

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014809.D
 Acq On : 04 Feb 2020 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 03:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	435618	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	643218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	583259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307830	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	251354	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
35) Dibromofluoromethane	5.48	113	206124	50.79	ug/l	0.00
Spiked Amount						
			Recovery	=	101.58%	
50) Toluene-d8	8.71	98	779433	49.95	ug/l	0.00
Spiked Amount						
			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	283157	50.94	ug/l	0.00
Spiked Amount						
			Recovery	=	101.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	249003	42.664	ug/l	99
3) Chloromethane	1.32	50	239335	40.612	ug/l	100
4) Vinyl Chloride	1.40	62	289150	45.379	ug/l	100
5) Bromomethane	1.63	94	180067	41.605	ug/l	99
6) Chloroethane	1.72	64	159949	43.701	ug/l	98
7) Trichlorofluoromethane	1.92	101	337573	45.499	ug/l	98
8) Diethyl Ether	2.18	74	142682	44.059	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201475	46.258	ug/l	99
10) Methyl Iodide	2.50	142	270508	47.333	ug/l	98
11) Tert butyl alcohol	3.03	59	234403	205.241	ug/l	98
12) 1,1-Dichloroethene	2.36	96	191162	44.144	ug/l	95
13) Acrolein	2.28	56	230279	255.722	ug/l	98
14) Allyl chloride	2.72	41	350355	45.012	ug/l	97
15) Acrylonitrile	3.12	53	593769	224.698	ug/l	99
16) Acetone	2.43	43	608278	218.196	ug/l	99
17) Carbon Disulfide	2.56	76	476259	40.240	ug/l	99
18) Methyl Acetate	2.76	43	365802	45.966	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	675408	47.618	ug/l	99
20) Methylene Chloride	2.85	84	222151	43.061	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	207767	43.575	ug/l	98
22) Diisopropyl ether	3.84	45	718893	46.422	ug/l	95
23) Vinyl Acetate	3.80	43	2864873	242.686	ug/l	99
24) 1,1-Dichloroethane	3.69	63	386059	45.904	ug/l	100
25) 2-Butanone	4.65	43	869279	217.618	ug/l	100
26) 2,2-Dichloropropane	4.57	77	325574	48.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242792	45.497	ug/l	100
28) Bromochloromethane	5.00	49	159974	43.287	ug/l	98
29) Tetrahydrofuran	5.11	42	532504	224.607	ug/l	99
30) Chloroform	5.19	83	387509	46.514	ug/l	99
31) Cyclohexane	5.57	56	347279	43.903	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	330925	46.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287847	48.161	ug/l	99
37) Ethyl Acetate	4.81	43	325877	47.605	ug/l	99
38) Carbon Tetrachloride	5.77	117	284362	49.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	361975	48.344	ug/l	95
40) Benzene	6.13	78	866222	46.906	ug/l	99
41) Methacrylonitrile	5.02	41	181604	46.483	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310618	48.708	ug/l	100
43) Isopropyl Acetate	6.43	43	530727	47.346	ug/l	99
44) Trichloroethene	7.20	130	244343	46.843	ug/l	95
45) 1,2-Dichloropropane	7.50	63	229816	48.306	ug/l	99
46) Dibromomethane	7.65	93	148250	48.114	ug/l	98
47) Bromodichloromethane	7.89	83	305664	50.579	ug/l	100
48) Methyl methacrylate	7.76	41	266311	49.723	ug/l	98
49) 1,4-Dioxane	7.73	88	95250	838.964	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1660435	234.691	ug/l	99
52) Toluene	8.78	92	552835	48.700	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	338890	52.079	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369567	51.626	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227651	48.982	ug/l	97
56) Ethyl methacrylate	9.17	69	363944	46.326	ug/l	99
57) 1,3-Dichloropropane	9.36	76	387634	48.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	591256	252.960	ug/l	100
59) 2-Hexanone	9.48	43	1284382	233.946	ug/l	99
60) Dibromochloromethane	9.57	129	247529	51.024	ug/l	100
61) 1,2-Dibromoethane	9.67	107	237144	48.259	ug/l	98
64) Tetrachloroethene	9.33	164	264076	45.739	ug/l	98
65) Chlorobenzene	10.13	112	604580	48.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	225699	49.067	ug/l	99
67) Ethyl Benzene	10.24	91	1071469	50.299	ug/l	99
68) m/p-Xylenes	10.35	106	819611	101.561	ug/l	99
69) o-Xylene	10.69	106	396955	50.951	ug/l	98
70) Styrene	10.71	104	688451	52.678	ug/l	99
71) Bromoform	10.85	173	190601	52.106	ug/l	# 99
73) Isopropylbenzene	11.01	105	1062962	49.110	ug/l	99
74) N-amyl acetate	10.89	43	476777	50.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	344708	44.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	411014	57.389	ug/l	91
77) Bromobenzene	11.25	156	280664	48.268	ug/l	96
78) n-propylbenzene	11.35	91	1214767	49.444	ug/l	99
79) 2-Chlorotoluene	11.42	91	715930	48.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	894457	49.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	119761	47.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	831485	49.131	ug/l	100
83) tert-Butylbenzene	11.76	119	840685	49.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	906140	50.288	ug/l	97
85) sec-Butylbenzene	11.94	105	1056376	51.083	ug/l	100
86) p-Isopropyltoluene	12.06	119	979534	51.254	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	499017	47.752	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	505386	48.280	ug/l	99
89) n-Butylbenzene	12.38	91	864994	51.968	ug/l	99
90) Hexachloroethane	12.59	117	174673	49.207	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500609	48.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75455	45.444	ug/l	94

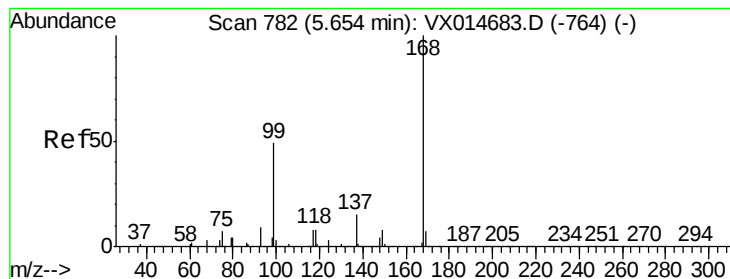
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	360348	53.851	ug/l	98
94) Hexachlorobutadiene	13.77	225	173782	50.458	ug/l	97
95) Naphthalene	13.83	128	1053410	48.840	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	351244	51.912	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

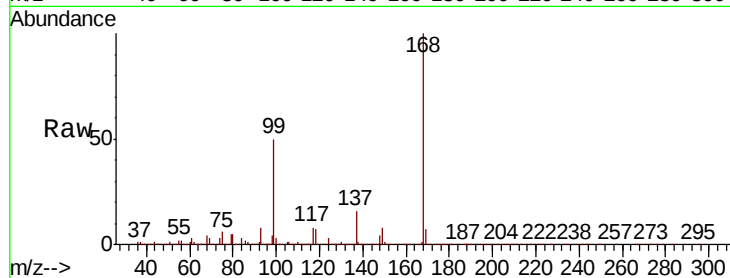
VSTDCCC050EC

Tot Ion:168 Resp: 435618

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

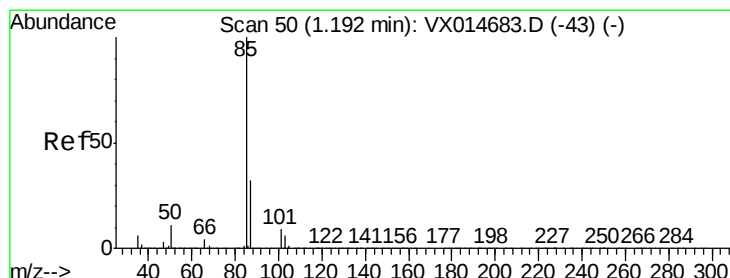
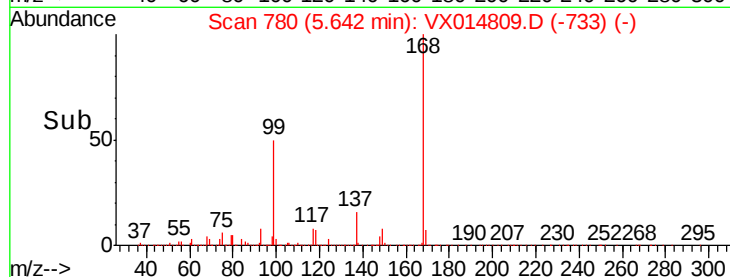
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.664 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014809.D

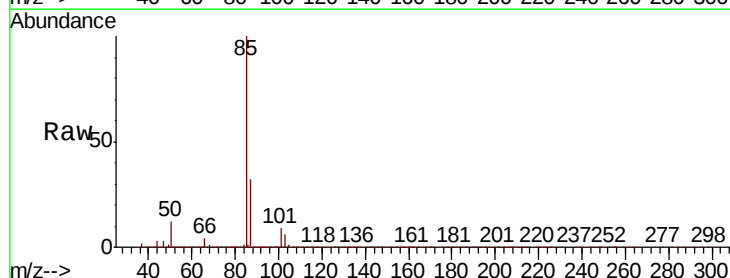
Acq: 04 Feb 2020 16:56

Tgt Ion: 85 Resp: 249003

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

150000

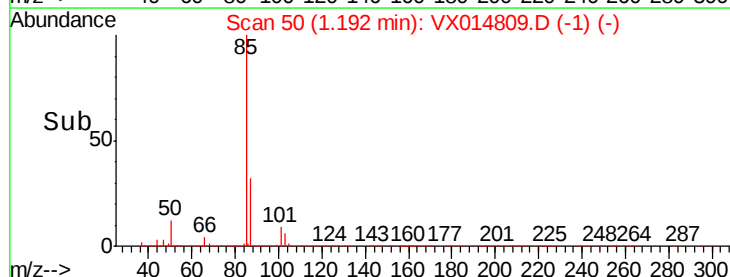
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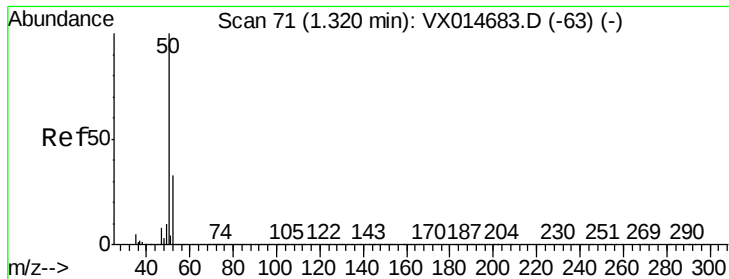
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.612 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

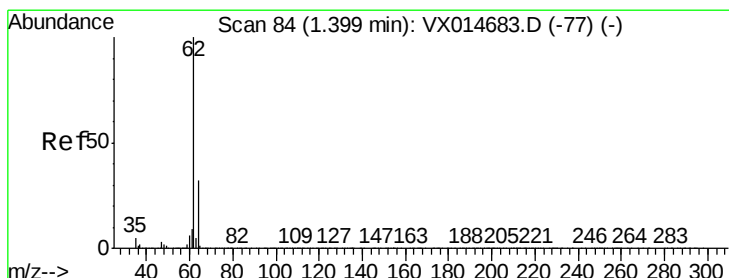
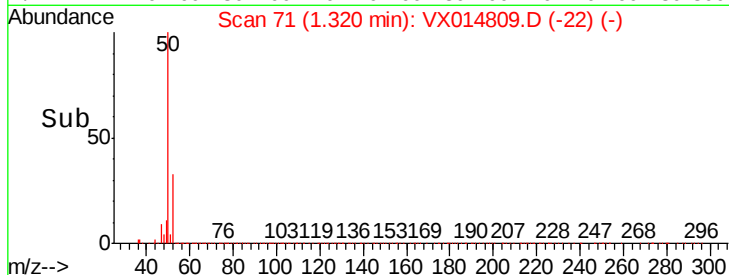
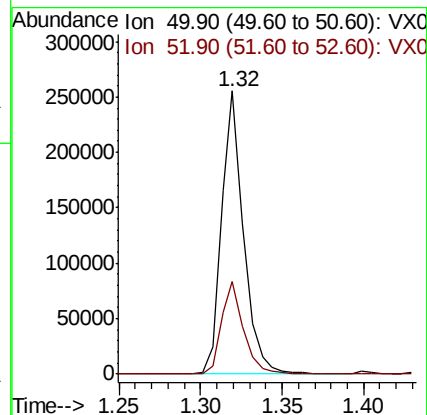
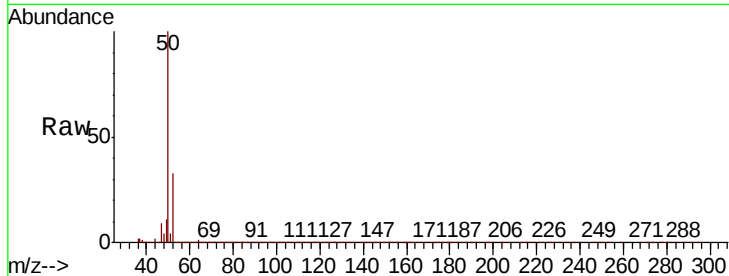
VSTDCCC050EC

Tot Ion: 50 Resp: 239335

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 45.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014809.D

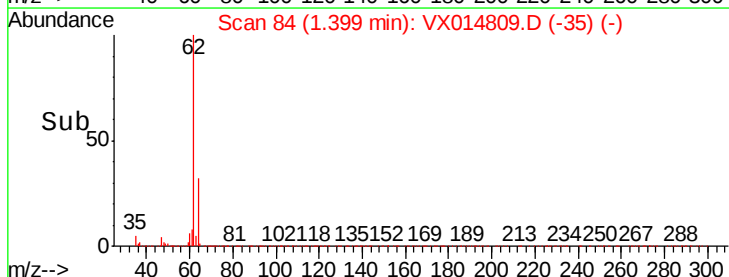
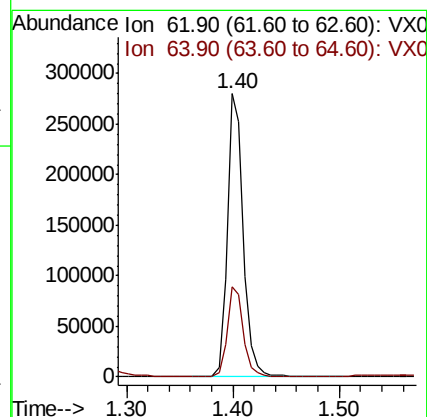
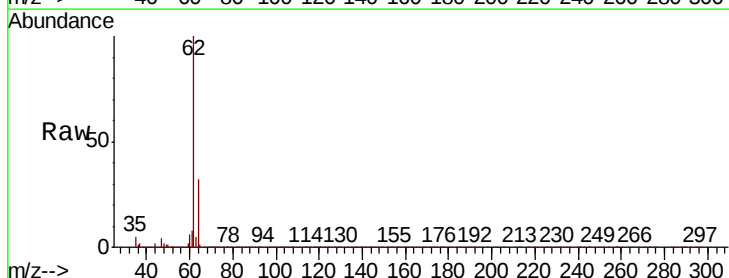
Acq: 04 Feb 2020 16:56

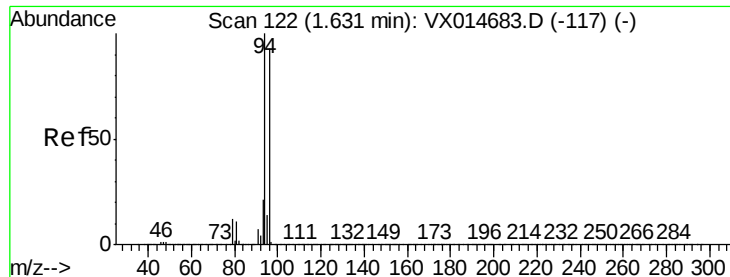
Tgt Ion: 62 Resp: 289150

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 41.605 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

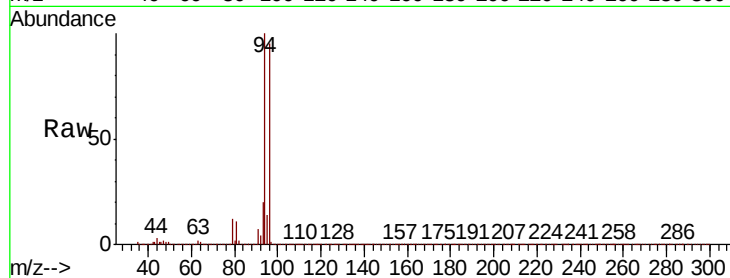
VSTDCCC050EC

Tot Ion: 94 Resp: 180067

Ion Ratio Lower Upper

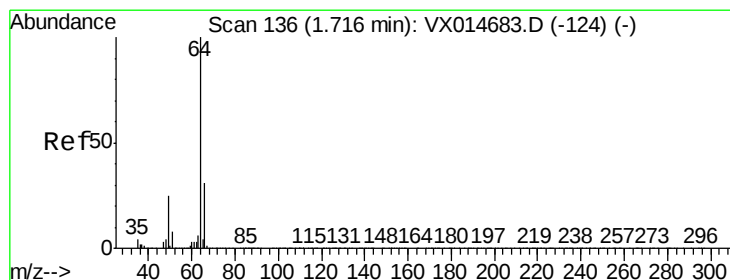
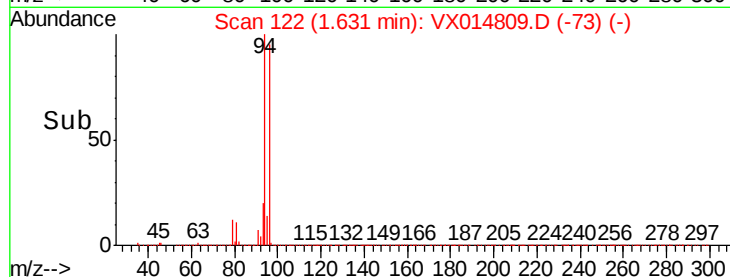
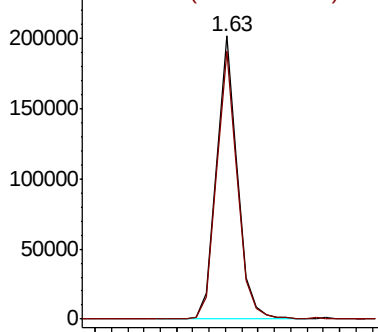
94 100

96 94.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.701 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014809.D

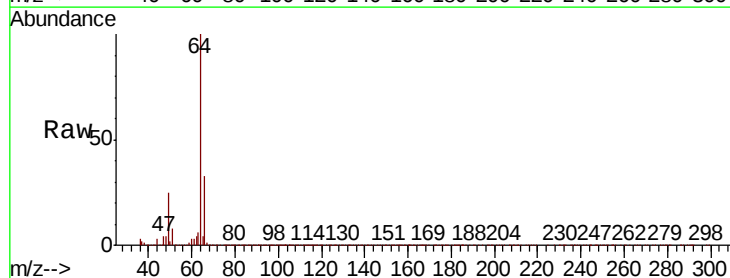
Acq: 04 Feb 2020 16:56

Tgt Ion: 64 Resp: 159949

Ion Ratio Lower Upper

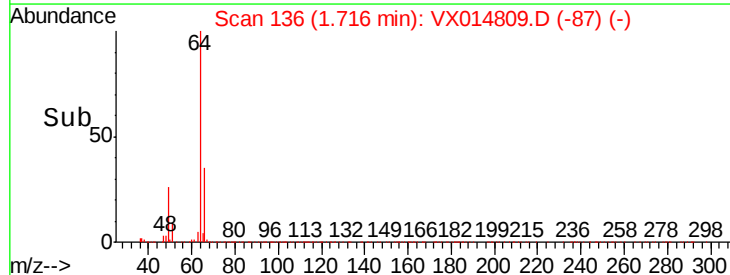
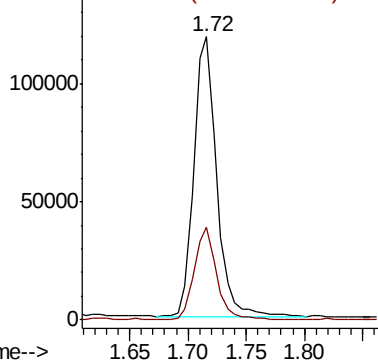
64 100

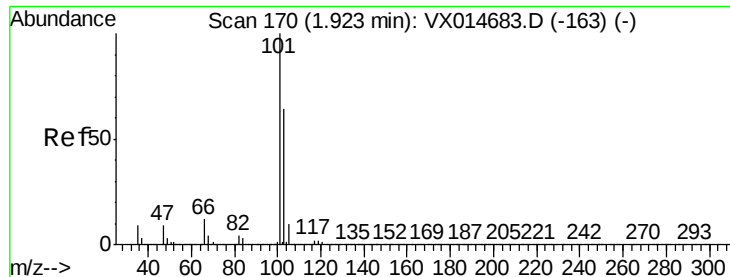
66 32.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



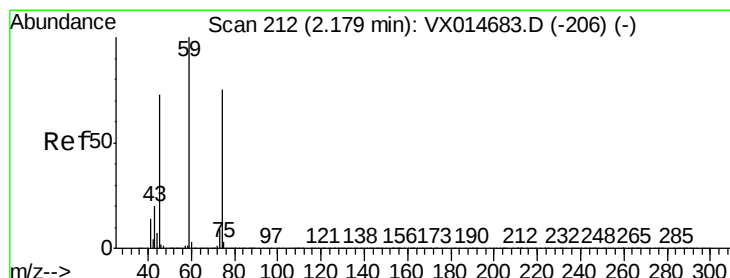
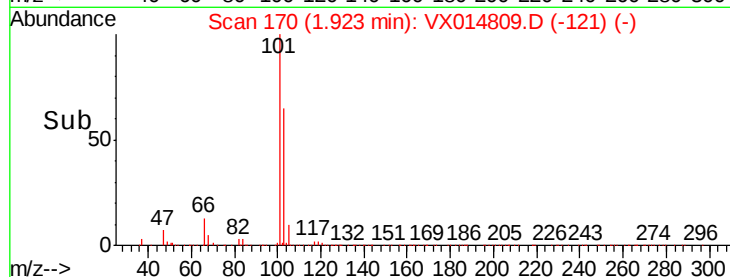
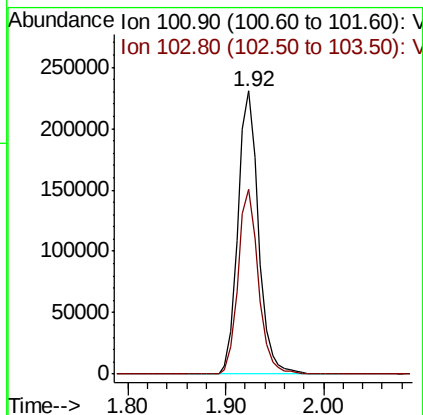
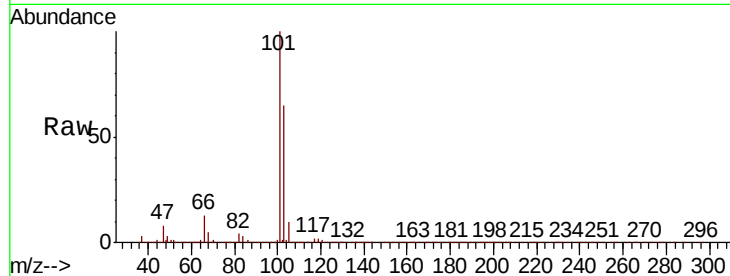


#7

Trichlorofluoromethane
Concen: 45.499 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

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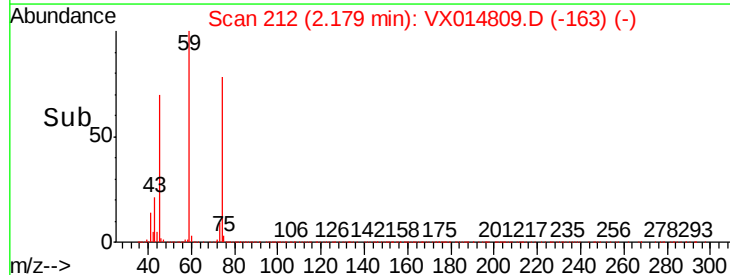
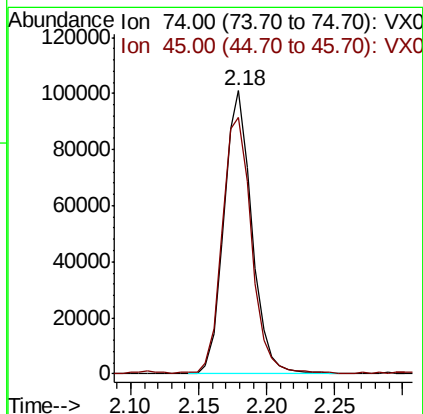
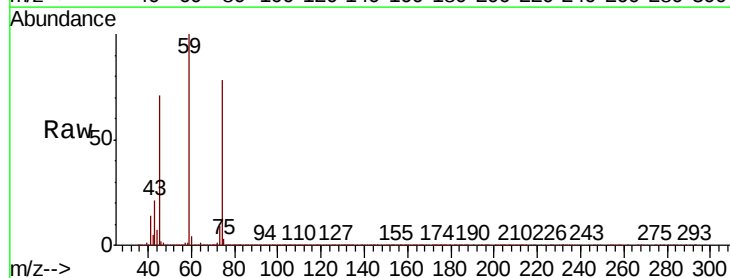
Tot Ion:101 Resp: 337573
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

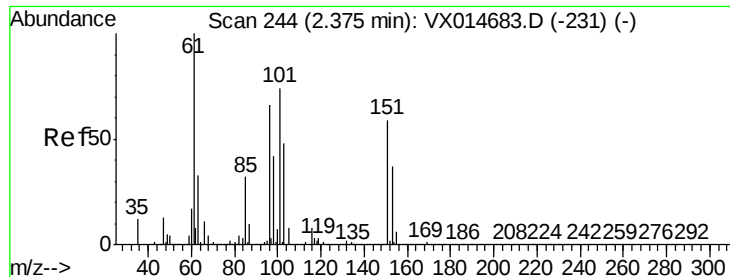


#8

Diethyl Ether
Concen: 44.059 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 74 Resp: 142682
Ion Ratio Lower Upper
74 100
45 95.1 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.258 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

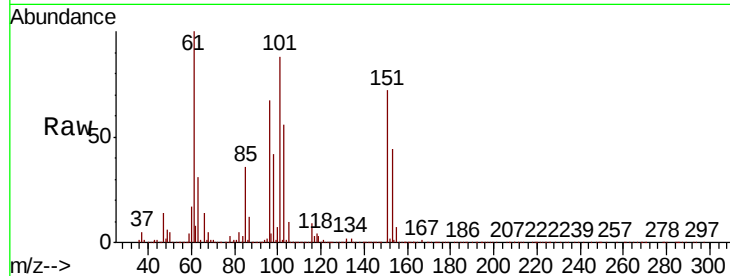
Tot Ion:101 Resp: 201475

Ion Ratio Lower Upper

101 100

85 42.4 34.7 52.1

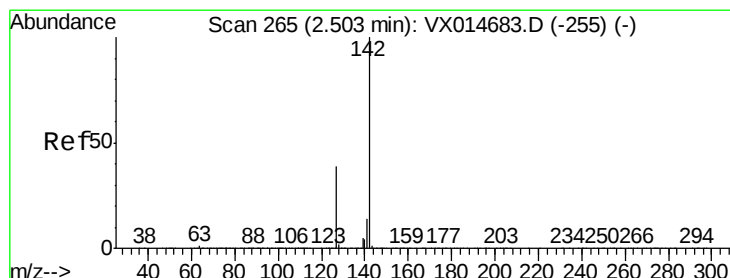
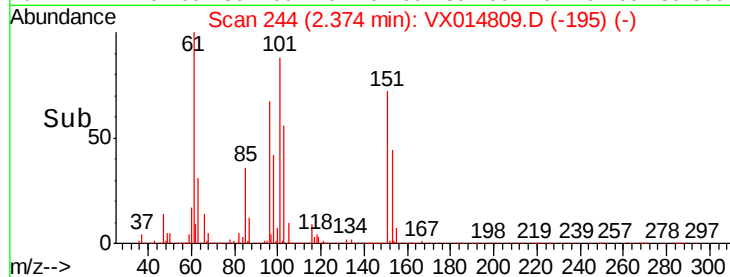
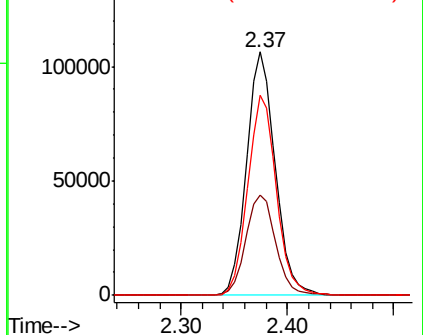
151 81.7 64.7 97.1



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: 47.333 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

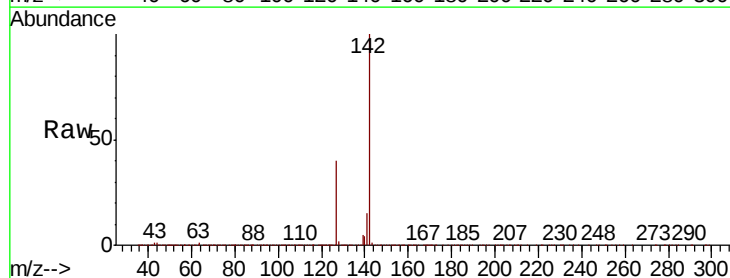
Tgt Ion:142 Resp: 270508

Ion Ratio Lower Upper

142 100

127 40.1 31.1 46.7

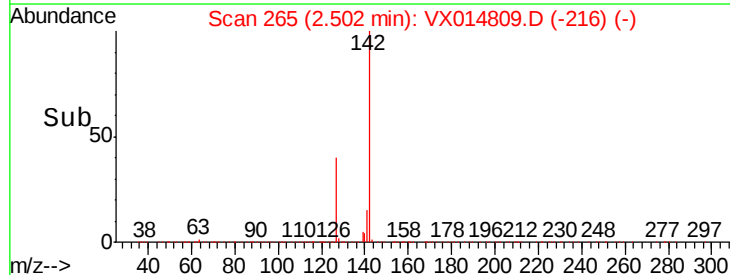
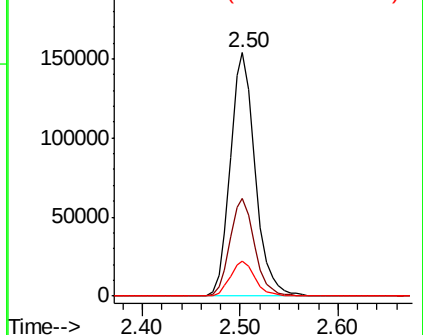
141 14.5 11.3 16.9

