

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015727.D
 Acq On : 16 Apr 2020 20:54
 Operator : JC/SP
 Sample : L2294-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Quant Time: Apr 17 06:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1048877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1551744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1427872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	791335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	622880	42.11	ug/l	0.00
Spiked Amount			Recovery	=	84.22%	
35) Dibromofluoromethane	5.47	113	498708	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	8.70	98	1823033	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.12	95	733156	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	357366	38.673	ug/l	99
3) Chloromethane	1.31	50	444799	37.797	ug/l	100
4) Vinyl Chloride	1.39	62	456981	42.291	ug/l	97
5) Bromomethane	1.62	94	241239	48.129	ug/l	98
6) Chloroethane	1.71	64	288694	43.078	ug/l	100
7) Trichlorofluoromethane	1.91	101	638248	44.043	ug/l	100
8) Diethyl Ether	2.17	74	261672	42.811	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	436488	46.204	ug/l	96
10) Methyl Iodide	2.49	142	483153	37.933	ug/l	97
11) Tert butyl alcohol	3.01	59	625028	176.519	ug/l	98
12) 1,1-Dichloroethene	2.36	96	420714	42.486	ug/l	99
13) Acrolein	2.27	56	572683	283.925	ug/l	98
14) Allyl chloride	2.71	41	884875	38.243	ug/l	99
15) Acrylonitrile	3.11	53	1400376	207.382	ug/l	100
16) Acetone	2.42	43	1249096	196.537	ug/l	96
17) Carbon Disulfide	2.55	76	1101852	36.475	ug/l	99
18) Methyl Acetate	2.75	43	681042	41.985	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1616583	42.092	ug/l	98
20) Methylene Chloride	2.83	84	493542	41.575	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	466240	42.424	ug/l	95
22) Diisopropyl ether	3.83	45	1733123	42.271	ug/l	93
23) Vinyl Acetate	3.79	43	7427851	200.093	ug/l	98
24) 1,1-Dichloroethane	3.67	63	887781	41.125	ug/l	99
25) 2-Butanone	4.64	43	2024638	198.086	ug/l	100
26) 2,2-Dichloropropane	4.56	77	660850	37.296	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	600050	47.193	ug/l	95
28) Bromochloromethane	4.98	49	441034	42.791	ug/l	93
29) Tetrahydrofuran	5.09	42	1309657	199.314	ug/l	98
30) Chloroform	5.18	83	895587	43.121	ug/l	94
31) Cyclohexane	5.55	56	774986	41.384	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	804463	42.800	ug/l	99
36) 1,1-Dichloropropene	5.78	75	655503	45.847	ug/l	98
37) Ethyl Acetate	4.79	43	809421	43.479	ug/l	99
38) Carbon Tetrachloride	5.75	117	706932	45.650	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	772591	46.866	ug/l	96
40) Benzene	6.12	78	1940859	46.342	ug/l	98
41) Methacrylonitrile	5.01	41	449993	43.543	ug/l	97
42) 1,2-Dichloroethane	6.17	62	740254	44.003	ug/l	98
43) Isopropyl Acetate	6.42	43	1336828	42.538	ug/l	99
44) Trichloroethene	7.19	130	592238	51.850	ug/l	91
45) 1,2-Dichloropropane	7.49	63	522194	45.578	ug/l	99
46) Dibromomethane	7.64	93	341305	45.413	ug/l	90
47) Bromodichloromethane	7.88	83	723857	45.201	ug/l	99
48) Methyl methacrylate	7.75	41	670597	42.721	ug/l	96
49) 1,4-Dioxane	7.72	88	256830	877.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4005330	224.891	ug/l	99
52) Toluene	8.77	92	1258399	48.735	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	791431	42.138	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	849464	44.399	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	510364	48.243	ug/l	97
56) Ethyl methacrylate	9.16	69	842319	45.179	ug/l	96
57) 1,3-Dichloropropane	9.36	76	876828	46.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2097812	231.327	ug/l	97
59) 2-Hexanone	9.48	43	3016010	224.302	ug/l	98
60) Dibromochloromethane	9.57	129	615895	48.450	ug/l	100
61) 1,2-Dibromoethane	9.65	107	547528	47.599	ug/l	100
64) Tetrachloroethene	9.32	164	558380	51.818	ug/l	96
65) Chlorobenzene	10.12	112	1393458	48.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	548488	48.213	ug/l	99
67) Ethyl Benzene	10.24	91	2432262	48.159	ug/l	98
68) m/p-Xylenes	10.34	106	1854665	98.619	ug/l	97
69) o-Xylene	10.68	106	904064	48.648	ug/l	97
70) Styrene	10.70	104	1596497	48.820	ug/l	98
71) Bromoform	10.84	173	497896	48.076	ug/l #	99
73) Isopropylbenzene	11.00	105	2449397	47.240	ug/l	99
74) N-amyl acetate	10.88	43	1165664	40.421	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	783503	44.038	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	910093	55.926	ug/l	83
77) Bromobenzene	11.24	156	678379	49.050	ug/l	90
78) n-propylbenzene	11.34	91	2744237	46.286	ug/l	99
79) 2-Chlorotoluene	11.40	91	1649654	45.395	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2068281	46.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	253530	37.383	ug/l	99
82) 4-Chlorotoluene	11.49	91	1928567	45.270	ug/l	98
83) tert-Butylbenzene	11.76	119	2052195	47.446	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2108176	46.719	ug/l	99
85) sec-Butylbenzene	11.93	105	2401905	48.015	ug/l	100
86) p-Isopropyltoluene	12.05	119	2266420	48.803	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1211760	48.942	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1211207	48.027	ug/l	99
89) n-Butylbenzene	12.37	91	1969198	46.923	ug/l	98
90) Hexachloroethane	12.58	117	391817	43.348	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1186433	48.965	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	187695	37.378	ug/l	86

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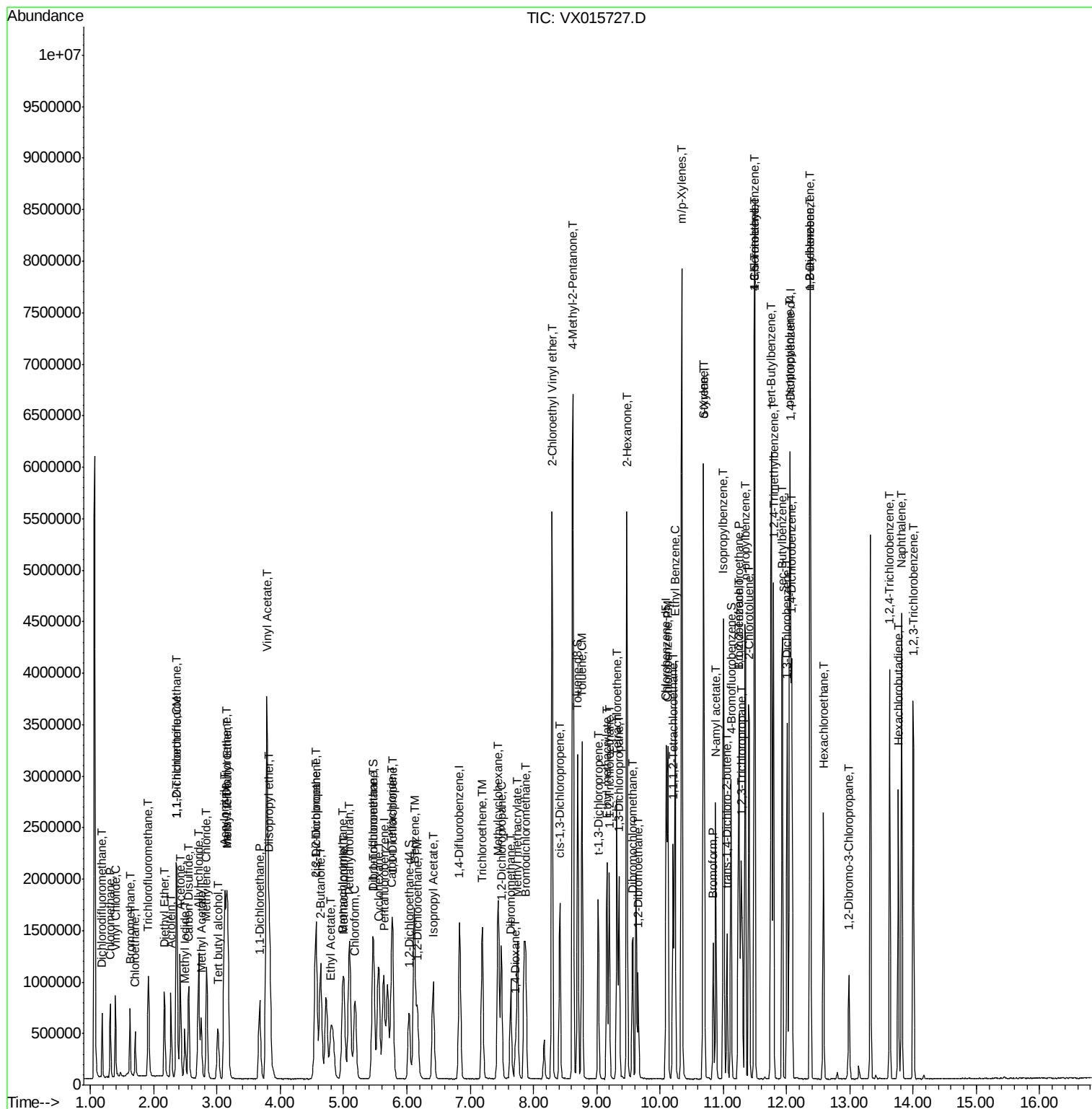
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

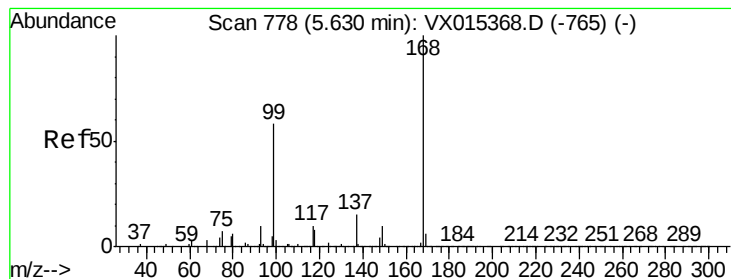
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	956056	49.883	ug/l	97
94) Hexachlorobutadiene	13.77	225	468026	51.290	ug/l	99
95) Naphthalene	13.82	128	2752770	47.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	946038	51.268	ug/l	97

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
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QLast Update : Fri Mar 27 09:35:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

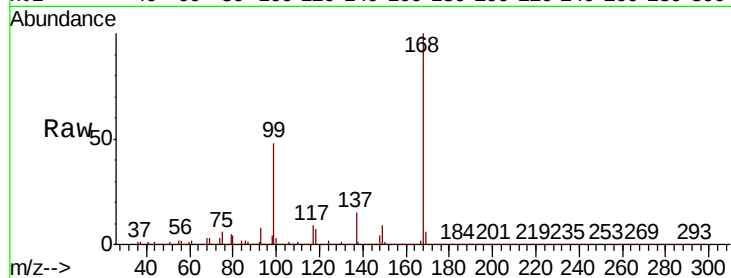
SS042MW032-200413MSD

Tot Ion:168 Resp: 1048877

Ion Ratio Lower Upper

168 100

99 47.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

200000

100000

0

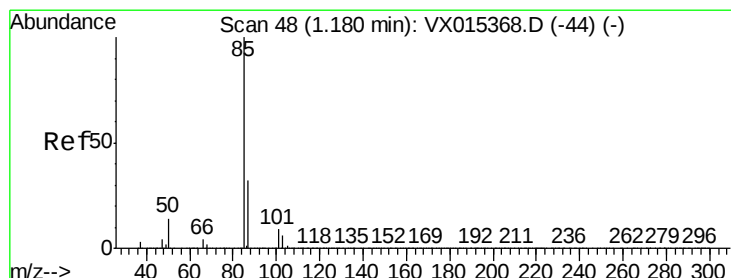
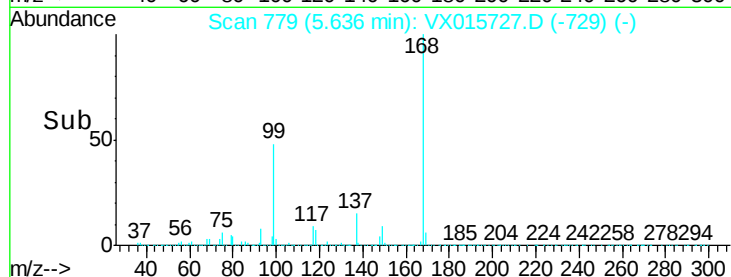
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.673 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015727.D

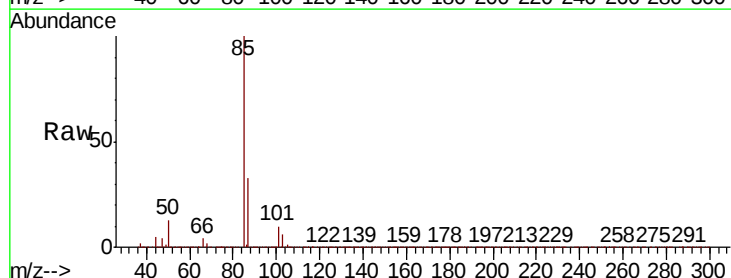
Acq: 16 Apr 2020 20:54

Tgt Ion: 85 Resp: 357366

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

200000

100000

0

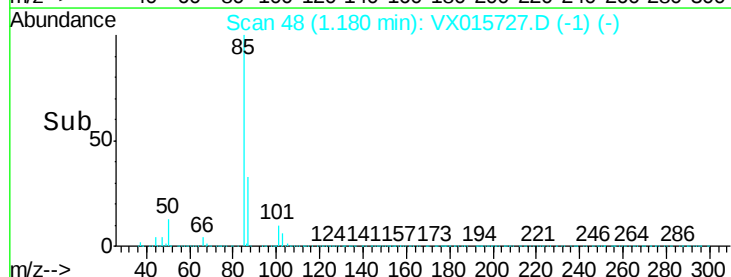
1.10

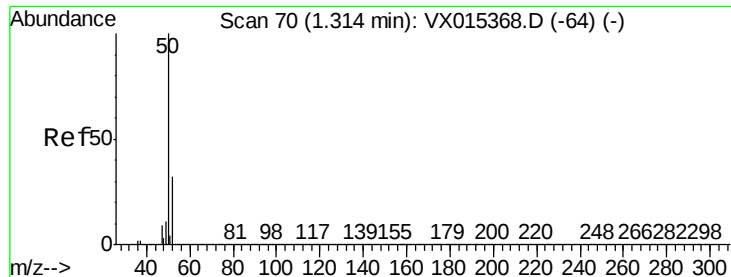
1.15

1.20

1.25

Time-->

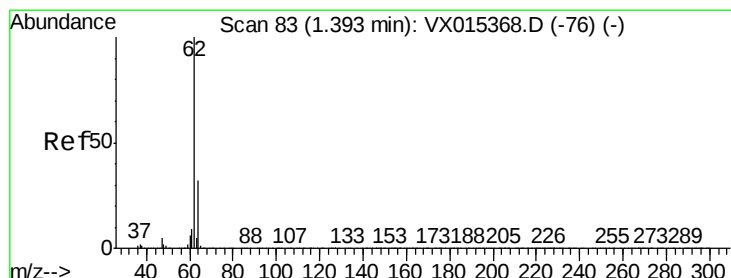
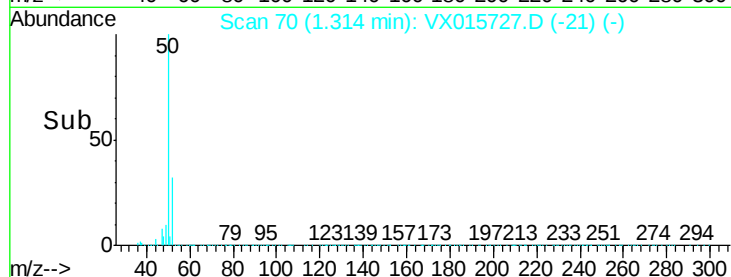
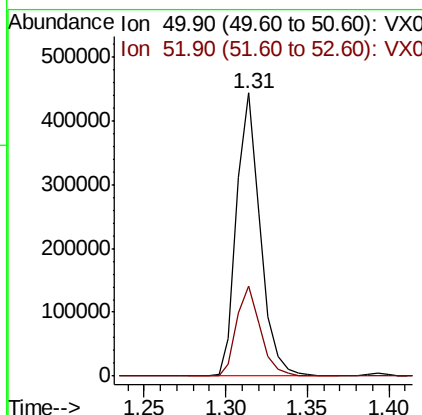
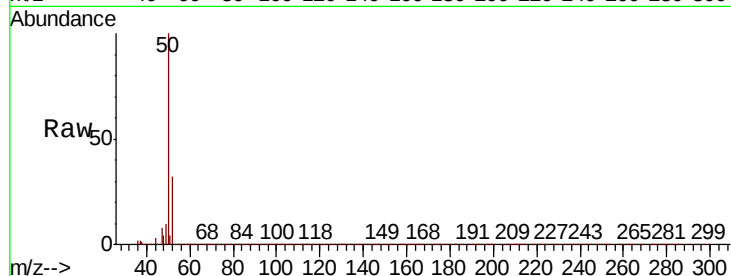




#3
Chloromethane
Concen: 37.797 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

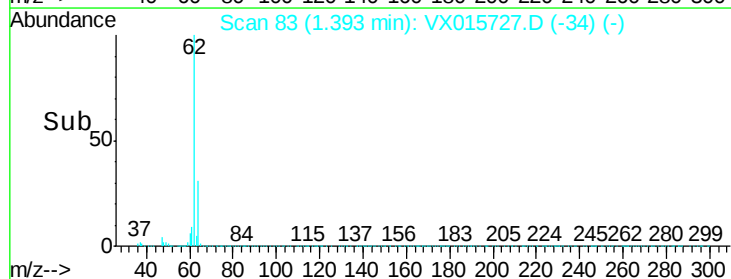
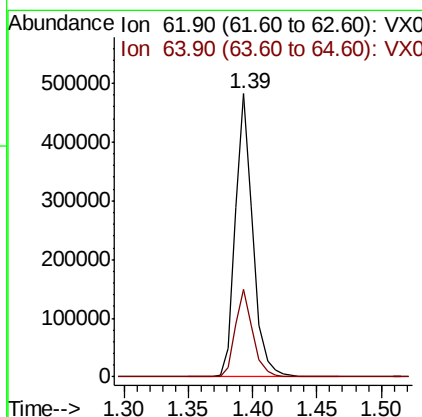
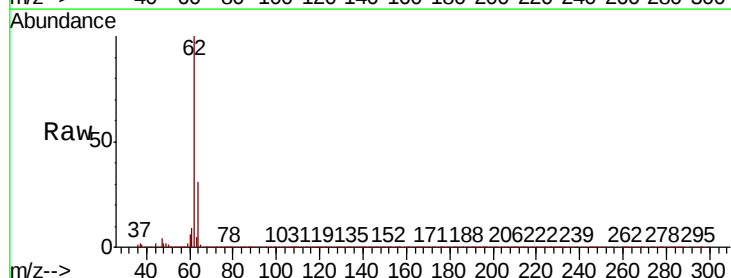
Instrument :
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ClientSampleId :
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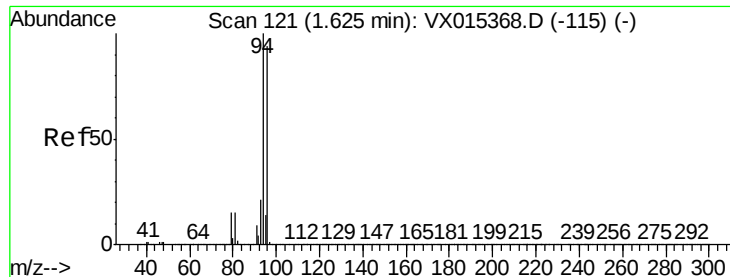
Tot Ion: 50 Resp: 444799
Ion Ratio Lower Upper
50 100
52 31.5 25.3 37.9



#4
Vinyl Chloride
Concen: 42.291 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 62 Resp: 456981
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5

Bromomethane

Concen: 48.129 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

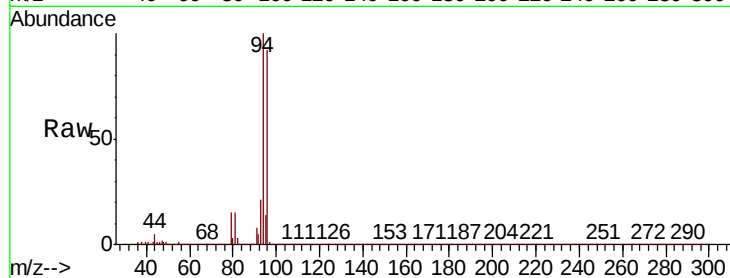
SS042MW032-200413MSD

Tot Ion: 94 Resp: 241239

Ion Ratio Lower Upper

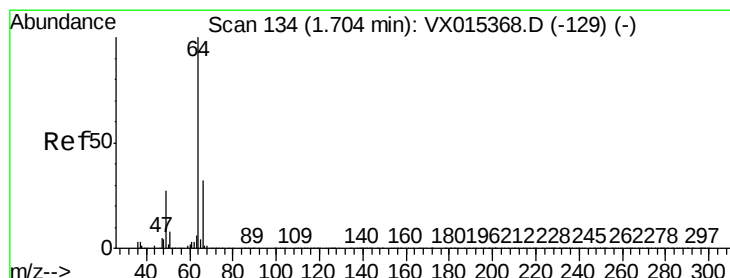
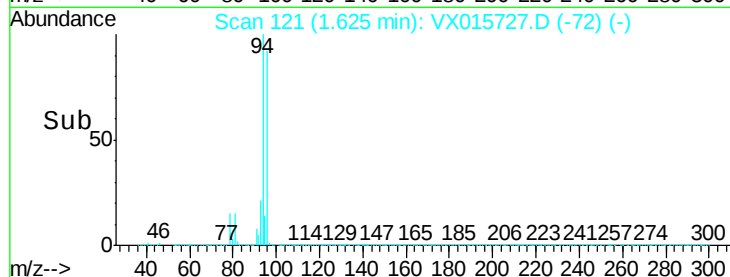
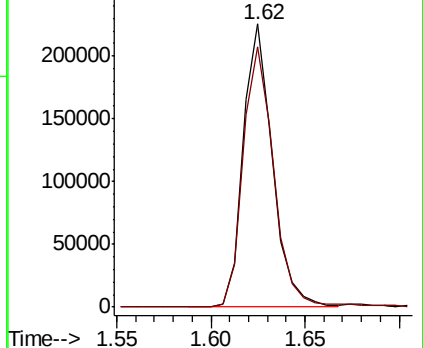
94 100

96 91.7 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: 43.078 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015727.D

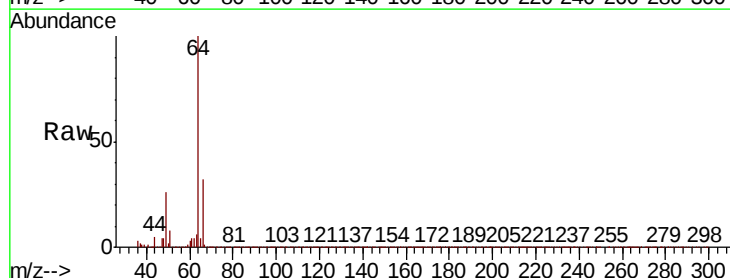
Acq: 16 Apr 2020 20:54

Tgt Ion: 64 Resp: 288694

Ion Ratio Lower Upper

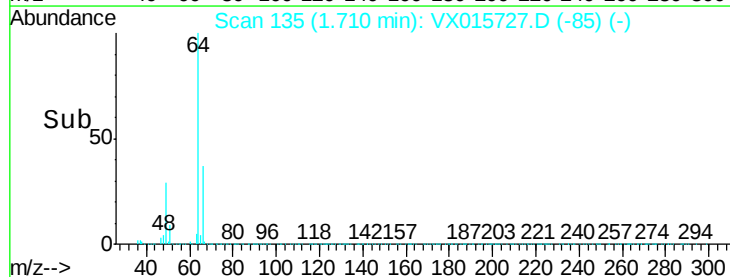
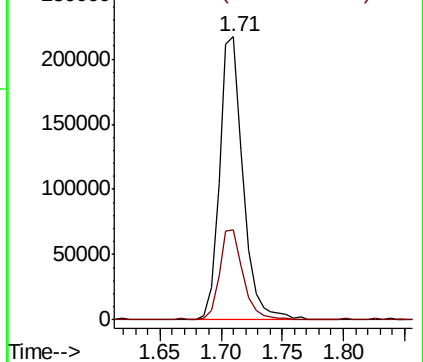
64 100

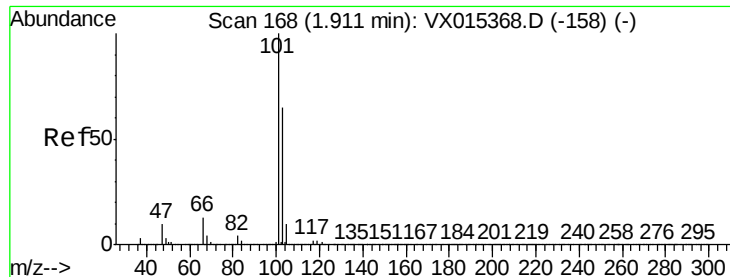
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



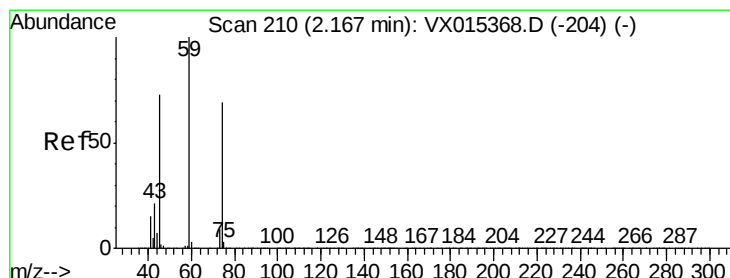
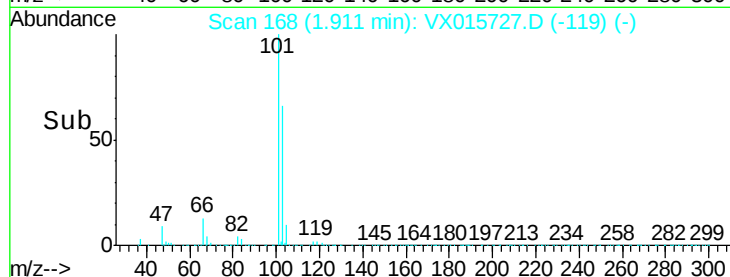
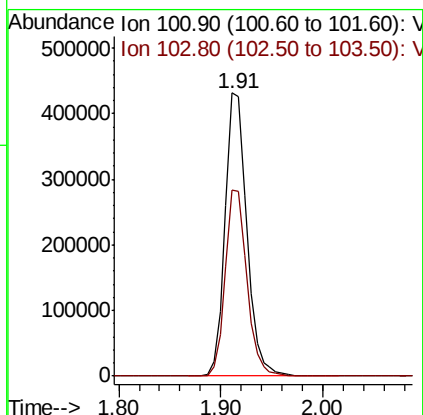
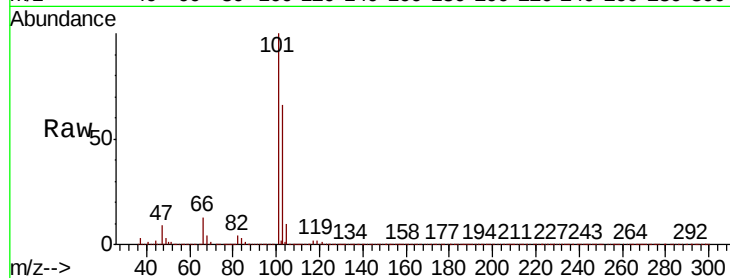


#7

Trichlorofluoromethane
 Concen: 44.043 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
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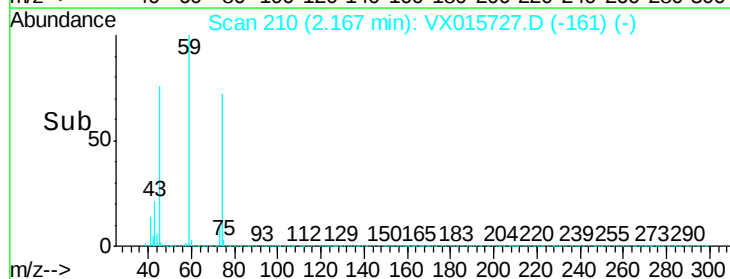
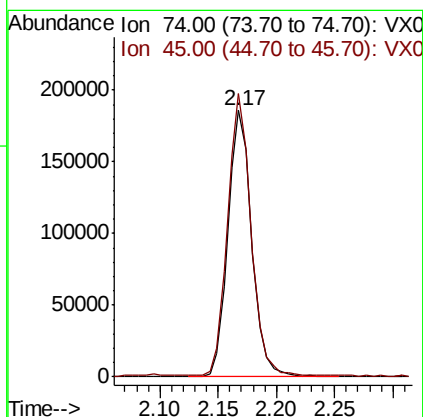
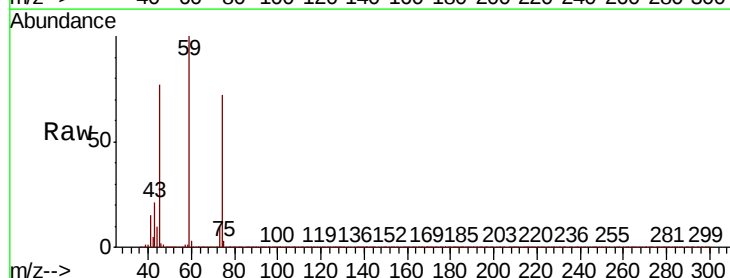
Tot Ion:101 Resp: 638248
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.3 78.5

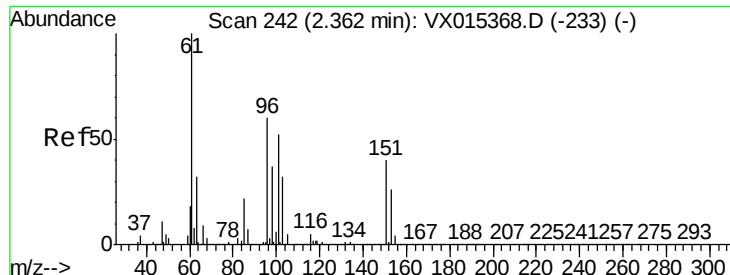


#8

Diethyl Ether
 Concen: 42.811 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion: 74 Resp: 261672
 Ion Ratio Lower Upper
 74 100
 45 104.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.204 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

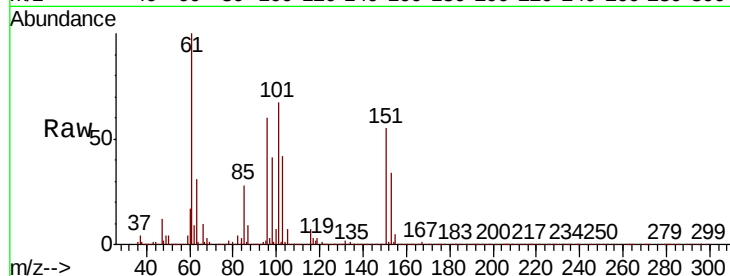
Tot Ion:101 Resp: 436488

Ion Ratio Lower Upper

101 100

85 42.4 35.0 52.4

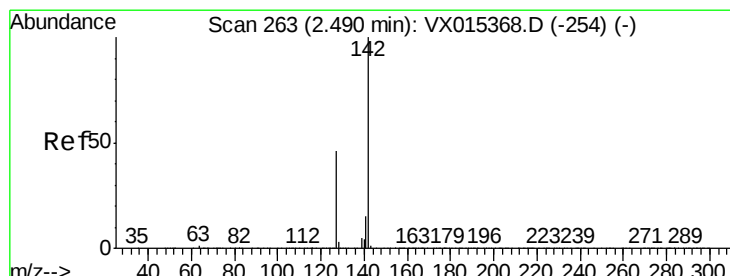
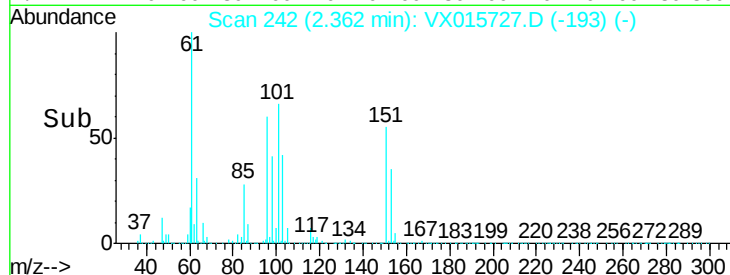
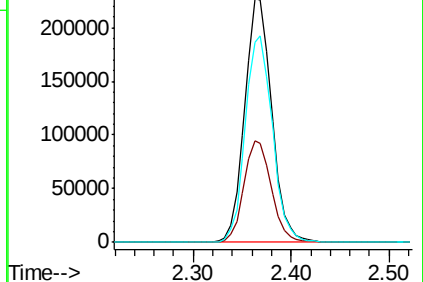
151 84.8 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.933 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

