

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO042420\
 Data File : VX015959.D
 Acq On : 25 Apr 2020 02:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:57:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	135126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	259076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	246122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	99668	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	5.47	113	75839	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	8.70	98	305432	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.12	95	123770	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	75808	51.026	ug/l	100
3) Chloromethane	1.31	50	74538	48.682	ug/l	98
4) Vinyl Chloride	1.39	62	102170	52.143	ug/l	100
5) Bromomethane	1.62	94	39285	55.607	ug/l	99
6) Chloroethane	1.71	64	58122	49.277	ug/l	100
7) Trichlorofluoromethane	1.92	101	112636	49.074	ug/l	99
8) Diethyl Ether	2.17	74	52684	48.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71814	49.183	ug/l	99
10) Methyl Iodide	2.49	142	72642	43.871	ug/l	98
11) Tert butyl alcohol	3.01	59	102598	250.285	ug/l	100
12) 1,1-Dichloroethene	2.36	96	78521	51.325	ug/l	99
13) Acrolein	2.28	56	58635	230.477	ug/l	99
14) Allyl chloride	2.71	41	133404	49.338	ug/l	98
15) Acrylonitrile	3.12	53	236818	264.316	ug/l	100
16) Acetone	2.42	43	187682	262.245	ug/l	97
17) Carbon Disulfide	2.55	76	204023	48.379	ug/l	100
18) Methyl Acetate	2.75	43	111916	51.708	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	279849	51.073	ug/l	100
20) Methylene Chloride	2.84	84	90735	51.255	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	85723	50.151	ug/l	98
22) Diisopropyl ether	3.82	45	273767	51.270	ug/l	99
23) Vinyl Acetate	3.79	43	1139560	261.212	ug/l	100
24) 1,1-Dichloroethane	3.67	63	156441	51.214	ug/l	99
25) 2-Butanone	4.64	43	305366	262.052	ug/l	100
26) 2,2-Dichloropropane	4.56	77	106816	39.629	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	97766	50.420	ug/l	98
28) Bromochloromethane	4.98	49	64950	48.101	ug/l	99
29) Tetrahydrofuran	5.09	42	200078	260.646	ug/l	100
30) Chloroform	5.18	83	154592	51.197	ug/l	99
31) Cyclohexane	5.55	56	139365	48.708	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	134614	49.554	ug/l	100
36) 1,1-Dichloropropene	5.77	75	119545	48.349	ug/l	99
37) Ethyl Acetate	4.79	43	122861	49.537	ug/l	99
38) Carbon Tetrachloride	5.76	117	110272	48.805	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015959.D
 Acq On : 25 Apr 2020 02:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 25 06:57:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140637	46.923	ug/l	99
40) Benzene	6.12	78	361441	49.950	ug/l	97
41) Methacrylonitrile	5.01	41	68128	48.460	ug/l	99
42) 1,2-Dichloroethane	6.17	62	124140	49.023	ug/l	100
43) Isopropyl Acetate	6.42	43	204423	50.169	ug/l	99
44) Trichloroethene	7.19	130	106792	47.944	ug/l	99
45) 1,2-Dichloropropane	7.49	63	92619	50.020	ug/l	99
46) Dibromomethane	7.64	93	60528	48.949	ug/l	99
47) Bromodichloromethane	7.88	83	124439	49.452	ug/l	100
48) Methyl methacrylate	7.75	41	98088	48.955	ug/l	99
49) 1,4-Dioxane	7.71	88	46026	1032.829	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	608592	254.772	ug/l	100
52) Toluene	8.77	92	226289	49.297	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143900	47.425	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	152348	47.996	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	90559	49.396	ug/l	99
56) Ethyl methacrylate	9.16	69	147979	50.105	ug/l	99
57) 1,3-Dichloropropane	9.35	76	157510	50.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	385920	264.439	ug/l	99
59) 2-Hexanone	9.48	43	465269	256.510	ug/l	100
60) Dibromochloromethane	9.57	129	90300	49.600	ug/l	99
61) 1,2-Dibromoethane	9.66	107	93734	49.432	ug/l	99
64) Tetrachloroethene	9.32	164	114131	46.602	ug/l	96
65) Chlorobenzene	10.12	112	237862	48.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	84758	48.949	ug/l	98
67) Ethyl Benzene	10.24	91	436259	48.425	ug/l	98
68) m/p-Xylenes	10.34	106	324115	98.235	ug/l	99
69) o-Xylene	10.68	106	154463	47.975	ug/l	97
70) Styrene	10.70	104	274267	49.391	ug/l	99
71) Bromoform	10.84	173	56365	43.085	ug/l #	92
73) Isopropylbenzene	11.01	105	414551	48.644	ug/l	100
74) N-amyl acetate	10.88	43	186653	50.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	105905	54.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	168806	68.636	ug/l	81
77) Bromobenzene	11.24	156	96837	50.027	ug/l	97
78) n-propylbenzene	11.35	91	485806	48.282	ug/l	100
79) 2-Chlorotoluene	11.41	91	294316	49.623	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	353290	48.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49120	44.989	ug/l	99
82) 4-Chlorotoluene	11.49	91	345103	48.748	ug/l	99
83) tert-Butylbenzene	11.76	119	302819	49.712	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	364795	49.108	ug/l	100
85) sec-Butylbenzene	11.93	105	406775	48.772	ug/l	100
86) p-Isopropyltoluene	12.05	119	366532	48.194	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	178033	50.020	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	177454	48.418	ug/l	99
89) n-Butylbenzene	12.37	91	341747	47.679	ug/l	100
90) Hexachloroethane	12.58	117	56705	47.783	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	169222	49.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	29410	47.966	ug/l	99

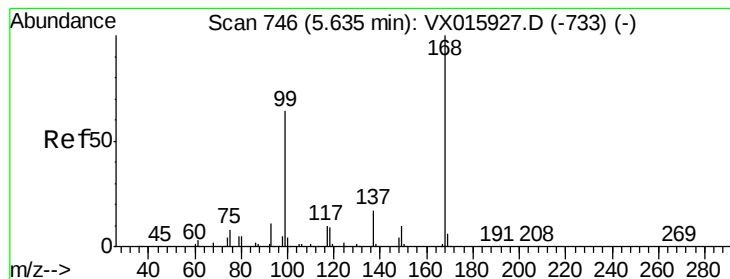
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
Data File : VX015959.D
Acq On : 25 Apr 2020 02:09
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 25 06:57:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	109671	49.258	ug/l	95
94) Hexachlorobutadiene	13.77	225	37984	48.127	ug/l	100
95) Naphthalene	13.82	128	412257	50.913	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106545	50.579	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

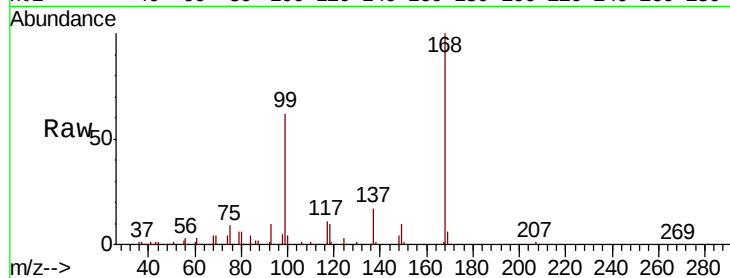
VSTDCCC050EC

Tot Ion:168 Resp: 135126

Ion Ratio Lower Upper

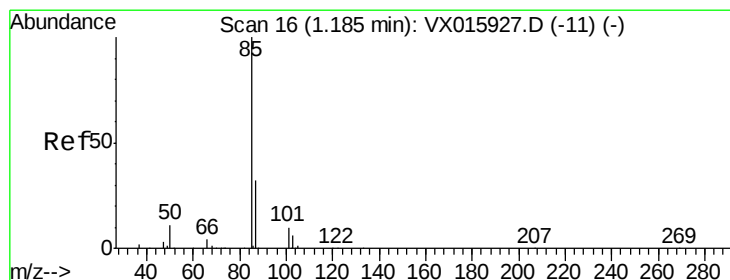
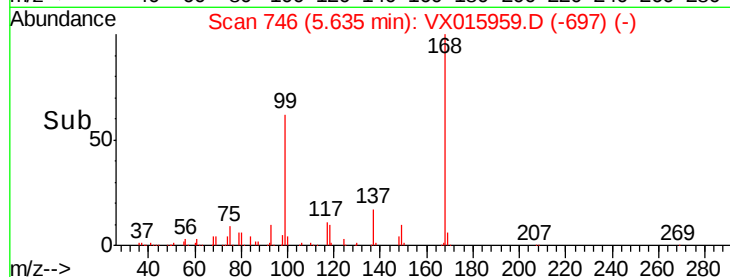
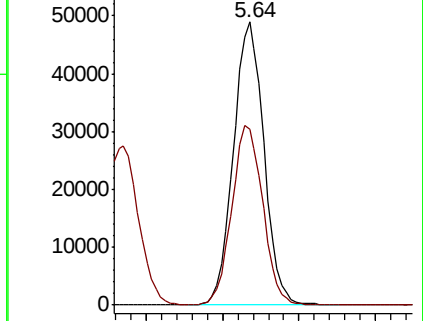
168 100

99 61.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.026 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015959.D

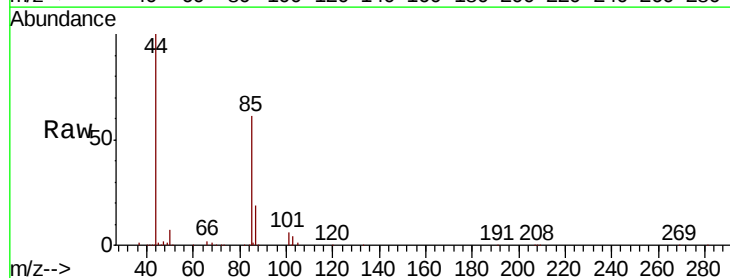
Acq: 25 Apr 2020 02:09

Tgt Ion: 85 Resp: 75808

Ion Ratio Lower Upper

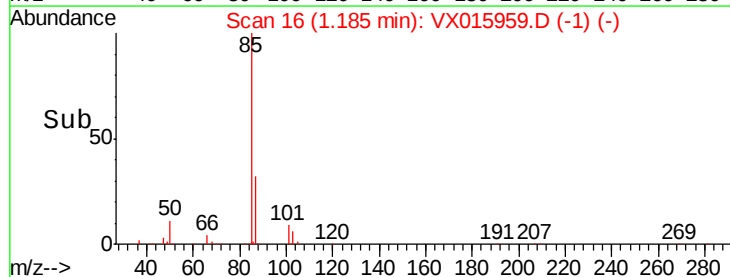
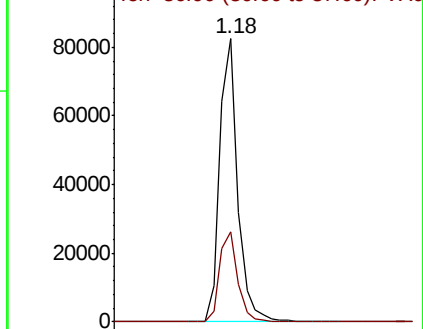
85 100

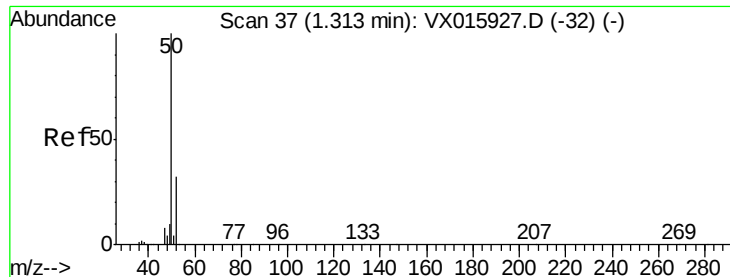
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

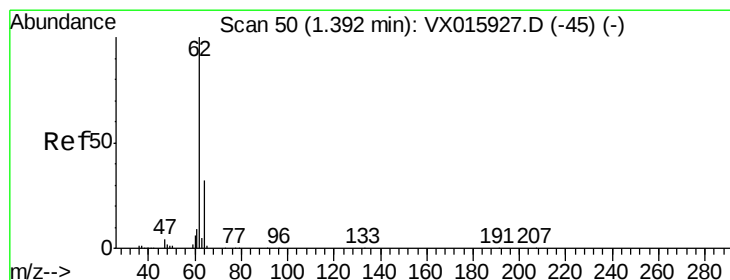
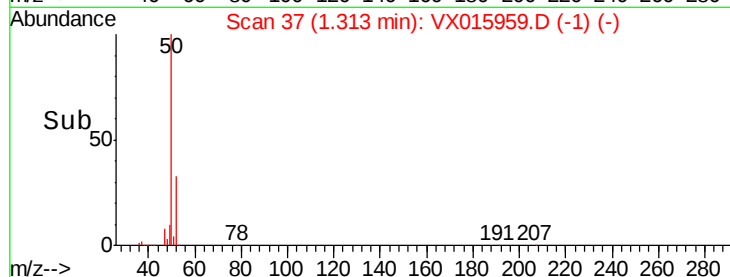
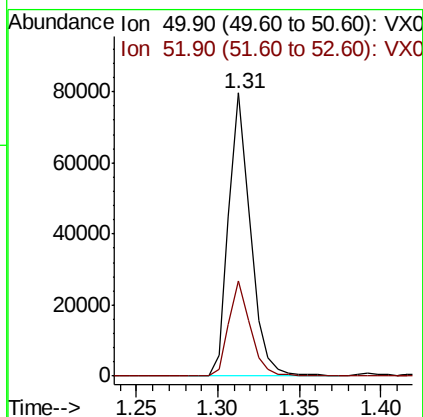
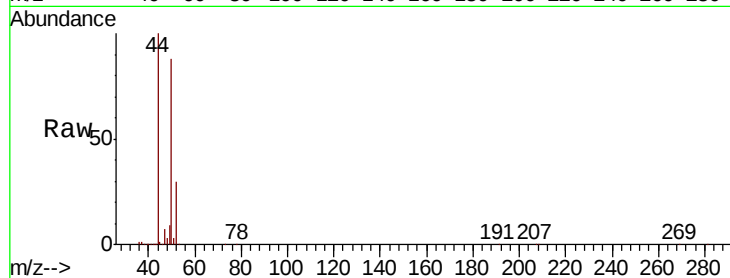




#3
Chloromethane
Concen: 48.682 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

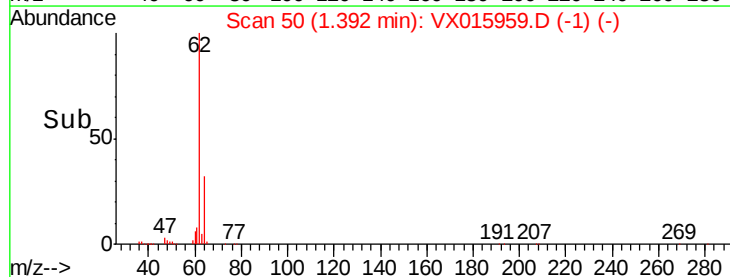
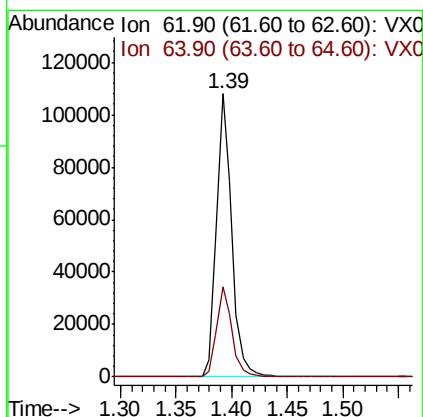
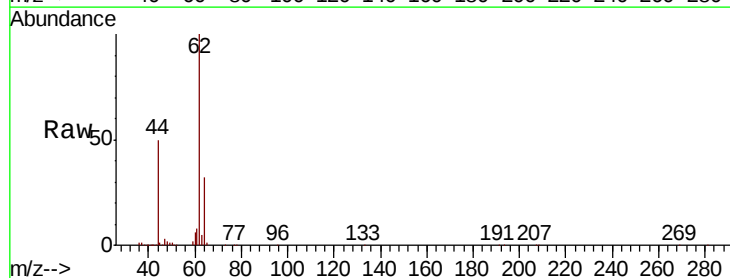
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

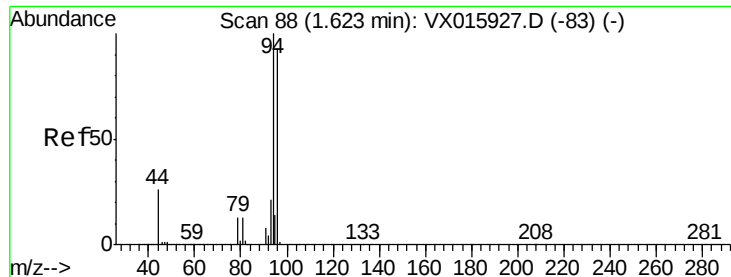
Tot Ion: 50 Resp: 74538
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 52.143 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 62 Resp: 102170
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5

Bromomethane

Concen: 55.607 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

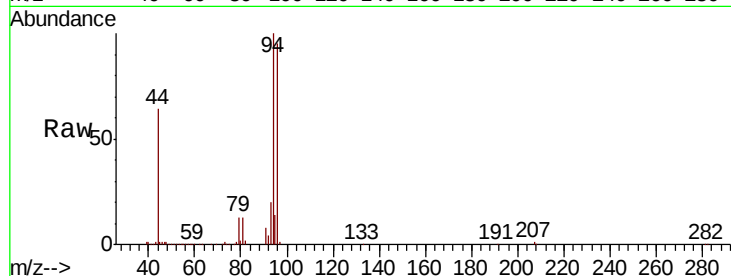
VSTDCCC050EC

Tot Ion: 94 Resp: 39285

Ion Ratio Lower Upper

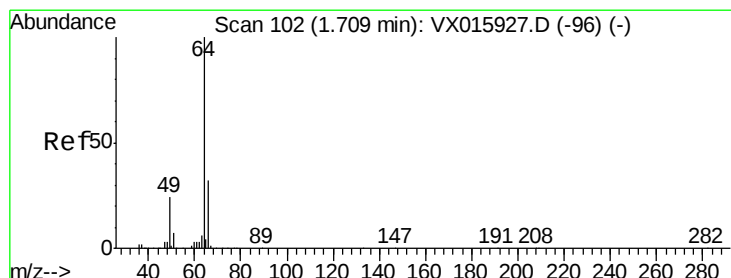
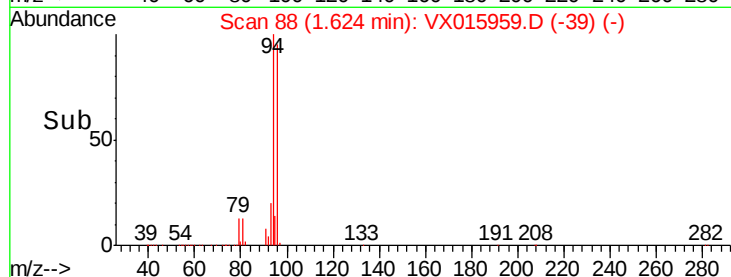
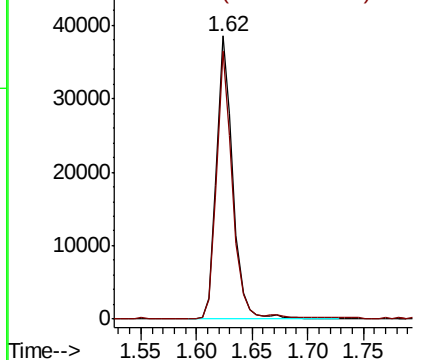
94 100

96 94.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.277 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015959.D

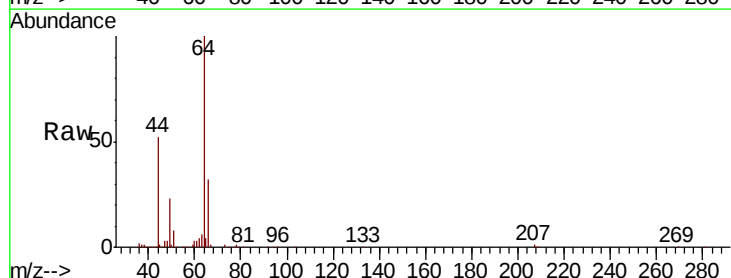
Acq: 25 Apr 2020 02:09

Tgt Ion: 64 Resp: 58122

Ion Ratio Lower Upper

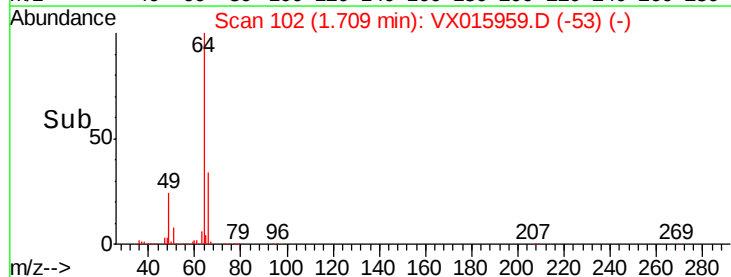
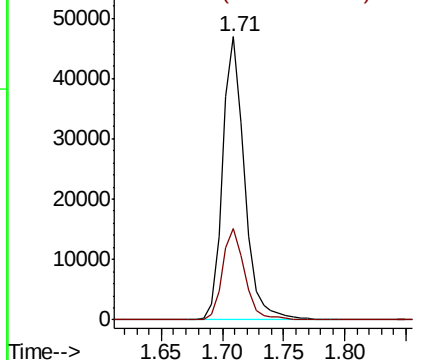
64 100

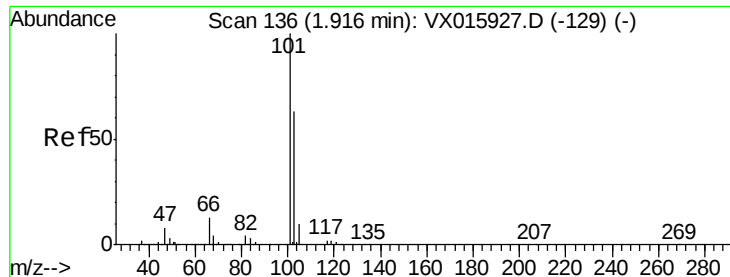
66 32.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



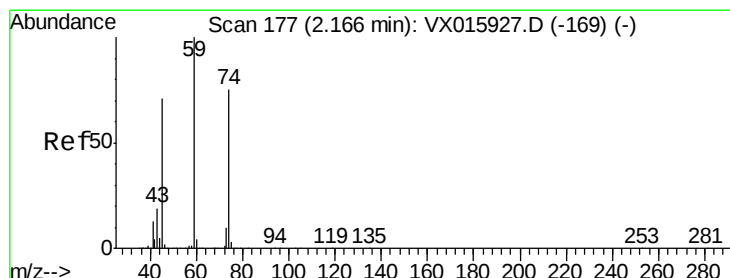
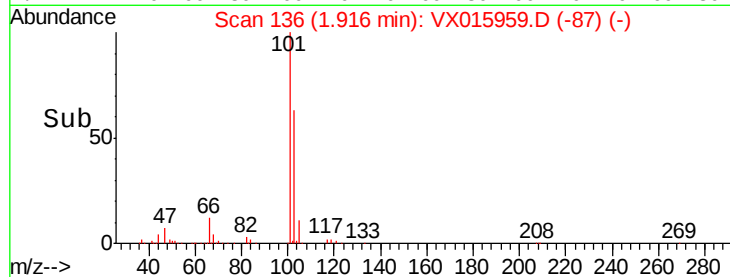
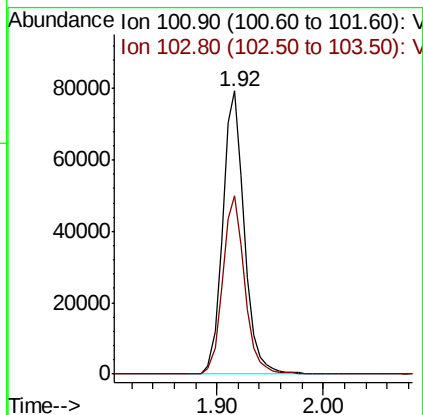
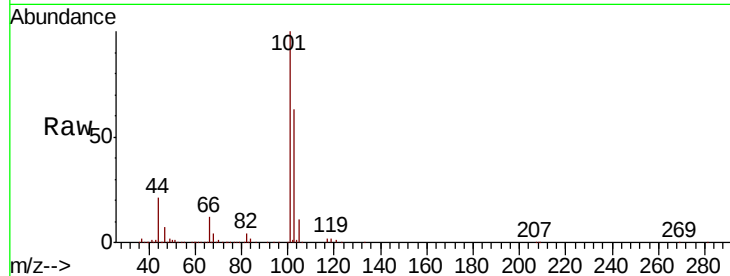


#7

Trichlorofluoromethane
 Concen: 49.074 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

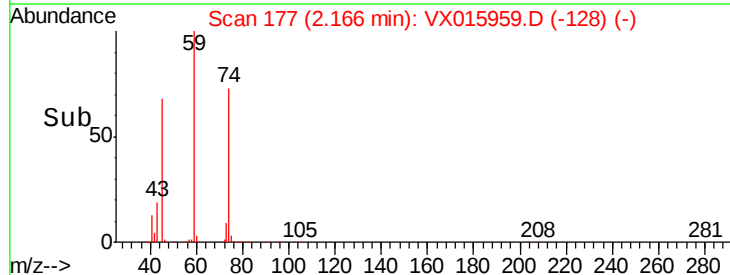
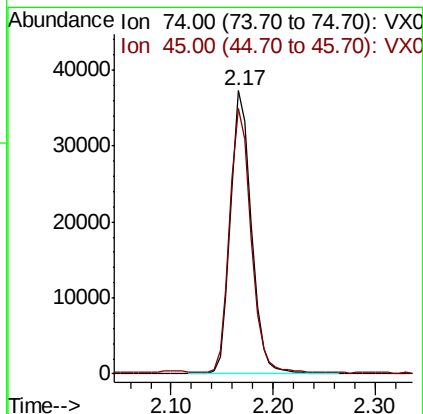
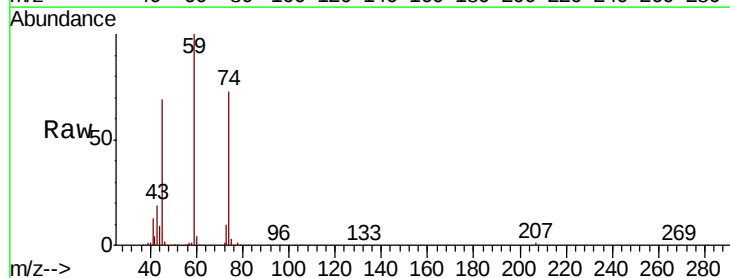
Tot Ion:101 Resp: 112636
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.8 76.2

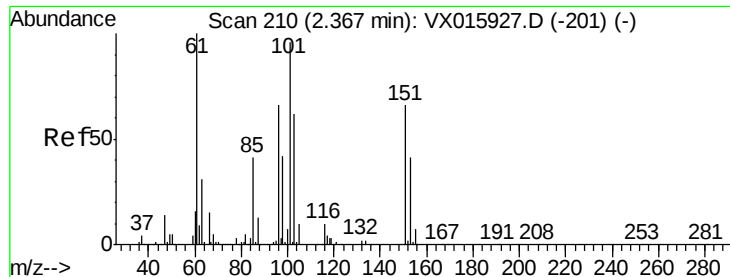


#8

Diethyl Ether
 Concen: 48.230 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 74 Resp: 52684
 Ion Ratio Lower Upper
 74 100
 45 95.8 46.9 140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.183 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

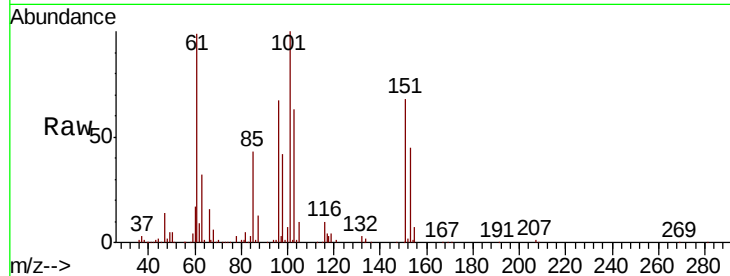
Tot Ion:101 Resp: 71814

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

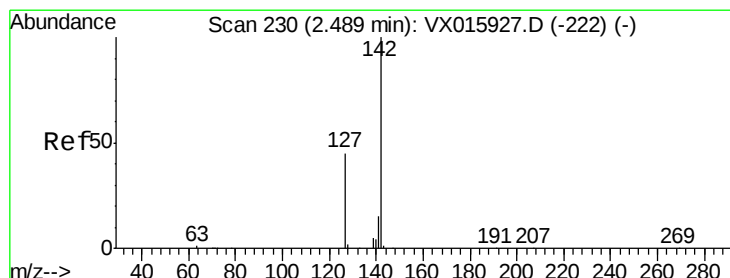
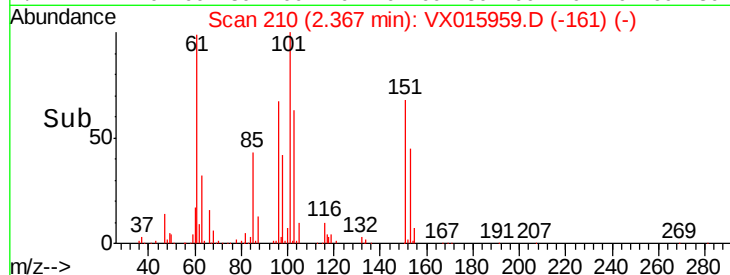
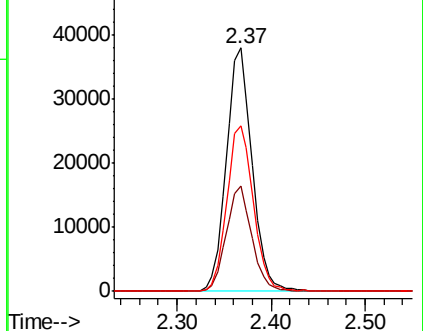
151 70.2 55.8 83.6



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: 43.871 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

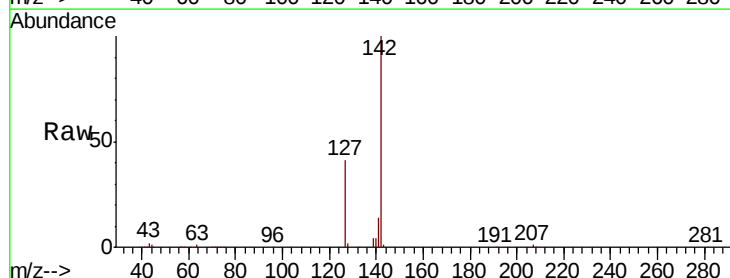
Tgt Ion:142 Resp: 72642

Ion Ratio Lower Upper

142 100

127 41.4 34.4 51.6

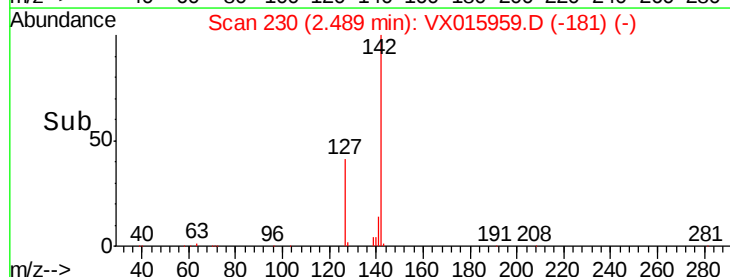
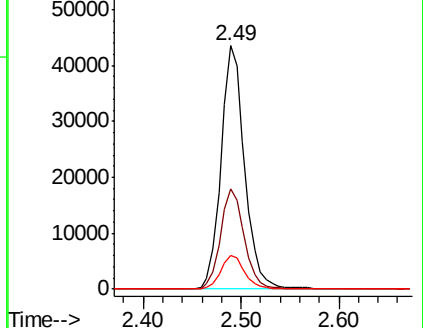
141 13.9 11.5 17.3

