

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016793.D
 Acq On : 16 Jun 2020 20:25
 Operator : JC/SP
 Sample : L2993-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

Quant Time: Jun 17 04:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208852	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	147804	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	5.46	113	124541	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	8.70	98	472848	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	184064	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	153788	50.292	ug/l	99
3) Chloromethane	1.31	50	146544	49.598	ug/l	99
4) Vinyl Chloride	1.39	62	186674	59.210	ug/l	100
5) Bromomethane	1.62	94	87148	44.509	ug/l	99
6) Chloroethane	1.71	64	102094	52.570	ug/l	97
7) Trichlorofluoromethane	1.92	101	235909	51.954	ug/l	100
8) Diethyl Ether	2.17	74	92495	49.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124197	53.761	ug/l	98
10) Methyl Iodide	2.49	142	116177	40.235	ug/l	97
11) Tert butyl alcohol	3.01	59	194640	254.487	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145920	55.159	ug/l	98
13) Acrolein	2.27	56	30614	95.445	ug/l	96
14) Allyl chloride	2.70	41	210986	50.993	ug/l	97
15) Acrylonitrile	3.11	53	406501	261.925	ug/l	99
16) Acetone	2.42	43	340135	246.297	ug/l	99
17) Carbon Disulfide	2.55	76	377585	49.837	ug/l	100
18) Methyl Acetate	2.75	43	190383	51.649	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	828099	91.843	ug/l	98
20) Methylene Chloride	2.83	84	146690	49.314	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1674801	589.131	ug/l	98
22) Diisopropyl ether	3.82	45	403823	51.961	ug/l	92
23) Vinyl Acetate	3.78	43	1274457	189.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	244517	50.304	ug/l	99
25) 2-Butanone	4.64	43	541494	260.171	ug/l	100
26) 2,2-Dichloropropane	4.55	77	186770	41.496	ug/l #	65
27) cis-1,2-Dichloroethene	4.56	96	959413	295.271	ug/l	91
28) Bromochloromethane	4.98	49	106465	51.344	ug/l	99
29) Tetrahydrofuran	5.09	42	355312	263.528	ug/l	99
30) Chloroform	5.18	83	279079	54.269	ug/l	98
31) Cyclohexane	5.54	56	208048	53.109	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	234198	50.188	ug/l	99
36) 1,1-Dichloropropene	5.77	75	191911	51.483	ug/l	99
37) Ethyl Acetate	4.79	43	201747	49.420	ug/l #	80
38) Carbon Tetrachloride	5.76	117	210677	49.765	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212394	49.152	ug/l	98
40) Benzene	6.11	78	583983	51.454	ug/l	99
41) Methacrylonitrile	5.00	41	113553	52.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	1305486	315.155	ug/l	98
43) Isopropyl Acetate	6.41	43	324106	50.658	ug/l	99
44) Trichloroethene	7.20	130	11705308	3334.202	ug/l	96
45) 1,2-Dichloropropane	7.49	63	152850	54.939	ug/l	98
46) Dibromomethane	7.64	93	101843	50.224	ug/l	99
47) Bromodichloromethane	7.88	83	209133	49.470	ug/l	99
48) Methyl methacrylate	7.74	41	159883	52.725	ug/l	98
49) 1,4-Dioxane	7.71	88	73226	975.781	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1034217	262.325	ug/l	99
52) Toluene	8.76	92	373568	50.673	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236721	49.577	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	242120	48.612	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	180215	60.786	ug/l	98
56) Ethyl methacrylate	9.16	69	240261	54.126	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253357	50.837	ug/l	100
59) 2-Hexanone	9.48	43	809092	265.845	ug/l	99
60) Dibromochloromethane	9.57	129	183806	52.457	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166389	51.496	ug/l	99
64) Tetrachloroethene	9.32	164	188451	48.869	ug/l	96
65) Chlorobenzene	10.12	112	411936	50.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	161936	49.816	ug/l	98
67) Ethyl Benzene	10.24	91	713493	51.795	ug/l	100
68) m/p-Xylenes	10.34	106	549716	105.249	ug/l	99
69) o-Xylene	10.68	106	256348	50.946	ug/l	98
70) Styrene	10.70	104	227804	26.189	ug/l	92
71) Bromoform	10.84	173	145852	52.587	ug/l	98
73) Isopropylbenzene	11.00	105	693206	50.584	ug/l	100
74) N-amyl acetate	10.88	43	275346	51.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200859	49.826	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	281915	64.187	ug/l	86
77) Bromobenzene	11.24	156	190585	49.255	ug/l	100
78) n-propylbenzene	11.34	91	766971	51.535	ug/l	100
79) 2-Chlorotoluene	11.40	91	471961	50.150	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	594043	51.711	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	81423	46.671	ug/l	96
82) 4-Chlorotoluene	11.49	91	557968	50.652	ug/l	100
83) tert-Butylbenzene	11.76	119	546351	51.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	598676	51.516	ug/l	100
85) sec-Butylbenzene	11.93	105	642217	52.231	ug/l	100
86) p-Isopropyltoluene	12.05	119	613241	51.980	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329099	50.309	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	333867	49.215	ug/l	100
89) n-Butylbenzene	12.37	91	500443	51.385	ug/l	99
90) Hexachloroethane	12.58	117	108314	49.787	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	320623	49.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56035	49.707	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	227450	49.649	ug/l	98

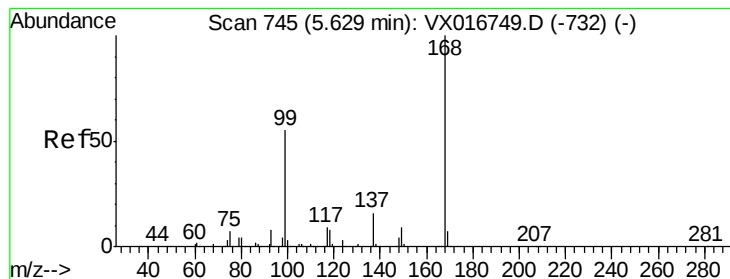
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	92593	45.965	ug/l	98
95) Naphthalene	13.82	128	750206	52.272	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	225037	49.907	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

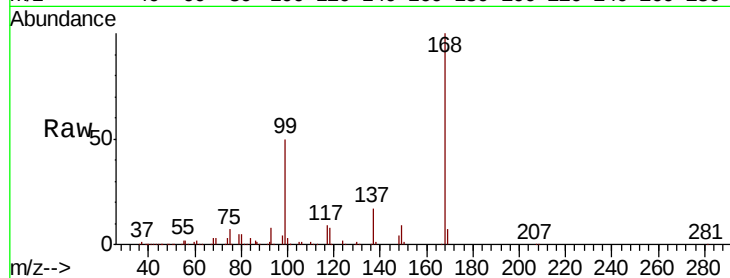
SS043MW014-200610MSD

Tot Ion:168 Resp: 270667

Ion Ratio Lower Upper

168 100

99 49.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

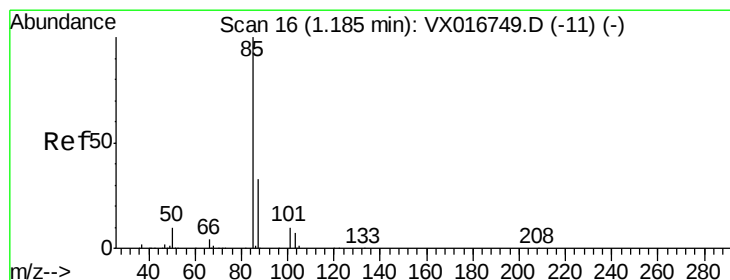
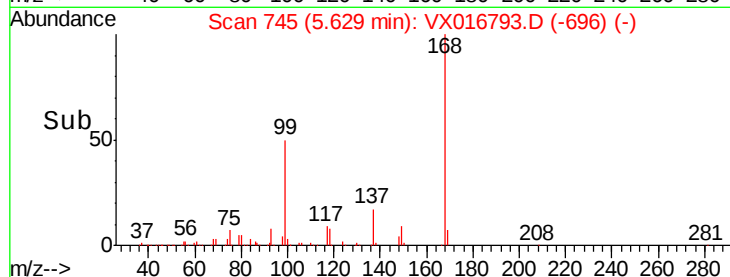
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.292 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016793.D