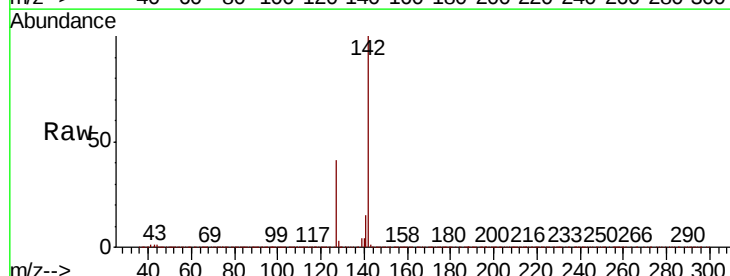
Tgt Ion:142 Resp: 483153

Ion Ratio Lower Upper

142 100

127 42.1 35.9 53.9

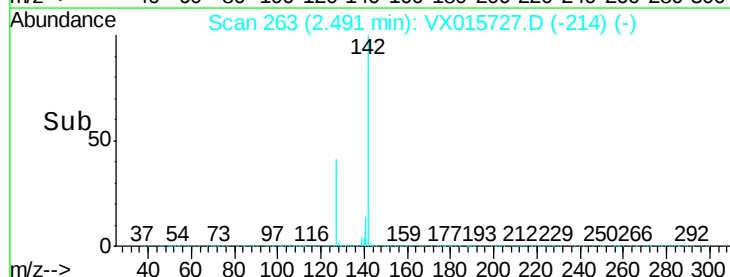
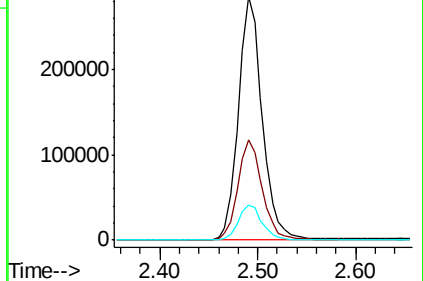
141 14.5 11.6 17.4

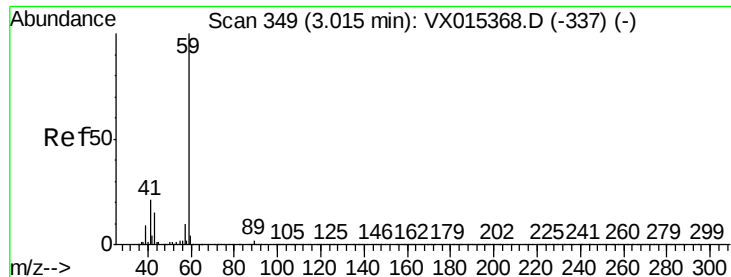


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

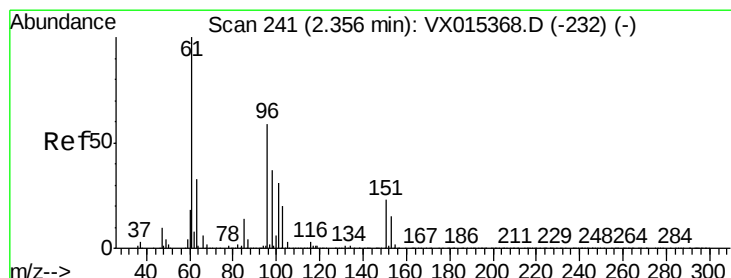
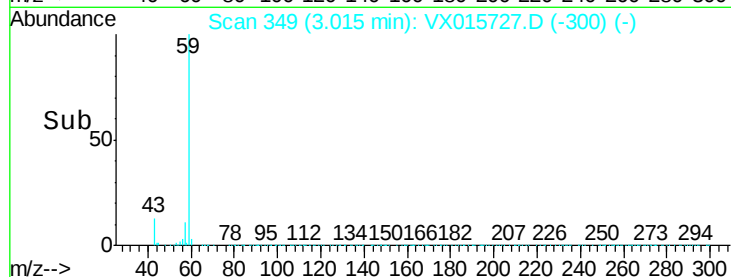
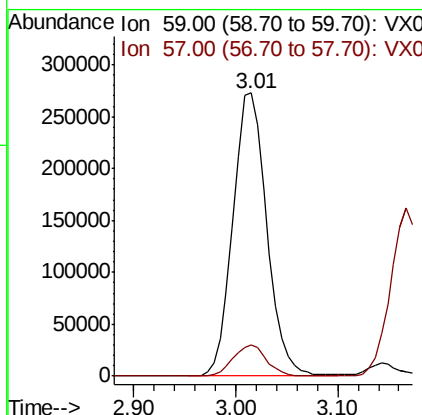
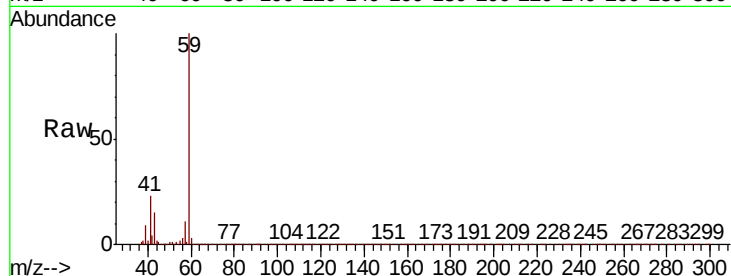




#11
Tert butyl alcohol
Concen: 176.519 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

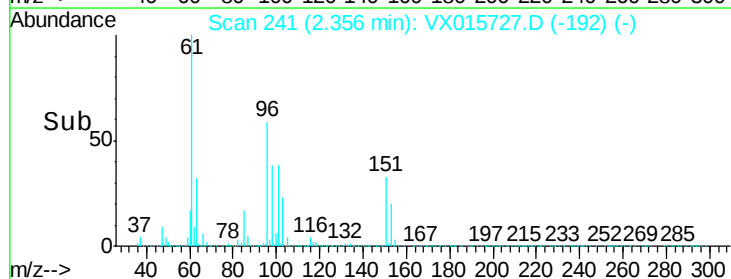
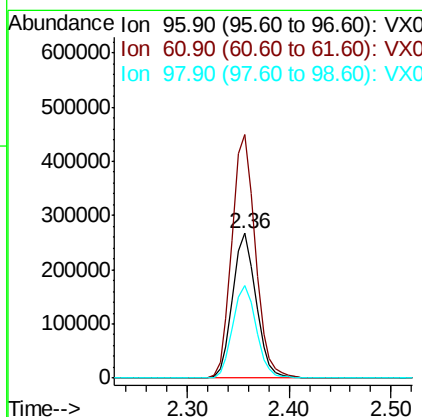
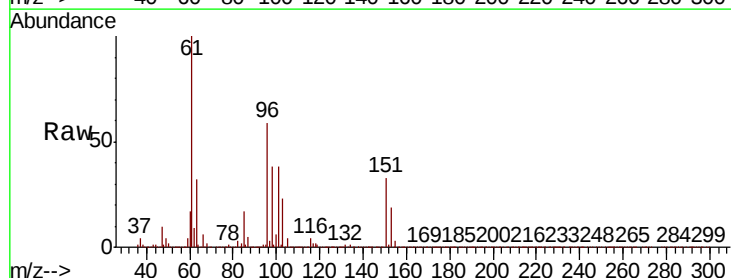
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

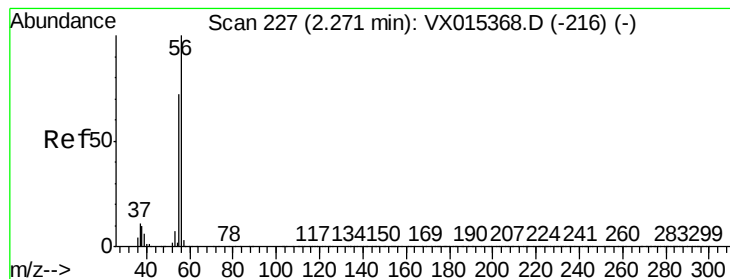
Tot Ion: 59 Resp: 625028
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.486 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 96 Resp: 420714
Ion Ratio Lower Upper
96 100
61 168.4 135.7 203.5
98 64.3 50.6 75.8





#13

Acrolein

Concen: 283.925 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

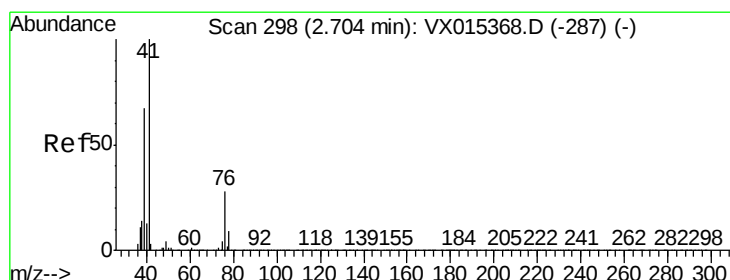
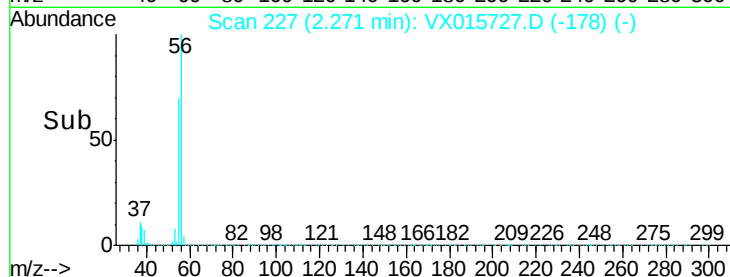
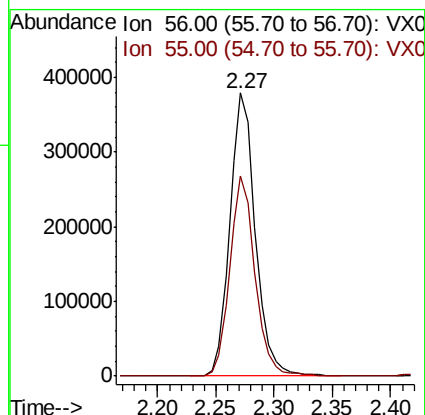
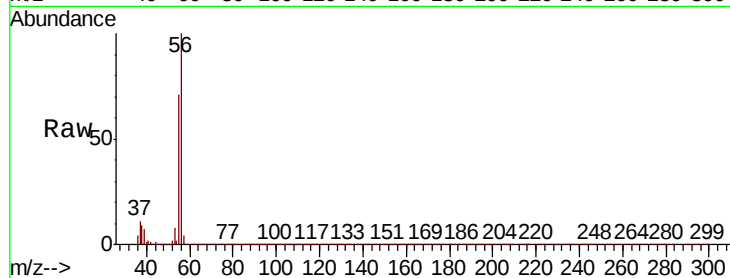
SS042MW032-200413MSD

Tot Ion: 56 Resp: 572683

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 38.243 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

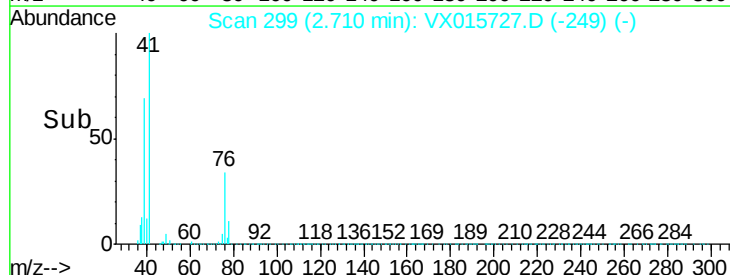
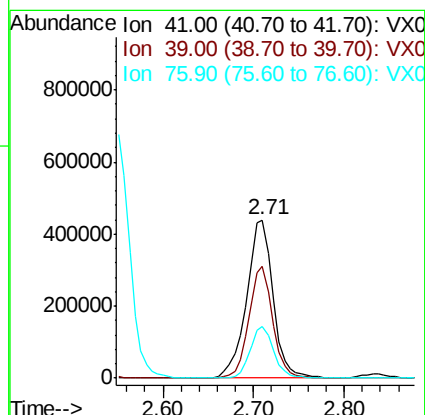
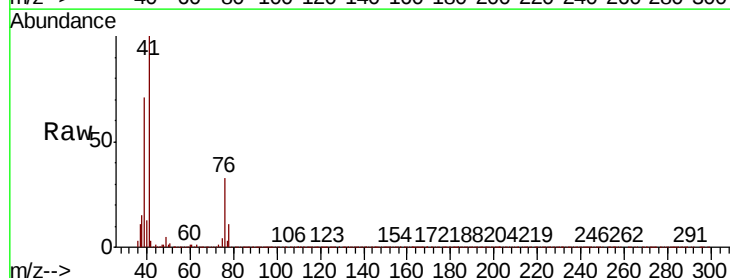
Tgt Ion: 41 Resp: 884875

Ion Ratio Lower Upper

41 100

39 63.6 51.4 77.0

76 28.9 21.8 32.8





#15

Acrylonitrile

Concen: 207.382 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

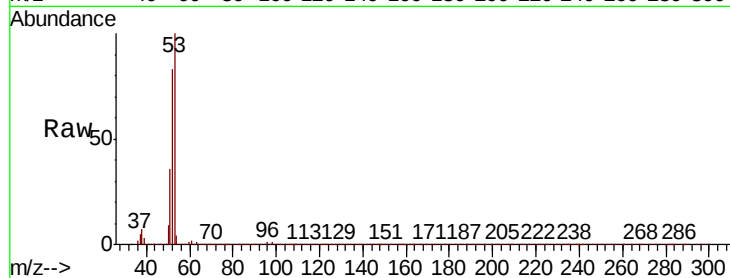
Tot Ion: 53 Resp: 1400376

Ion Ratio Lower Upper

53 100

52 83.4 66.8 100.2

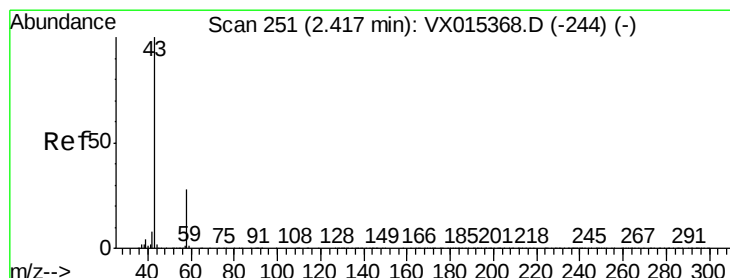
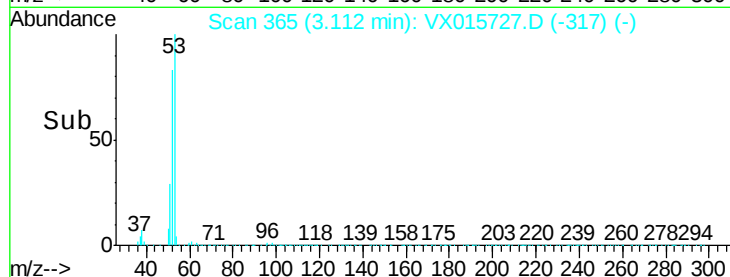
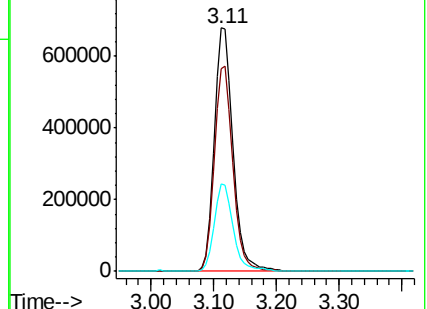
51 36.2 29.5 44.3



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: 196.537 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015727.D

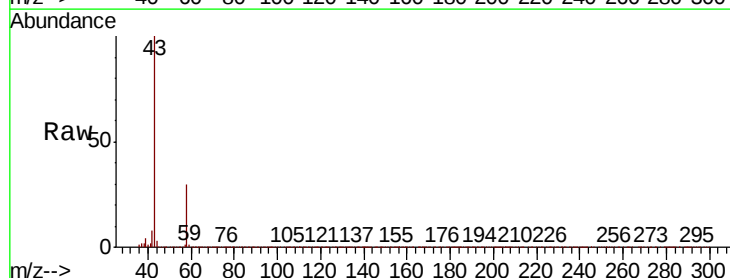
Acq: 16 Apr 2020 20:54

Tgt Ion: 43 Resp: 1249096

Ion Ratio Lower Upper

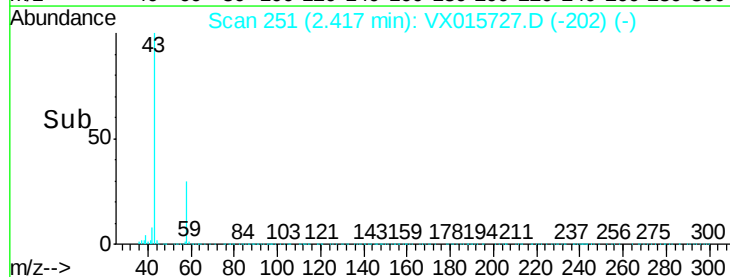
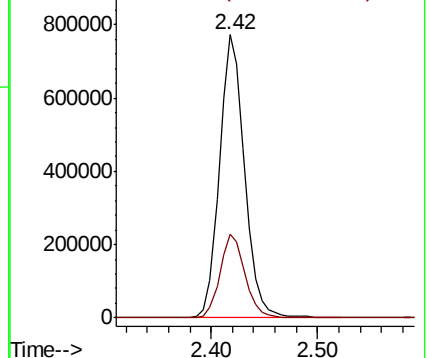
43 100

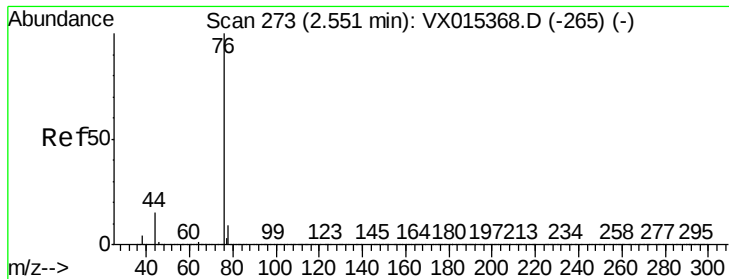
58 29.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

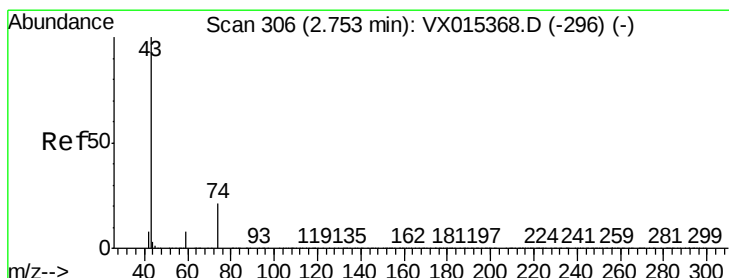
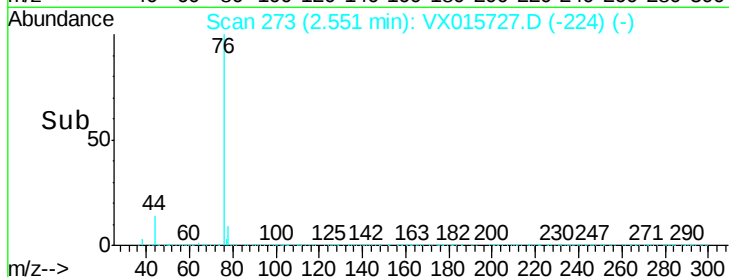
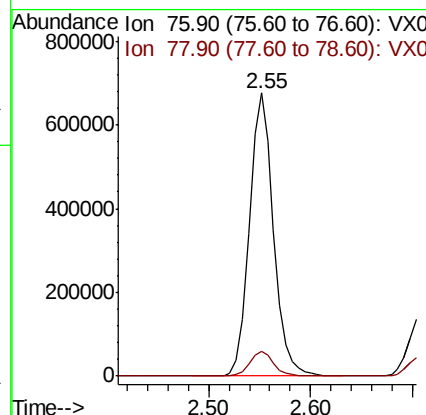
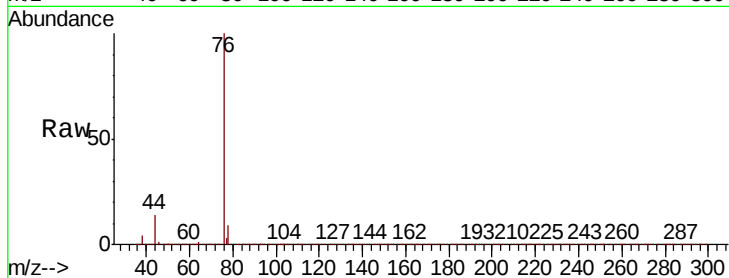




#17
Carbon Disulfide
Concen: 36.475 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

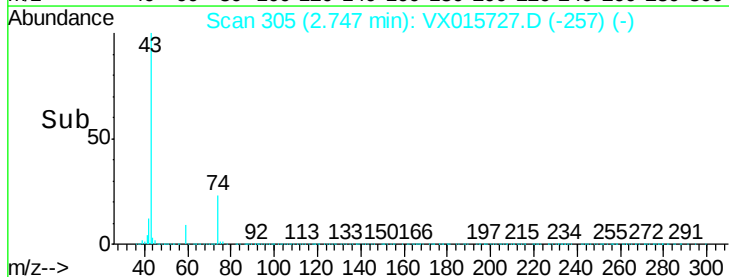
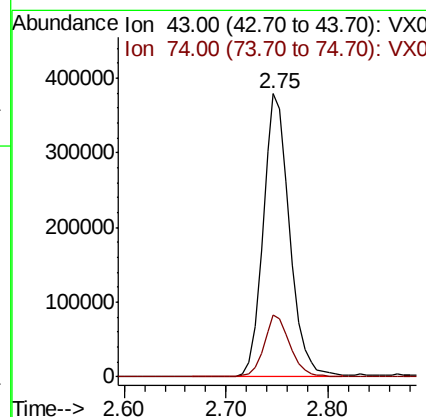
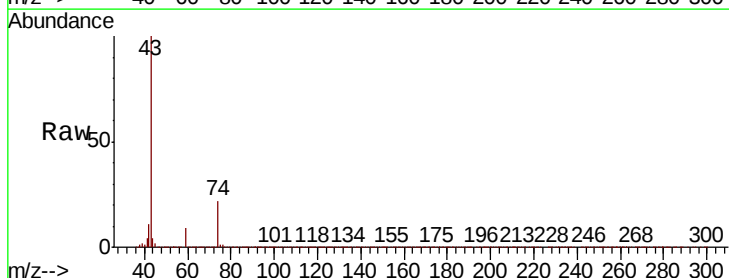
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

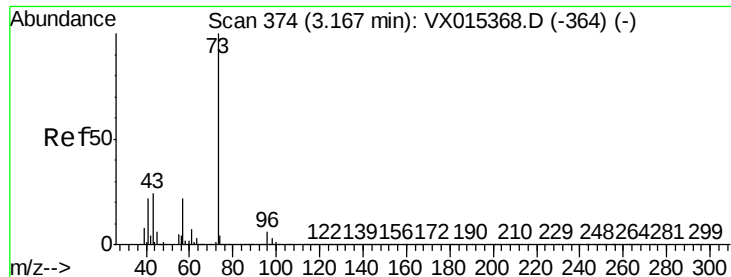
Tot Ion: 76 Resp: 1101852
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 41.985 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 43 Resp: 681042
Ion Ratio Lower Upper
43 100
74 22.0 16.5 24.7



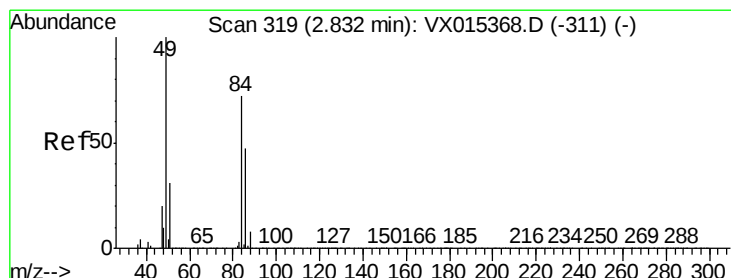
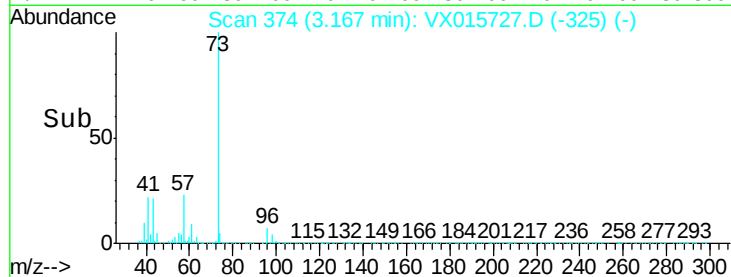
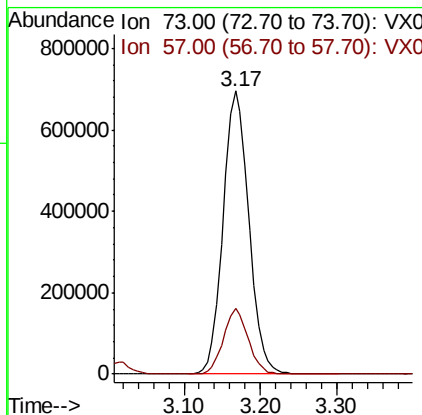
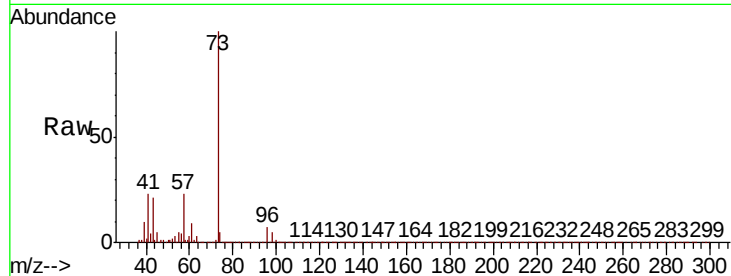


#19

Methyl tert-butyl Ether
 Concen: 42.092 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

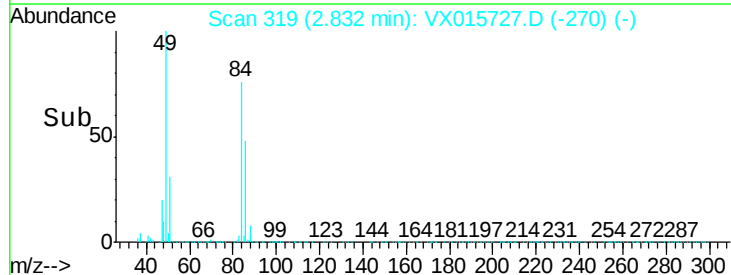
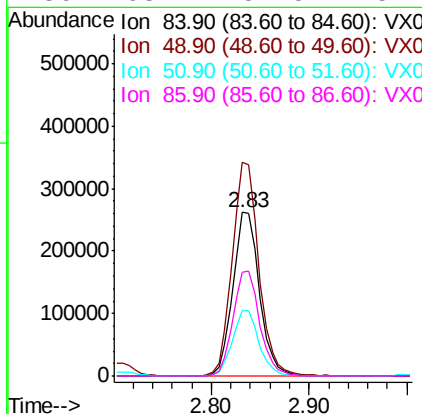
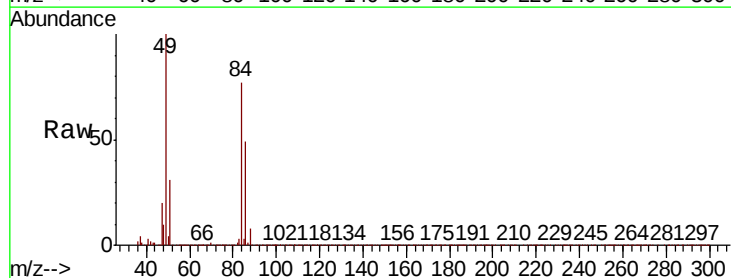
Tot Ion: 73 Resp: 1616583
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.9 26.9



#20

Methylene Chloride
 Concen: 41.575 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion: 84 Resp: 493542
 Ion Ratio Lower Upper
 84 100
 49 130.8 111.3 166.9
 51 39.9 34.0 51.0
 86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.424 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

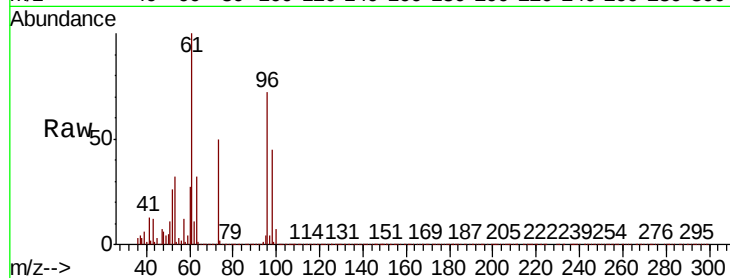
Tot Ion: 96 Resp: 466240

Ion Ratio Lower Upper

96 100

61 138.6 116.9 175.3

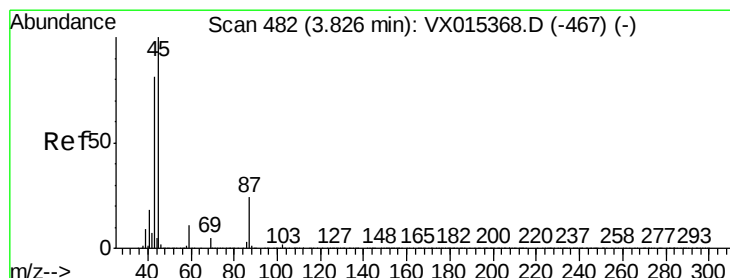
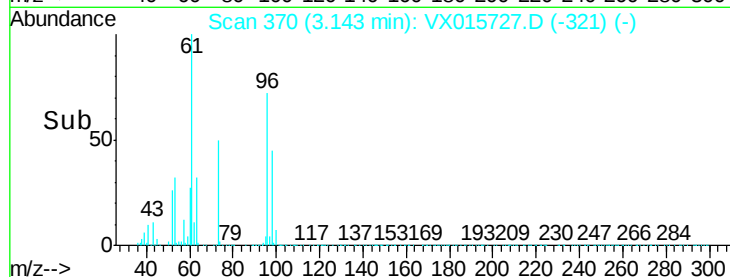
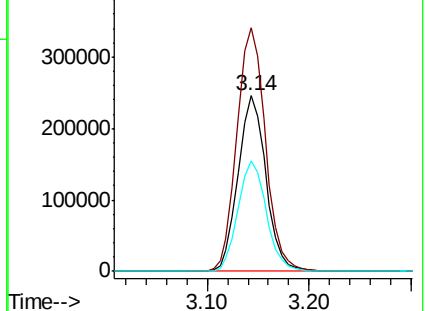
98 62.9 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 42.271 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion: 45 Resp: 1733123