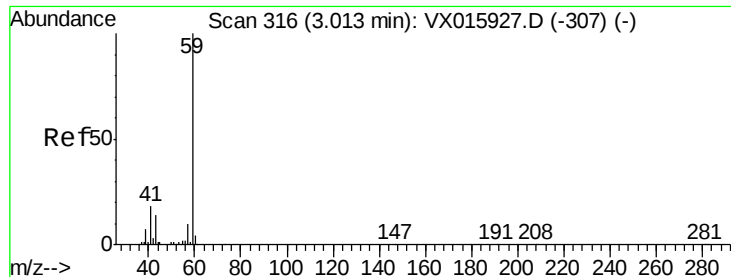


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



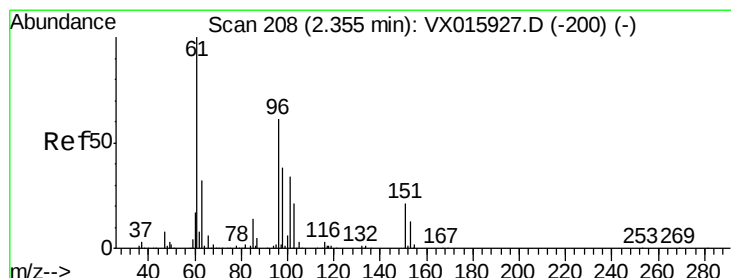
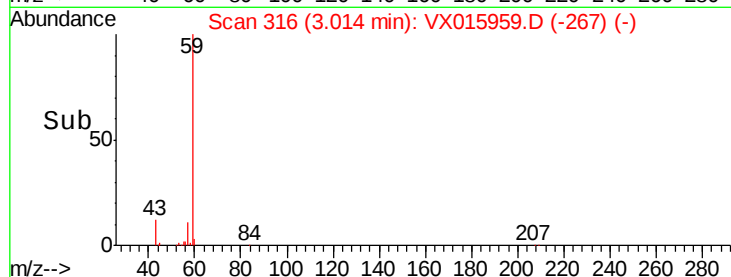
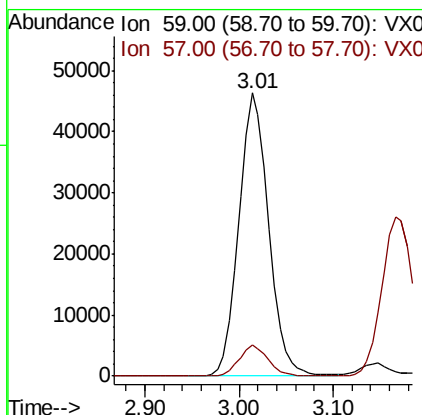
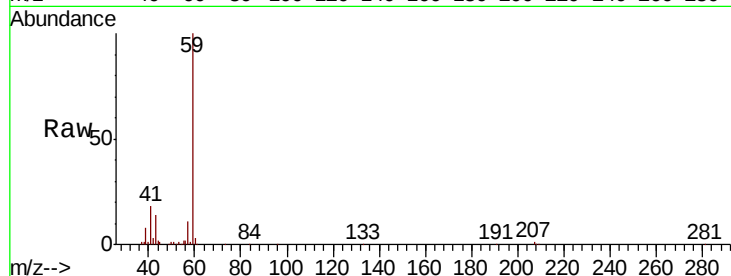


#11

Tert butyl alcohol
 Concen: 250.285 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

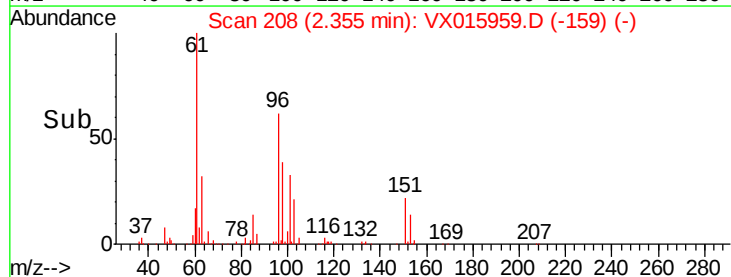
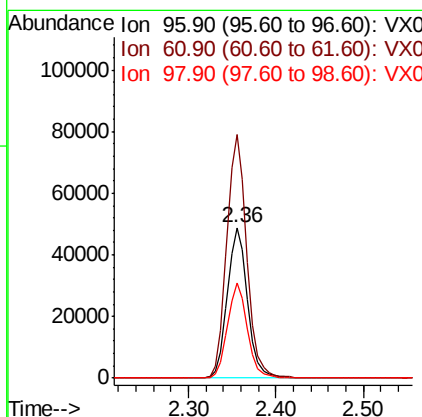
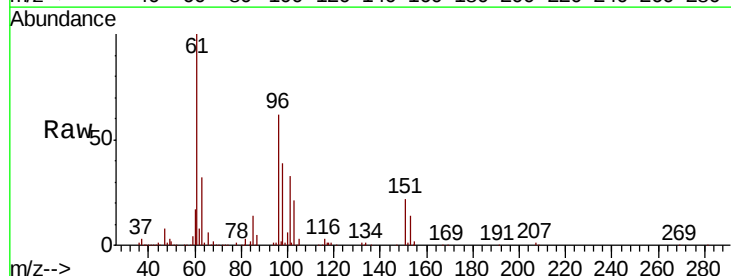
Tot Ion: 59 Resp: 102598
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

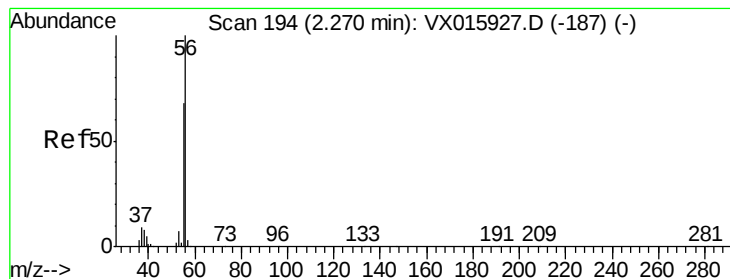


#12

1,1-Dichloroethene
 Concen: 51.325 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 96 Resp: 78521
 Ion Ratio Lower Upper
 96 100
 61 161.8 131.2 196.8
 98 62.9 50.2 75.4





#13

Acrolein

Concen: 230.477 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

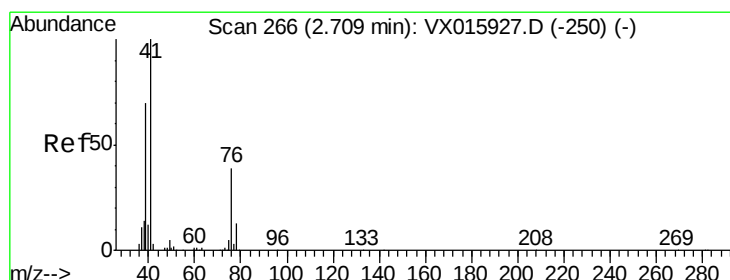
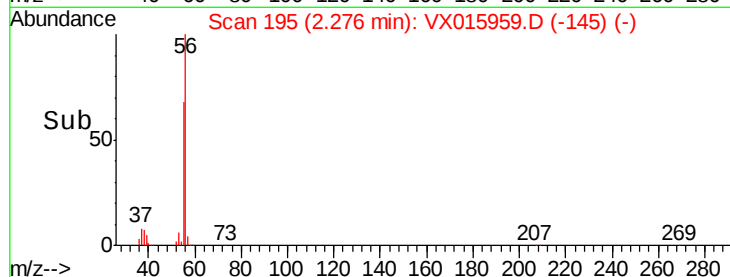
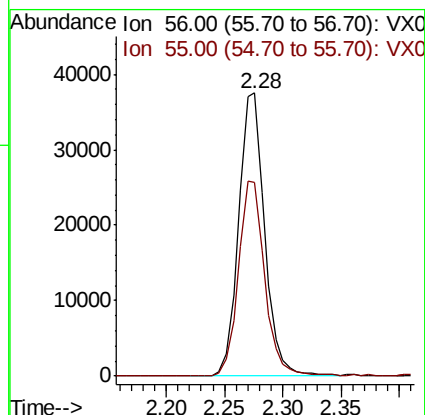
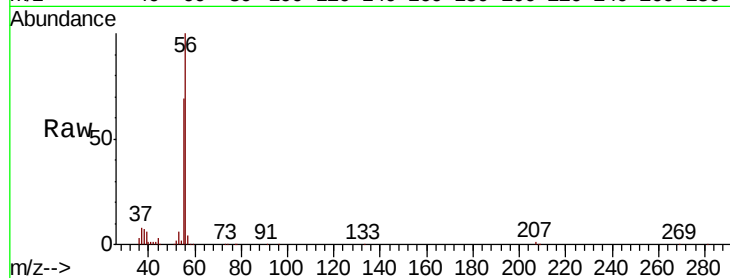
VSTDCCC050EC

Tot Ion: 56 Resp: 58635

Ion Ratio Lower Upper

56 100

55 68.8 56.0 84.0



#14

Allyl chloride

Concen: 49.338 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

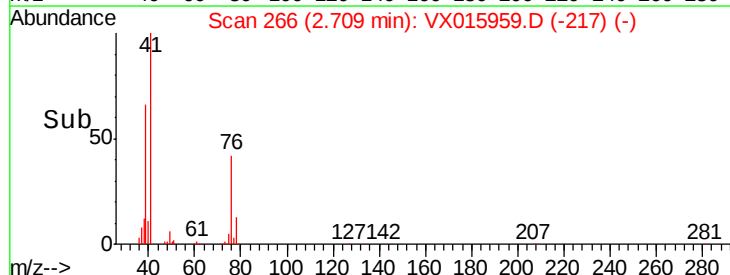
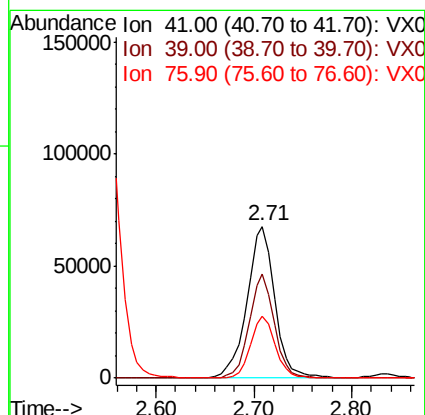
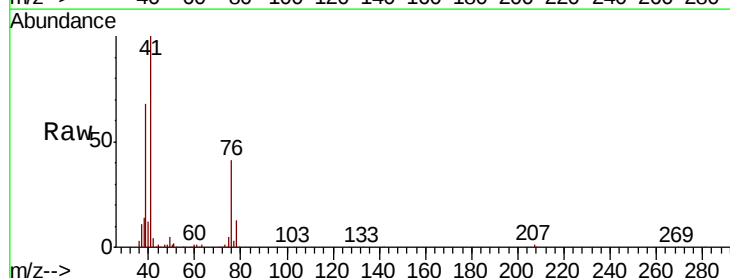
Tgt Ion: 41 Resp: 133404

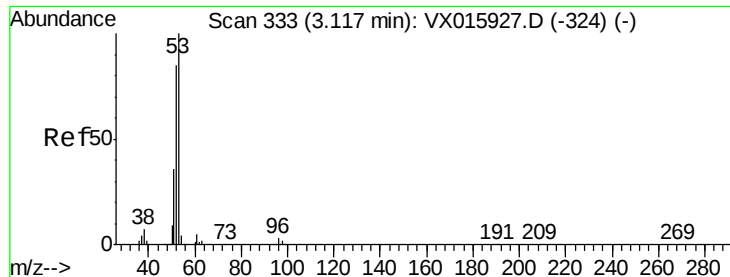
Ion Ratio Lower Upper

41 100

39 61.9 51.6 77.4

76 36.2 29.3 43.9





#15

Acrylonitrile

Concen: 264.316 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

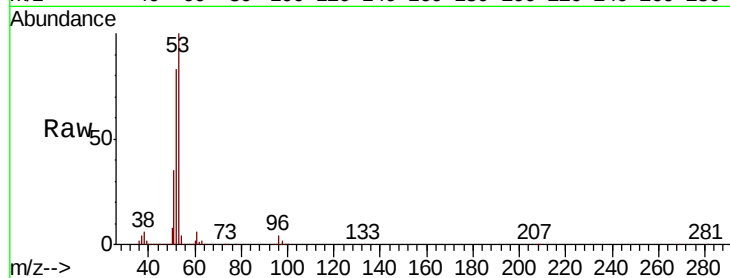
Tot Ion: 53 Resp: 236818

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

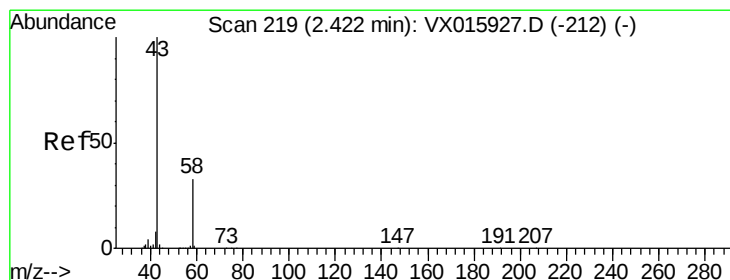
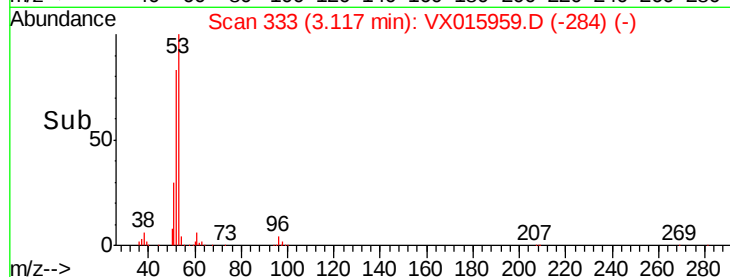
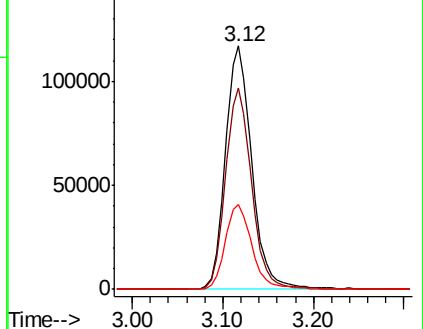
51 35.8 28.2 42.2



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: 262.245 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX015959.D

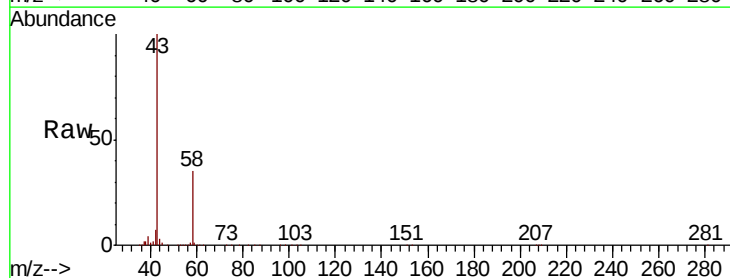
Acq: 25 Apr 2020 02:09

Tgt Ion: 43 Resp: 187682

Ion Ratio Lower Upper

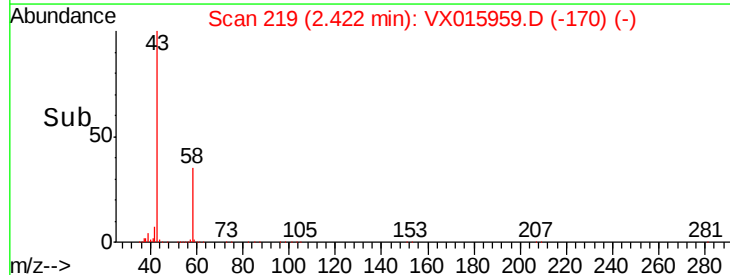
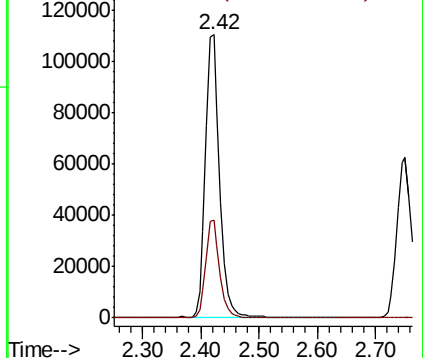
43 100

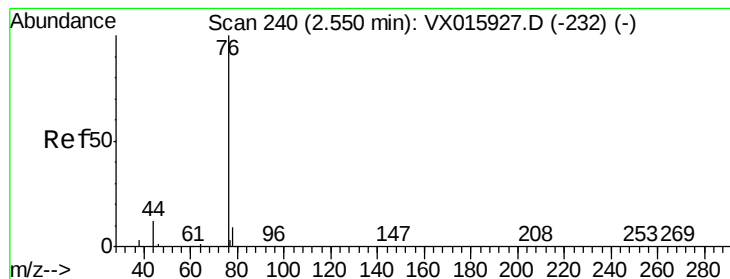
58 34.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.379 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

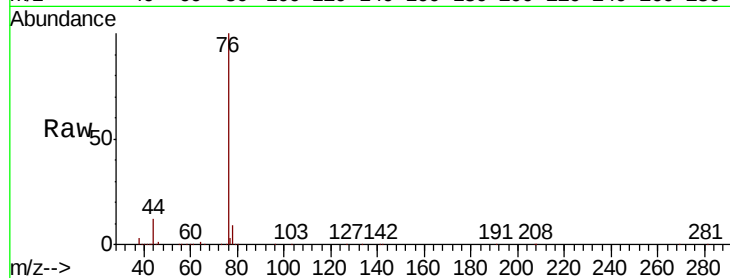
VSTDCCC050EC

Tot Ion: 76 Resp: 204023

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

150000

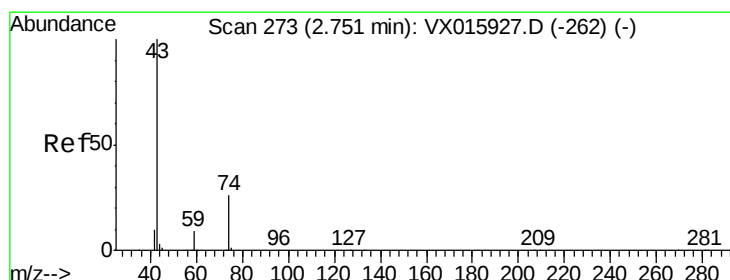
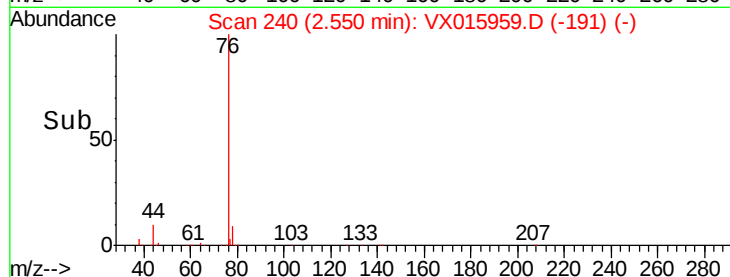
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 51.708 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015959.D

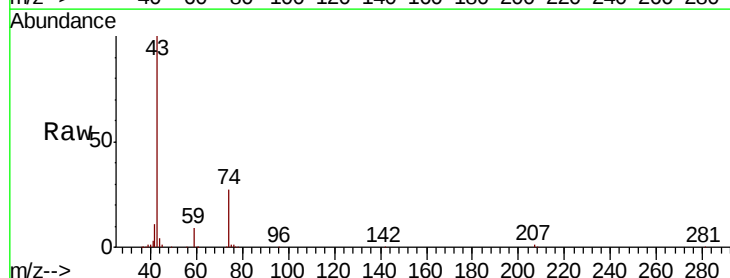
Acq: 25 Apr 2020 02:09

Tgt Ion: 43 Resp: 111916

Ion Ratio Lower Upper

43 100

74 26.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

60000

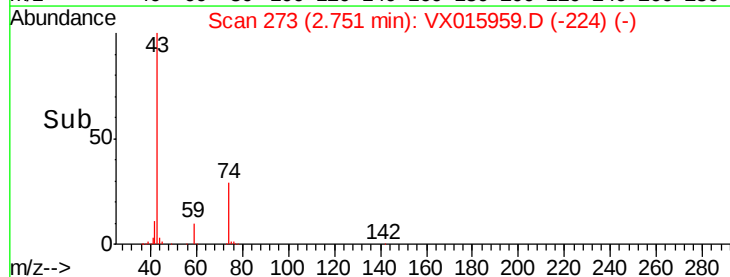
40000

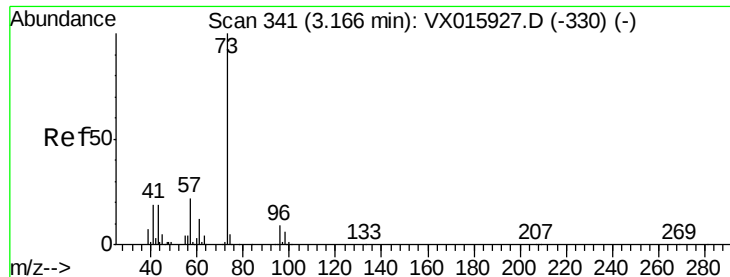
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85



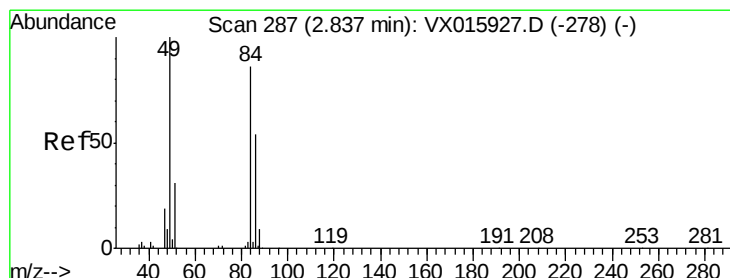
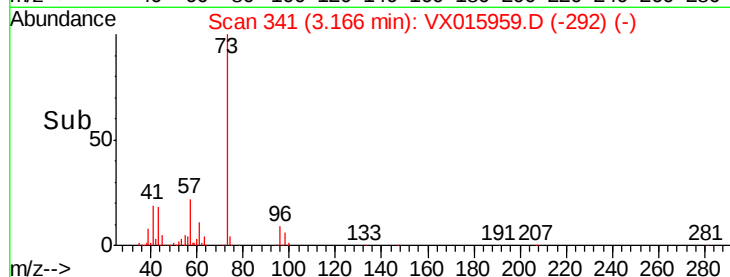
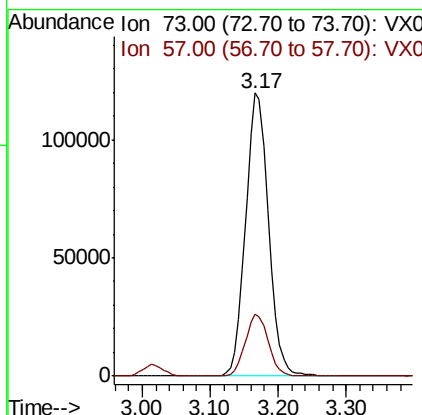
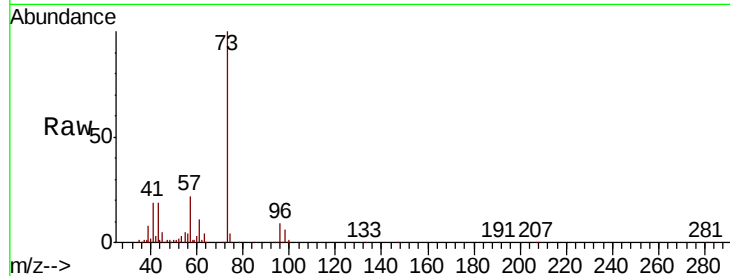


#19

Methyl tert-butyl Ether
 Concen: 51.073 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

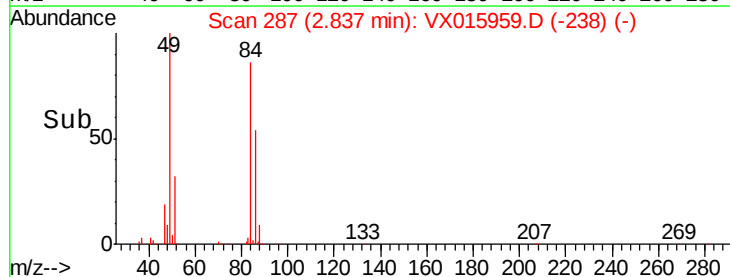
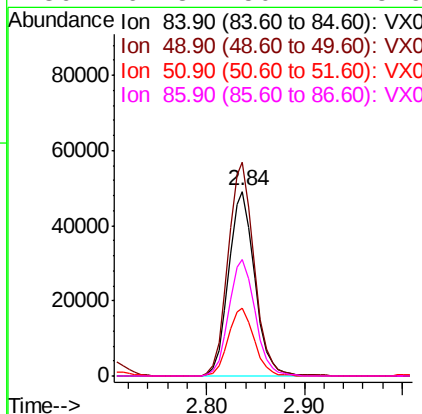
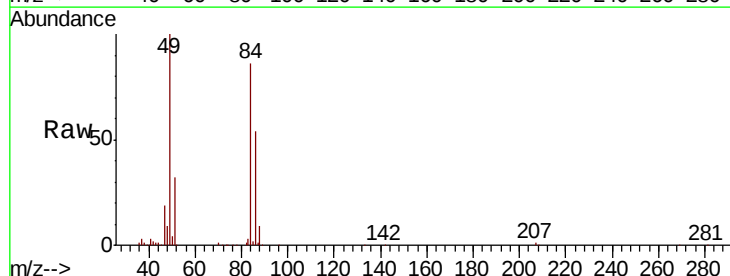
Tot Ion: 73 Resp: 279849
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.3 25.9

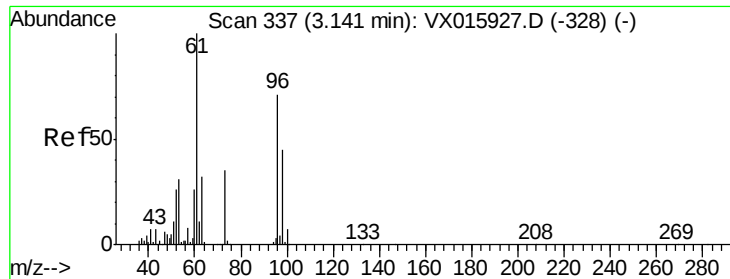


#20

Methylene Chloride
 Concen: 51.255 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 84 Resp: 90735
 Ion Ratio Lower Upper
 84 100
 49 115.6 93.0 139.6
 51 36.7 28.6 43.0
 86 62.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 50.151 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

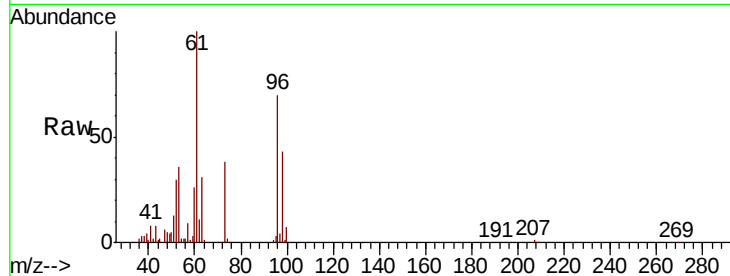
Tot Ion: 96 Resp: 85723

Ion Ratio Lower Upper

96 100

61 143.0 112.7 169.1

98 61.3 51.0 76.4

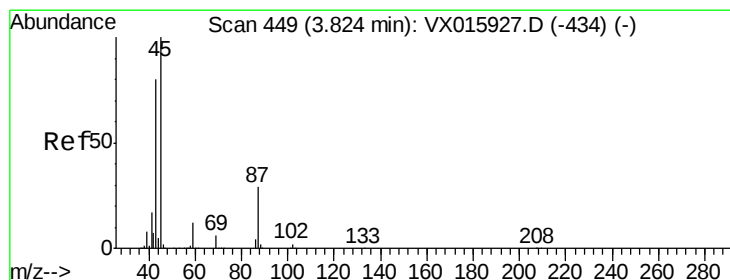
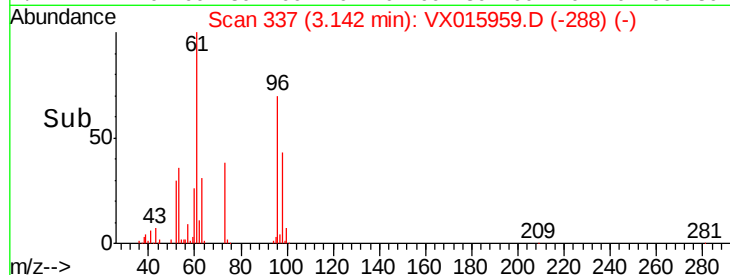
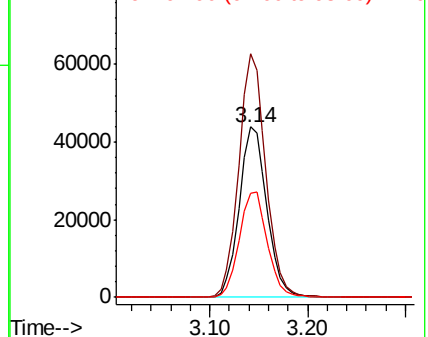


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.270 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Tgt Ion: 45 Resp: 273767

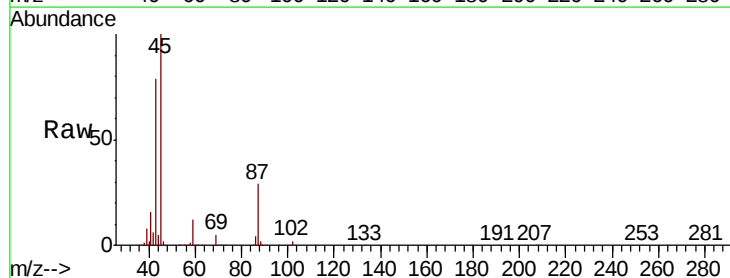
Ion Ratio Lower Upper

45 100

43 78.6 63.8 95.6

87 28.6 22.9 34.3

59 12.3 9.5 14.3



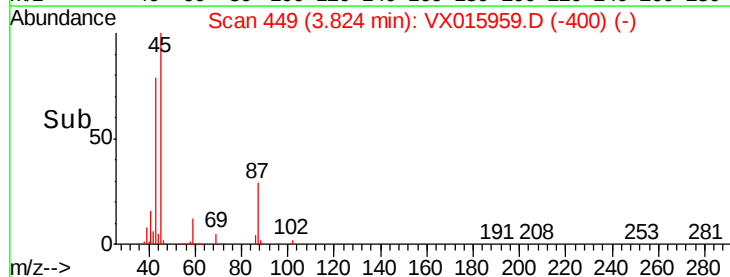
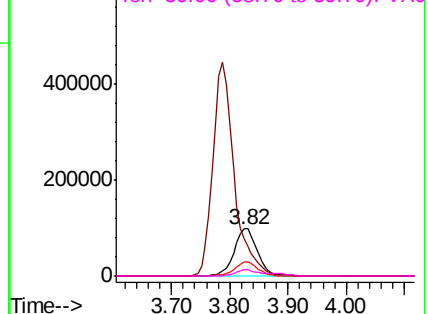
Abundance