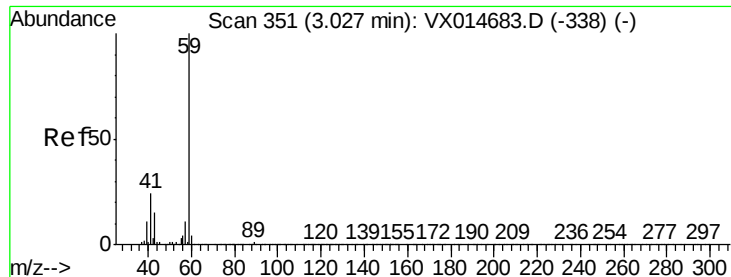


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

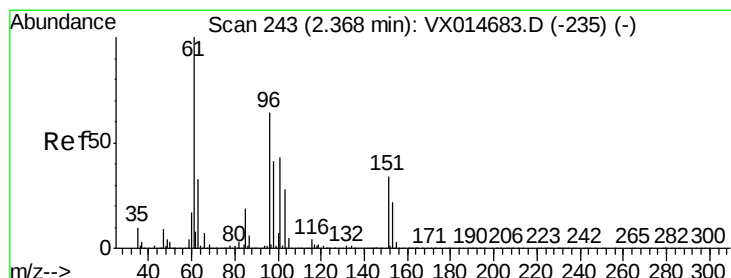
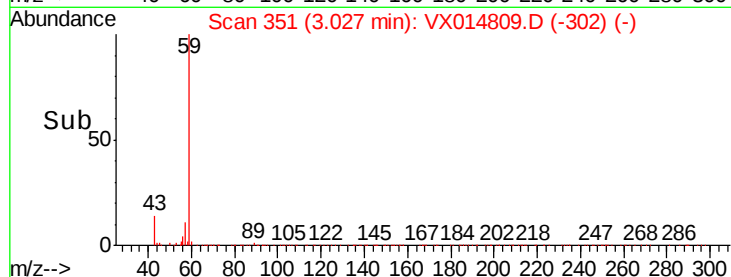
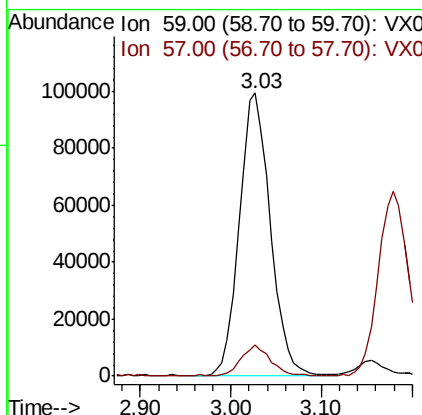
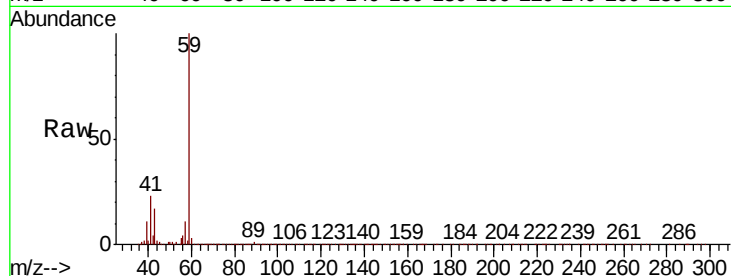




#11
Tert butyl alcohol
Concen: 205.241 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

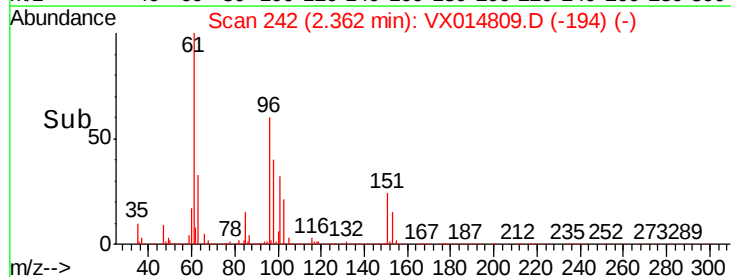
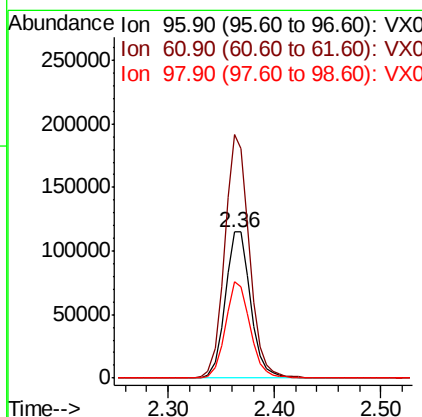
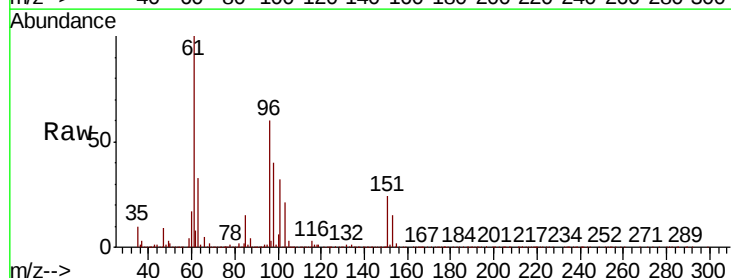
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

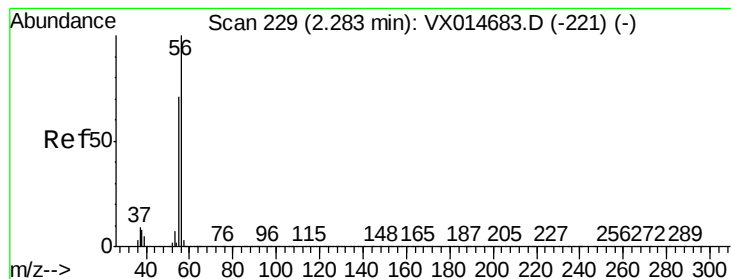
Tot Ion: 59 Resp: 234403
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.144 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 96 Resp: 191162
Ion Ratio Lower Upper
96 100
61 166.5 125.8 188.8
98 65.7 51.5 77.3





#13

Acrolein

Concen: 255.722 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

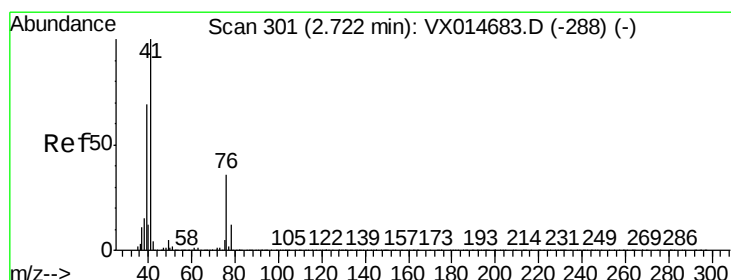
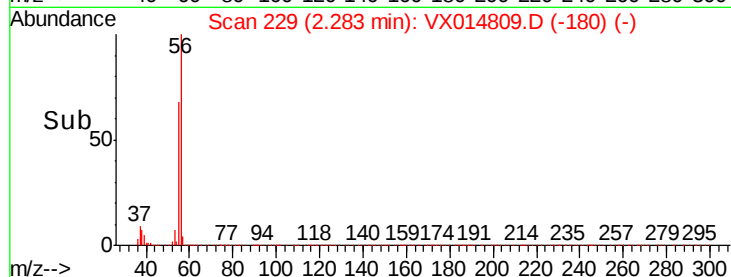
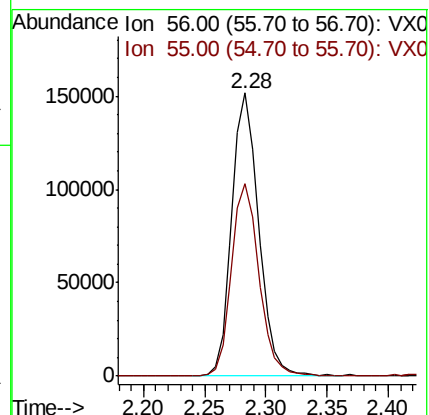
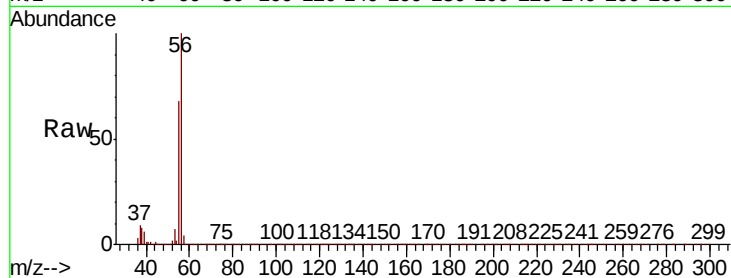
VSTDCCC050EC

Tot Ion: 56 Resp: 230279

Ion Ratio Lower Upper

56 100

55 69.2 56.6 84.8



#14

Allyl chloride

Concen: 45.012 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

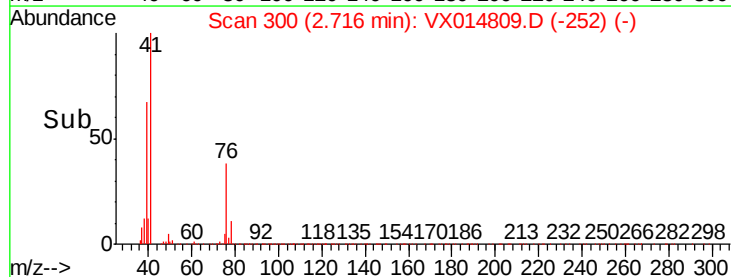
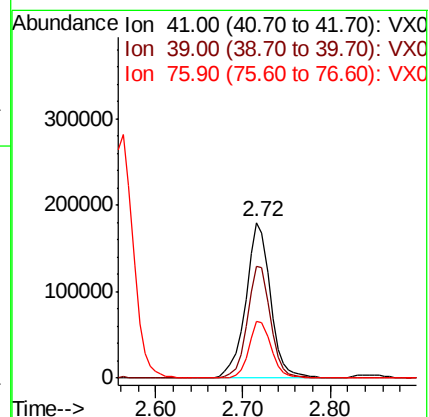
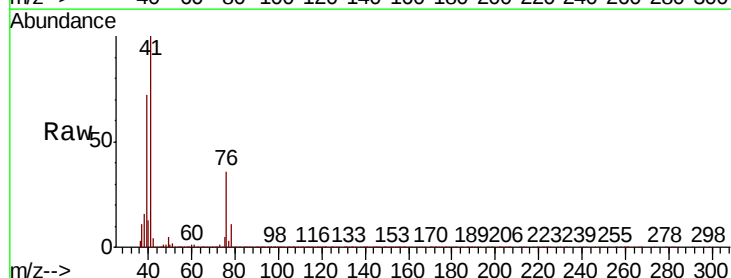
Tgt Ion: 41 Resp: 350355

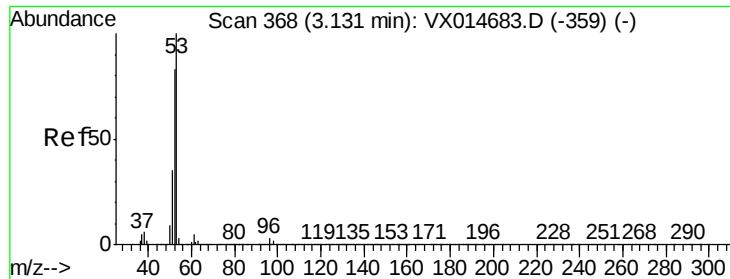
Ion Ratio Lower Upper

41 100

39 68.3 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 224.698 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

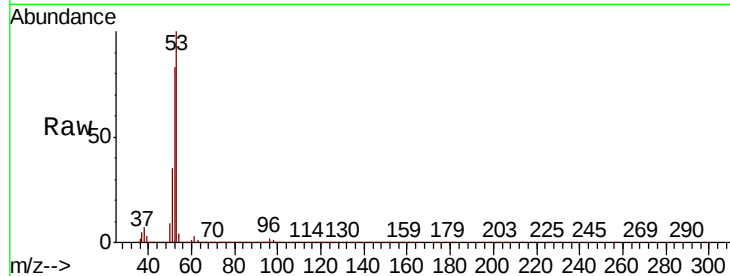
Tot Ion: 53 Resp: 593769

Ion Ratio Lower Upper

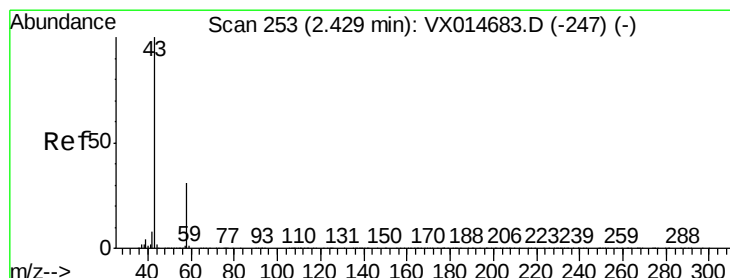
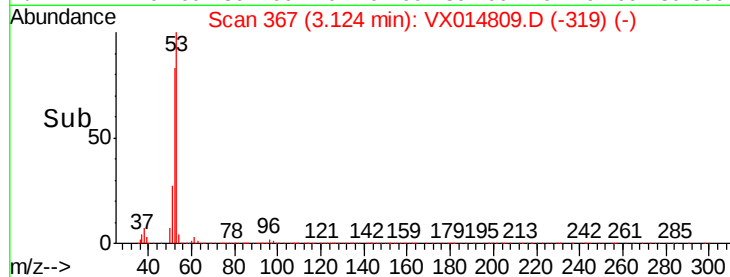
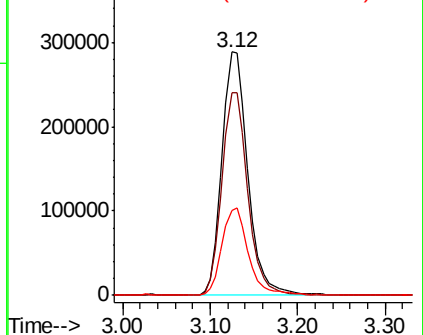
53 100

52 83.8 66.4 99.6

51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 218.196 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014809.D

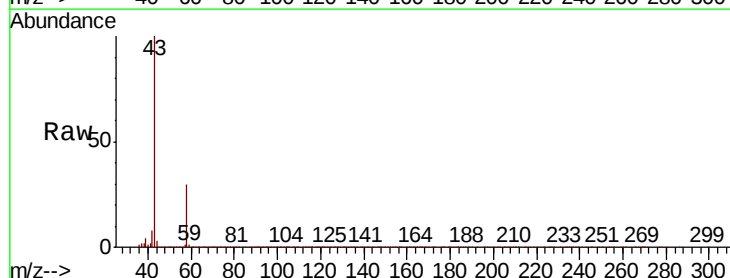
Acq: 04 Feb 2020 16:56

Tgt Ion: 43 Resp: 608278

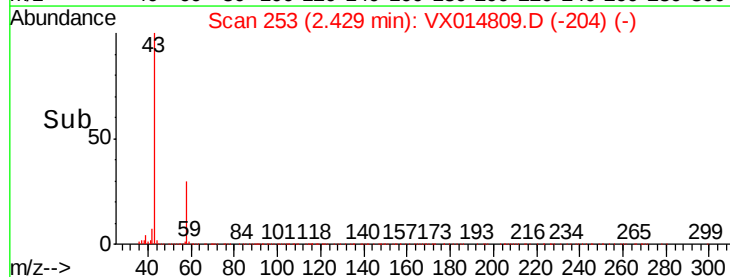
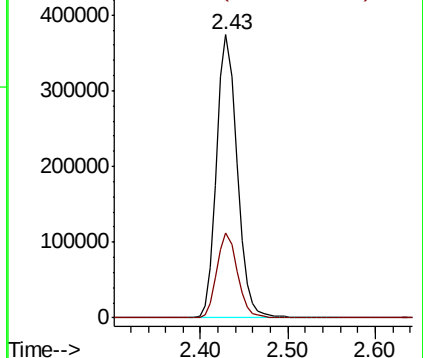
Ion Ratio Lower Upper

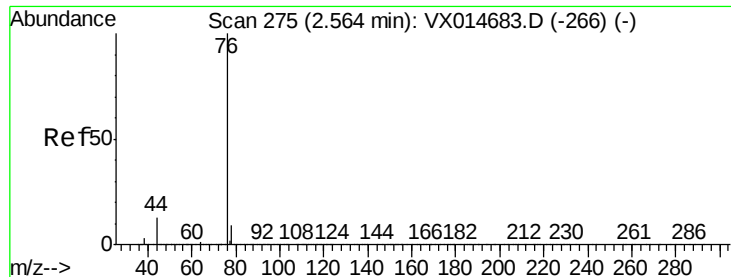
43 100

58 29.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.240 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

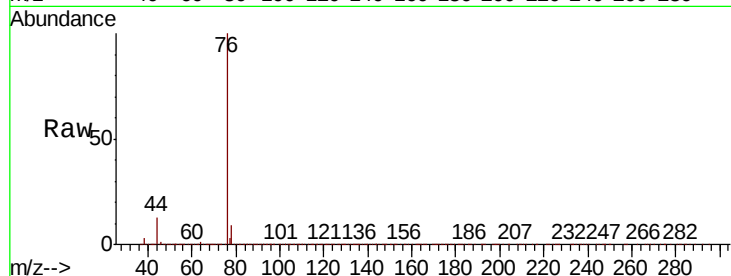
VSTDCCC050EC

Tot Ion: 76 Resp: 476259

Ion Ratio Lower Upper

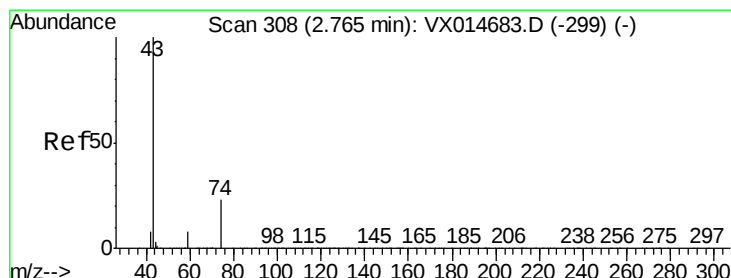
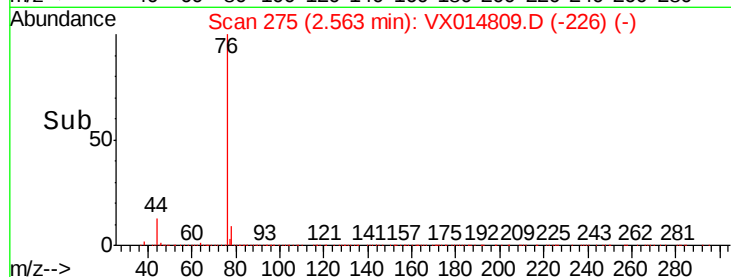
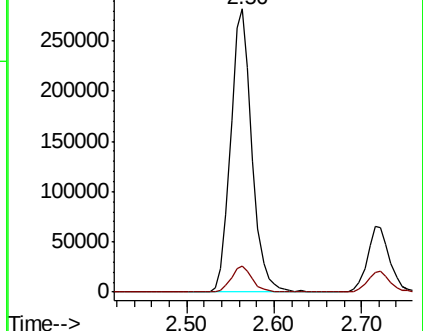
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.966 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014809.D

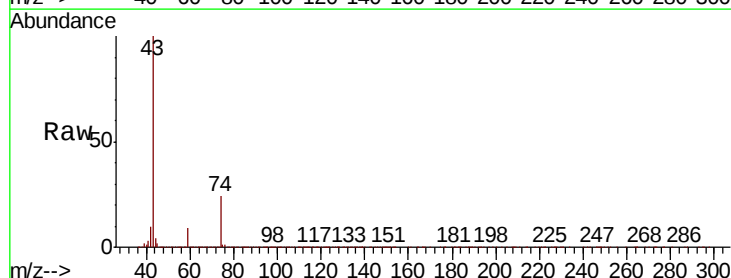
Acq: 04 Feb 2020 16:56

Tgt Ion: 43 Resp: 365802

Ion Ratio Lower Upper

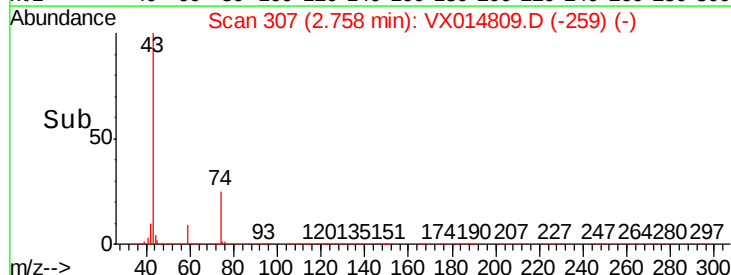
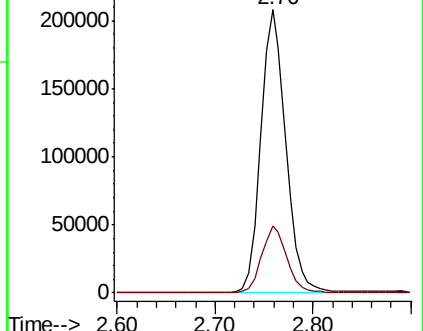
43 100

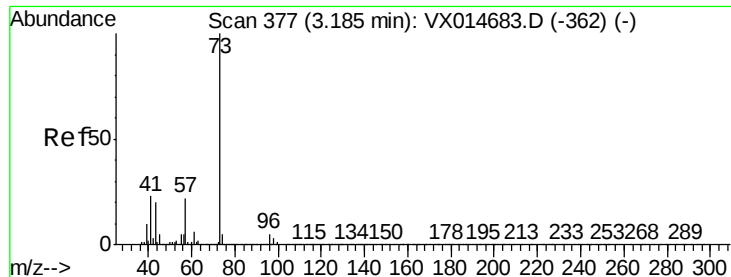
74 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

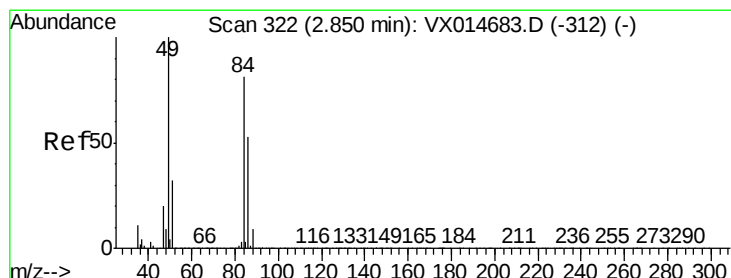
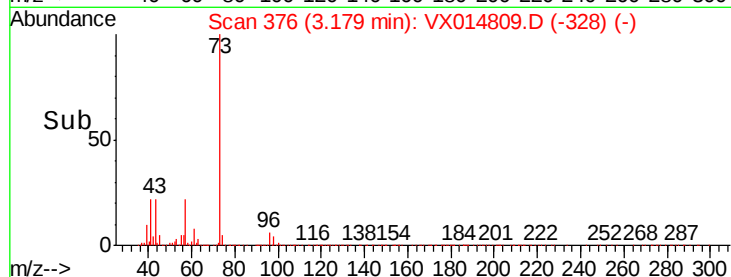
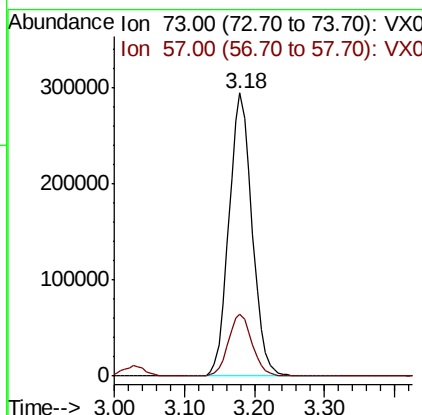
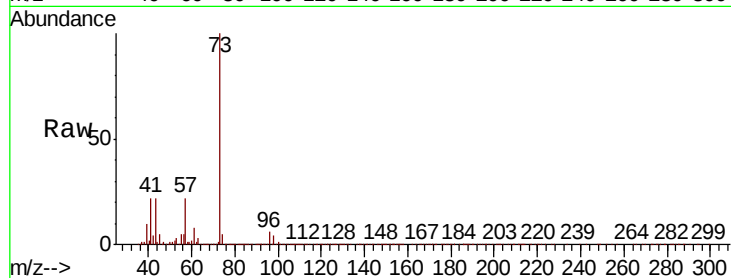




#19
Methyl tert-butyl Ether
Concen: 47.618 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

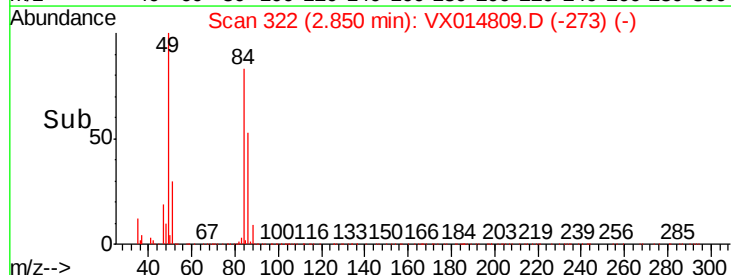
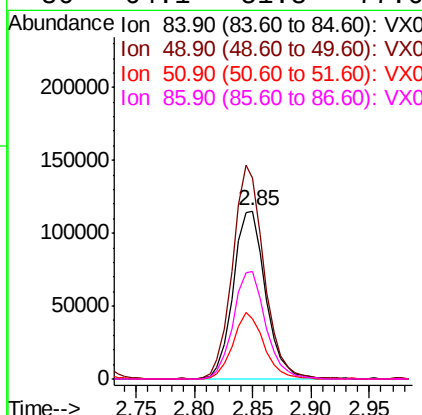
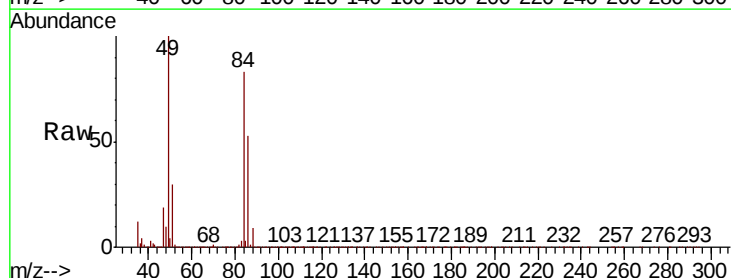
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

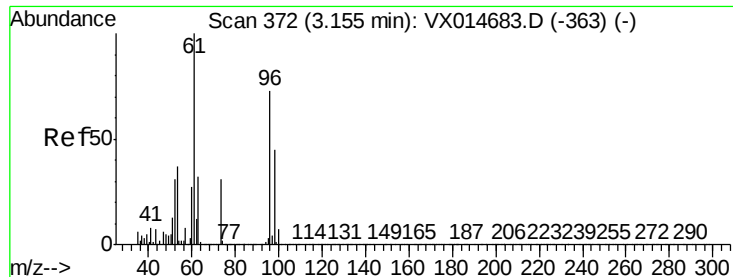
Tot Ion: 73 Resp: 675408
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 43.061 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 84 Resp: 222151
Ion Ratio Lower Upper
84 100
49 120.1 98.2 147.4
51 35.9 31.3 46.9
86 64.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 43.575 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

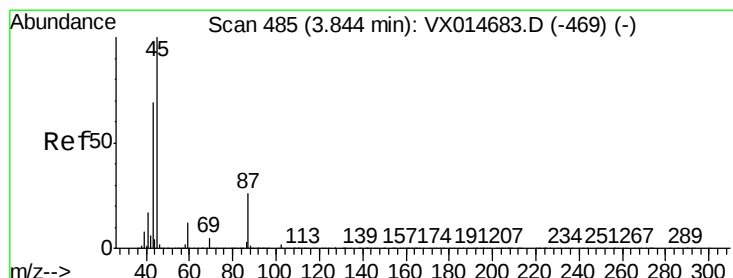
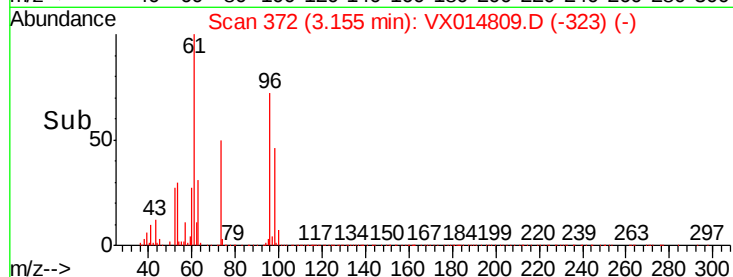
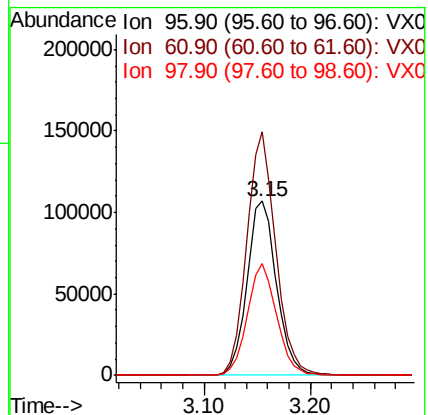
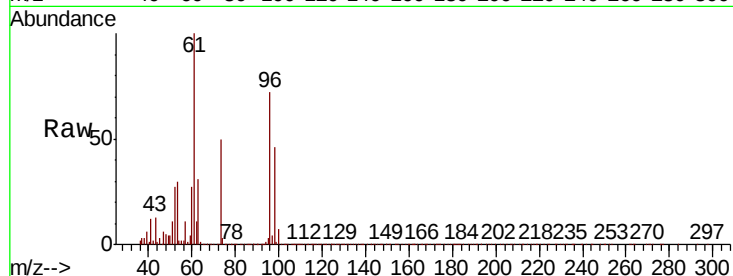
Tot Ion: 96 Resp: 207767

Ion Ratio Lower Upper

96 100

61 139.6 109.8 164.6

98 64.0 49.6 74.4



#22

Diisopropyl ether

Concen: 46.422 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion: 45 Resp: 718893

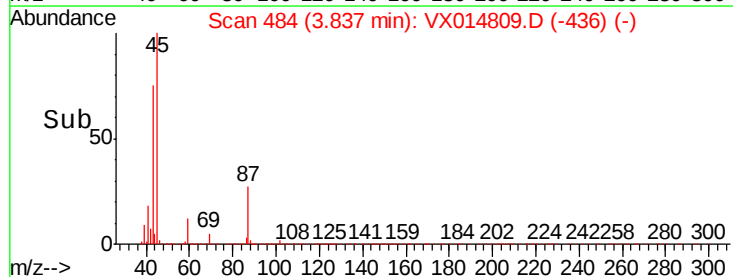
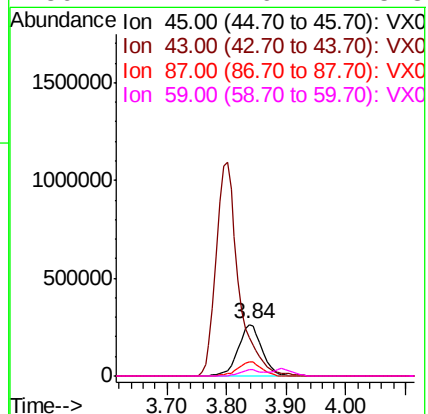
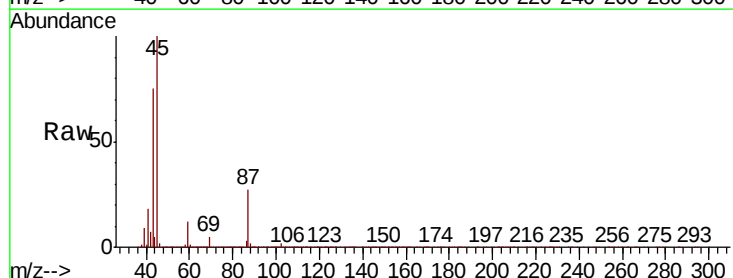
Ion Ratio Lower Upper

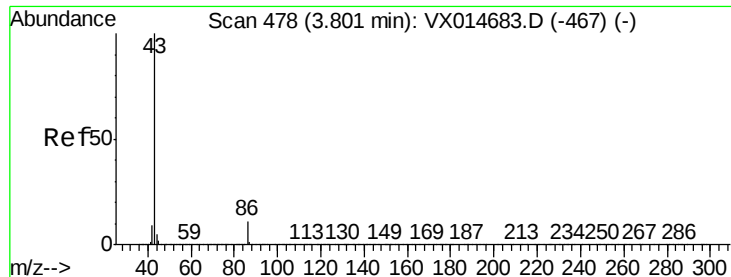
45 100

43 74.6 55.1 82.7

87 26.9 20.7 31.1

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 242.686 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

