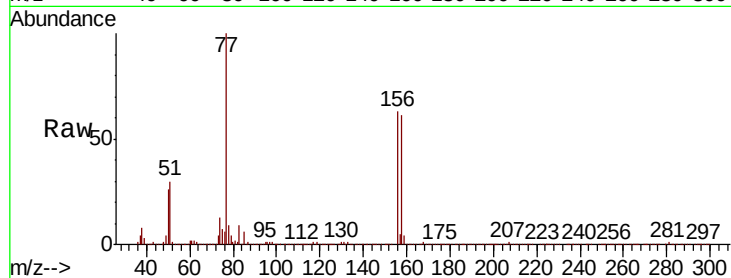
Tot Ion:156 Resp: 675223

Ion Ratio Lower Upper

156 100

77 153.2 82.2 246.5

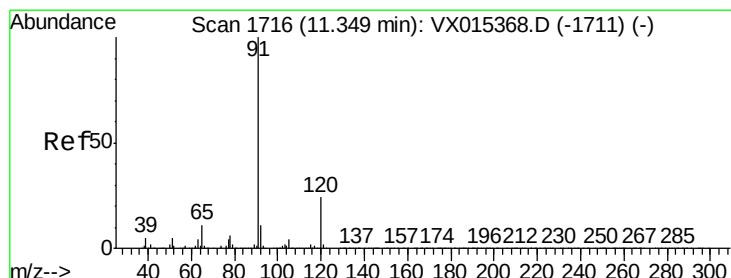
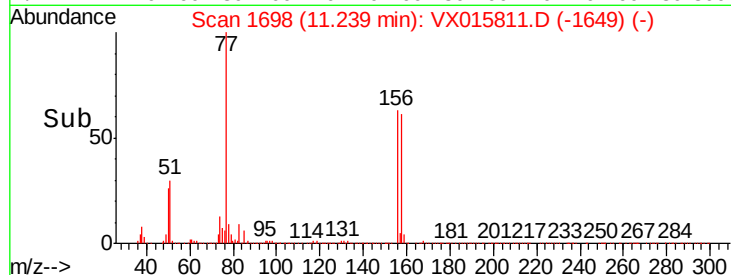
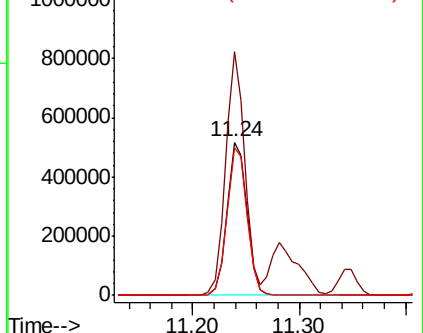
158 97.0 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.190 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015811.D

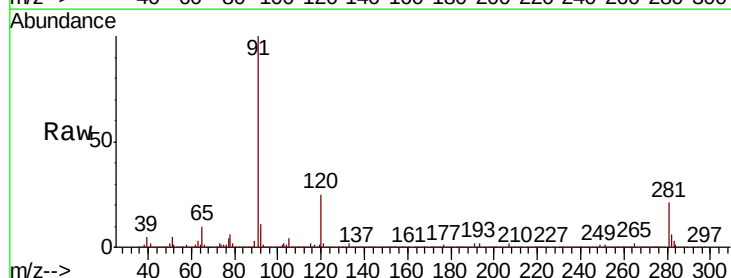
Acq: 21 Apr 2020 21:56

Tgt Ion: 91 Resp: 2766075

Ion Ratio Lower Upper

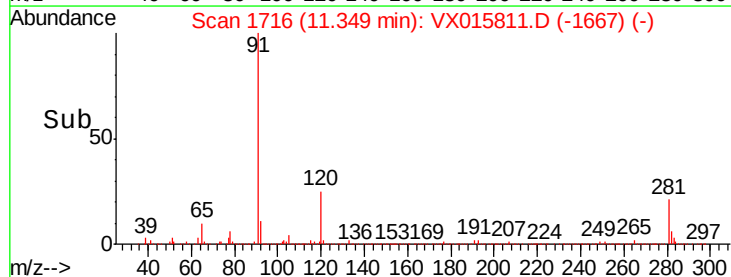
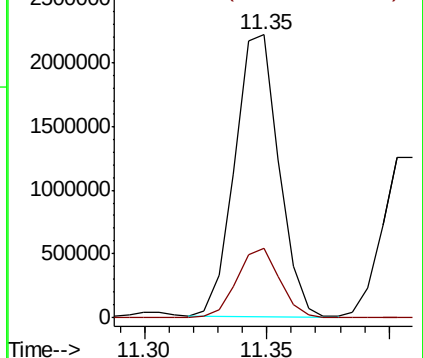
91 100

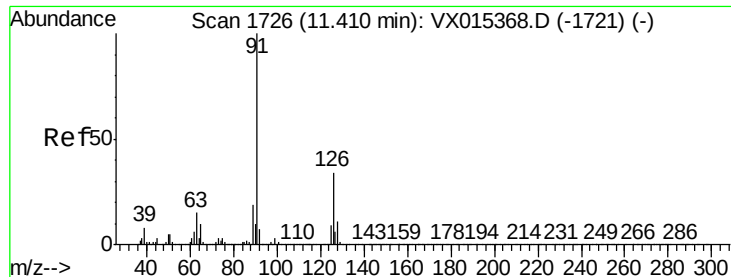
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