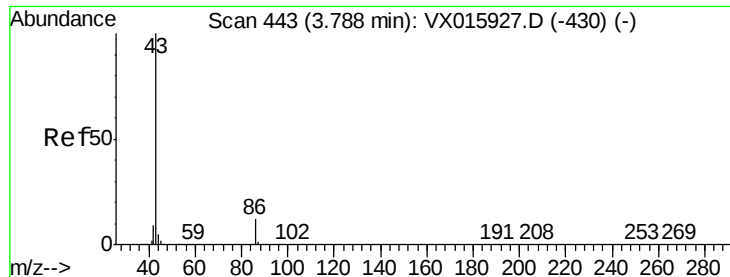
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.212 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

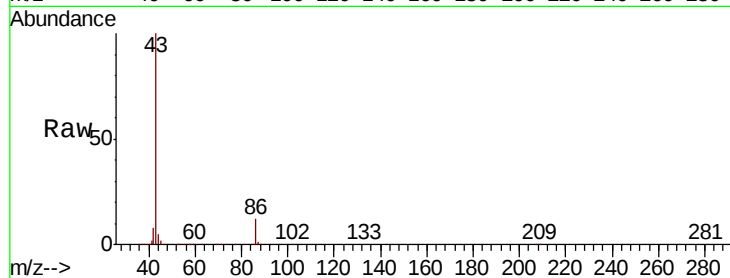
VSTDCCC050EC

Tot Ion: 43 Resp: 1139560

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

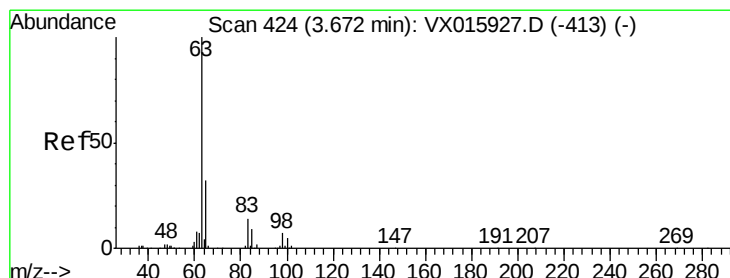
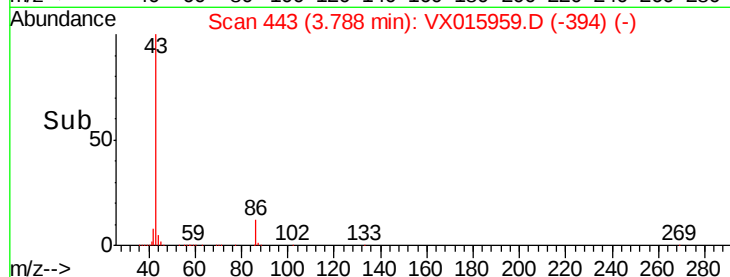
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.214 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

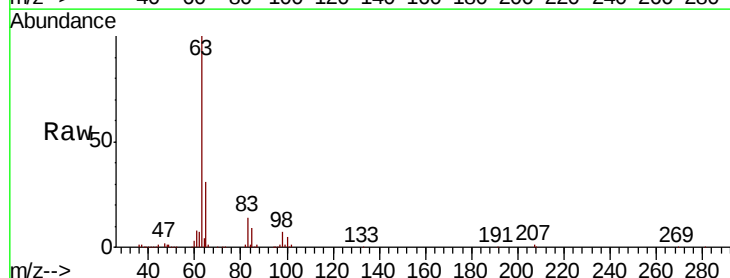
Tgt Ion: 63 Resp: 156441

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.7 2.3 6.9



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

80000

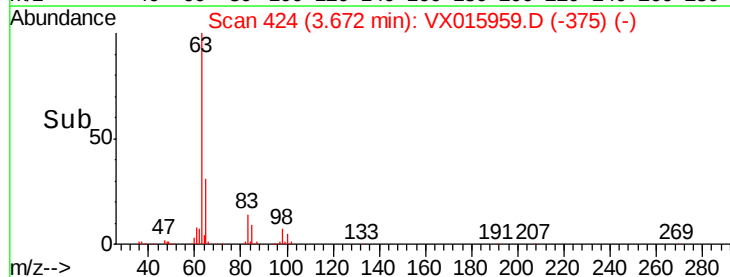
60000

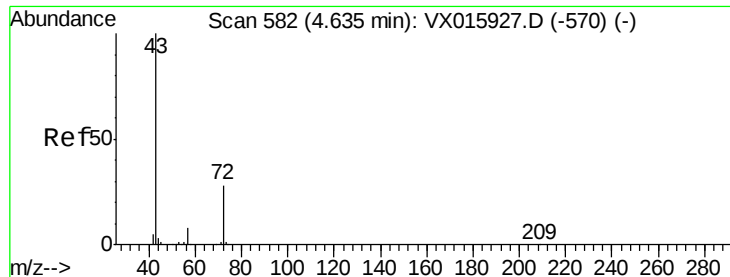
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 262.052 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

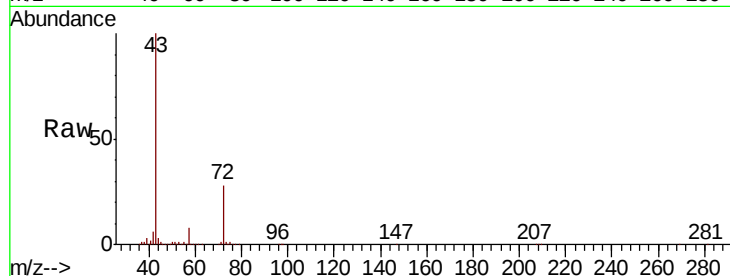
VSTDCCC050EC

Tot Ion: 43 Resp: 305366

Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

120000

100000

80000

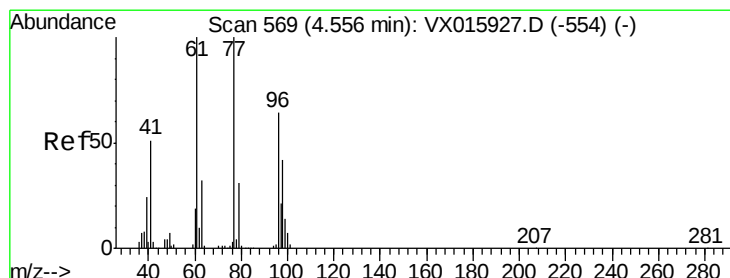
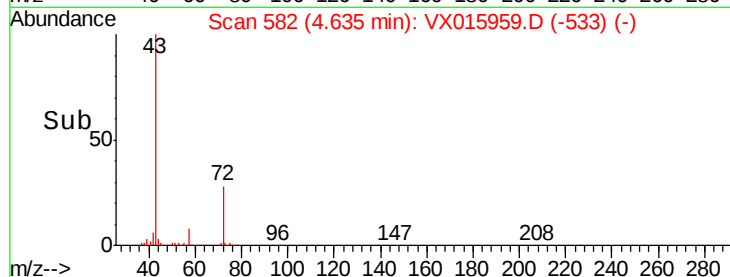
60000

40000

20000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 39.629 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015959.D

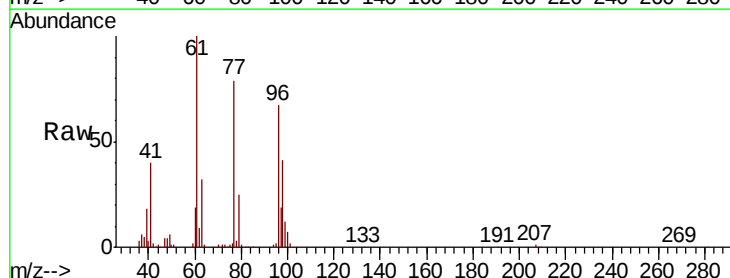
Acq: 25 Apr 2020 02:09

Tgt Ion: 77 Resp: 106816

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

40000

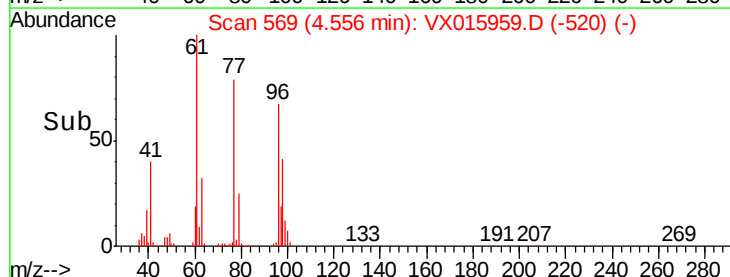
30000

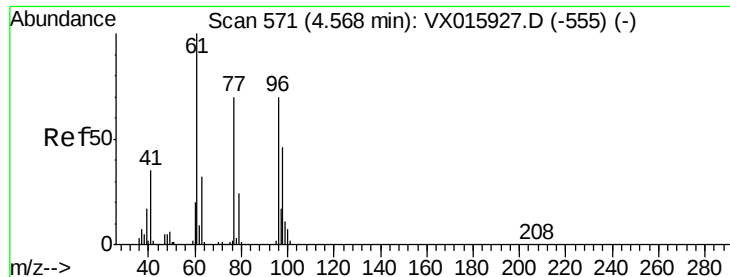
20000

10000

0

Time--> 4.40 4.50 4.60 4.70



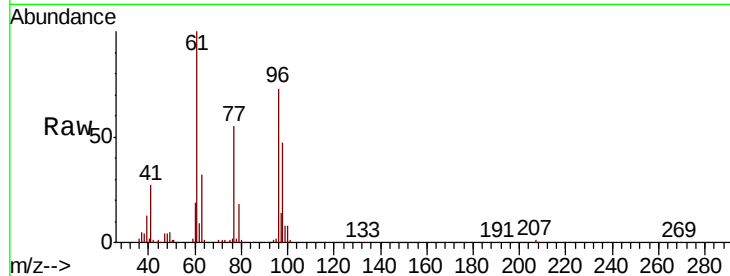


#27

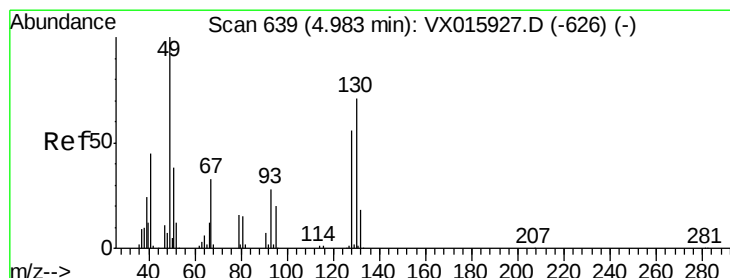
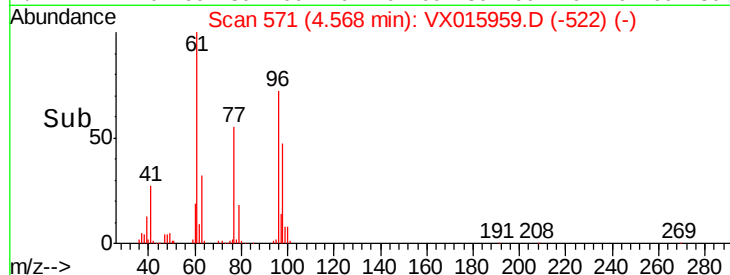
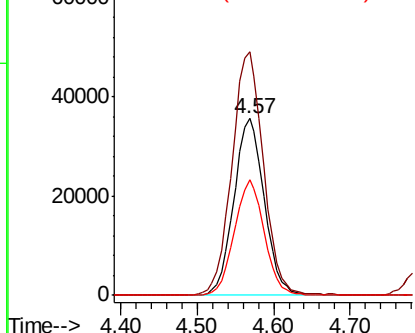
cis-1,2-Dichloroethene
Concen: 50.420 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 97766
Ion Ratio Lower Upper
96 100
61 143.2 0.0 293.4
98 64.4 0.0 129.0



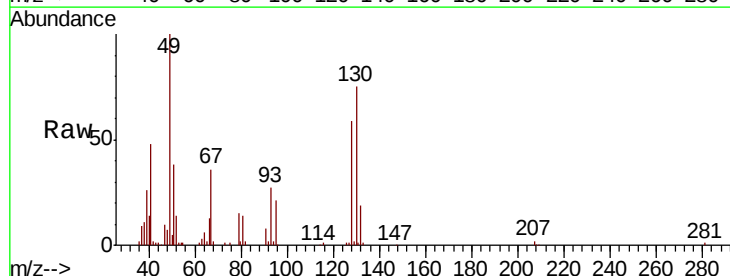
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



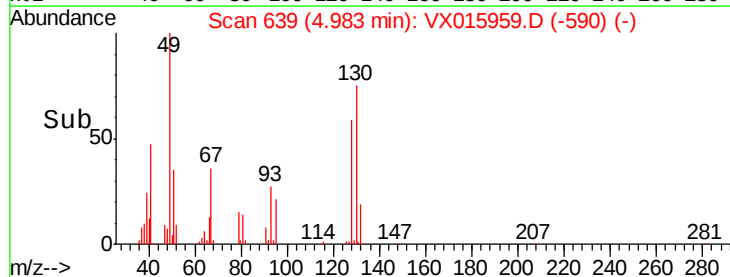
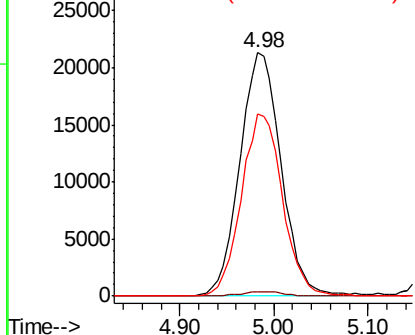
#28

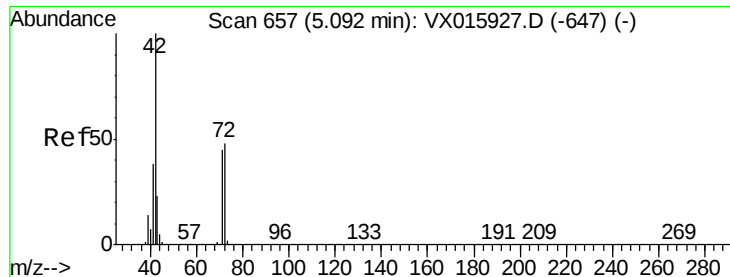
Bromochloromethane
Concen: 48.101 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 49 Resp: 64950
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.7 60.7 91.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 260.646 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

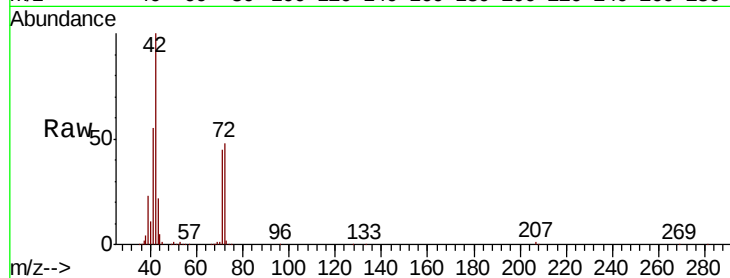
Tot Ion: 42 Resp: 200078

Ion Ratio Lower Upper

42 100

72 49.4 39.5 59.3

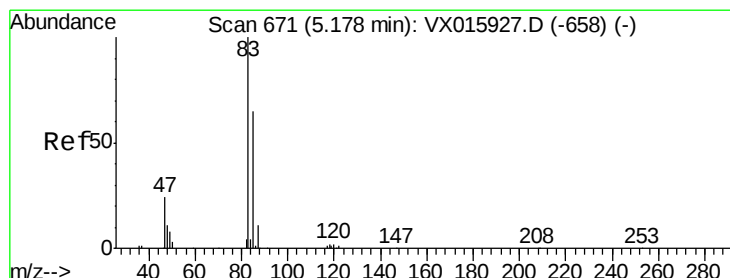
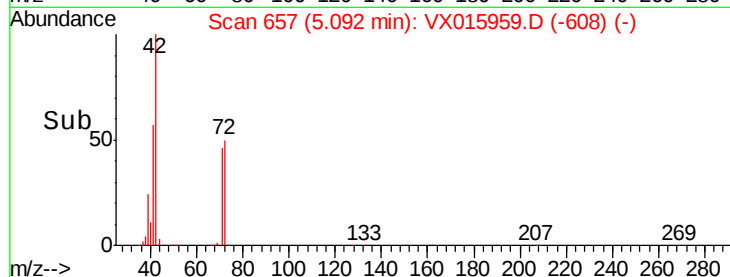
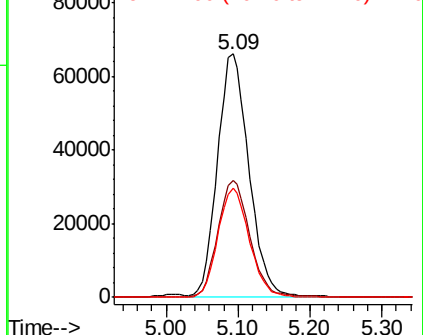
71 45.1 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.197 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015959.D

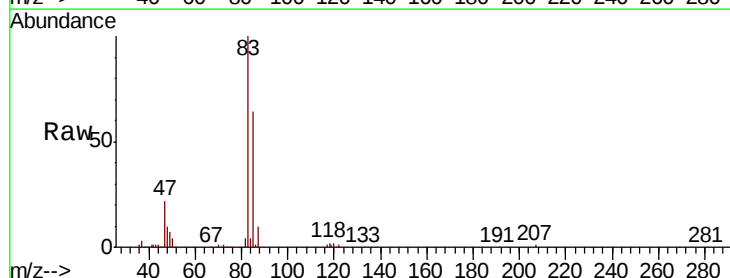
Acq: 25 Apr 2020 02:09

Tgt Ion: 83 Resp: 154592

Ion Ratio Lower Upper

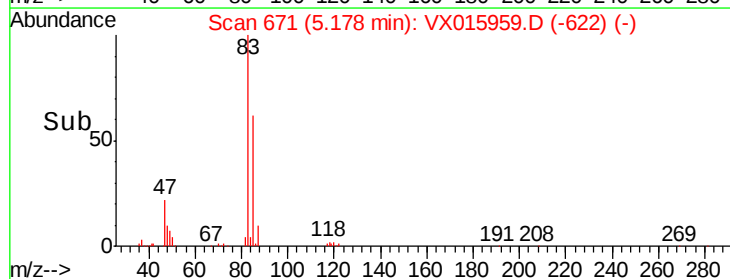
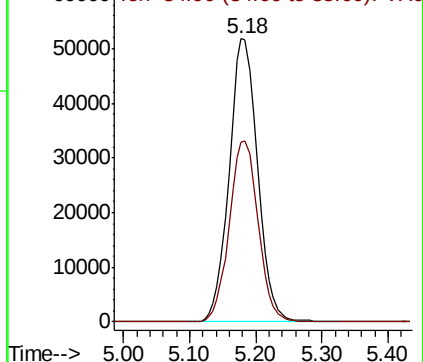
83 100

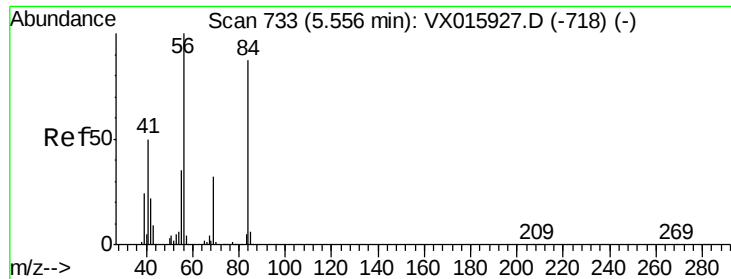
85 63.7 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

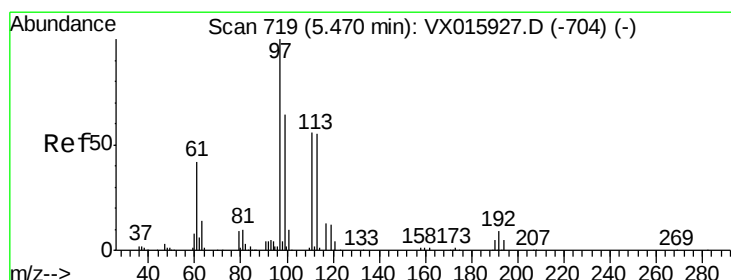
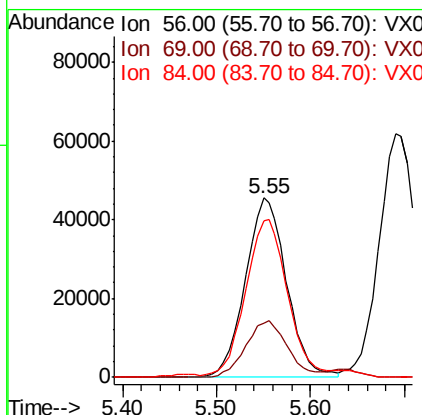
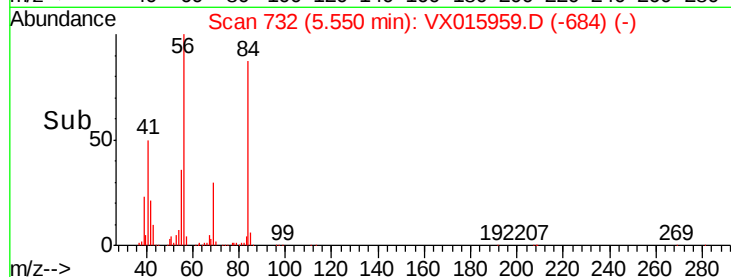
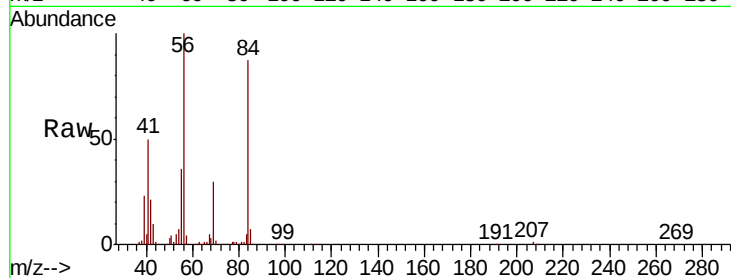




#31
Cyclohexane
Concen: 48.708 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

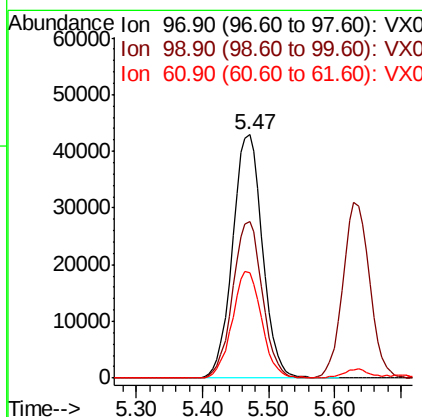
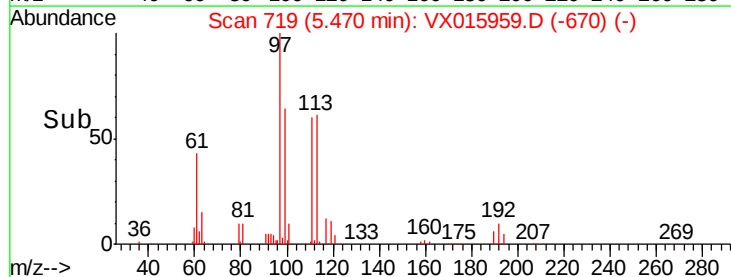
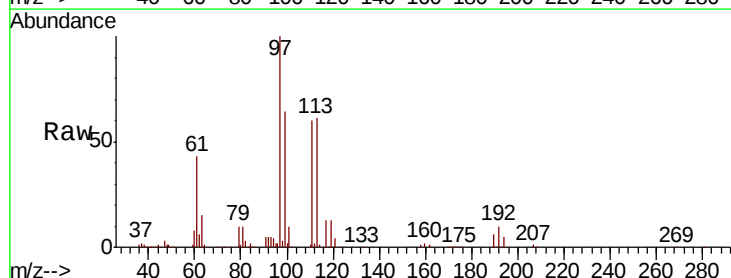
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

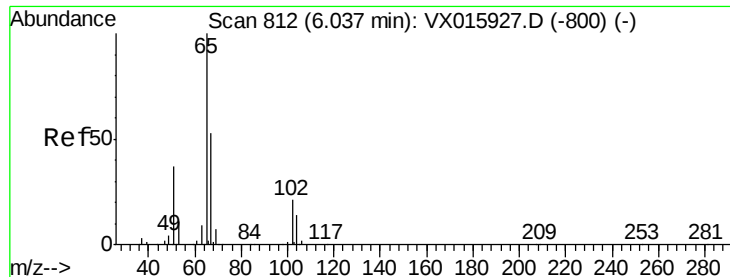
Tot Ion: 56 Resp: 139365
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.0
84 85.8 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 49.554 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 97 Resp: 134614
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.4 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

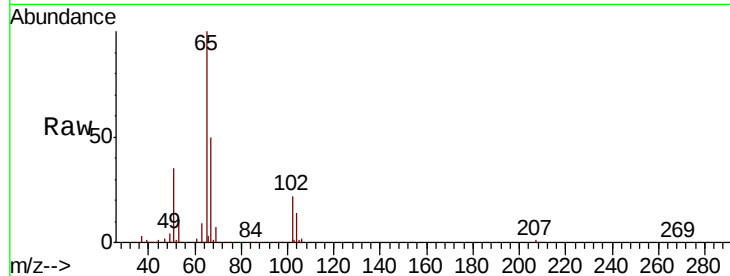
VSTDCCC050EC

Tot Ion: 65 Resp: 99668

Ion Ratio Lower Upper

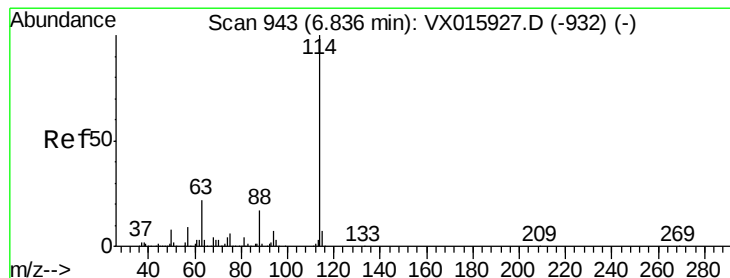
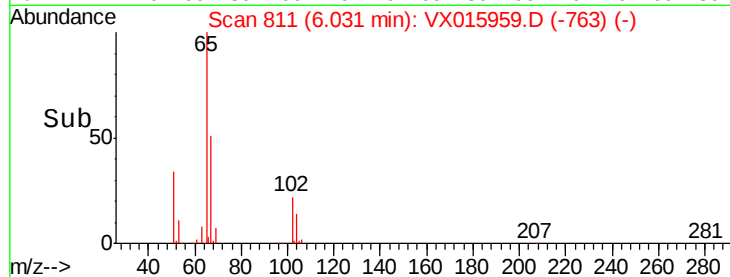
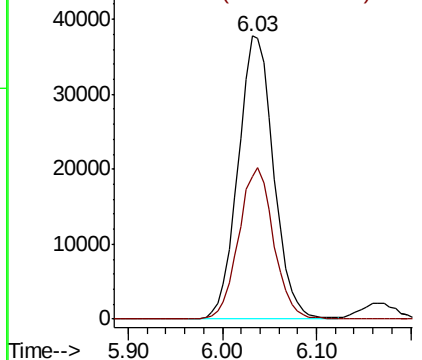
65 100

67 52.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

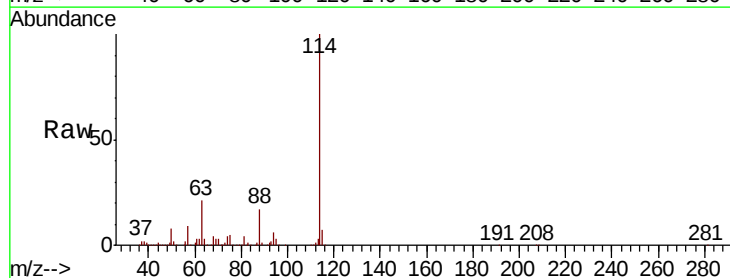
Tgt Ion: 114 Resp: 259076

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.4

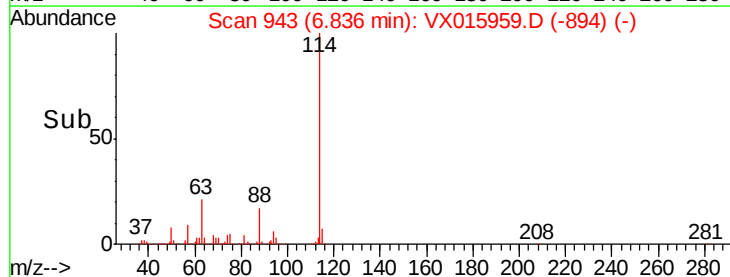
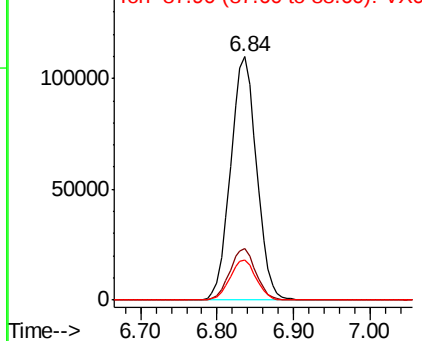
88 16.7 0.0 34.2

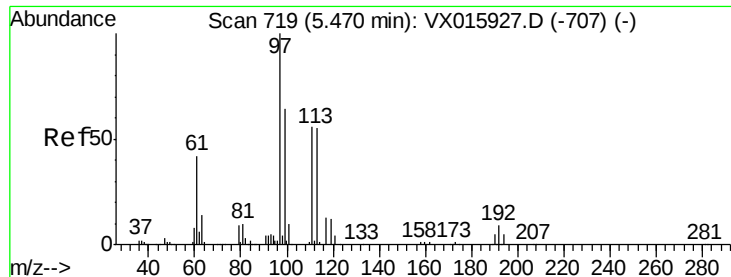


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.674 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

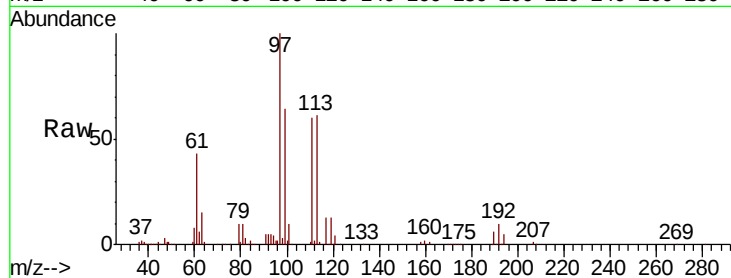
Tot Ion:113 Resp: 75839

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

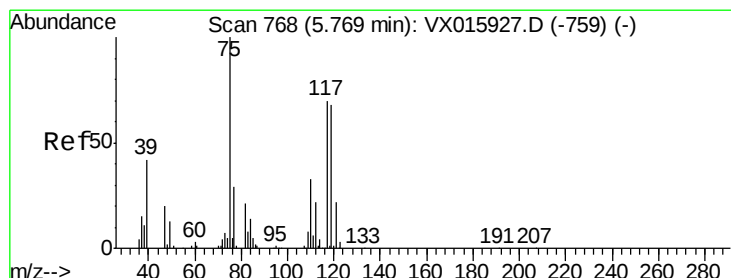
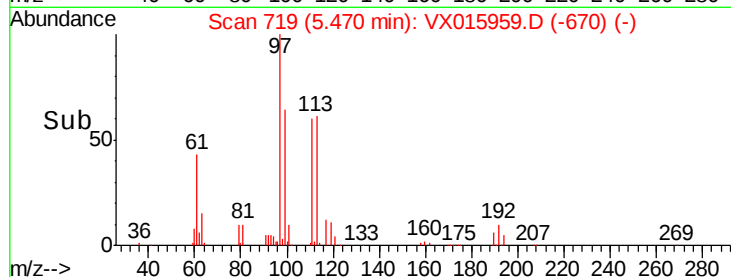
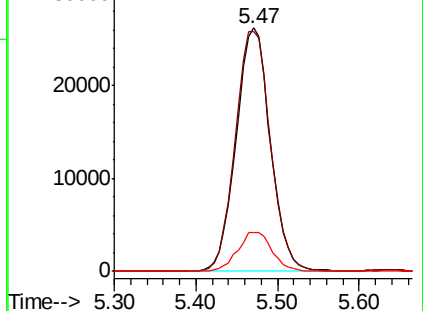
192 16.3 13.6 20.4