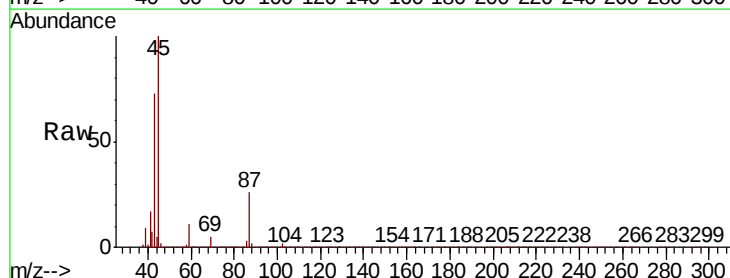
Ion Ratio Lower Upper

45 100

43 73.0 64.7 97.1

87 25.6 19.4 29.0

59 10.6 8.7 13.1

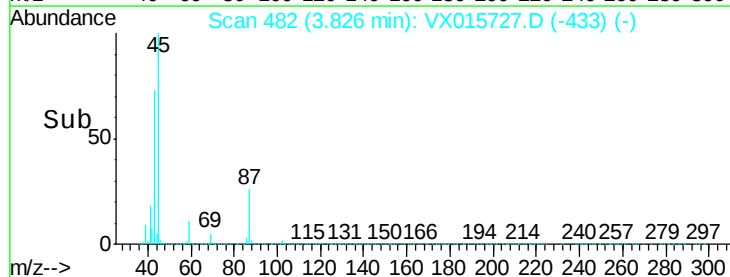
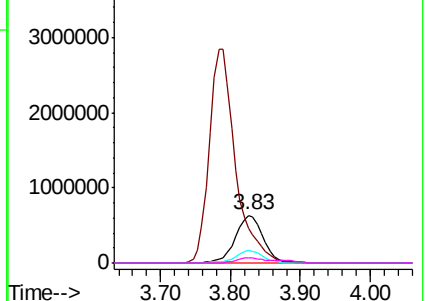


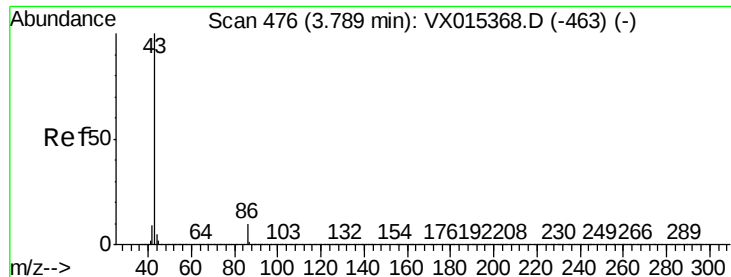
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 200.093 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

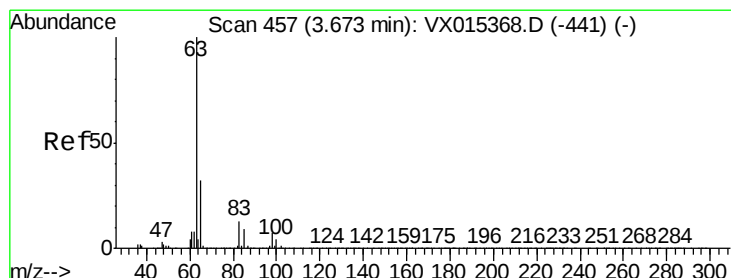
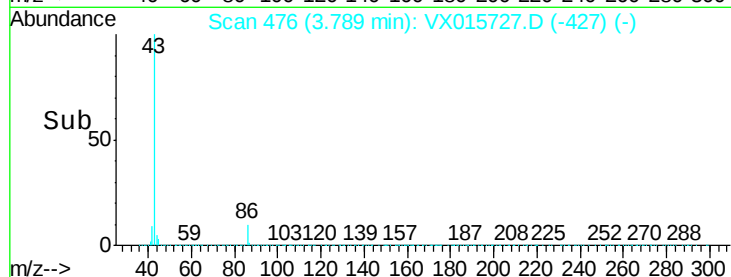
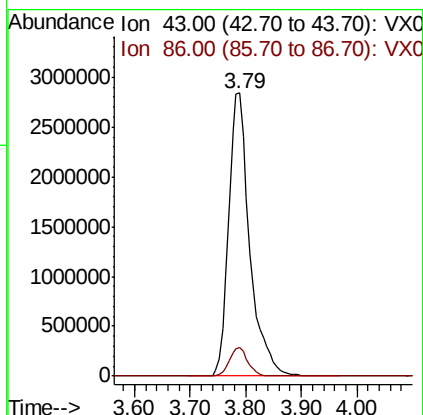
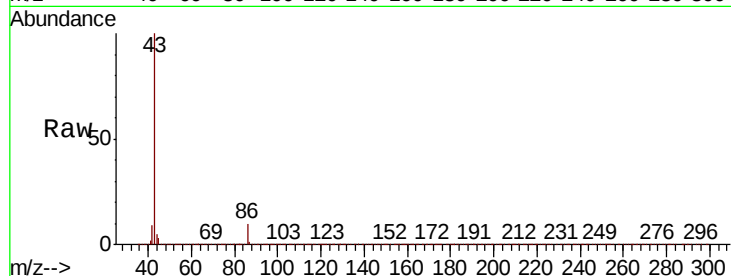
SS042MW032-200413MSD

Tot Ion: 43 Resp: 7427851

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.6



#24

1,1-Dichloroethane

Concen: 41.125 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

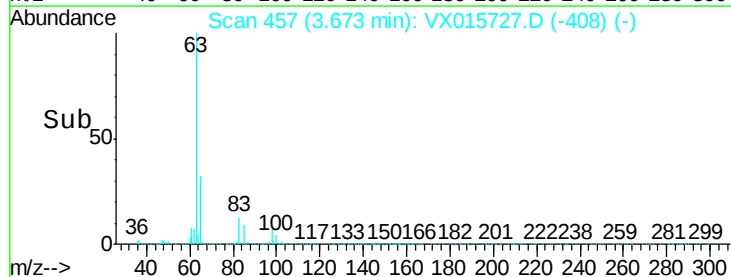
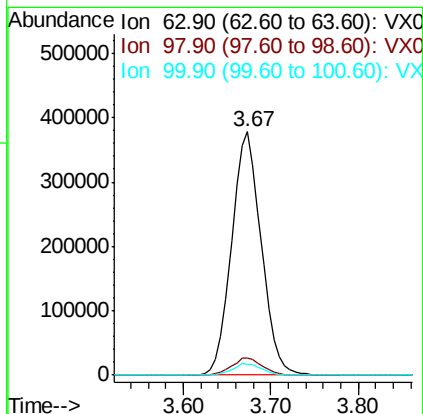
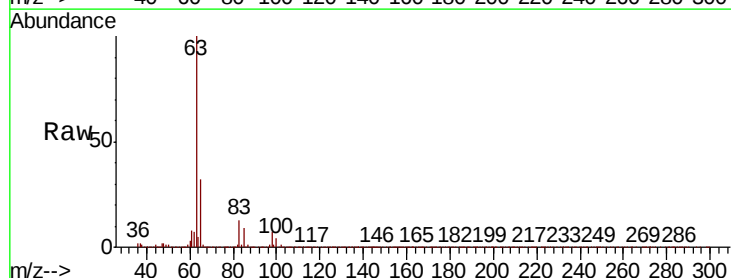
Tgt Ion: 63 Resp: 887781

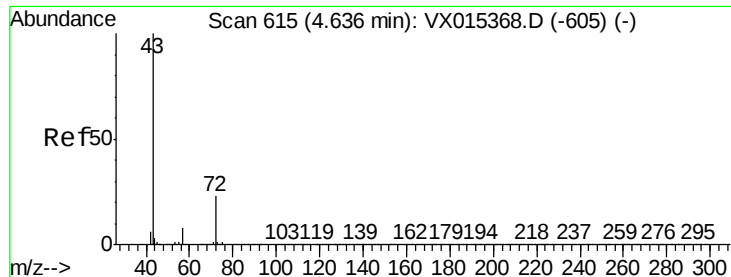
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.1 2.1 6.5

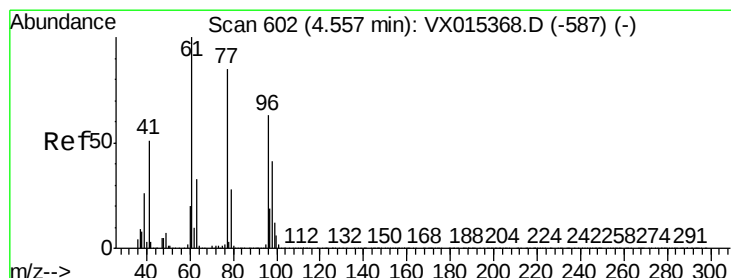
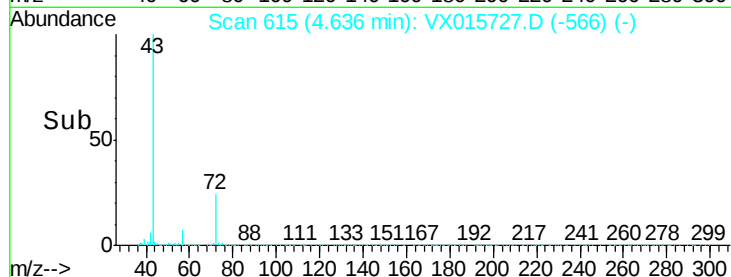
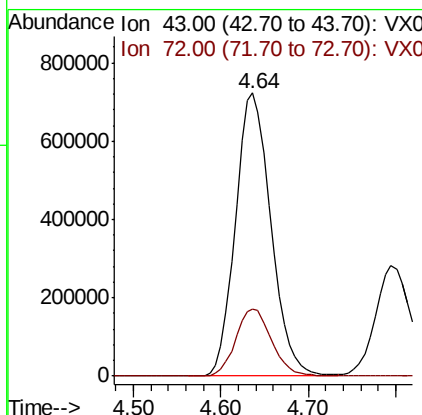
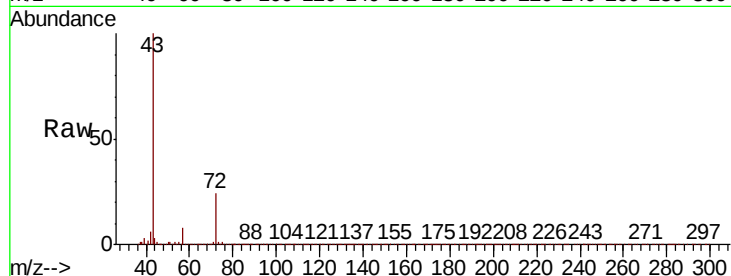




#25
2-Butanone
Concen: 198.086 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

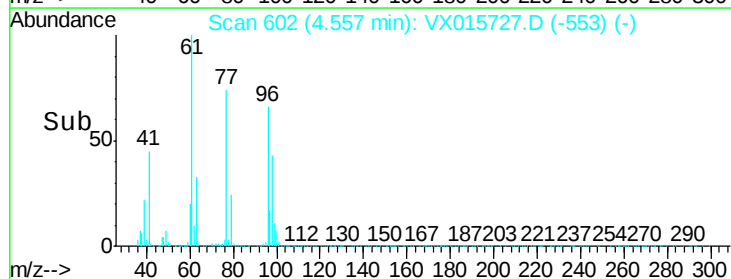
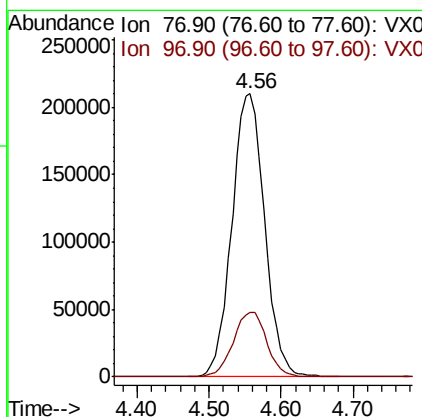
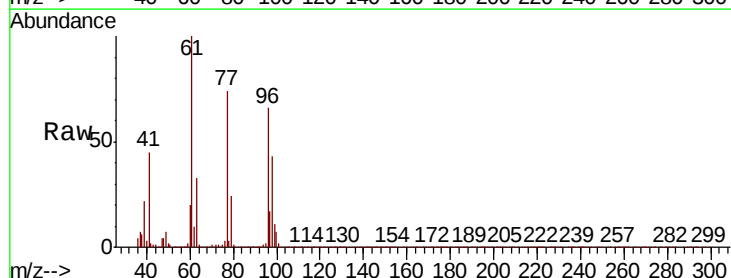
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

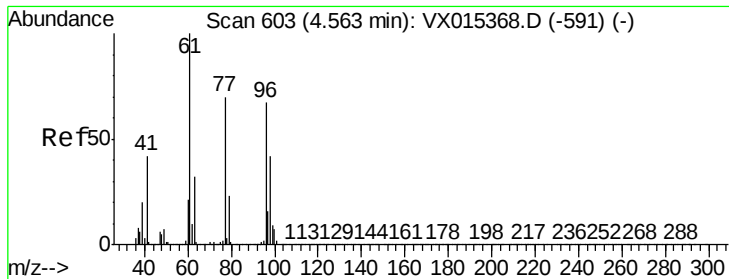
Tot Ion: 43 Resp: 2024638
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.4



#26
2,2-Dichloropropane
Concen: 37.296 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 77 Resp: 660850
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.193 ug/l

RT: 4.56 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

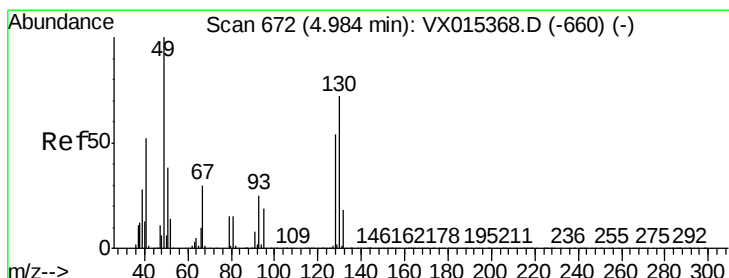
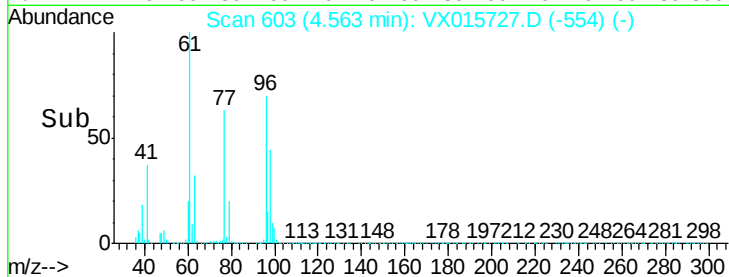
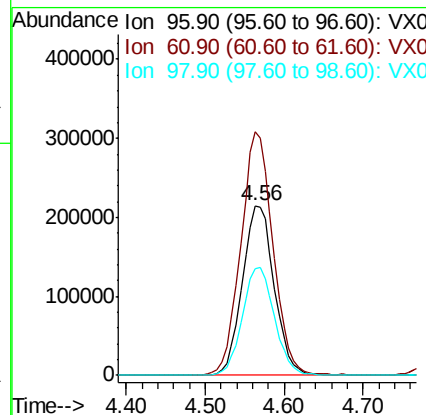
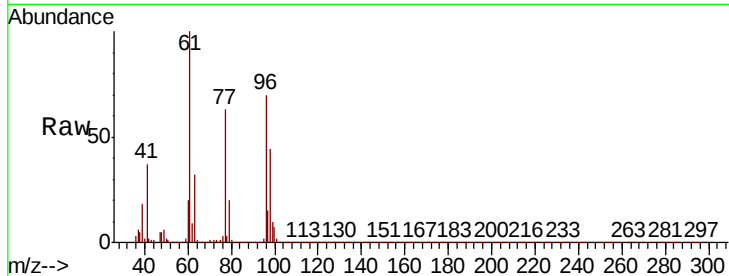
Tot Ion: 96 Resp: 600050

Ion Ratio Lower Upper

96 100

61 144.9 0.0 308.4

98 64.7 0.0 129.2



#28

Bromochloromethane

Concen: 42.791 ug/l

RT: 4.98 min Scan# 672

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

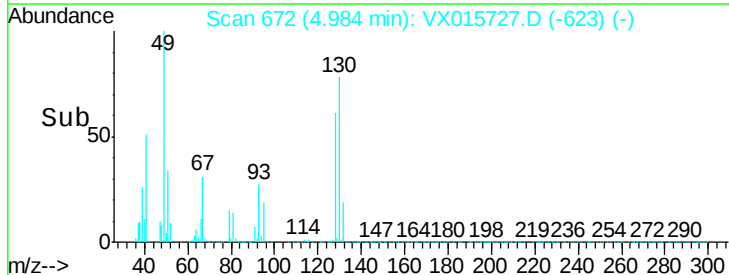
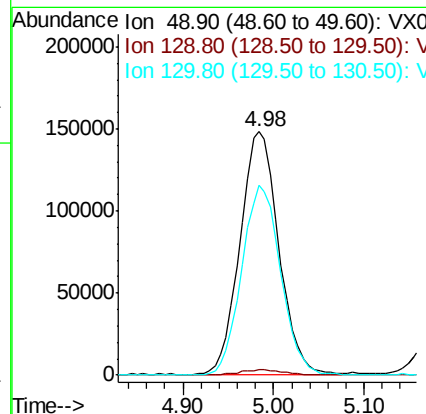
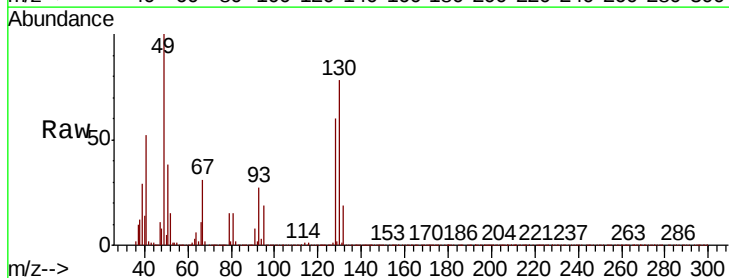
Tgt Ion: 49 Resp: 441034

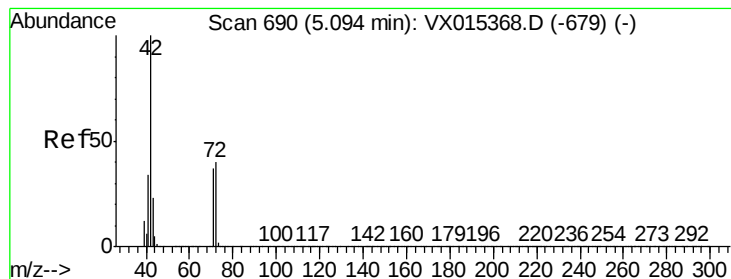
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 77.8 57.7 86.5





#29

Tetrahydrofuran

Concen: 199.314 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

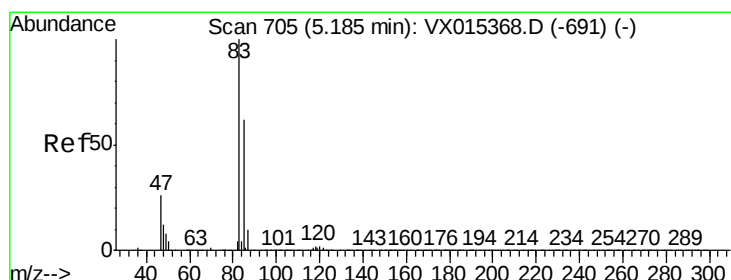
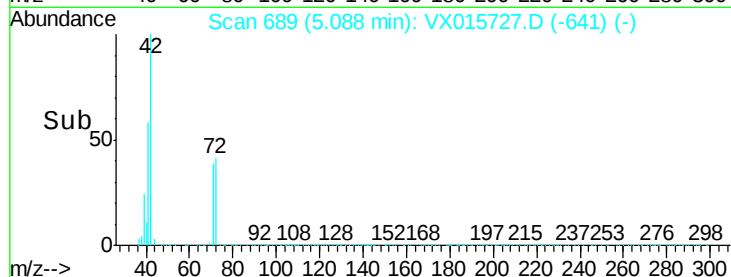
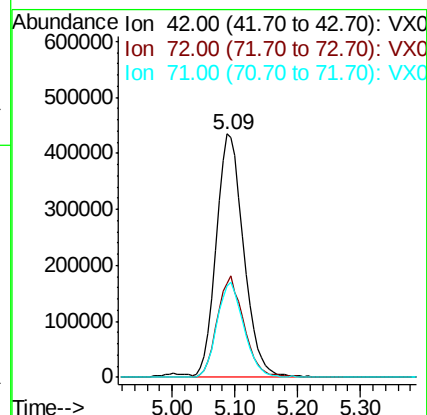
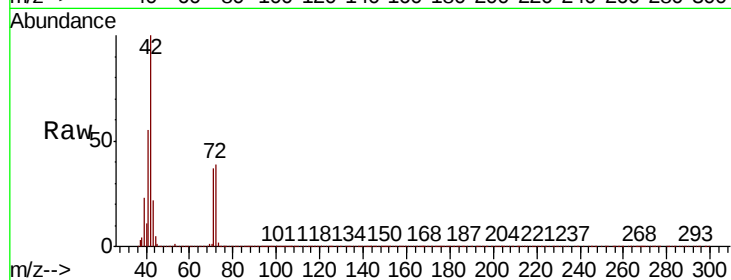
MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 42 Resp: 1309657

Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.7	47.5
71	38.3	29.6	44.4



#30

Chloroform

Concen: 43.121 ug/l

RT: 5.18 min Scan# 704

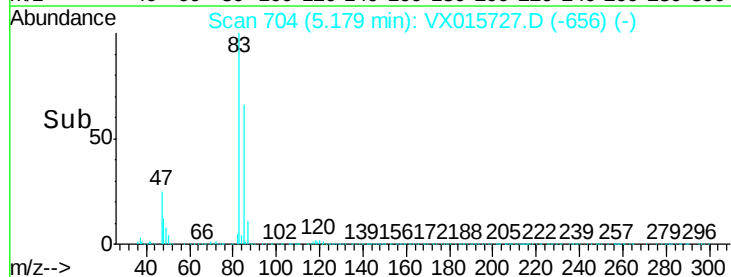
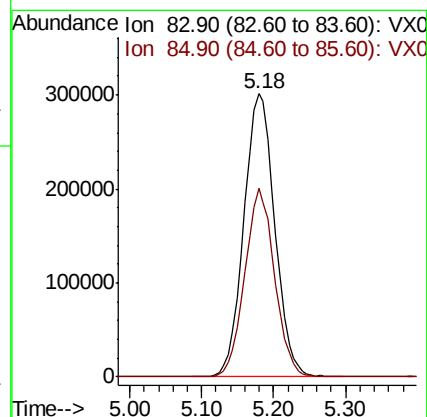
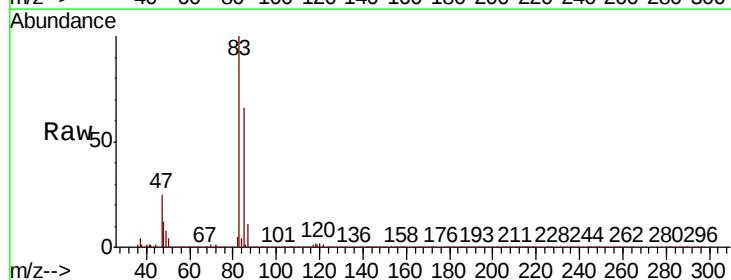
Delta R.T. -0.01 min

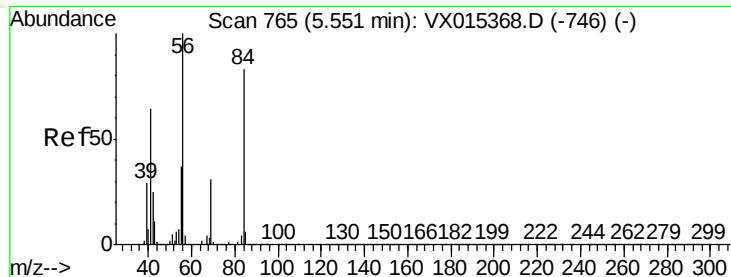
Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion: 83 Resp: 895587

Ion	Ratio	Lower	Upper
83	100		
85	66.4	49.5	74.3

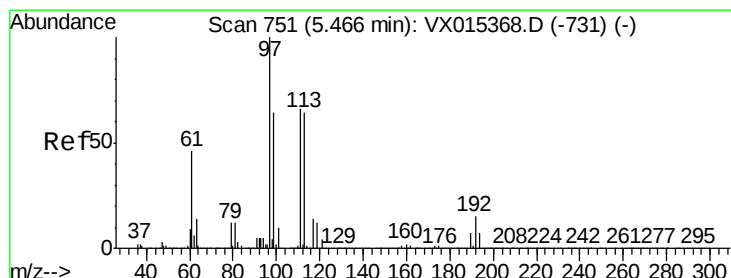
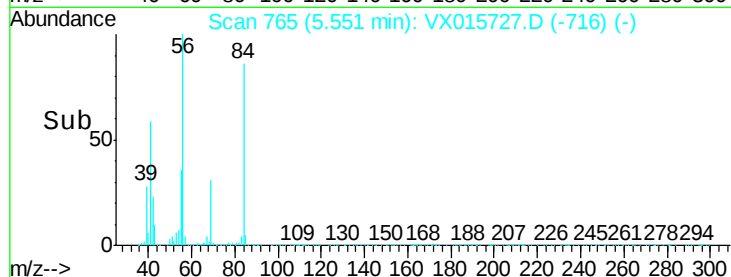
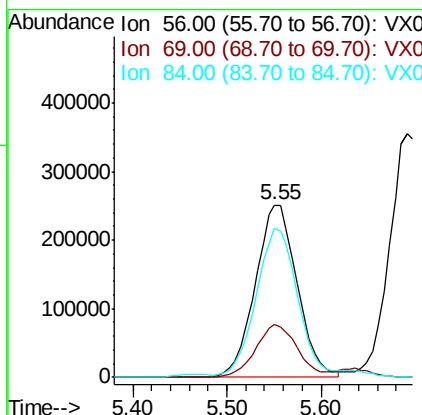
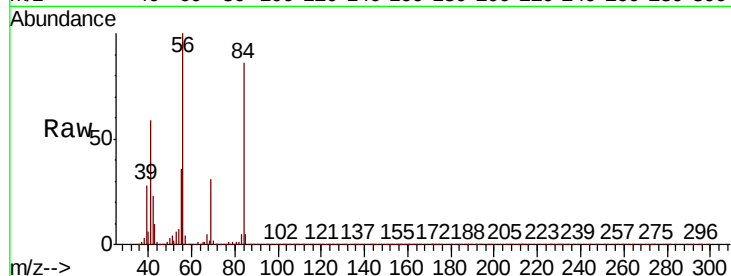




#31
Cyclohexane
Concen: 41.384 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

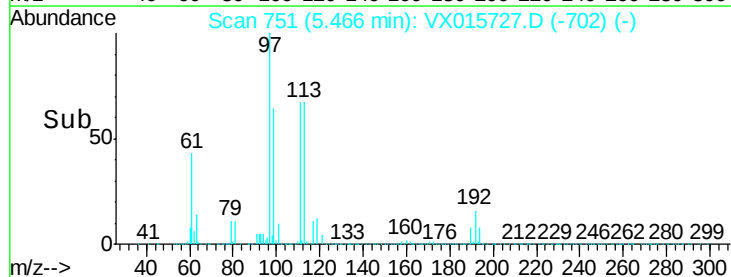
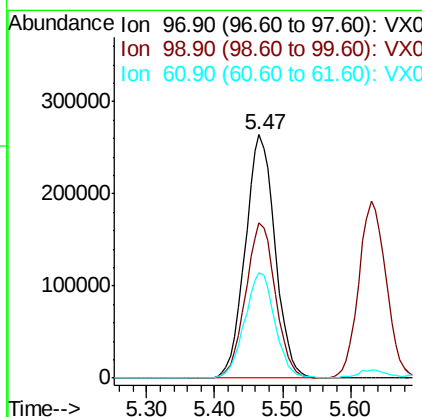
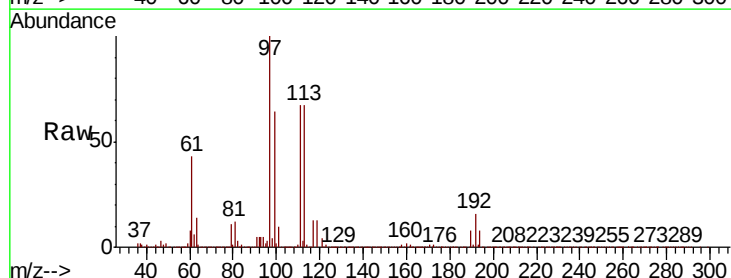
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

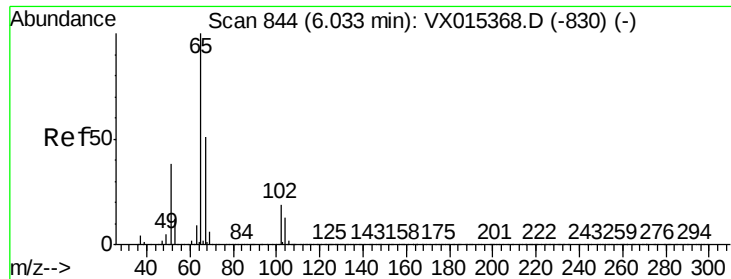
Tot Ion: 56 Resp: 774986
Ion Ratio Lower Upper
56 100
69 30.5 24.6 36.8
84 84.7 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 42.800 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 97 Resp: 804463
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 43.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 42.106 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

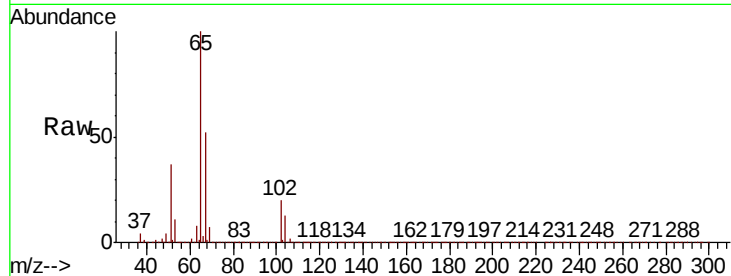
SS042MW032-200413MSD

Tot Ion: 65 Resp: 622880

Ion Ratio Lower Upper

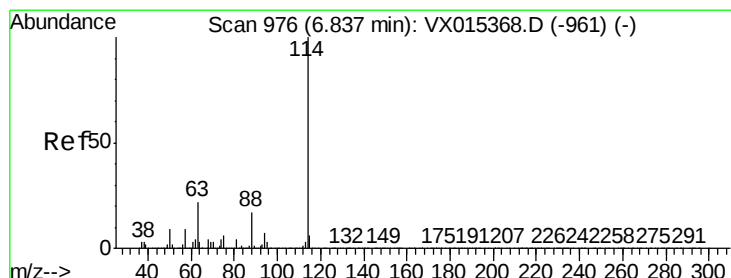
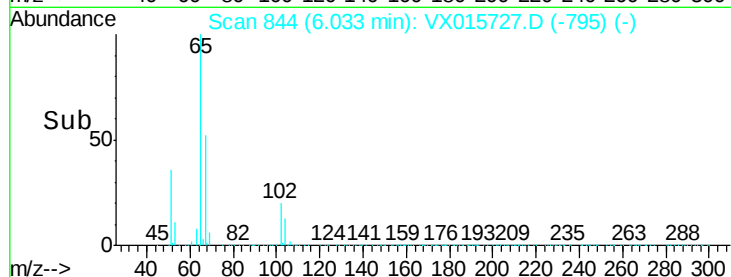
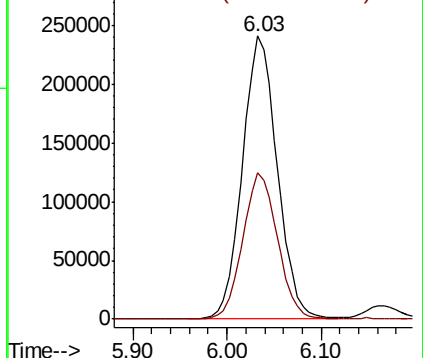
65 100