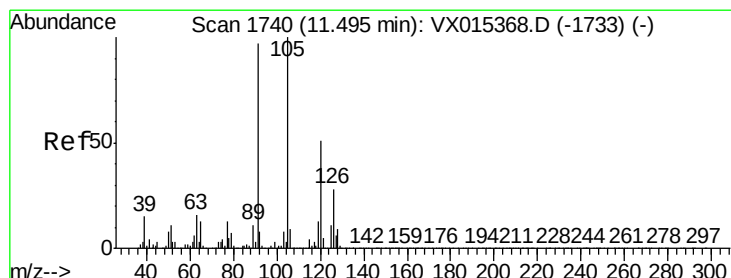
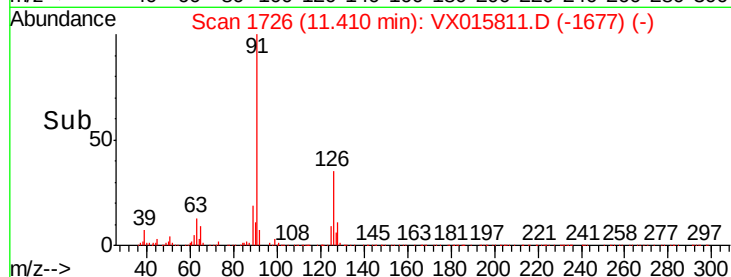
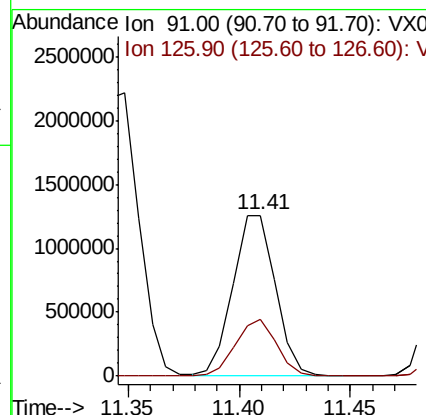
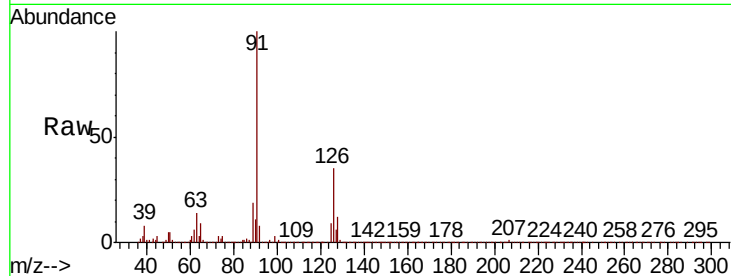




#79
 2-Chlorotoluene
 Concen: 54.483 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

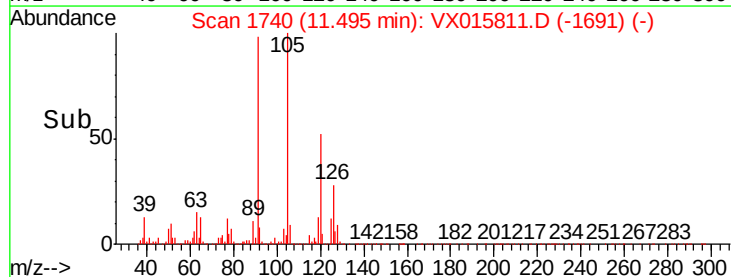
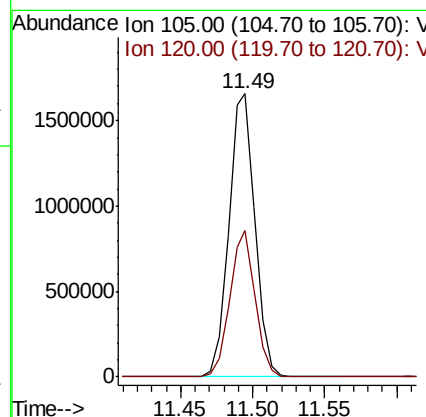
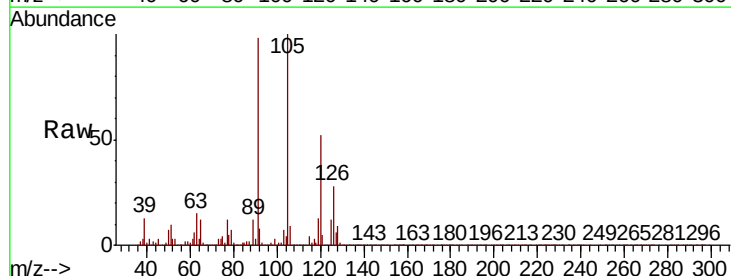
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

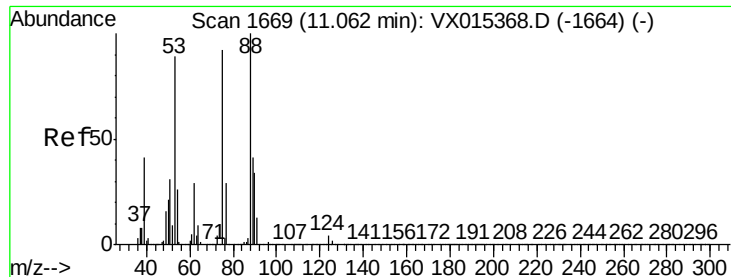
Tot Ion: 91 Resp: 1673691
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 56.151 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 105 Resp: 2101903
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4

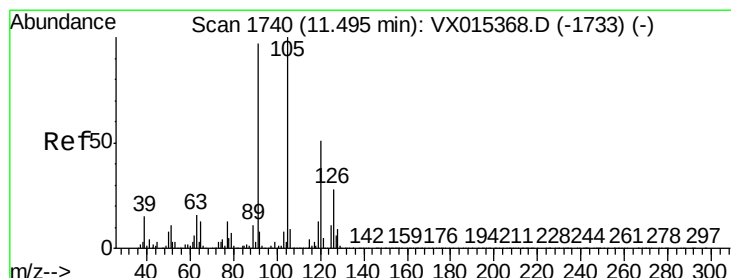
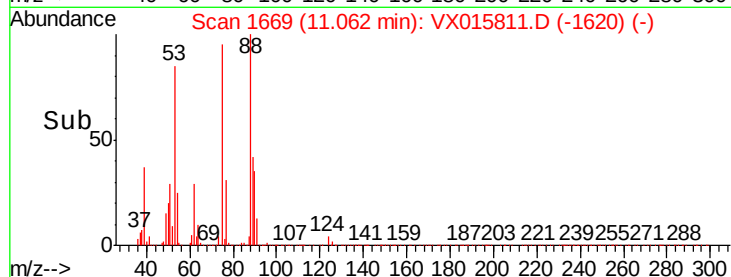
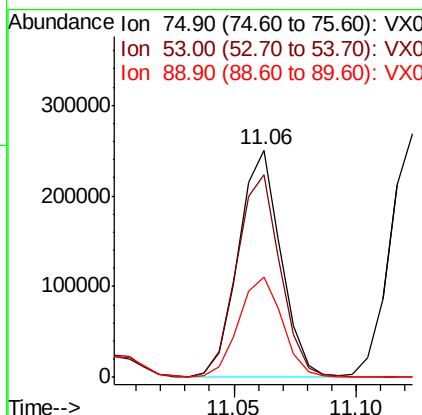
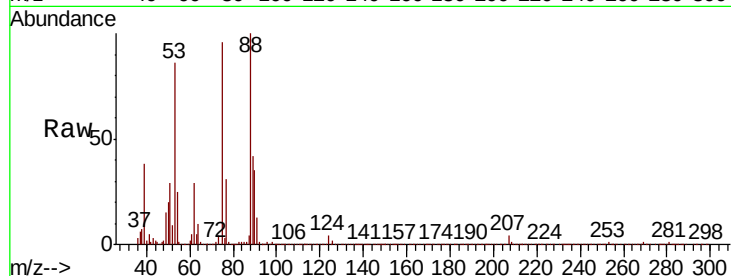