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: 48.349 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

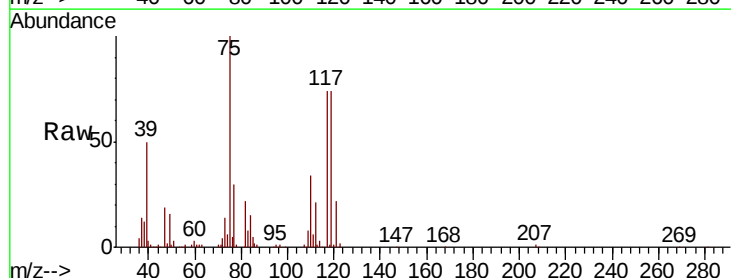
Tgt Ion: 75 Resp: 119545

Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.3

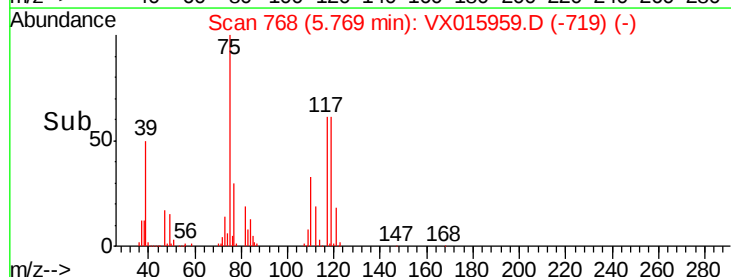
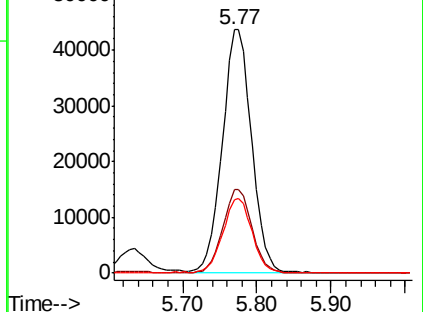
77 30.4 25.0 37.4

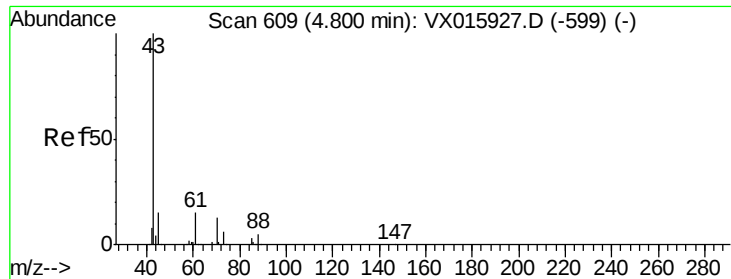


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

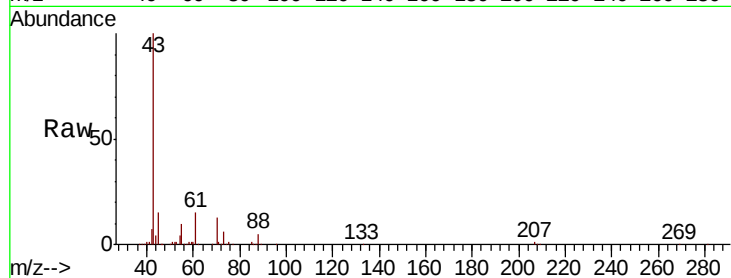




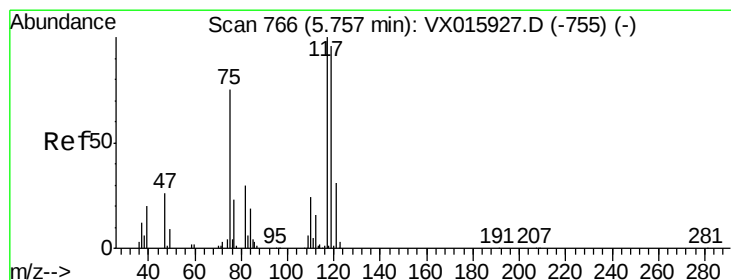
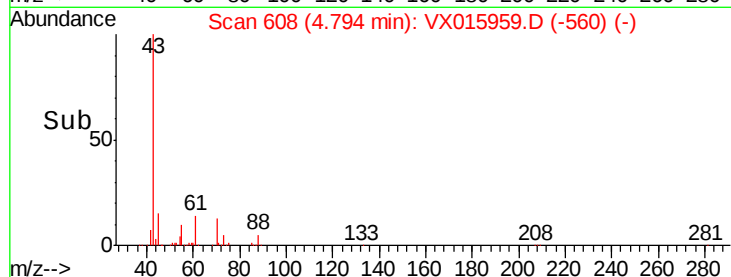
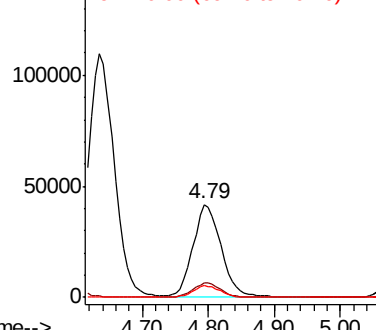
#37
Ethyl Acetate
Concen: 49.537 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 122861
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 12.3 9.8 14.6

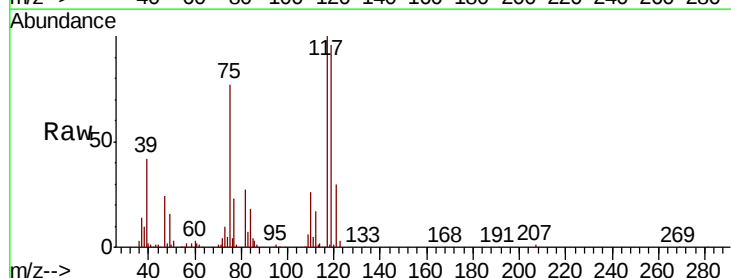


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

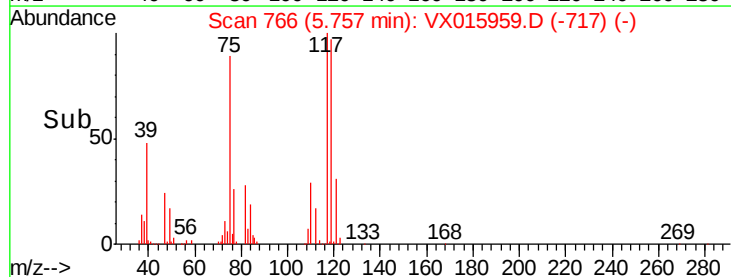
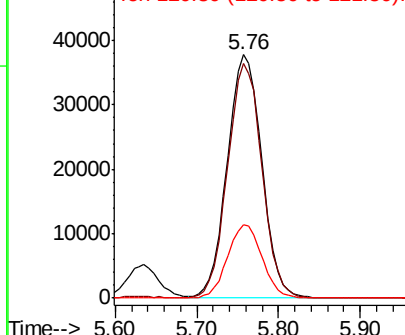


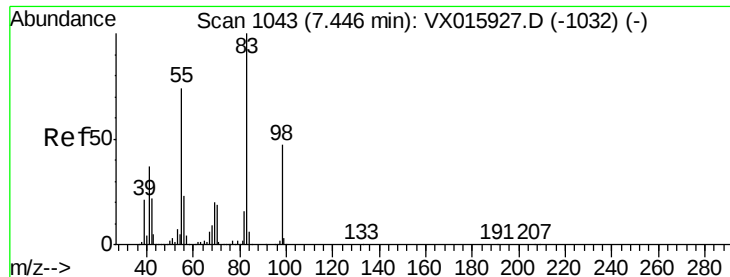
#38
Carbon Tetrachloride
Concen: 48.805 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 117 Resp: 110272
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6
121 30.4 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

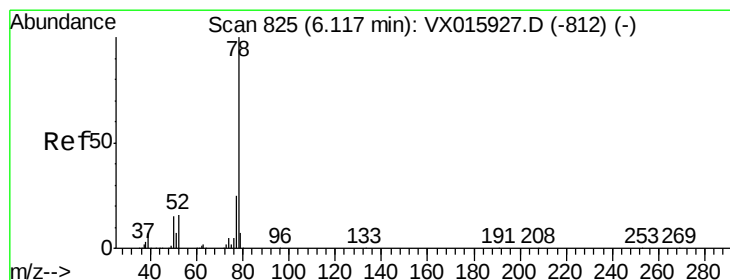
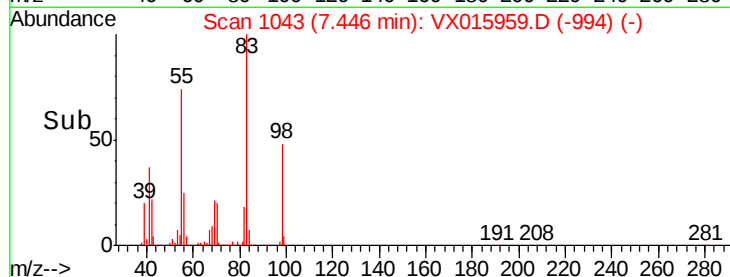
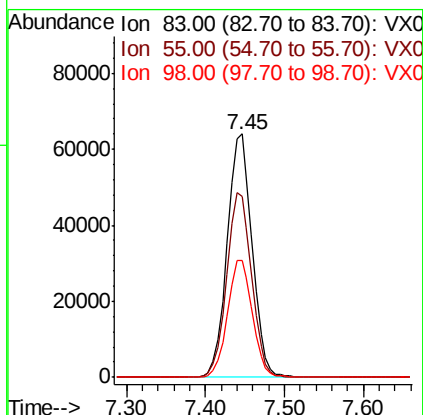
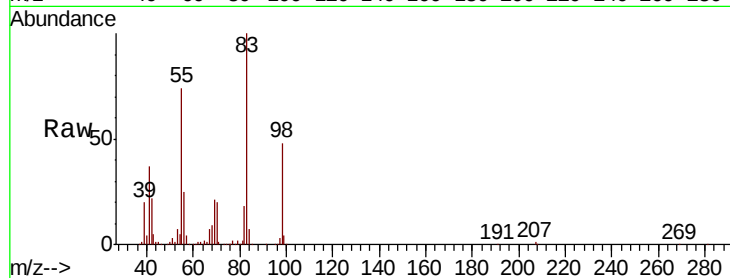




#39
Methvlcvclohexane
Concen: 46.923 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

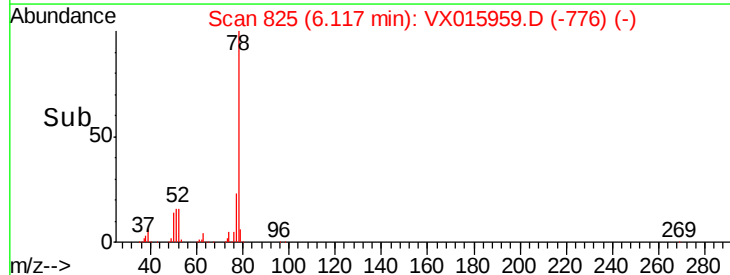
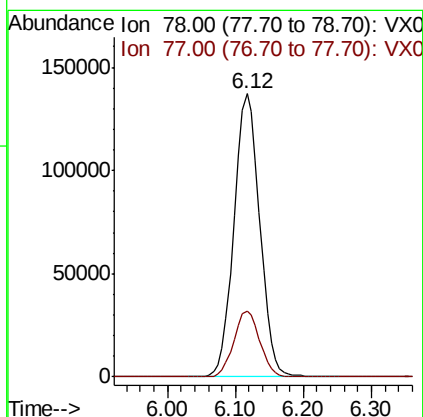
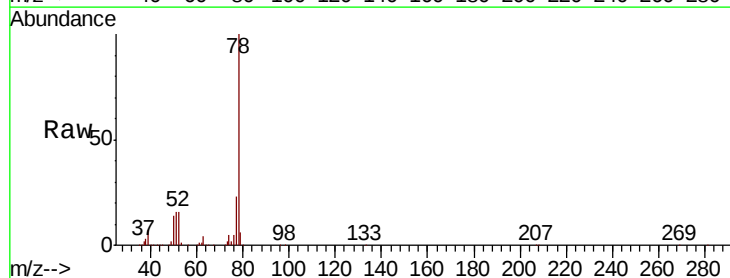
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

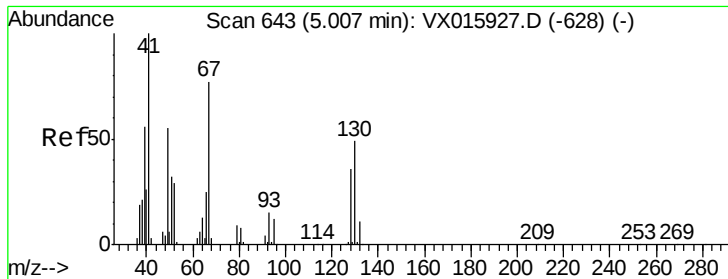
Tot Ion: 83 Resp: 140637
Ion Ratio Lower Upper
83 100
55 74.4 59.0 88.4
98 48.2 37.4 56.0



#40
Benzene
Concen: 49.950 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 78 Resp: 361441
Ion Ratio Lower Upper
78 100
77 23.3 19.8 29.8





#41

Methacrylonitrile

Concen: 48.460 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 68128

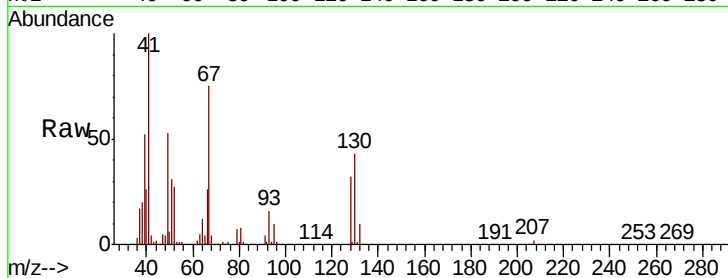
Ion Ratio Lower Upper

41 100

39 52.4 42.8 64.2

67 77.3 62.0 93.0

52 29.7 24.2 36.4

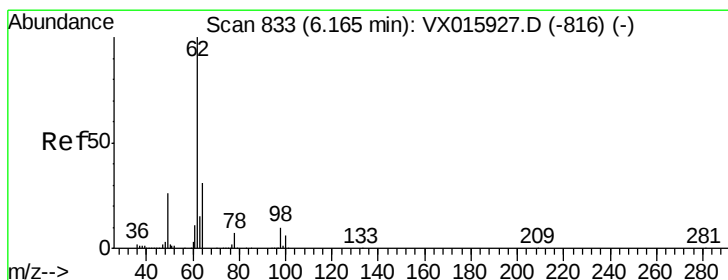
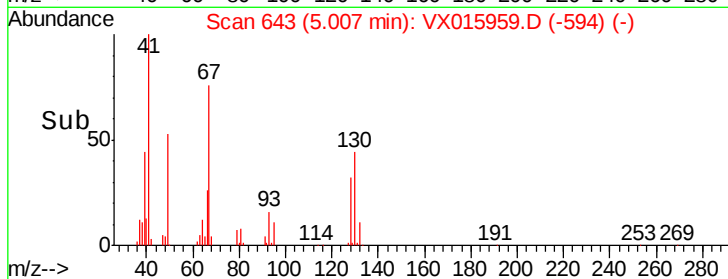
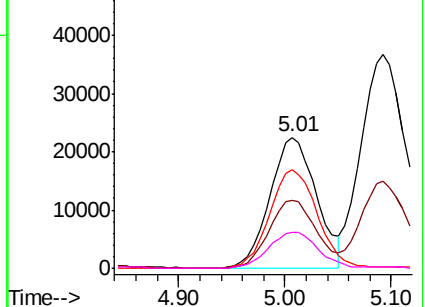


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.023 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX015959.D

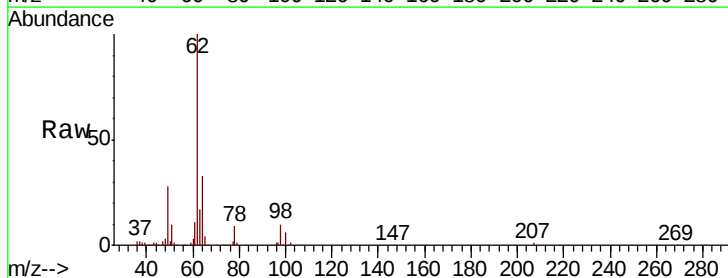
Acq: 25 Apr 2020 02:09

Tgt Ion: 62 Resp: 124140

Ion Ratio Lower Upper

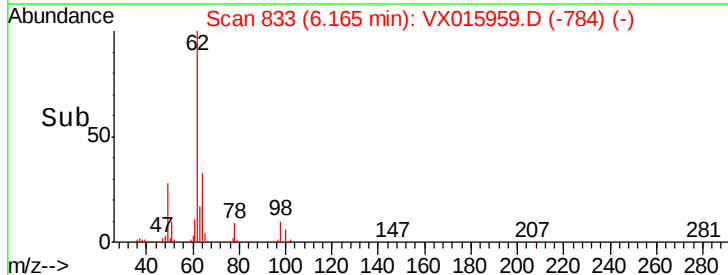
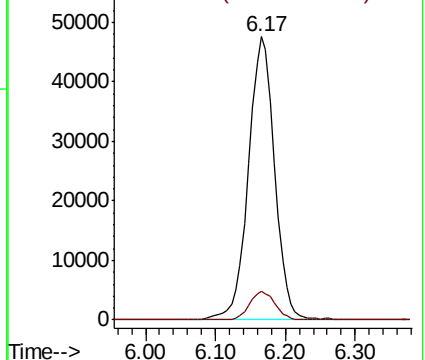
62 100

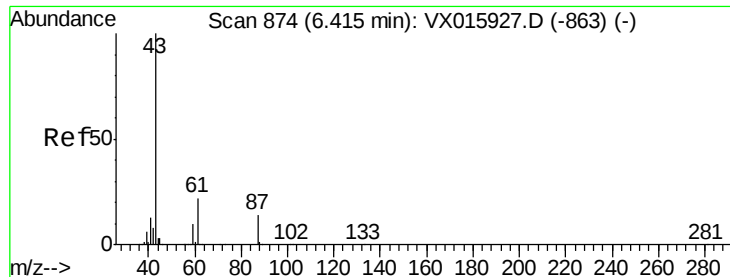
98 9.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



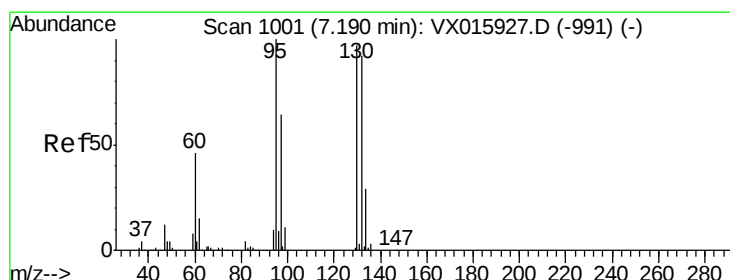
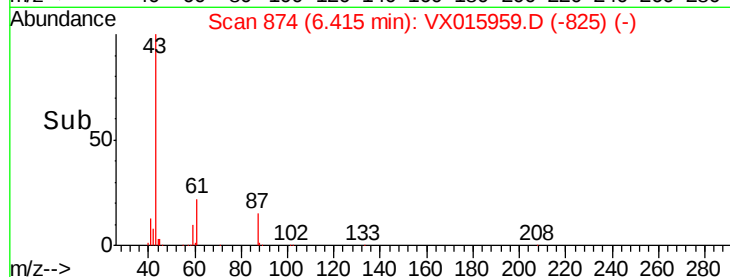
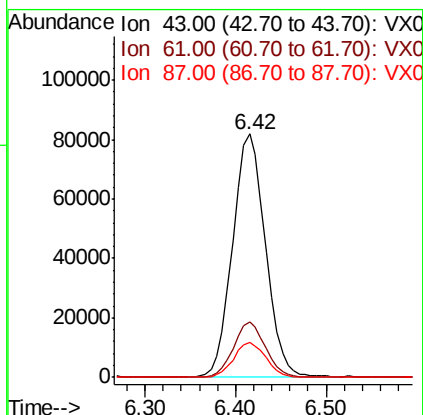
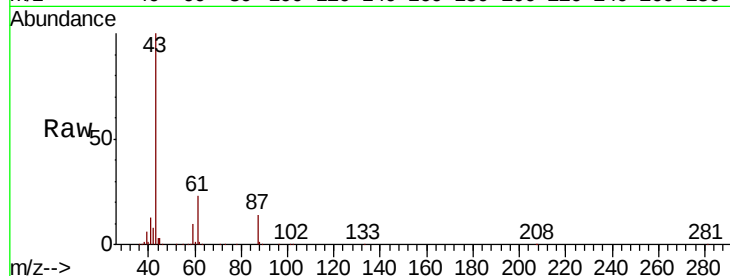


#43

Isopropyl Acetate
 Concen: 50.169 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

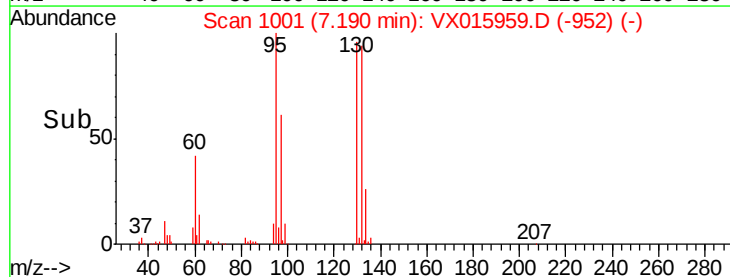
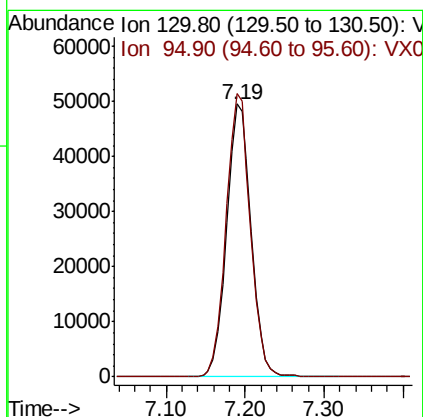
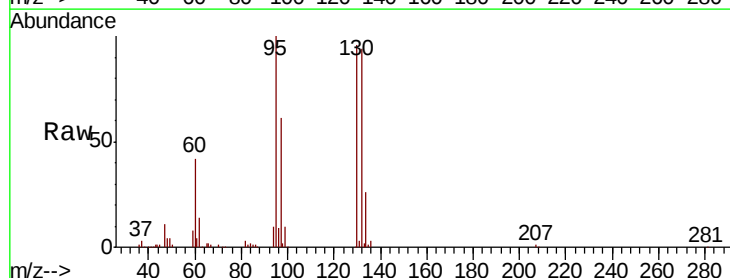
Tot Ion: 43 Resp: 204423
 Ion Ratio Lower Upper
 43 100
 61 22.4 17.6 26.4
 87 14.4 11.6 17.4

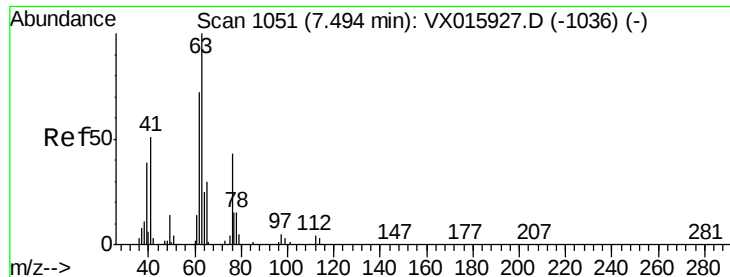


#44

Trichloroethene
 Concen: 47.944 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 130 Resp: 106792
 Ion Ratio Lower Upper
 130 100
 95 103.8 0.0 205.2





#45

1,2-Dichloropropane

Concen: 50.020 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

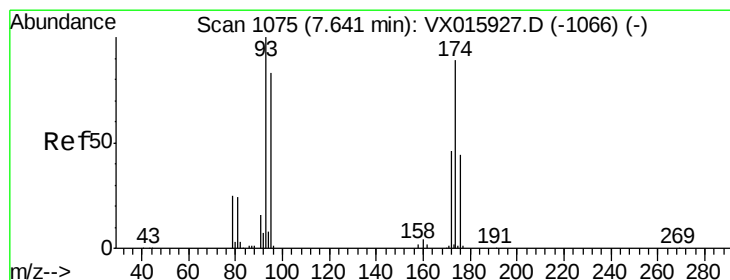
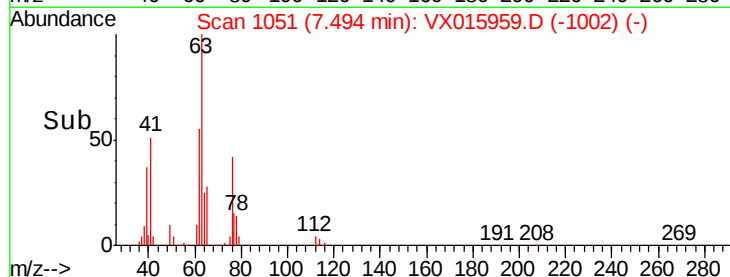
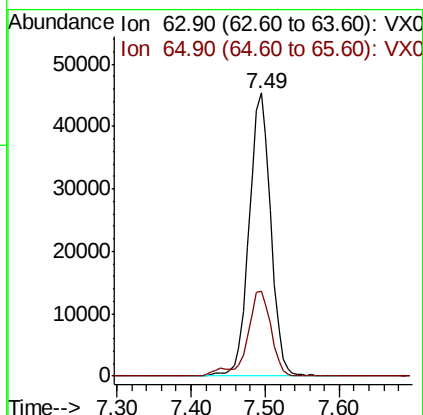
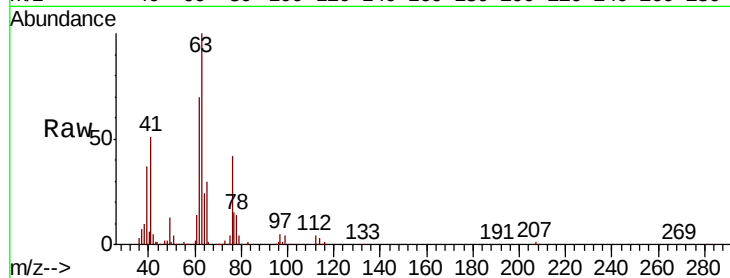
VSTDCCC050EC

Tot Ion: 63 Resp: 92619

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



#46

Dibromomethane

Concen: 48.949 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

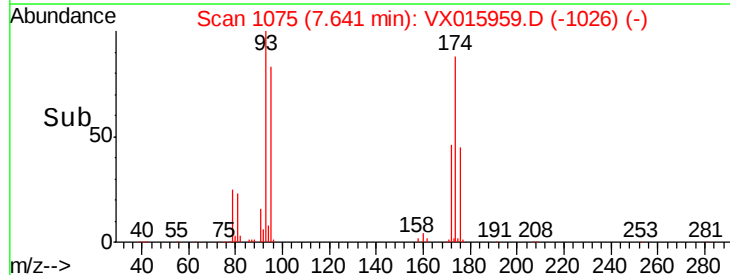
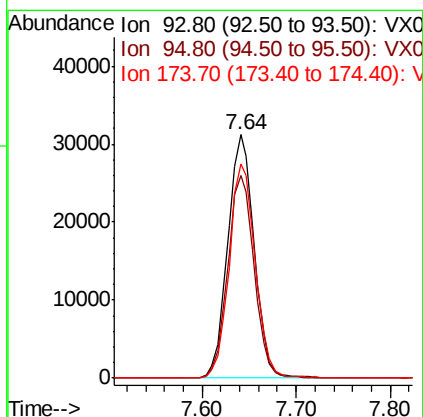
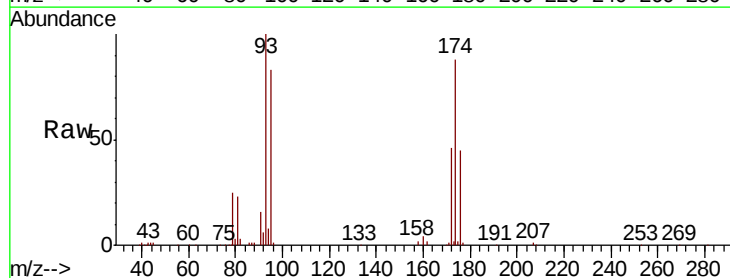
Tgt Ion: 93 Resp: 60528

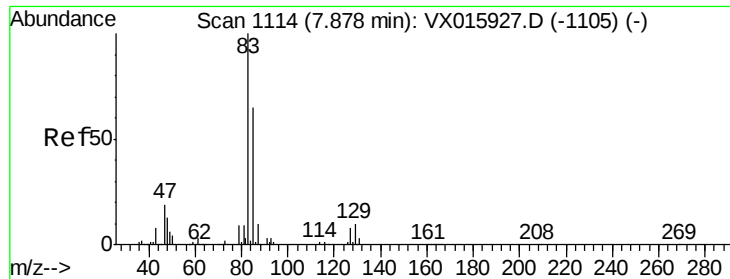
Ion Ratio Lower Upper

93 100

95 83.4 65.7 98.5

174 87.3 70.6 105.8





#47

Bromodichloromethane

Concen: 49.452 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

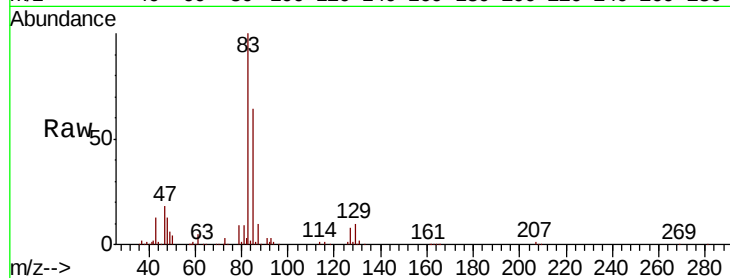
Tot Ion: 83 Resp: 124439

Ion Ratio Lower Upper

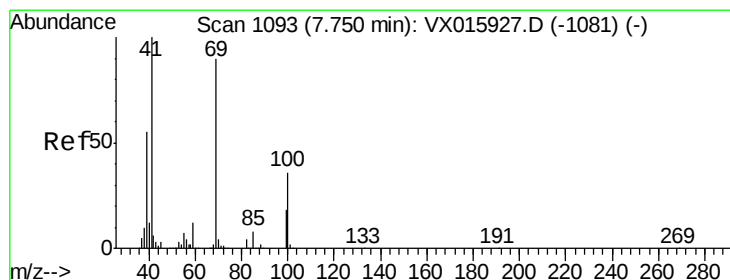
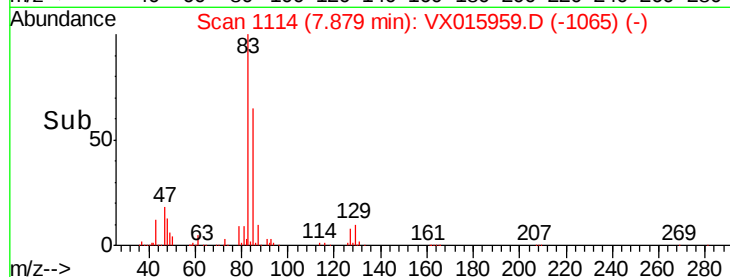
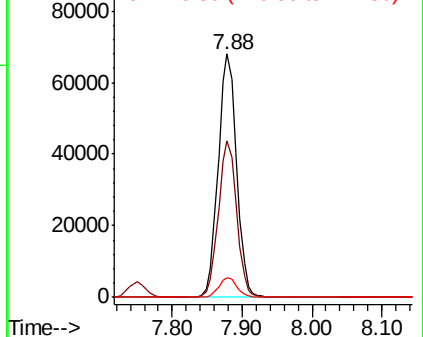
83 100