67 51.7 0.0 102.6



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

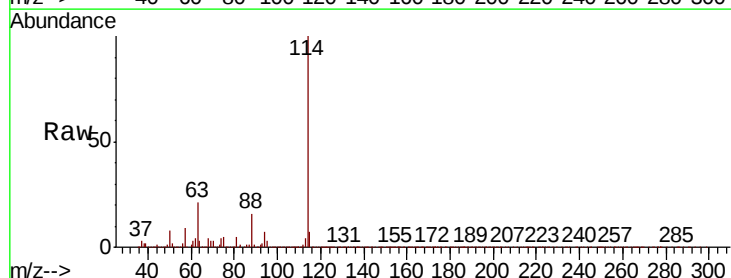
Tgt Ion: 114 Resp: 1551744

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

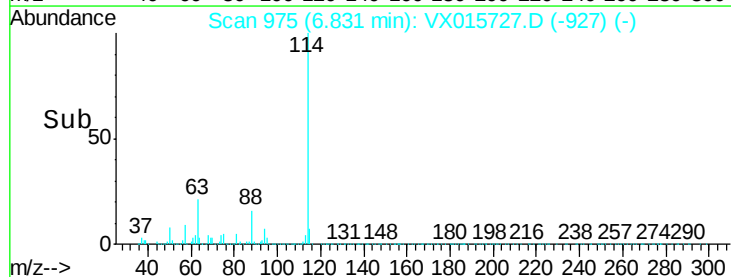
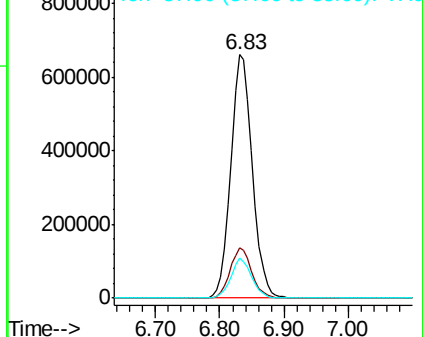
88 16.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

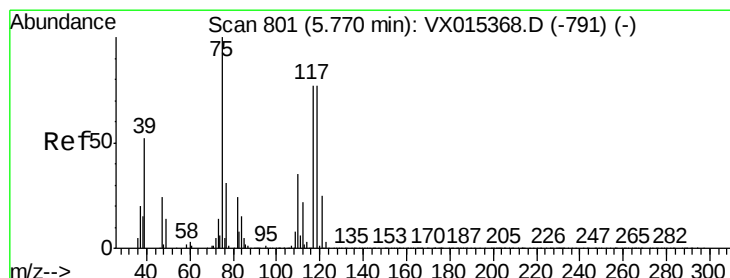
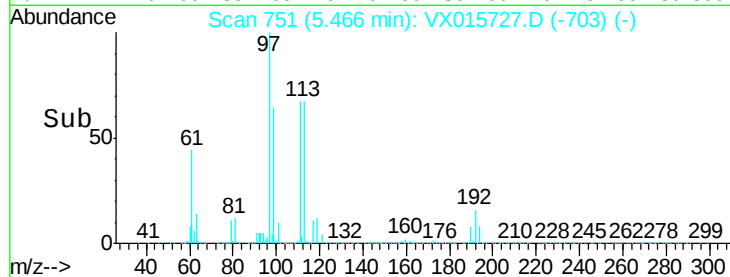
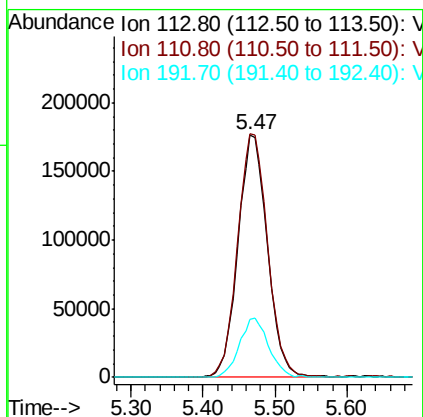
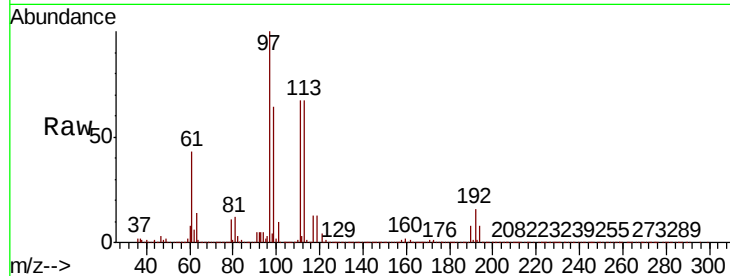




#35
 Dibromofluoromethane
 Concen: 50.277 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

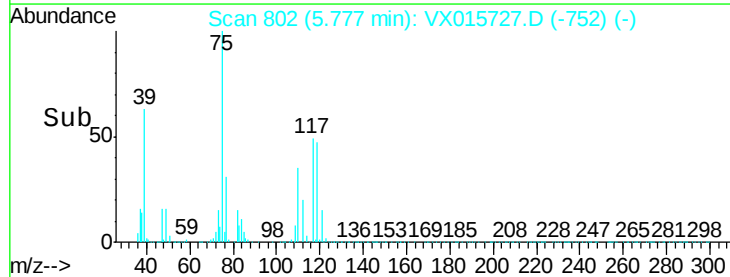
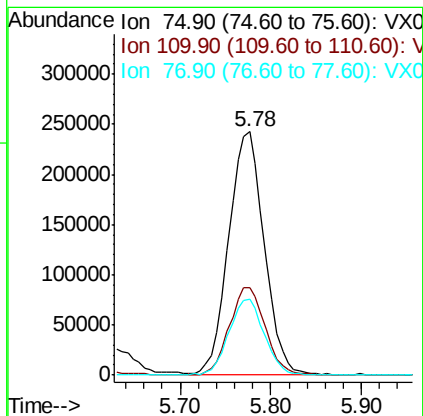
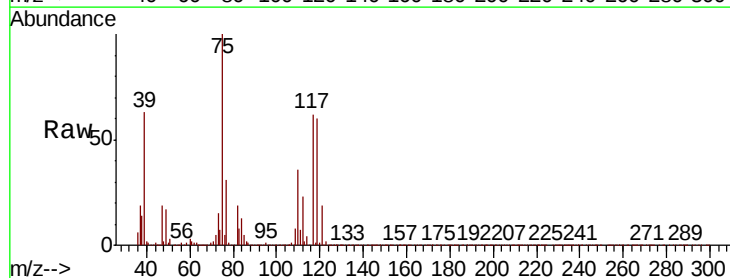
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

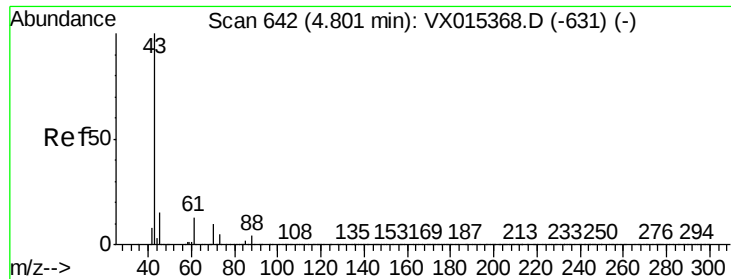
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	24.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 45.847 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.1	51.3
77	30.7	24.6	36.8

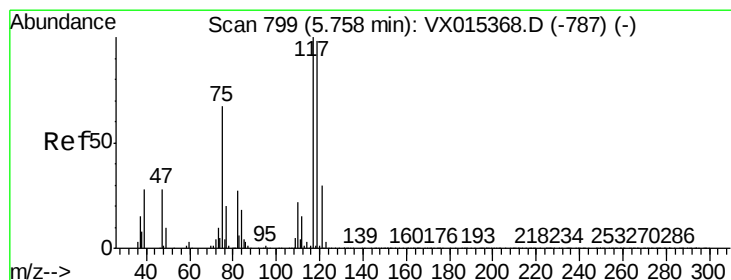
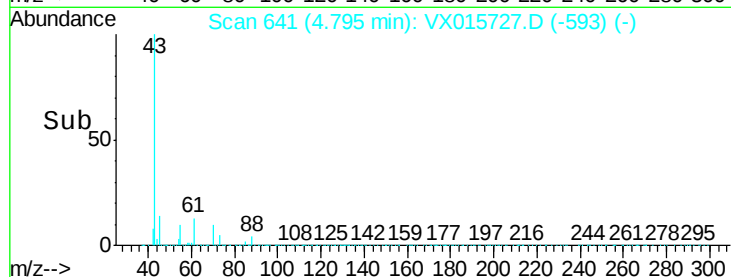
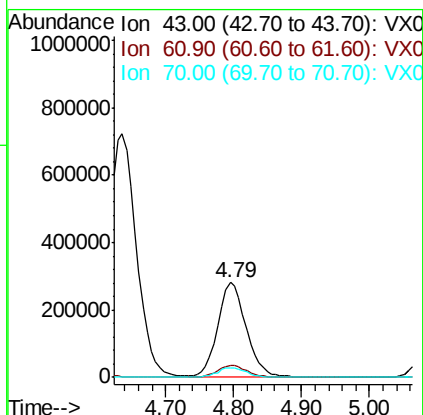
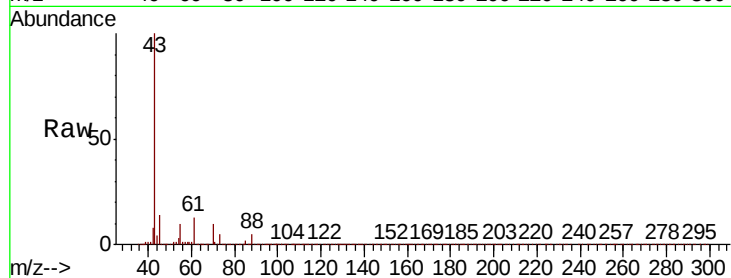




#37
Ethyl Acetate
Concen: 43.479 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

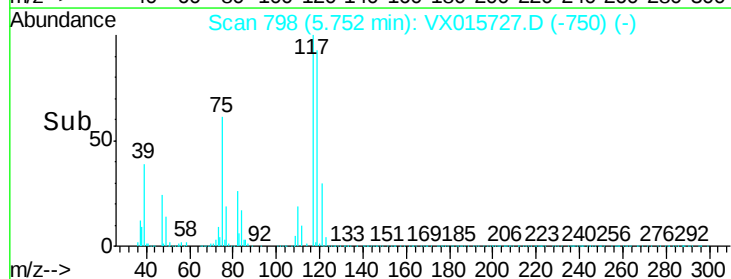
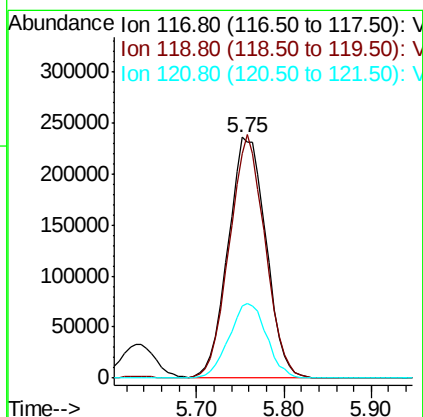
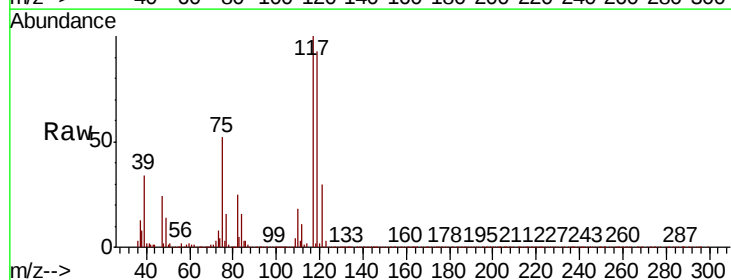
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

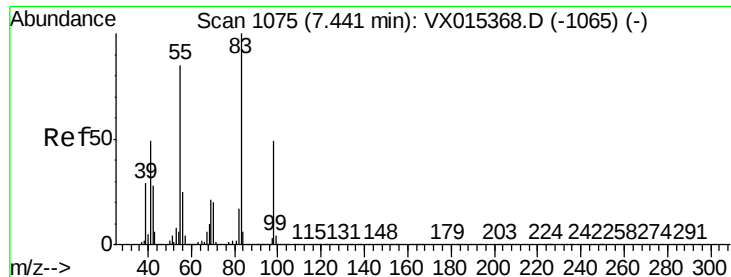
Tot Ion:	43	Resp:	809421
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 45.650 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:	117	Resp:	706932
Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.0	117.0
121	29.8	23.8	35.8

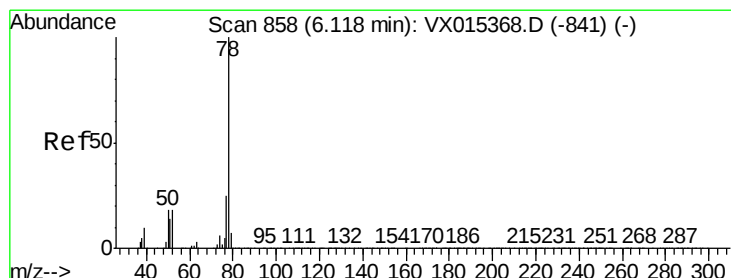
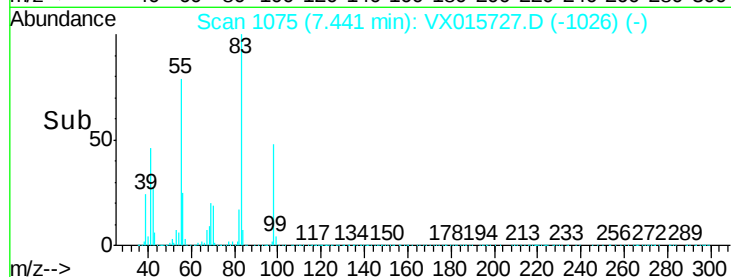
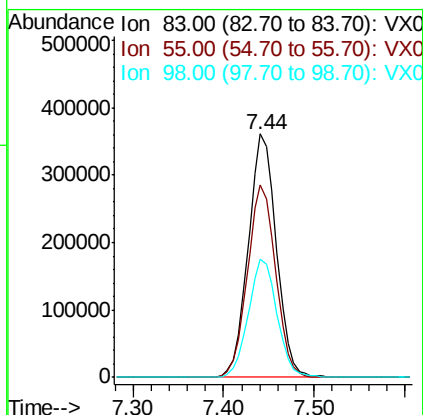
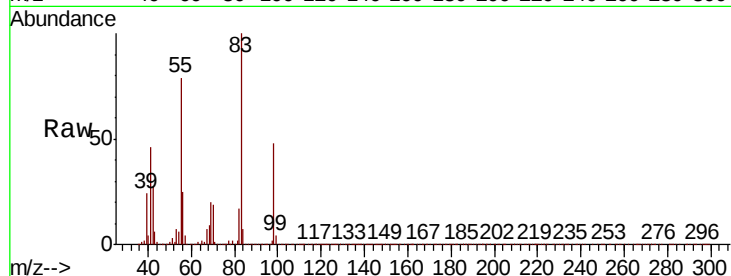




#39
Methvlcvclohexane
Concen: 46.866 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

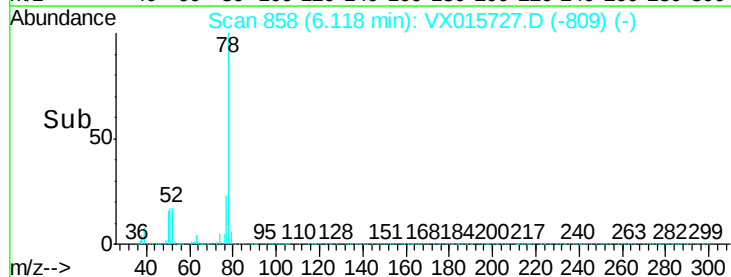
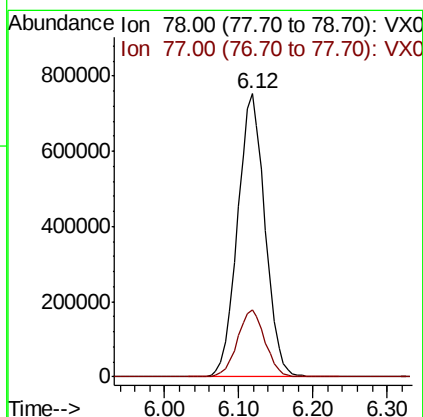
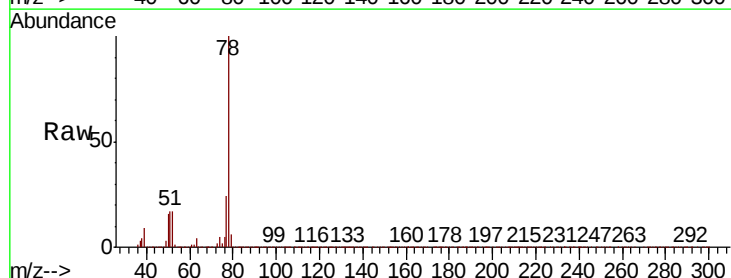
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

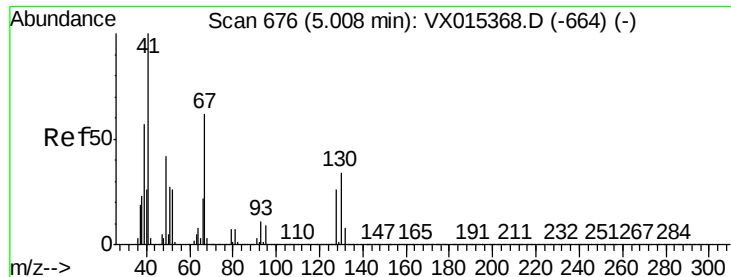
Tot Ion	83	Resp	772591
Ion Ratio	Lower	Upper	
83	100		
55	79.0	67.8	101.6
98	48.2	39.3	58.9



#40
Benzene
Concen: 46.342 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	78	Resp	1940859
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.8	29.8





#41

Methacrylonitrile

Concen: 43.543 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 41 Resp: 449993

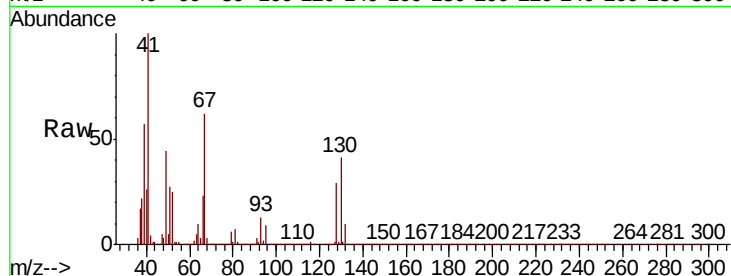
Ion Ratio Lower Upper

41 100

39 54.4 44.5 66.7

67 64.6 48.9 73.3

52 26.8 21.8 32.6

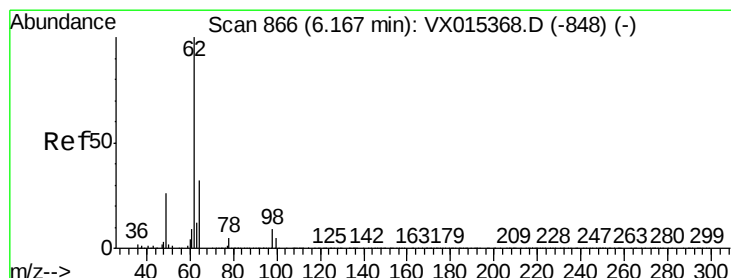
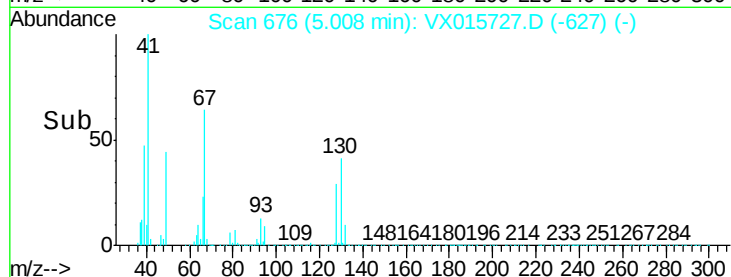
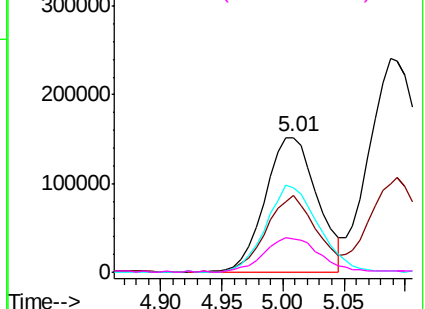


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.003 ug/l

RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015727.D

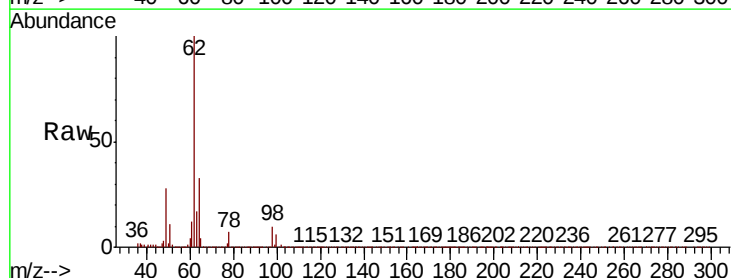
Acq: 16 Apr 2020 20:54

Tgt Ion: 62 Resp: 740254

Ion Ratio Lower Upper

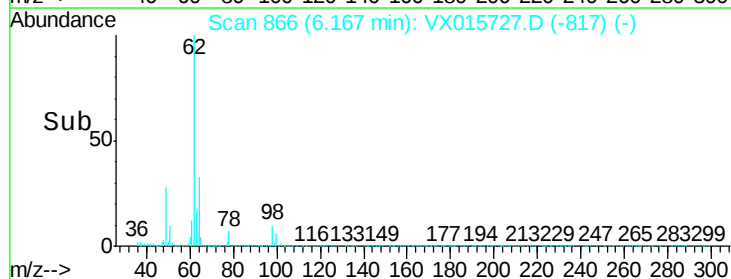
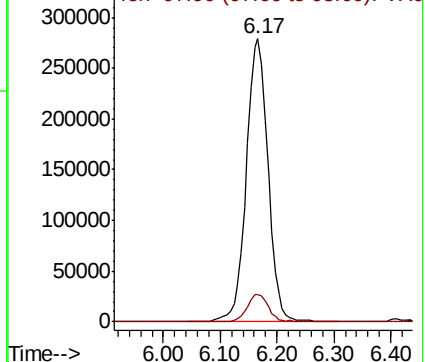
62 100

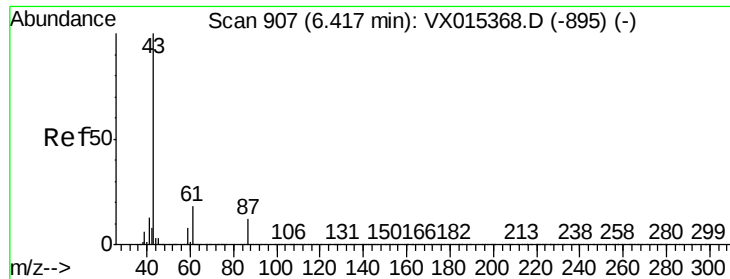
98 9.5 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



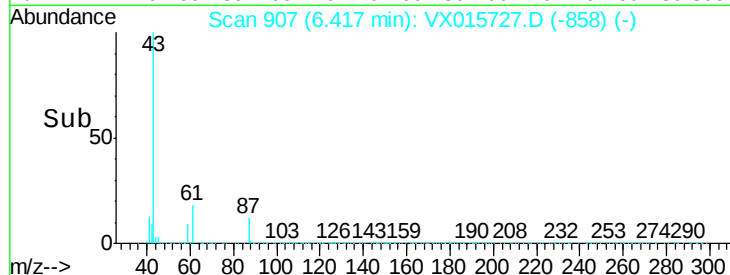
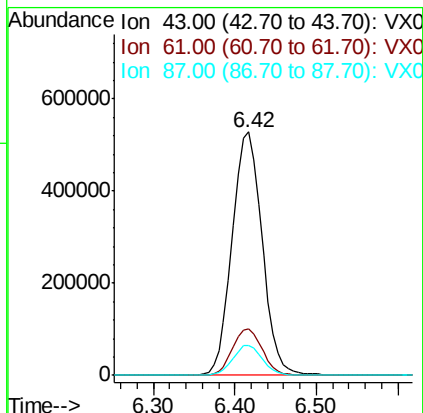
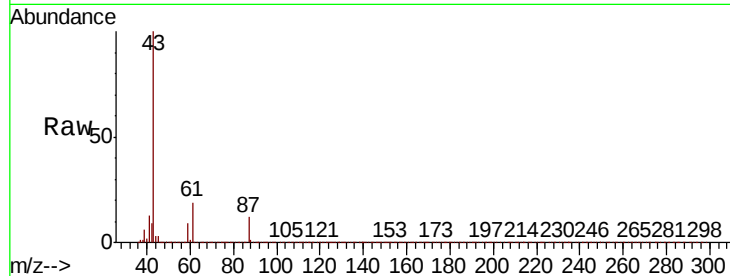


#43

Isopropyl Acetate
 Concen: 42.538 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

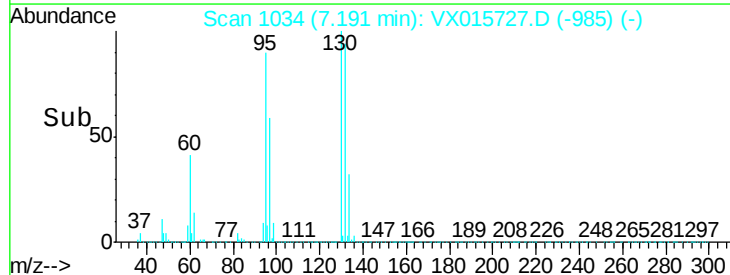
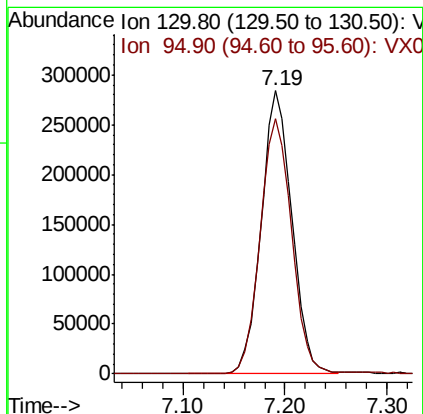
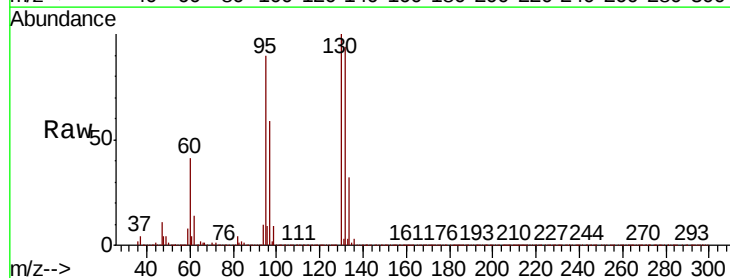
Tot Ion: 43 Resp: 1336828
 Ion Ratio Lower Upper
 43 100
 61 19.0 14.8 22.2
 87 12.1 9.4 14.0

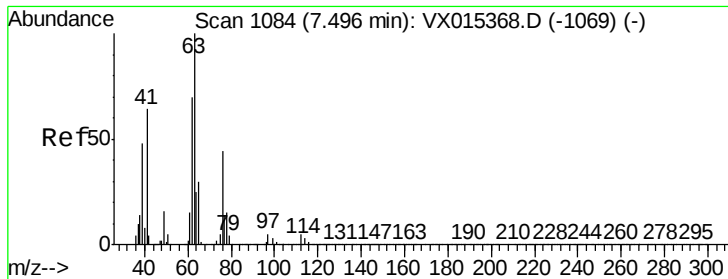


#44

Trichloroethene
 Concen: 51.850 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion: 130 Resp: 592238
 Ion Ratio Lower Upper
 130 100
 95 90.1 0.0 199.0

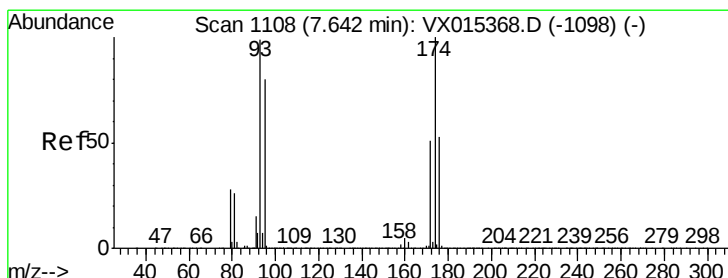
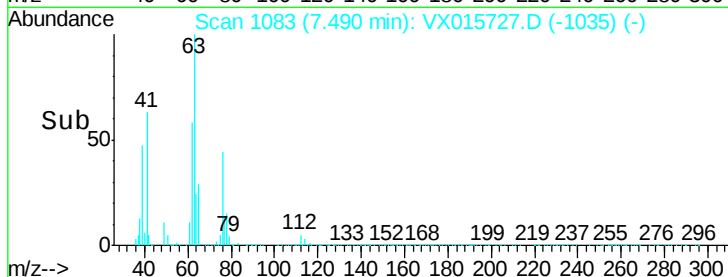
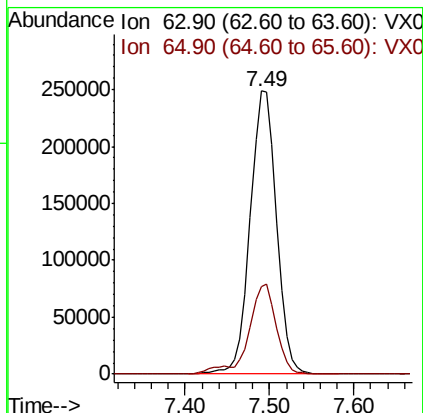
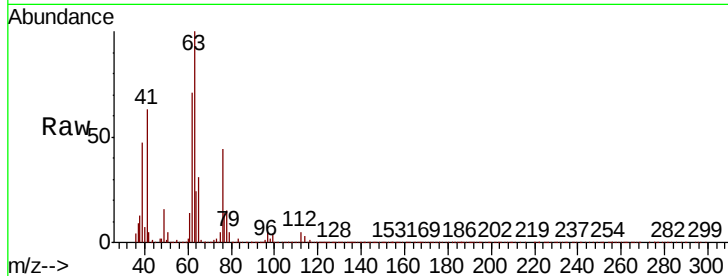




#45
 1,2-Dichloropropane
 Concen: 45.578 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

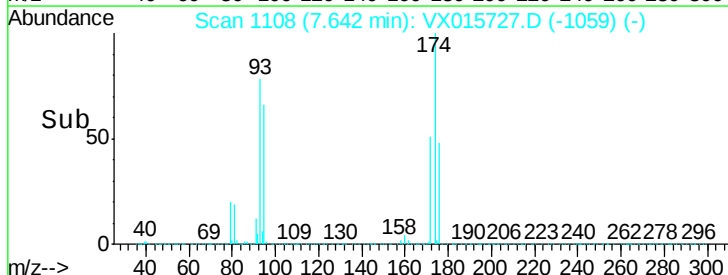
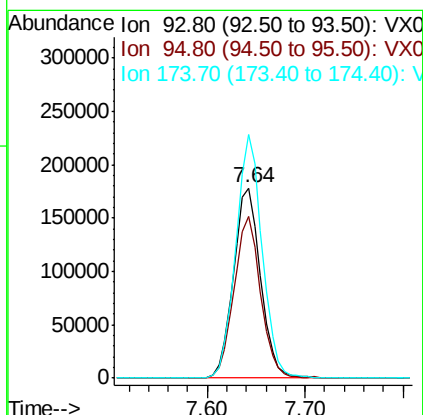
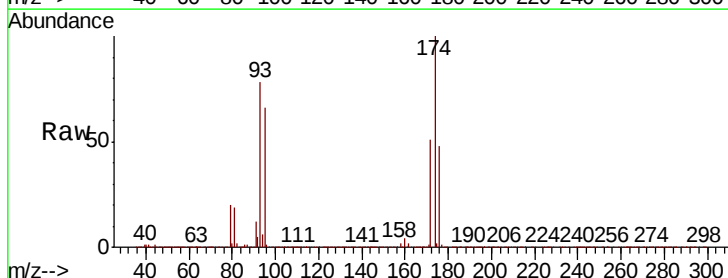
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