#81
trans-1,4-Dichloro-2-butene
Concen: 52.073 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

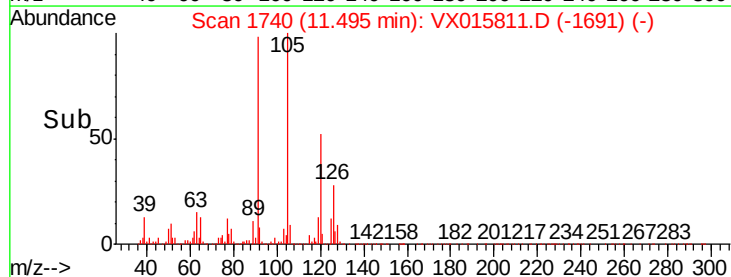
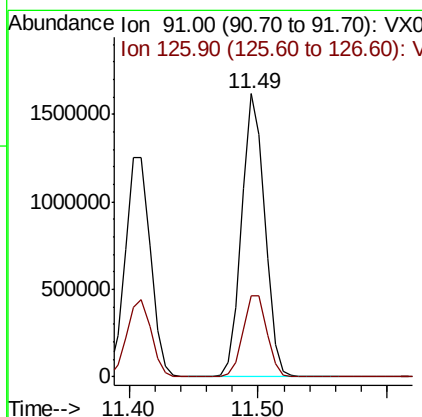
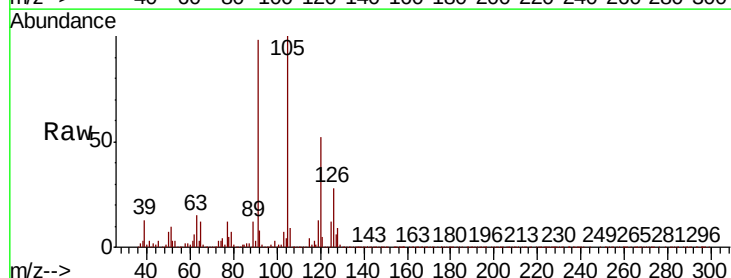
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

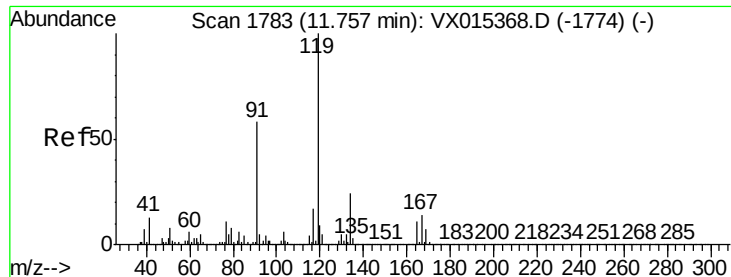
Tot Ion: 75 Resp: 298537
Ion Ratio Lower Upper
75 100
53 92.4 80.1 120.1
89 45.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 55.682 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion: 91 Resp: 2005265
Ion Ratio Lower Upper
91 100
126 29.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 51.773 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

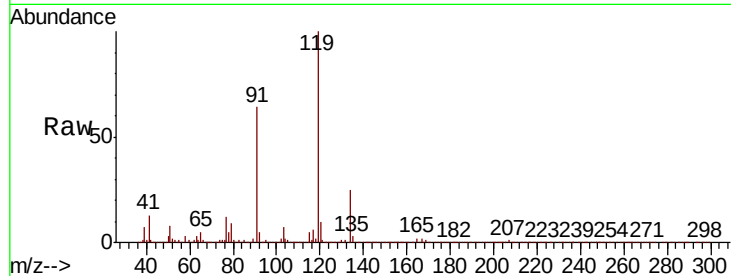
Tot Ion:119 Resp: 1893003

Ion Ratio Lower Upper

119 100

91 63.9 28.6 85.8

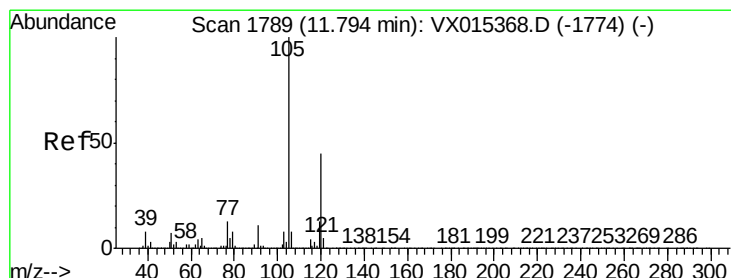
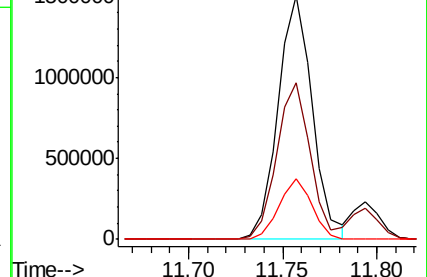
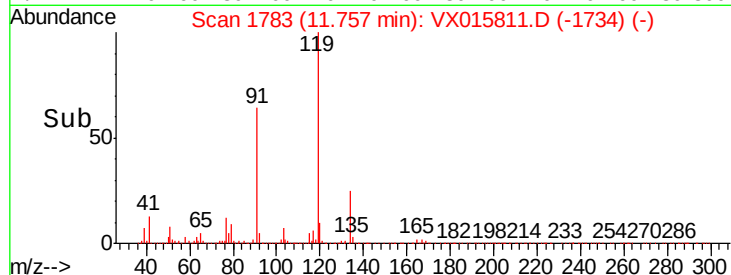
134 24.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.209 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015811.D