85 64.5 51.6 77.4

127 7.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.955 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

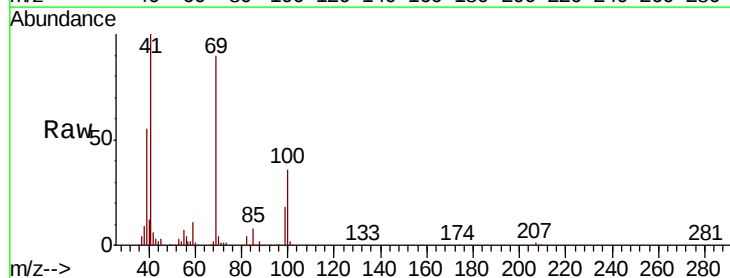
Tgt Ion: 41 Resp: 98088

Ion Ratio Lower Upper

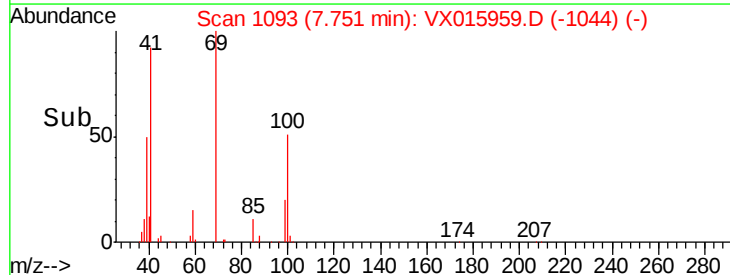
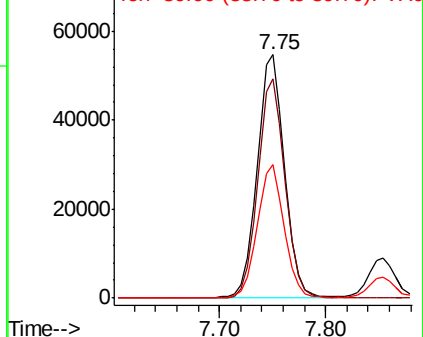
41 100

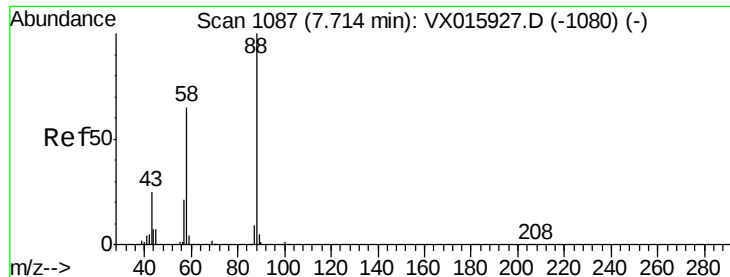
69 89.8 72.0 108.0

39 53.8 44.1 66.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1032.829 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

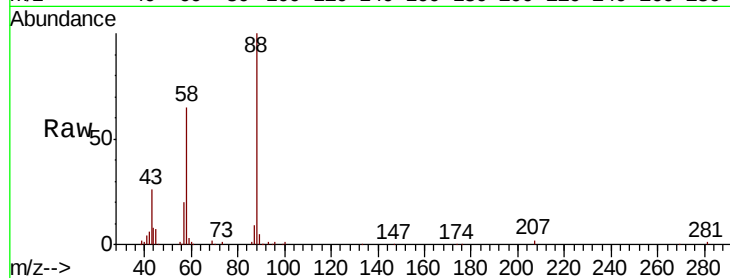
Tot Ion: 88 Resp: 46026

Ion Ratio Lower Upper

88 100

43 29.0 23.8 35.8

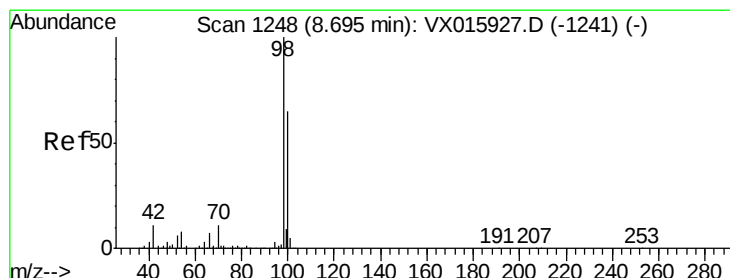
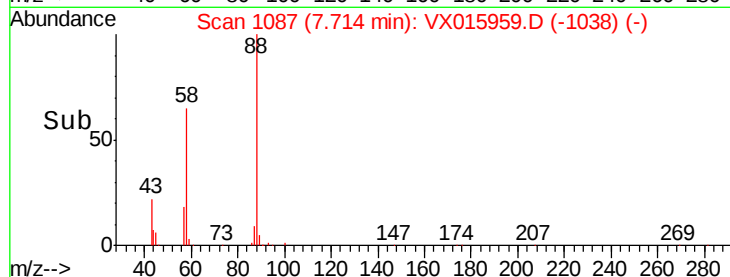
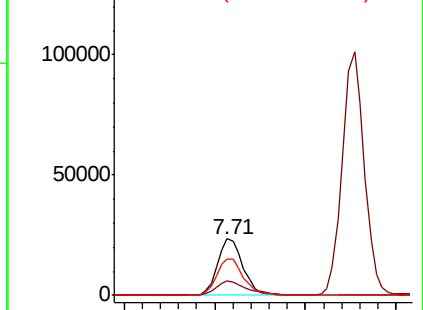
58 68.7 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.058 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX015959.D

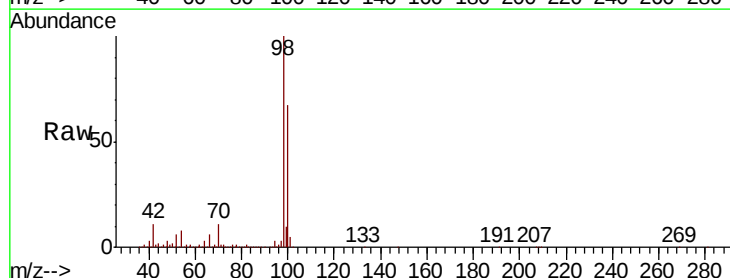
Acq: 25 Apr 2020 02:09

Tgt Ion: 98 Resp: 305432

Ion Ratio Lower Upper

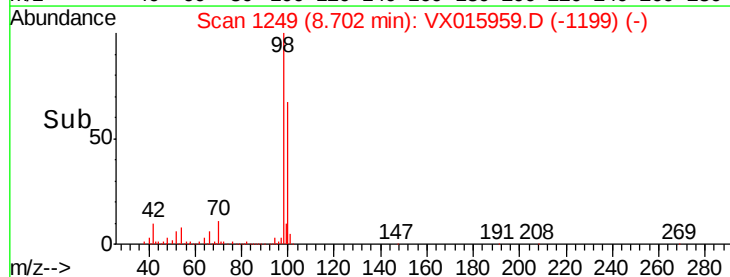
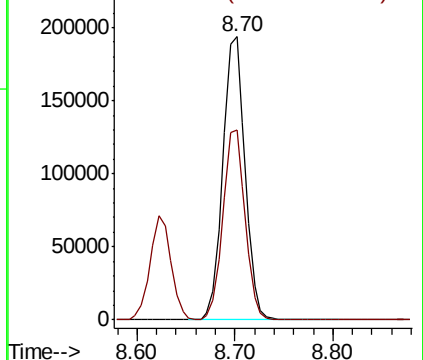
98 100

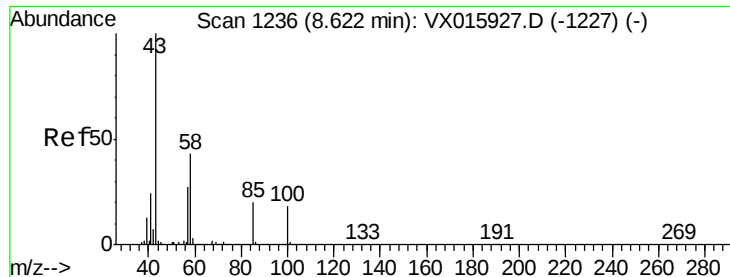
100 66.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

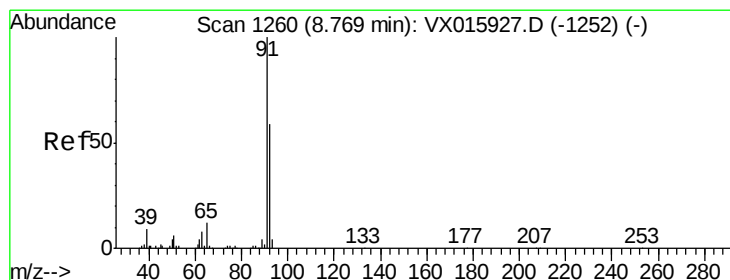
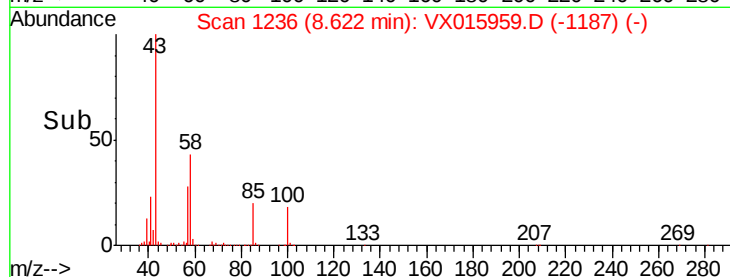
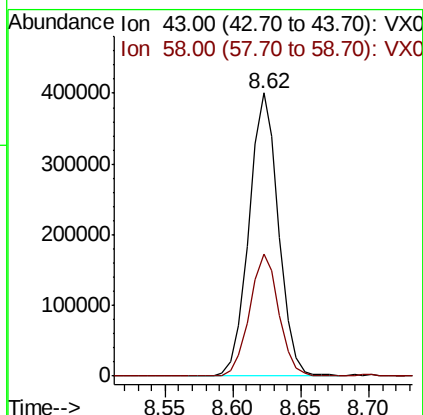
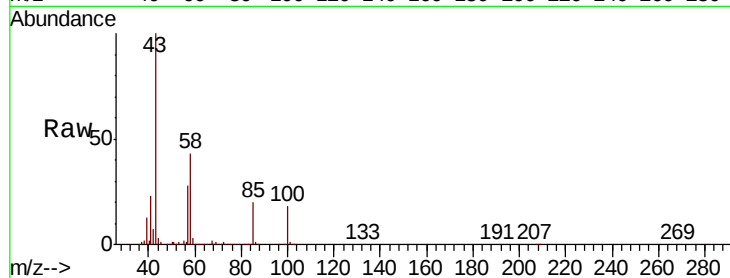




#51
 4-Methyl-2-Pentanone
 Concen: 254.772 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

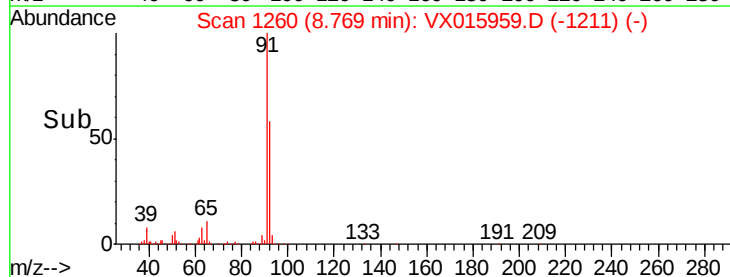
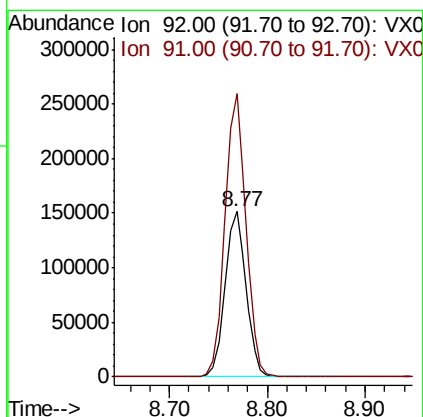
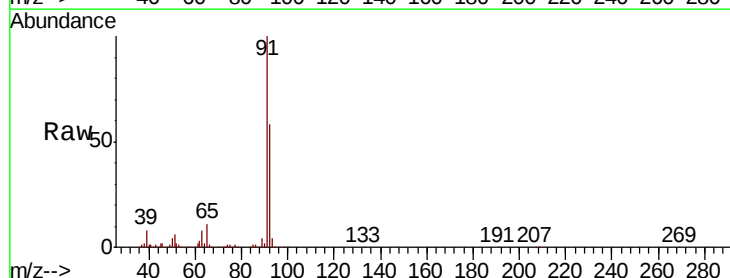
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

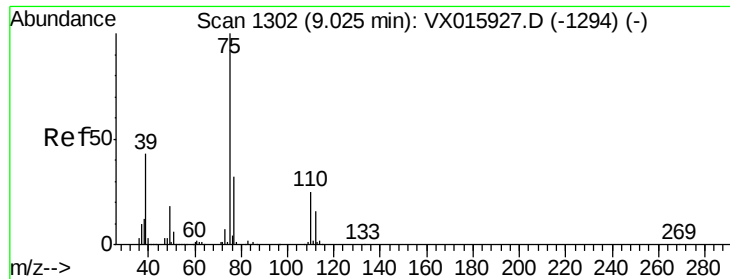
Tot Ion: 43 Resp: 608592
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.2 51.4



#52
 Toluene
 Concen: 49.297 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 92 Resp: 226289
 Ion Ratio Lower Upper
 92 100
 91 170.7 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 47.425 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

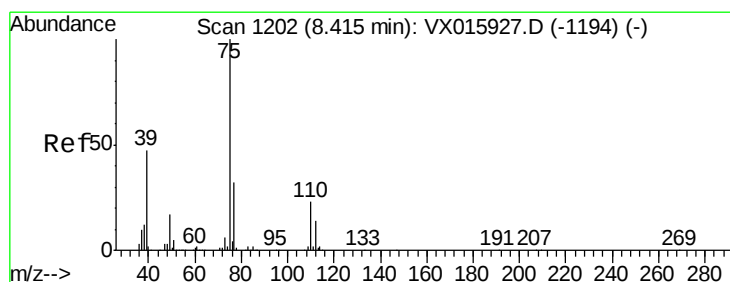
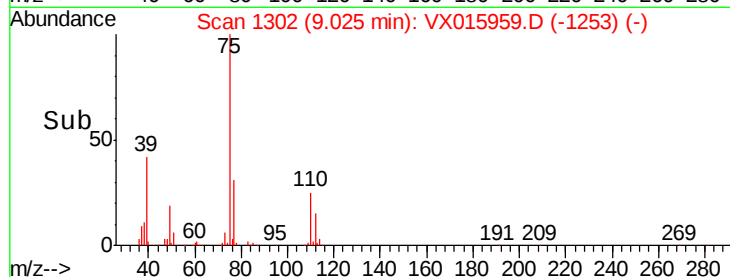
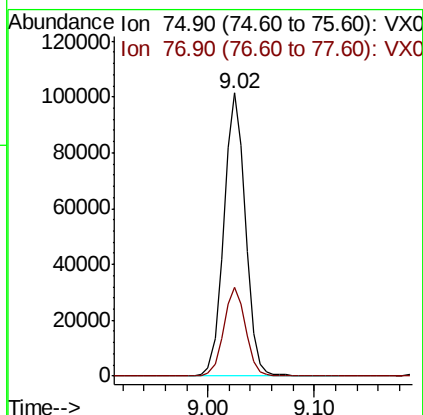
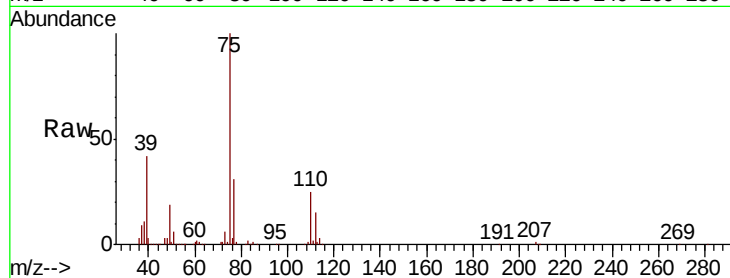
VSTDCCC050EC

Tot Ion: 75 Resp: 143900

Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 47.996 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

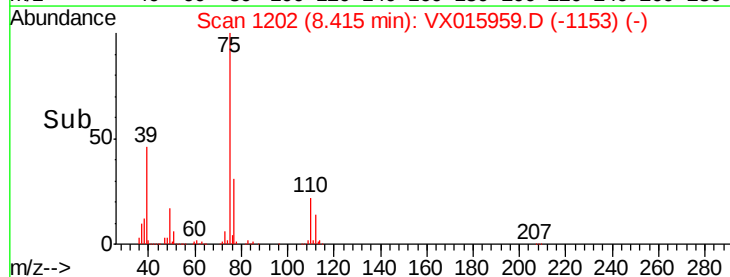
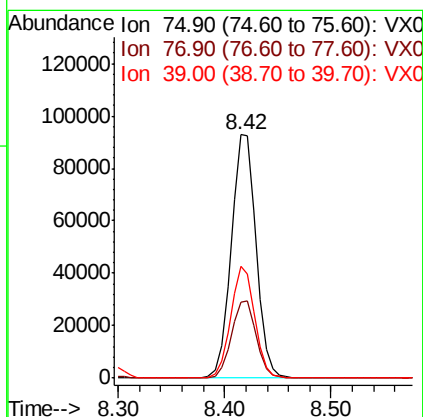
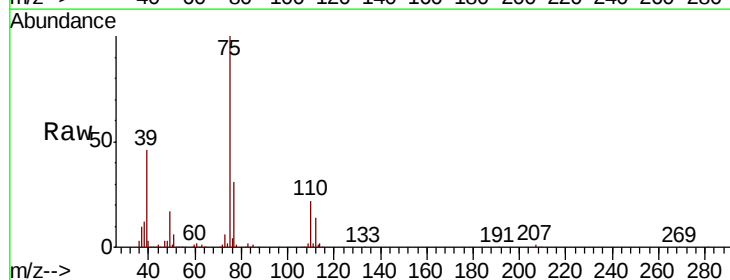
Tgt Ion: 75 Resp: 152348

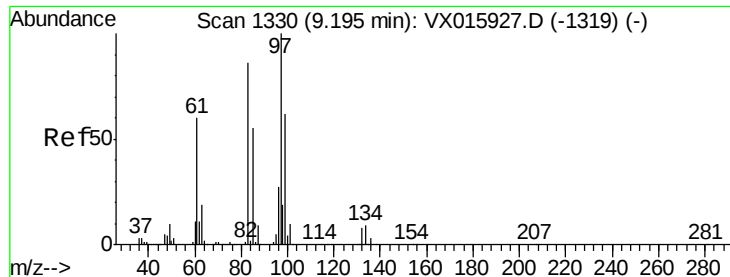
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

39 45.6 37.2 55.8

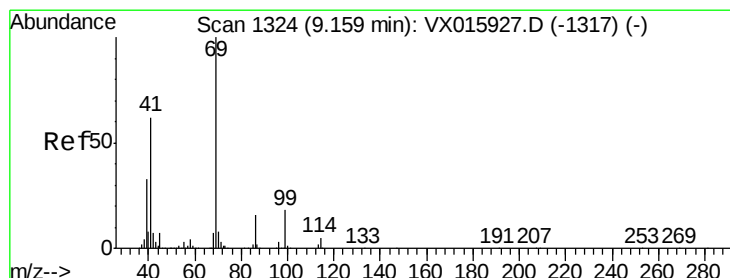
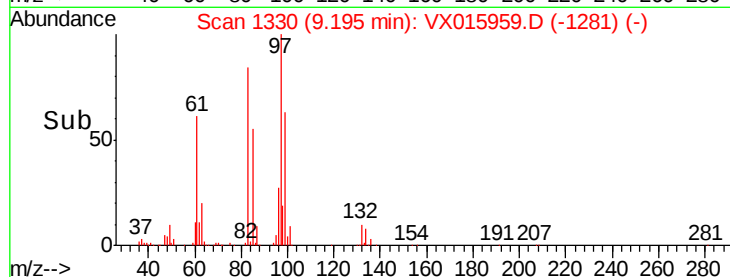
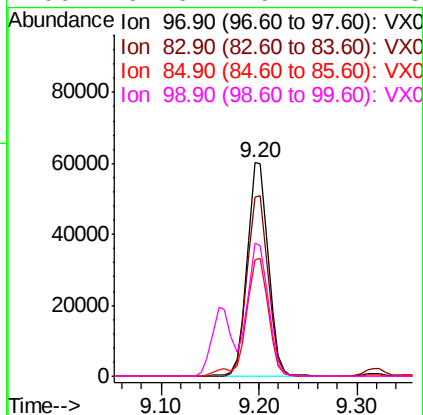
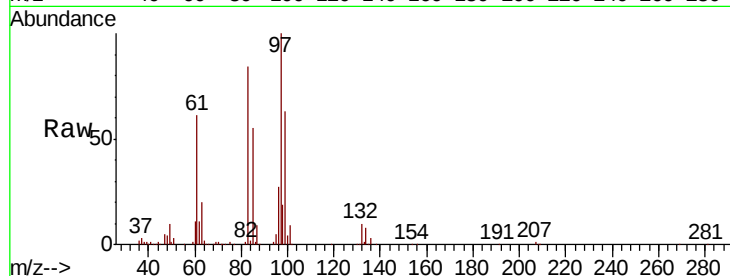




#55
 1,1,2-Trichloroethane
 Concen: 49.396 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

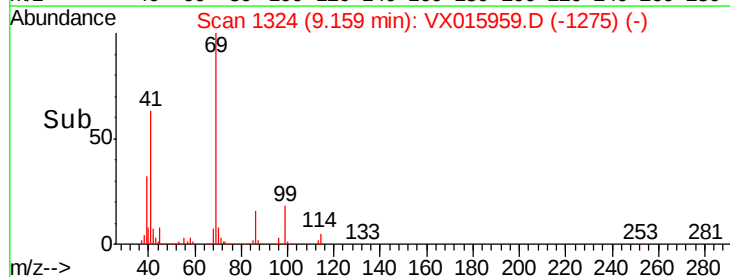
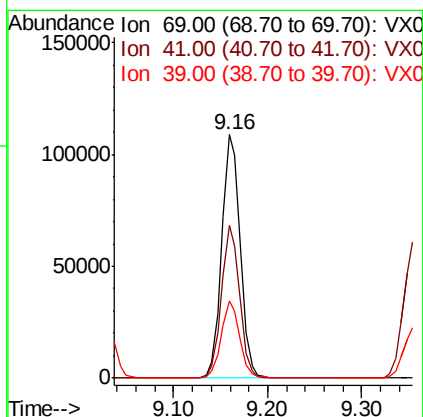
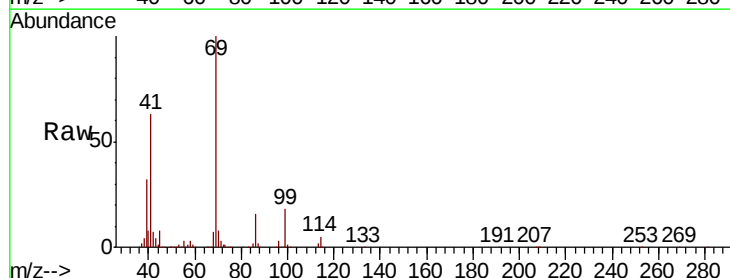
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

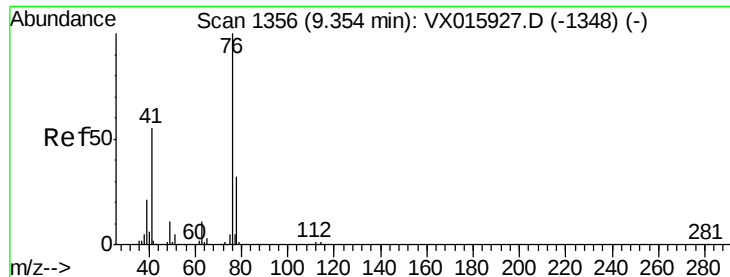
Tot Ion:	97	Resp:	90559
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.6	103.0
85	54.8	44.0	66.0
99	62.6	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 50.105 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion:	69	Resp:	147979
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.2	73.8
39	31.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 50.217 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

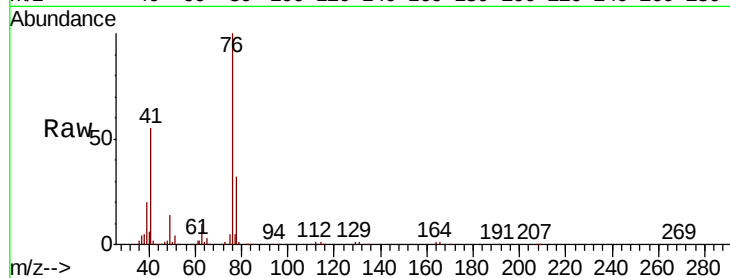
VSTDCCC050EC

Tot Ion: 76 Resp: 157510

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

120000

100000

80000

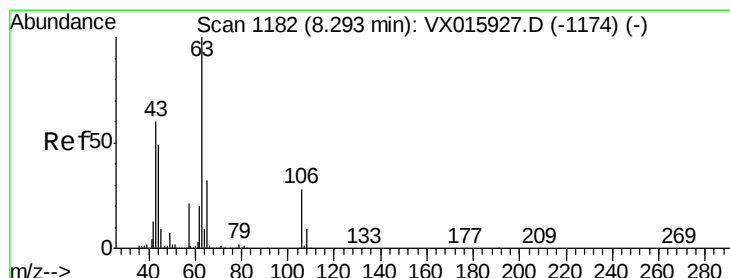
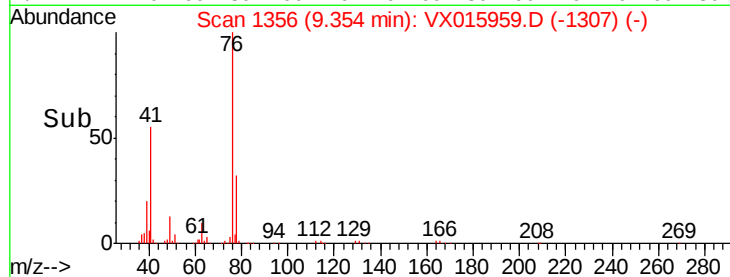
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 264.439 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015959.D

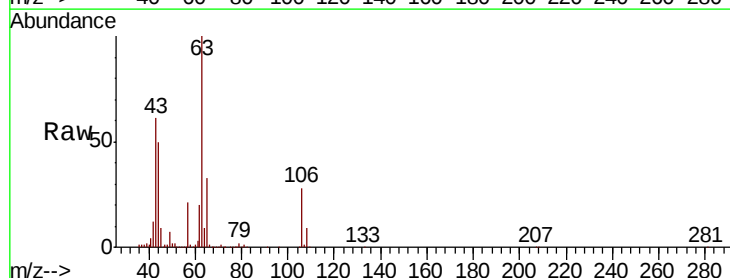
Acq: 25 Apr 2020 02:09

Tgt Ion: 63 Resp: 385920

Ion Ratio Lower Upper

63 100

106 28.2 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

250000

200000

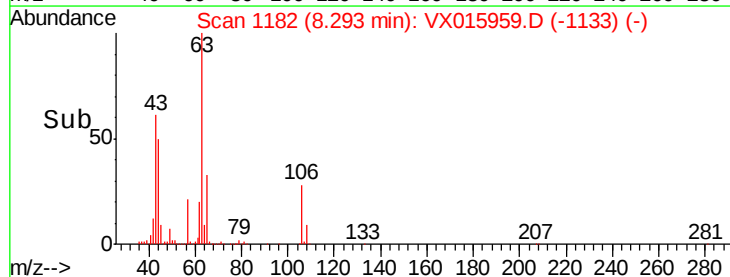
150000

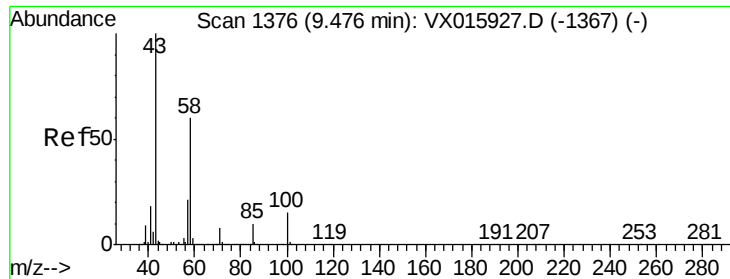
100000

50000

0

Time-->

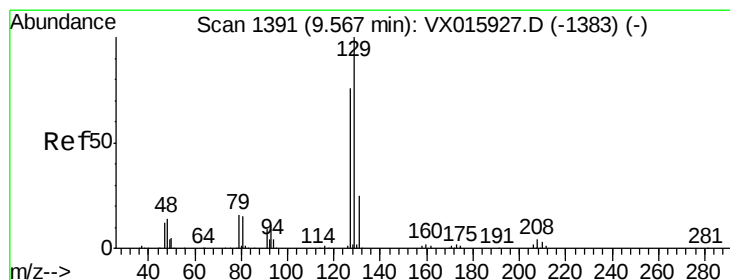
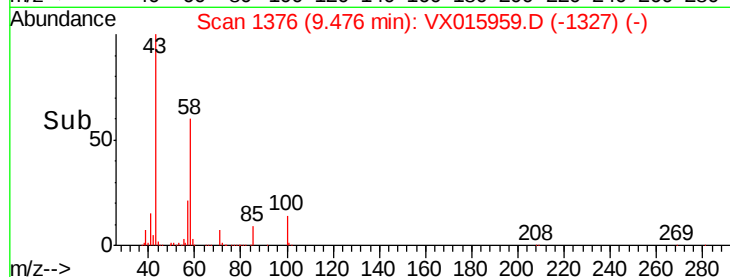
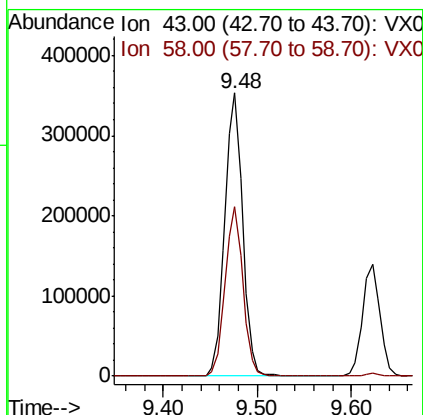
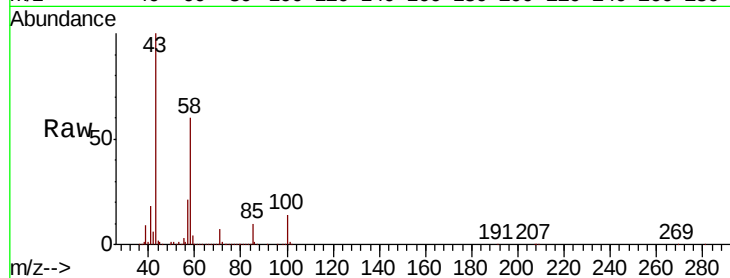