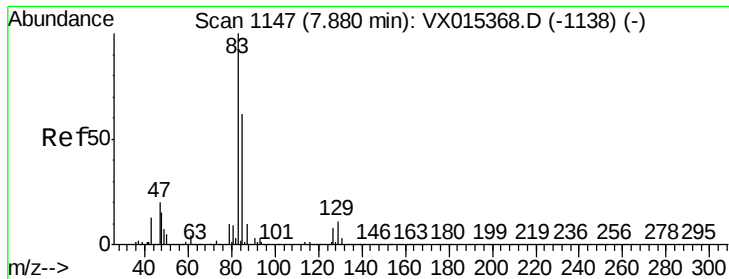
Tot Ion: 63 Resp: 522194
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 45.413 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion: 93 Resp: 341305
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.8
 174 125.2 86.2 129.2





#47

Bromodichloromethane

Concen: 45.201 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

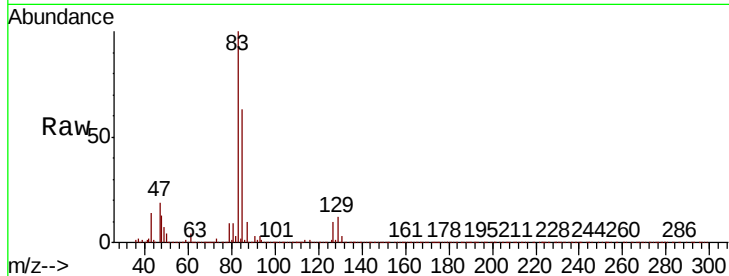
Tot Ion: 83 Resp: 723857

Ion Ratio Lower Upper

83 100

85 62.6 49.7 74.5

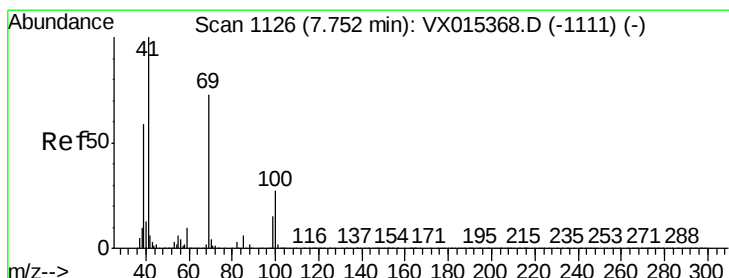
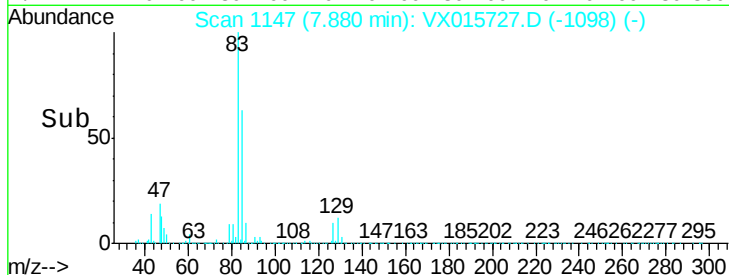
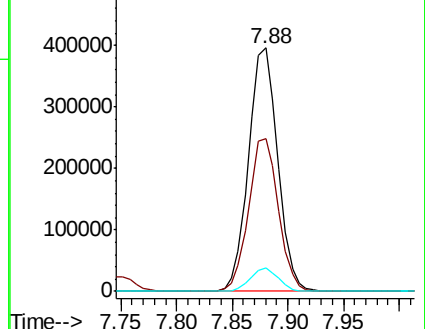
127 9.5 6.7 10.1



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: 42.721 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

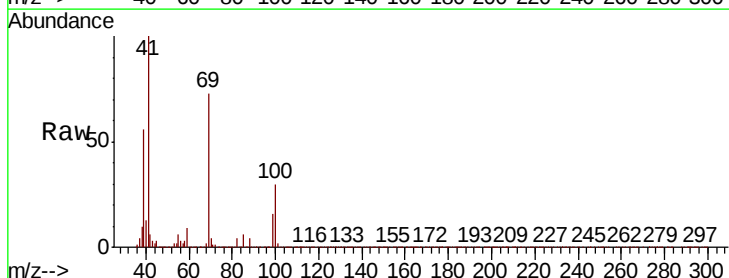
Tgt Ion: 41 Resp: 670597

Ion Ratio Lower Upper

41 100

69 74.9 56.7 85.1

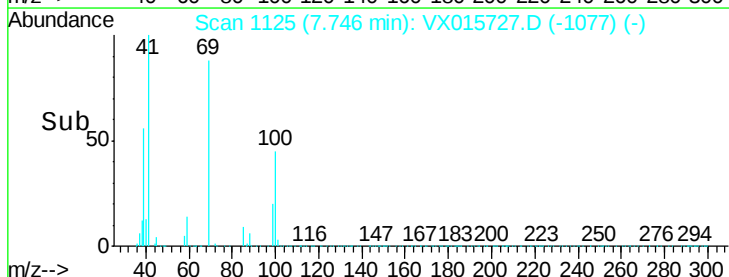
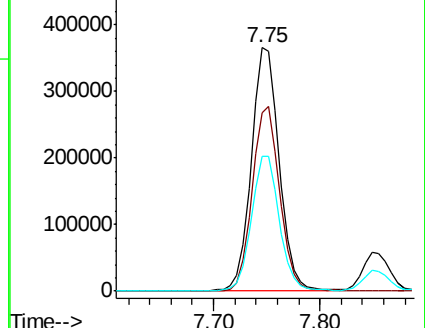
39 55.2 46.5 69.7

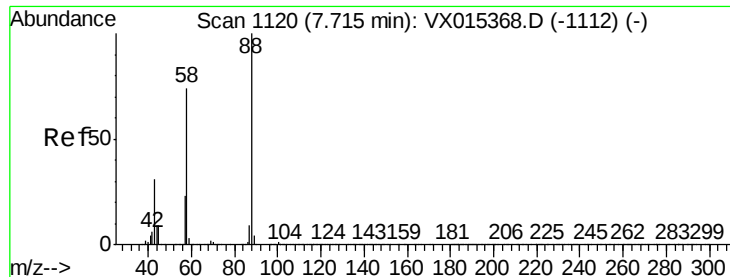


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 877.058 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

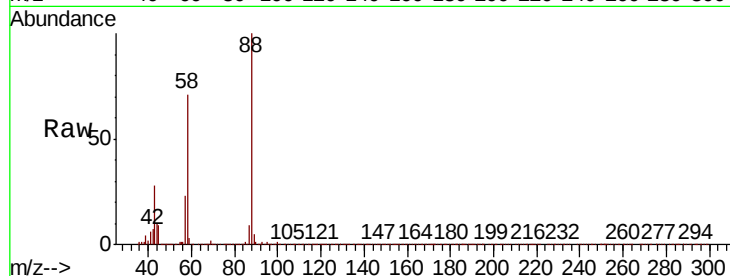
Tot Ion: 88 Resp: 256830

Ion Ratio Lower Upper

88 100

43 34.5 30.1 45.1

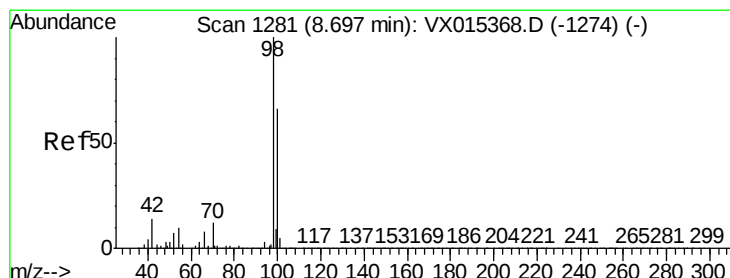
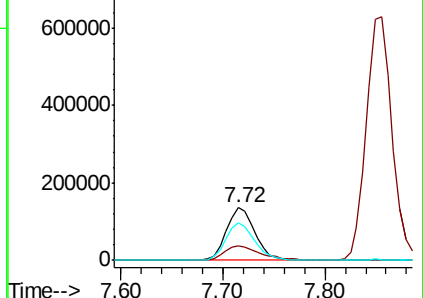
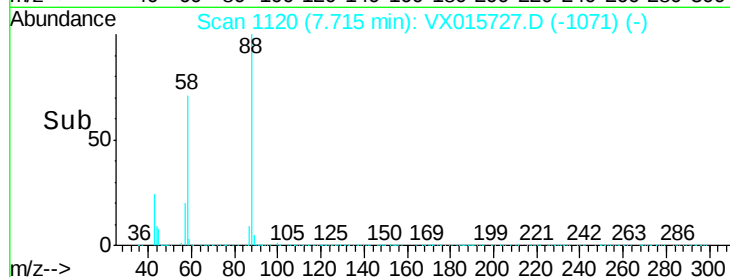
58 73.9 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.919 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015727.D

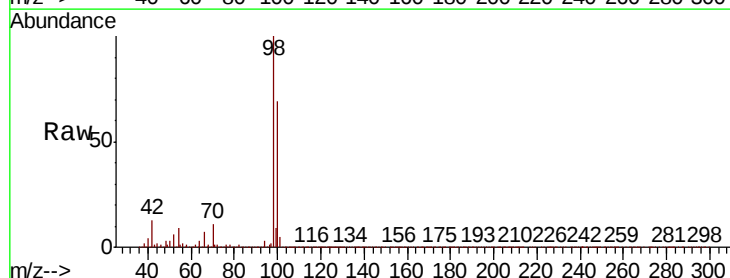
Acq: 16 Apr 2020 20:54

Tgt Ion: 98 Resp: 1823033

Ion Ratio Lower Upper

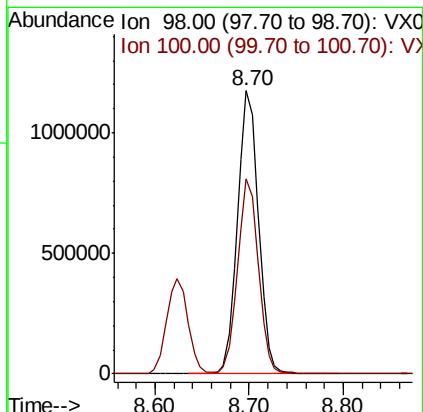
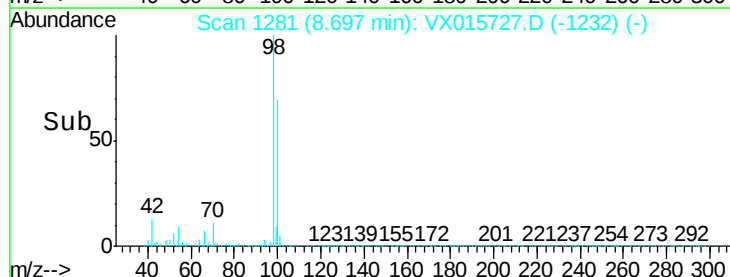
98 100

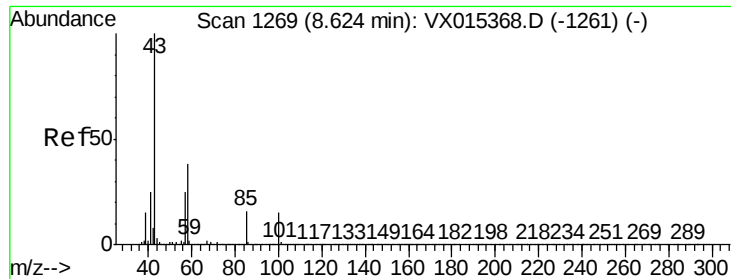
100 68.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 224.891 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

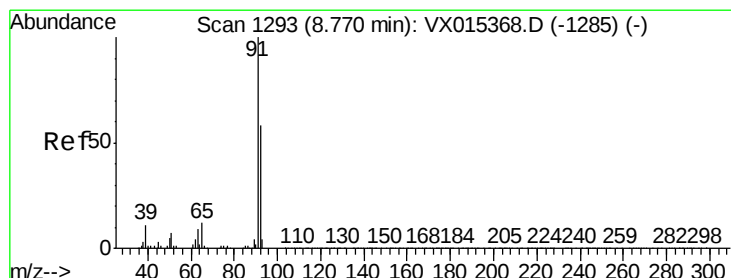
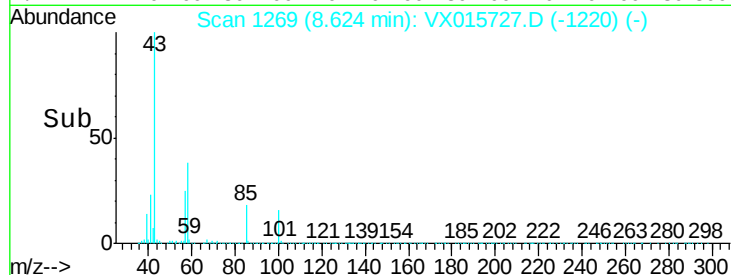
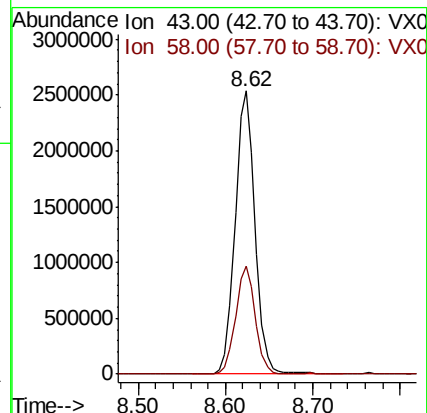
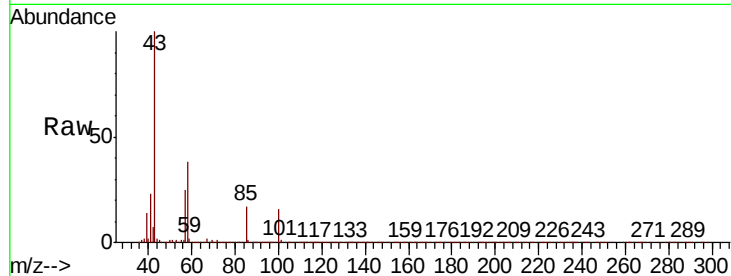
SS042MW032-200413MSD

Tot Ion: 43 Resp: 4005330

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5



#52

Toluene

Concen: 48.735 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015727.D

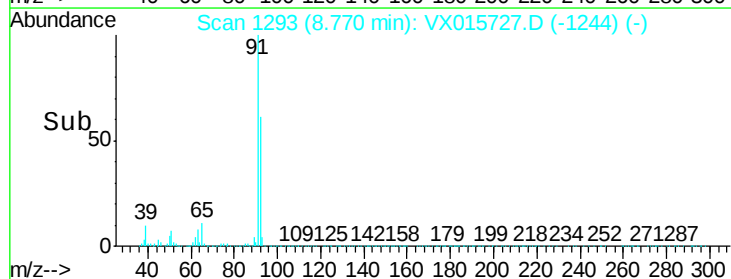
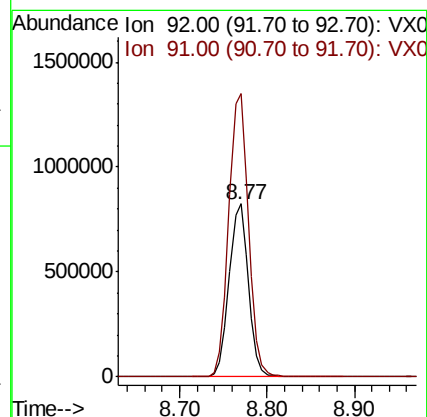
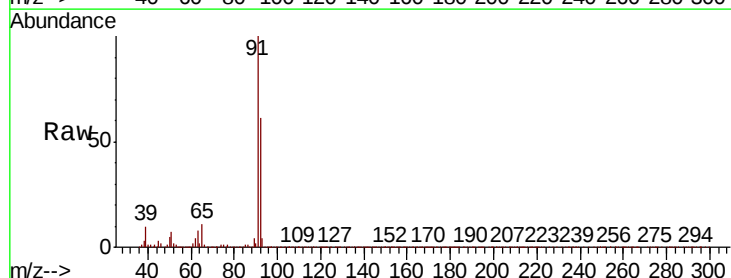
Acq: 16 Apr 2020 20:54

Tgt Ion: 92 Resp: 1258399

Ion Ratio Lower Upper

92 100

91 167.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 42.138 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

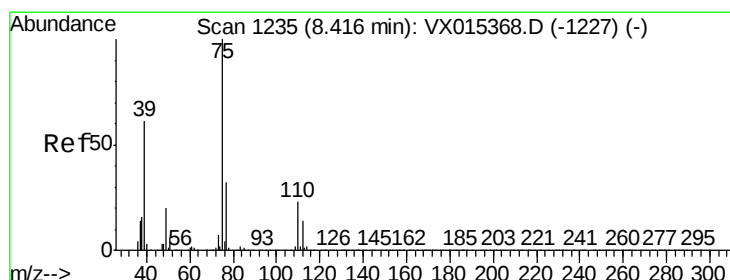
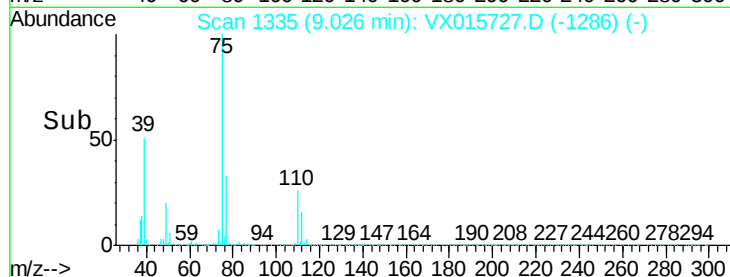
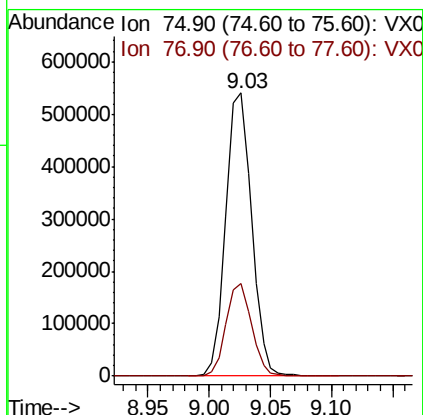
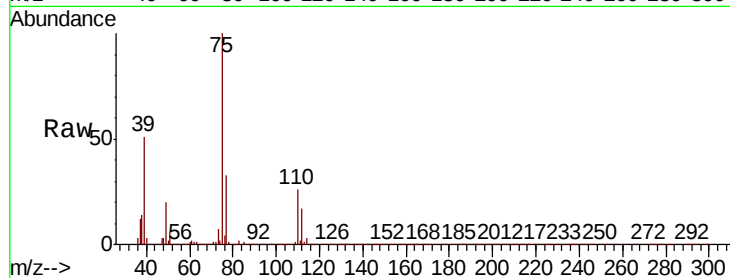
SS042MW032-200413MSD

Tot Ion: 75 Resp: 791431

Ion Ratio Lower Upper

75 100

77 32.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 44.399 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

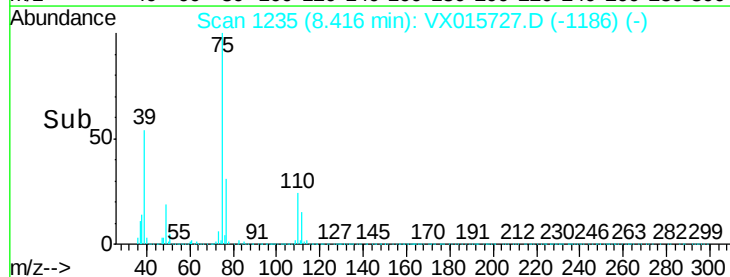
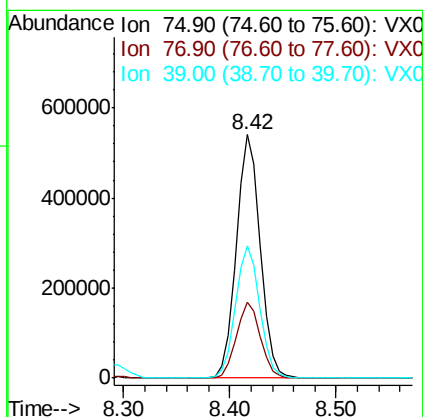
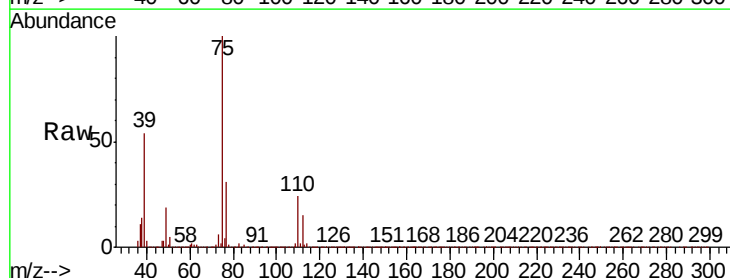
Tgt Ion: 75 Resp: 849464

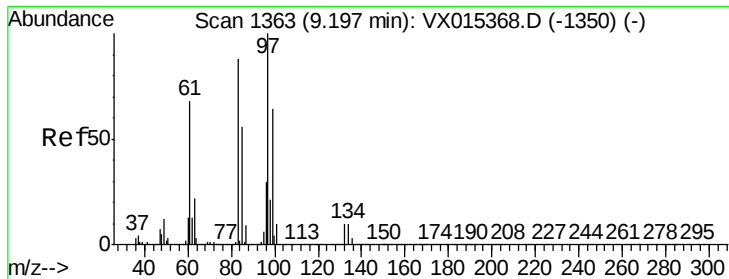
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 54.1 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 48.243 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 97 Resp: 510364

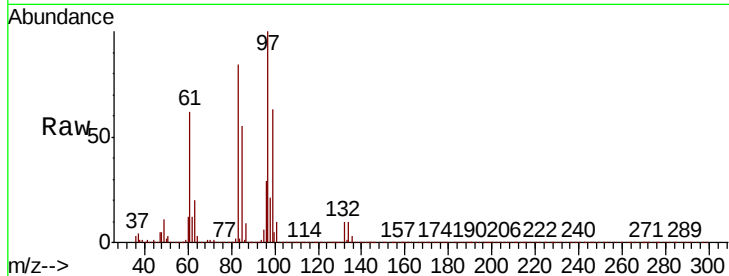
Ion Ratio Lower Upper

97 100

83 84.0 70.2 105.4

85 55.1 44.7 67.1

99 62.6 51.1 76.7

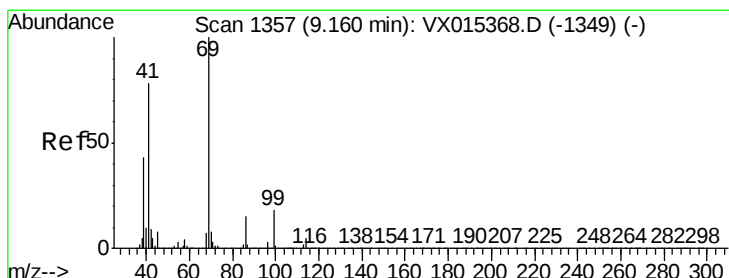
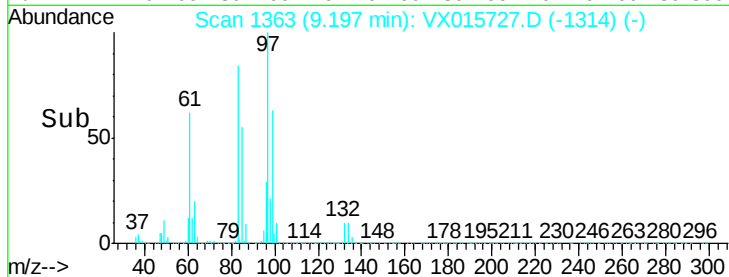
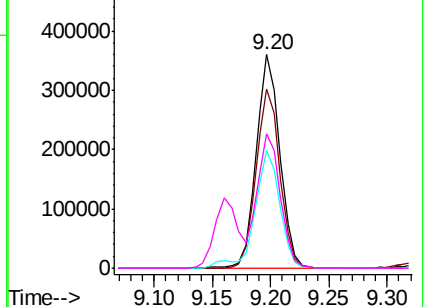


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 45.179 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

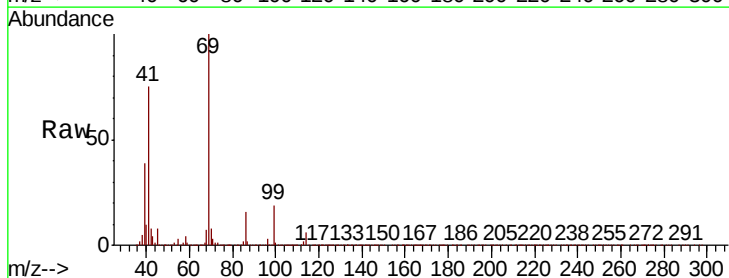
Tgt Ion: 69 Resp: 842319

Ion Ratio Lower Upper

69 100

41 73.9 61.6 92.4

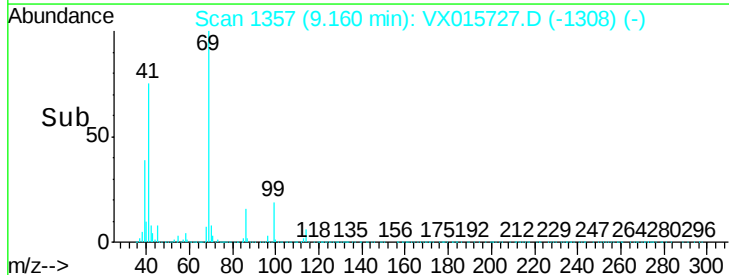
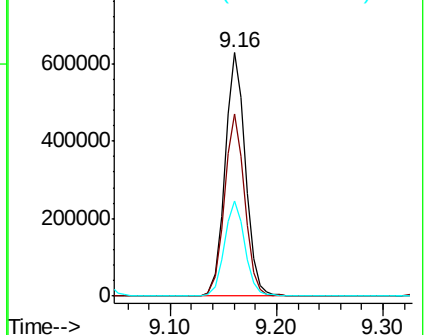
39 39.0 34.0 51.0

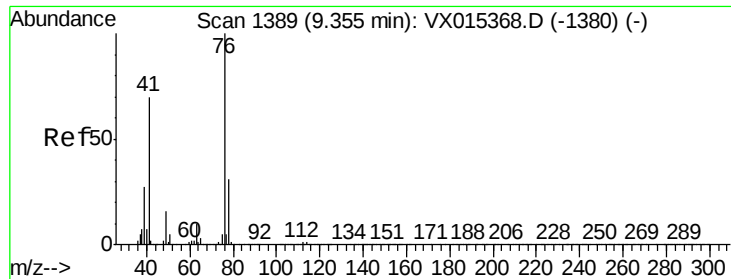


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.003 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

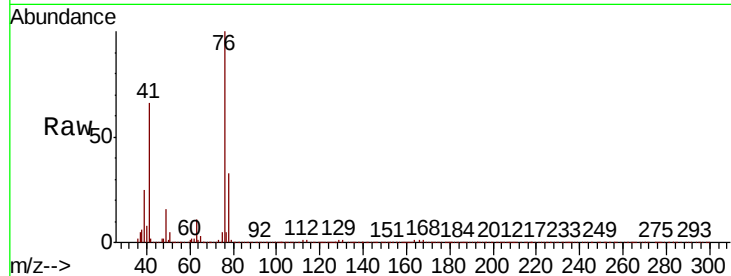
SS042MW032-200413MSD

Tot Ion: 76 Resp: 876828

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

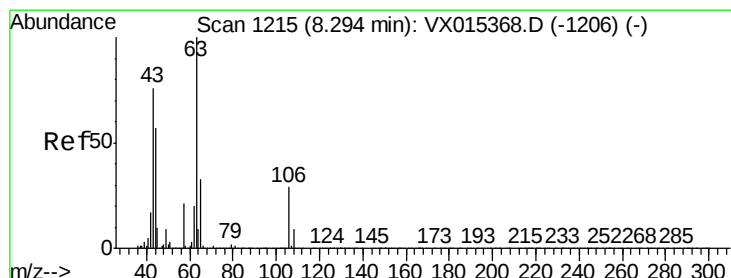
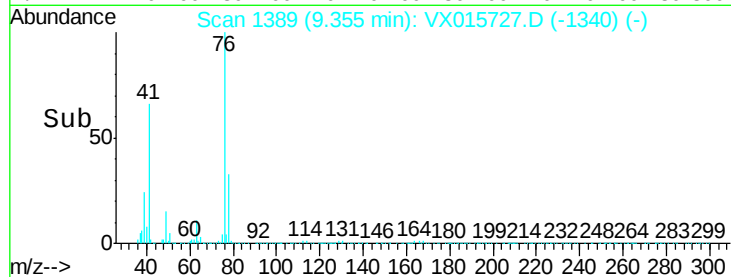
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 231.327 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015727.D

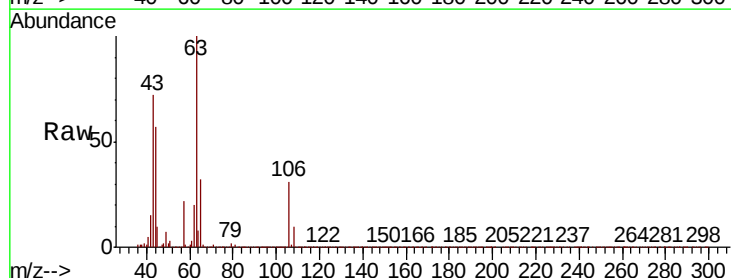
Acq: 16 Apr 2020 20:54

Tgt Ion: 63 Resp: 2097812

Ion Ratio Lower Upper

63 100

106 29.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

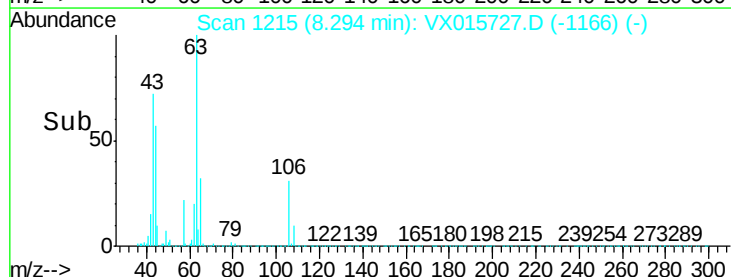
1500000

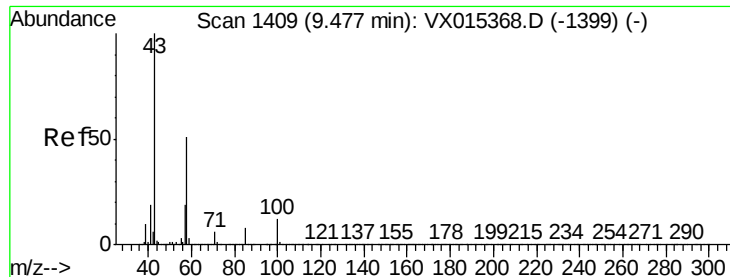
1000000

500000

0

Time-->

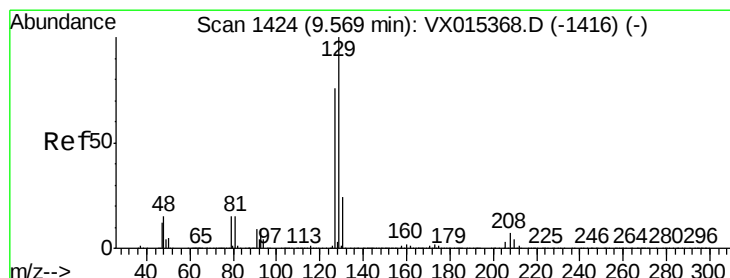
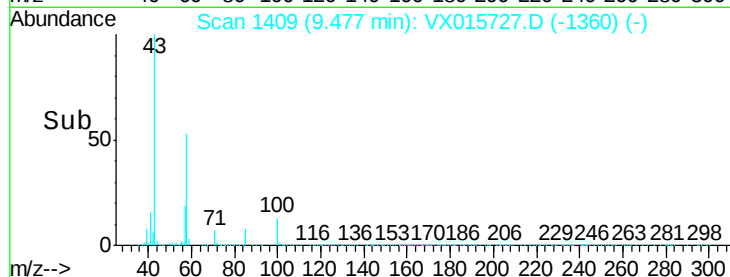
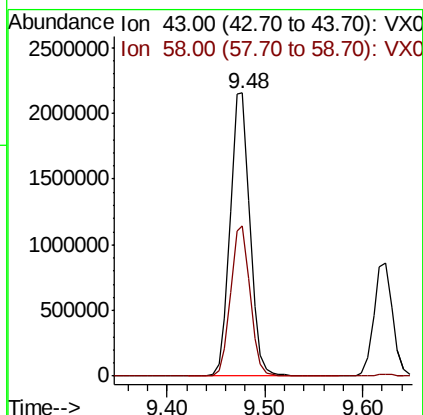
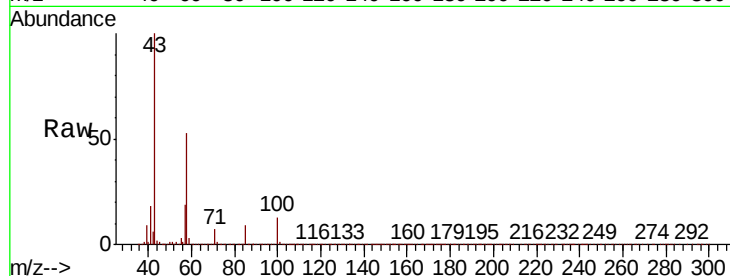