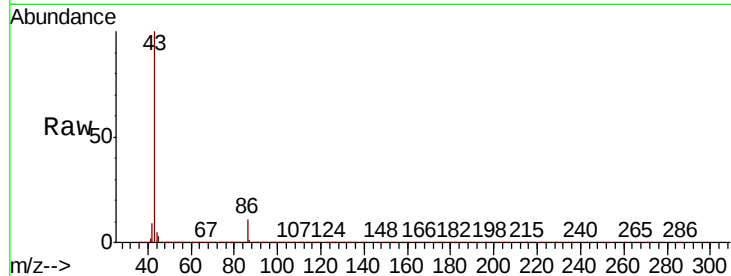
VSTDCCC050EC

Tot Ion: 43 Resp: 2864873

Ion Ratio Lower Upper

43 100

86 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

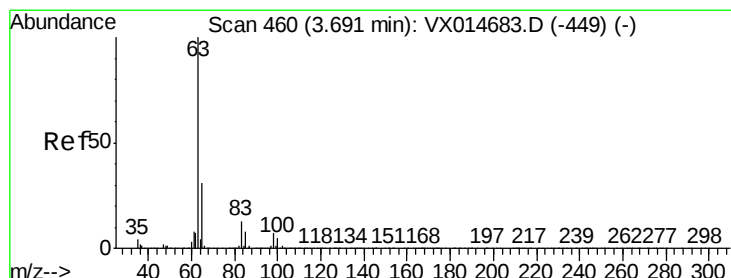
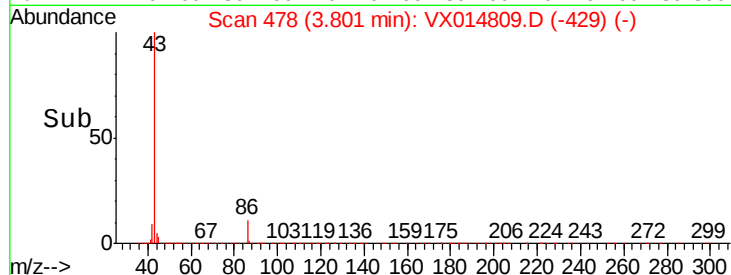
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 45.904 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

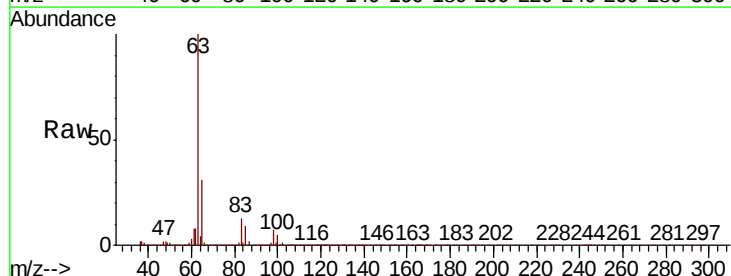
Tgt Ion: 63 Resp: 386059

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.2 6.6



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

200000

150000

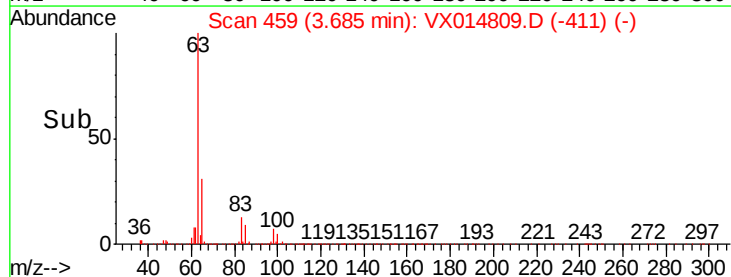
100000

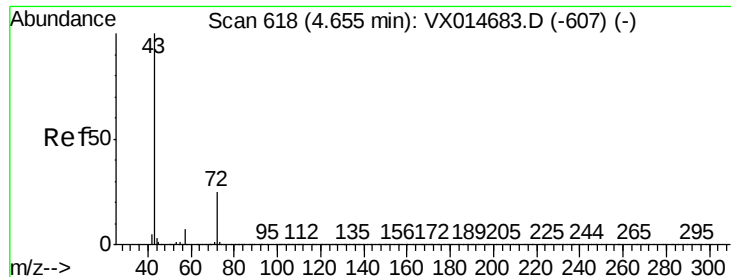
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 217.618 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

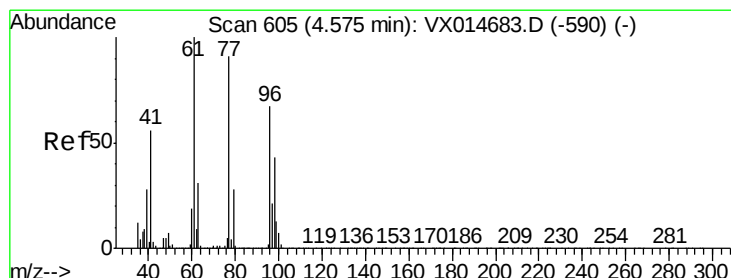
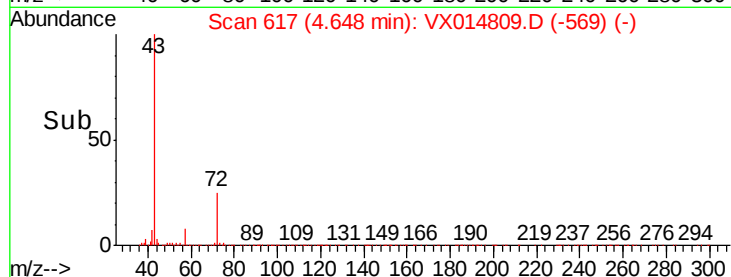
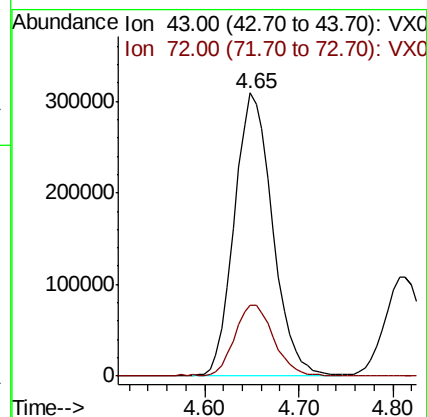
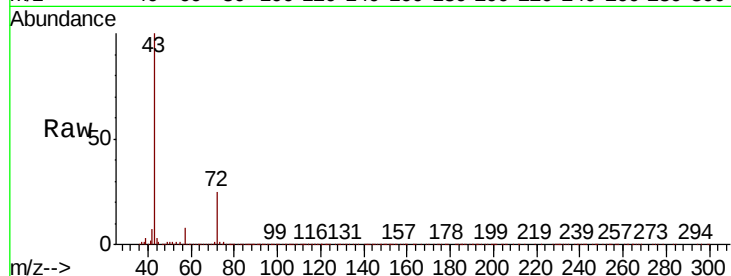
VSTDCCC050EC

Tot Ion: 43 Resp: 869279

Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 48.365 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014809.D

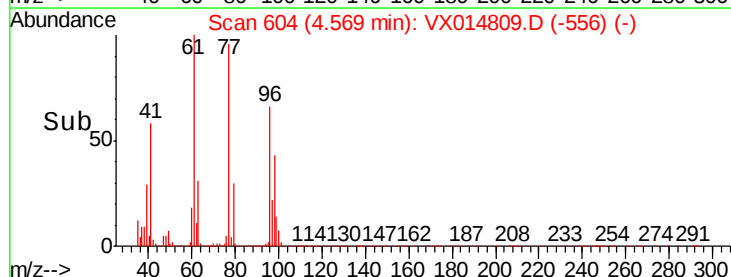
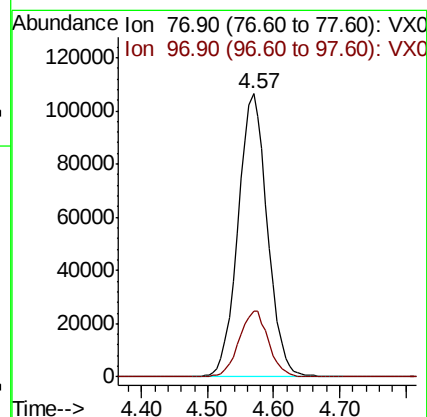
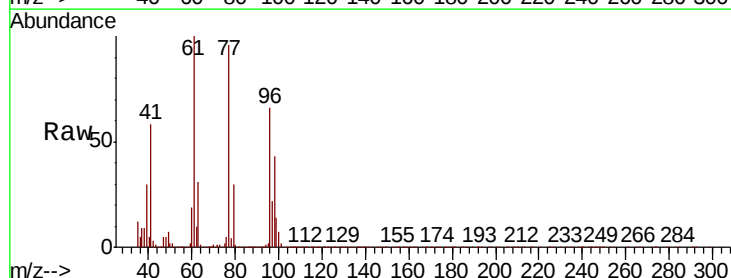
Acq: 04 Feb 2020 16:56

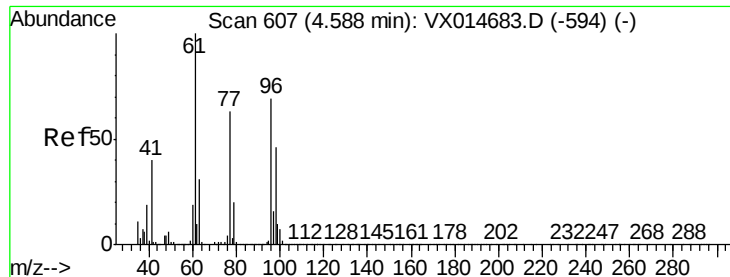
Tgt Ion: 77 Resp: 325574

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3



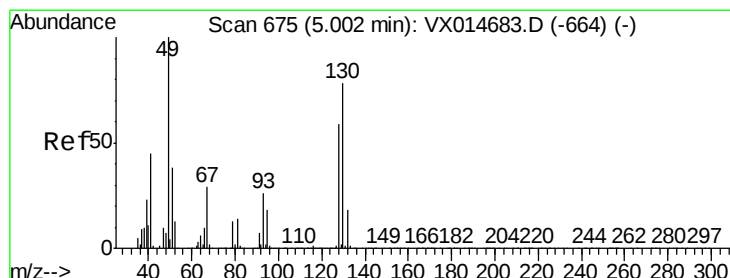
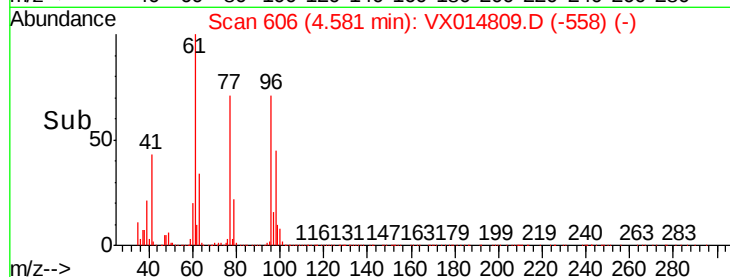
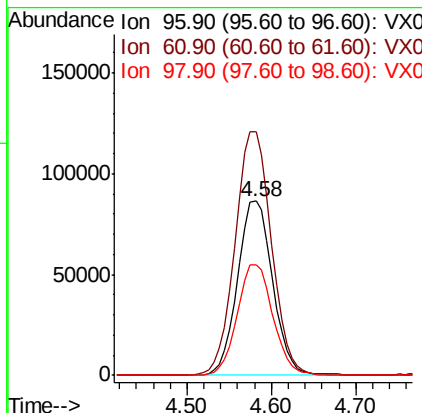
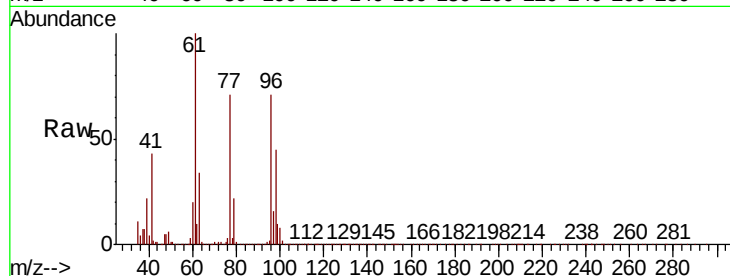


#27

cis-1,2-Dichloroethene
 Concen: 45.497 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

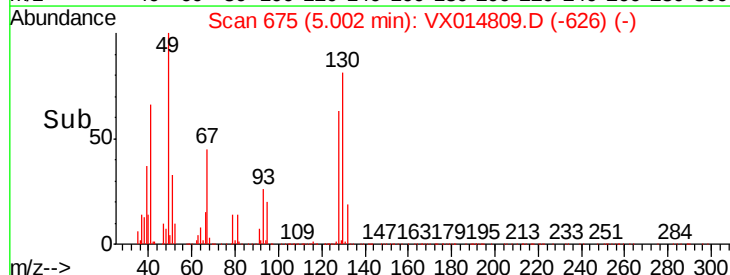
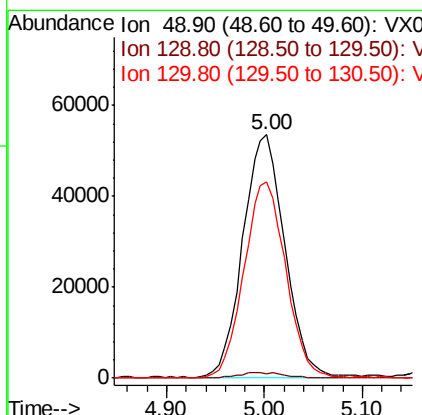
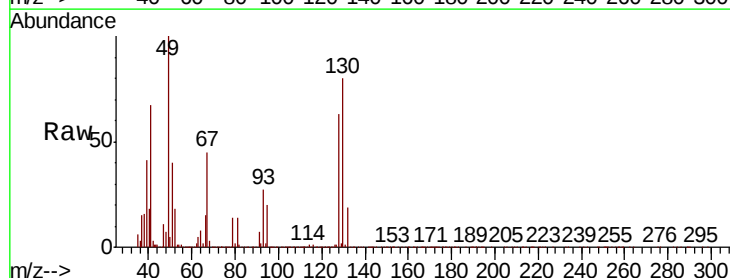
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	291.0
98	64.4	0.0	129.8

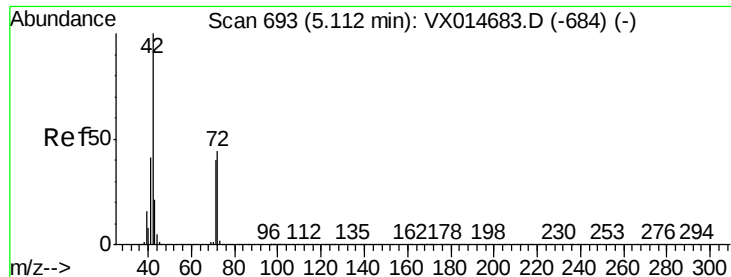


#28

Bromochloromethane
 Concen: 43.287 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	79.9	62.4	93.6





#29

Tetrahydrofuran

Concen: 224.607 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

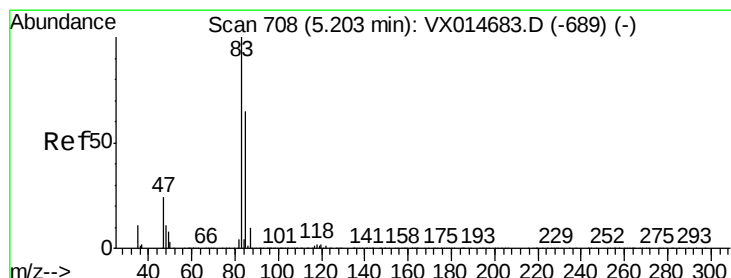
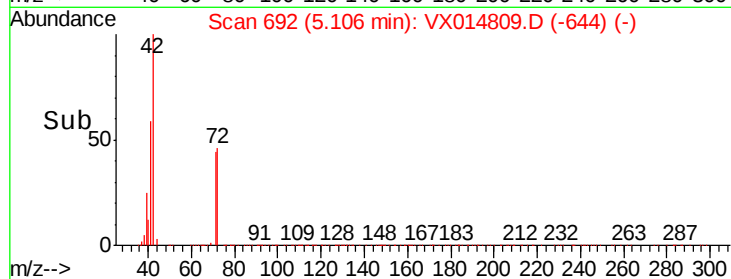
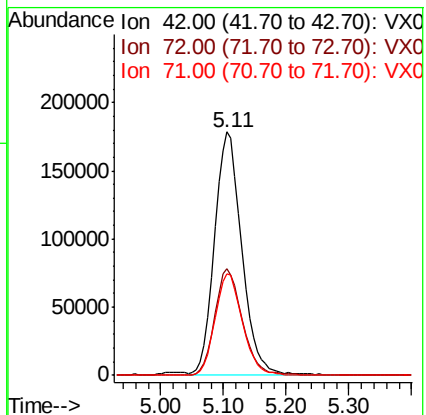
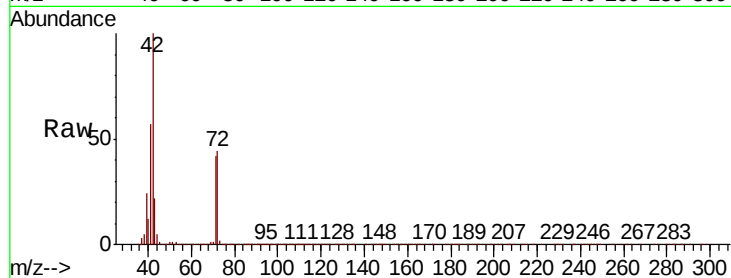
Tot Ion: 42 Resp: 532504

Ion Ratio Lower Upper

42 100

72 45.0 35.3 52.9

71 42.0 33.1 49.7



#30

Chloroform

Concen: 46.514 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014809.D

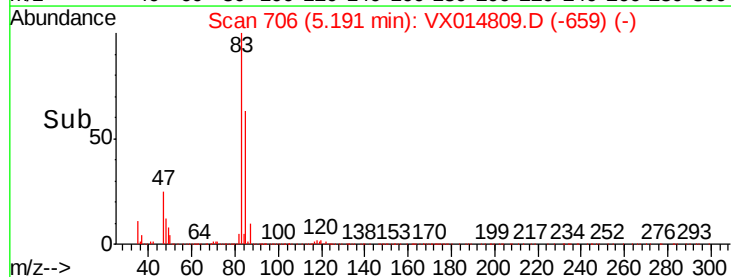
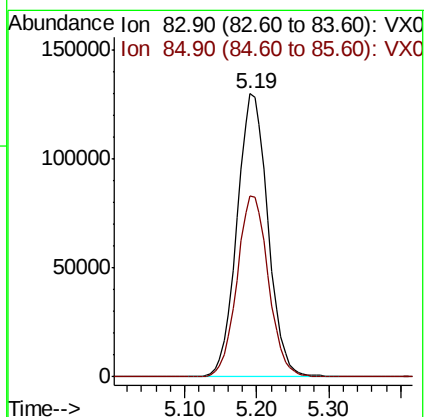
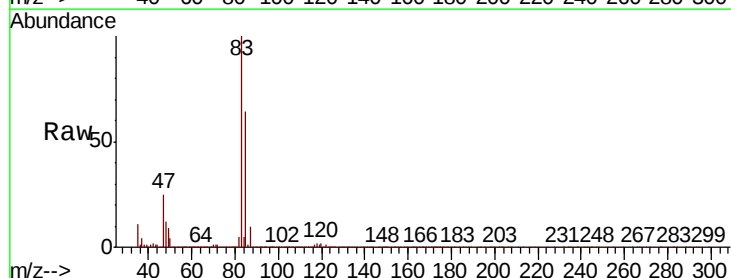
Acq: 04 Feb 2020 16:56

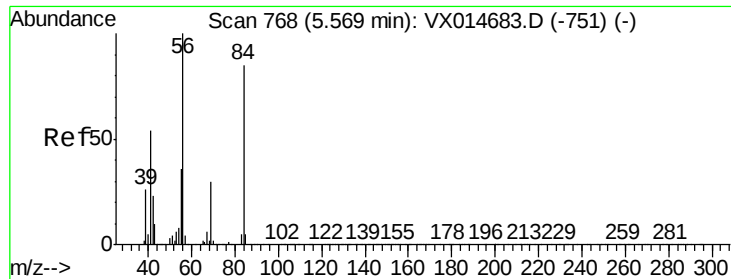
Tgt Ion: 83 Resp: 387509

Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

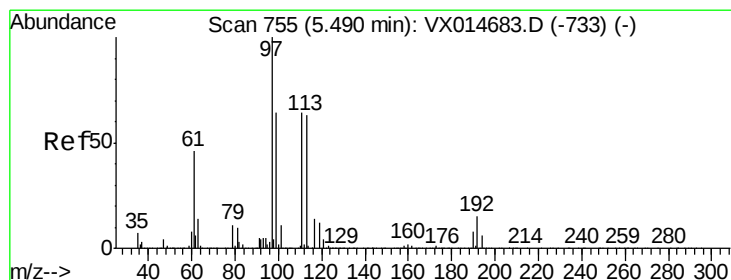
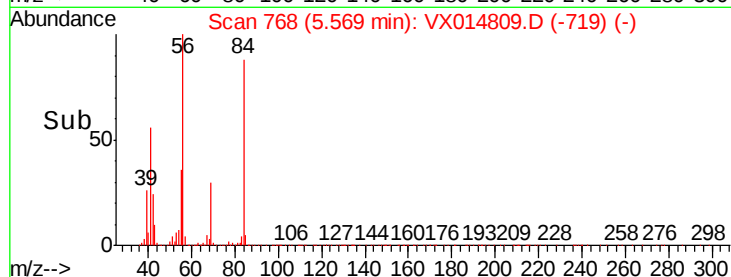
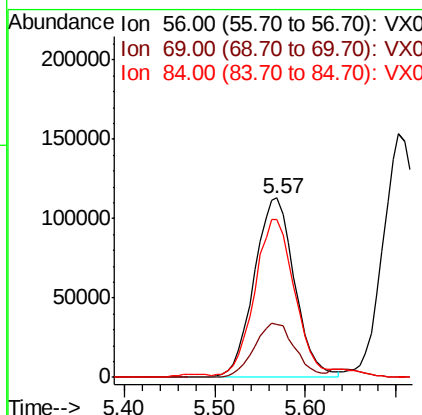
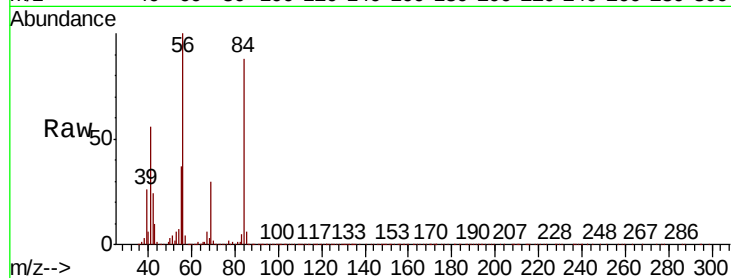




#31
Cyclohexane
Concen: 43.903 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

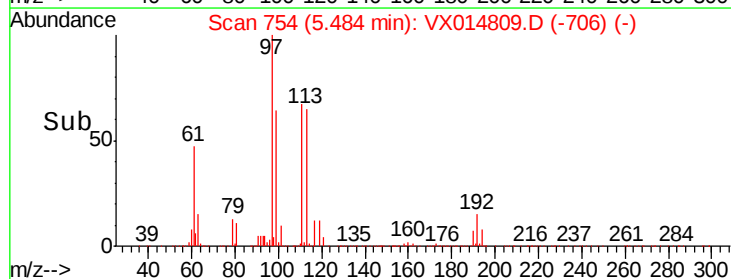
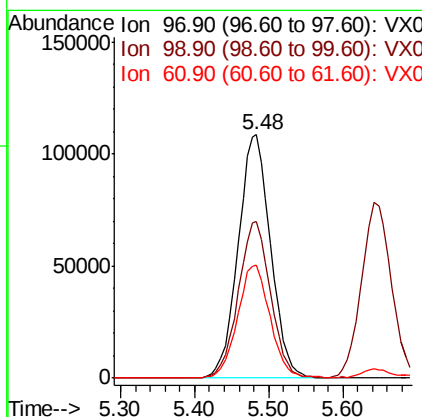
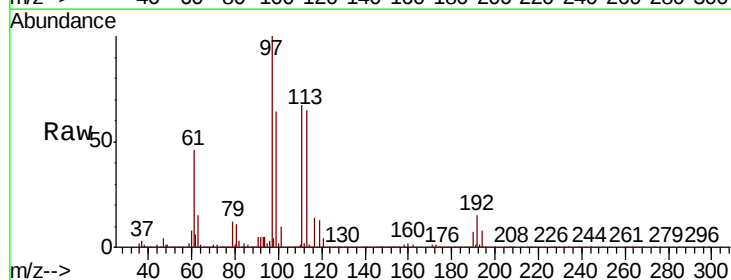
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

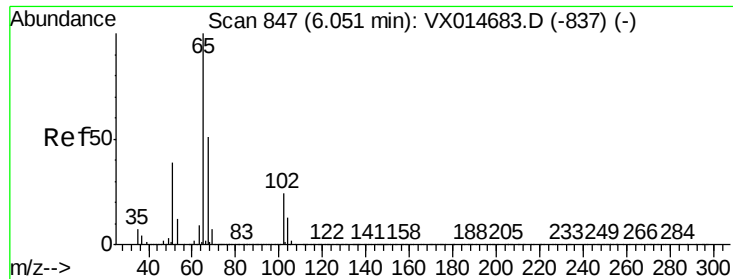
Tot Ion: 56 Resp: 347279
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 86.6 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 46.993 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 97 Resp: 330925
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 46.4 37.2 55.8

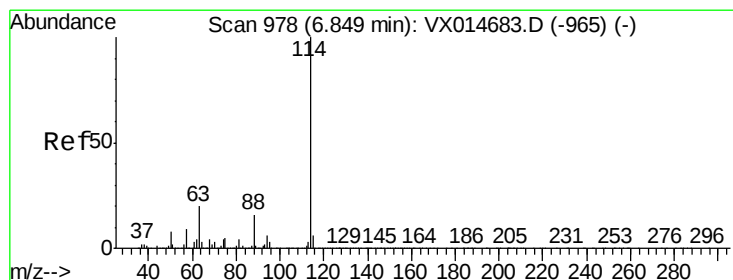
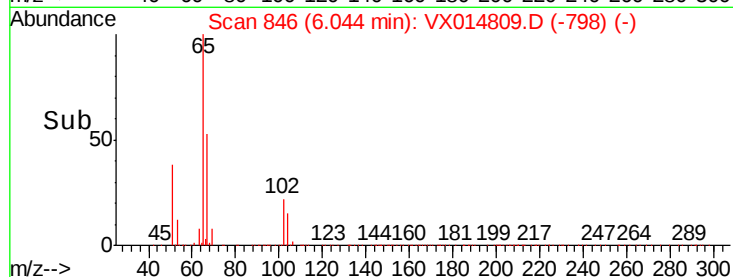
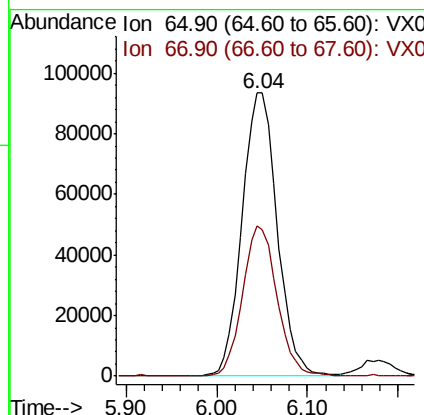
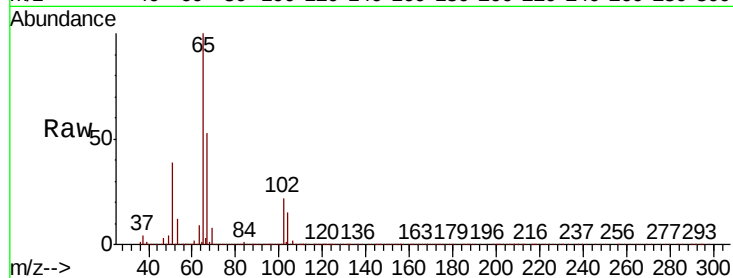




#33
 1,2-Dichloroethane-d4
 Concen: 49.411 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

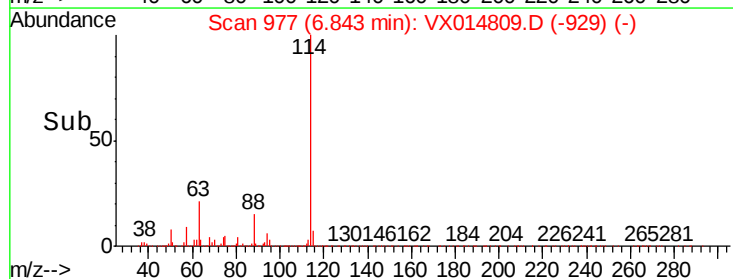
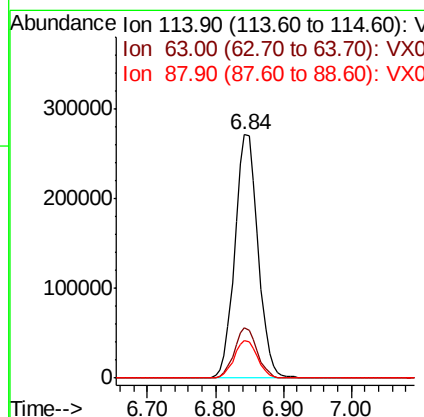
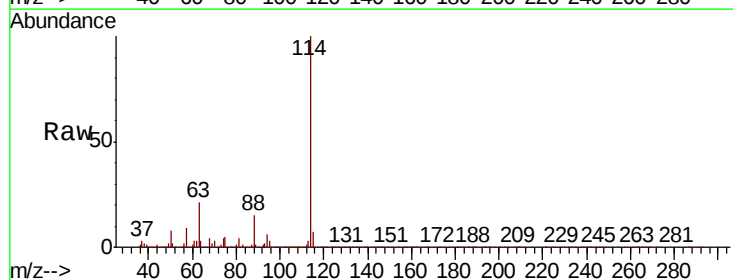
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

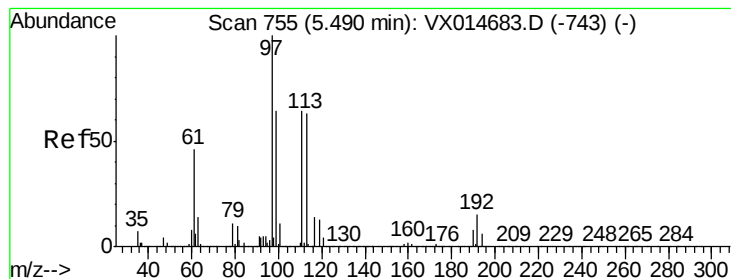
Tot Ion: 65 Resp: 251354
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion: 114 Resp: 643218
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.6
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.786 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

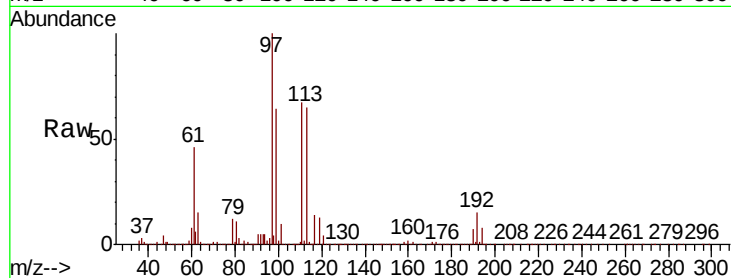
Tot Ion:113 Resp: 206124

Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

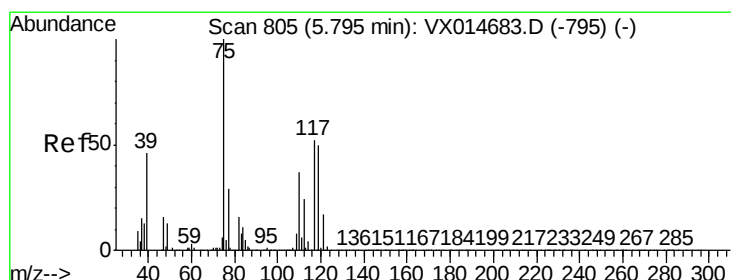
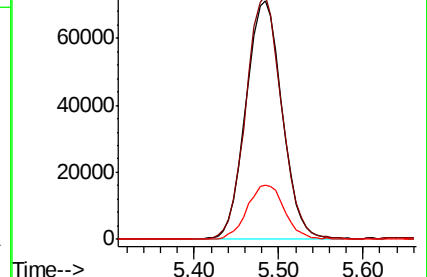
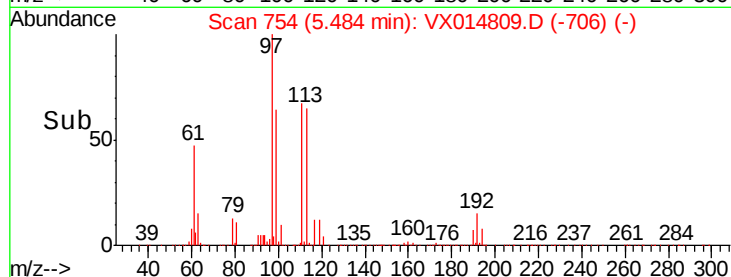
192 23.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.161 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