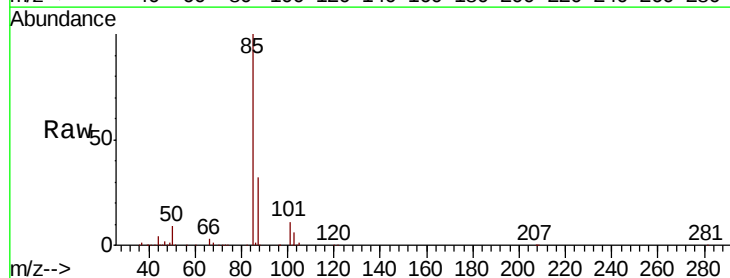
Acq: 16 Jun 2020 20:25

Tgt Ion: 85 Resp: 153788

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

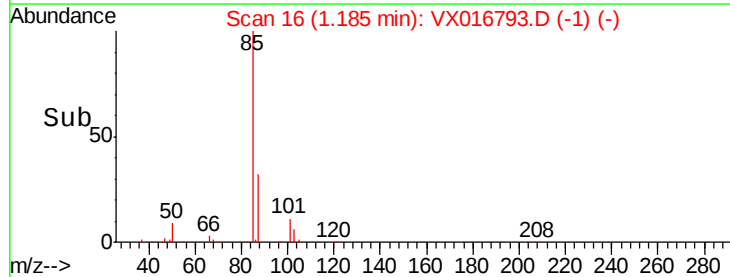
150000

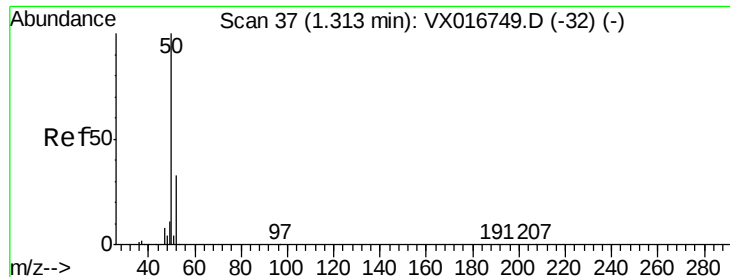
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.598 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

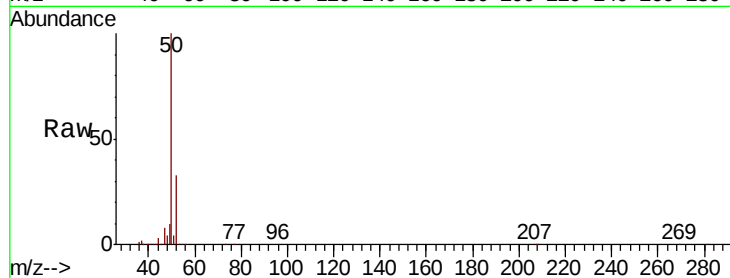
SS043MW014-200610MSD

Tot Ion: 50 Resp: 146544

Ion Ratio Lower Upper

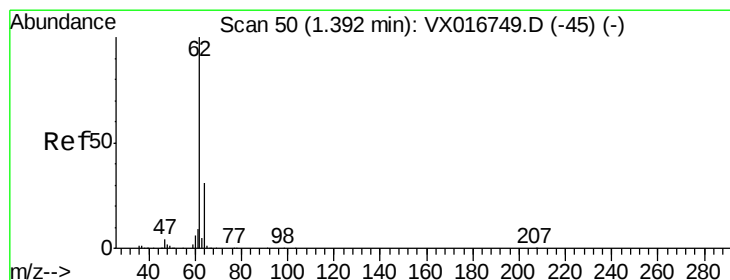
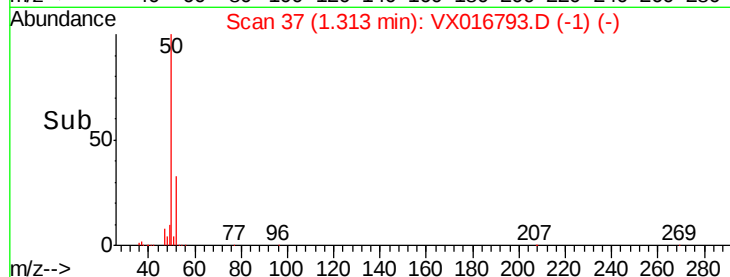
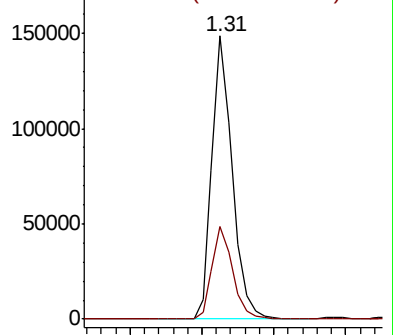
50 100

52 32.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 59.210 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016793.D

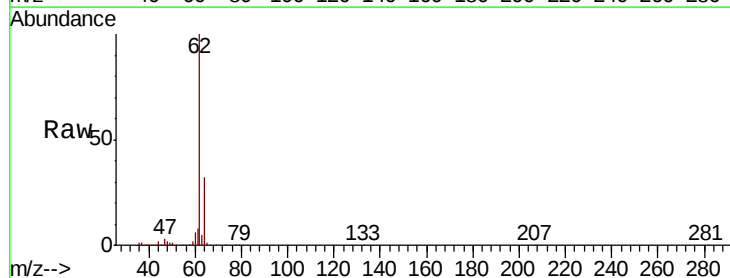
Acq: 16 Jun 2020 20:25

Tgt Ion: 62 Resp: 186674

Ion Ratio Lower Upper

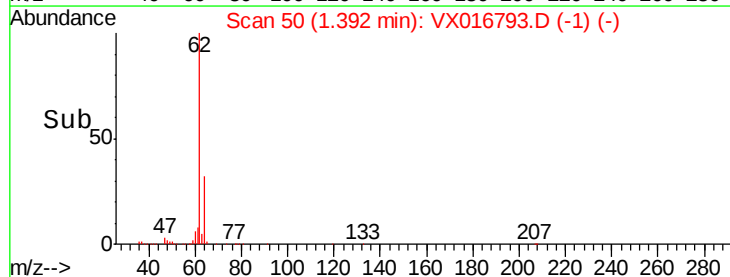
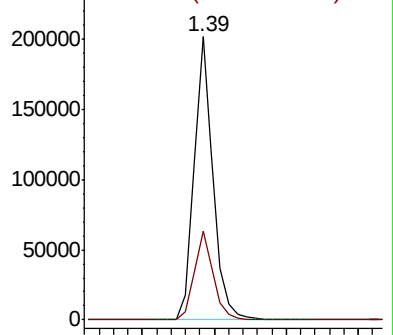
62 100

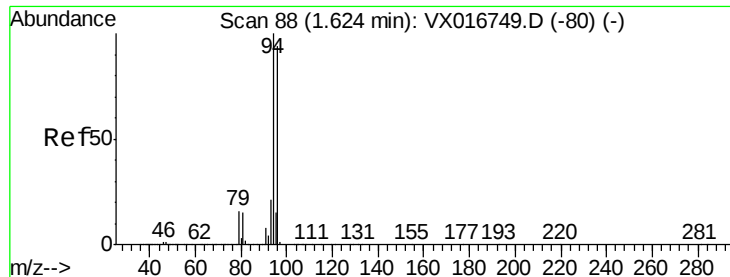
64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.509 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