#59
2-Hexanone
Concen: 224.302 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

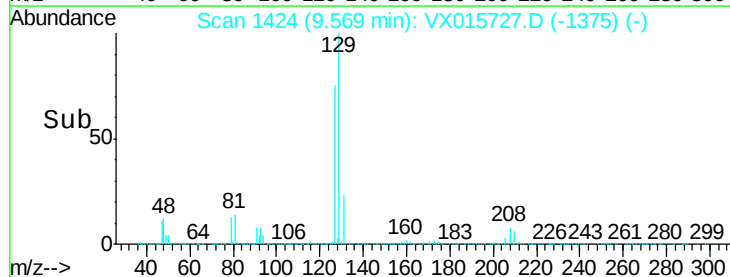
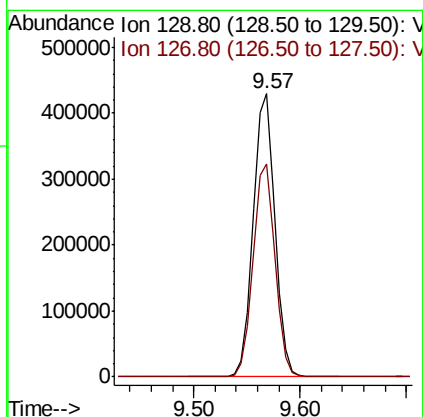
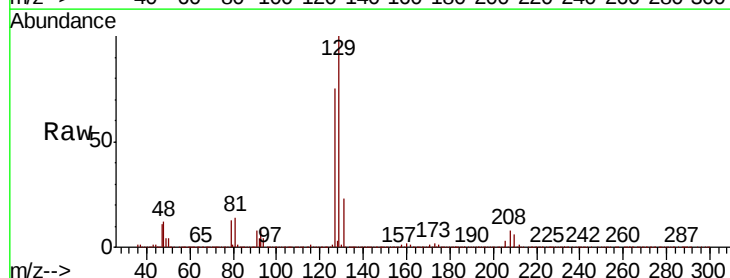
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

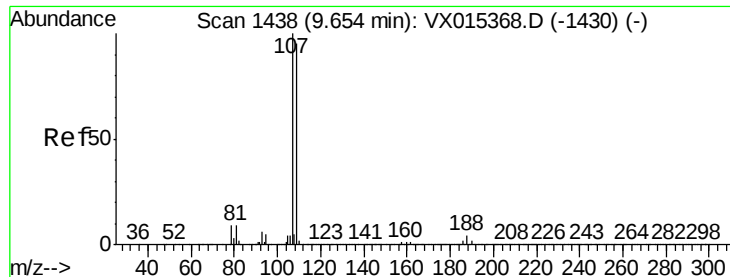
Tot Ion: 43 Resp: 3016010
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6



#60
Dibromochloromethane
Concen: 48.450 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 129 Resp: 615895
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

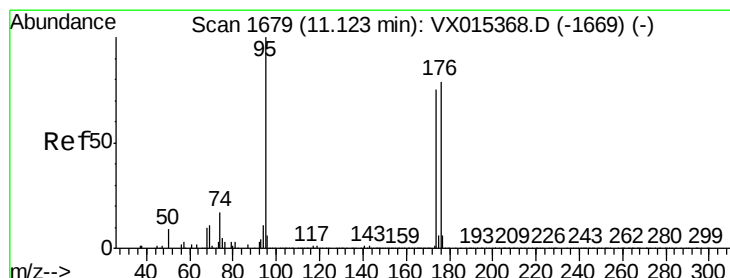
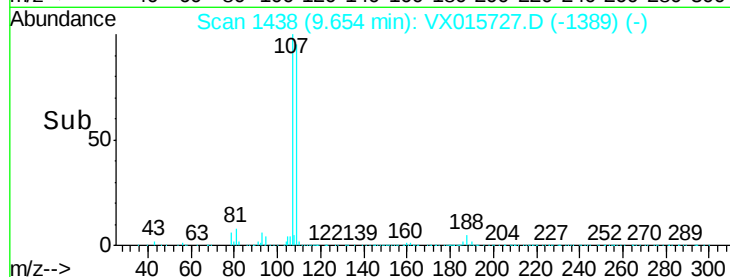
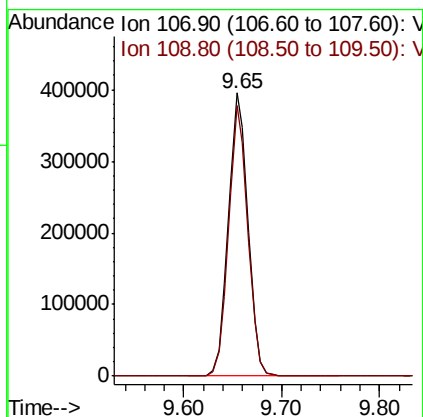
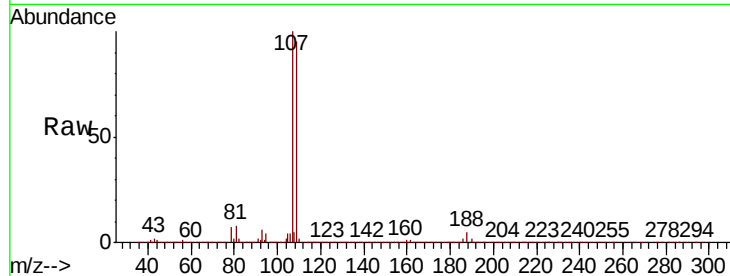




#61
 1,2-Dibromoethane
 Concen: 47.599 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

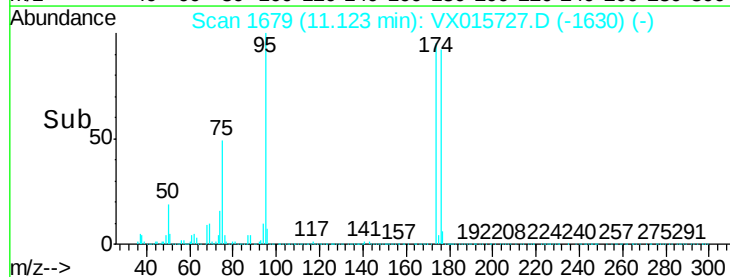
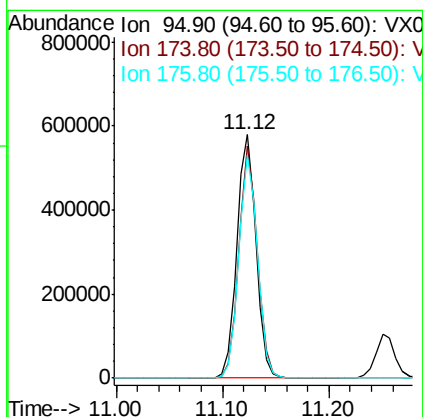
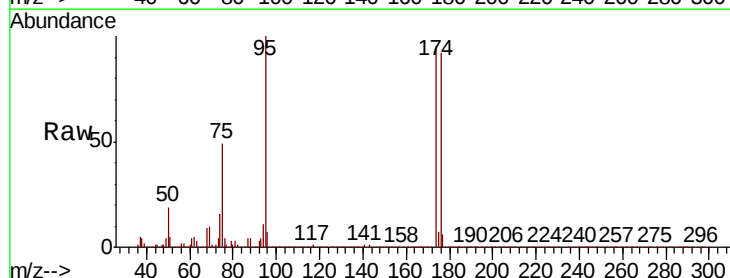
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

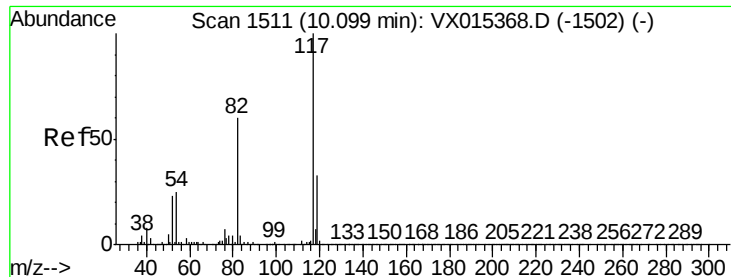
Tot Ion:107 Resp: 547528
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.398 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion: 95 Resp: 733156
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 158.6
 176 90.0 0.0 159.0

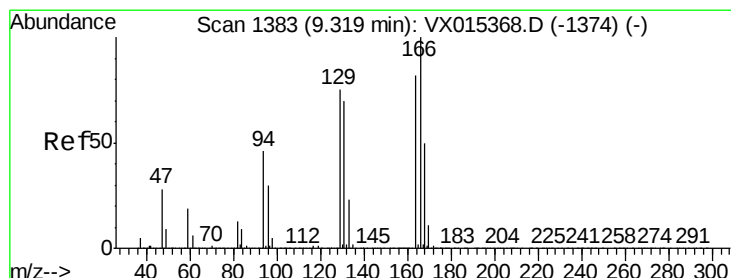
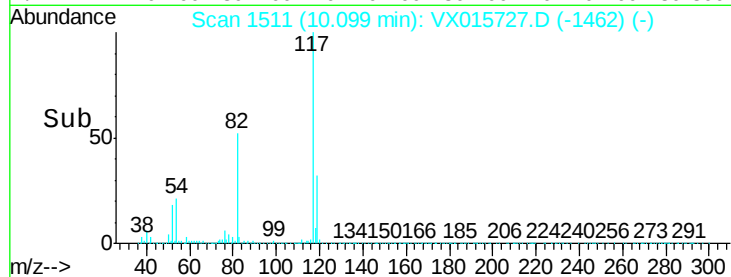
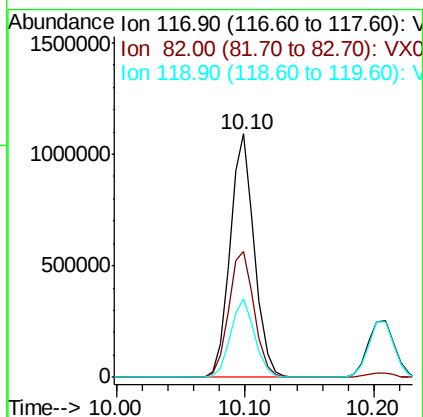
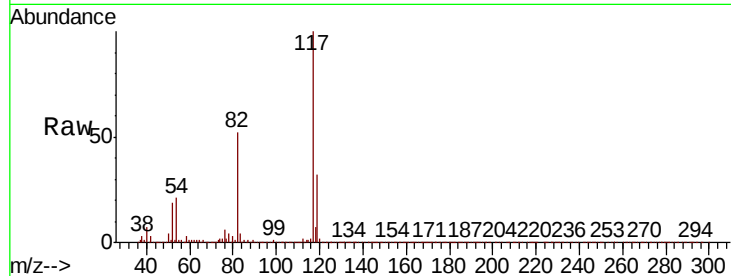




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

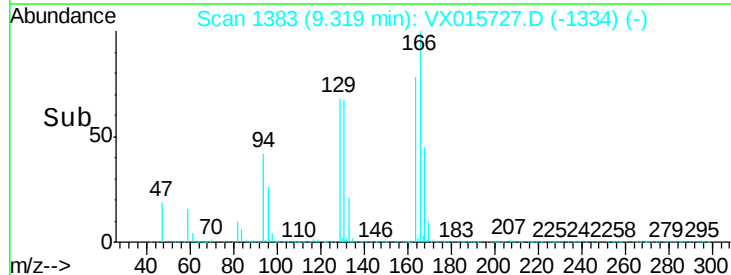
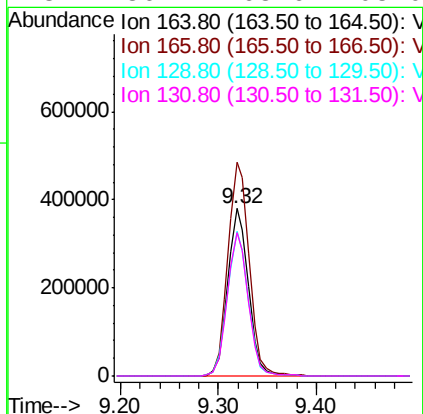
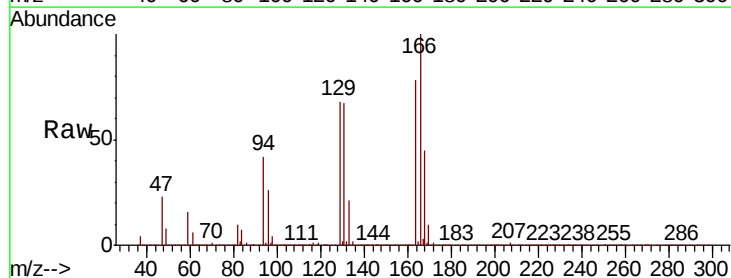
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

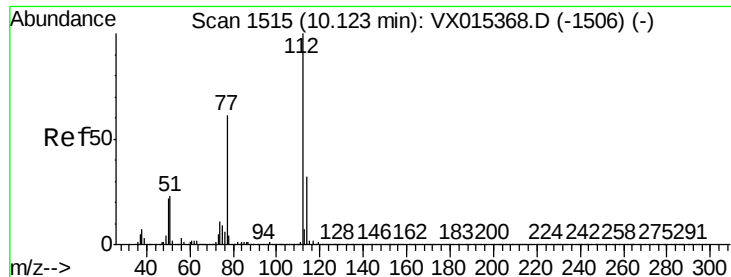
Tot Ion:117 Resp: 1427872
Ion Ratio Lower Upper
117 100
82 51.9 47.8 71.8
119 32.4 26.8 40.2



#64
Tetrachloroethene
Concen: 51.818 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:164 Resp: 558380
Ion Ratio Lower Upper
164 100
166 127.7 97.8 146.6
129 86.5 73.0 109.4
131 86.1 68.6 103.0





#65

Chlorobenzene

Concen: 48.934 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

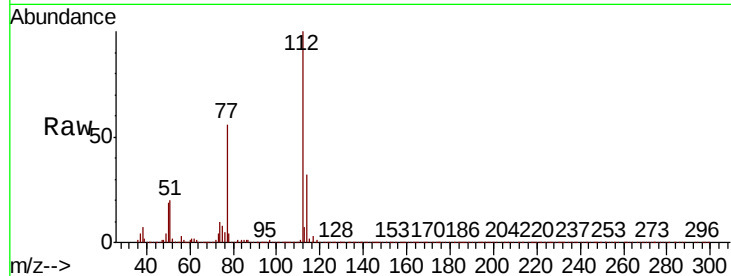
SS042MW032-200413MSD

Tot Ion:112 Resp: 1393458

Ion Ratio Lower Upper

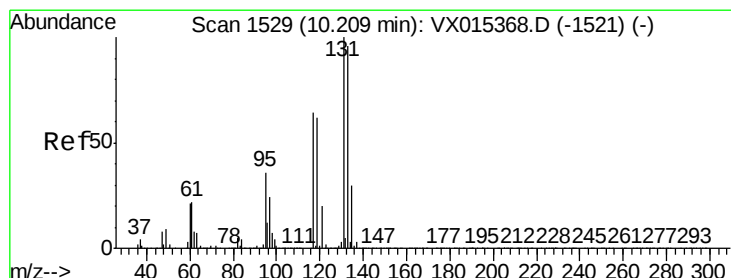
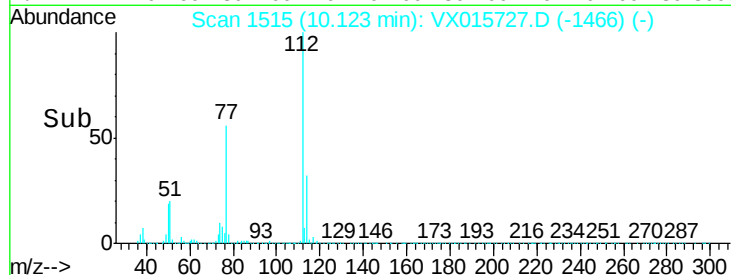
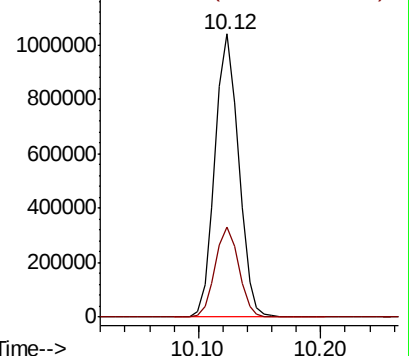
112 100

114 31.9 25.5 38.3



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: 48.213 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

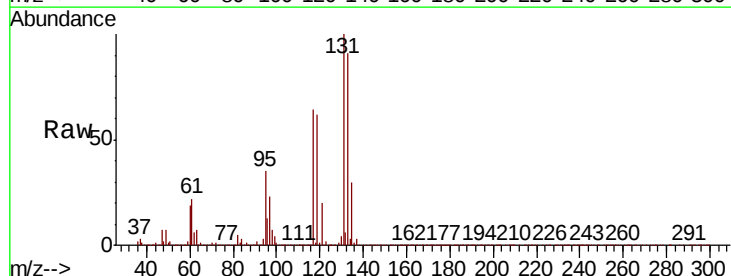
Tgt Ion:131 Resp: 548488

Ion Ratio Lower Upper

131 100

133 94.3 47.6 142.9

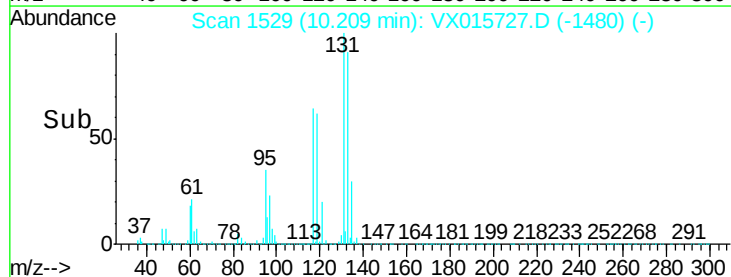
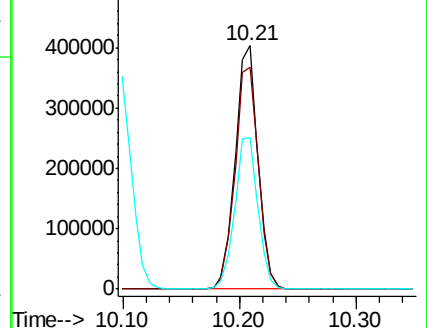
119 63.5 31.1 93.3

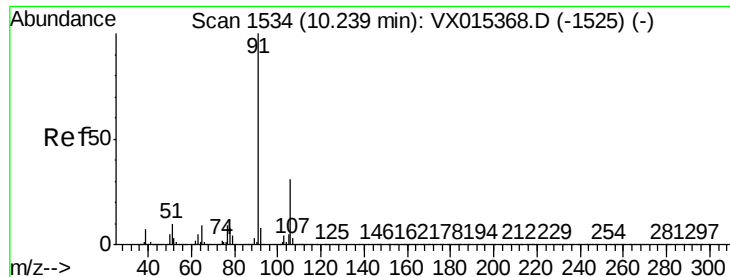


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.159 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

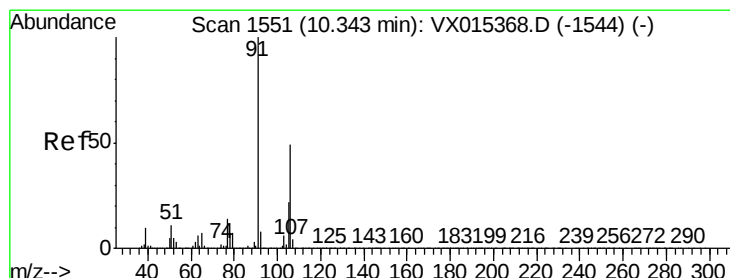
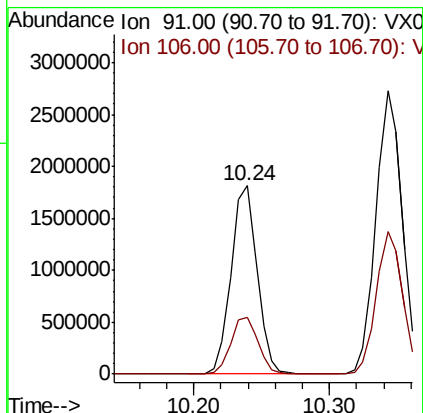
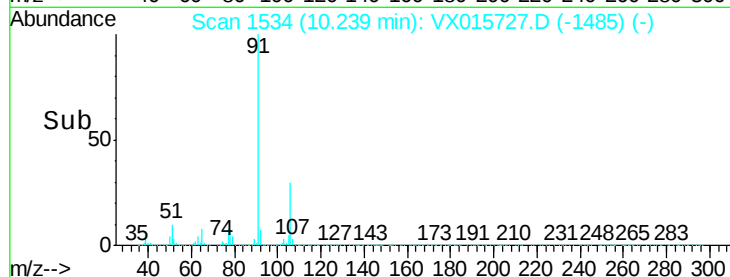
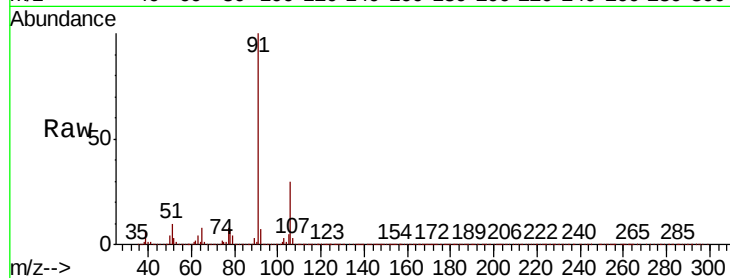
SS042MW032-200413MSD

Tot Ion: 91 Resp: 2432262

Ion Ratio Lower Upper

91 100

106 30.0 24.8 37.2



#68

m/p-Xylenes

Concen: 98.619 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015727.D

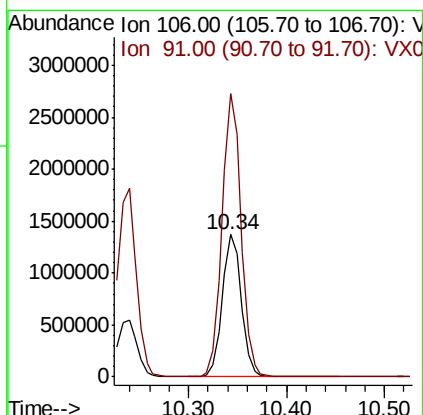
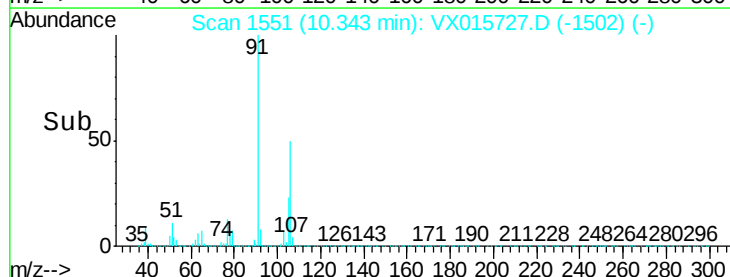
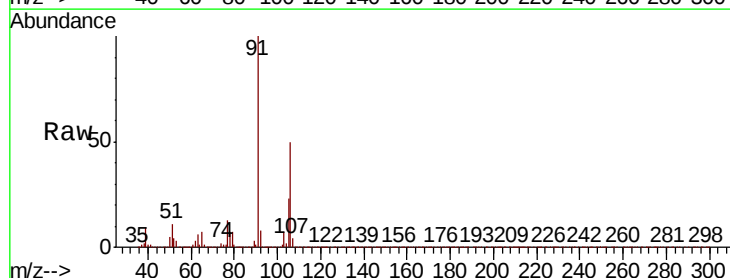
Acq: 16 Apr 2020 20:54

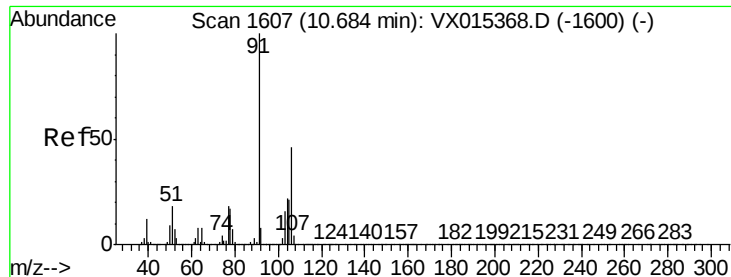
Tgt Ion: 106 Resp: 1854665

Ion Ratio Lower Upper

106 100

91 198.9 163.4 245.0

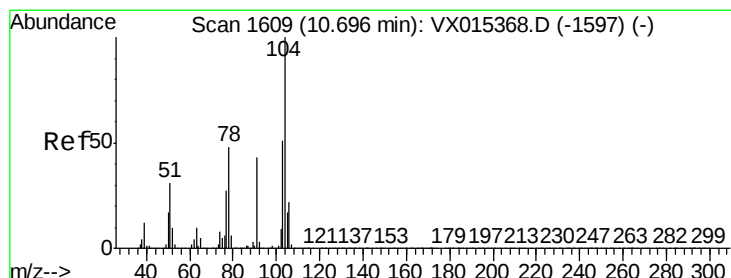
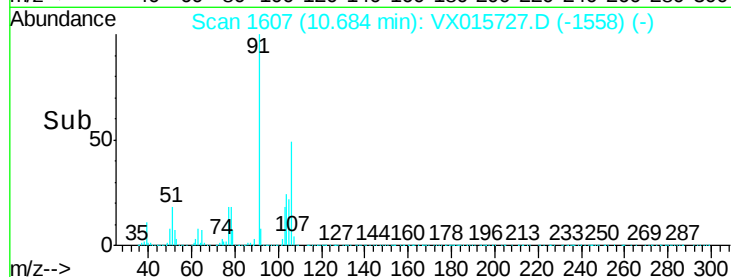
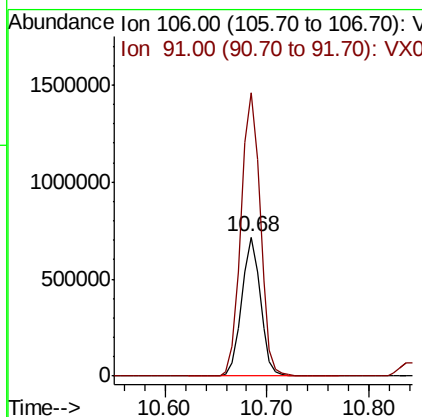
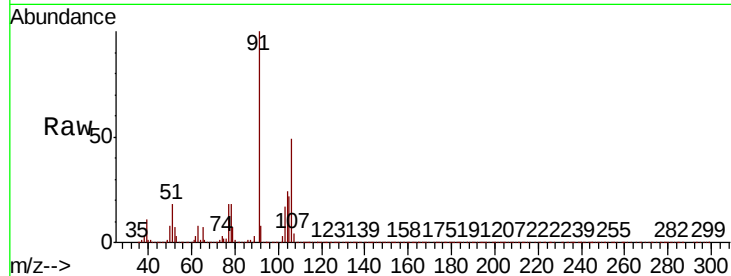




#69
o-Xylene
Concen: 48.648 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

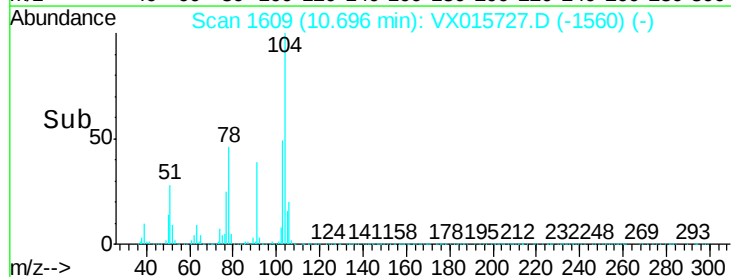
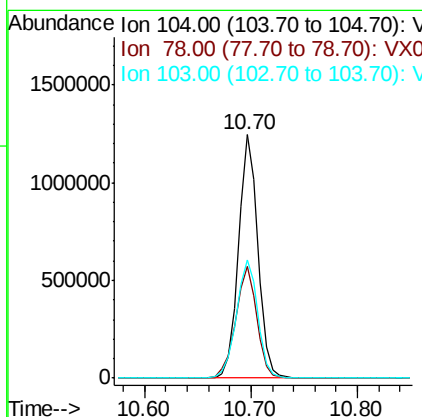
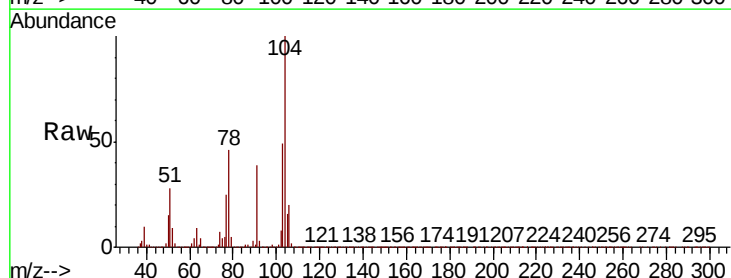
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

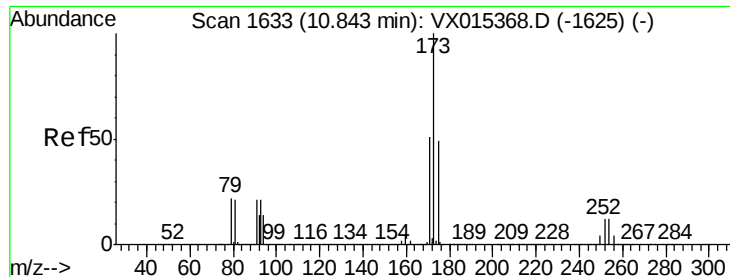
Tot Ion:106 Resp: 904064
Ion Ratio Lower Upper
106 100
91 209.7 107.1 321.3



#70
Styrene
Concen: 48.820 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:104 Resp: 1596497
Ion Ratio Lower Upper
104 100
78 49.9 42.0 63.0
103 53.6 43.4 65.0