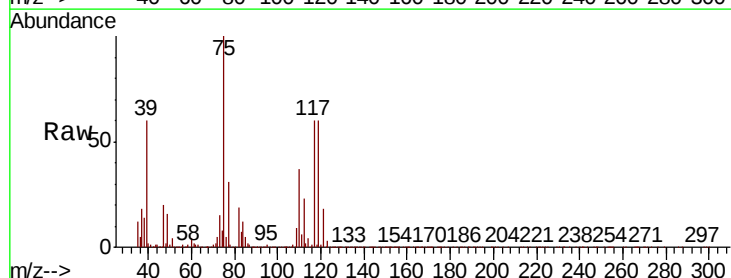
Tgt Ion: 75 Resp: 287847

Ion Ratio Lower Upper

75 100

110 36.9 17.9 53.7

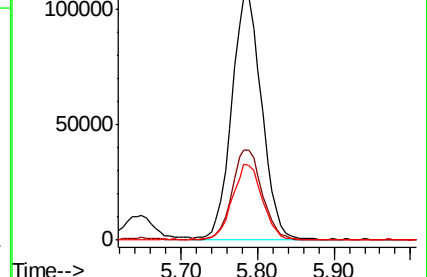
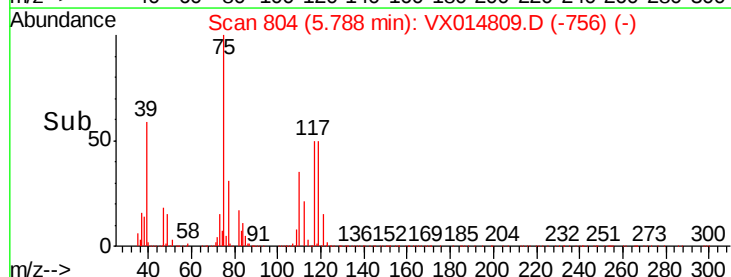
77 30.6 24.1 36.1

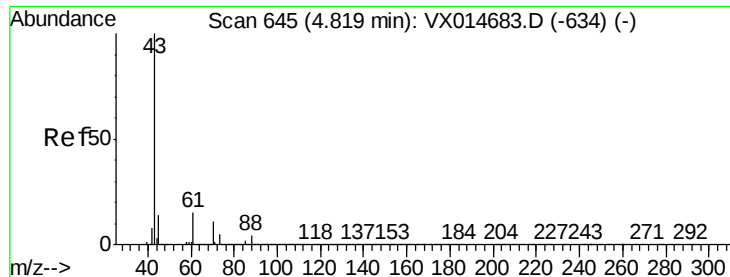


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

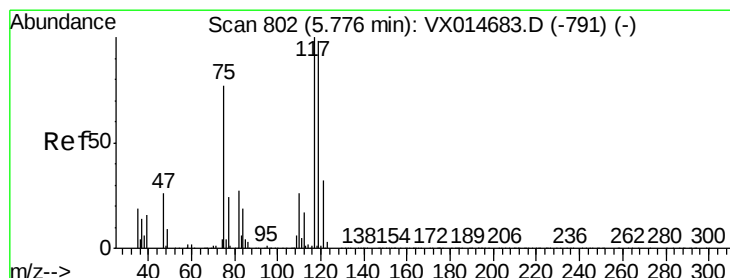
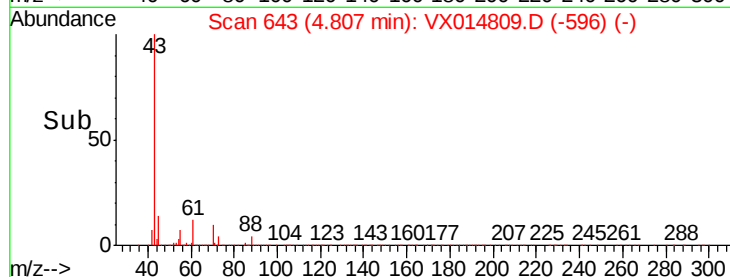
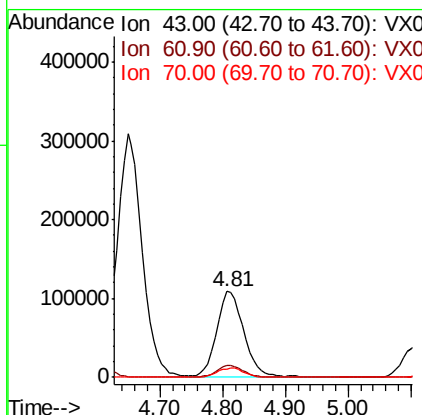
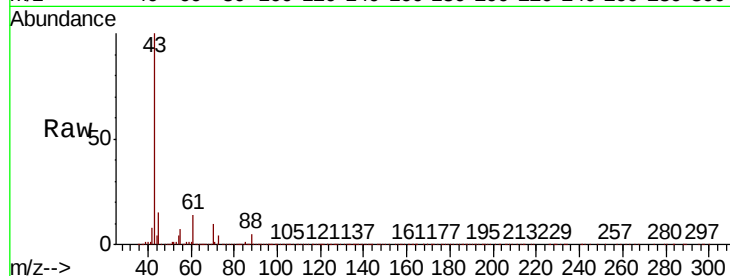




#37
Ethyl Acetate
Concen: 47.605 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

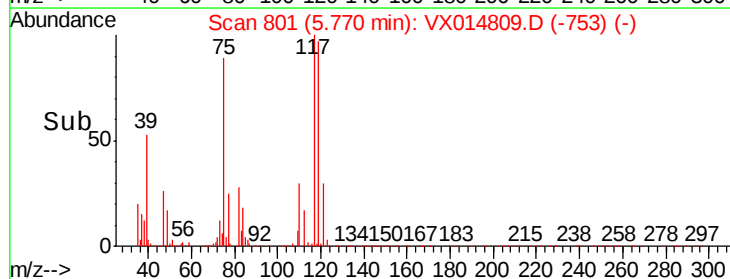
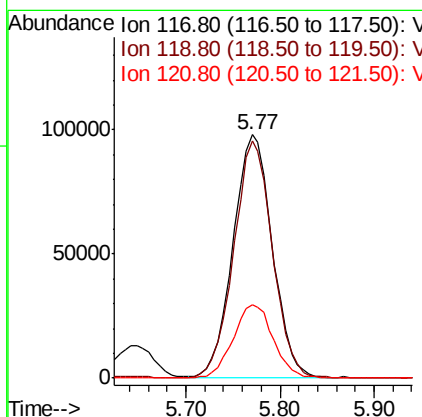
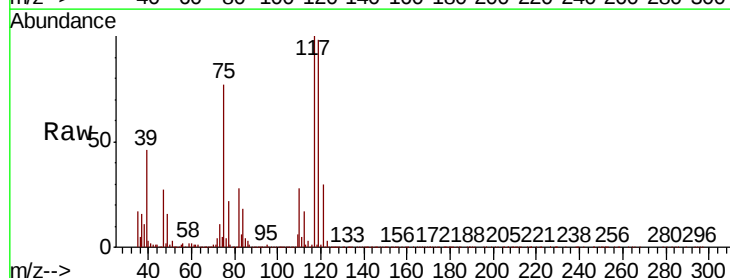
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

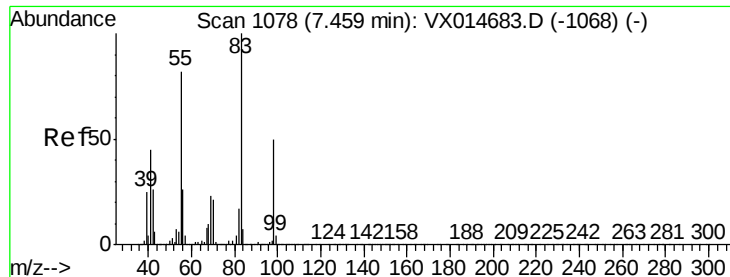
Tot Ion:	43	Resp:	325877
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.818 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:	117	Resp:	284362
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.9	116.9
121	30.1	25.4	38.2

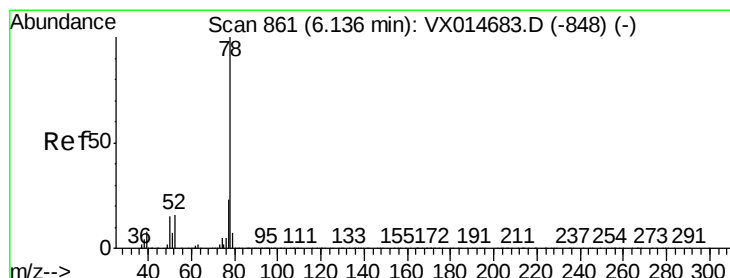
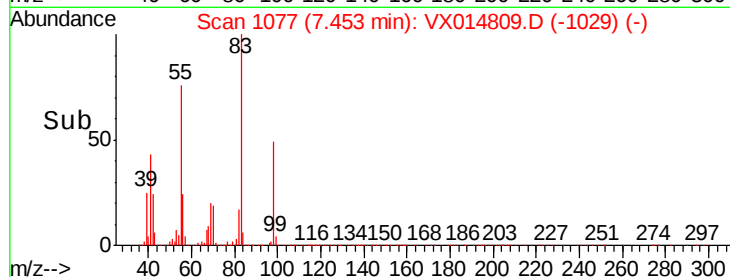
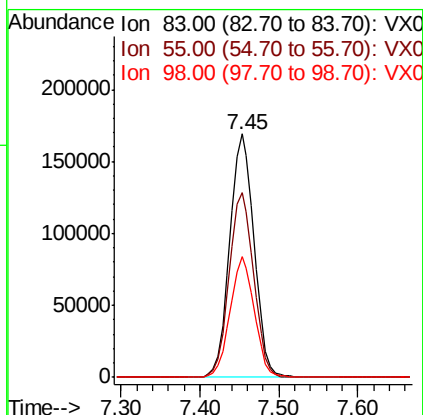
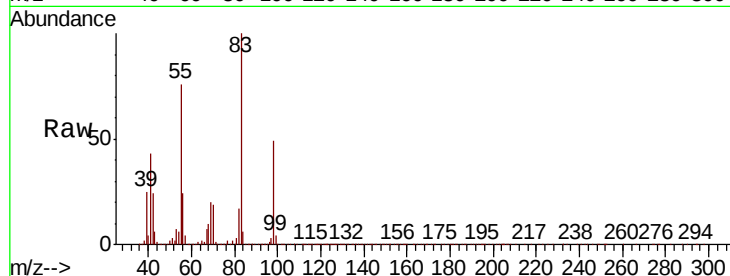




#39
Methvlcvclohexane
Concen: 48.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

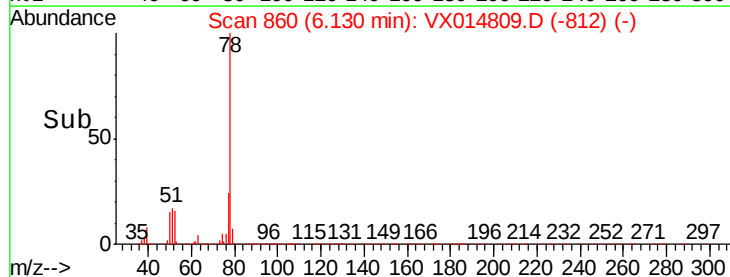
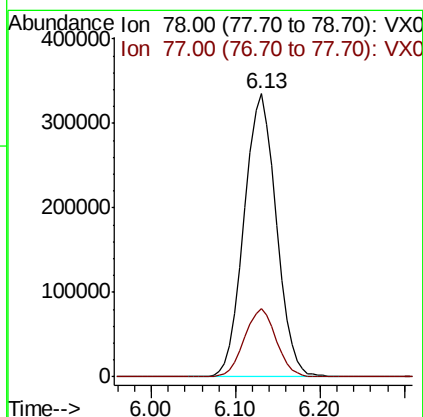
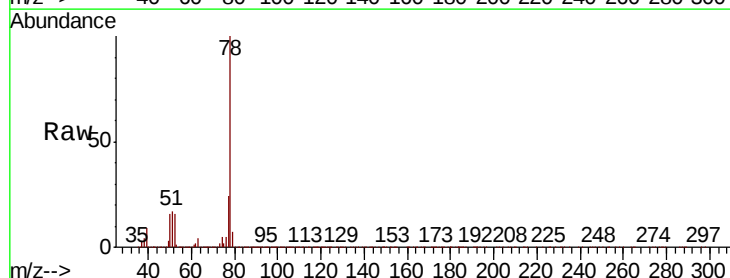
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

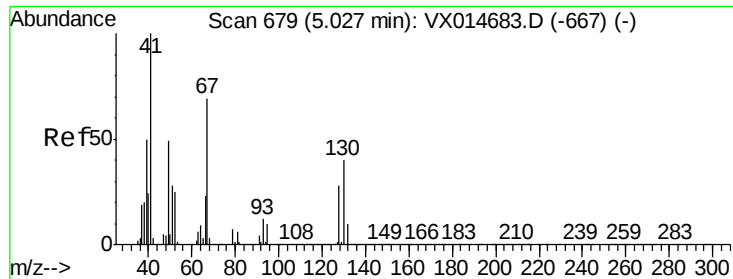
Tot Ion: 83 Resp: 361975
Ion Ratio Lower Upper
83 100
55 75.8 65.6 98.4
98 49.3 40.2 60.4



#40
Benzene
Concen: 46.906 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 78 Resp: 866222
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

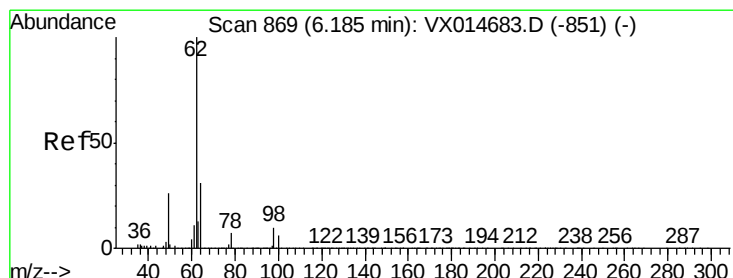
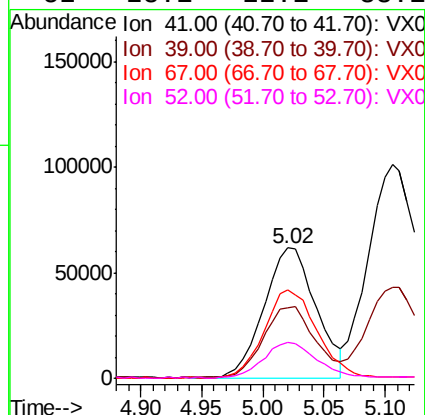
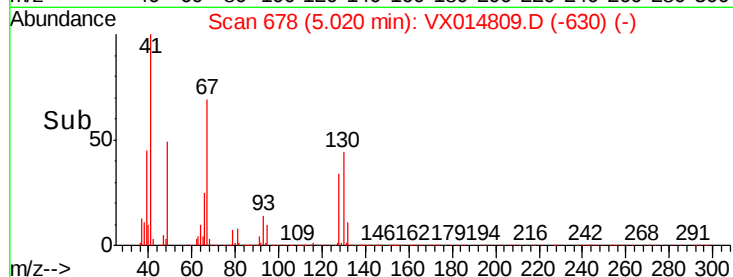
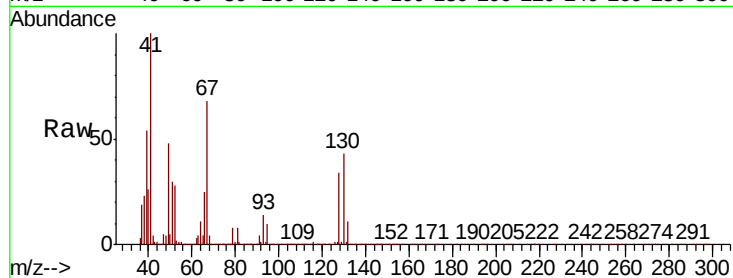




#41
Methacrylonitrile
Concen: 46.483 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

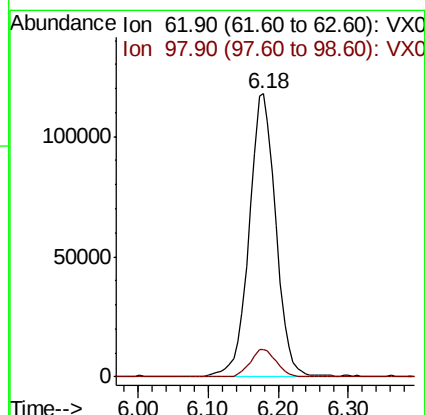
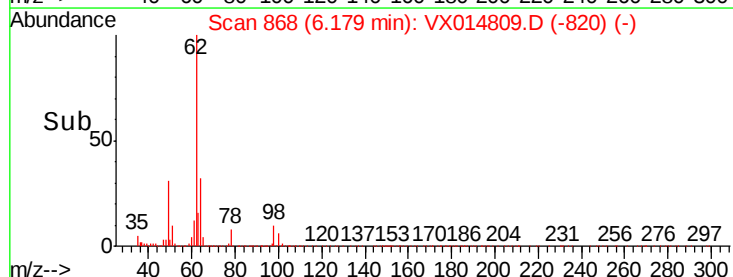
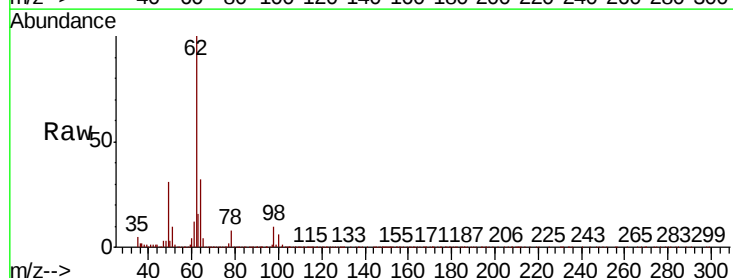
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

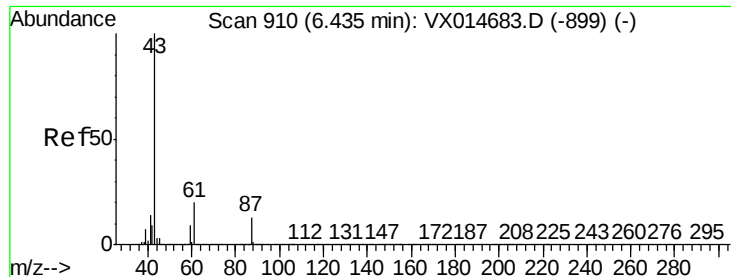
Tot Ion:	41	Resp:	181604
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.2	63.2
67	69.5	55.4	83.0
52	28.1	22.1	33.1



#42
1,2-Dichloroethane
Concen: 48.708 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:	62	Resp:	310618
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0



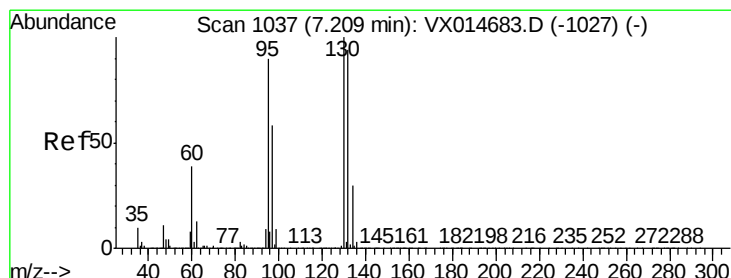
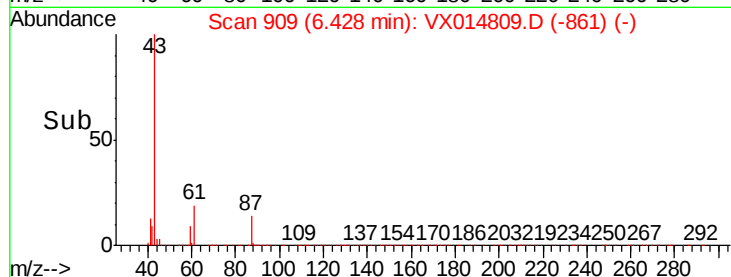
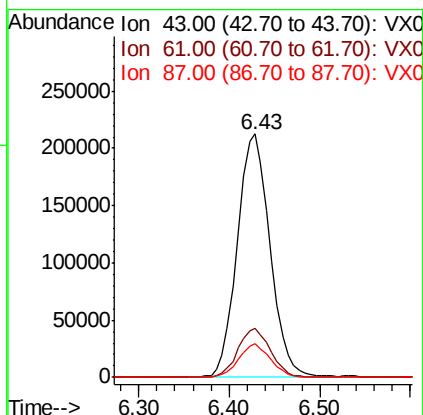
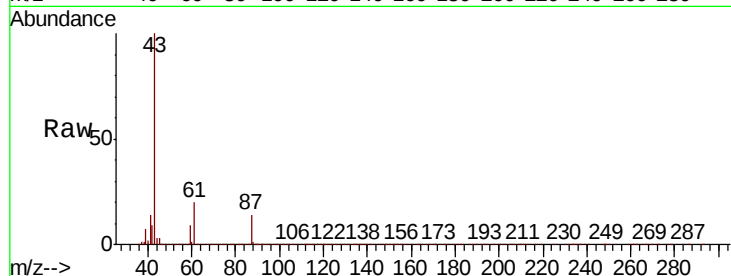


#43

Isopropyl Acetate
 Concen: 47.346 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

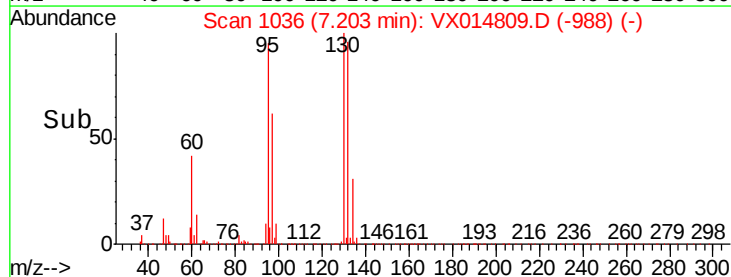
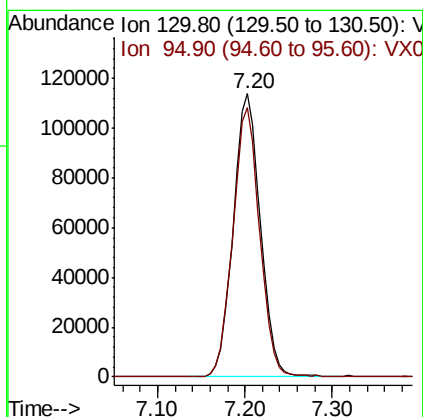
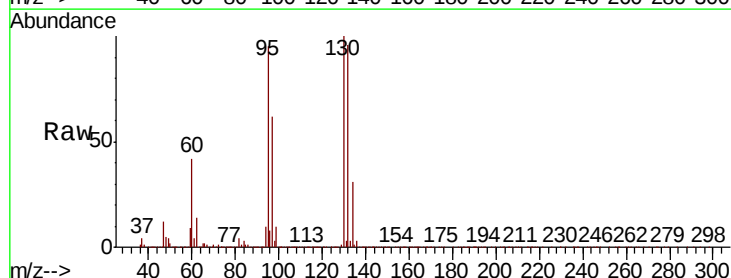
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.4	10.5	15.7

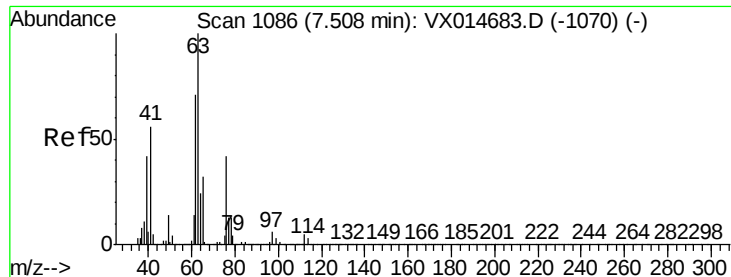


#44

Trichloroethene
 Concen: 46.843 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	179.8





#45

1,2-Dichloropropane

Concen: 48.306 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

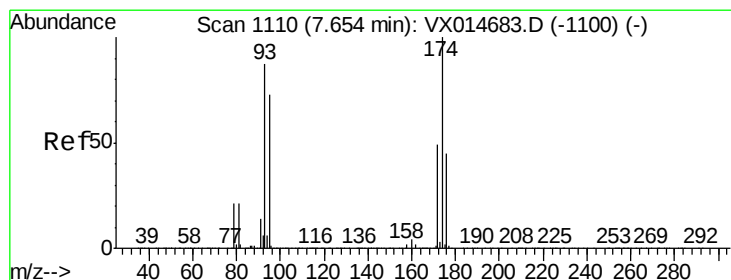
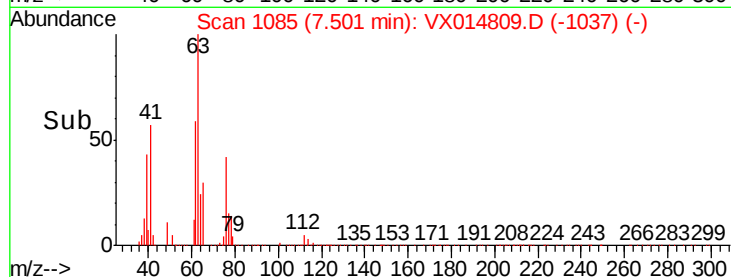
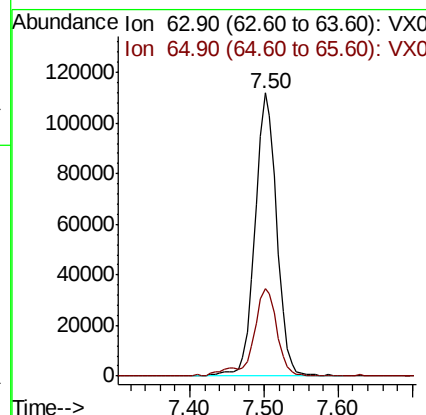
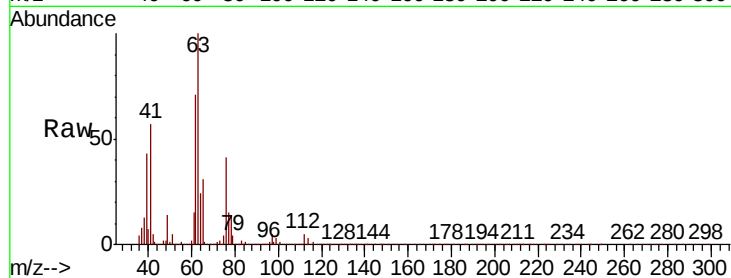
VSTDCCC050EC

Tot Ion: 63 Resp: 229816

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#46

Dibromomethane

Concen: 48.114 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

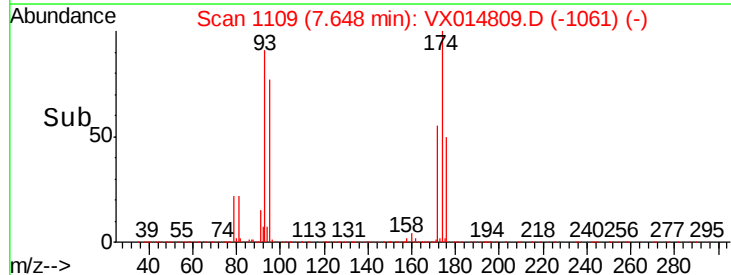
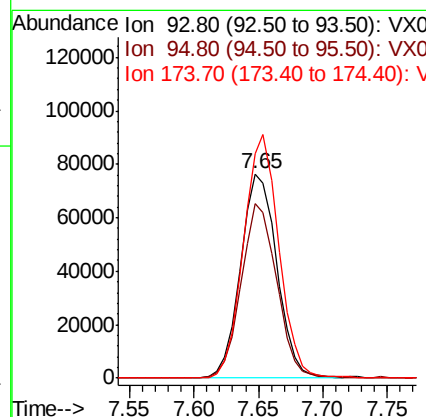
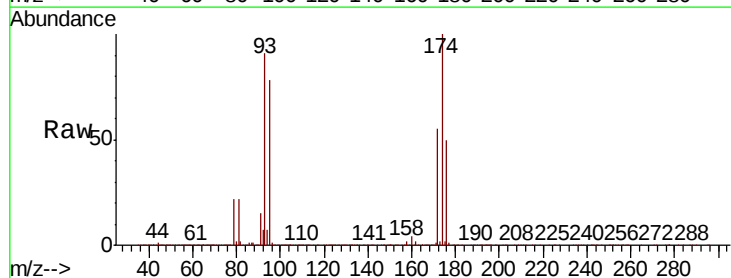
Tgt Ion: 93 Resp: 148250

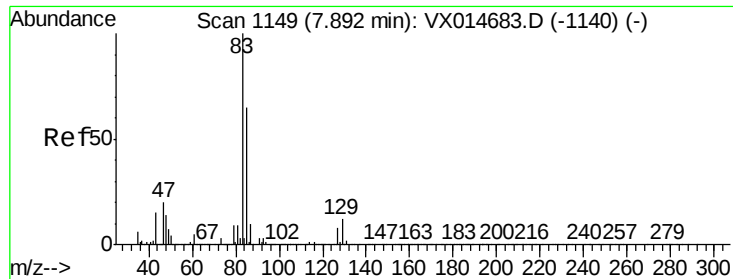
Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.4

174 116.7 90.2 135.2

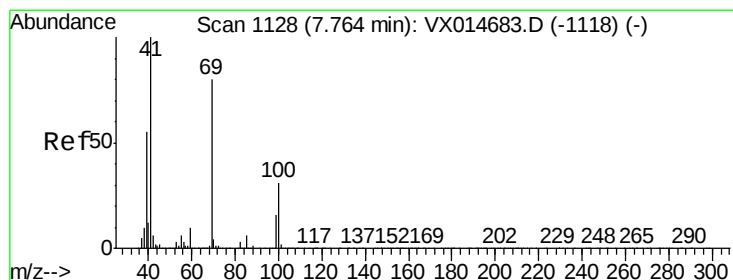
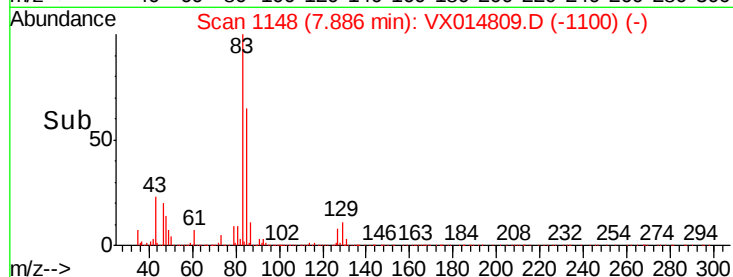
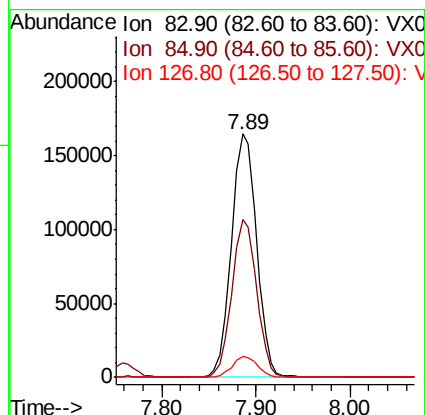
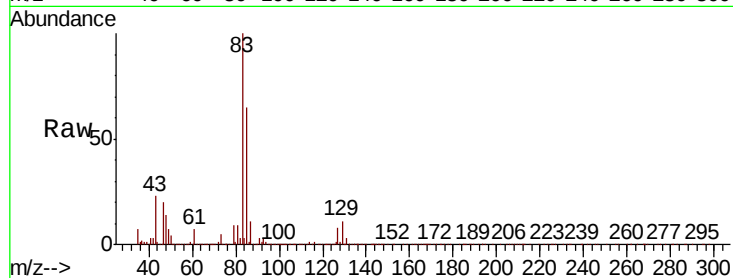