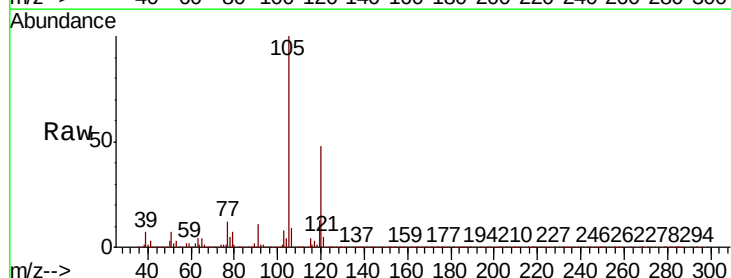
Acq: 21 Apr 2020 21:56

Tgt Ion:105 Resp: 2144130

Ion Ratio Lower Upper

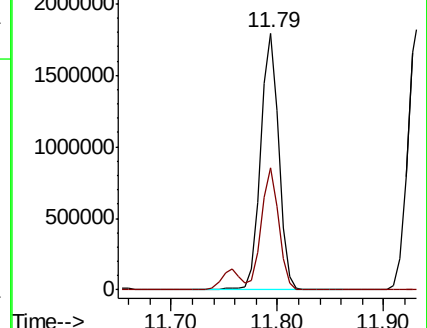
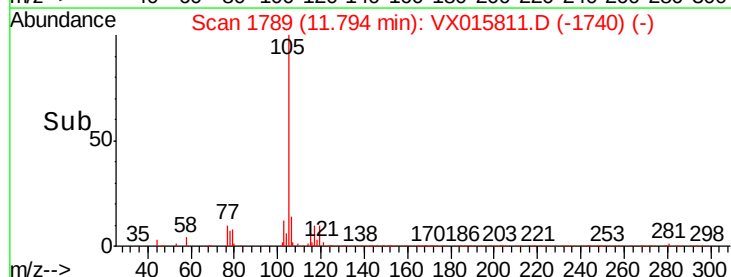
105 100

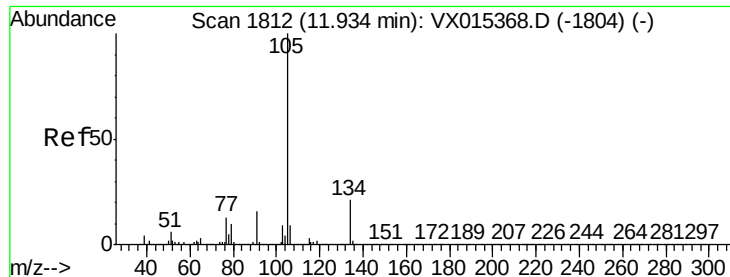
120 46.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

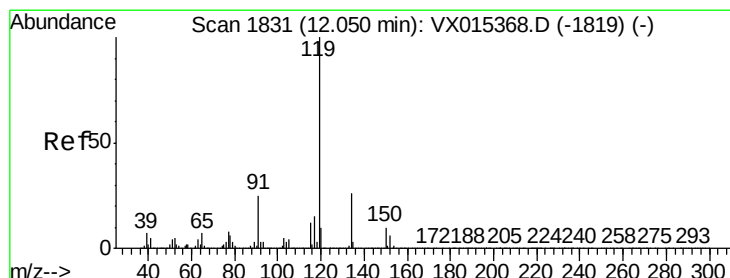
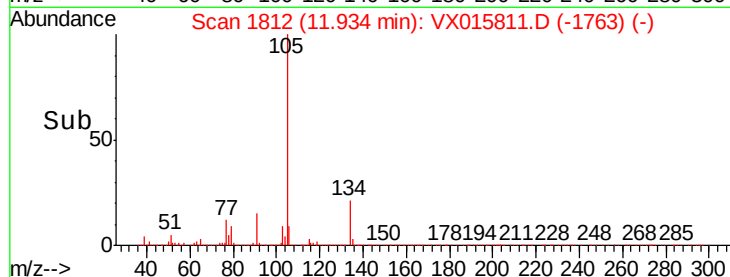
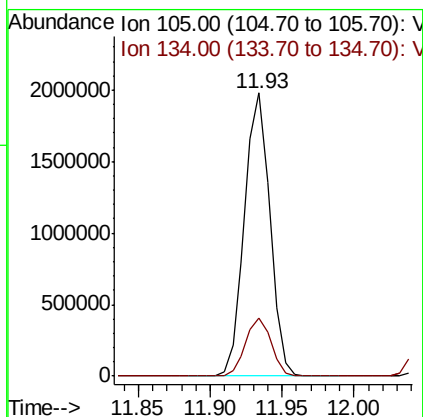
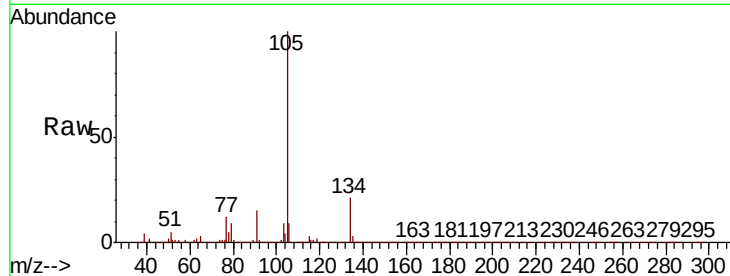




#85
 sec-Butylbenzene
 Concen: 57.354 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

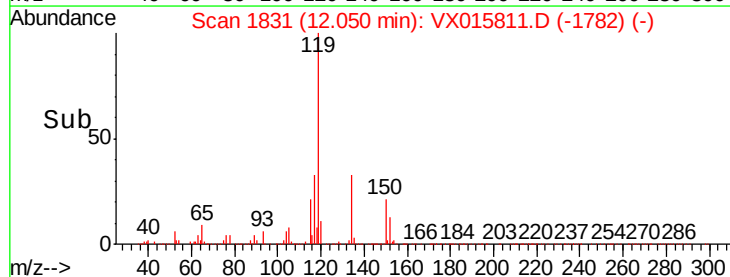
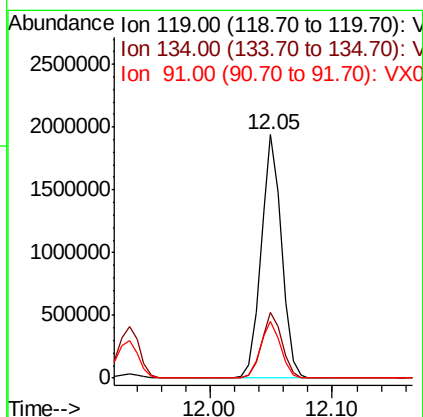
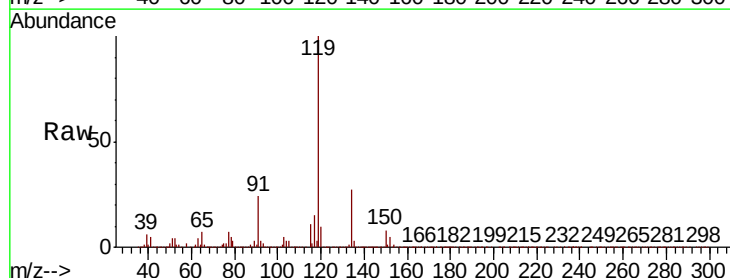
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