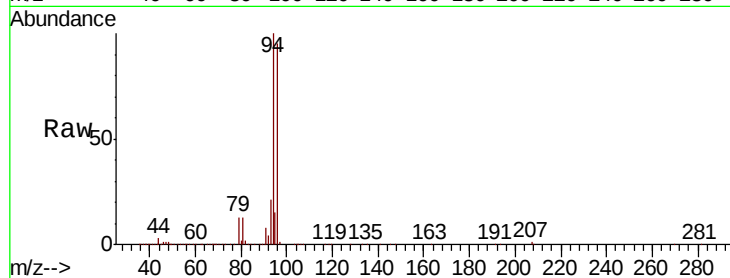
SS043MW014-200610MSD

Tot Ion: 94 Resp: 87148

Ion Ratio Lower Upper

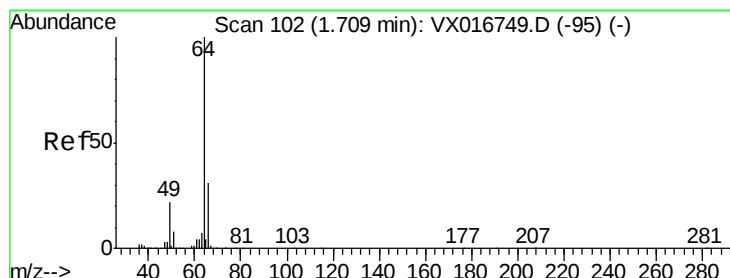
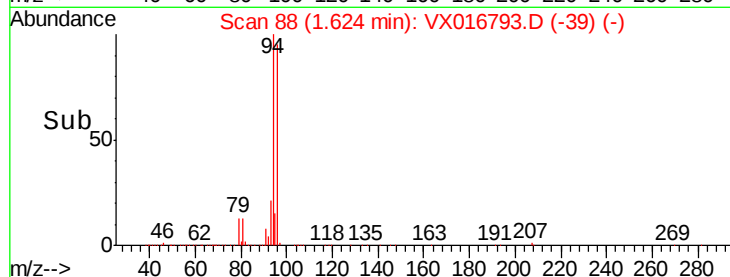
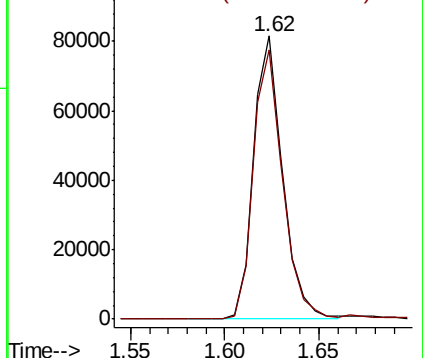
94 100

96 94.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.570 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016793.D

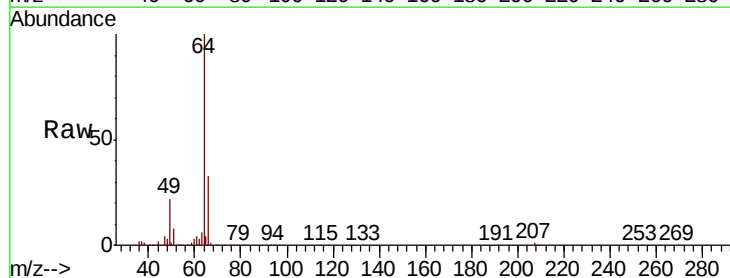
Acq: 16 Jun 2020 20:25

Tgt Ion: 64 Resp: 102094

Ion Ratio Lower Upper

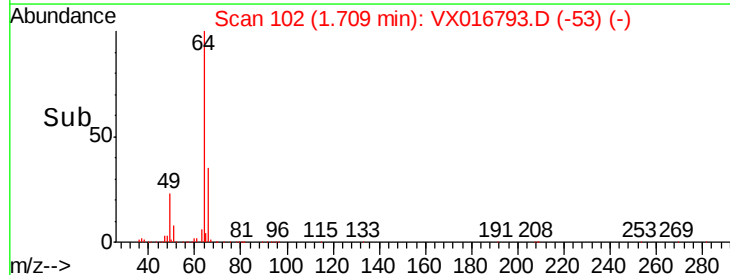
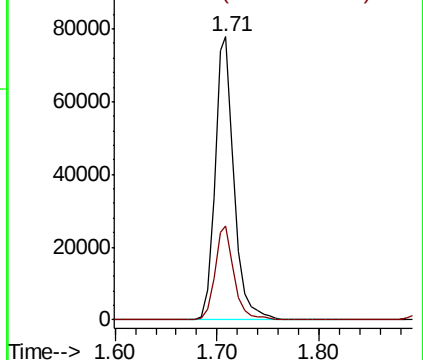
64 100

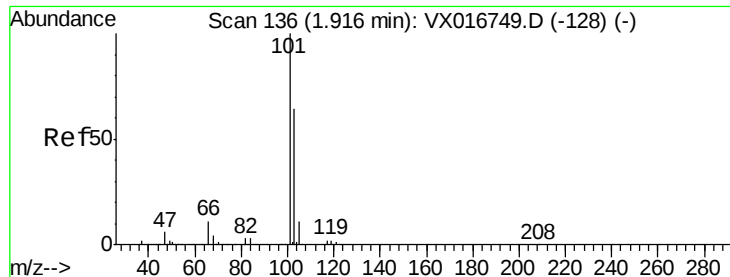
66 33.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



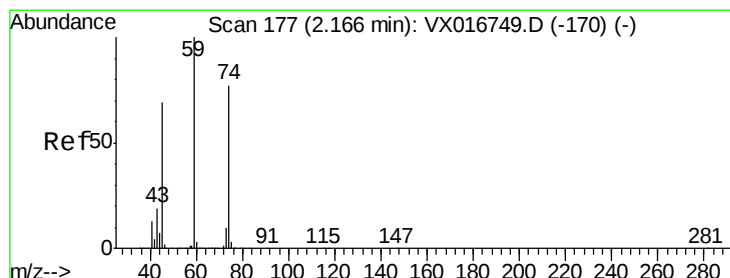
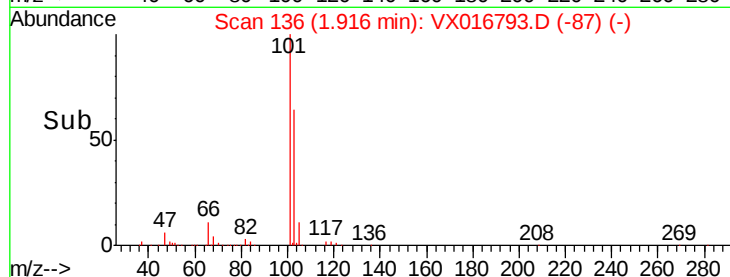
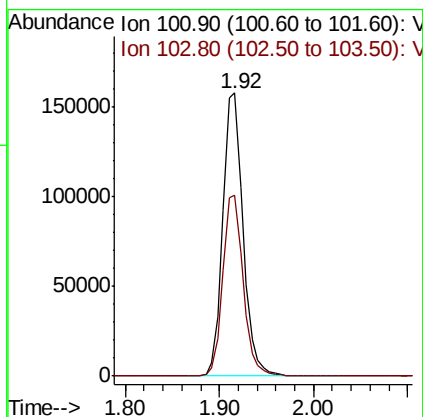
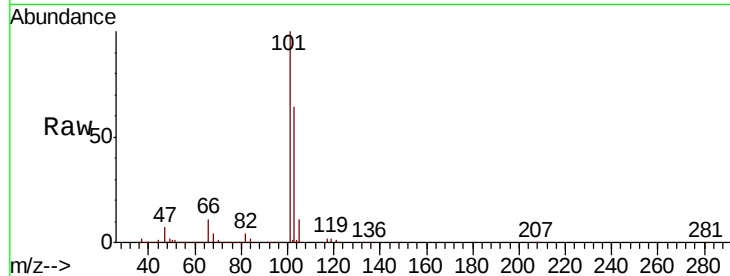


#7

Trichlorofluoromethane
 Concen: 51.954 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Instrument :
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 SS043MW014-200610MSD