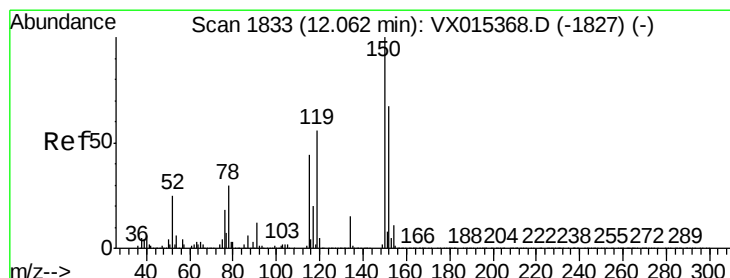
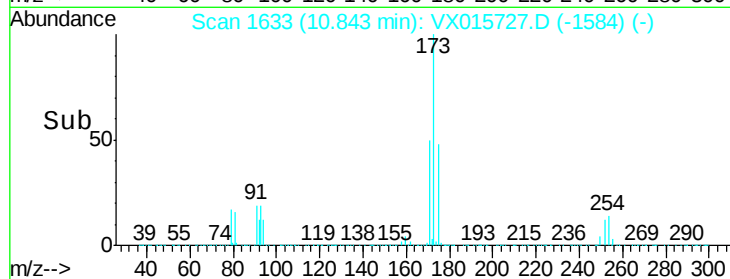
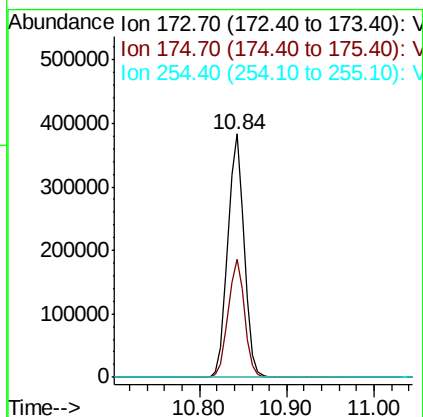
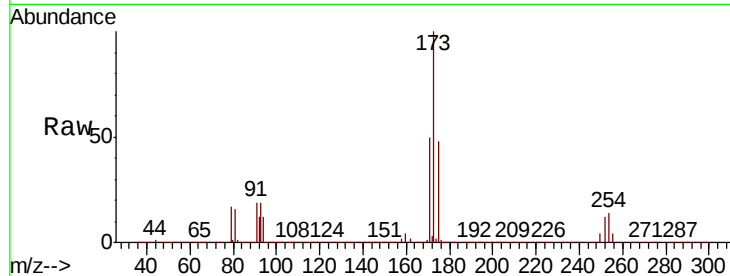




#71
Bromoform
Concen: 48.076 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

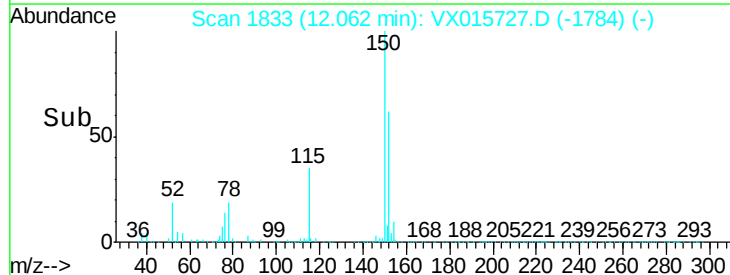
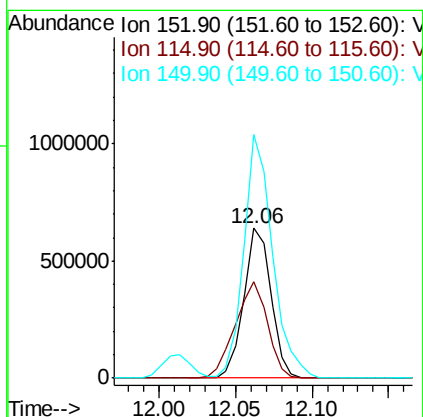
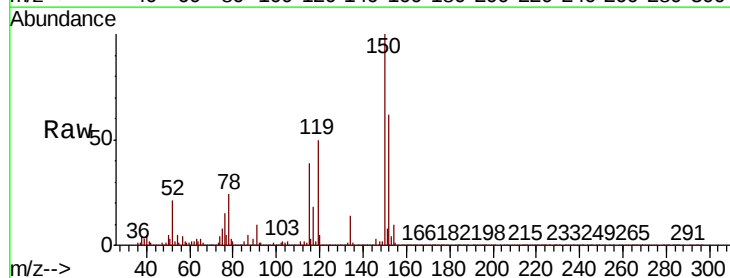
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

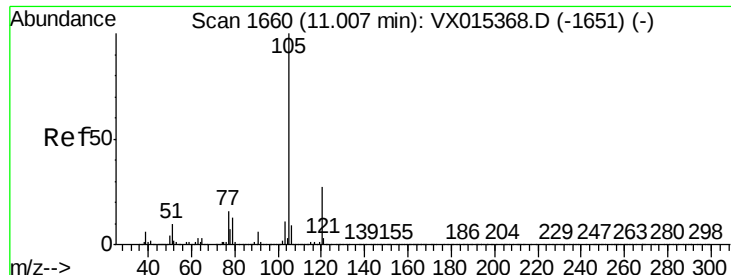
Tot Ion:173 Resp: 497896
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:152 Resp: 791335
Ion Ratio Lower Upper
152 100
115 75.8 39.0 116.9
150 170.7 0.0 340.8





#73

Isopropylbenzene

Concen: 47.240 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

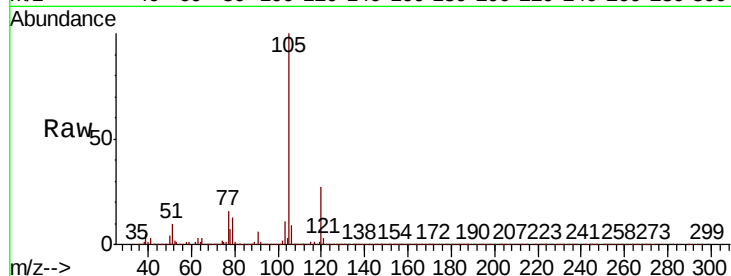
SS042MW032-200413MSD

Tot Ion:105 Resp: 2449397

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

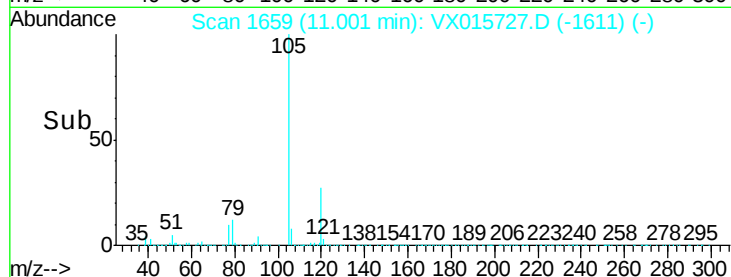
500000

0

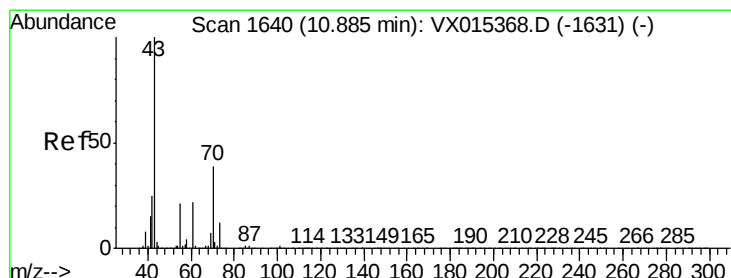
11.00

10.90

11.10



Time-->



#74

N-ethyl acetate

Concen: 40.421 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion: 43 Resp: 1165664

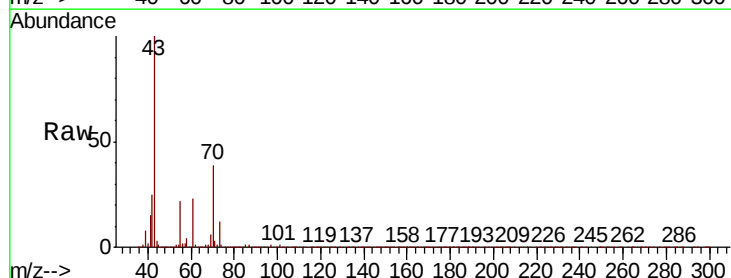
Ion Ratio Lower Upper

43 100

70 40.5 30.2 45.4

55 22.5 16.8 25.2

61 23.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

1000000

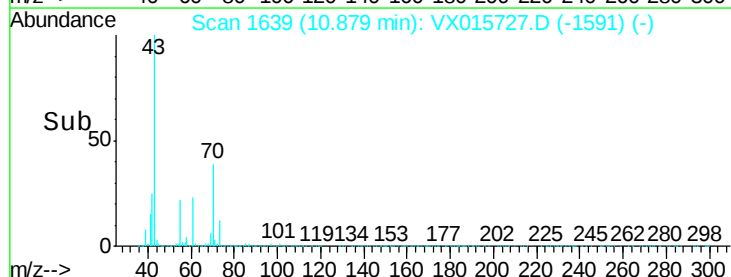
500000

0

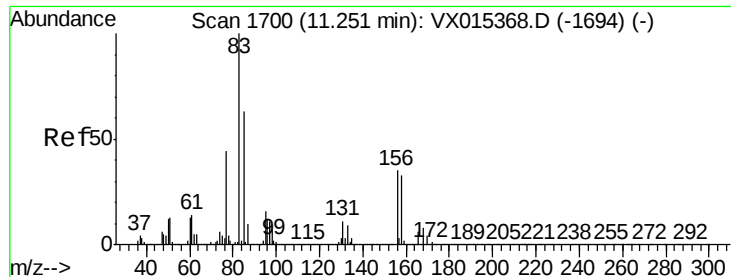
10.88

10.80

11.00



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 44.038 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

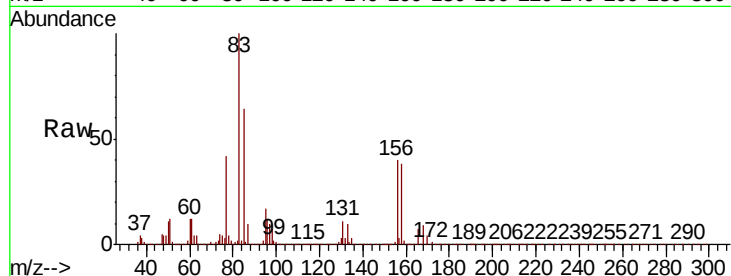
Tot Ion: 83 Resp: 783503

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

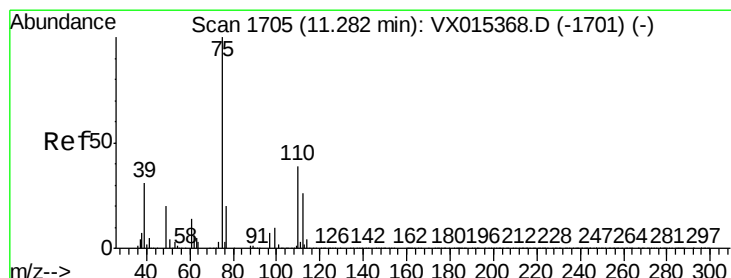
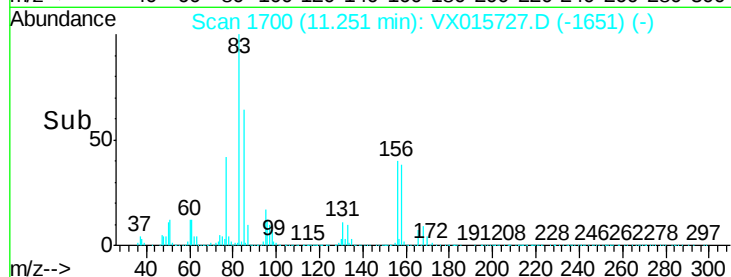
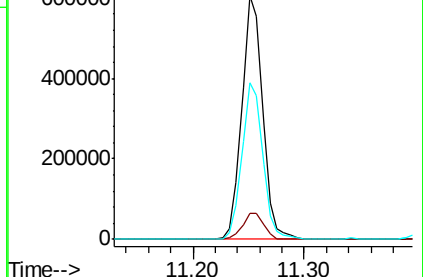
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.926 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015727.D

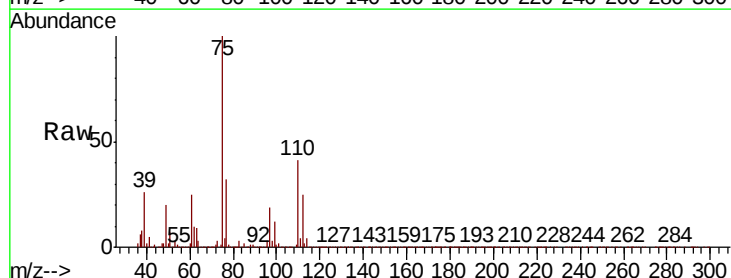
Acq: 16 Apr 2020 20:54

Tgt Ion: 75 Resp: 910093

Ion Ratio Lower Upper

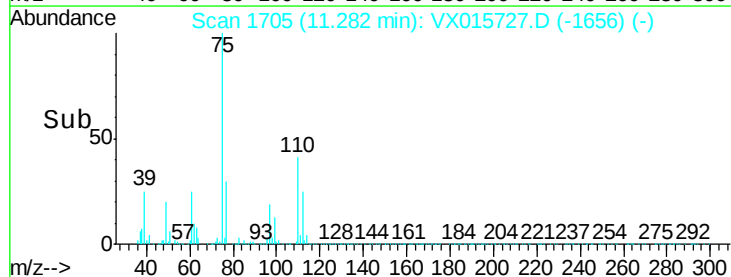
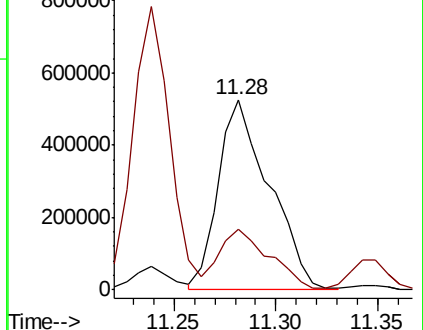
75 100

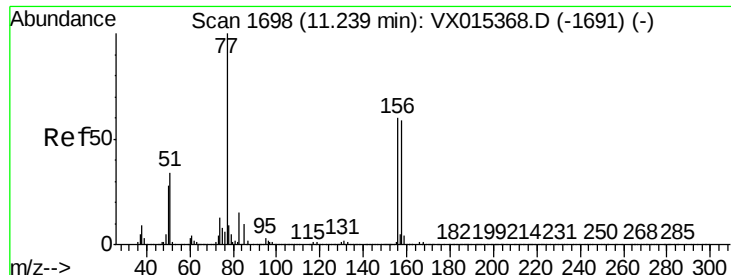
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.050 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

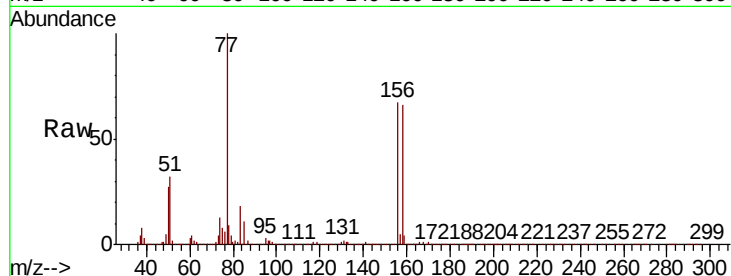
Tot Ion:156 Resp: 678379

Ion Ratio Lower Upper

156 100

77 145.1 82.2 246.5

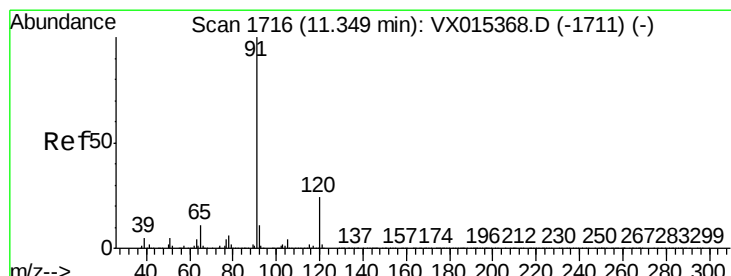
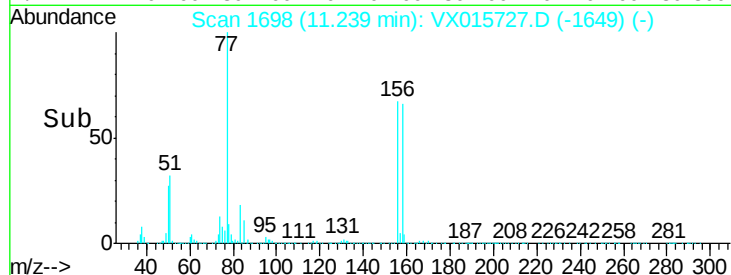
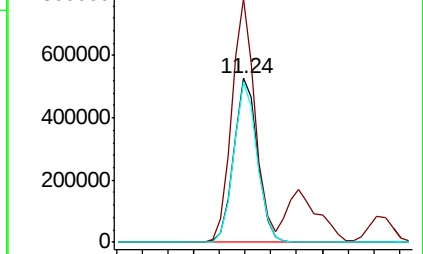
158 96.3 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.286 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015727.D

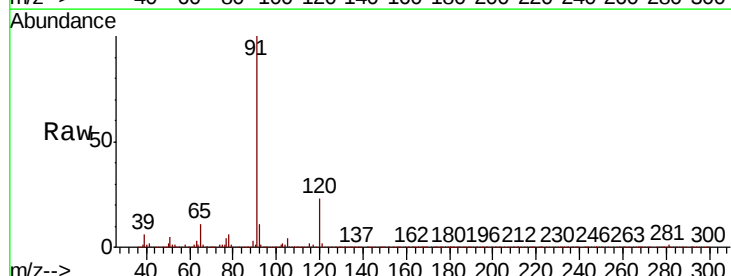
Acq: 16 Apr 2020 20:54

Tgt Ion: 91 Resp: 2744237

Ion Ratio Lower Upper

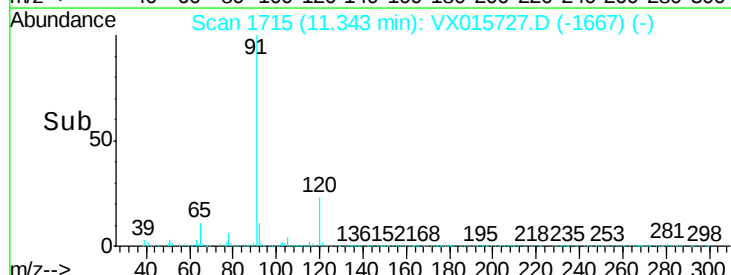
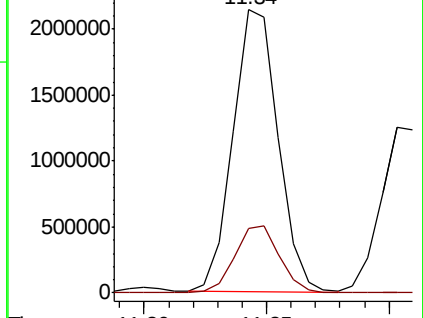
91 100

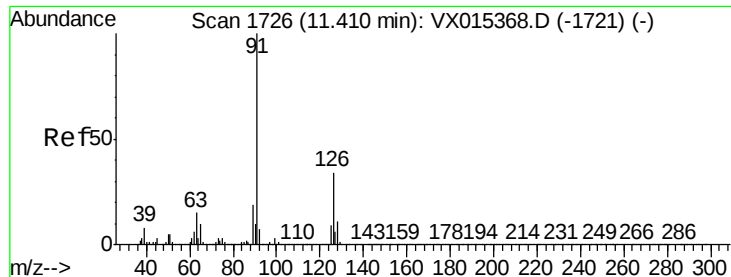
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

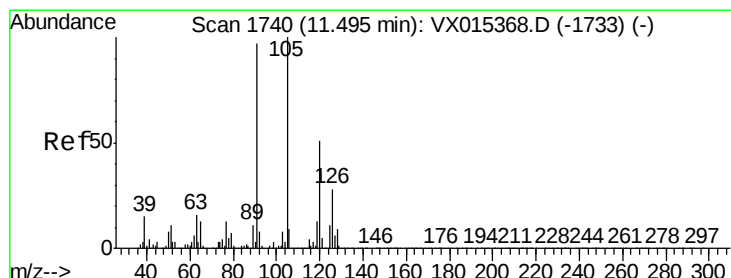
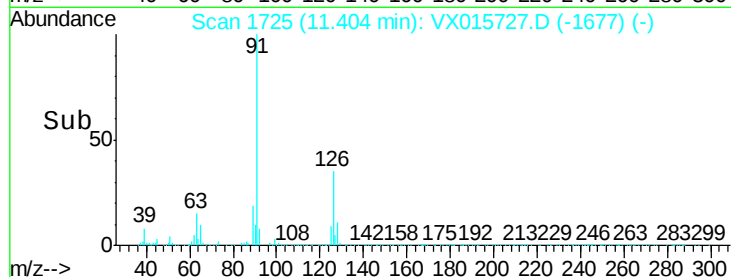
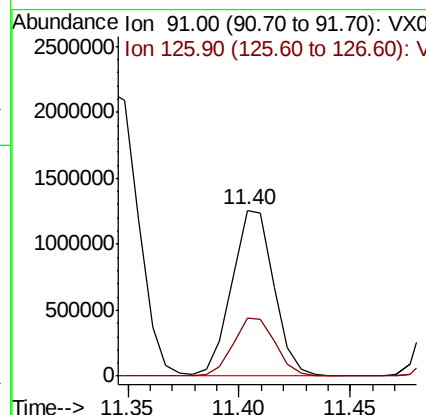
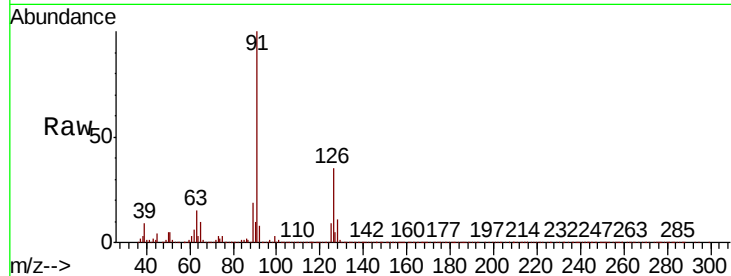




#79
2-Chlorotoluene
Concen: 45.395 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

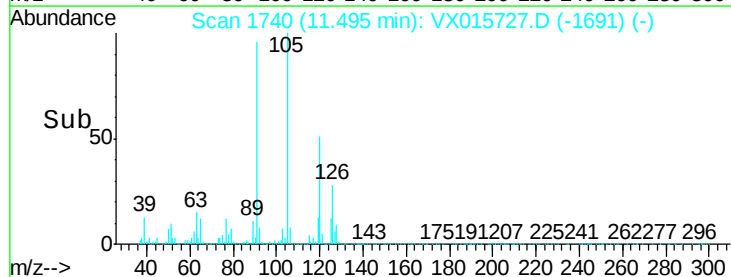
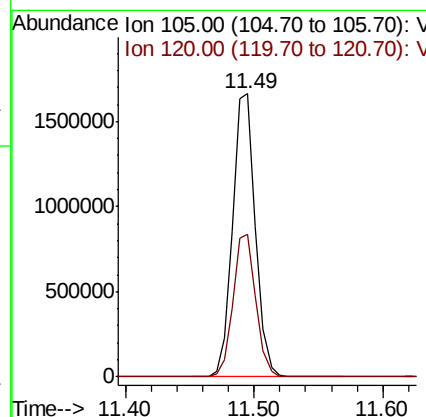
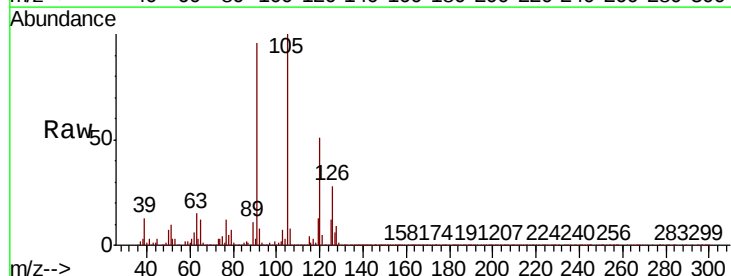
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

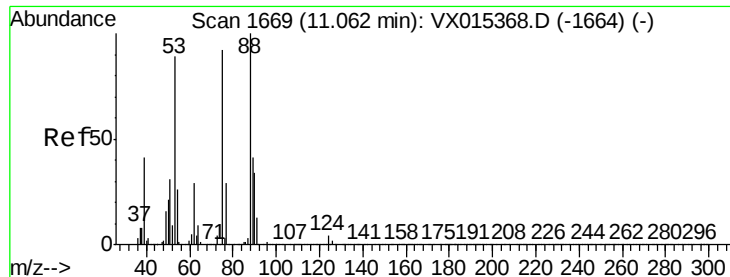
Tot Ion: 91 Resp: 1649654
Ion Ratio Lower Upper
91 100
126 35.3 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 46.708 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:105 Resp: 2068281
Ion Ratio Lower Upper
105 100
120 50.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 37.383 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

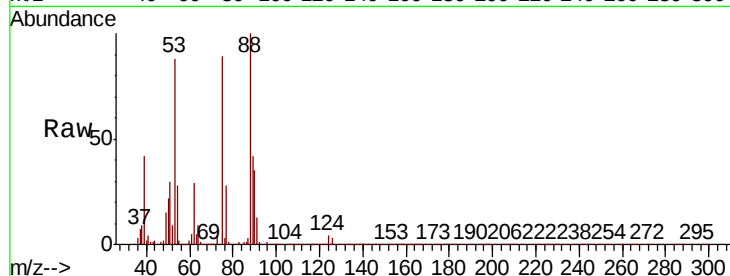
Tot Ion: 75 Resp: 253530

Ion Ratio Lower Upper

75 100

53 99.9 80.1 120.1

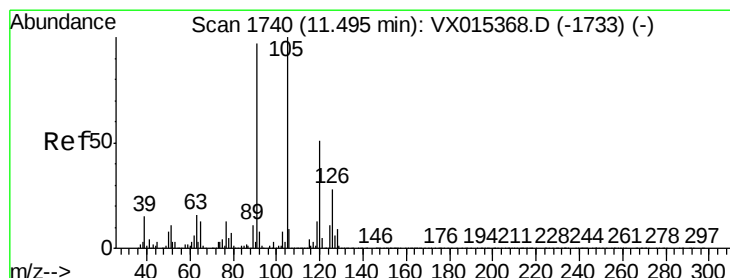
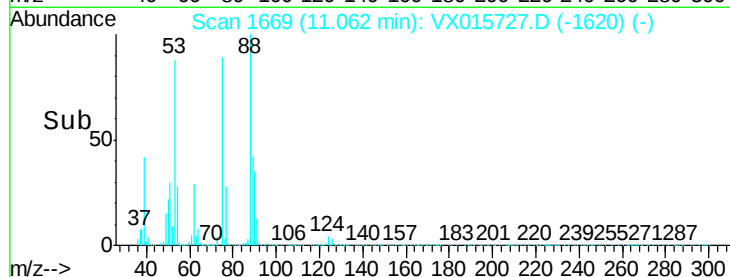
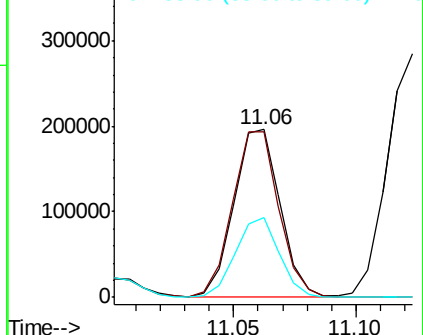
89 46.0 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.270 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015727.D

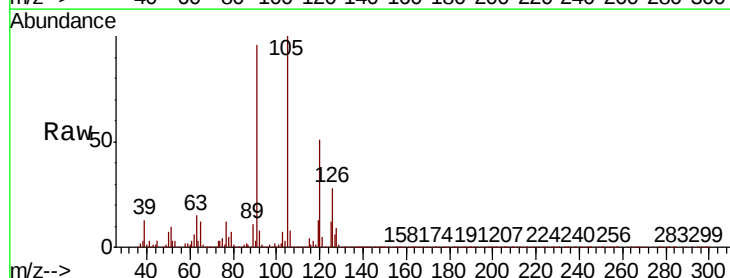
Acq: 16 Apr 2020 20:54

Tgt Ion: 91 Resp: 1928567

Ion Ratio Lower Upper

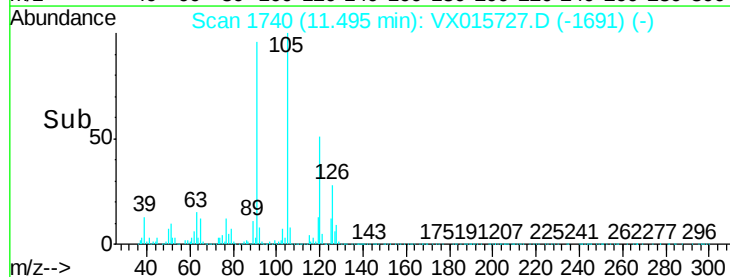
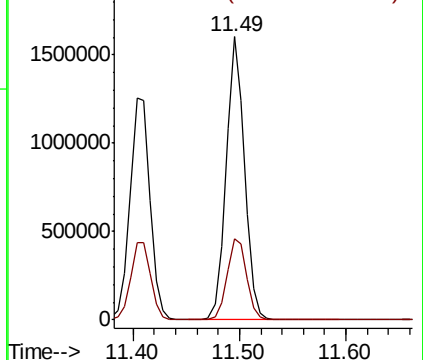
91 100

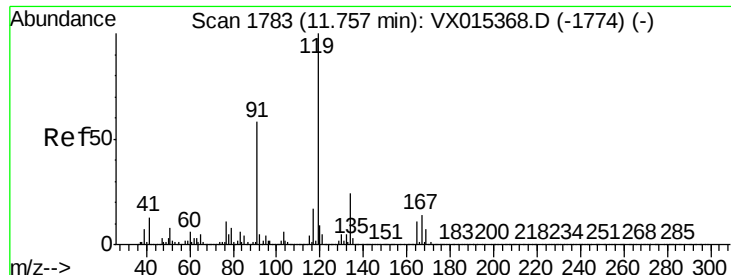
126 30.5 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

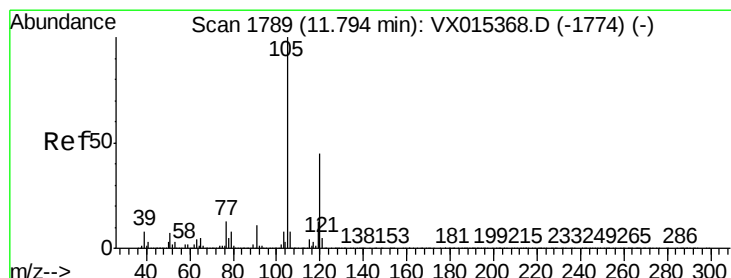
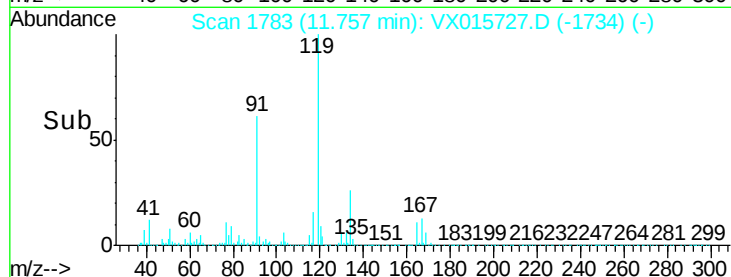
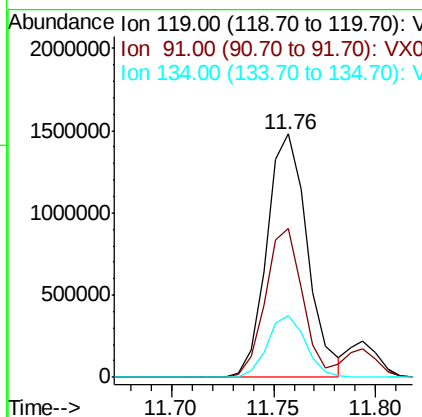
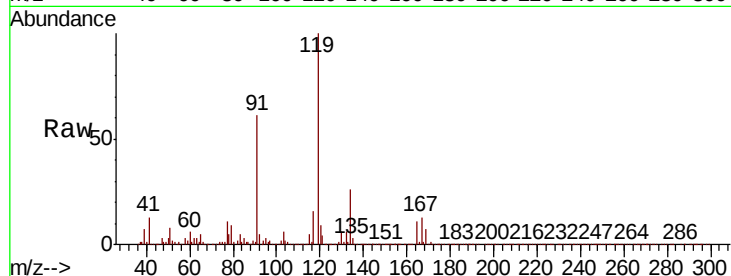