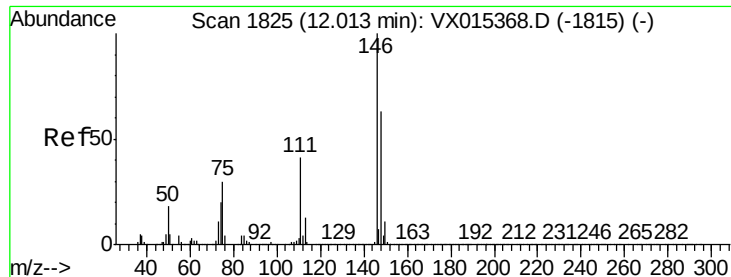
Tot Ion:105 Resp: 2425336
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 57.540 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion:119 Resp: 2258899
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 57.040 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

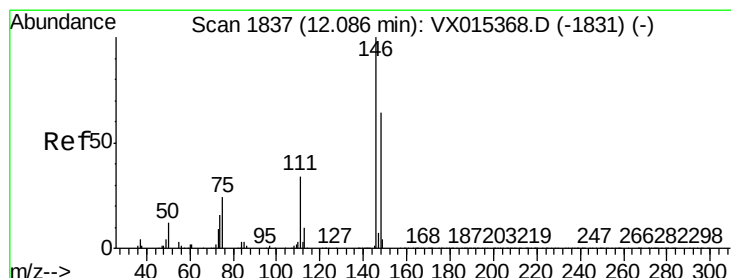
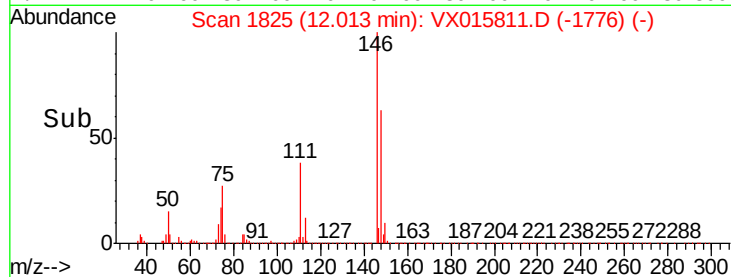
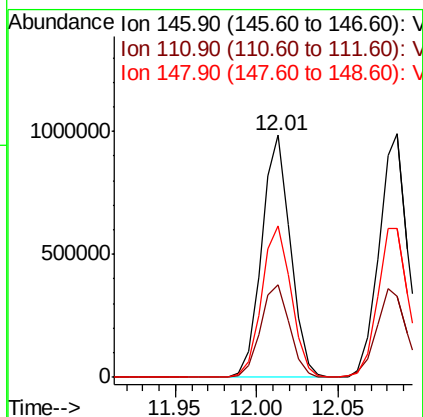
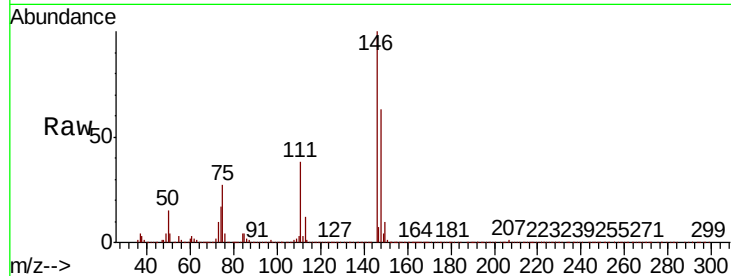
Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 1193827

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	64.1	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 56.298 ug/l

RT: 12.09 min Scan# 1837

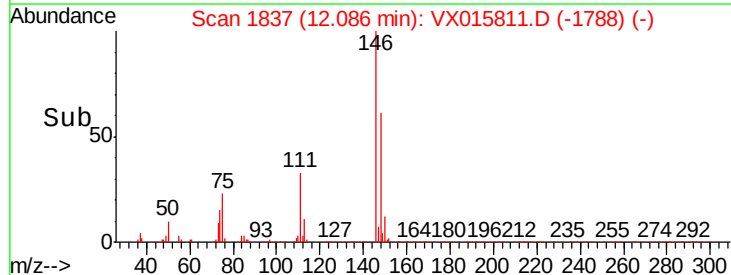
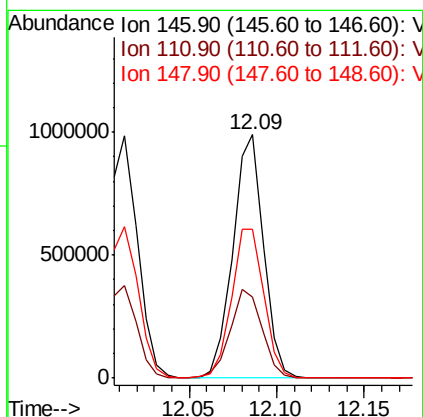
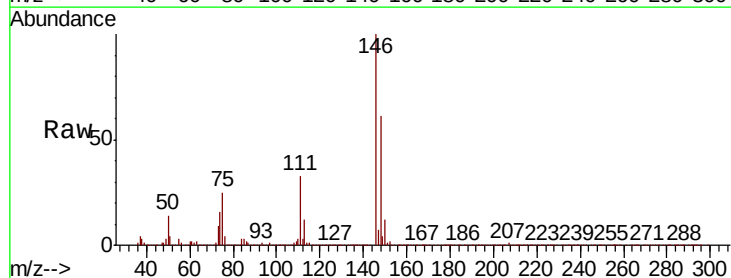
Delta R.T. -0.00 min

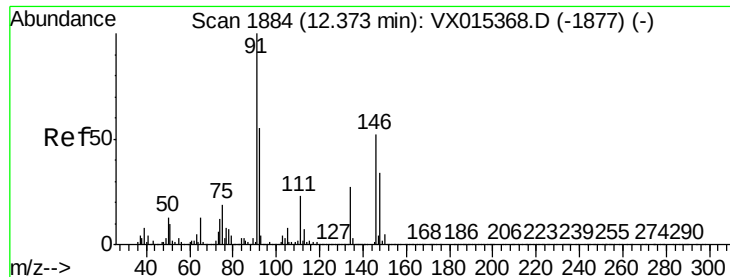
Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Tgt Ion:146 Resp: 1200206