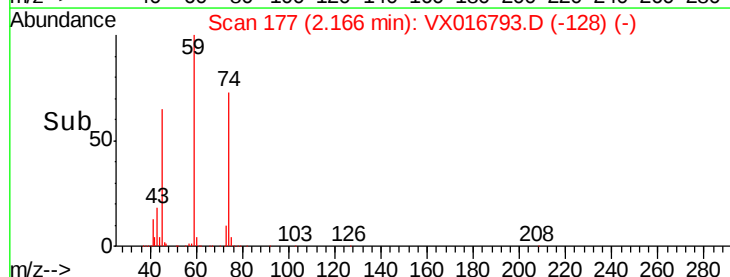
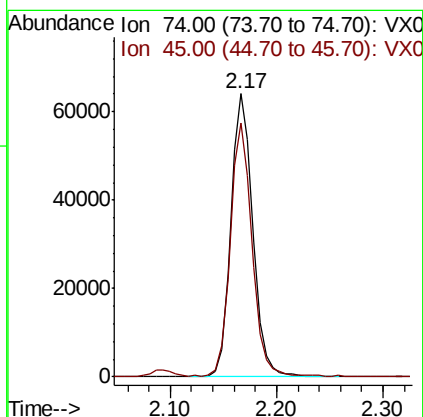
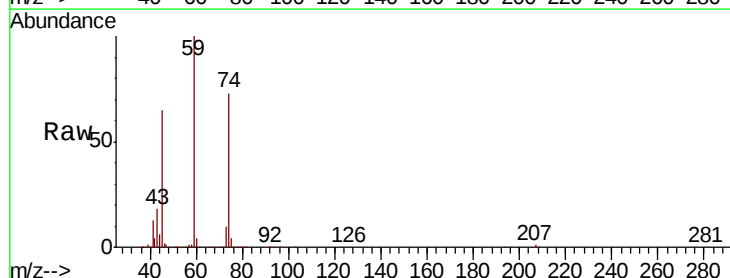
Tot Ion:101 Resp: 235909
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.3 76.9

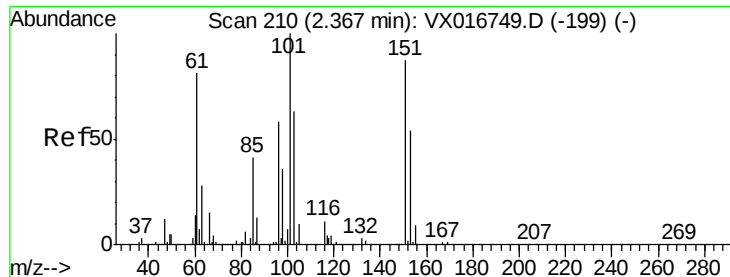


#8

Diethyl Ether
 Concen: 49.882 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion: 74 Resp: 92495
 Ion Ratio Lower Upper
 74 100
 45 87.9 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.761 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

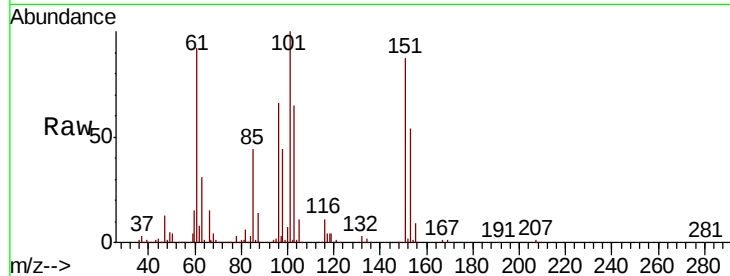
Tot Ion:101 Resp: 124197

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

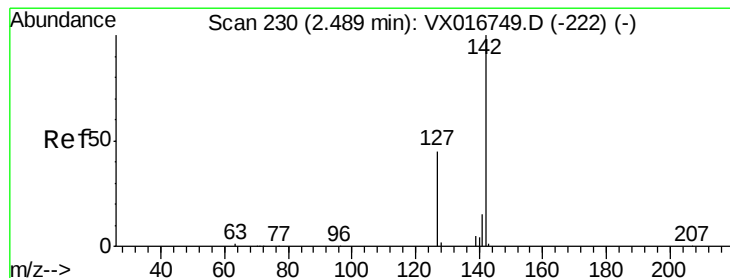
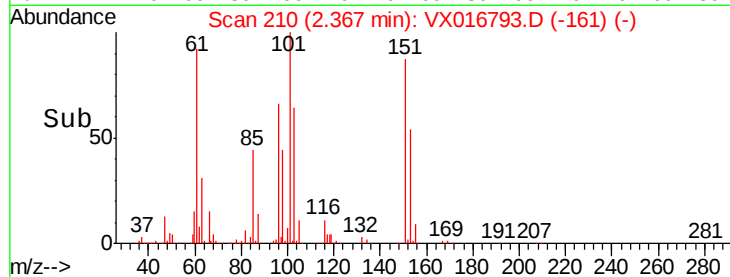
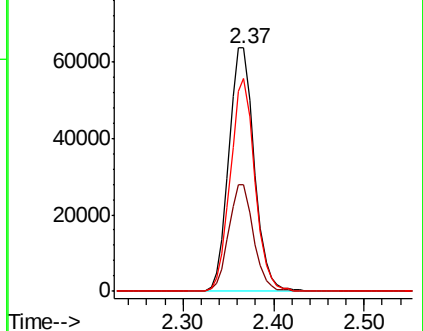
151 83.9 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.235 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

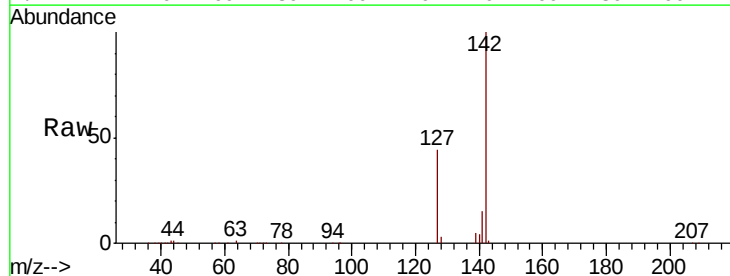
Tgt Ion:142 Resp: 116177

Ion Ratio Lower Upper

142 100

127 41.7 35.4 53.2

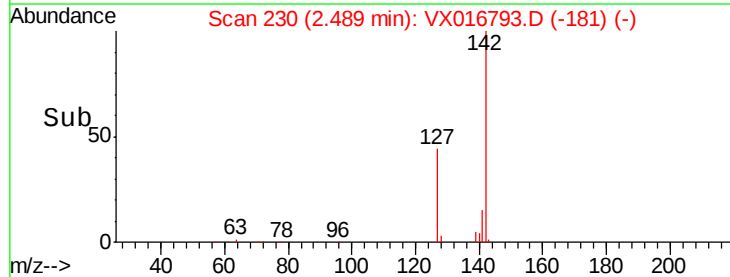
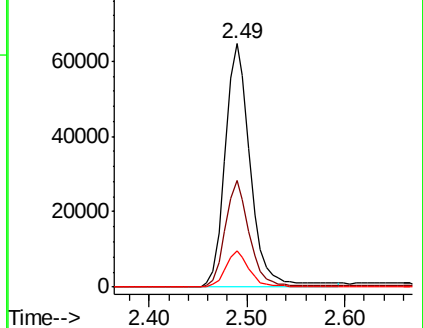
141 13.8 11.7 17.5