#47
Bromodichloromethane
Concen: 50.579 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

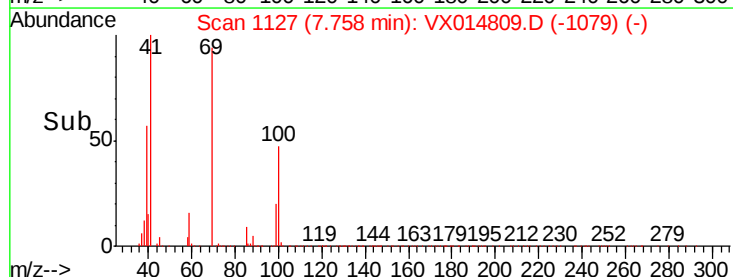
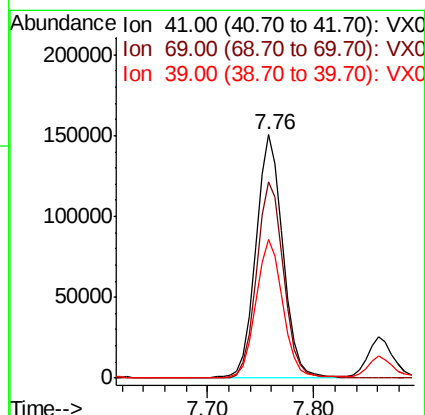
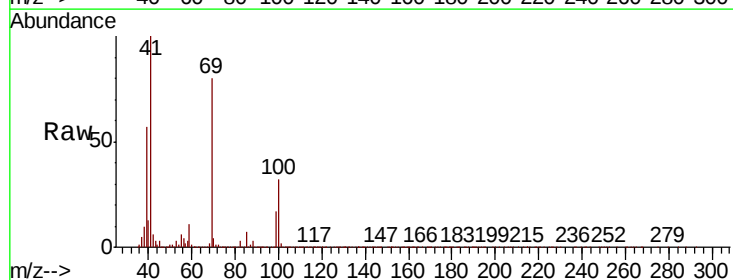
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

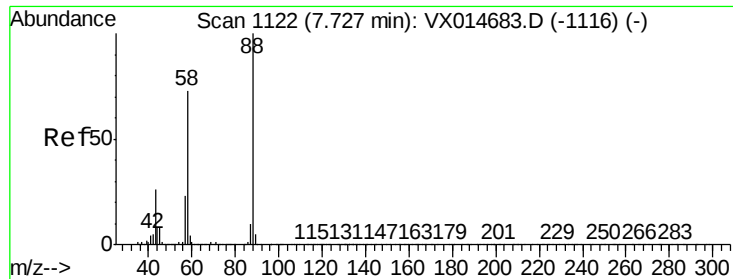
Tot Ion: 83 Resp: 305664
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.2
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 49.723 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 41 Resp: 266311
Ion Ratio Lower Upper
41 100
69 81.1 63.5 95.3
39 56.9 43.7 65.5





#49

1,4-Dioxane

Concen: 838.964 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

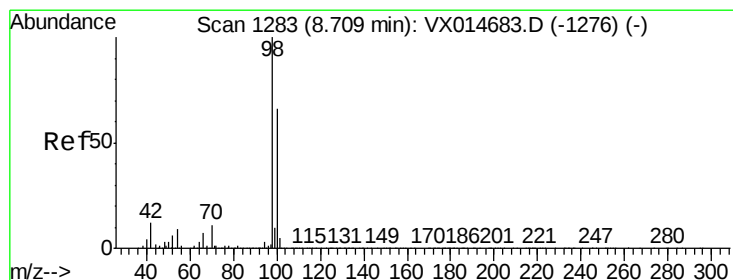
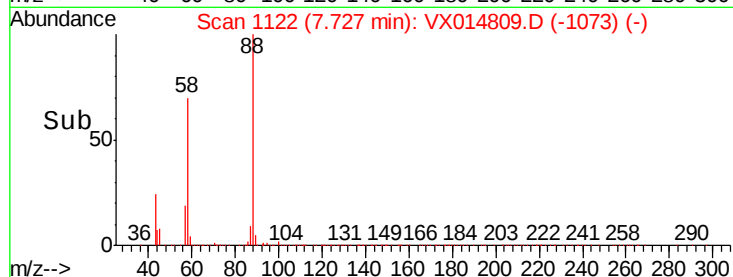
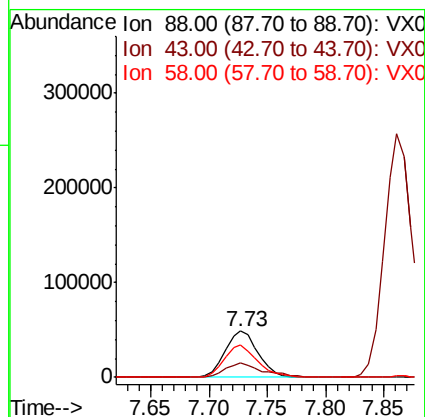
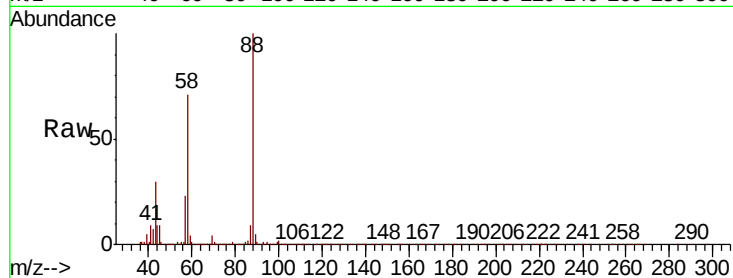
Tot Ion: 88 Resp: 95250

Ion Ratio Lower Upper

88 100

43 36.4 26.2 39.2

58 71.3 56.6 85.0



#50

Toluene-d8

Concen: 49.954 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014809.D

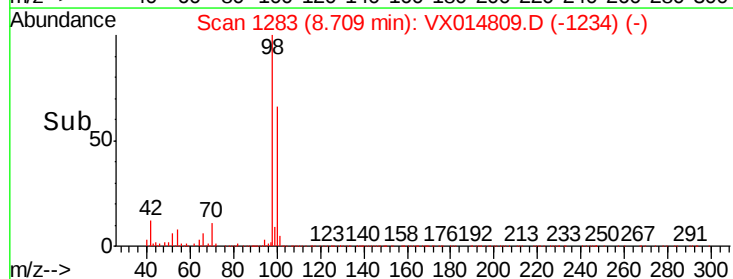
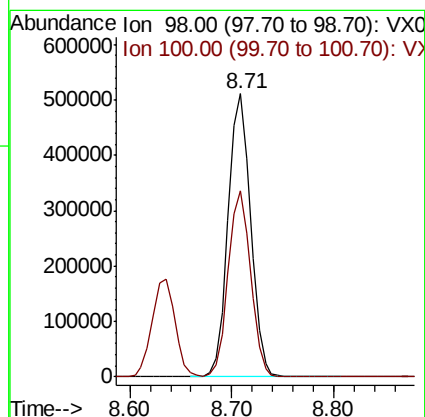
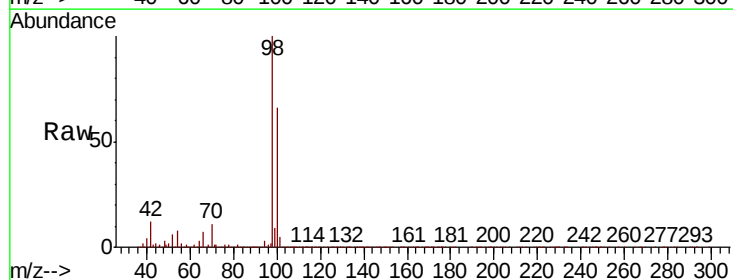
Acq: 04 Feb 2020 16:56

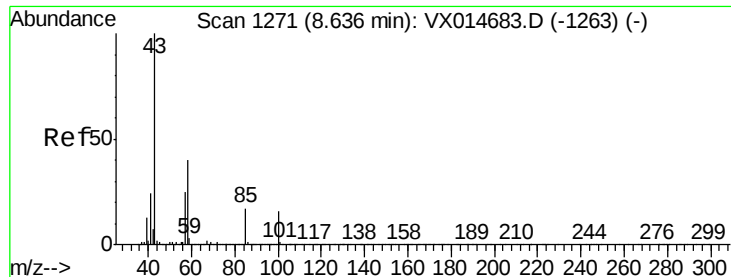
Tgt Ion: 98 Resp: 779433

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 234.691 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

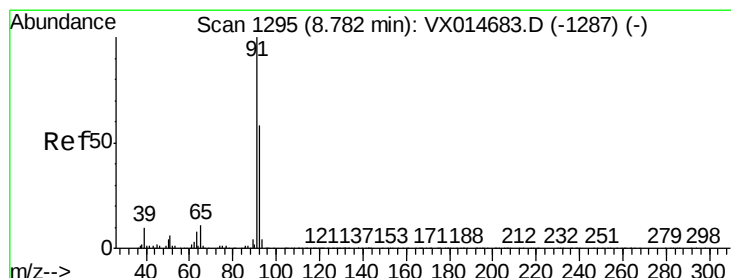
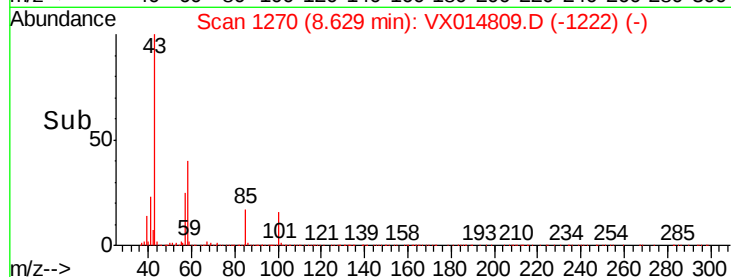
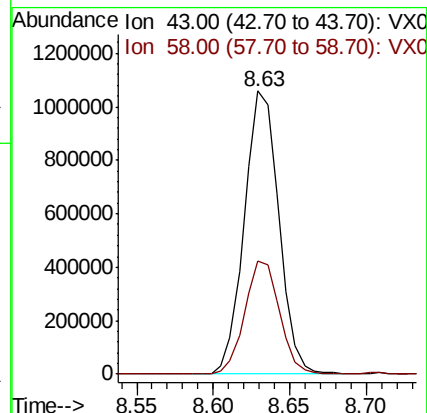
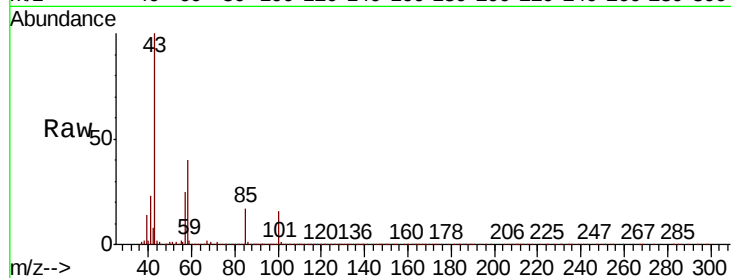
VSTDCCC050EC

Tot Ion: 43 Resp: 1660435

Ion Ratio Lower Upper

43 100

58 40.2 31.6 47.4



#52

Toluene

Concen: 48.700 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014809.D

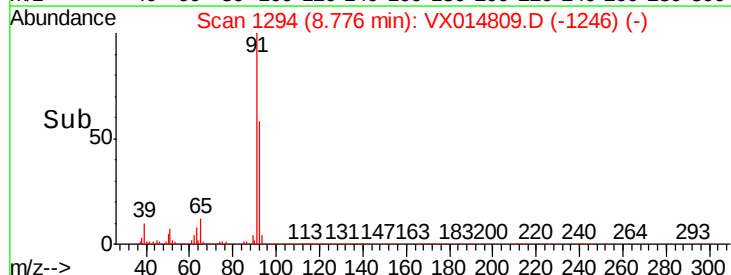
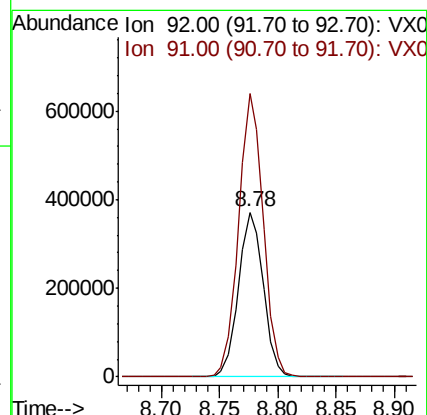
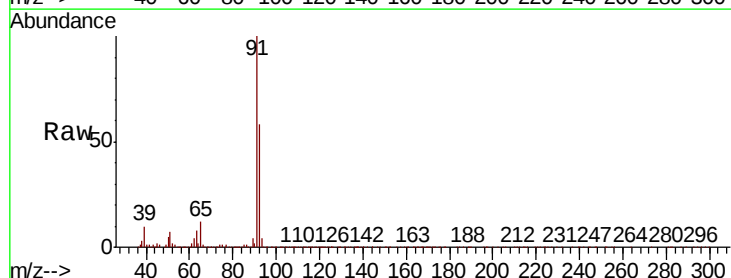
Acq: 04 Feb 2020 16:56

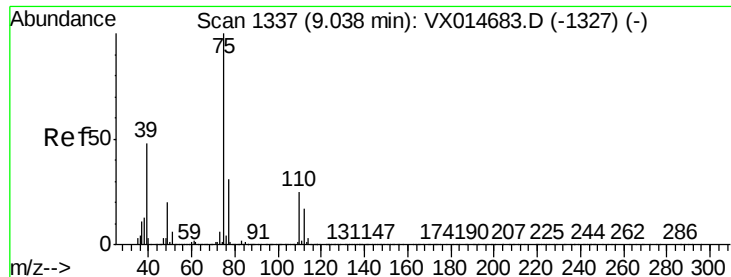
Tgt Ion: 92 Resp: 552835

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.079 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

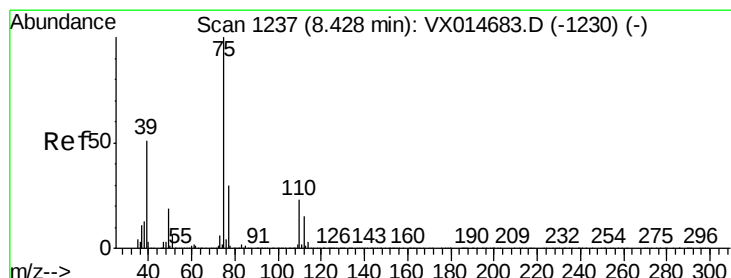
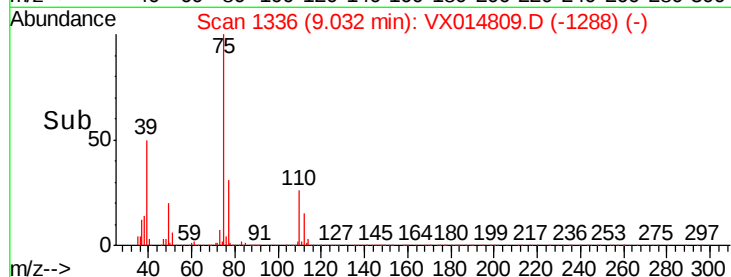
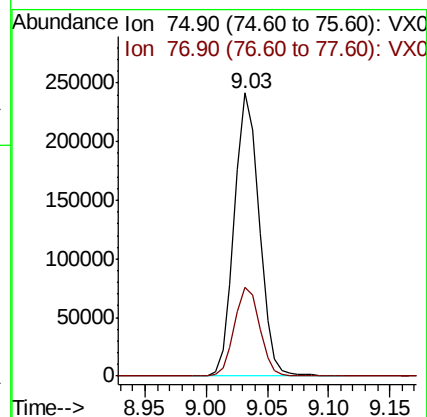
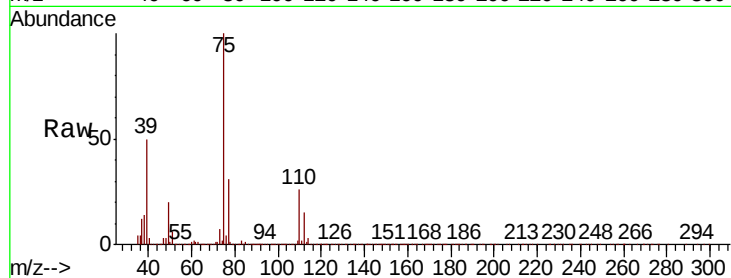
VSTDCCC050EC

Tot Ion: 75 Resp: 338890

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 51.626 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

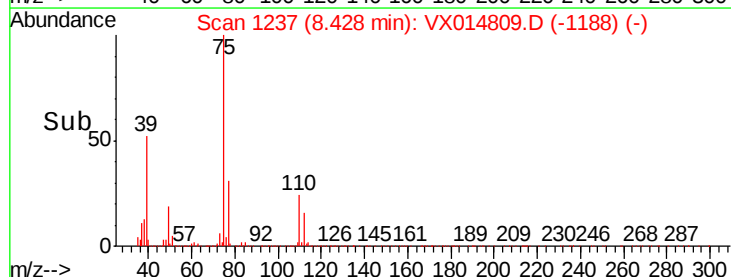
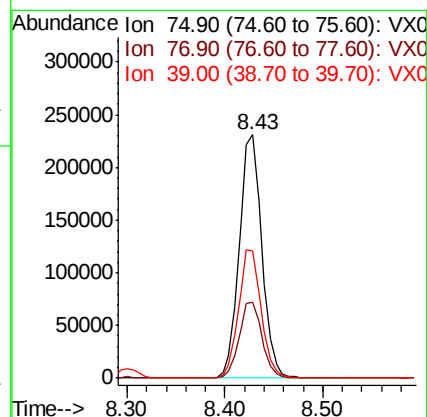
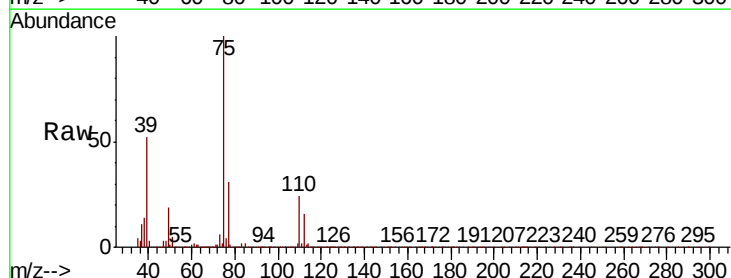
Tgt Ion: 75 Resp: 369567

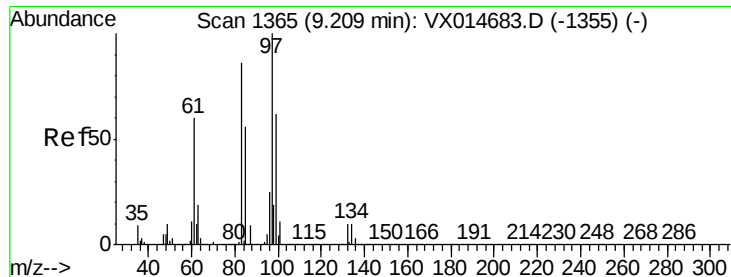
Ion Ratio Lower Upper

75 100

77 31.3 23.9 35.9

39 52.1 40.9 61.3

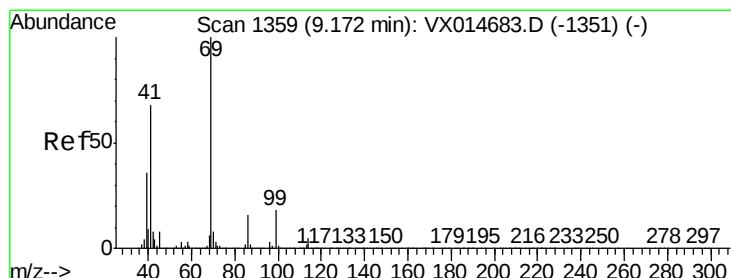
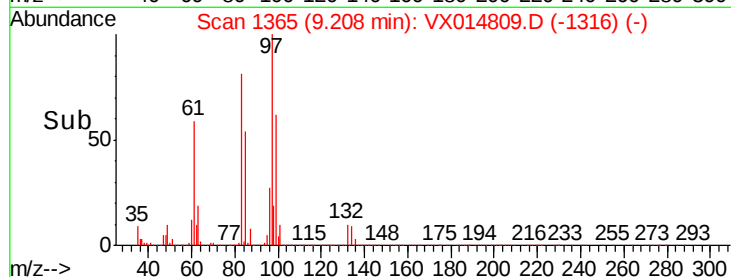
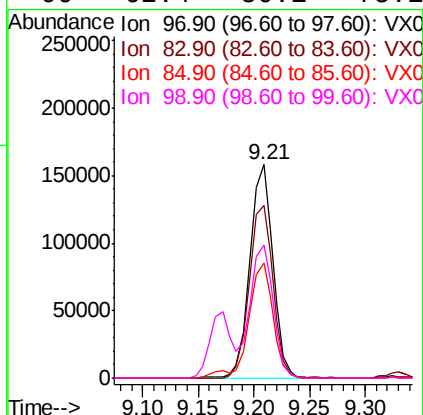
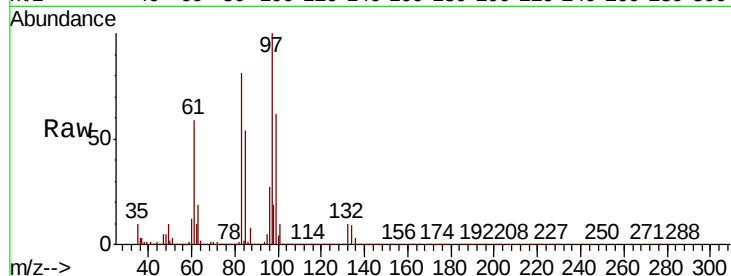




#55
 1,1,2-Trichloroethane
 Concen: 48.982 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

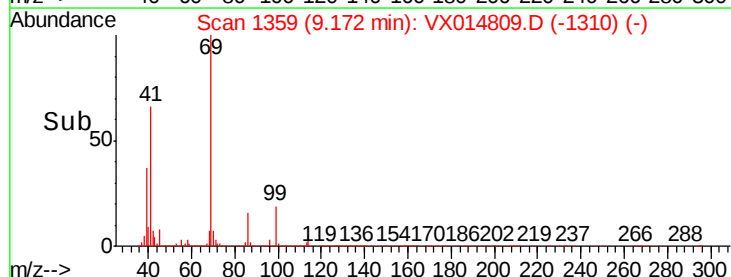
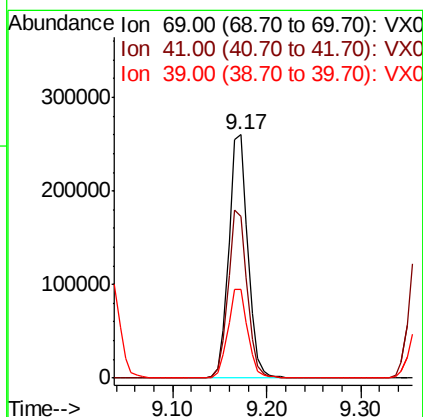
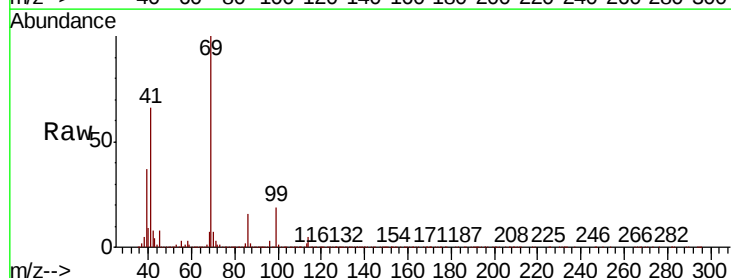
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

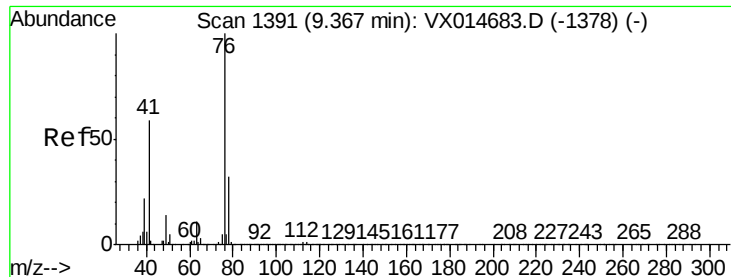
Tot Ion:	97	Resp:	227651
Ion	Ratio	Lower	Upper
97	100		
83	81.1	69.2	103.8
85	54.1	44.6	67.0
99	62.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 46.326 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion:	69	Resp:	363944
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.9	82.3
39	38.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 48.790 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

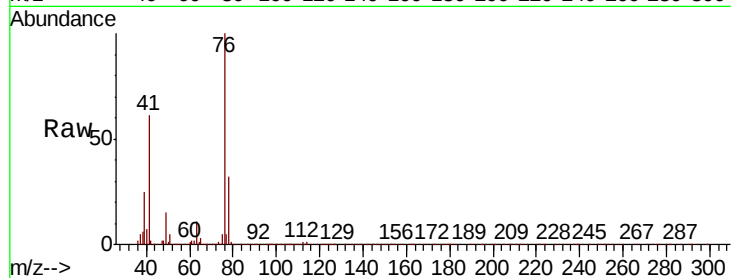
VSTDCCC050EC

Tot Ion: 76 Resp: 387634

Ion Ratio Lower Upper

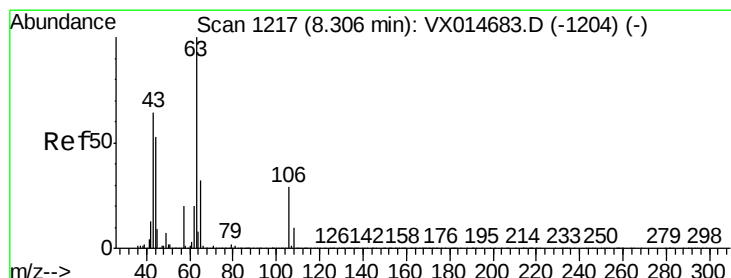
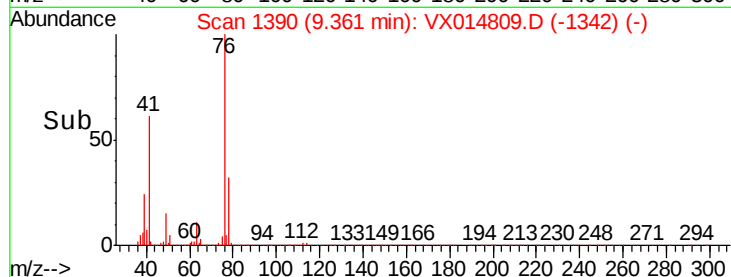
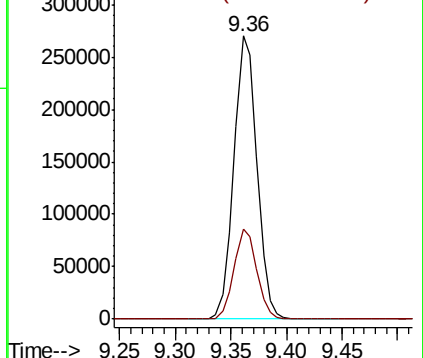
76 100

78 31.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.960 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014809.D

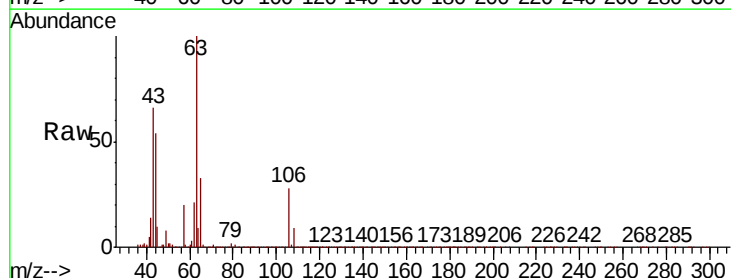
Acq: 04 Feb 2020 16:56

Tgt Ion: 63 Resp: 591256

Ion Ratio Lower Upper

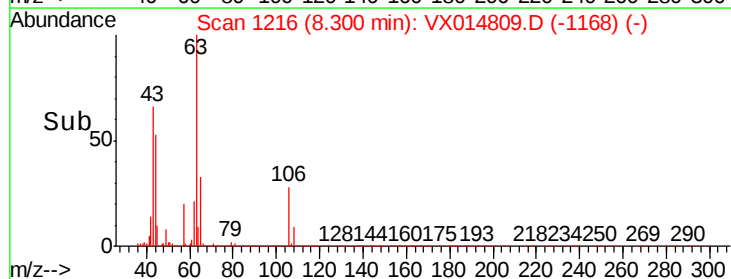
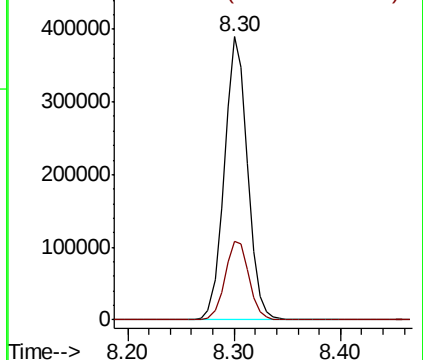
63 100

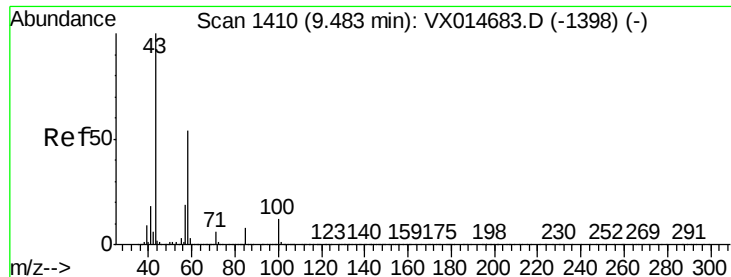
106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

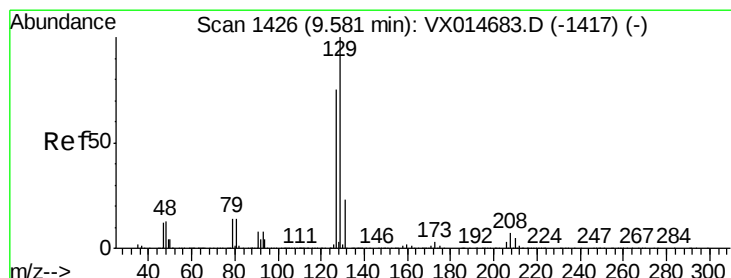
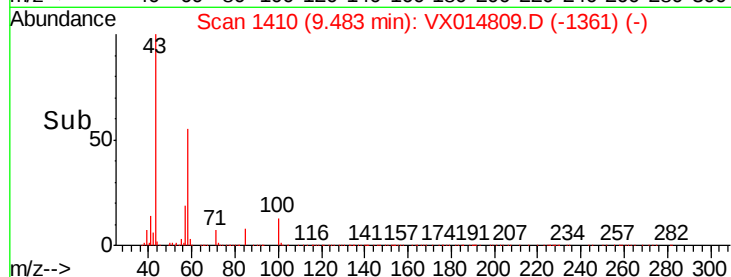
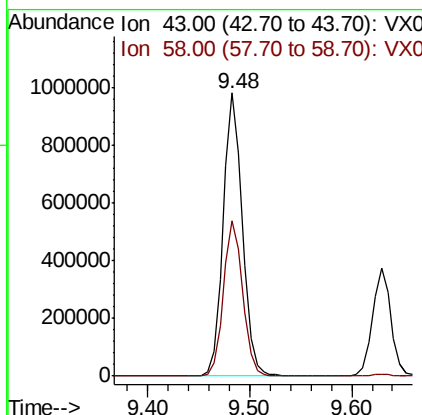
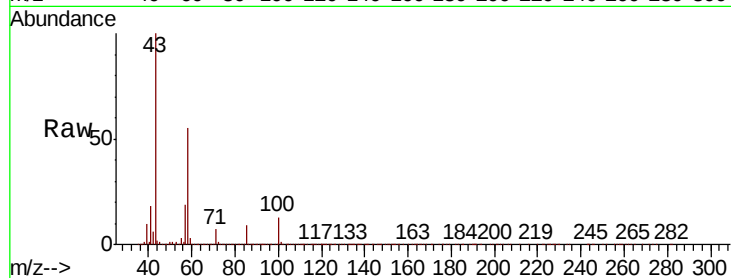