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	65.2	32.4	97.2





#89

n-Butylbenzene

Concen: 55.839 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015811.D

Acq: 21 Apr 2020 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

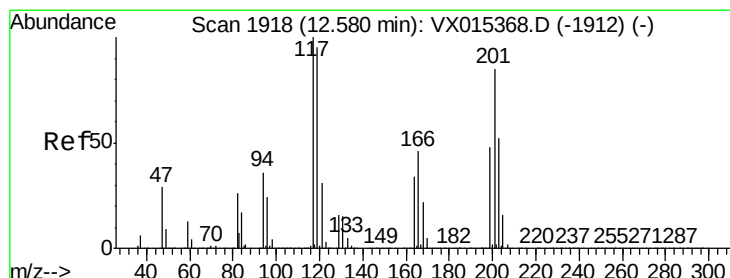
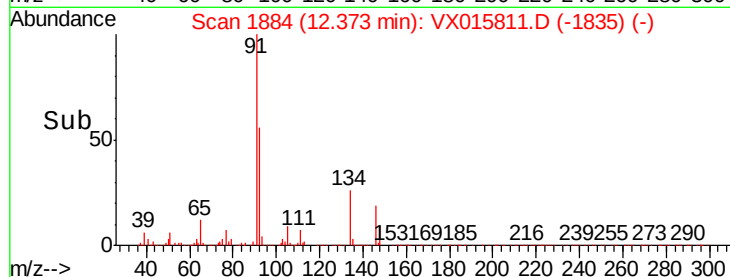
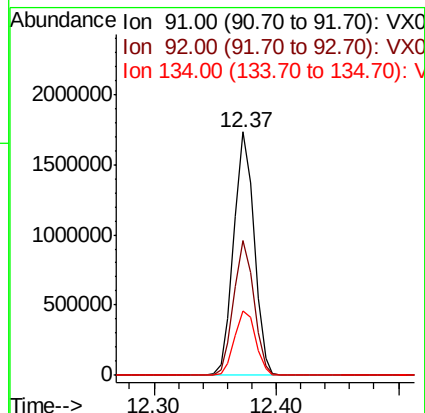
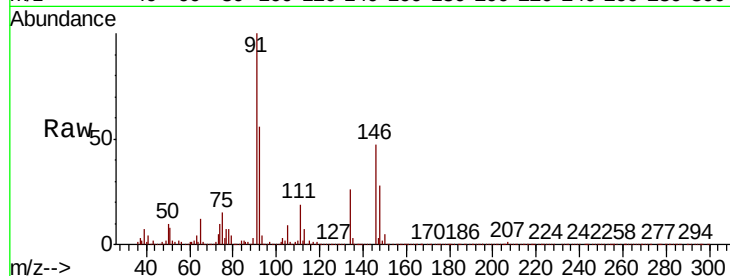
Tot Ion: 91 Resp: 1980954

Ion Ratio Lower Upper

91 100

92 55.3 27.2 81.5

134 27.6 13.4 40.2



#90

Hexachloroethane

Concen: 29.717 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015811.D

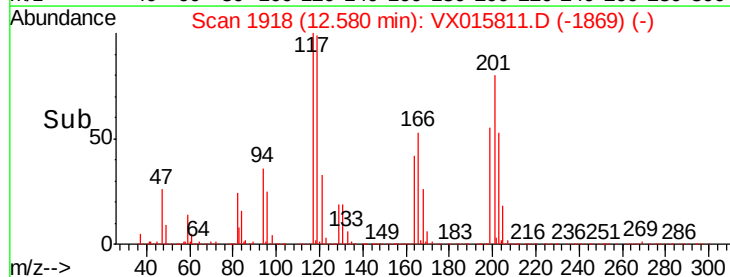
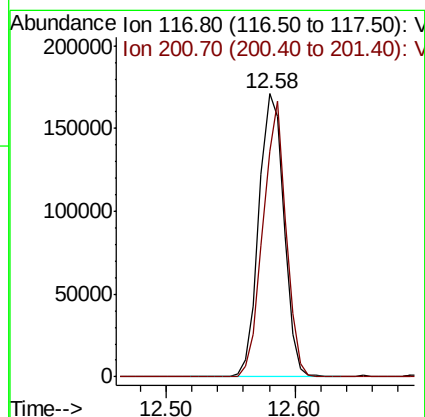
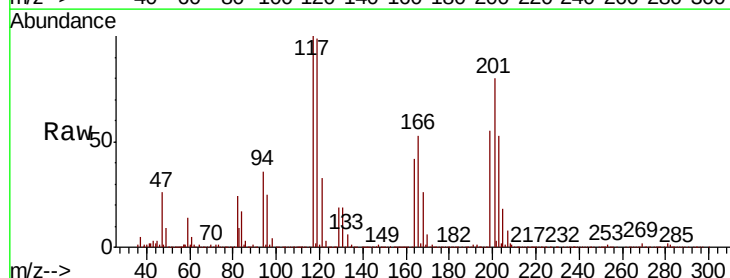
Acq: 21 Apr 2020 21:56