#83
tert-Butylbenzene
Concen: 47.446 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

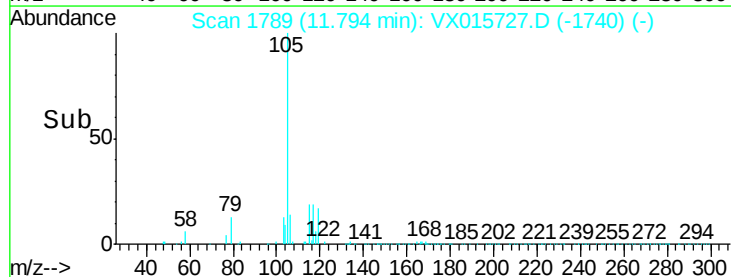
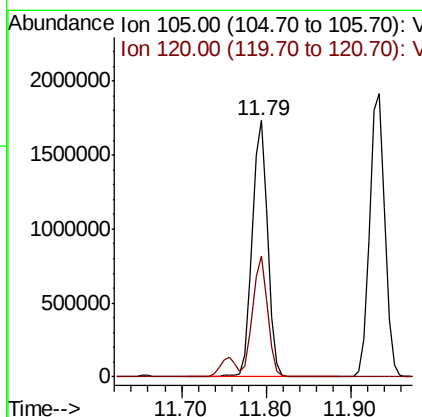
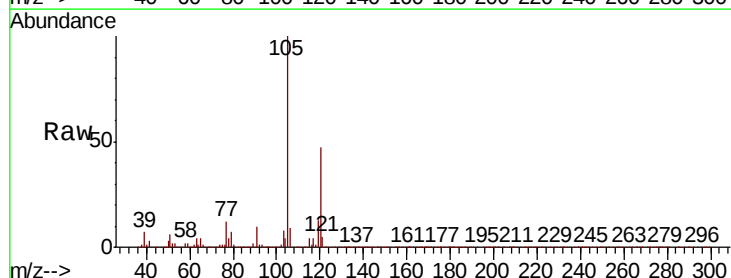
Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

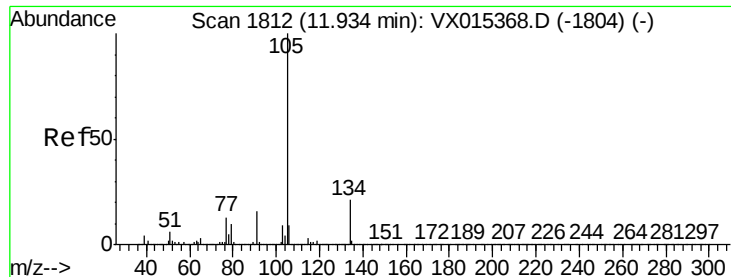
Tot Ion:119 Resp: 2052195
Ion Ratio Lower Upper
119 100
91 55.8 28.6 85.8
134 23.8 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 46.719 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:105 Resp: 2108176
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.015 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

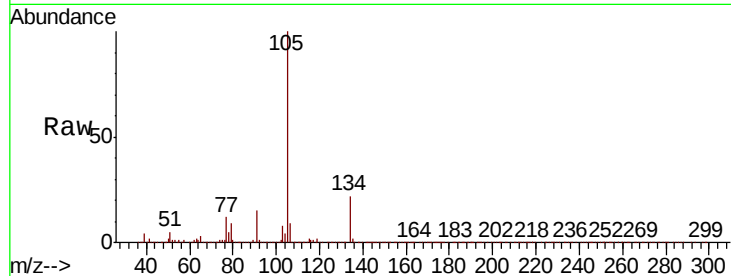
SS042MW032-200413MSD

Tot Ion:105 Resp: 2401905

Ion Ratio Lower Upper

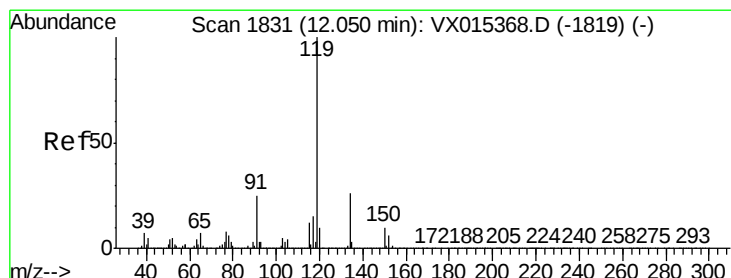
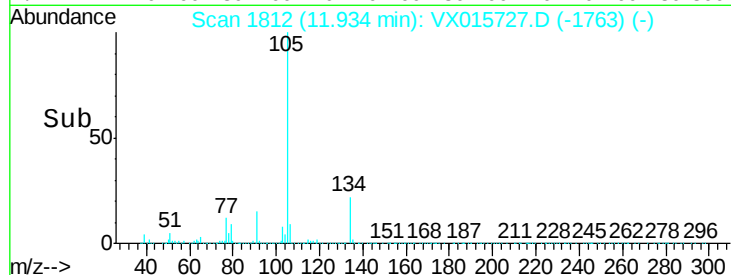
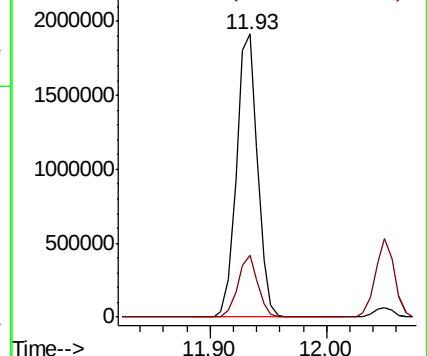
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.803 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

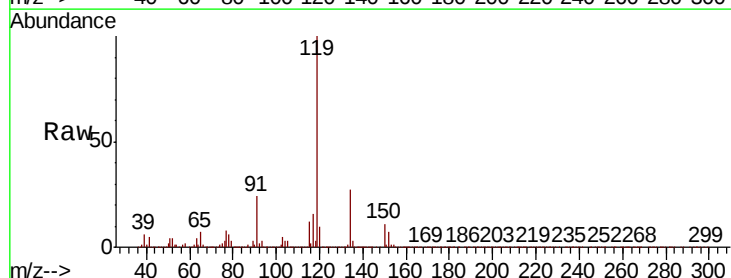
Tgt Ion:119 Resp: 2266420

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

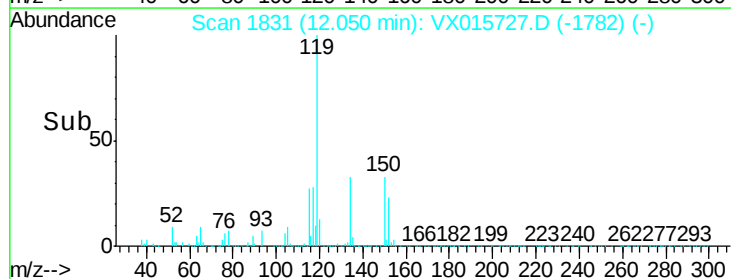
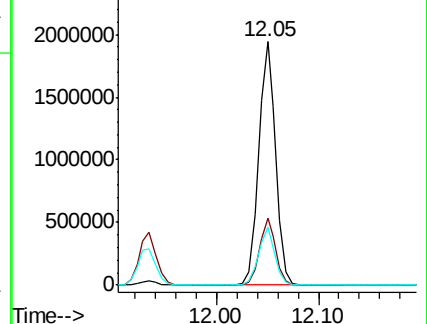
91 22.8 12.4 37.4

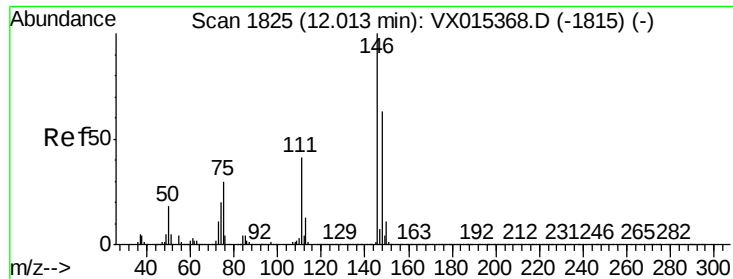


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

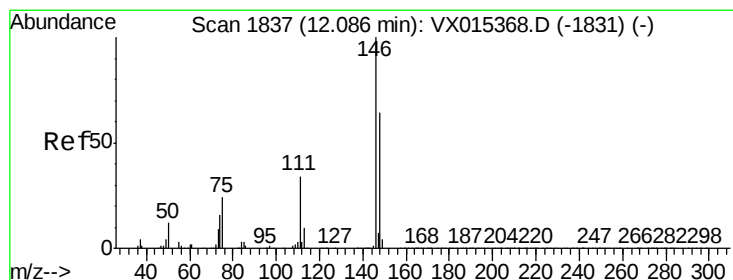
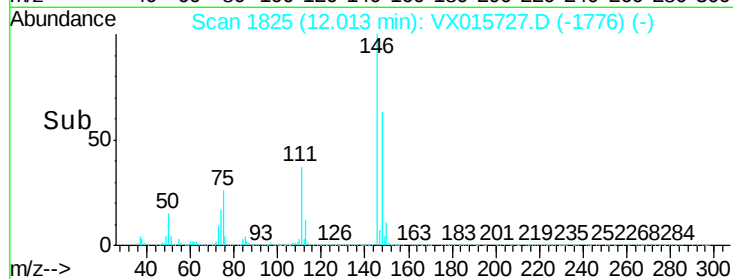
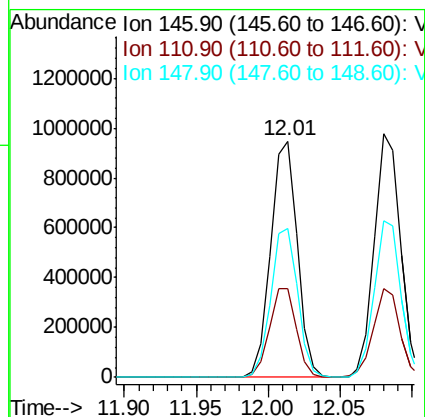
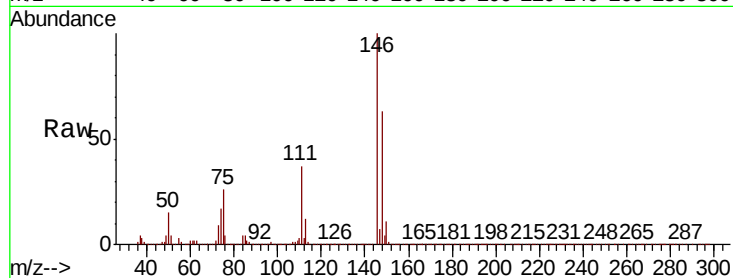




#87
 1,3-Dichlorobenzene
 Concen: 48.942 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

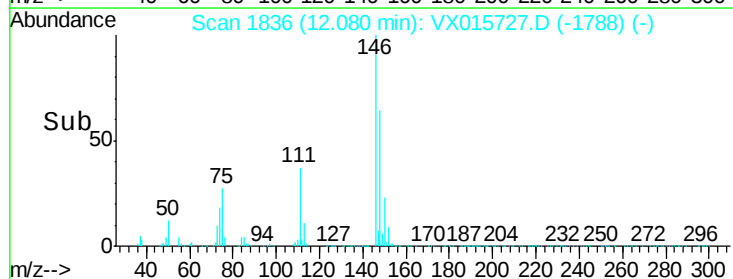
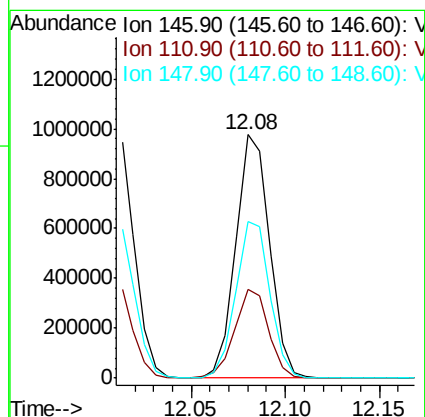
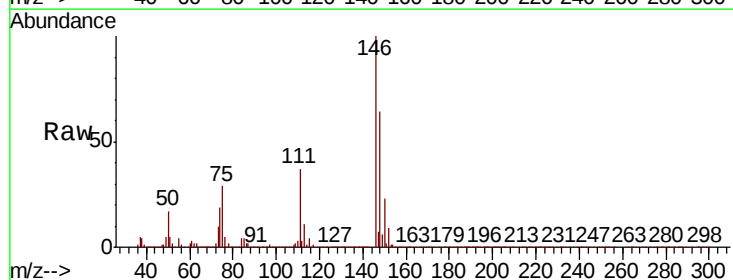
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

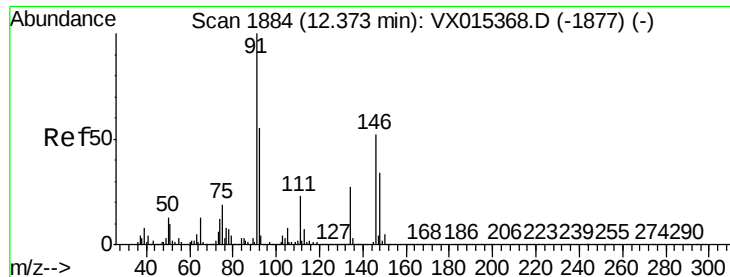
Tot Ion:146 Resp: 1211760
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.3 60.9
 148 63.5 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 48.027 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion:146 Resp: 1211207
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.5
 148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 46.923 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

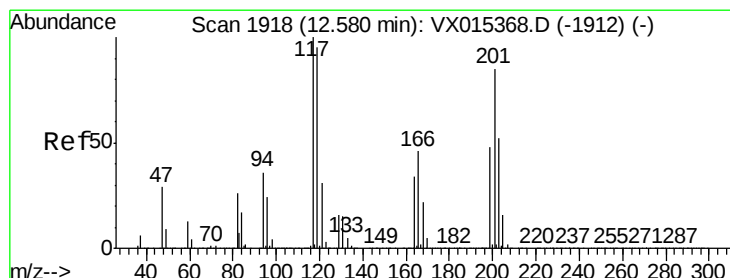
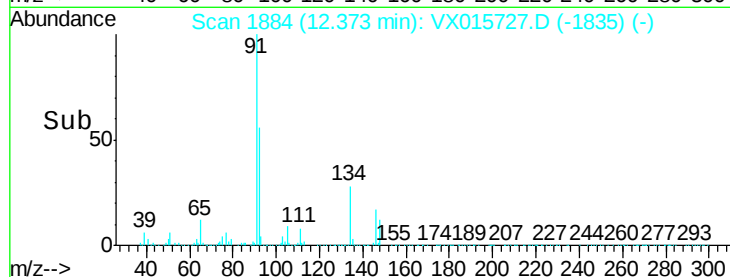
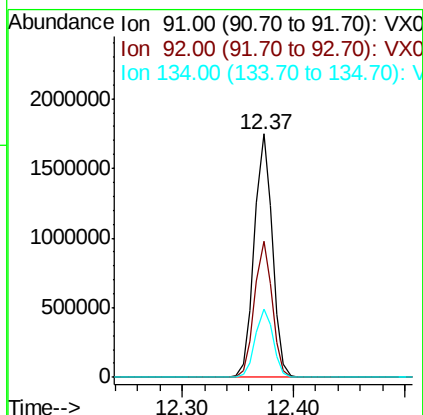
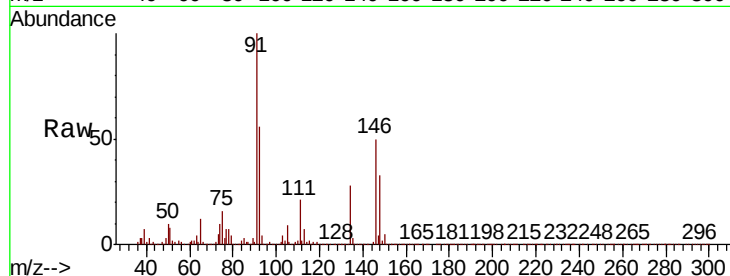
Tot Ion: 91 Resp: 1969198

Ion Ratio Lower Upper

91 100

92 55.2 27.2 81.5

134 28.1 13.4 40.2



#90

Hexachloroethane

Concen: 43.348 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015727.D

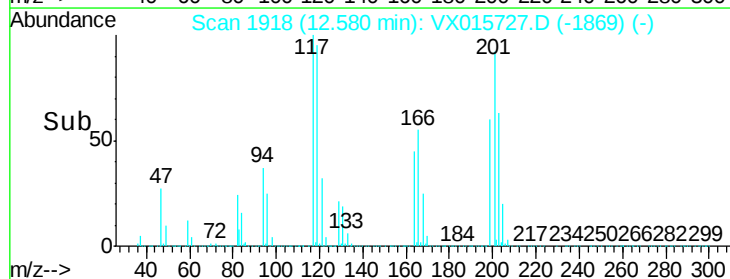
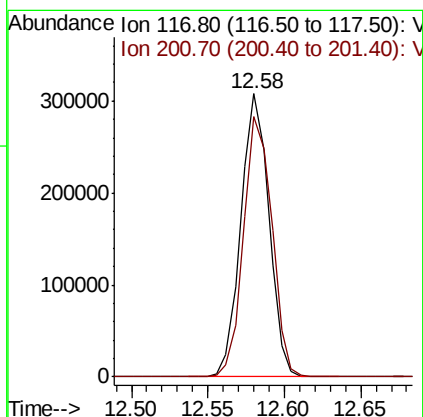
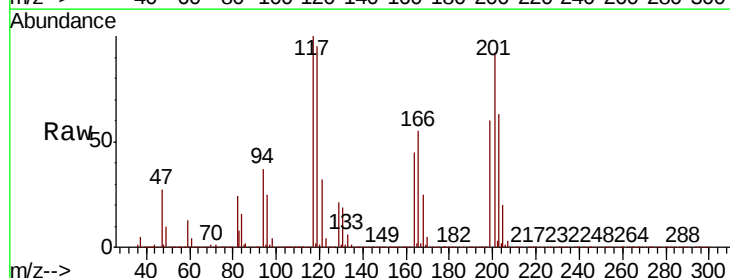
Acq: 16 Apr 2020 20:54

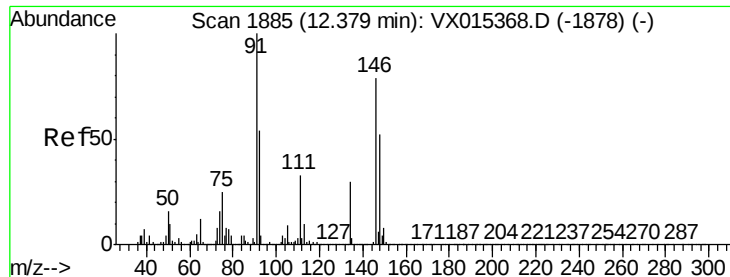
Tgt Ion: 117 Resp: 391817

Ion Ratio Lower Upper

117 100

201 93.4 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 48.965 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

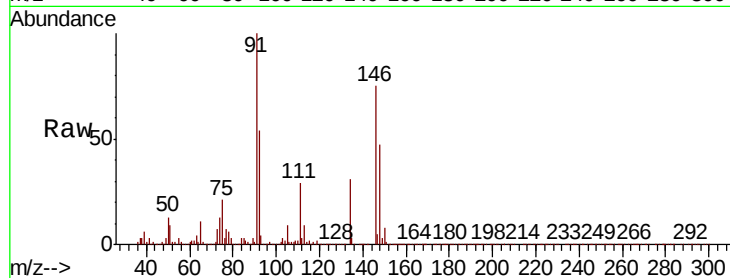
Tot Ion:146 Resp: 1186433

Ion Ratio Lower Upper

146 100

111 39.1 21.0 63.0

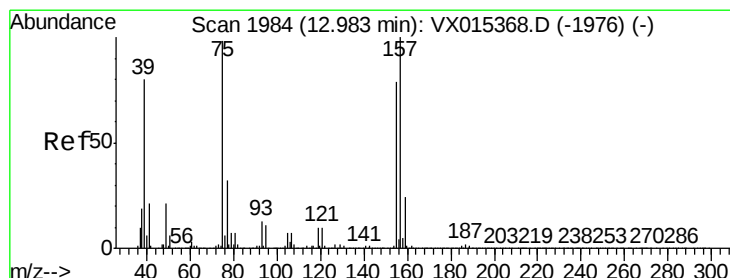
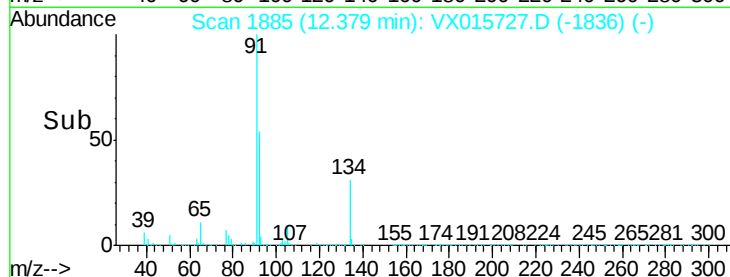
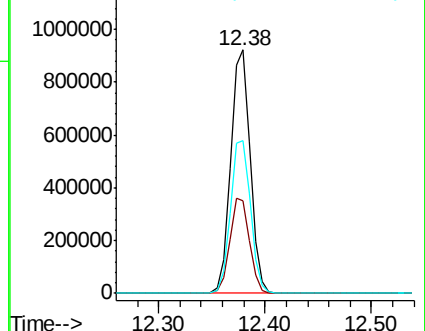
148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 37.378 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

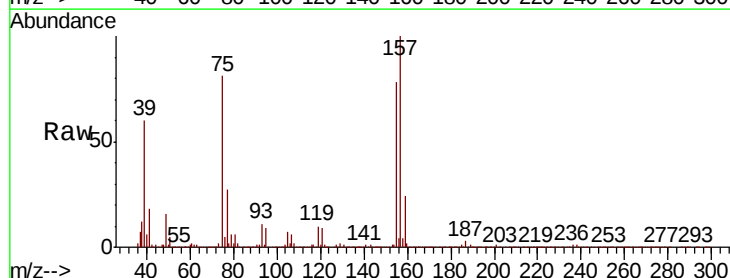
Tgt Ion: 75 Resp: 187695

Ion Ratio Lower Upper

75 100

155 96.4 42.8 128.4

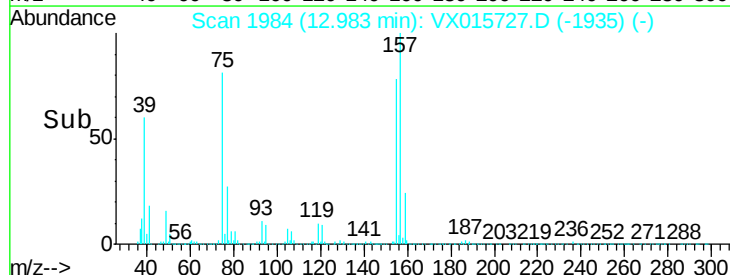
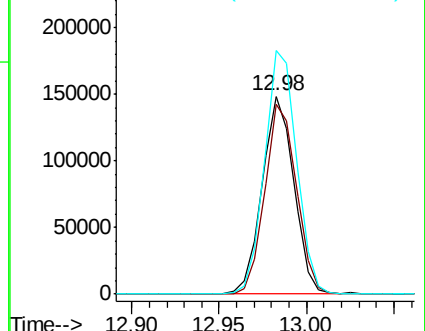
157 124.2 53.4 160.3

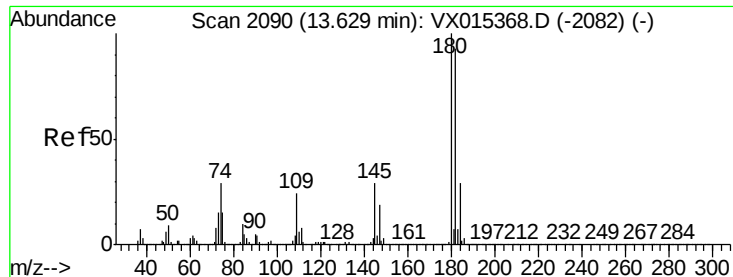


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

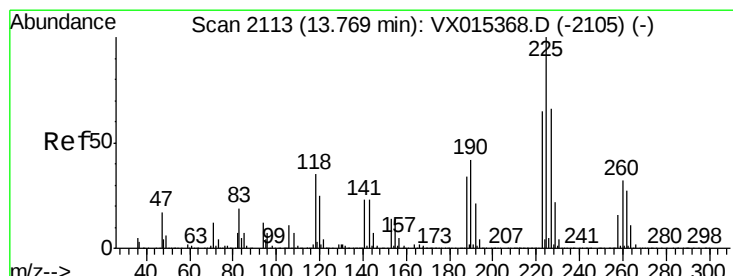
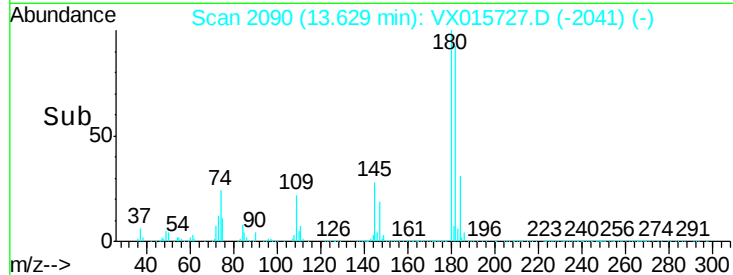
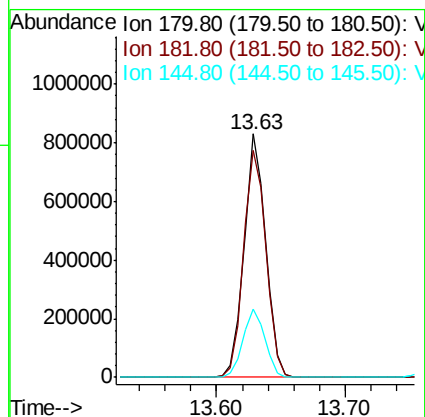
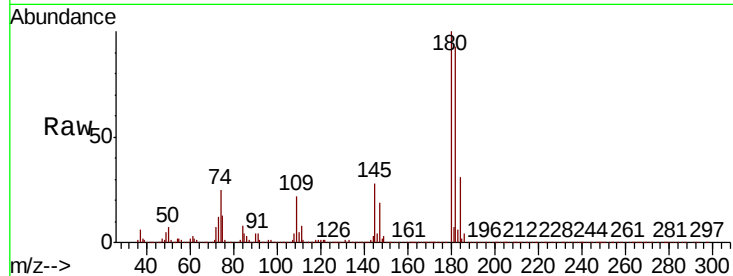




#93
 1,2,4-Trichlorobenzene
 Concen: 49.883 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

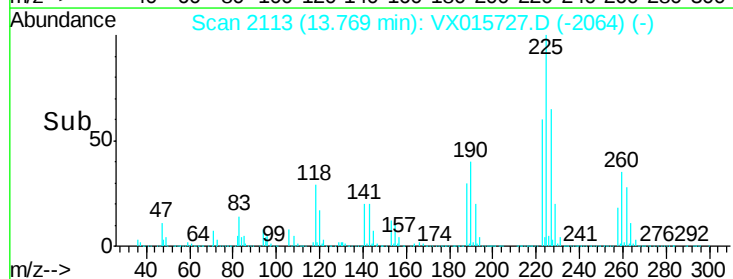
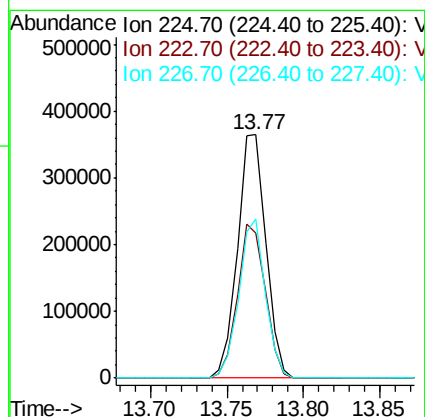
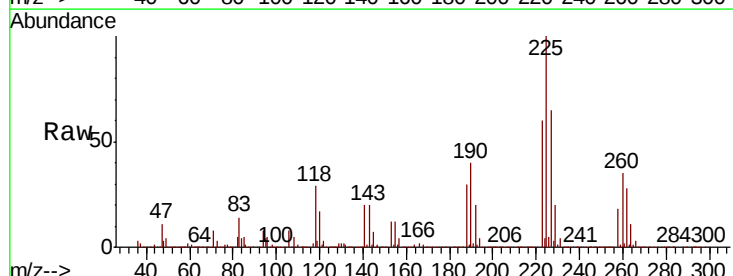
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Tot Ion:180 Resp: 956056
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.9 140.7
 145 28.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 51.290 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion:225 Resp: 468026
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.7
 227 61.3 30.4 91.3

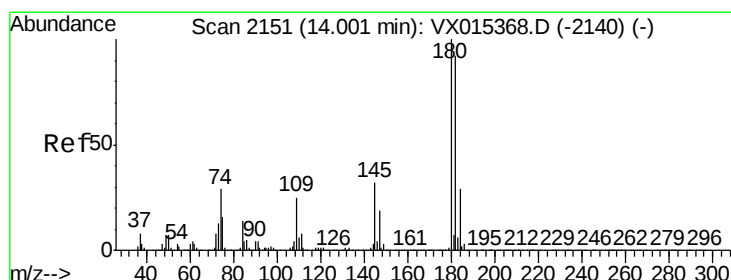
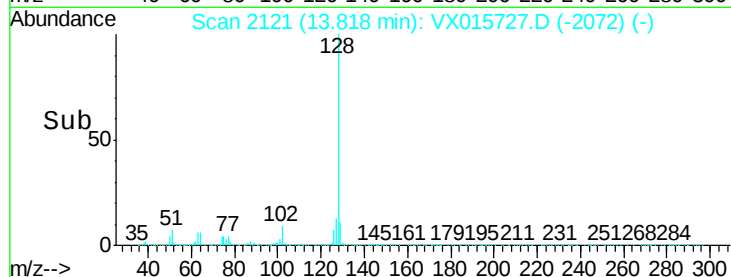
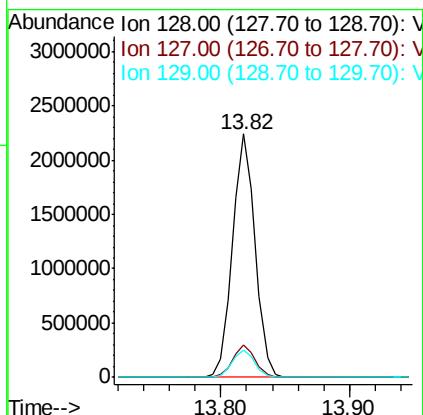
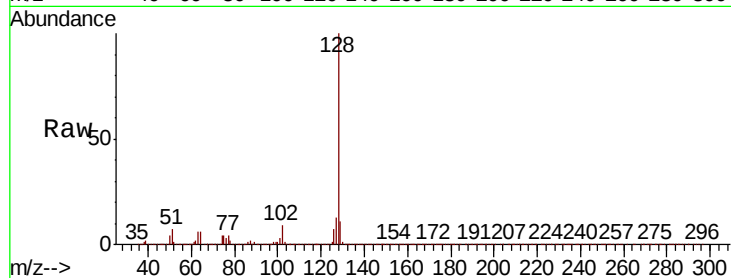




#95
Naphthalene
Concen: 47.086 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion:128 Resp: 2752770
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.268 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion:180 Resp: 946038
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.0
145 29.5 15.8 47.3