#59
2-Hexanone
Concen: 233.946 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

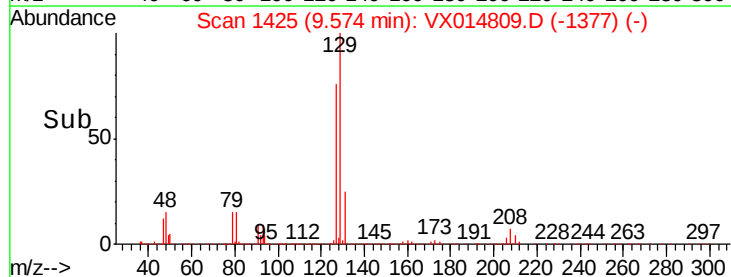
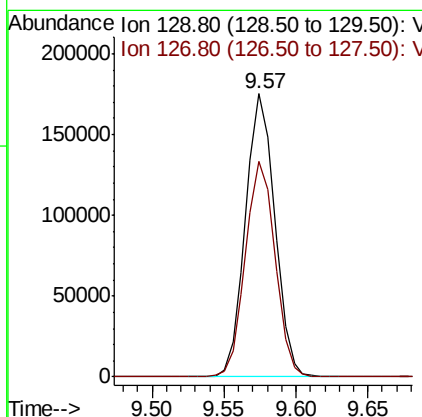
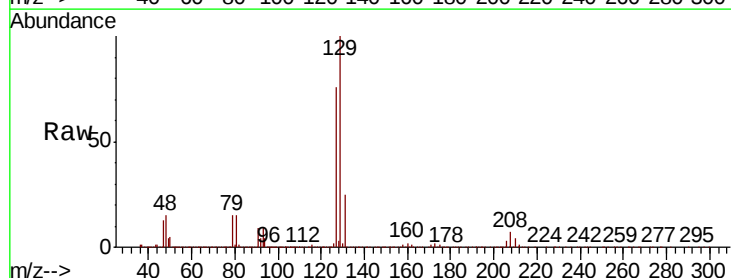
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

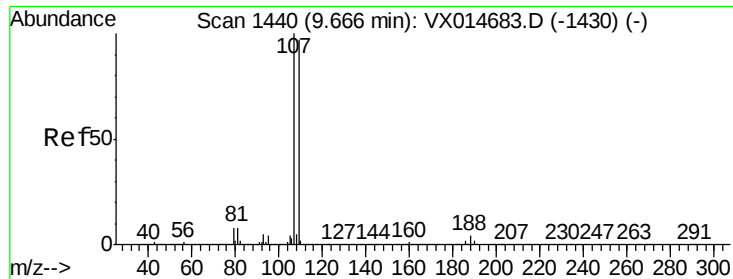
Tot Ion: 43 Resp: 1284382
Ion Ratio Lower Upper
43 100
58 55.2 27.2 81.5



#60
Dibromochloromethane
Concen: 51.024 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 129 Resp: 247529
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.259 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

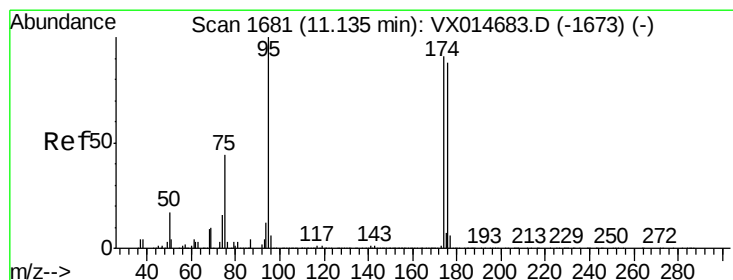
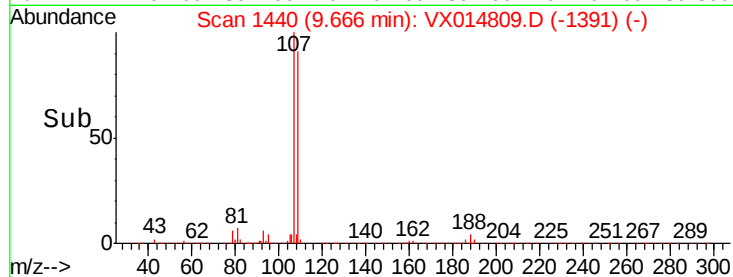
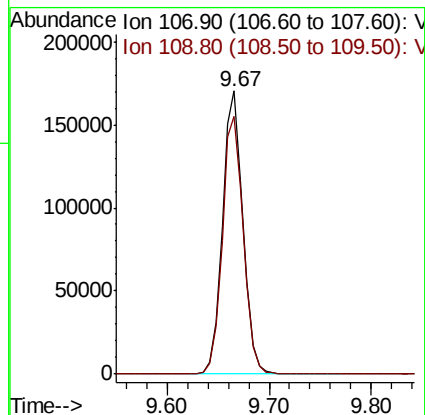
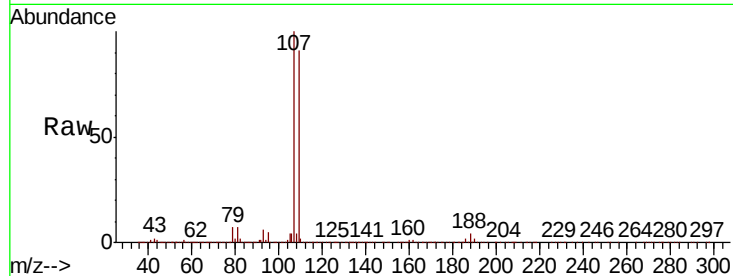
VSTDCCC050EC

Tot Ion:107 Resp: 237144

Ion Ratio Lower Upper

107 100

109 93.5 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 50.944 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

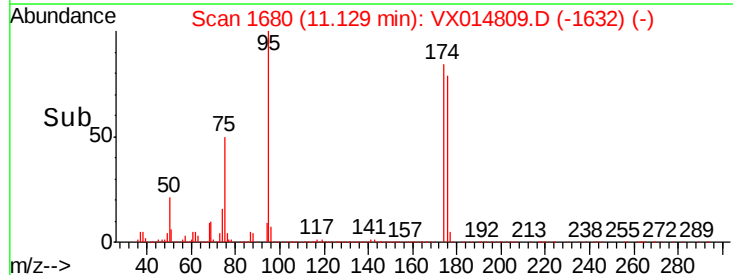
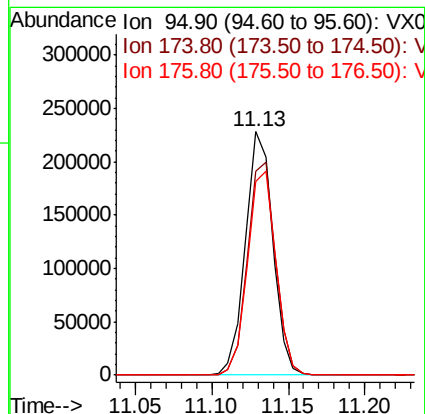
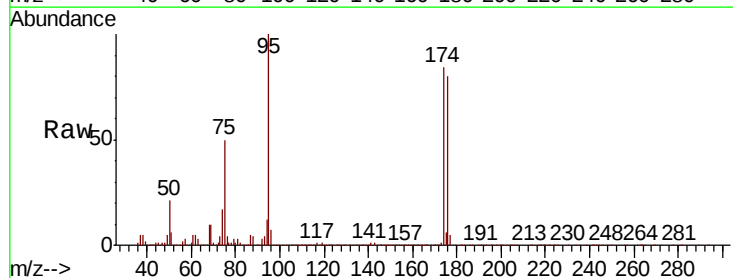
Tgt Ion: 95 Resp: 283157

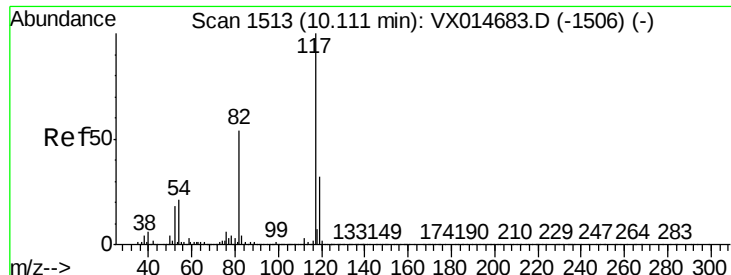
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

176 87.2 0.0 172.2

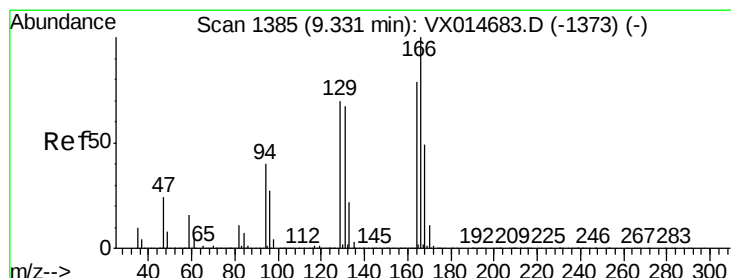
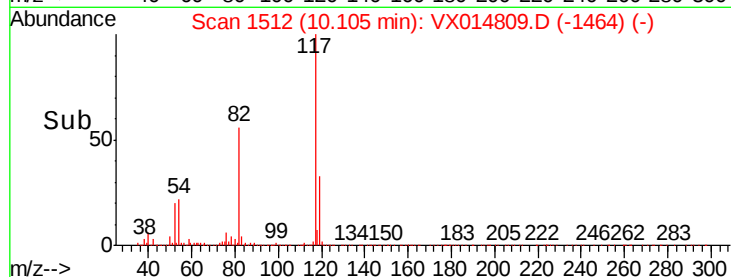
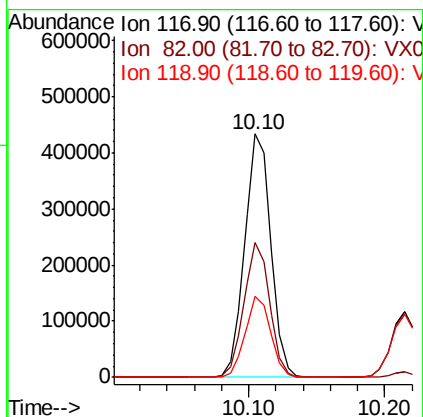
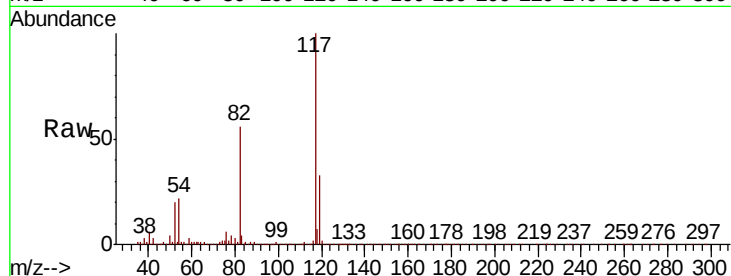




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

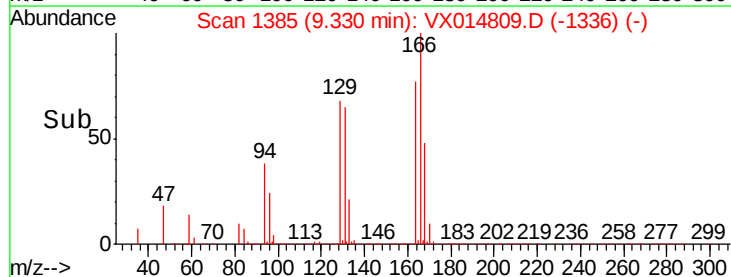
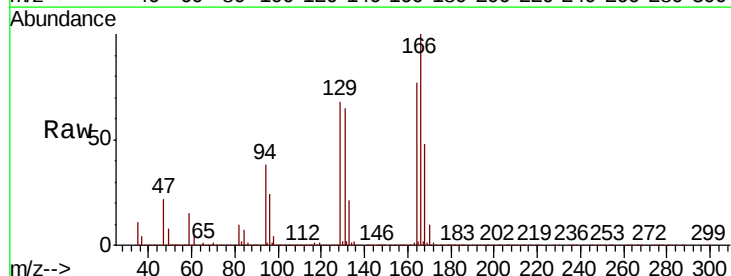
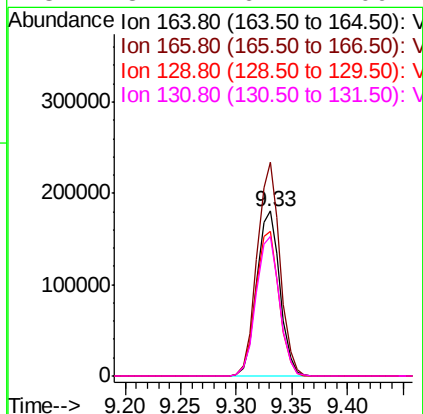
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

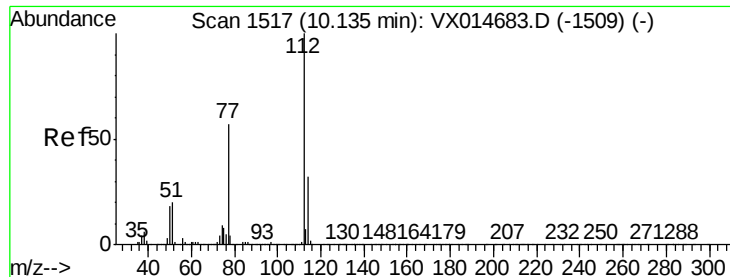
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.2	64.8
119	33.1	25.8	38.6



#64
Tetrachloroethene
Concen: 45.739 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.9	151.3
129	87.9	71.0	106.6
131	84.1	67.1	100.7

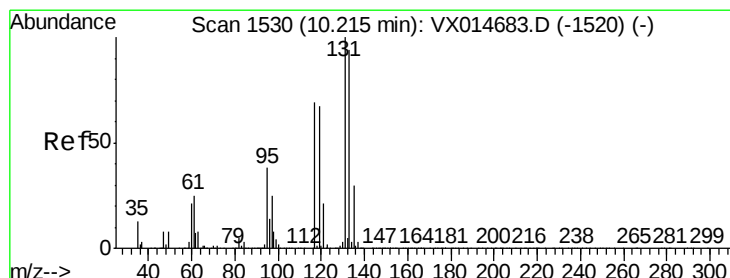
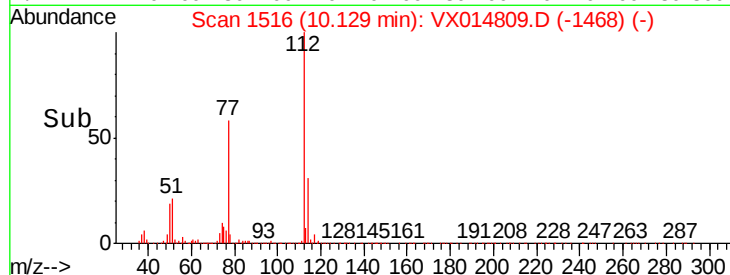
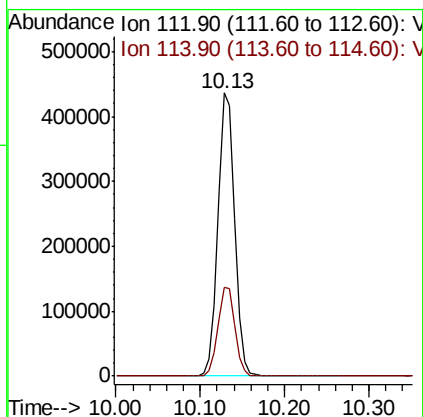
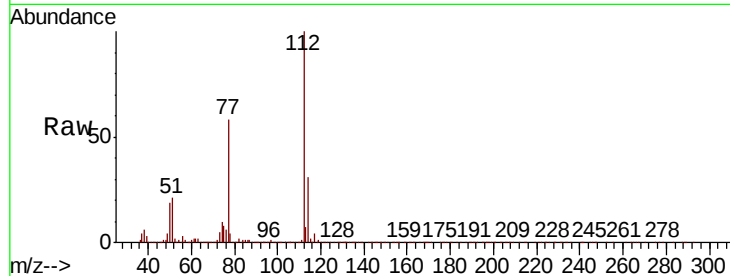




#65
Chlorobenzene
Concen: 48.461 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

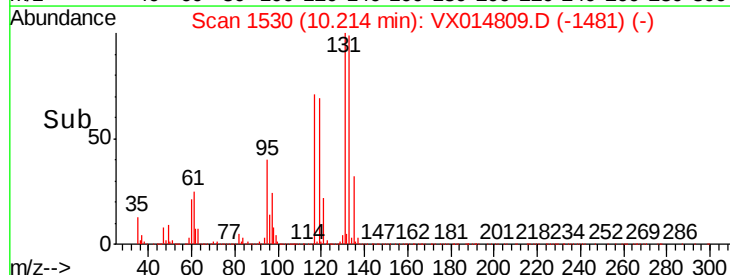
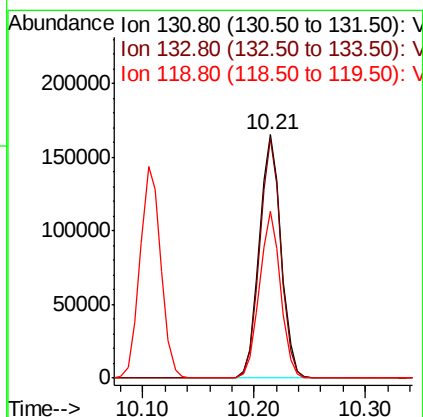
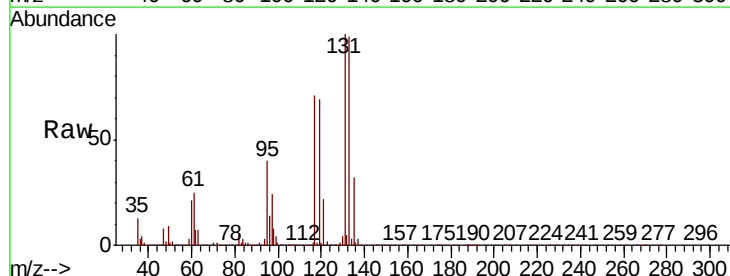
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

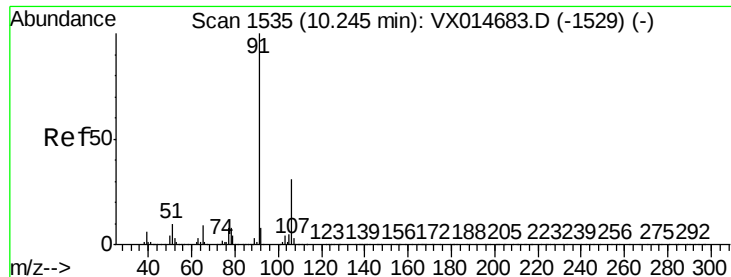
Tot Ion:112 Resp: 604580
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.067 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:131 Resp: 225699
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 66.8 33.3 99.8

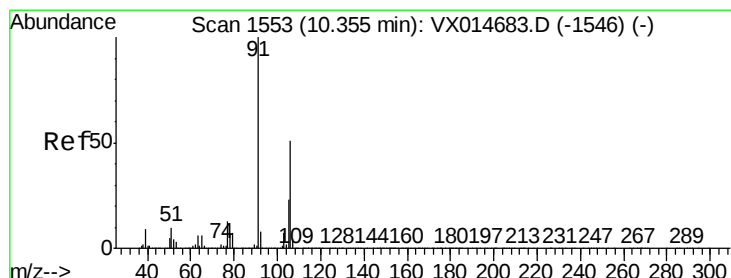
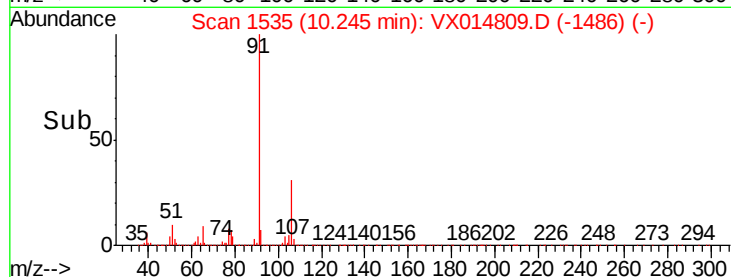
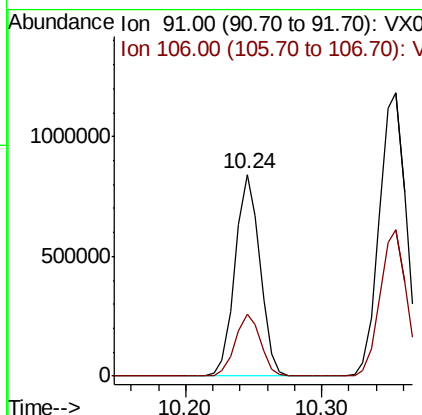
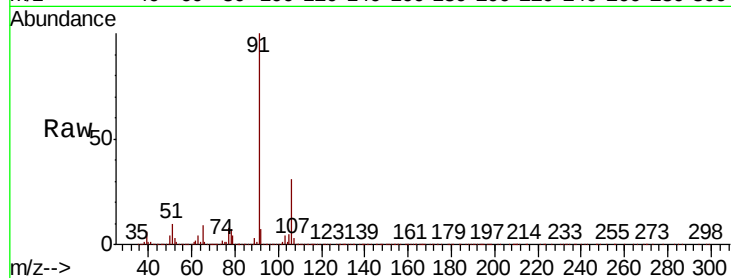




#67
Ethyl Benzene
Concen: 50.299 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

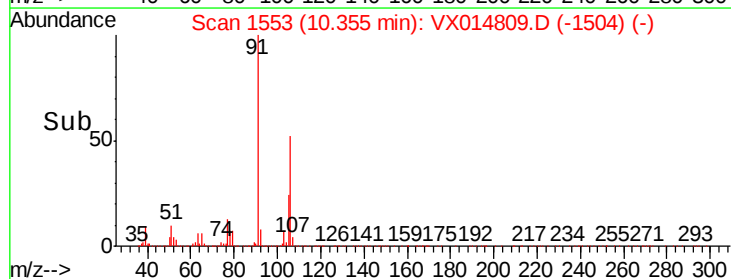
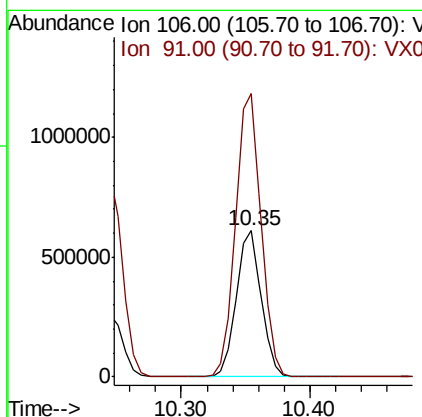
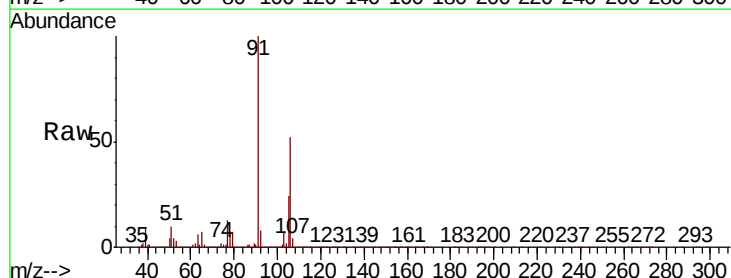
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

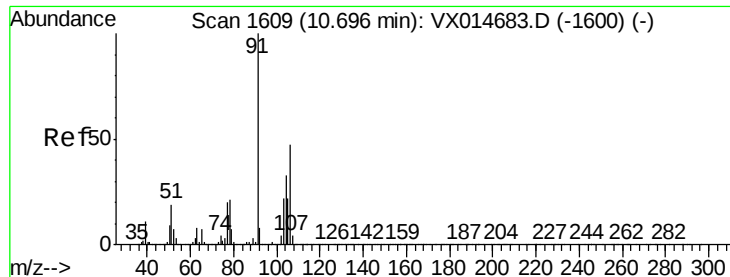
Tot Ion: 91 Resp: 1071469
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 101.561 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 106 Resp: 819611
Ion Ratio Lower Upper
106 100
91 198.3 159.4 239.2

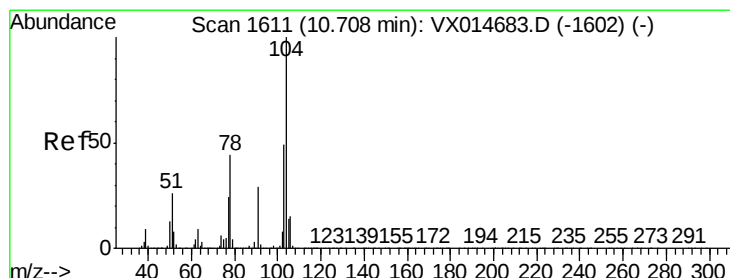
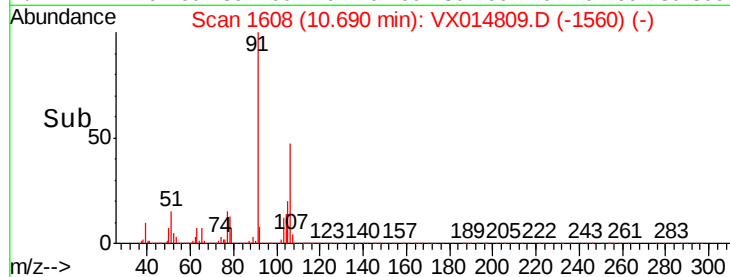
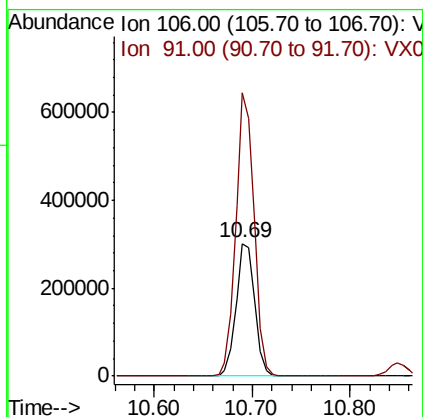
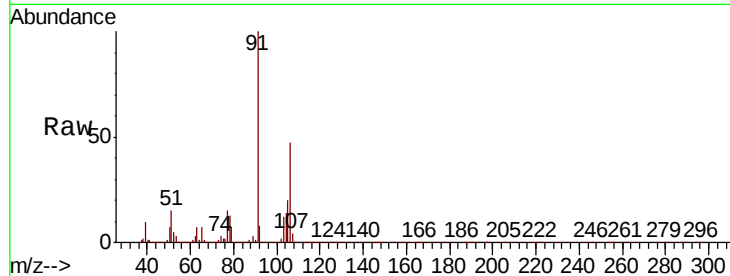




#69
o-Xylene
Concen: 50.951 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

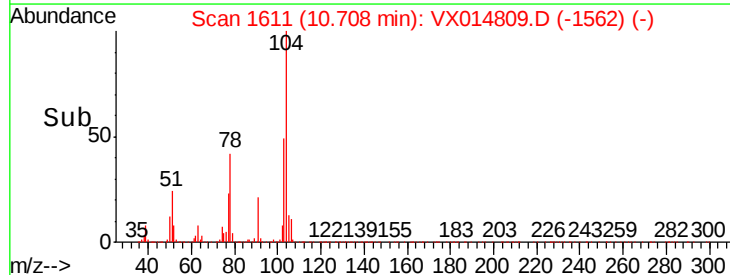
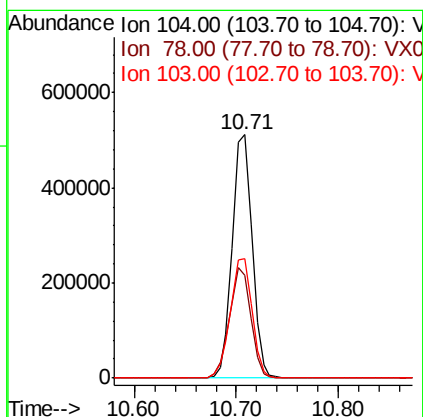
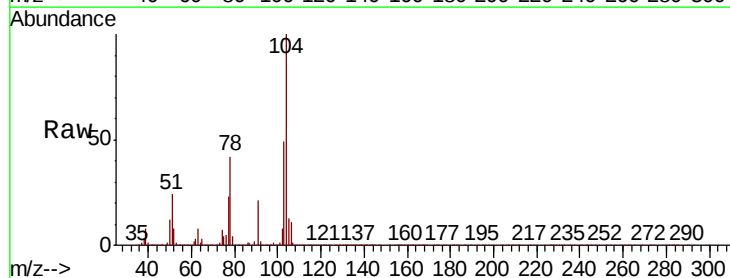
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

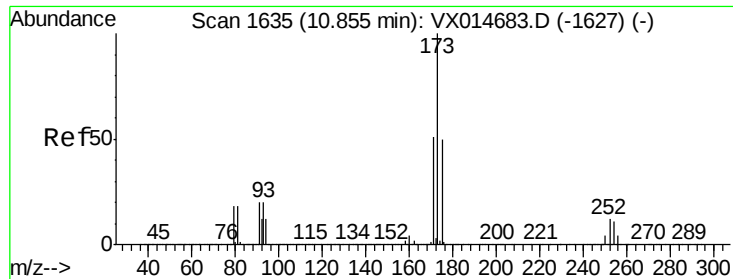
Tot Ion:106 Resp: 396955
Ion Ratio Lower Upper
106 100
91 208.9 106.2 318.6



#70
Styrene
Concen: 52.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:104 Resp: 688451
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 53.8 43.5 65.3





#71

Bromoform

Concen: 52.106 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

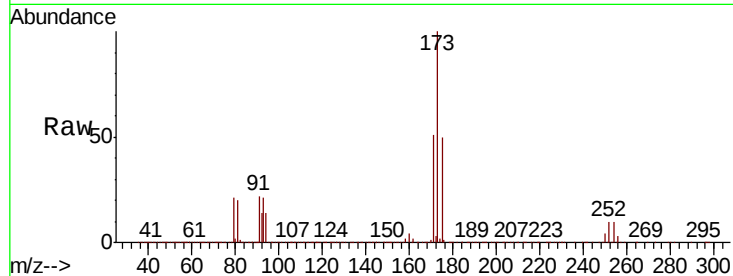
Tot Ion:173 Resp: 190601

Ion Ratio Lower Upper

173 100

175 49.7 24.6 73.6

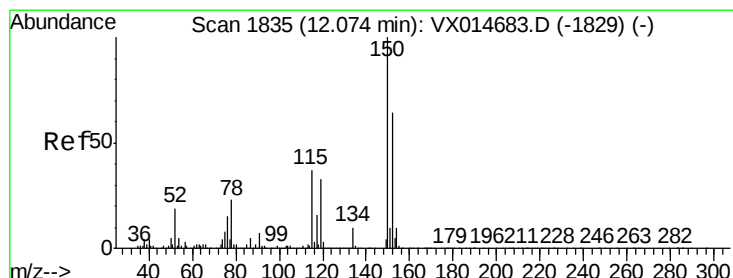
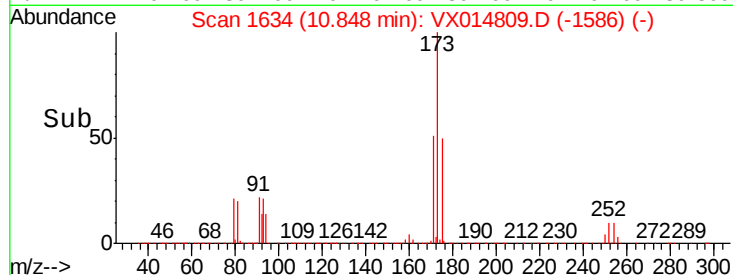
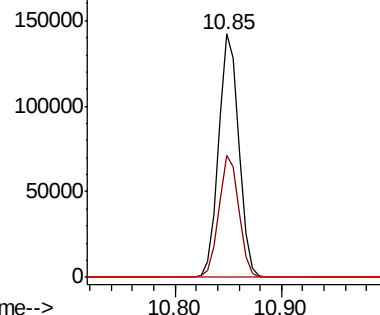
254 0.2 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