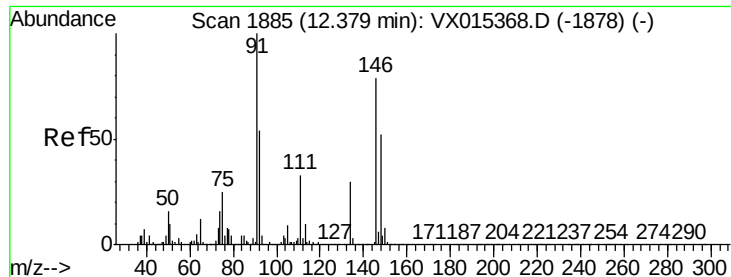
Tgt Ion: 117 Resp: 227067

Ion Ratio Lower Upper

117 100

201 90.1 42.6 128.0

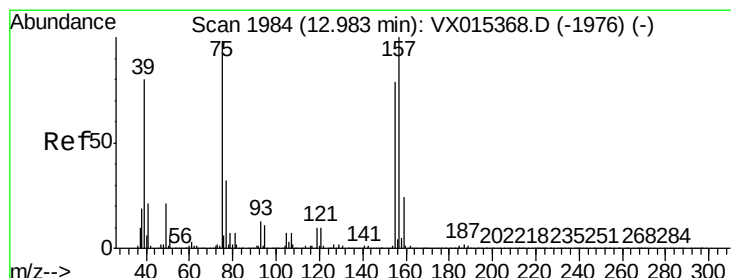
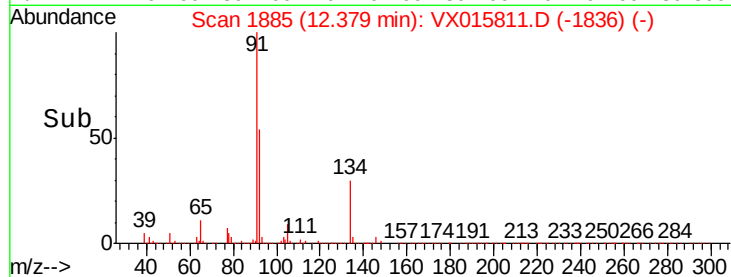
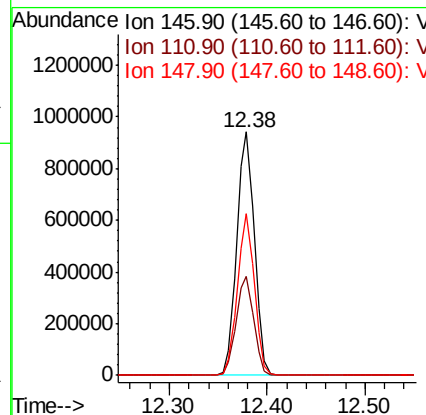
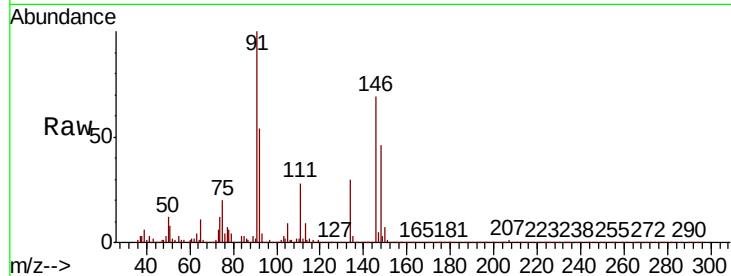




#91
 1,2-Dichlorobenzene
 Concen: 57.567 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

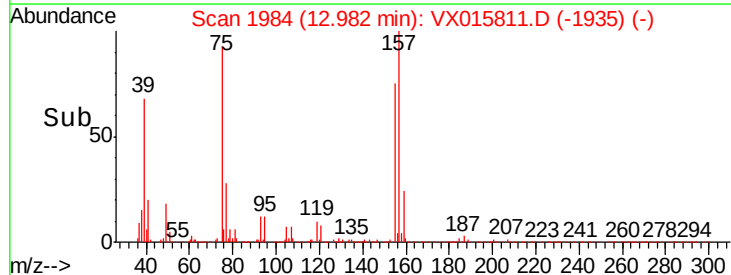
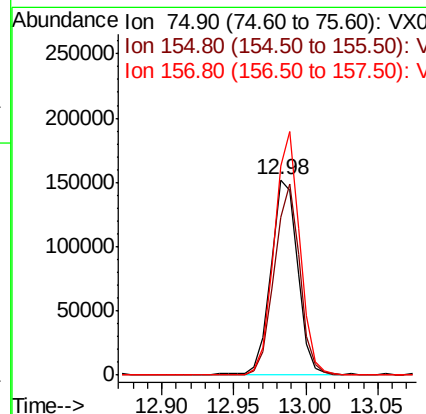
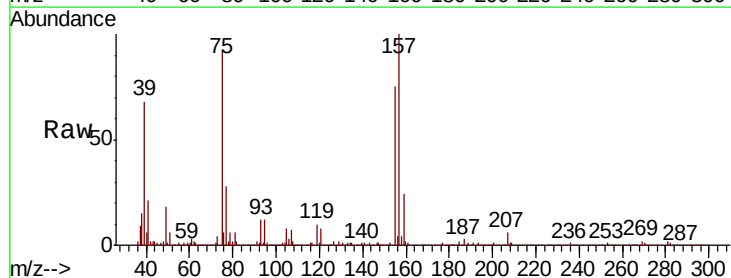
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

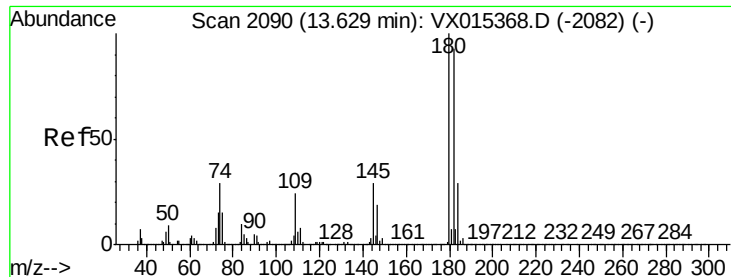
Tot Ion:146 Resp: 1179113
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.0 63.0
 148 63.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.339 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion: 75 Resp: 192459
 Ion Ratio Lower Upper
 75 100
 155 94.7 42.8 128.4
 157 121.0 53.4 160.3

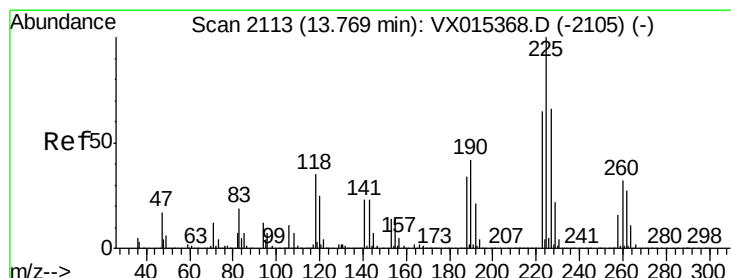
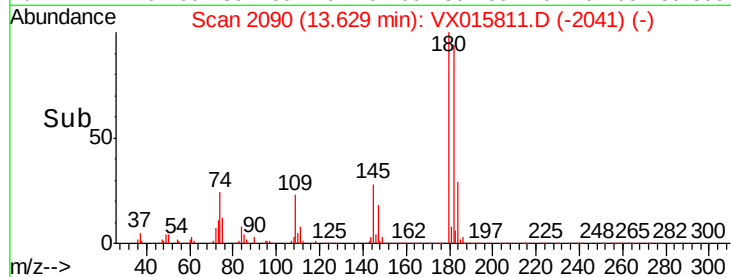
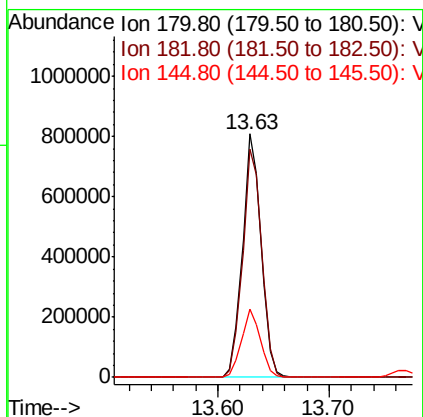
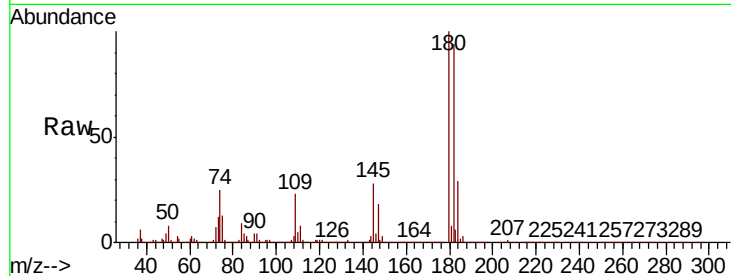