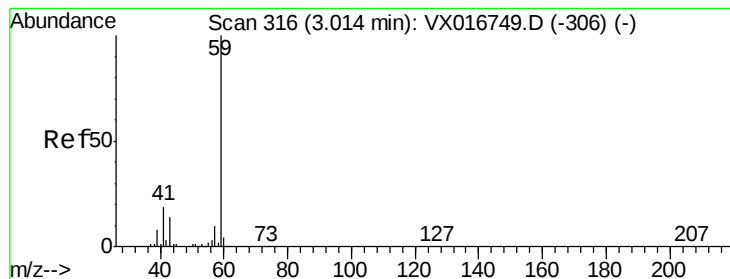


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



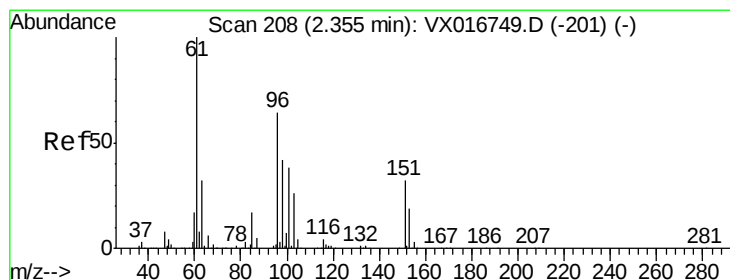
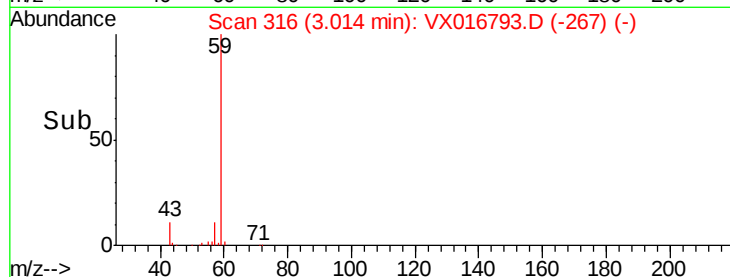
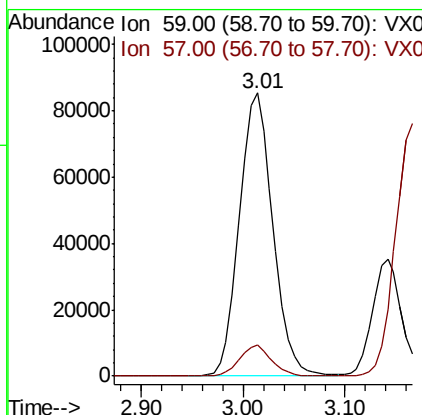
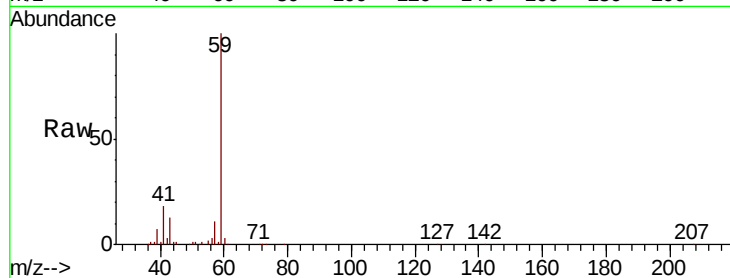


#11

Tert butyl alcohol
Concen: 254.487 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

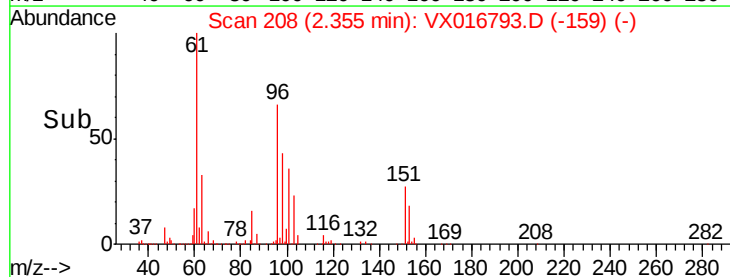
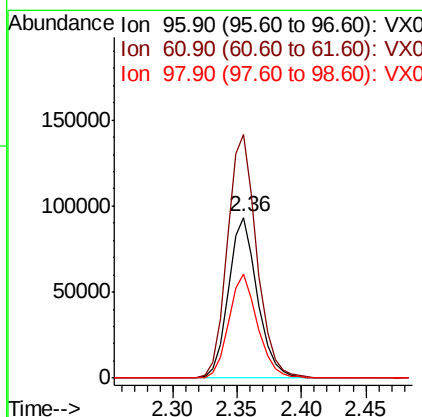
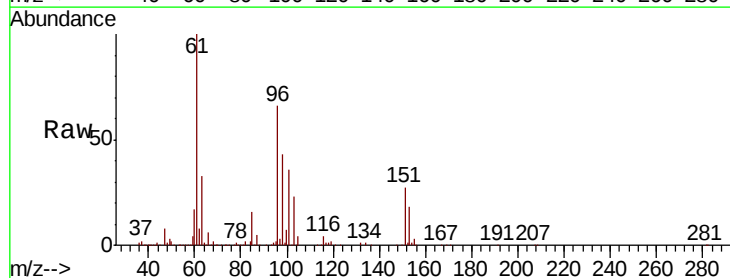
Tot Ion: 59 Resp: 194640
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

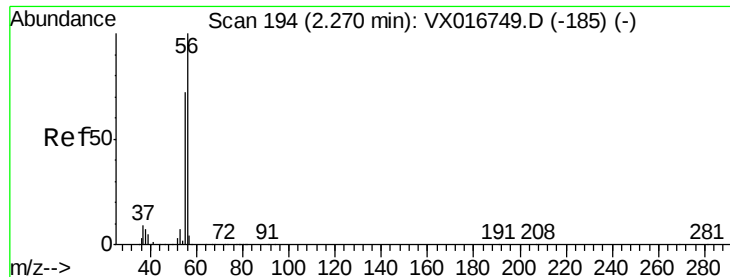


#12

1,1-Dichloroethene
Concen: 55.159 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 96 Resp: 145920
Ion Ratio Lower Upper
96 100
61 151.4 124.1 186.1
98 64.7 52.7 79.1

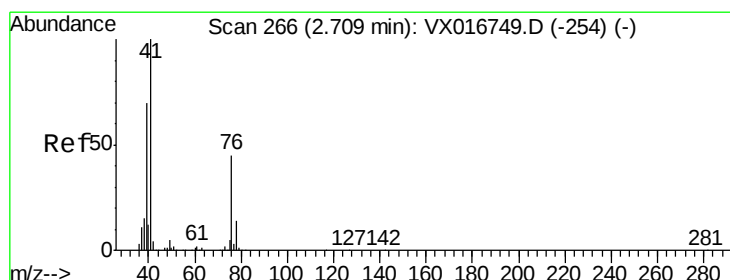
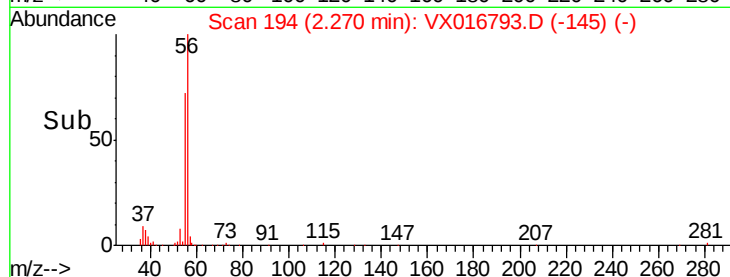
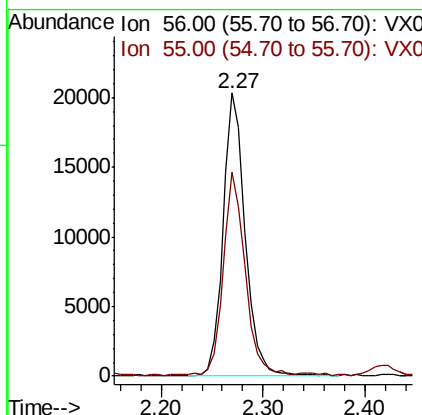
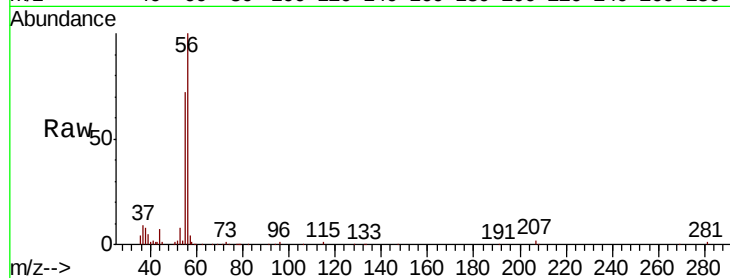




#13
Acrolein
Concen: 95.445 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