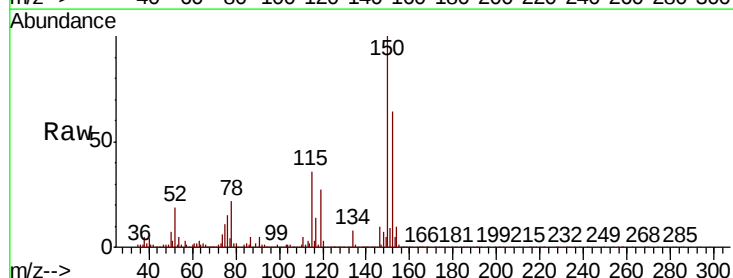
Tgt Ion:152 Resp: 307830

Ion Ratio Lower Upper

152 100

115 78.2 39.4 118.1

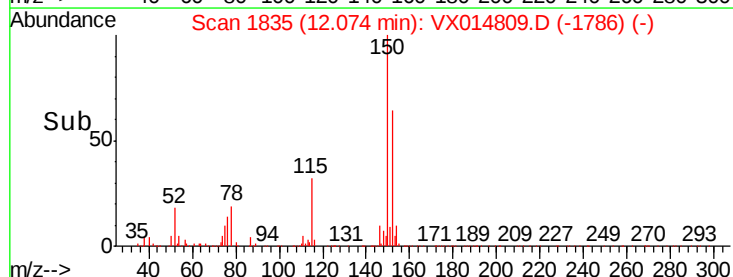
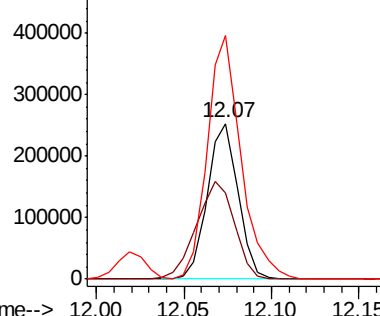
150 171.9 0.0 351.2

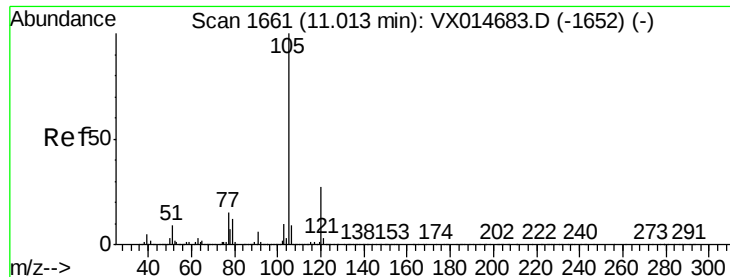


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.110 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

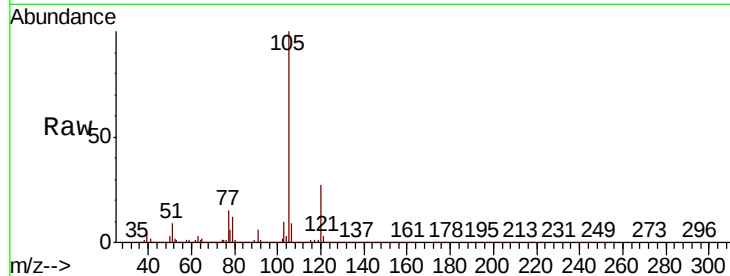
VSTDCCC050EC

Tot Ion:105 Resp: 1062962

Ion Ratio Lower Upper

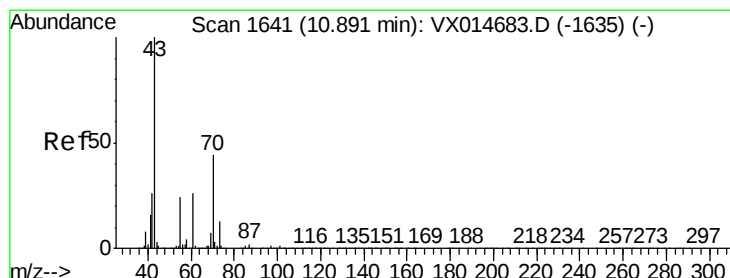
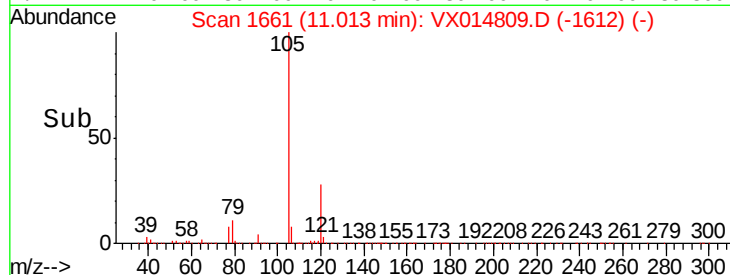
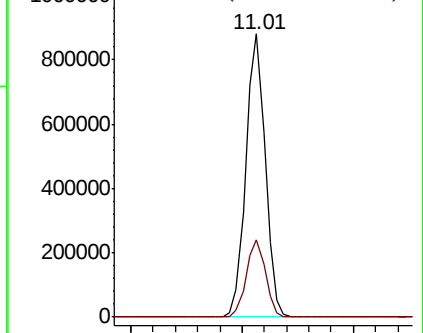
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.267 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion: 43 Resp: 476777

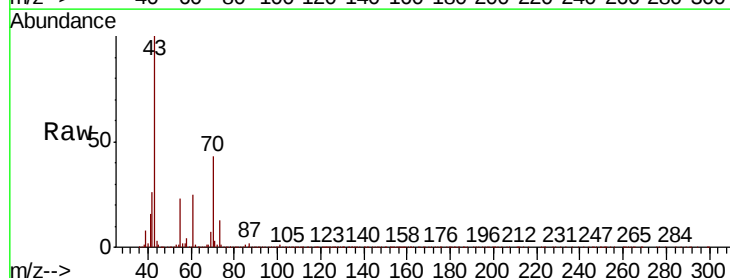
Ion Ratio Lower Upper

43 100

70 42.4 34.6 52.0

55 23.8 19.4 29.2

61 24.7 19.8 29.6

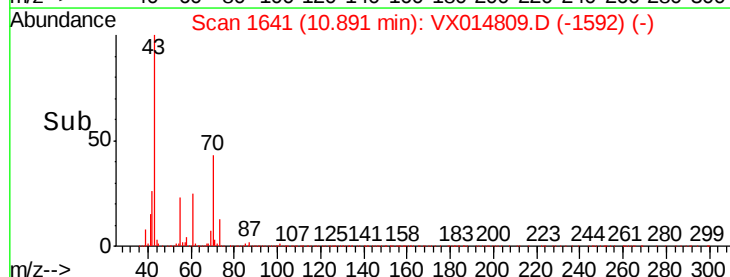
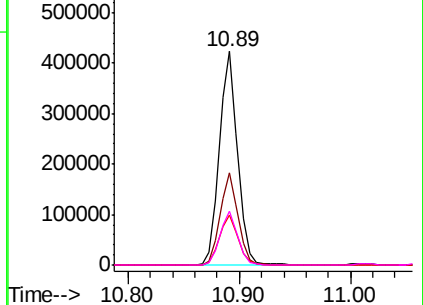


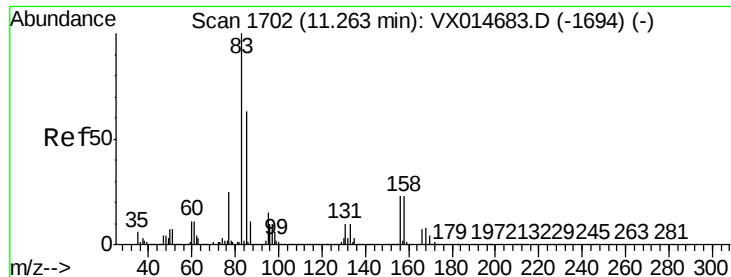
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.604 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

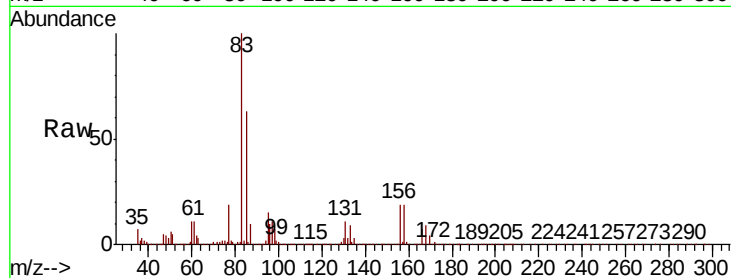
Tot Ion: 83 Resp: 344708

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

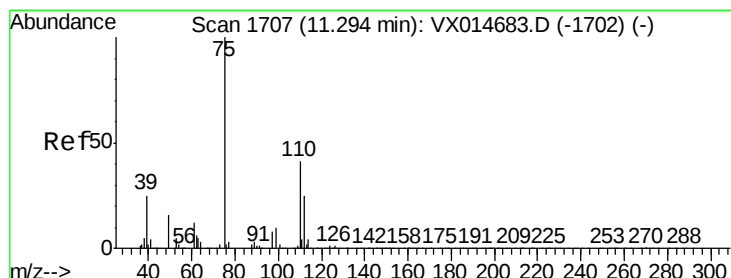
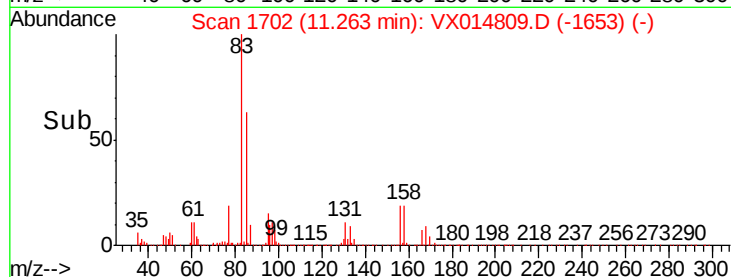
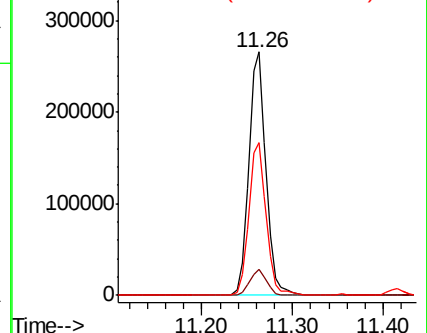
85 63.5 31.7 95.1



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: 57.389 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014809.D

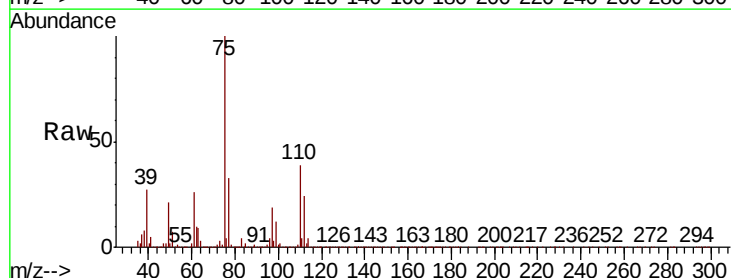
Acq: 04 Feb 2020 16:56

Tgt Ion: 75 Resp: 411014

Ion Ratio Lower Upper

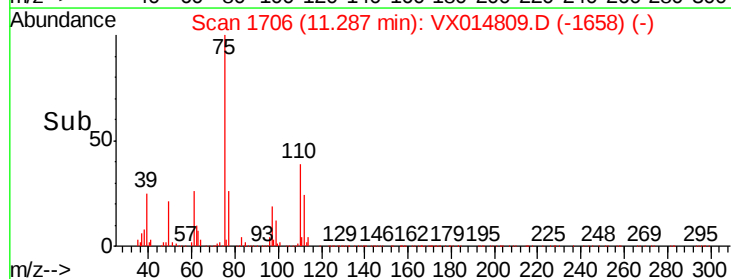
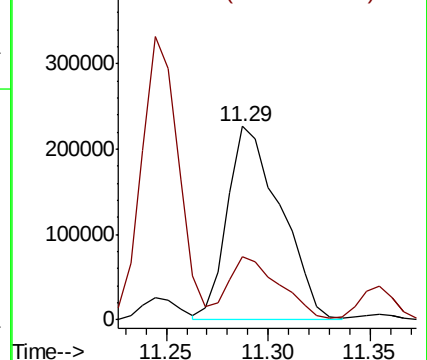
75 100

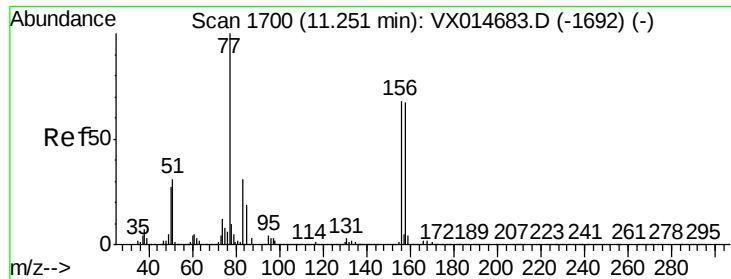
77 31.8 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.268 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

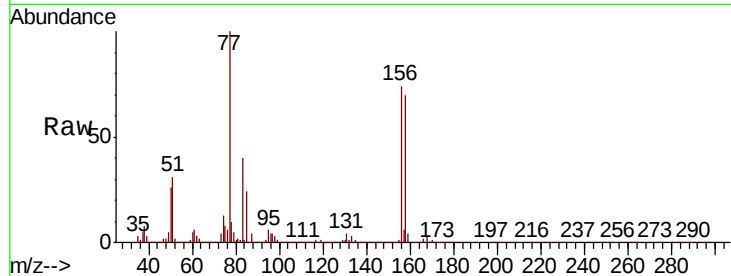
Tot Ion:156 Resp: 280664

Ion Ratio Lower Upper

156 100

77 148.3 77.5 232.5

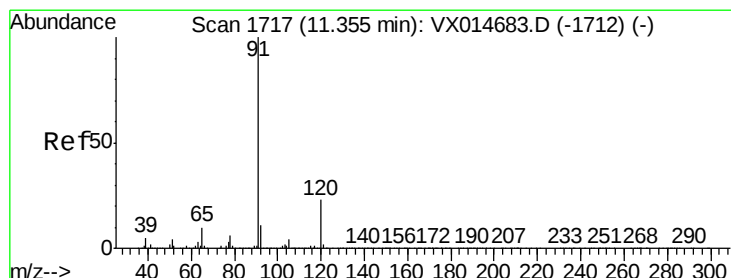
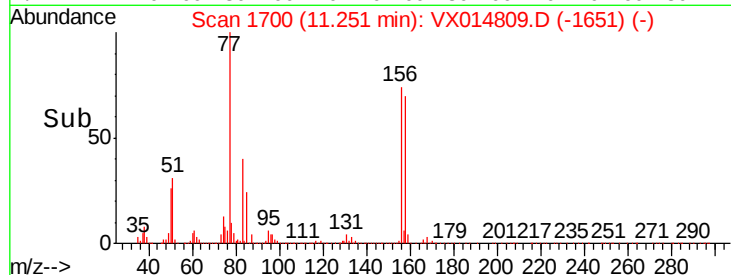
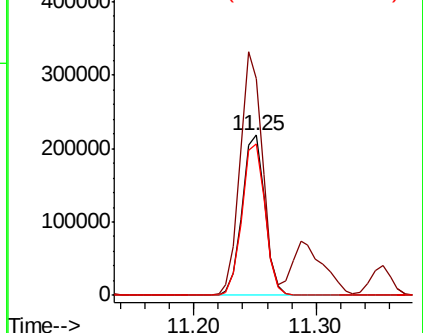
158 95.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.444 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014809.D

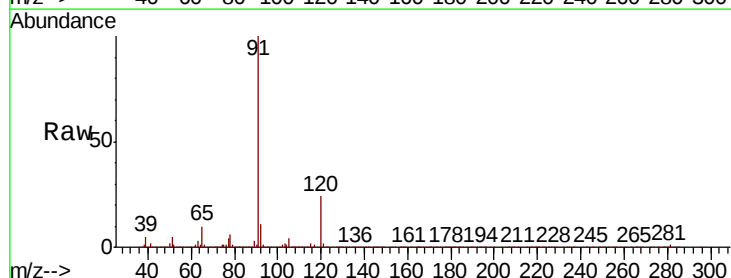
Acq: 04 Feb 2020 16:56

Tgt Ion: 91 Resp: 1214767

Ion Ratio Lower Upper

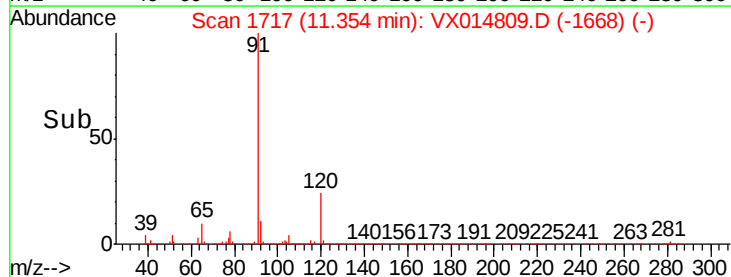
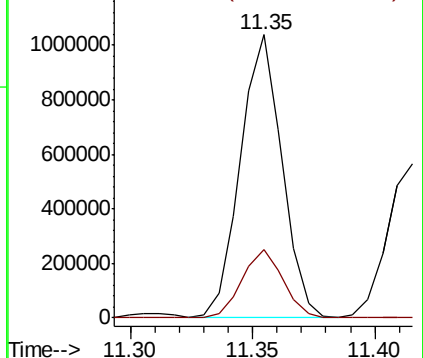
91 100

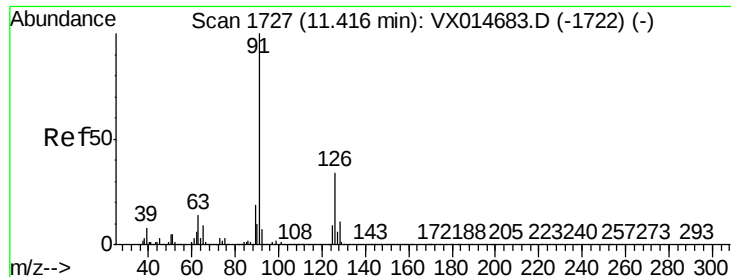
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.160 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

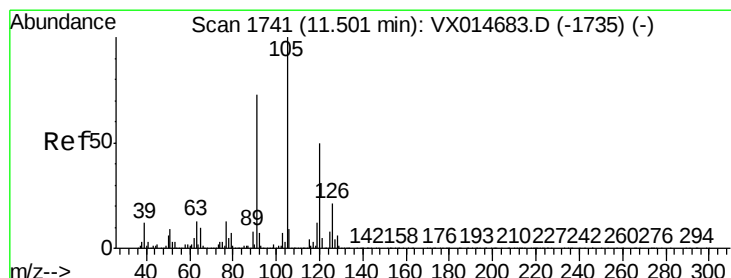
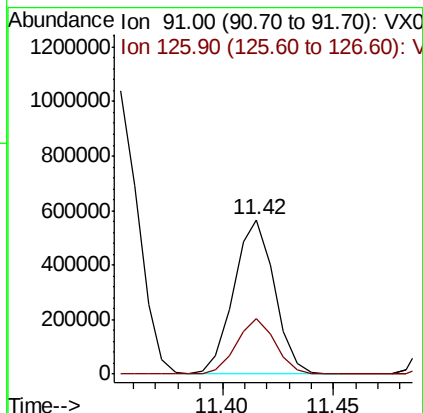
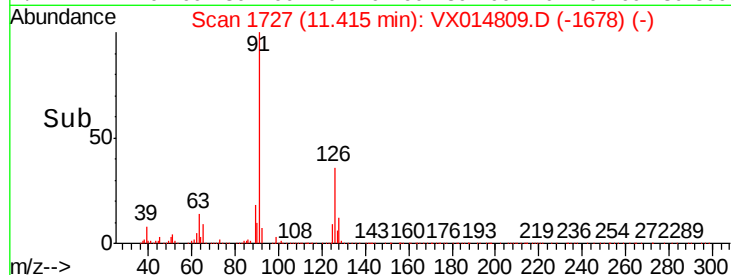
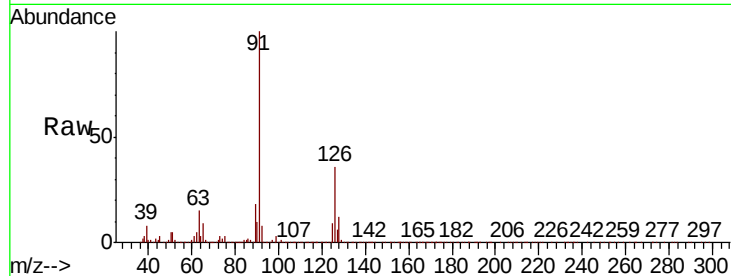
VSTDCCC050EC

Tot Ion: 91 Resp: 715930

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 49.791 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014809.D

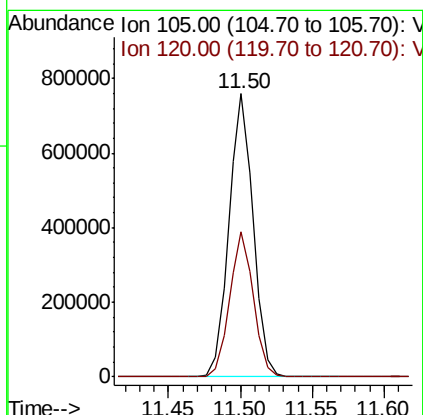
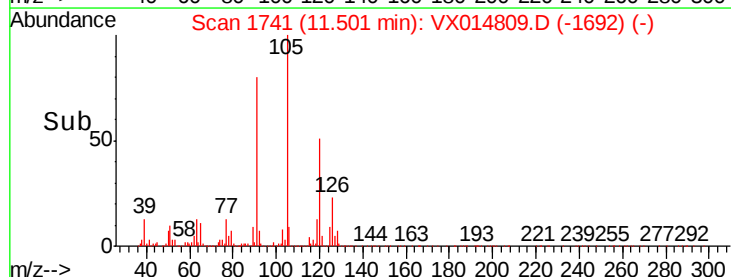
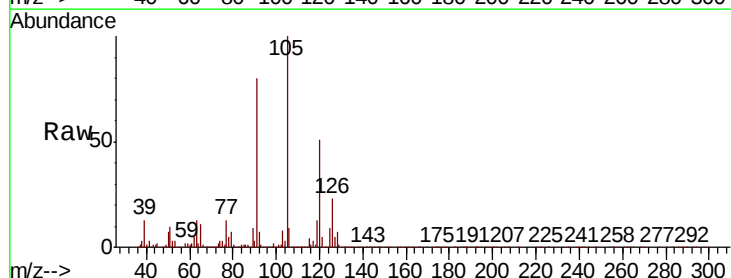
Acq: 04 Feb 2020 16:56

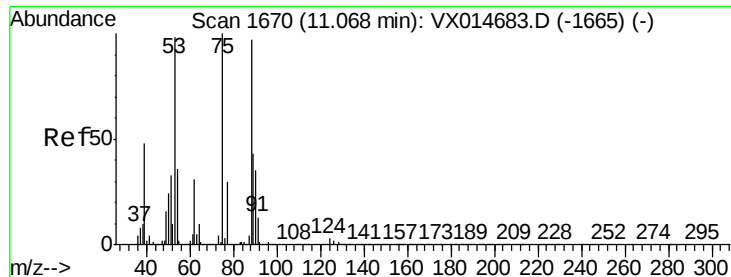
Tgt Ion: 105 Resp: 894457

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6

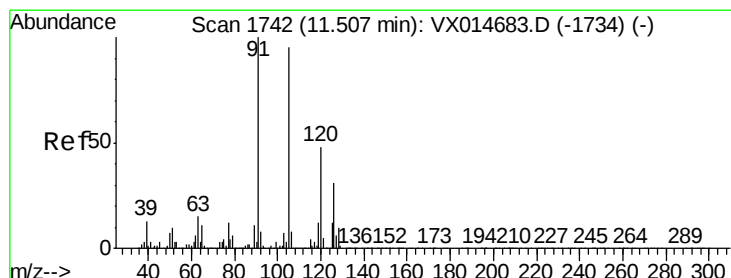
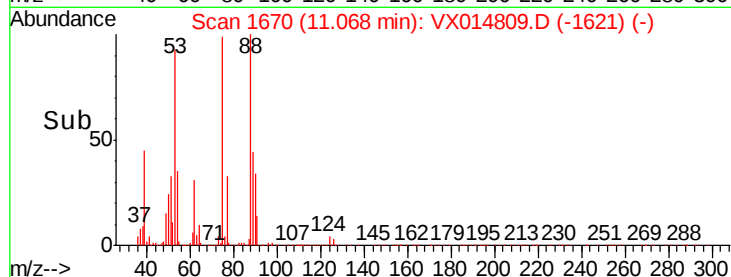
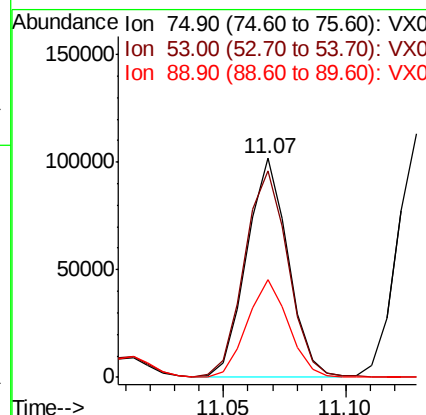
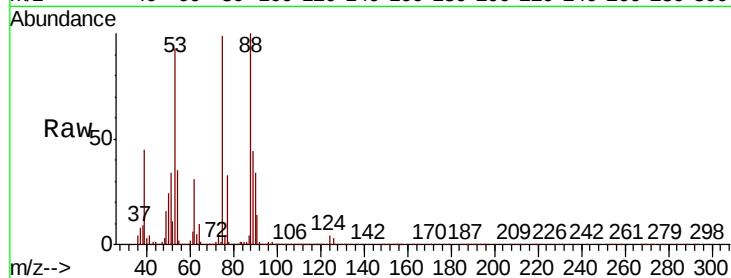




#81
trans-1,4-Dichloro-2-butene
Concen: 47.588 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

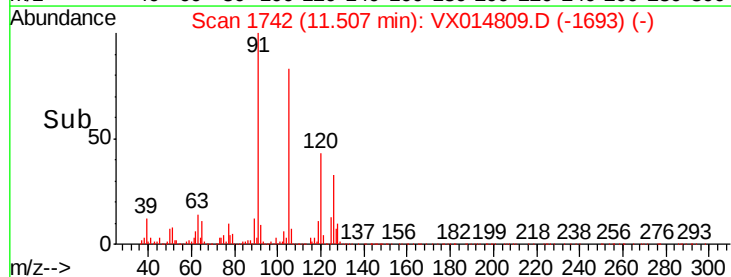
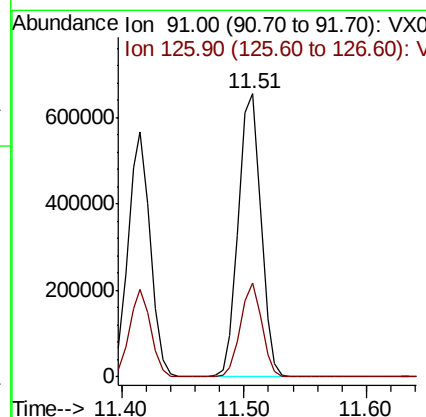
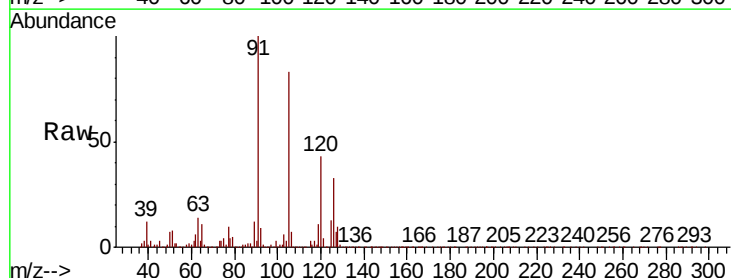
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

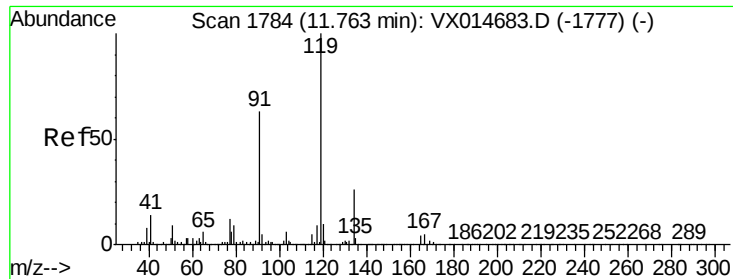
Tot Ion: 75 Resp: 119761
Ion Ratio Lower Upper
75 100
53 98.7 78.8 118.2
89 45.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.131 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 91 Resp: 831485
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.4

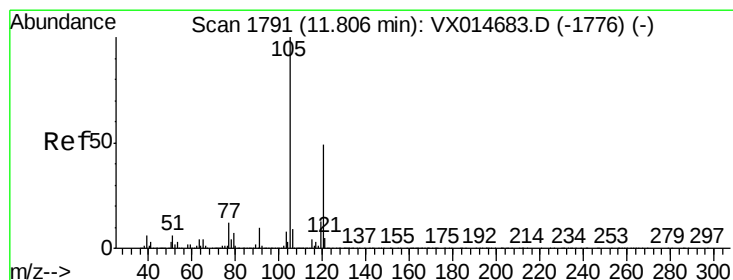
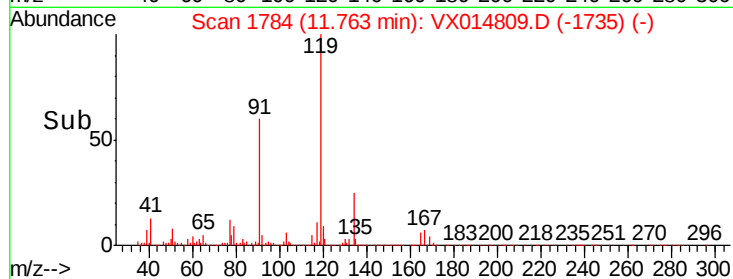
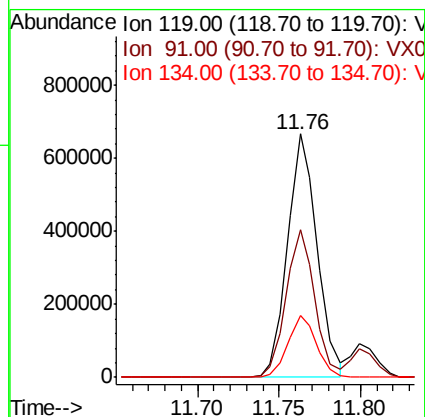
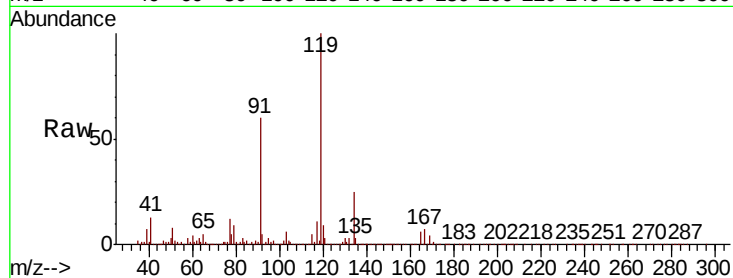




#83
tert-Butylbenzene
Concen: 49.802 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