#59
2-Hexanone
Concen: 256.510 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

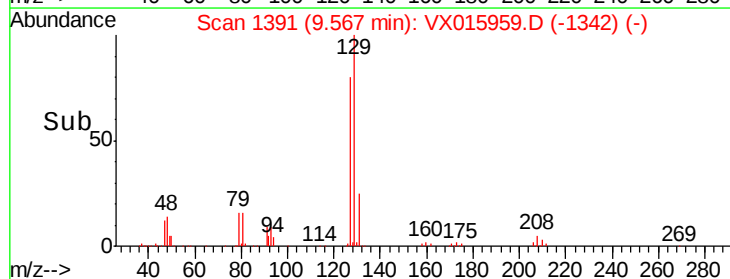
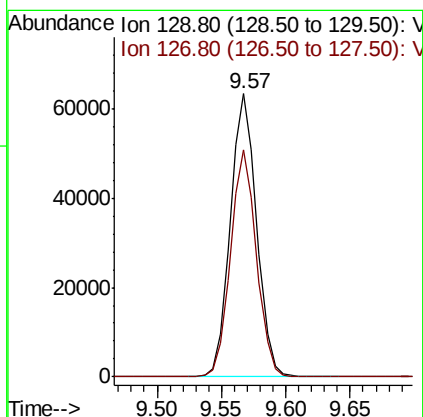
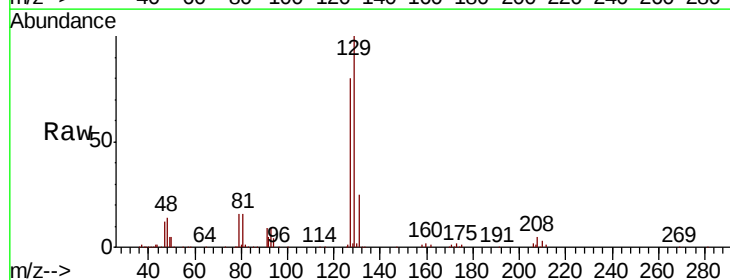
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

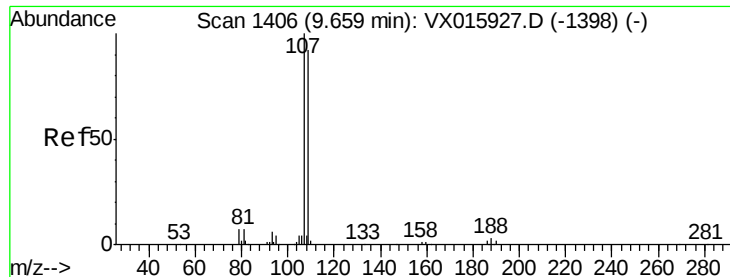
Tot Ion: 43 Resp: 465269
Ion Ratio Lower Upper
43 100
58 59.6 29.7 89.1



#60
Dibromochloromethane
Concen: 49.600 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion: 129 Resp: 90300
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.432 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

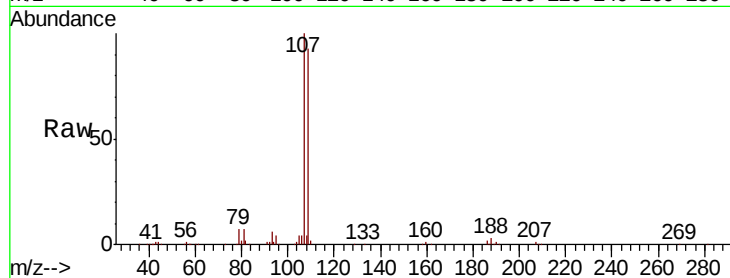
VSTDCCC050EC

Tot Ion:107 Resp: 93734

Ion Ratio Lower Upper

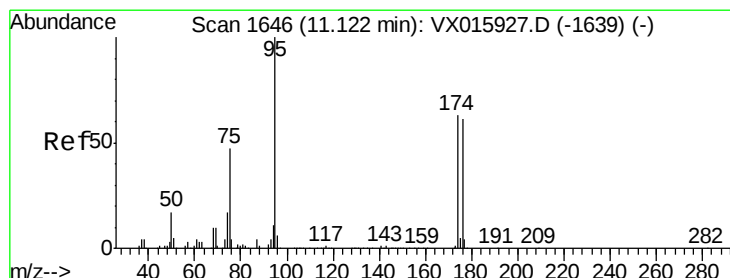
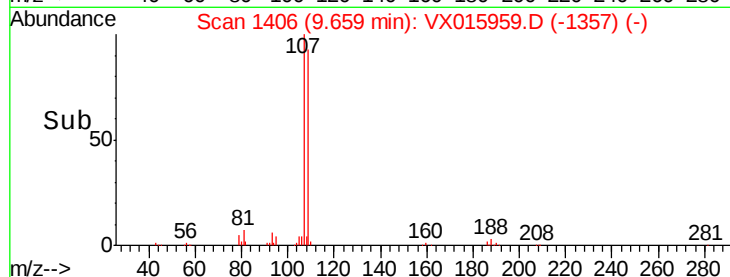
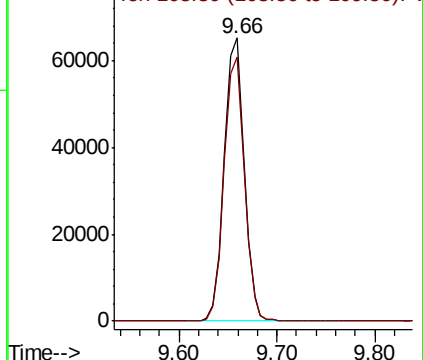
107 100

109 94.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.011 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

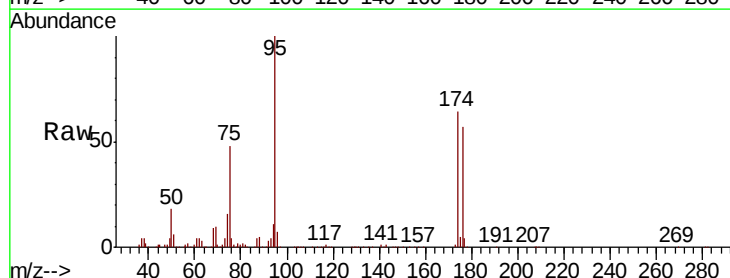
Tgt Ion: 95 Resp: 123770

Ion Ratio Lower Upper

95 100

174 65.5 0.0 133.6

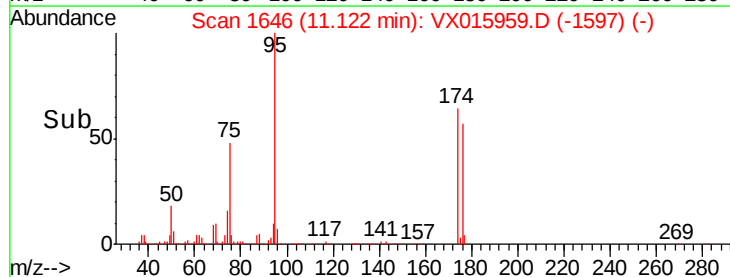
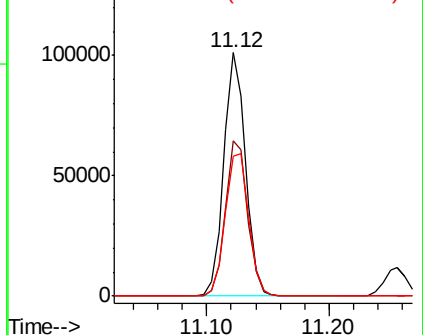
176 63.1 0.0 126.0

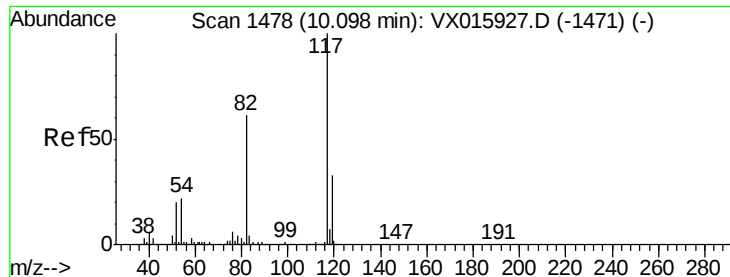


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

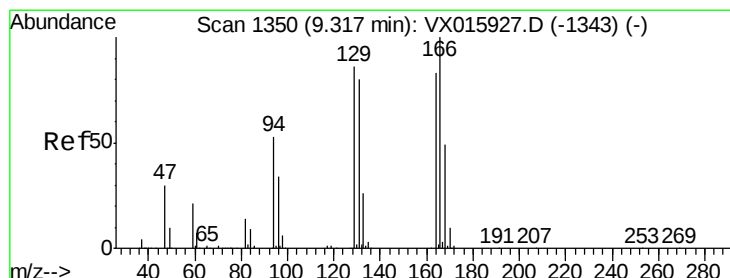
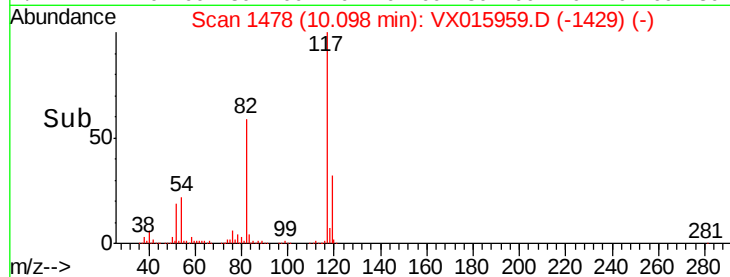
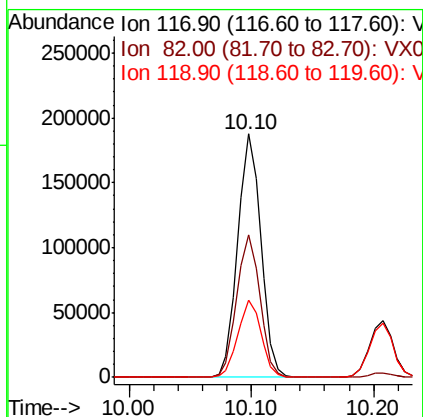
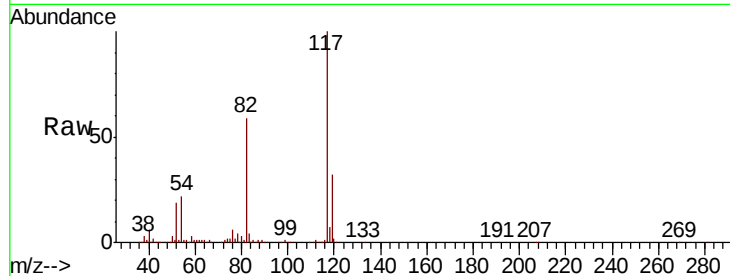




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

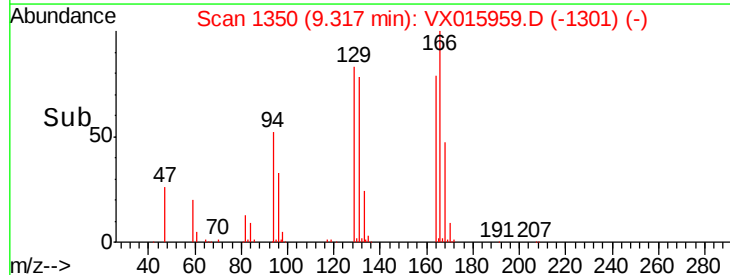
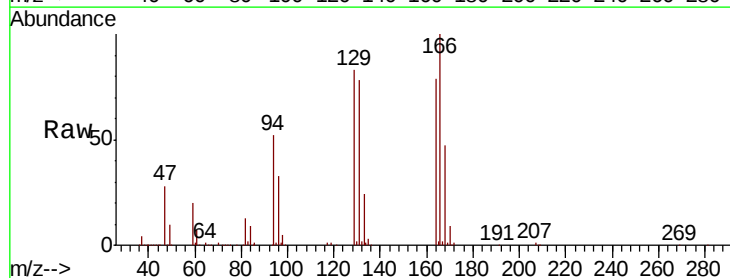
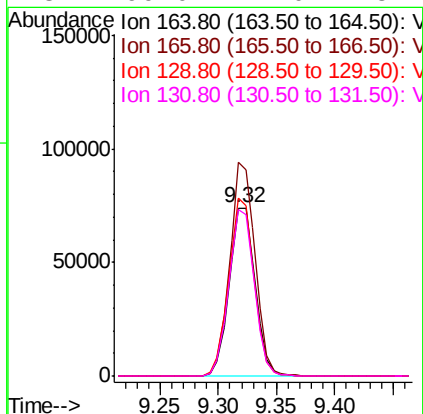
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

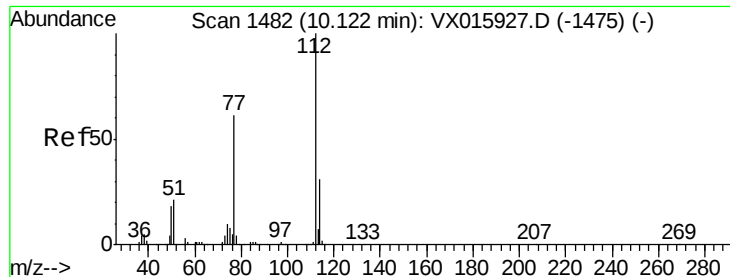
Tot Ion:117 Resp: 246122
Ion Ratio Lower Upper
117 100
82 58.6 48.5 72.7
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 46.602 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion:164 Resp: 114131
Ion Ratio Lower Upper
164 100
166 127.3 96.7 145.1
129 105.8 82.8 124.2
131 99.0 77.0 115.4





#65

Chlorobenzene

Concen: 48.678 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

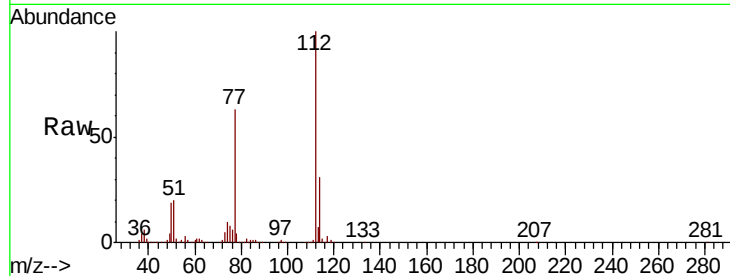
VSTDCCC050EC

Tot Ion:112 Resp: 237862

Ion Ratio Lower Upper

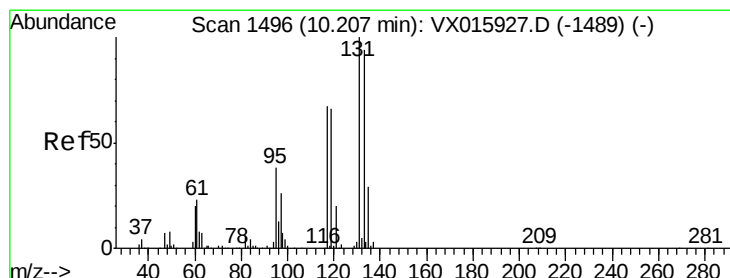
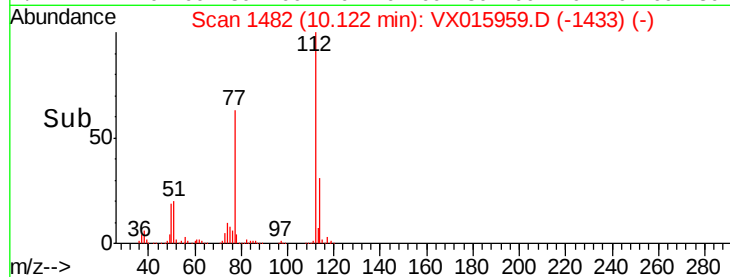
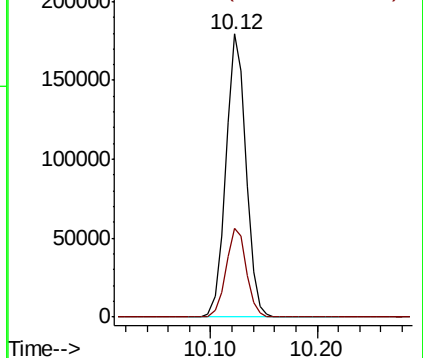
112 100

114 31.5 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.949 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

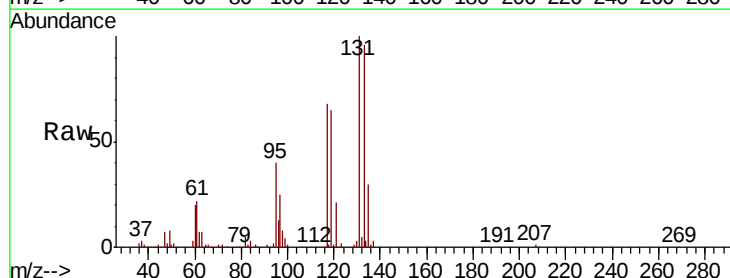
Tgt Ion:131 Resp: 84758

Ion Ratio Lower Upper

131 100

133 95.4 46.7 140.0

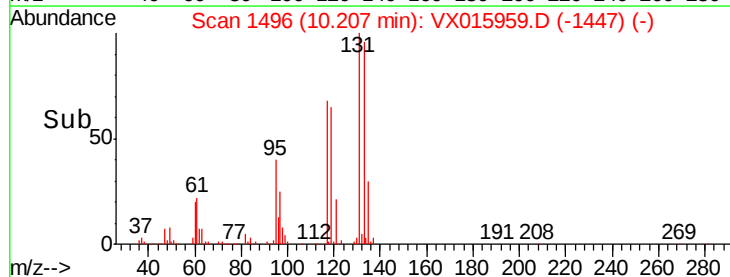
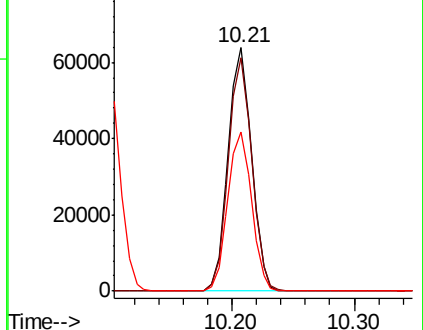
119 66.7 33.7 101.0

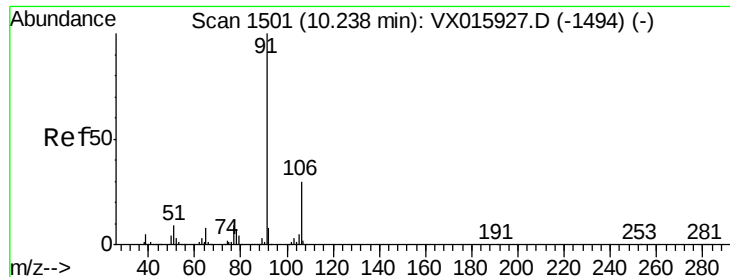


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.425 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

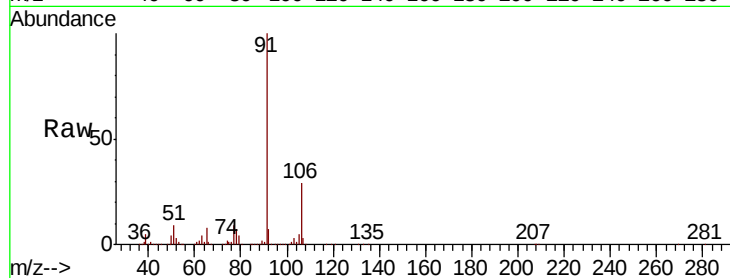
VSTDCCC050EC

Tot Ion: 91 Resp: 436259

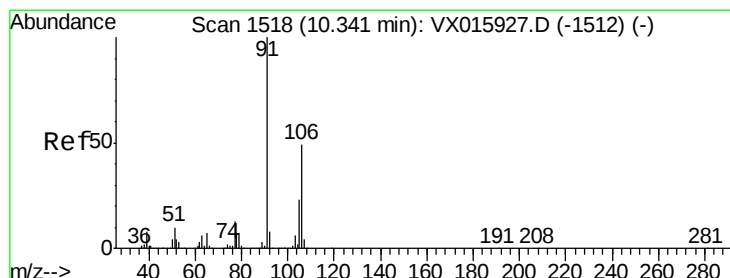
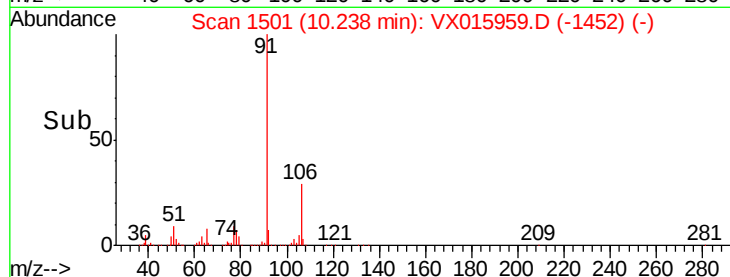
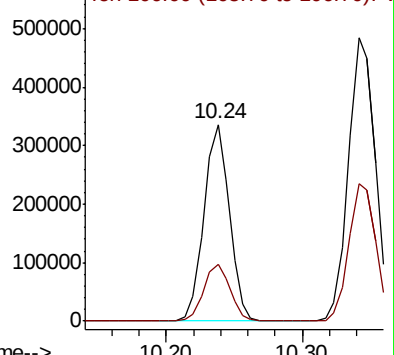
Ion Ratio Lower Upper

91 100

106 29.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1494) (-)



#68

m/p-Xylenes

Concen: 98.235 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015959.D

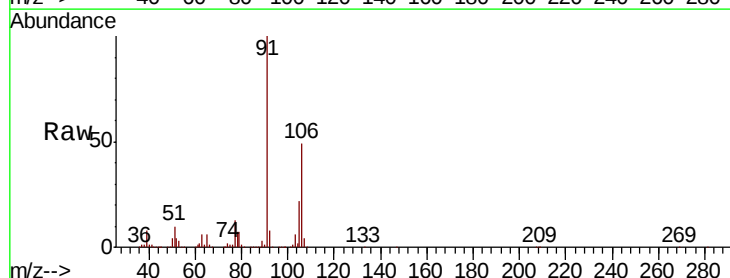
Acq: 25 Apr 2020 02:09

Tgt Ion: 106 Resp: 324115

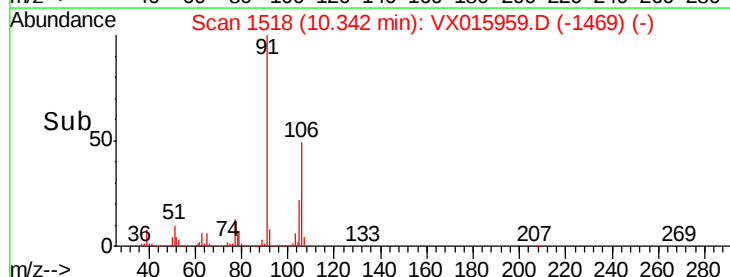
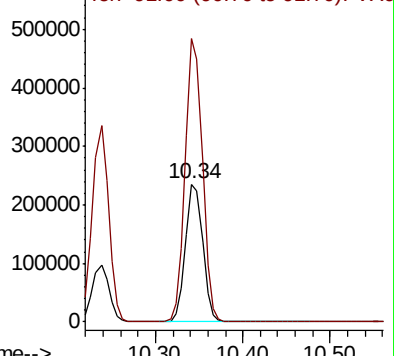
Ion Ratio Lower Upper

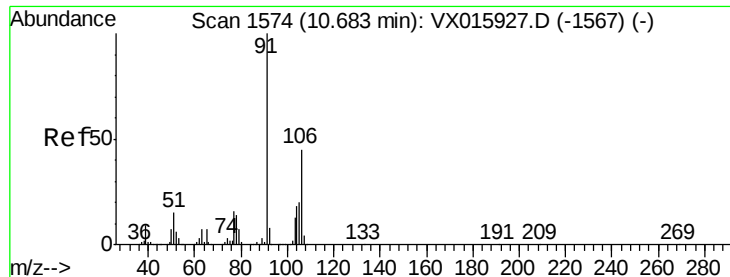
106 100

91 204.5 164.9 247.3



Abundance Ion 106.00 (105.70 to 106.70): VX015927.D (-1512) (-)

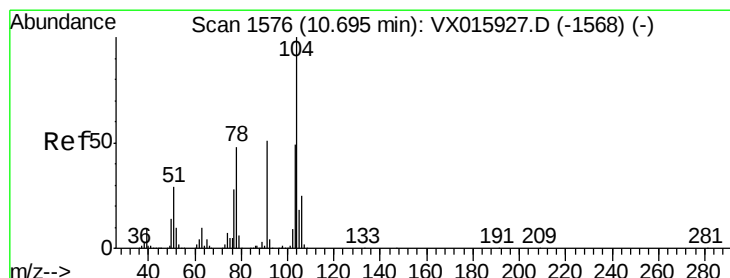
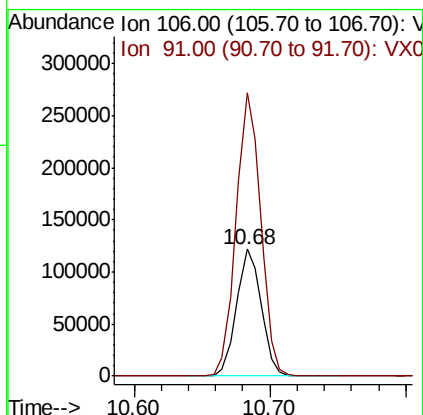
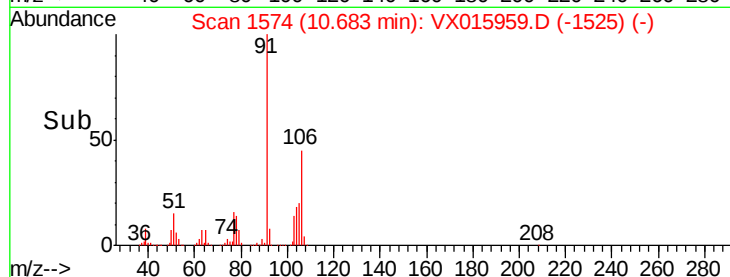
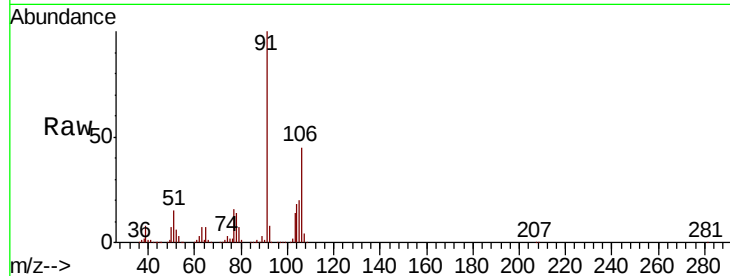




#69
o-Xylene
Concen: 47.975 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

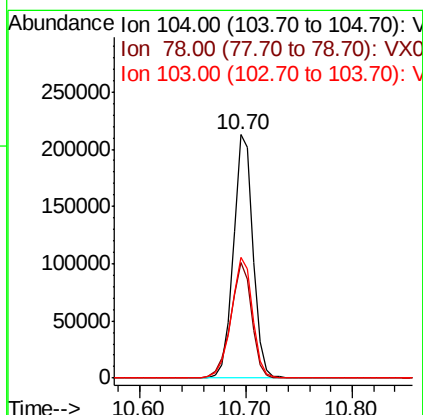
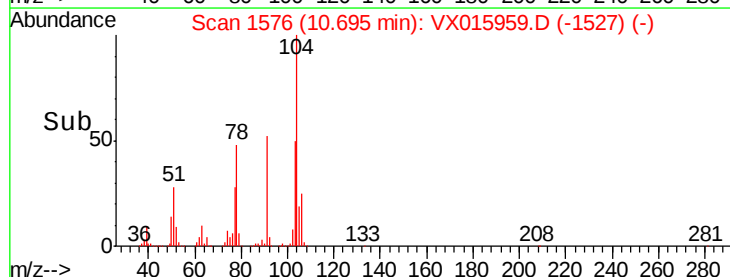
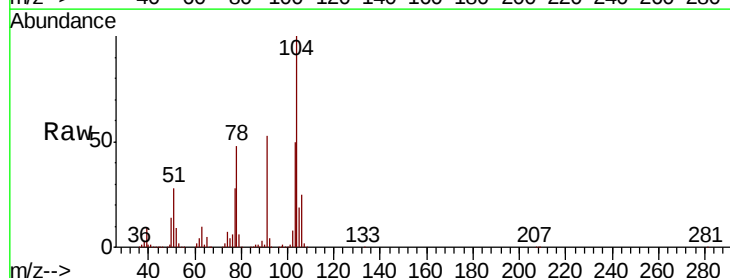
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

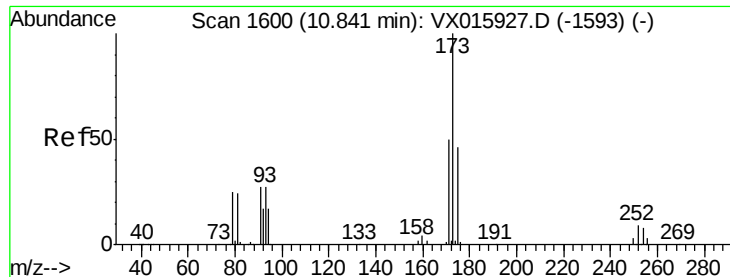
Tot Ion:106 Resp: 154463
Ion Ratio Lower Upper
106 100
91 222.7 108.6 325.8



#70
Styrene
Concen: 49.391 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion:104 Resp: 274267
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 53.8 42.7 64.1





#71

Bromoform

Concen: 43.085 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

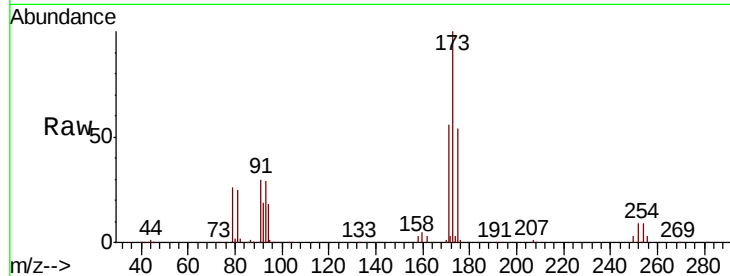
Tot Ion:173 Resp: 56365

Ion Ratio Lower Upper

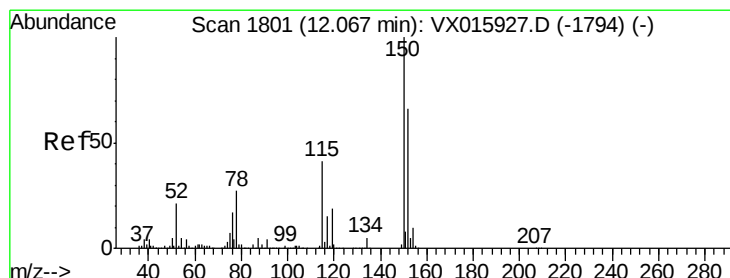
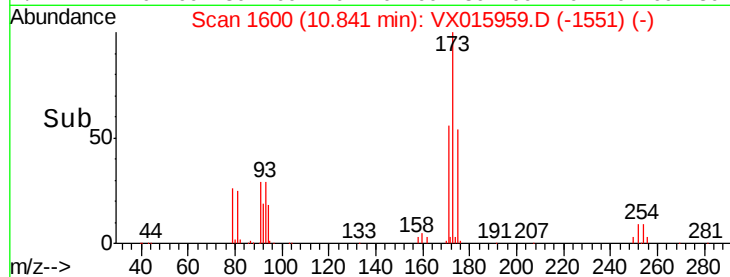
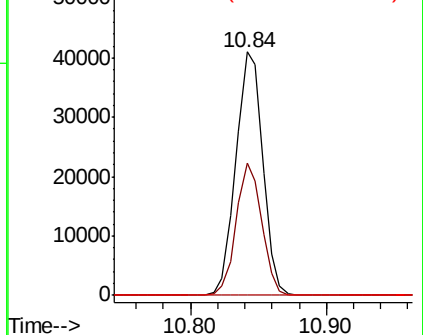
173 100