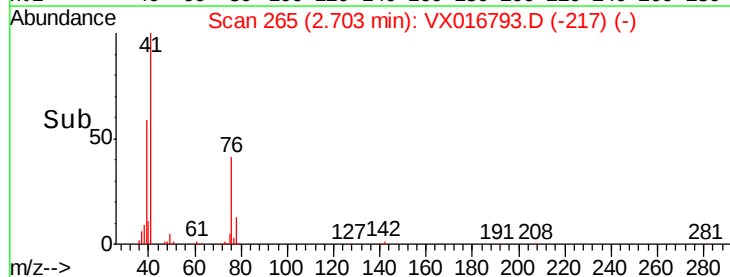
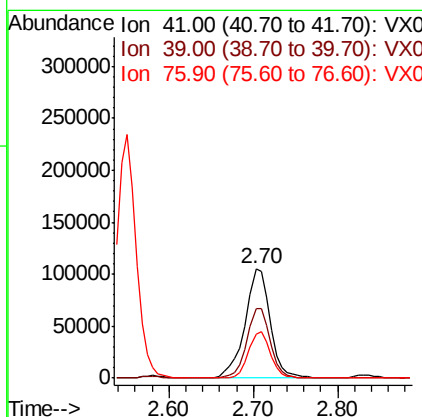
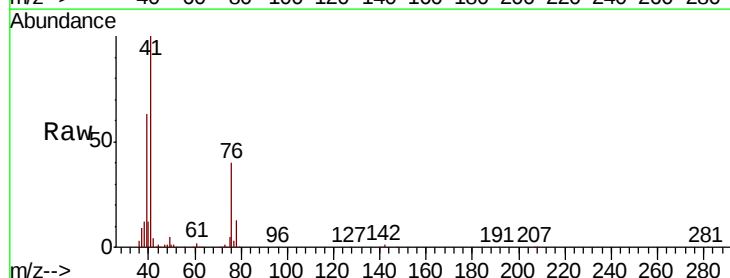
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

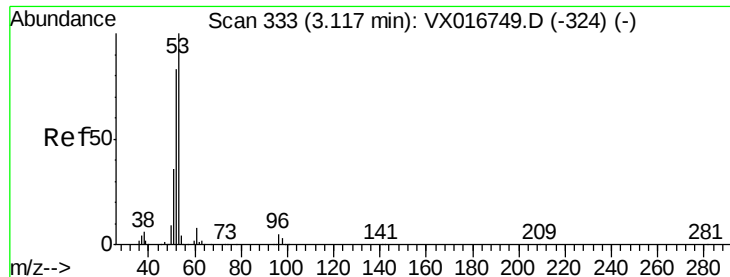
Tot Ion: 56 Resp: 30614
Ion Ratio Lower Upper
56 100
55 69.6 58.2 87.4



#14
Allyl chloride
Concen: 50.993 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 41 Resp: 210986
Ion Ratio Lower Upper
41 100
39 59.6 50.2 75.4
76 37.1 30.4 45.6





#15

Acrylonitrile

Concen: 261.925 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

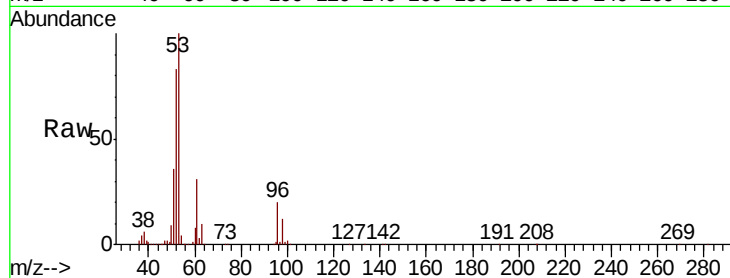
Tot Ion: 53 Resp: 406501

Ion Ratio Lower Upper

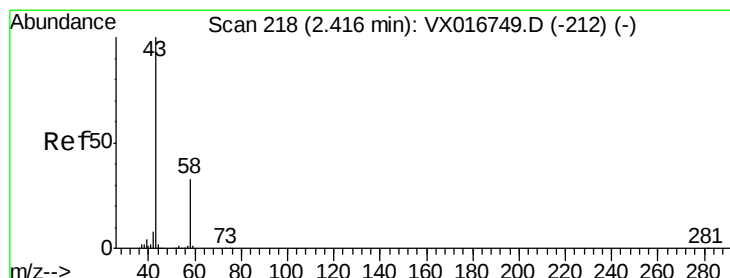
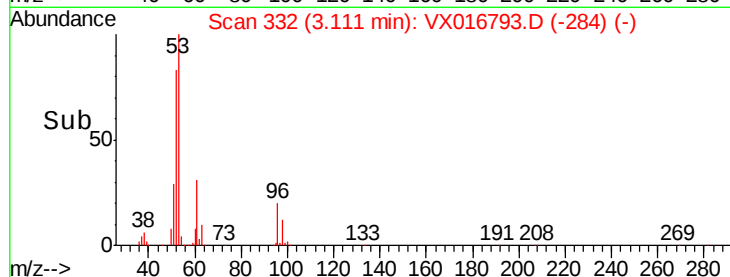
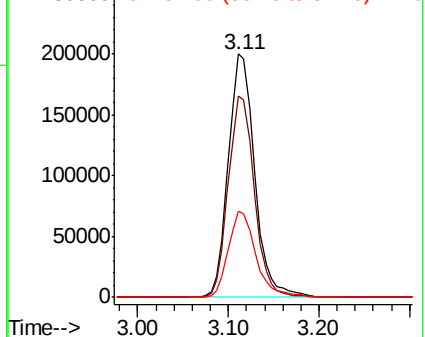
53 100

52 81.7 65.5 98.3

51 37.1 28.6 42.8



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: 246.297 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016793.D

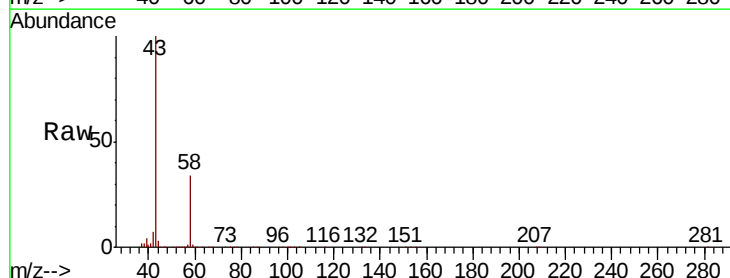
Acq: 16 Jun 2020 20:25

Tgt Ion: 43 Resp: 340135

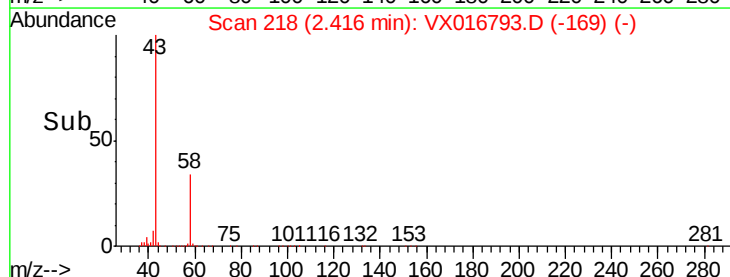
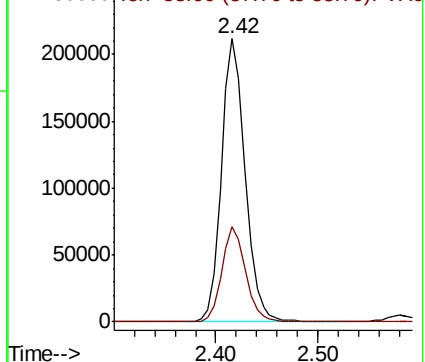
Ion Ratio Lower Upper