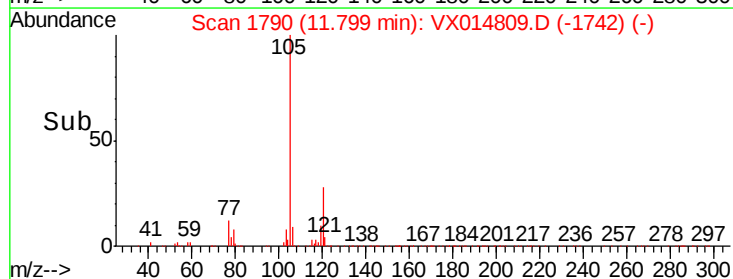
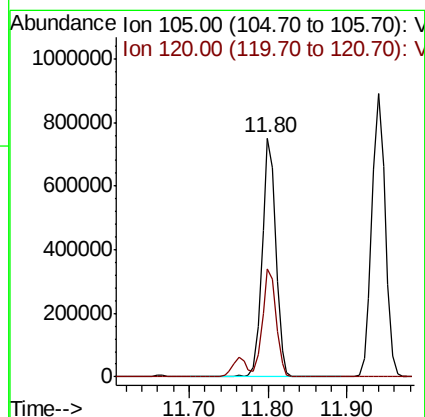
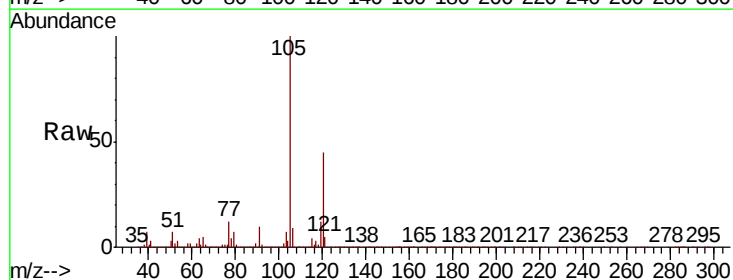
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

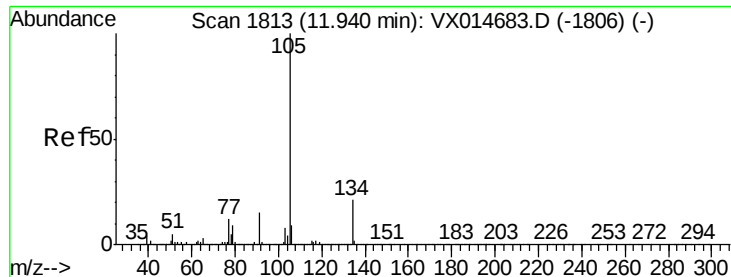
Tot Ion:119 Resp: 840685
Ion Ratio Lower Upper
119 100
91 58.6 30.0 90.0
134 24.7 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 50.288 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:105 Resp: 906140
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 51.083 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

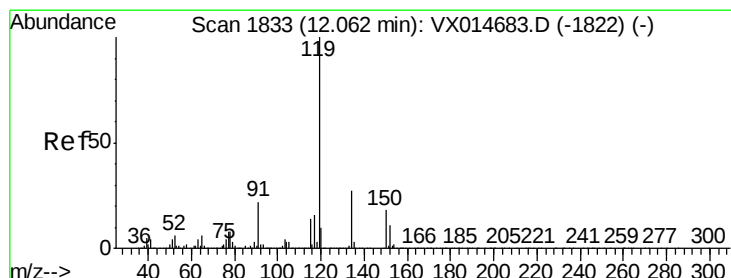
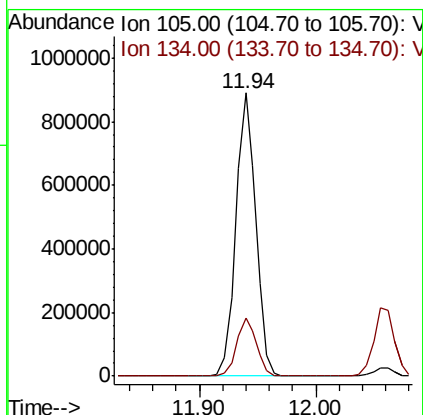
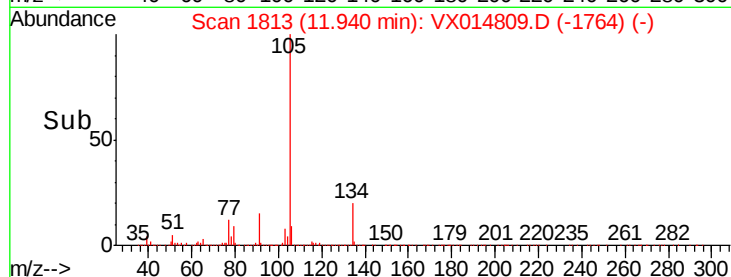
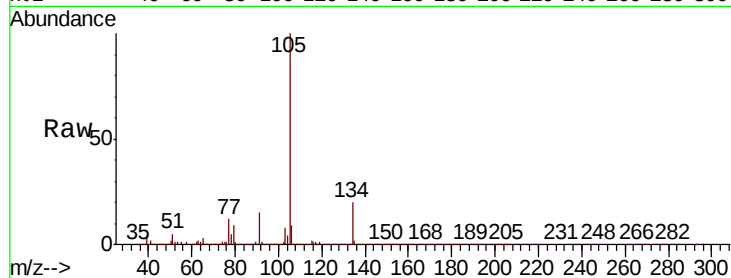
VSTDCCC050EC

Tot Ion:105 Resp: 1056376

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.254 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

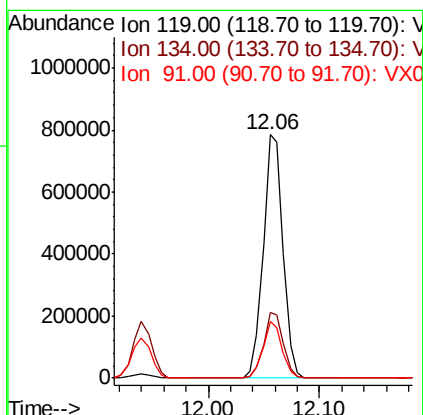
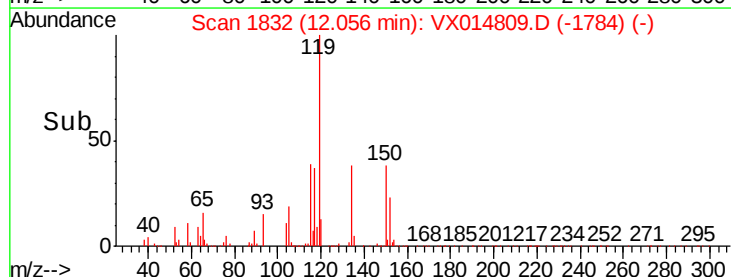
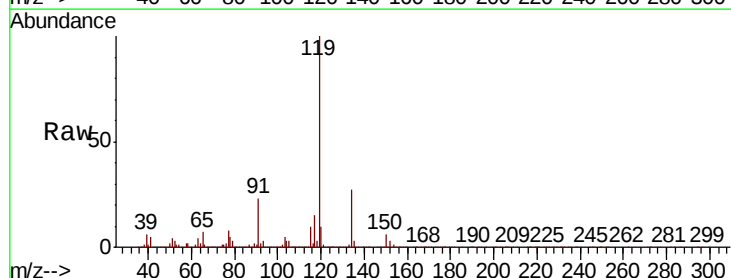
Tgt Ion:119 Resp: 979534

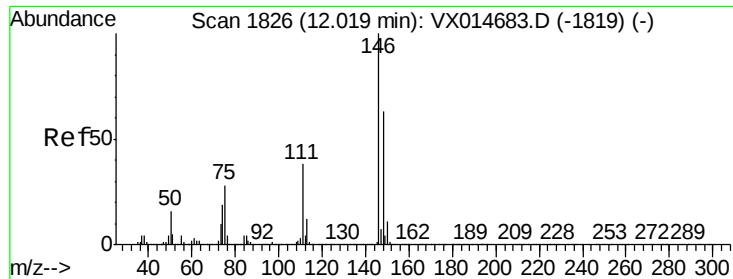
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.752 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

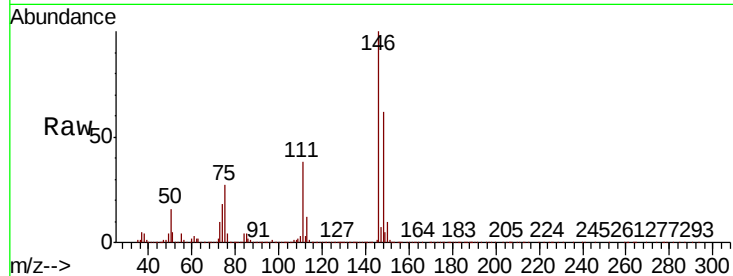
Tot Ion:146 Resp: 499017

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

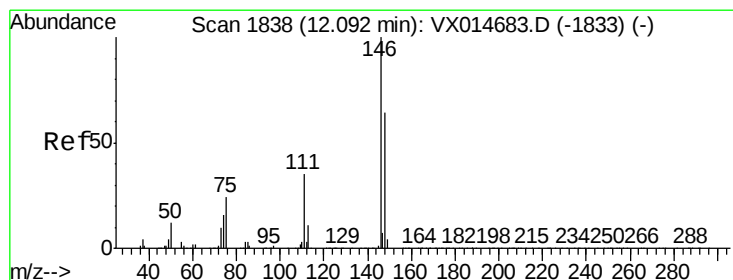
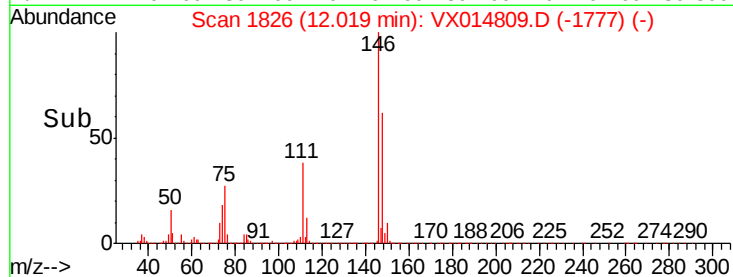
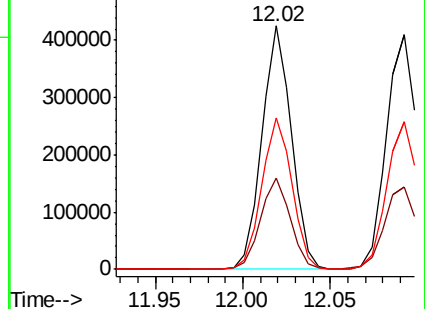
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.280 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

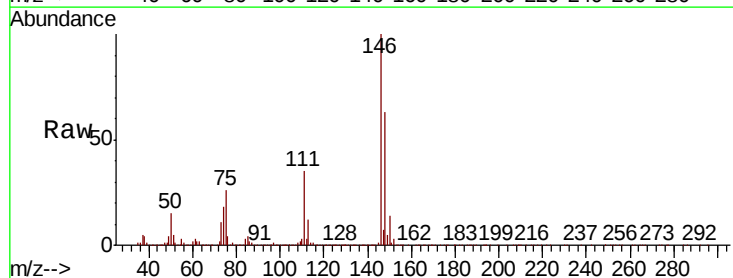
Tgt Ion:146 Resp: 505386

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.8

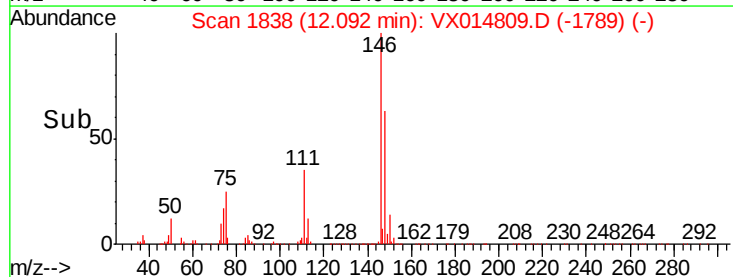
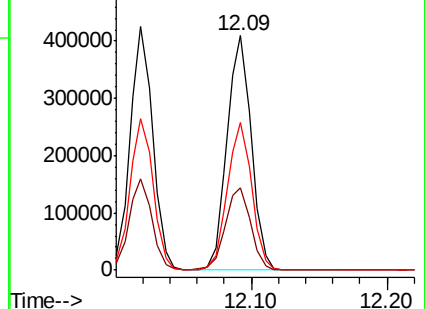
148 63.1 32.0 96.2

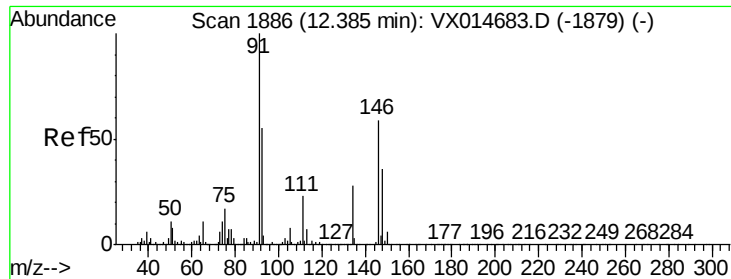


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

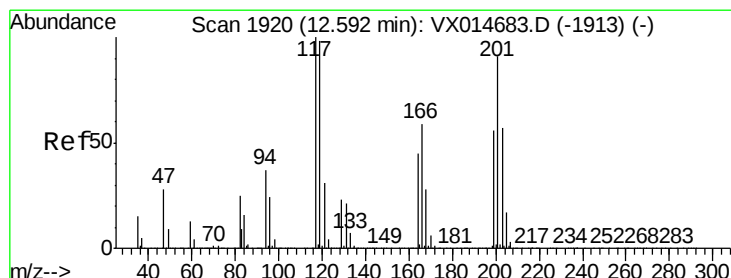
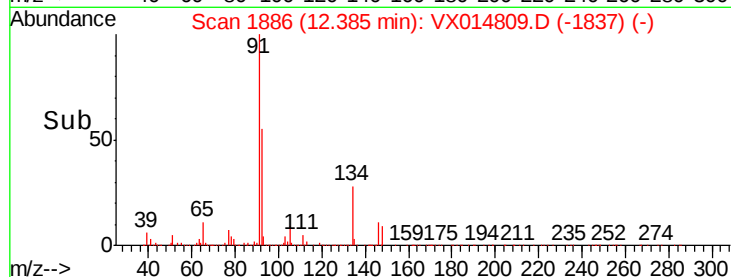
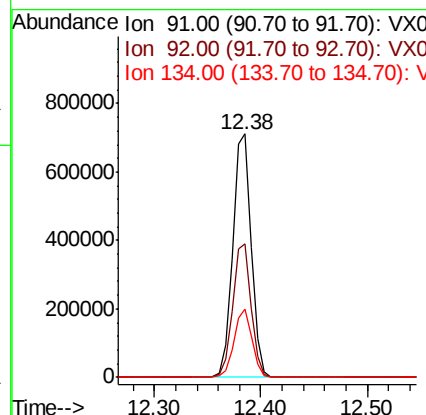
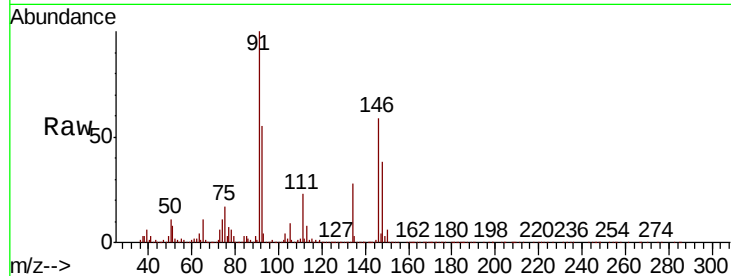




#89
n-Butylbenzene
Concen: 51.968 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

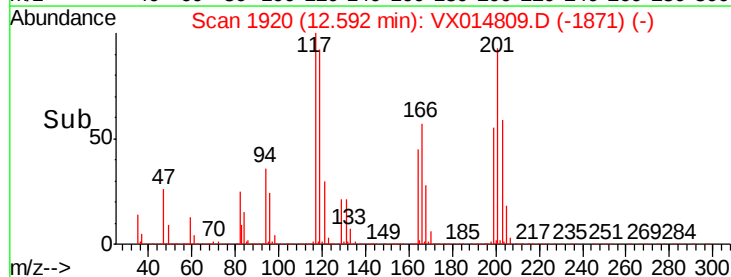
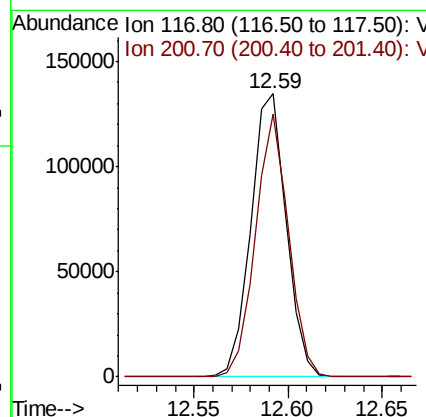
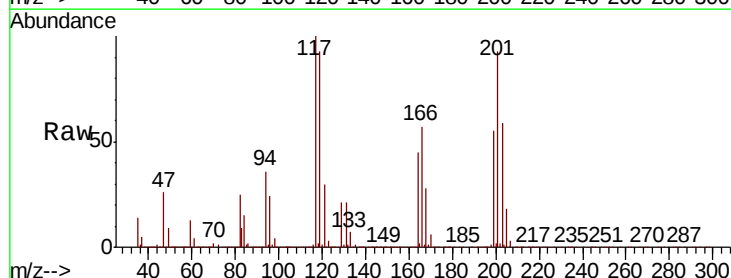
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

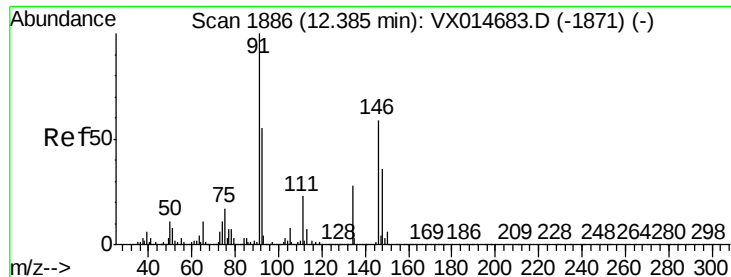
Tot Ion: 91 Resp: 864994
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 27.3 13.3 39.8



#90
Hexachloroethane
Concen: 49.207 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 117 Resp: 174673
Ion Ratio Lower Upper
117 100
201 86.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 48.233 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

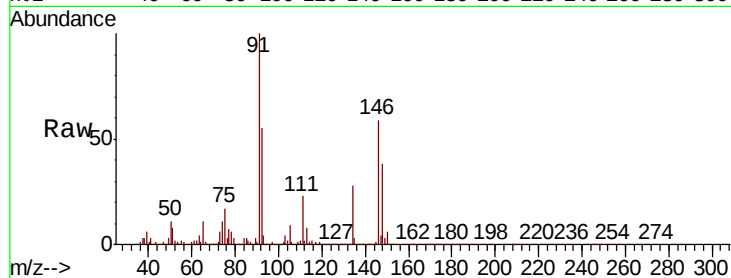
Tot Ion:146 Resp: 500609

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

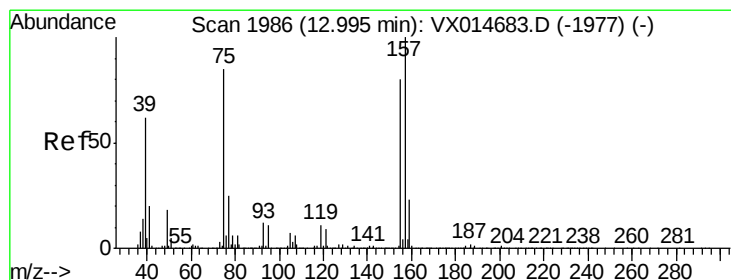
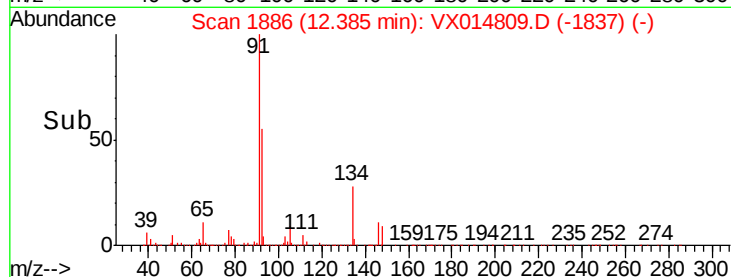
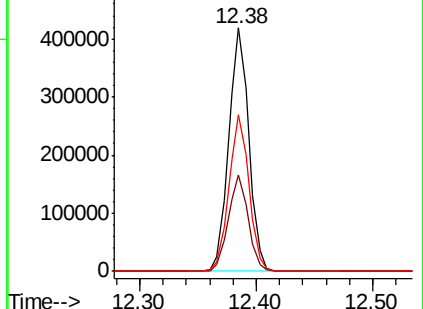
148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.444 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

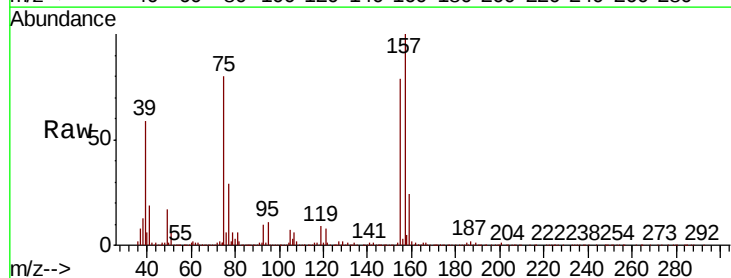
Tgt Ion: 75 Resp: 75455

Ion Ratio Lower Upper

75 100

155 98.4 45.6 136.9

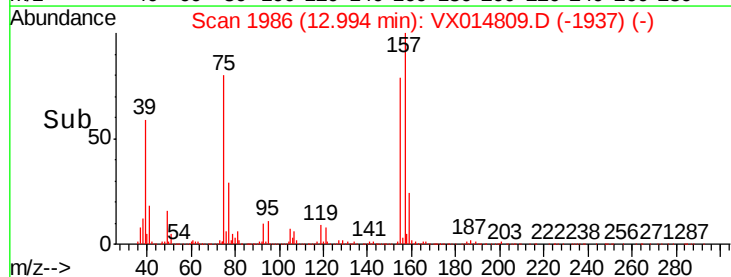
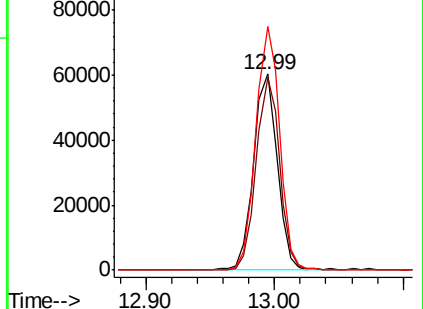
157 125.9 60.3 180.9

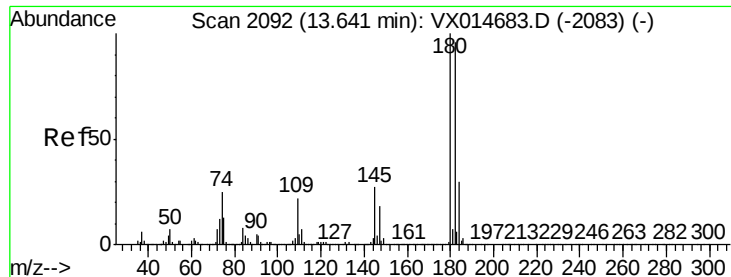


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

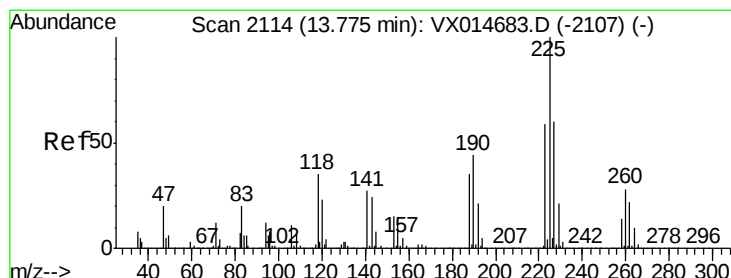
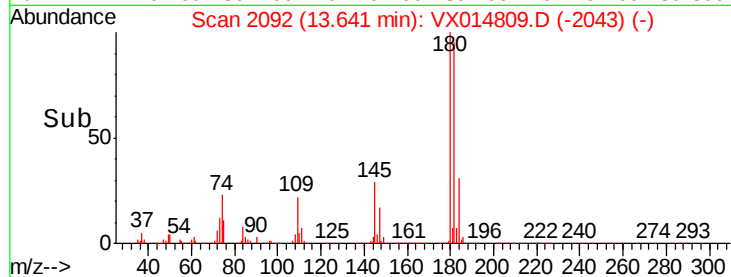
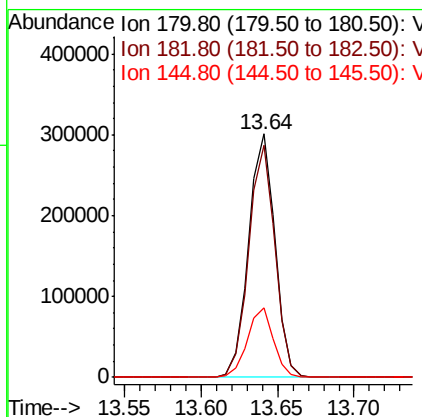
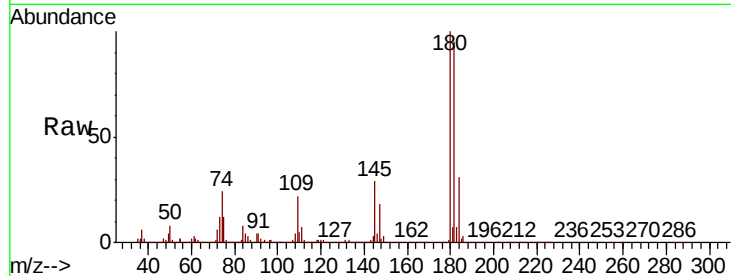




#93
 1,2,4-Trichlorobenzene
 Concen: 53.851 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

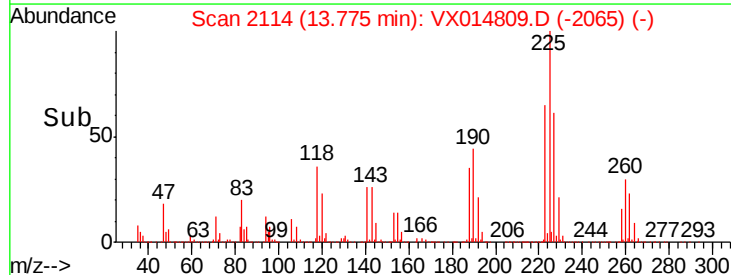
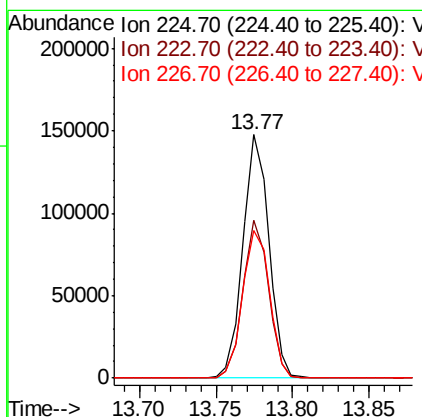
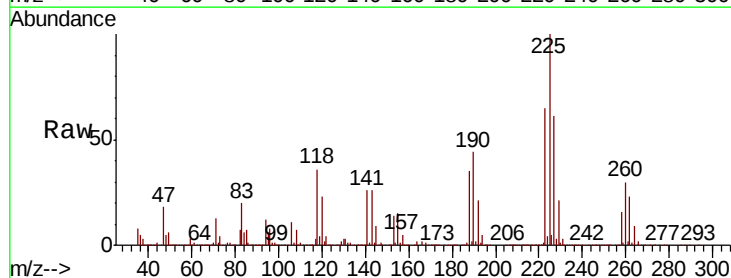
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

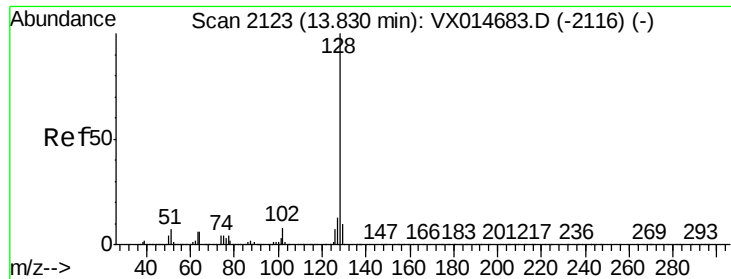
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.5	145.6
145	28.4	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 50.458 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.6	91.8
227	63.6	31.4	94.0





#95

Naphthalene

Concen: 48.840 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

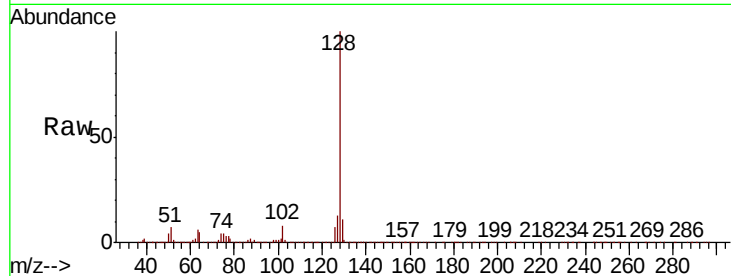
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1053410

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	12.8

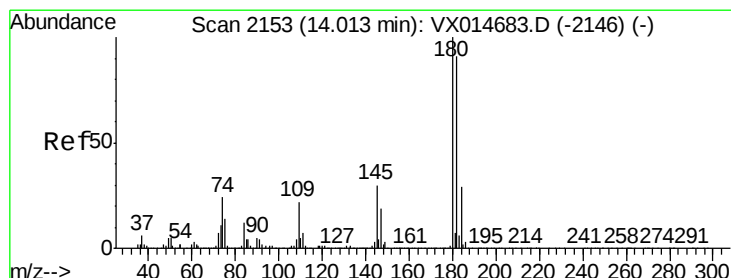
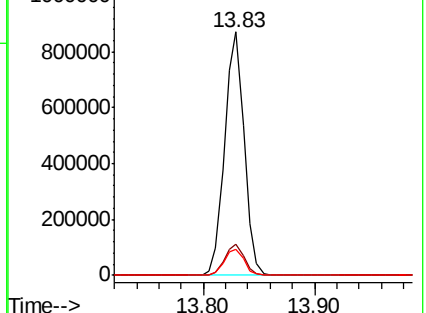
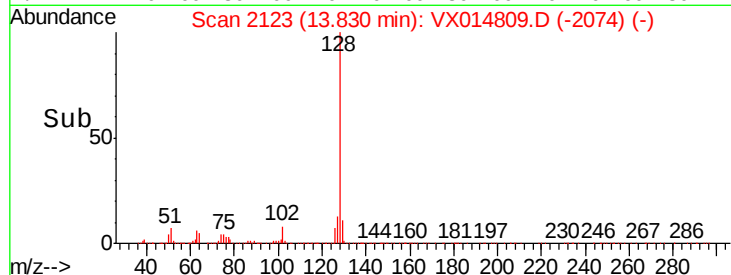


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.912 ug/l

RT: 14.01 min Scan# 2153

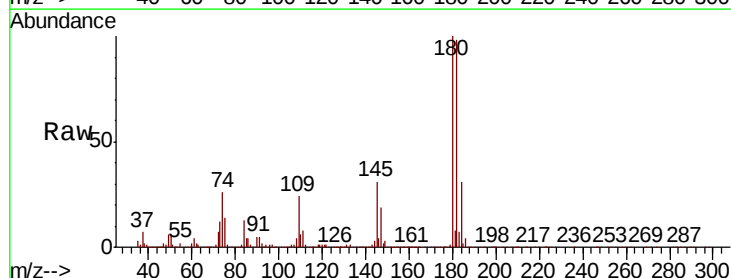
Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:180 Resp: 351244

Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.6	139.7
145	30.4	14.7	44.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