175 51.5 23.2 69.5

254 0.0 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# 1801

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

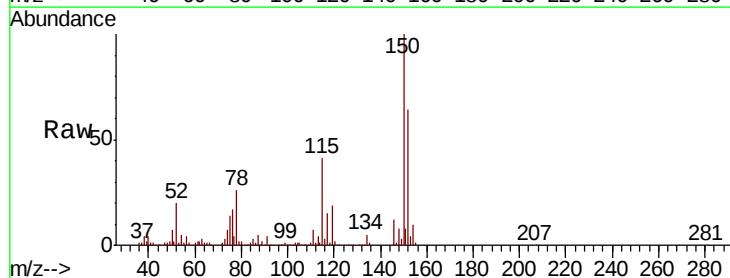
Tgt Ion:152 Resp: 114655

Ion Ratio Lower Upper

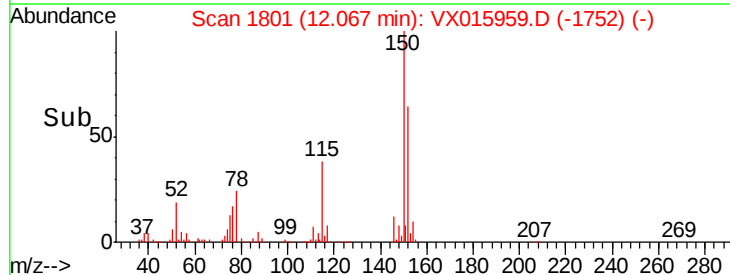
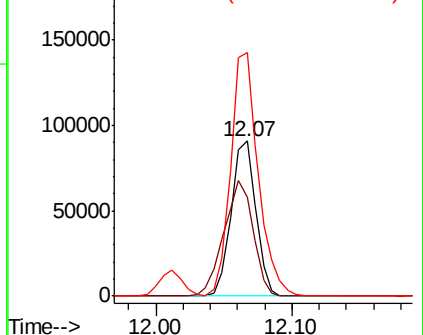
152 100

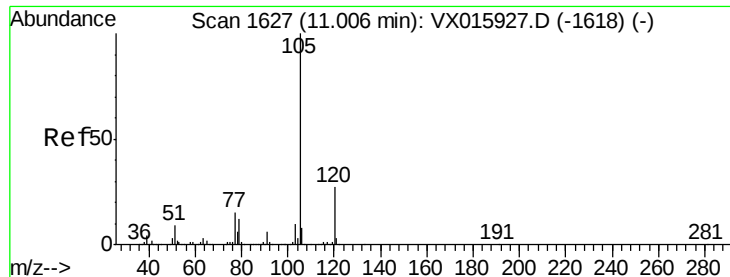
115 88.3 44.1 132.4

150 174.1 0.0 343.6



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: 48.644 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

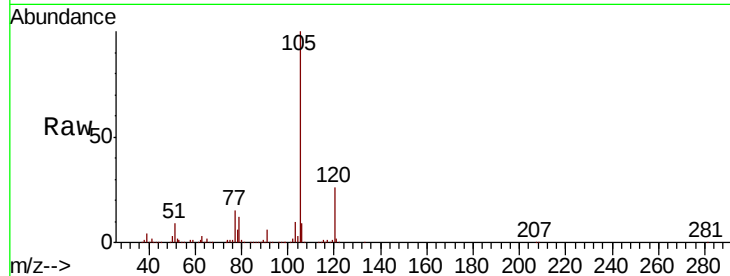
VSTDCCC050EC

Tot Ion:105 Resp: 414551

Ion Ratio Lower Upper

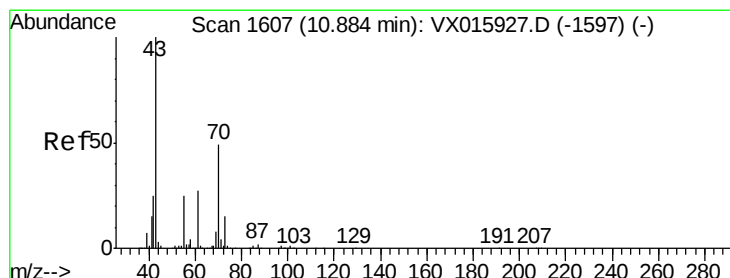
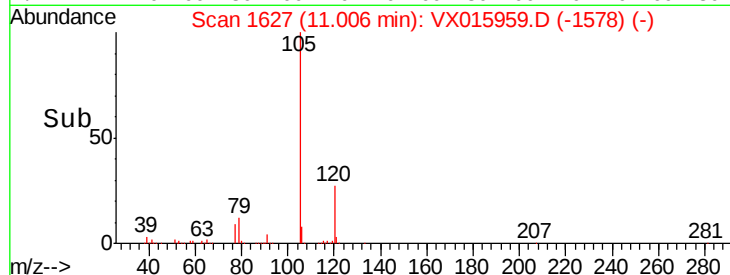
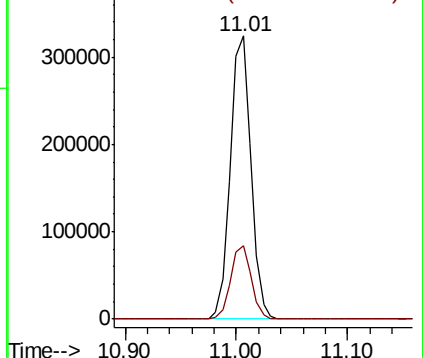
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.429 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Tgt Ion: 43 Resp: 186653

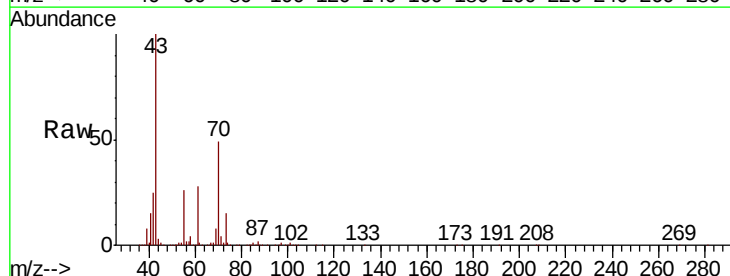
Ion Ratio Lower Upper

43 100

70 47.9 37.8 56.6

55 25.9 20.2 30.2

61 27.0 21.6 32.4

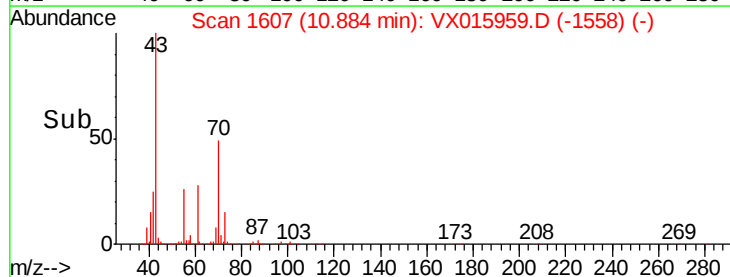
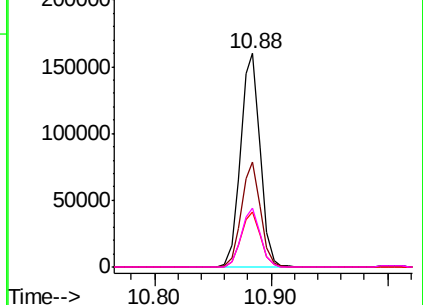


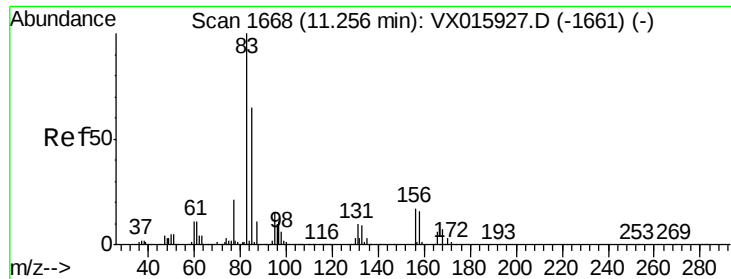
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.990 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

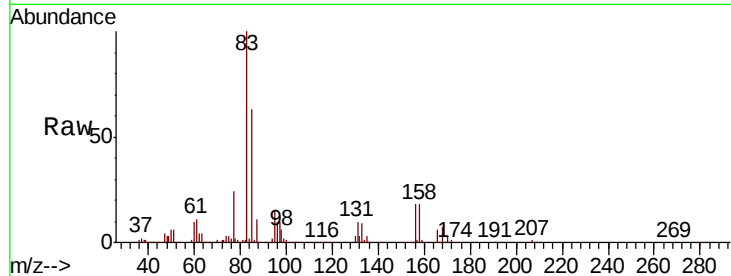
Tot Ion: 83 Resp: 105905

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

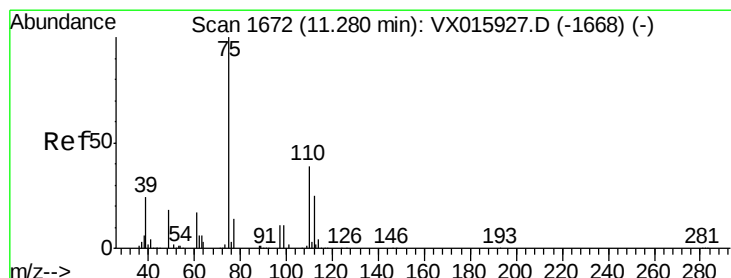
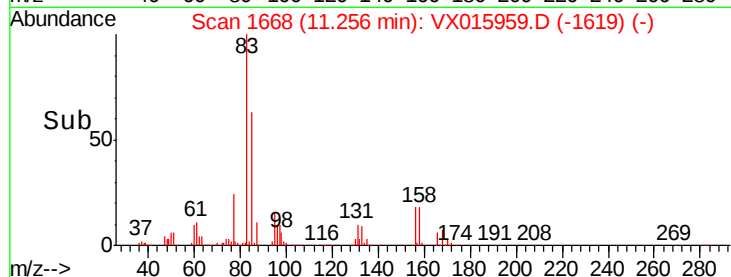
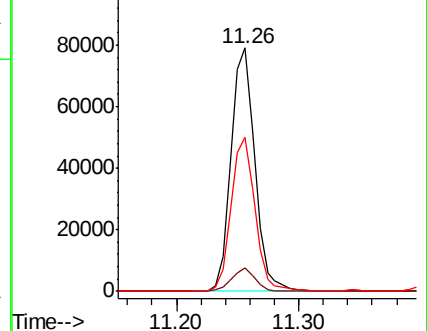
85 63.5 32.1 96.3



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: 68.636 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015959.D

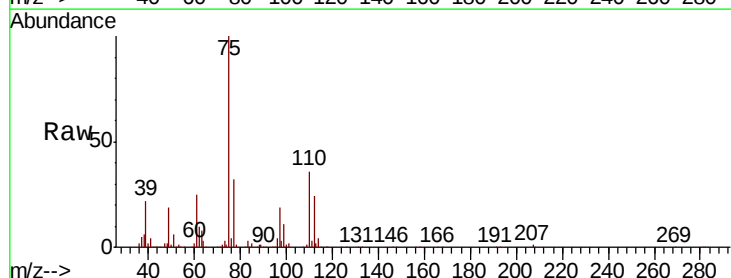
Acq: 25 Apr 2020 02:09

Tgt Ion: 75 Resp: 168806

Ion Ratio Lower Upper

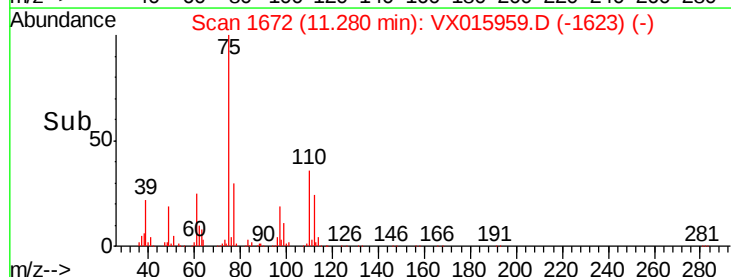
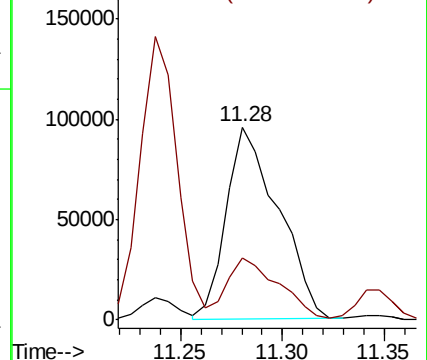
75 100

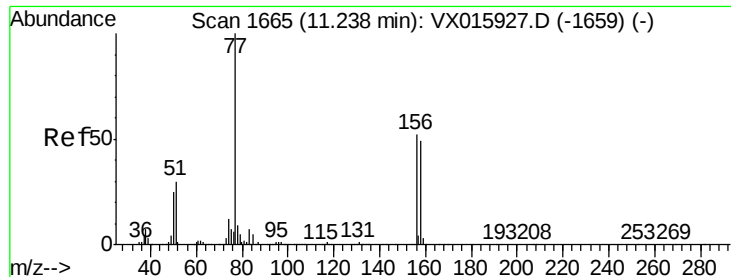
77 32.3 22.1 66.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.027 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

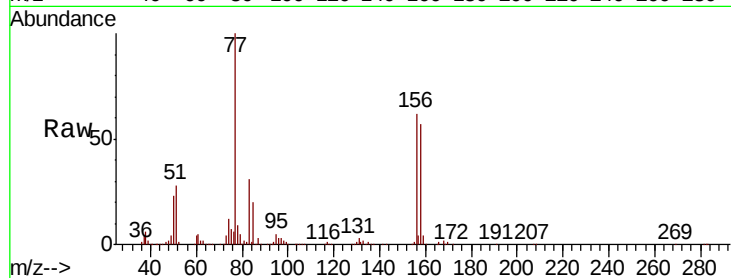
Tot Ion:156 Resp: 96837

Ion Ratio Lower Upper

156 100

77 184.0 94.0 281.9

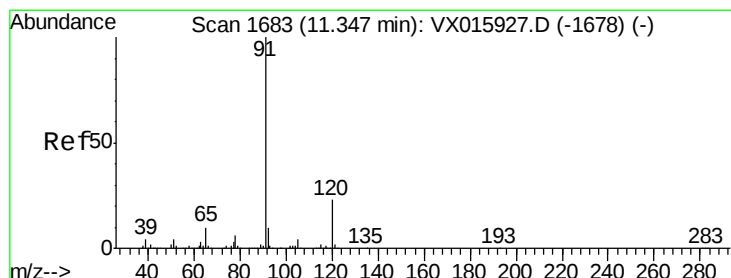
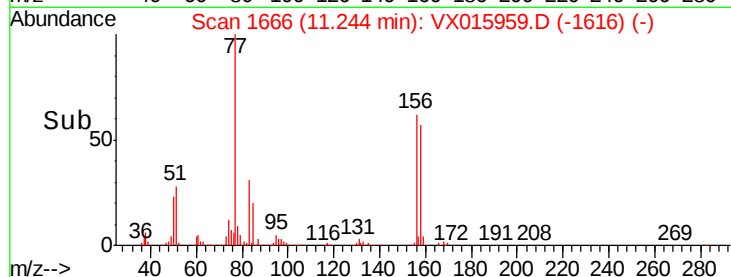
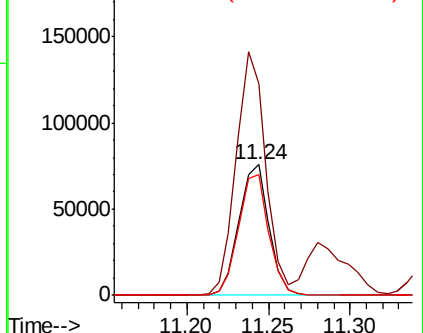
158 93.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.282 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015959.D

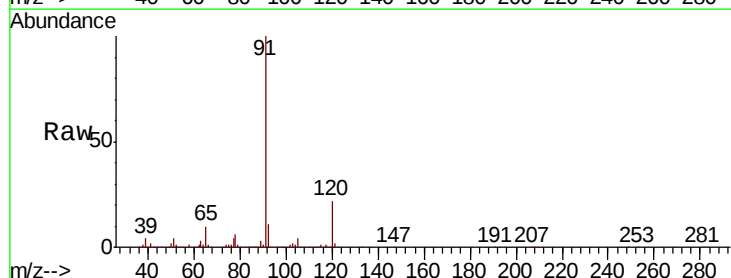
Acq: 25 Apr 2020 02:09

Tgt Ion: 91 Resp: 485806

Ion Ratio Lower Upper

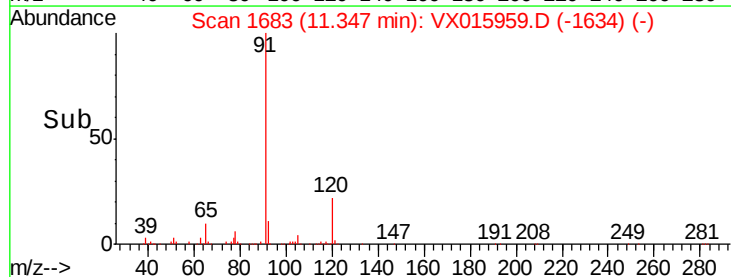
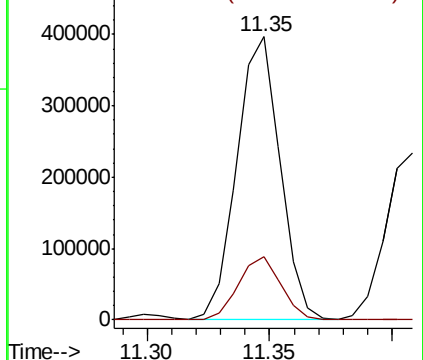
91 100

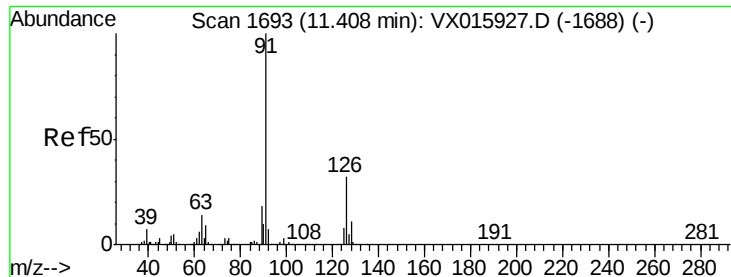
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

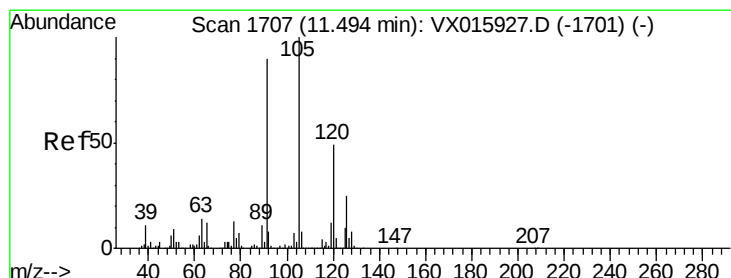
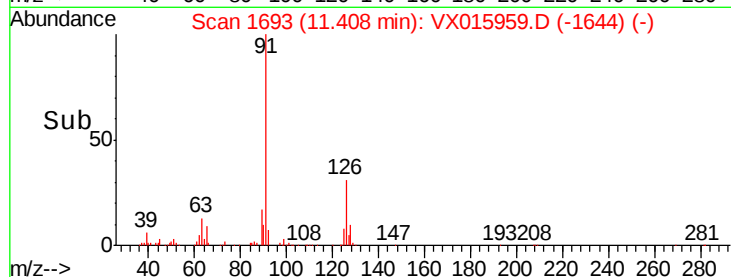
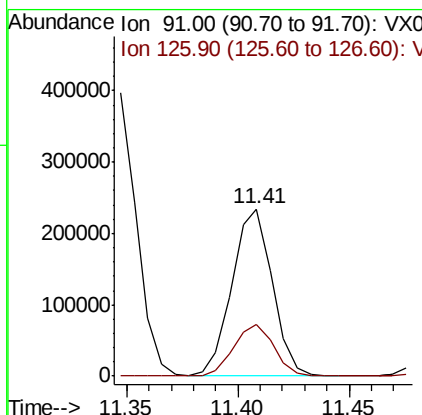
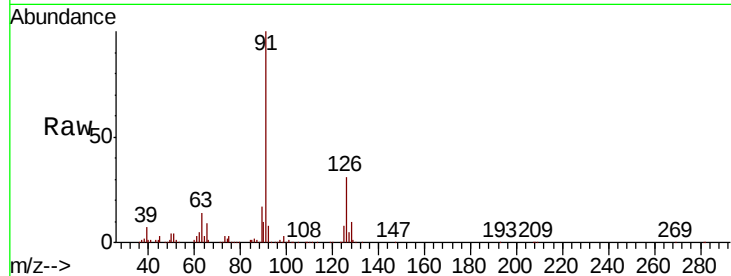




#79
 2-Chlorotoluene
 Concen: 49.623 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

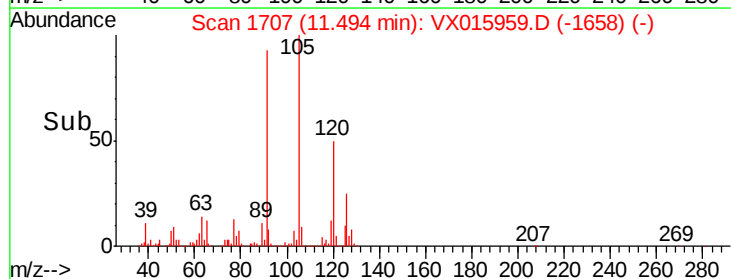
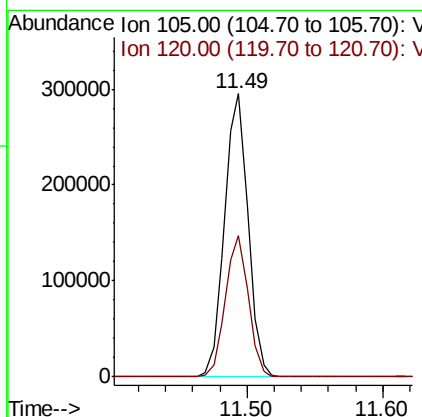
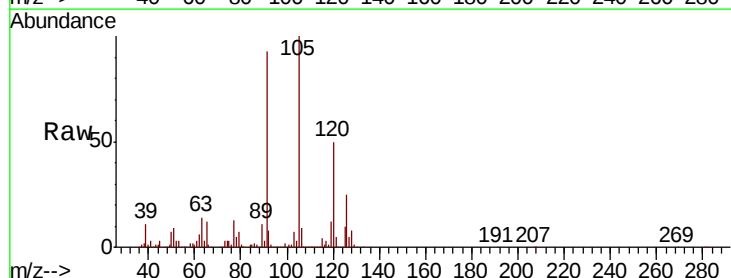
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

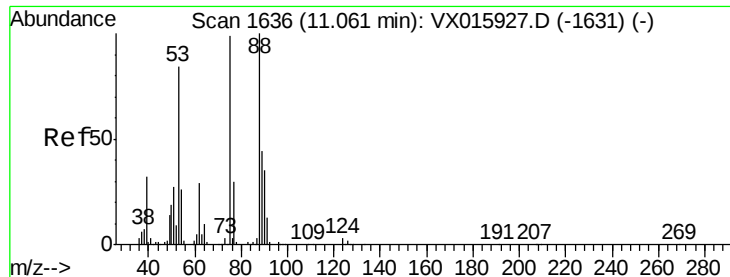
Tot Ion: 91 Resp: 294316
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 48.766 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015959.D
 Acq: 25 Apr 2020 02:09

Tgt Ion: 105 Resp: 353290
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.989 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

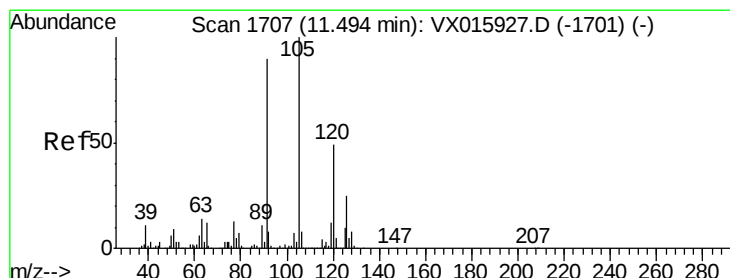
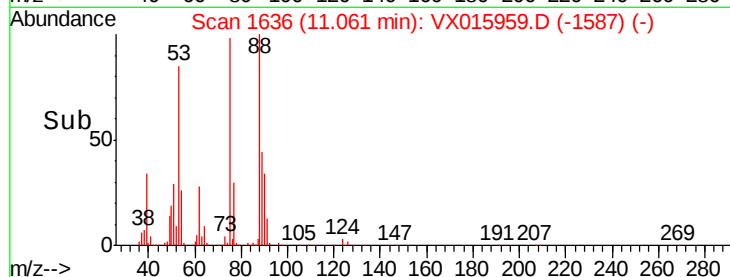
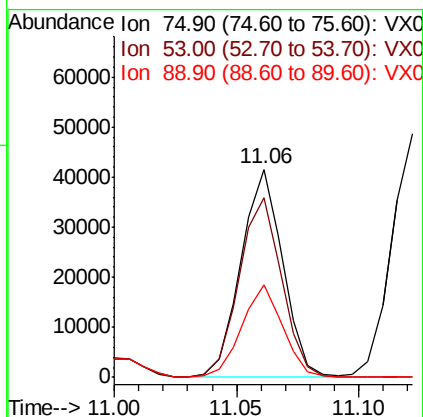
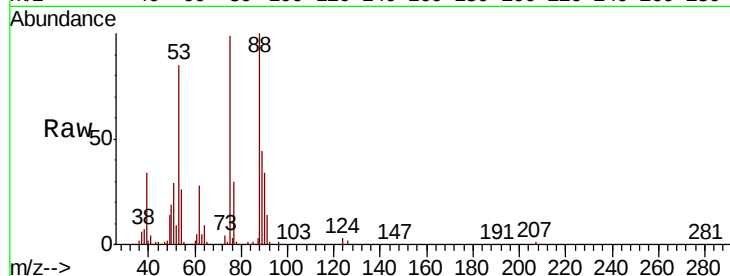
Tot Ion: 75 Resp: 49120

Ion Ratio Lower Upper

75 100

53 88.0 69.7 104.5

89 44.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.748 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015959.D

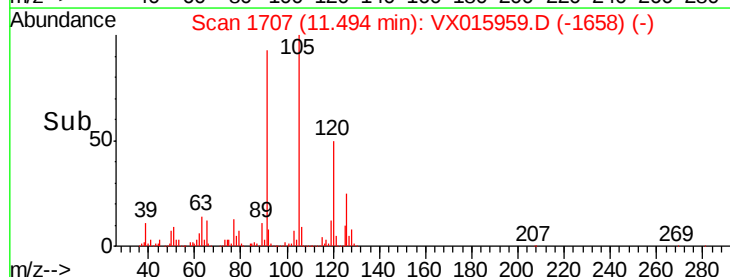
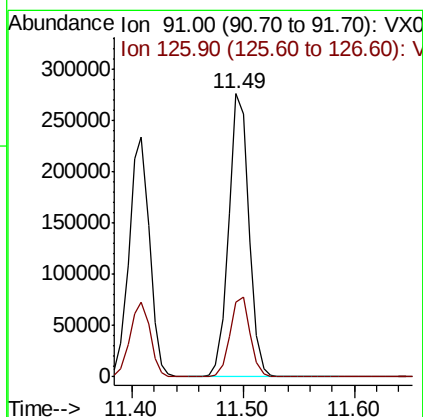
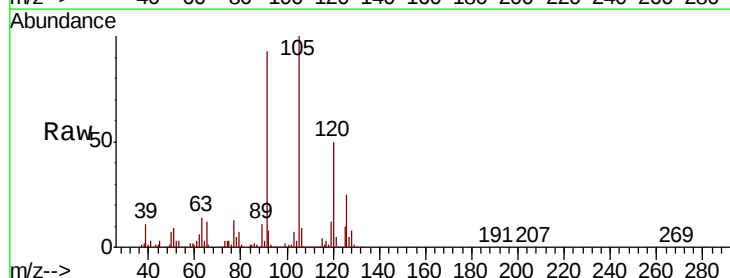
Acq: 25 Apr 2020 02:09

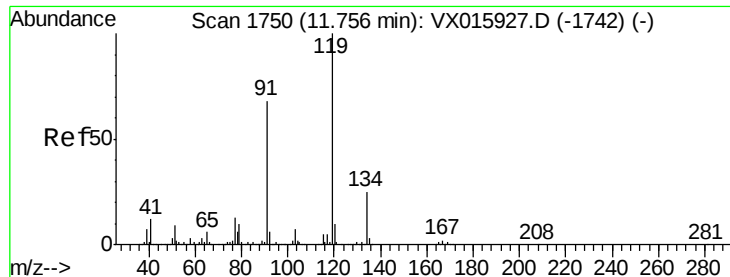
Tgt Ion: 91 Resp: 345103

Ion Ratio Lower Upper

91 100

126 28.1 14.2 42.8

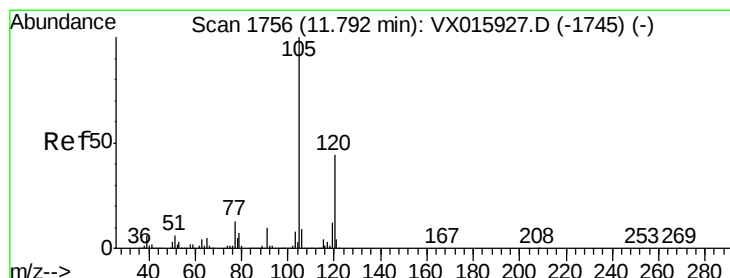
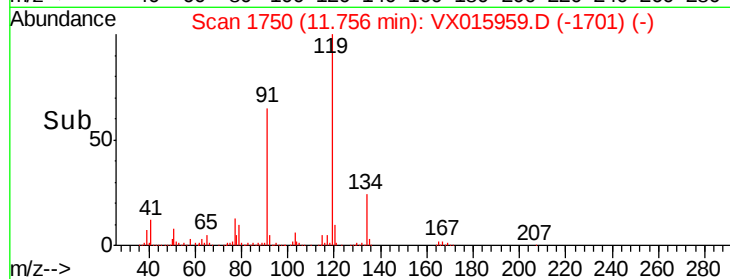
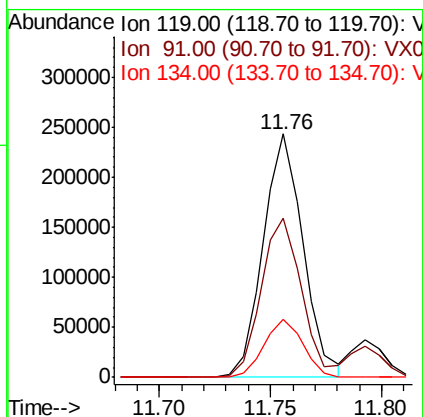
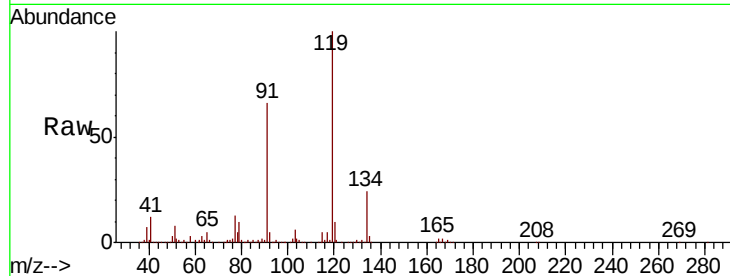