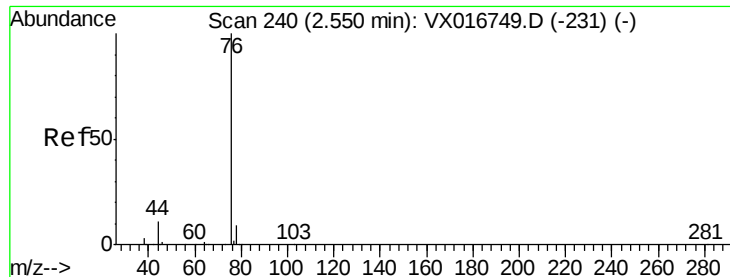
43 100

58 33.7 26.3 39.5



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





#17

Carbon Disulfide

Concen: 49.837 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

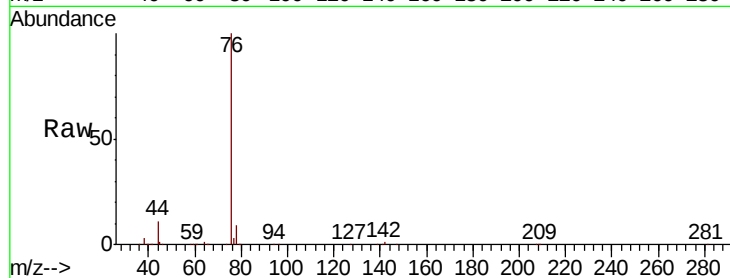
SS043MW014-200610MSD

Tot Ion: 76 Resp: 377585

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

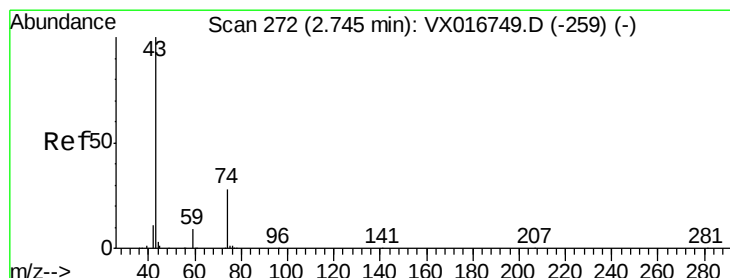
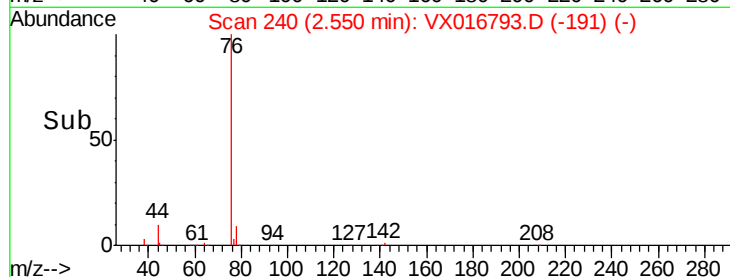
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 51.649 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016793.D

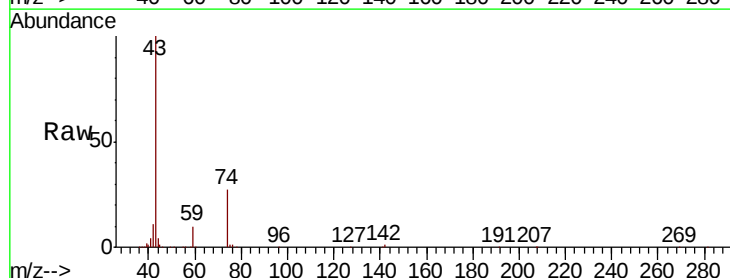
Acq: 16 Jun 2020 20:25

Tgt Ion: 43 Resp: 190383

Ion Ratio Lower Upper

43 100

74 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

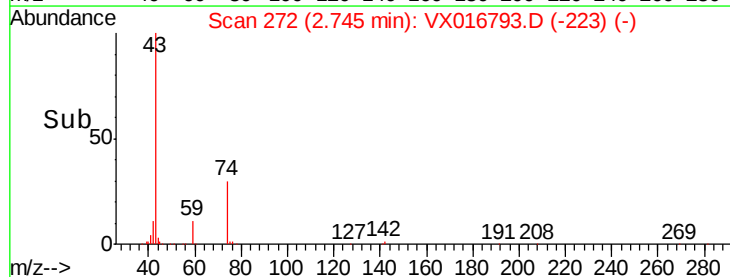
20000

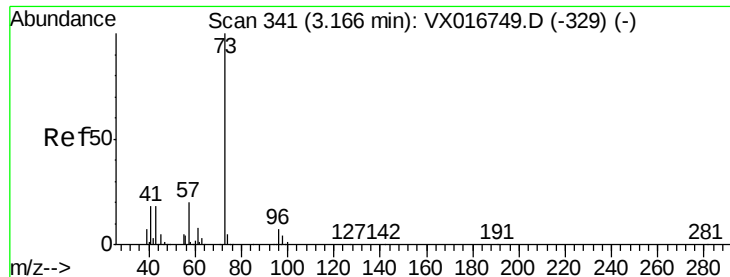
0

2.75

2.80

Time-->



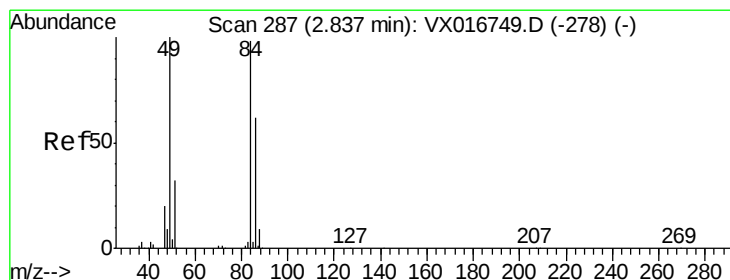
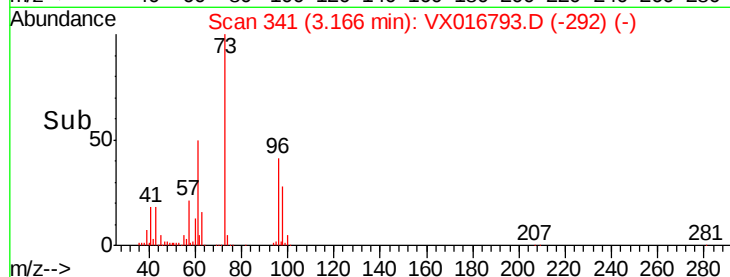
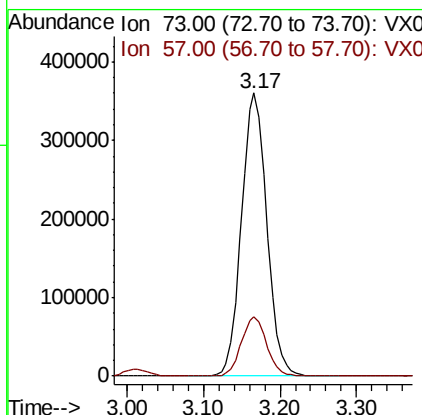
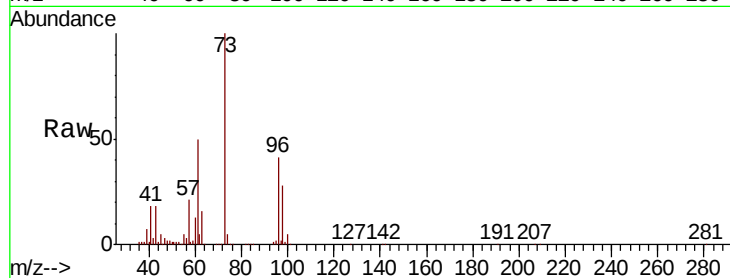


#19

Methyl tert-butyl Ether
 Concen: 91.843 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