#93
 1,2,4-Trichlorobenzene
 Concen: 57.632 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

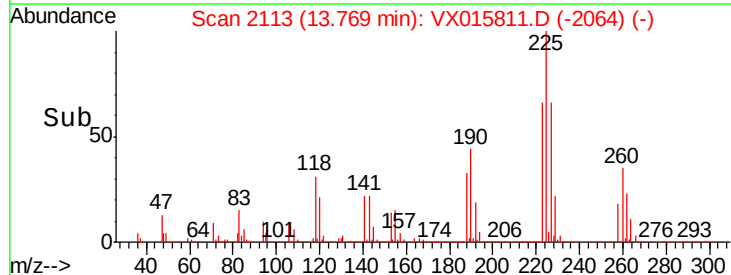
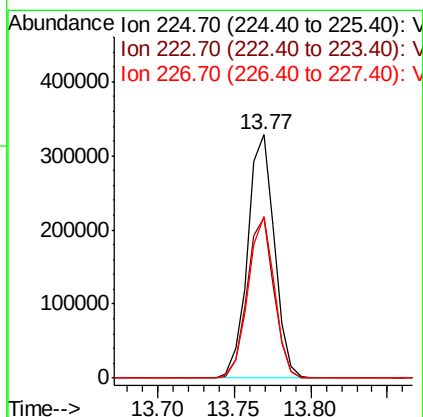
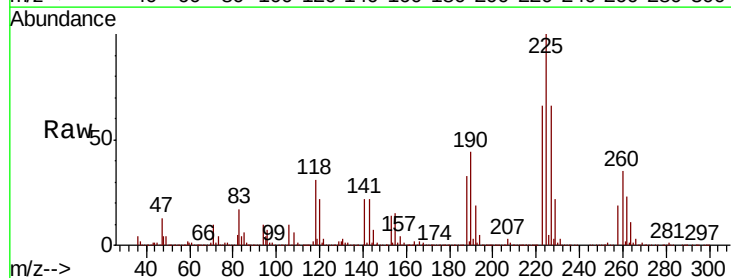
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

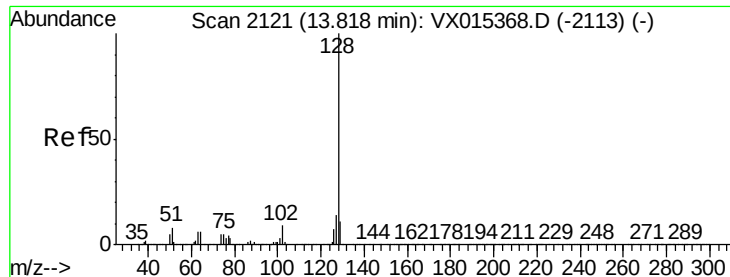
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.7
145	28.4	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 51.467 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015811.D
 Acq: 21 Apr 2020 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.9	95.7
227	65.6	30.4	91.3

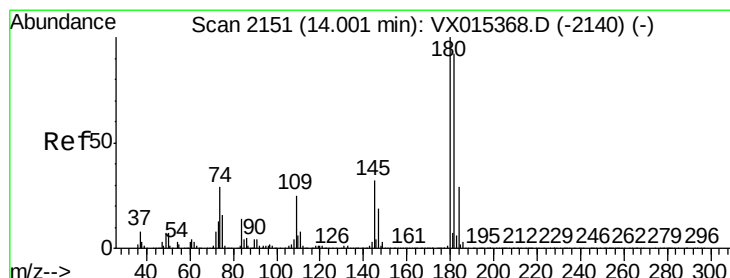
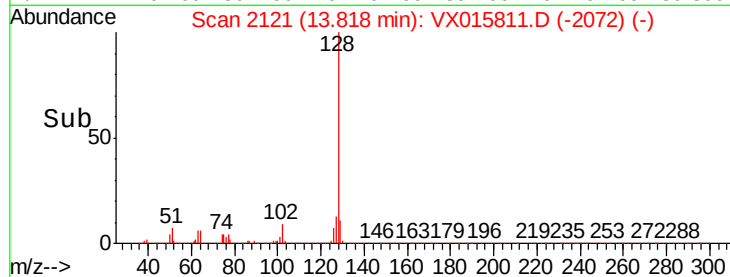
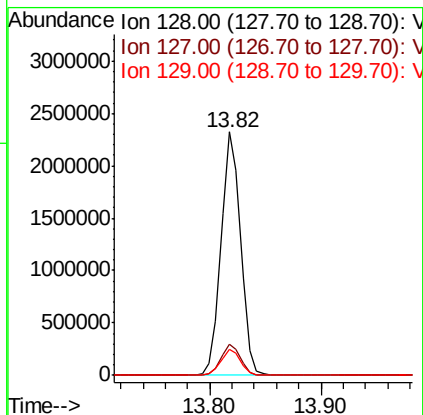
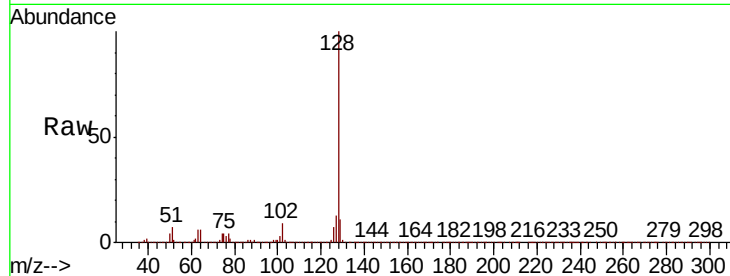




#95
Naphthalene
Concen: 57.184 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2826067
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.988 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015811.D
Acq: 21 Apr 2020 21:56

Tgt Ion:180 Resp: 904541
Ion Ratio Lower Upper
180 100
182 94.5 46.7 140.0
145 31.5 15.8 47.3