#83
tert-Butylbenzene
Concen: 49.712 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

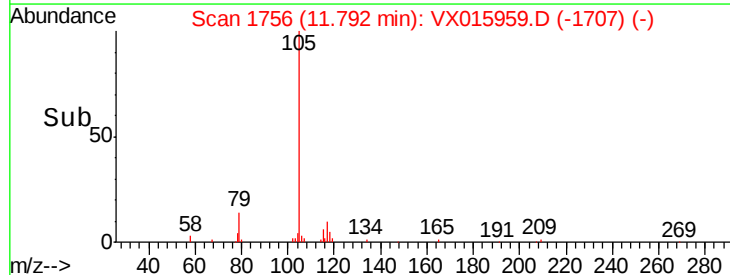
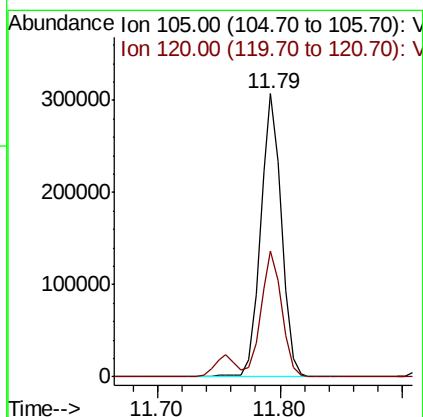
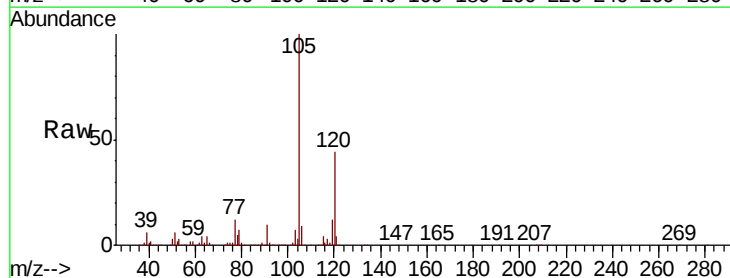
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

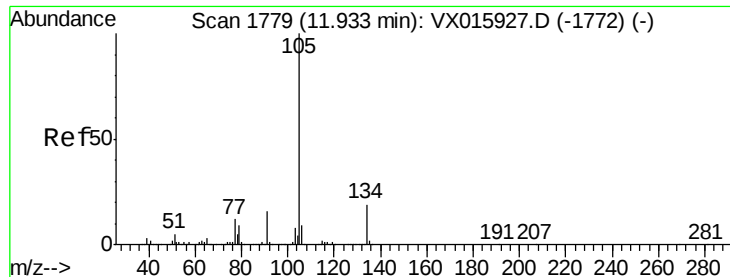
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	34.3	102.8
134	23.4	12.1	36.3



#84
1,2,4-Trimethylbenzene
Concen: 49.108 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 48.772 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

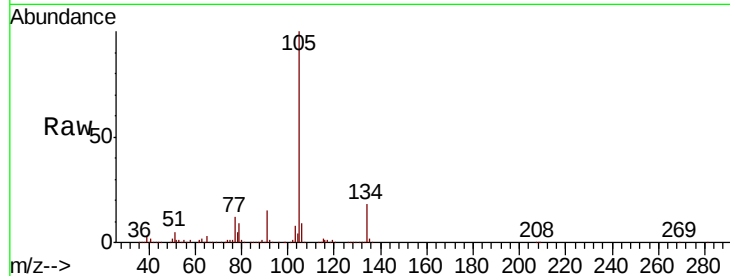
VSTDCCC050EC

Tot Ion:105 Resp: 406775

Ion Ratio Lower Upper

105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

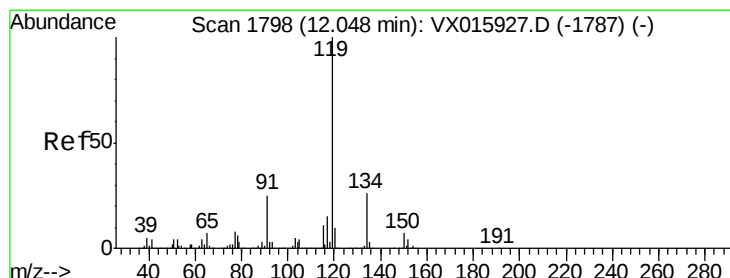
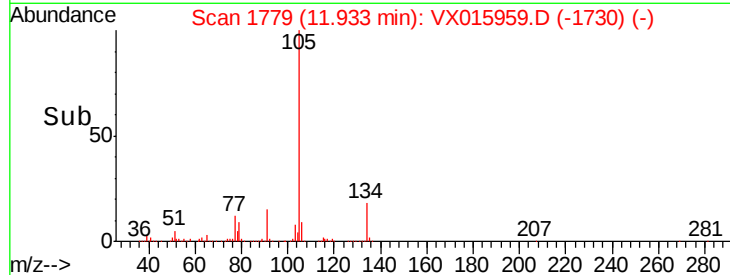
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 48.194 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

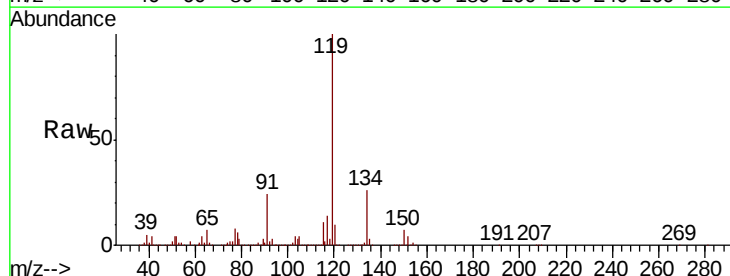
Tgt Ion:119 Resp: 366532

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 24.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

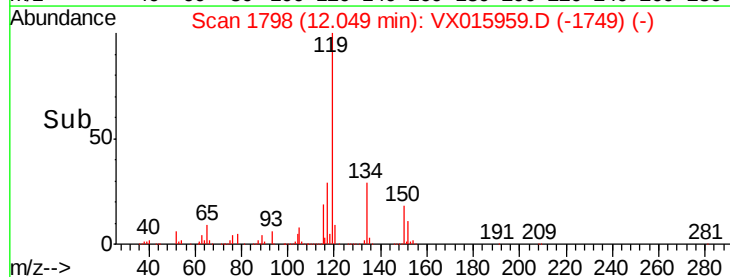
300000

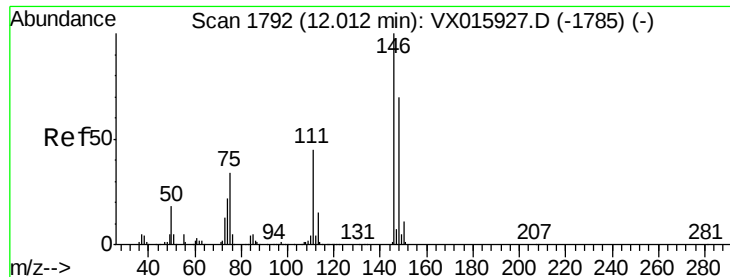
200000

100000

0

Time--> 11.90 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 50.020 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

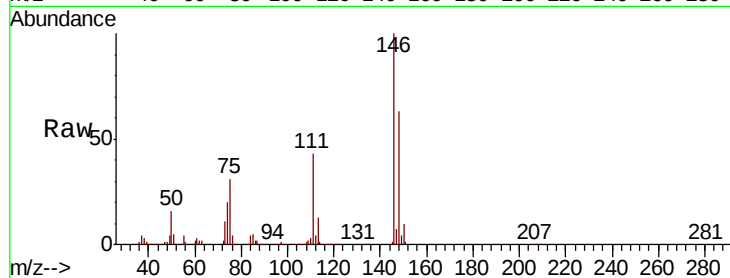
Tot Ion:146 Resp: 178033

Ion Ratio Lower Upper

146 100

111 43.7 22.2 66.6

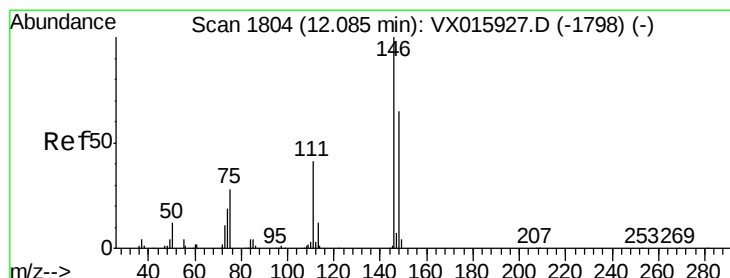
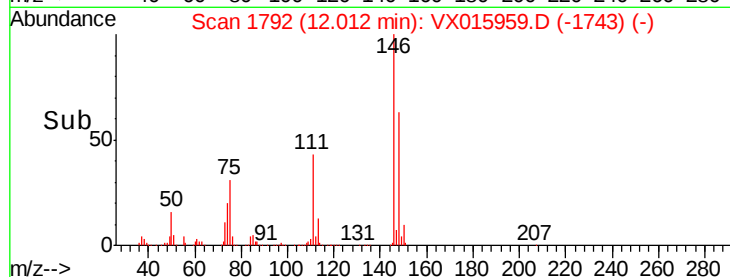
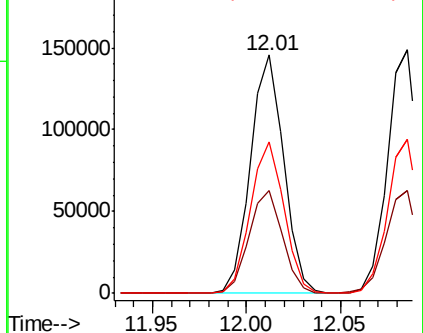
148 64.0 32.8 98.4



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: 48.418 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

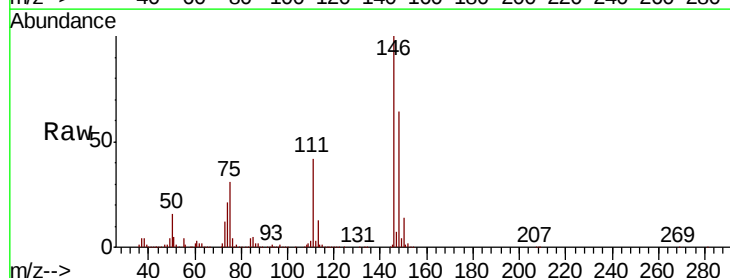
Tgt Ion:146 Resp: 177454

Ion Ratio Lower Upper

146 100

111 43.4 21.6 64.6

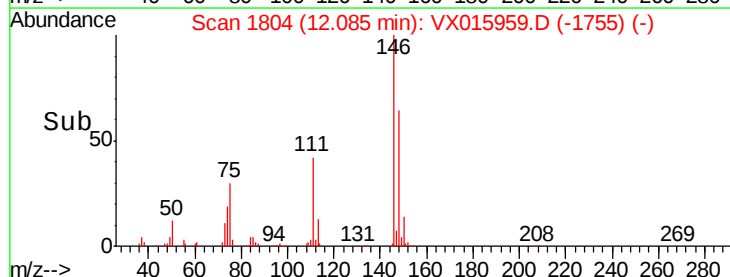
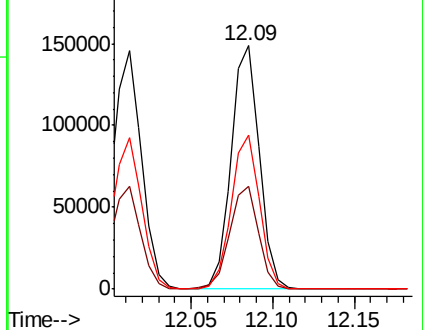
148 63.5 32.3 96.8

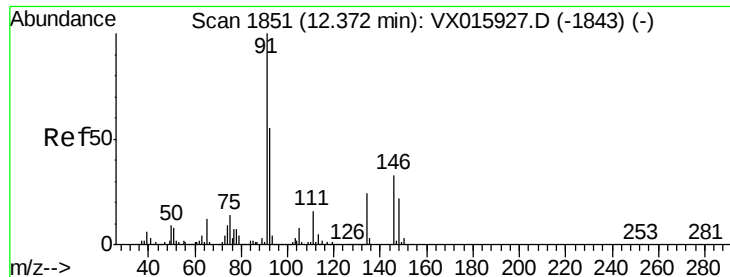


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.679 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

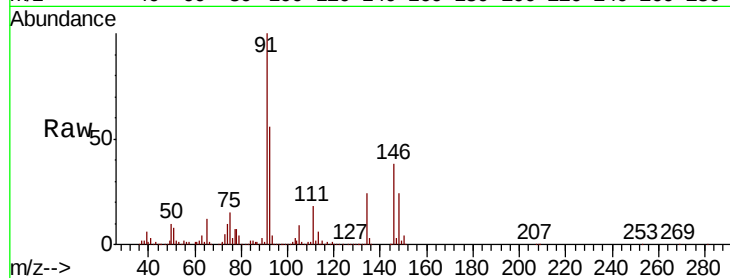
Tot Ion: 91 Resp: 341747

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX015927.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX015927.D (-1843) (-)

12.37

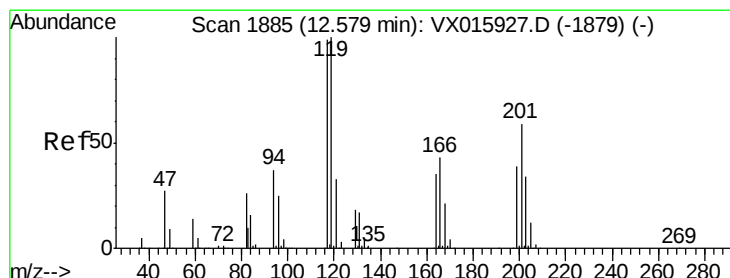
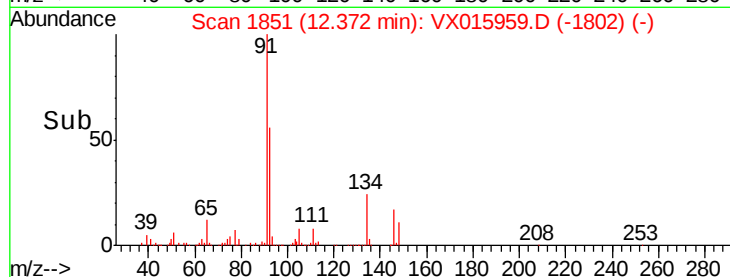
300000

200000

100000

0

Time-->



#90

Hexachloroethane

Concen: 47.783 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015959.D

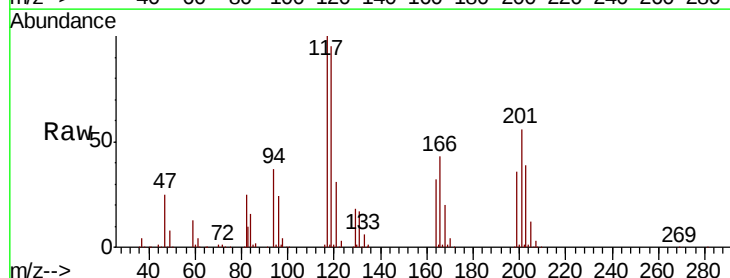
Acq: 25 Apr 2020 02:09

Tgt Ion: 117 Resp: 56705

Ion Ratio Lower Upper

117 100

201 64.1 32.1 96.3



Abundance Ion 116.80 (116.50 to 117.50): VX015927.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX015927.D (-1879) (-)

12.58

50000

40000

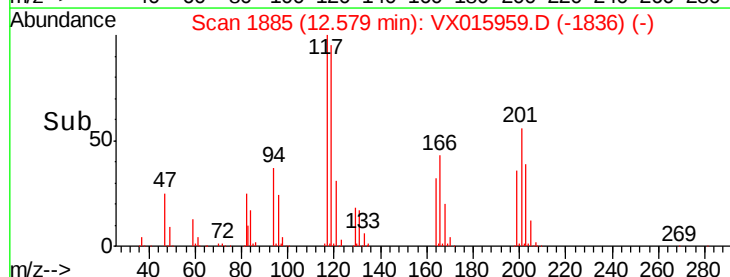
30000

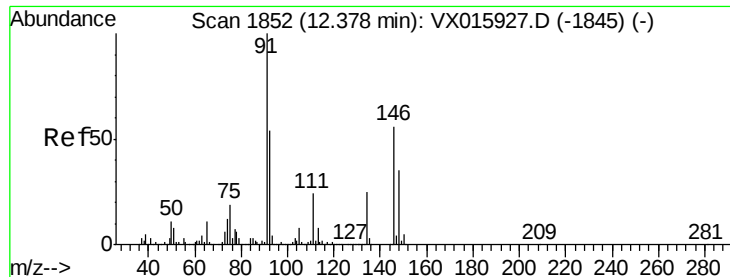
20000

10000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.033 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

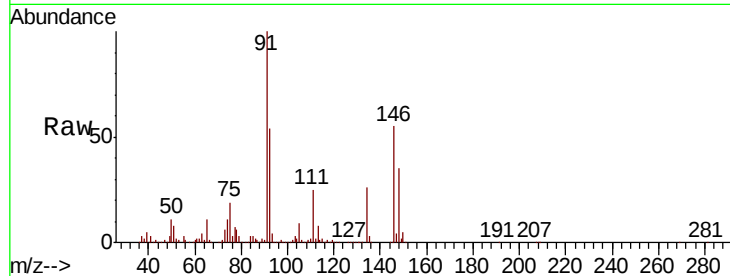
Tot Ion:146 Resp: 169222

Ion Ratio Lower Upper

146 100

111 45.4 22.3 66.8

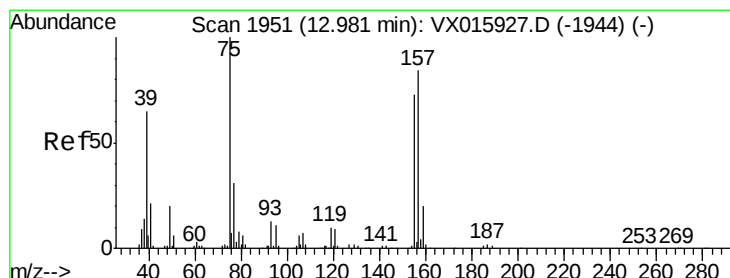
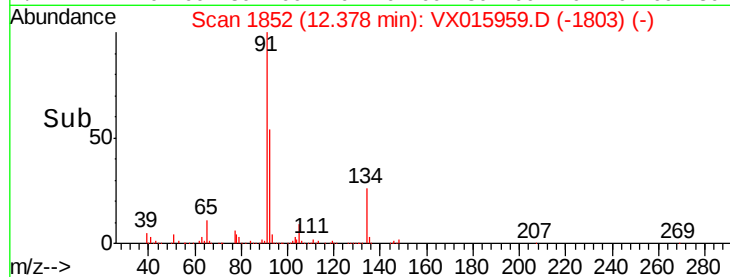
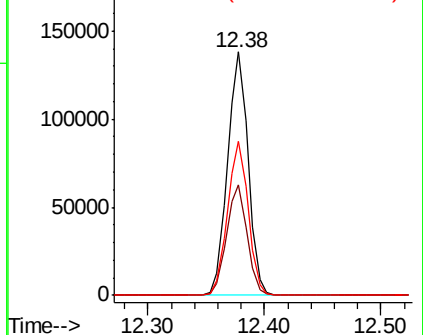
148 63.7 31.4 94.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.966 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

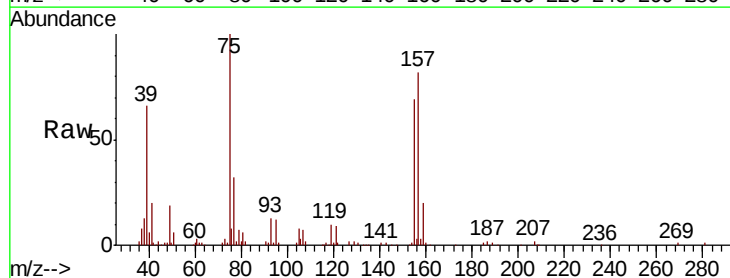
Tgt Ion: 75 Resp: 29410

Ion Ratio Lower Upper

75 100

155 77.9 37.9 113.6

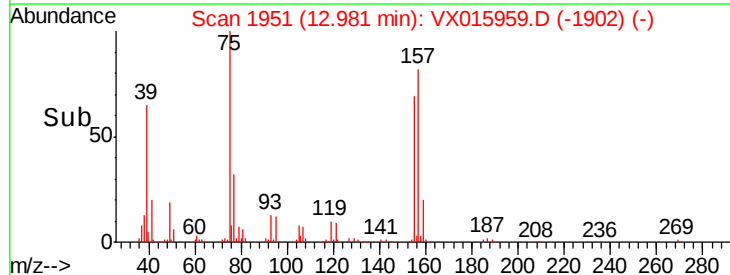
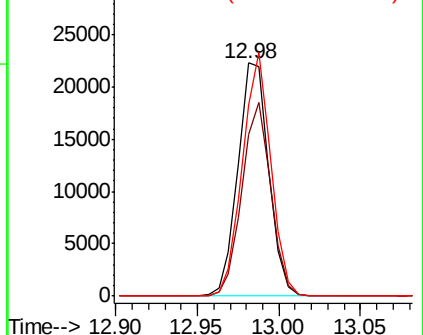
157 96.4 47.9 143.8

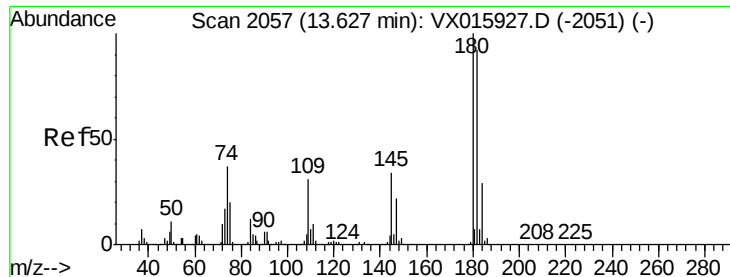


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

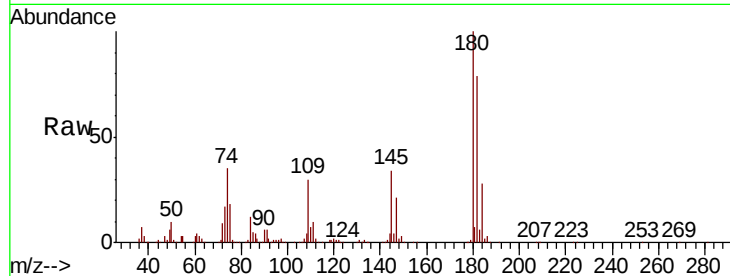




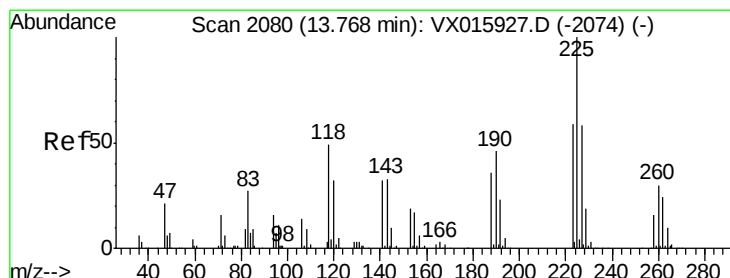
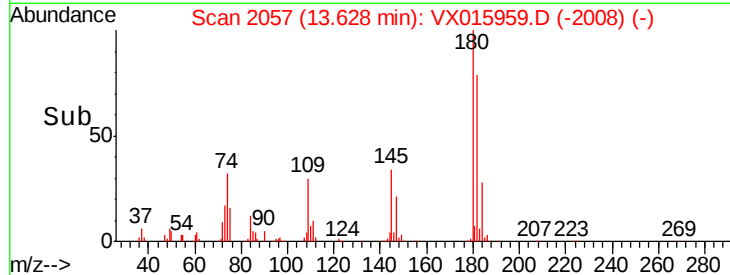
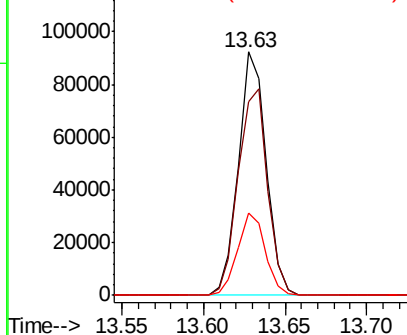
#93
1,2,4-Trichlorobenzene
Concen: 49.258 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:180 Resp: 109671
Ion Ratio Lower Upper
180 100
182 89.8 47.6 142.9
145 33.6 17.3 52.0

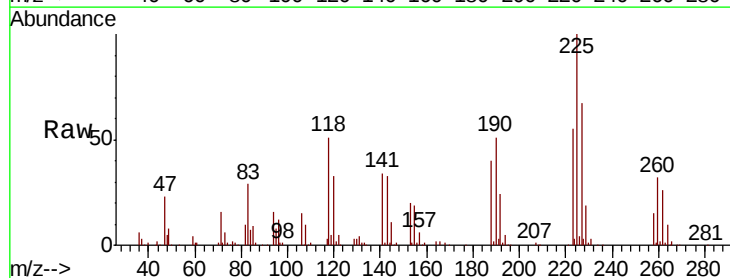


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

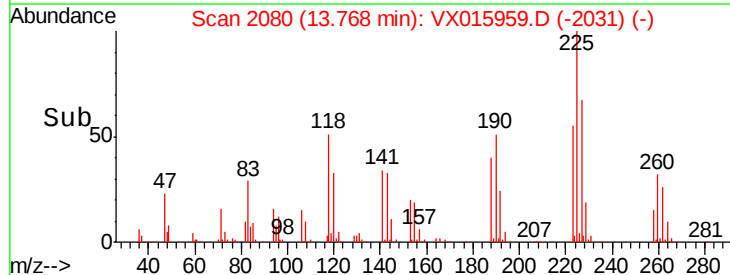
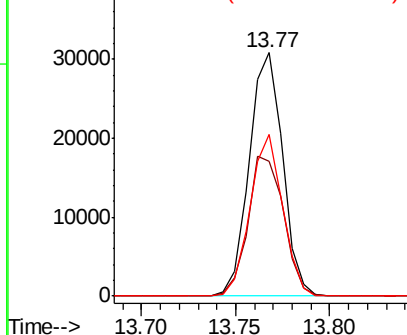


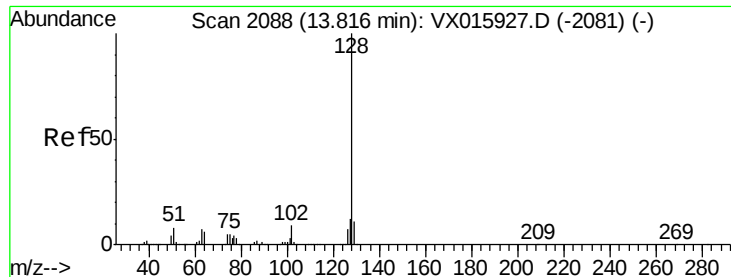
#94
Hexachlorobutadiene
Concen: 48.127 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX015959.D
Acq: 25 Apr 2020 02:09

Tgt Ion:225 Resp: 37984
Ion Ratio Lower Upper
225 100
223 61.2 30.6 91.6
227 64.7 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.913 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

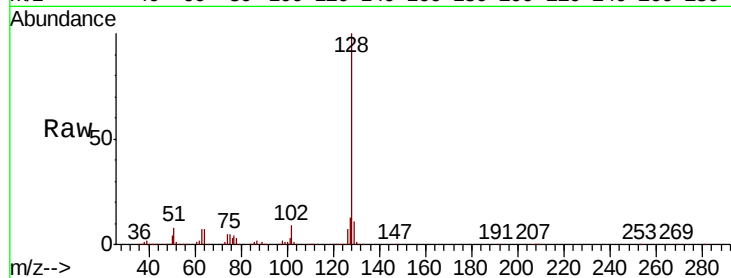
Tot Ion:128 Resp: 412257

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

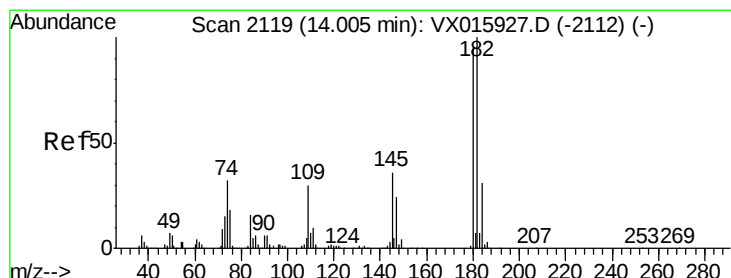
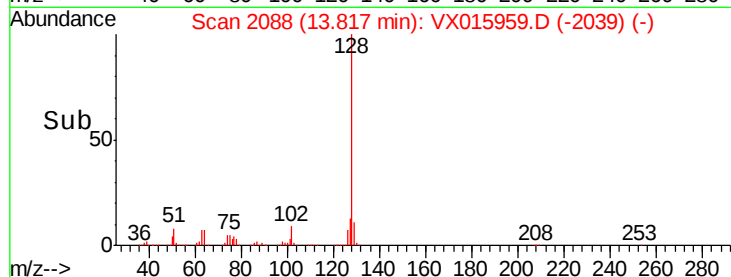
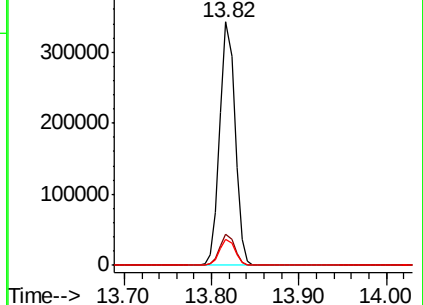
129 10.8 8.7 13.1



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: 50.579 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015959.D

Acq: 25 Apr 2020 02:09

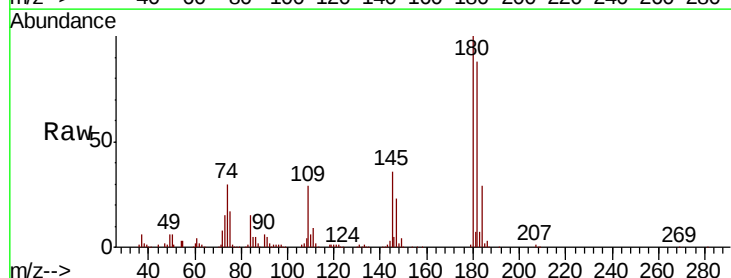
Tgt Ion:180 Resp: 106545

Ion Ratio Lower Upper

180 100

182 93.8 50.1 150.3

145 36.8 18.9 56.9



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