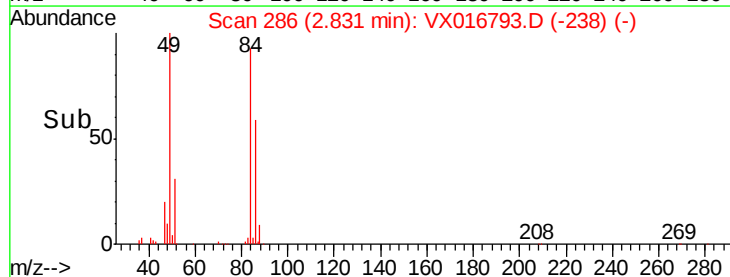
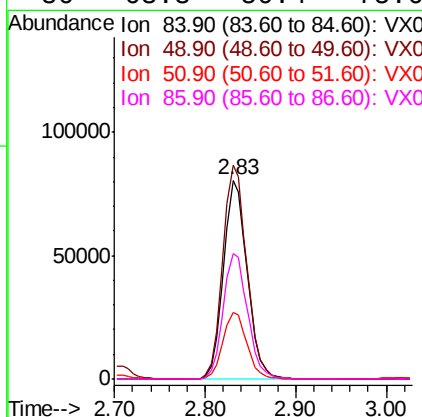
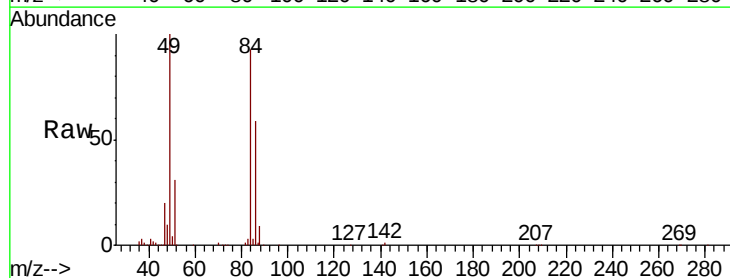
Tot Ion: 73 Resp: 828099
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.2 24.4

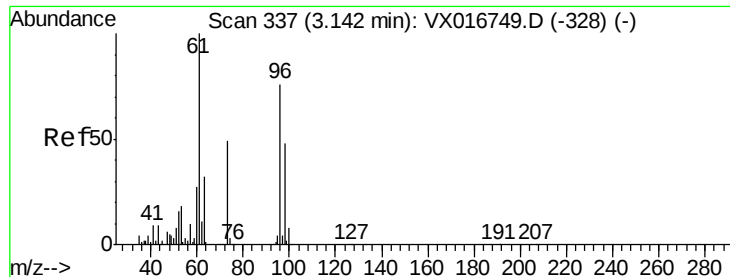


#20

Methylene Chloride
 Concen: 49.314 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion: 84 Resp: 146690
 Ion Ratio Lower Upper
 84 100
 49 107.6 81.8 122.8
 51 33.7 25.8 38.8
 86 63.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 589.131 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

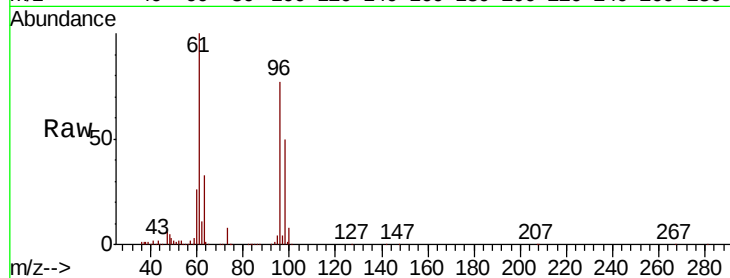
Tot Ion: 96 Resp: 1674801

Ion Ratio Lower Upper

96 100

61 129.8 105.4 158.2

98 64.4 50.8 76.2

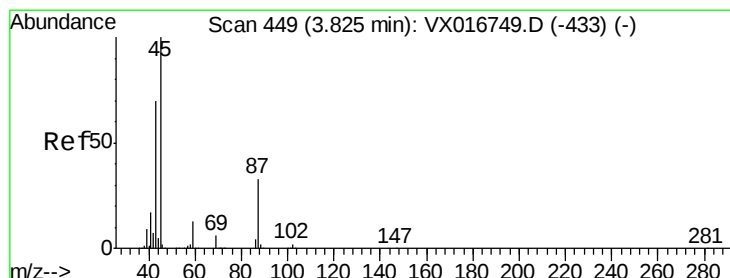
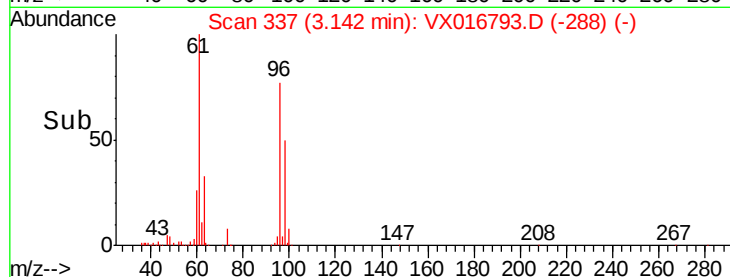
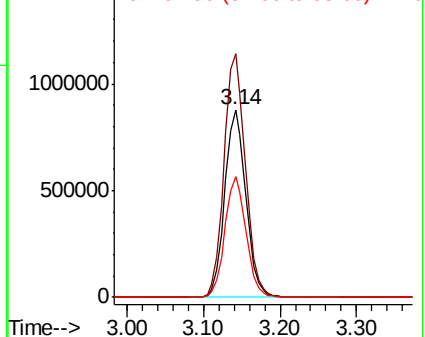


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.961 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Tgt Ion: 45 Resp: 403823

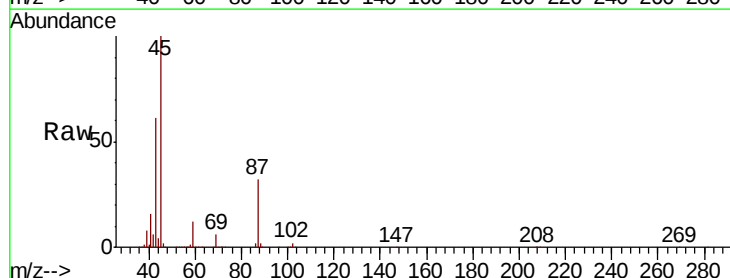
Ion Ratio Lower Upper

45 100

43 60.6 56.2 84.4

87 31.8 26.2 39.4

59 12.5 10.3 15.5



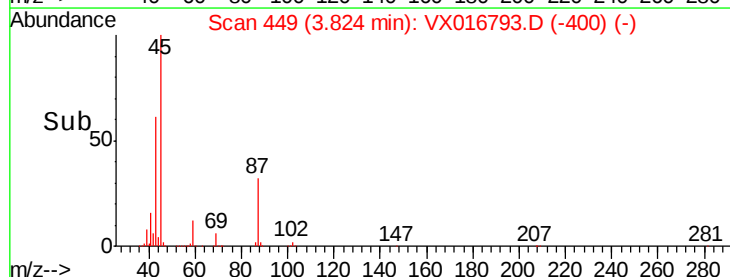
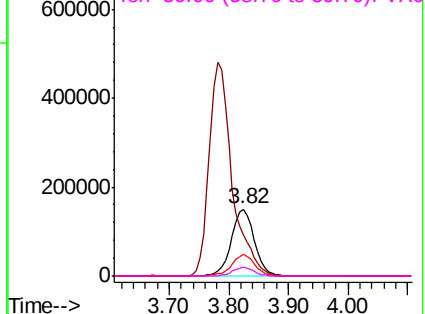
Abundance

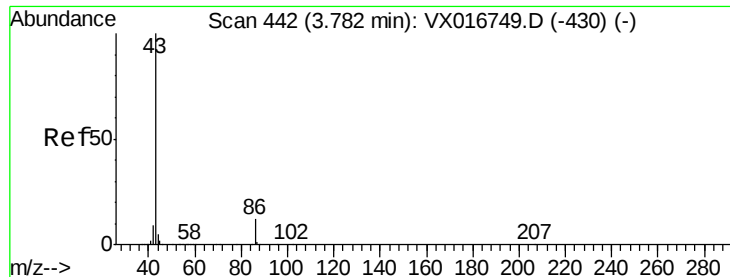
Ion 45.00 (44.70 to 45.70): VX0

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

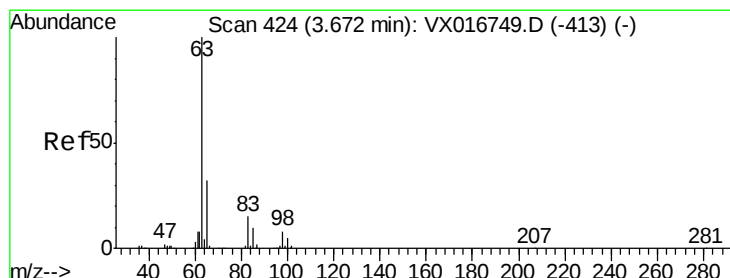
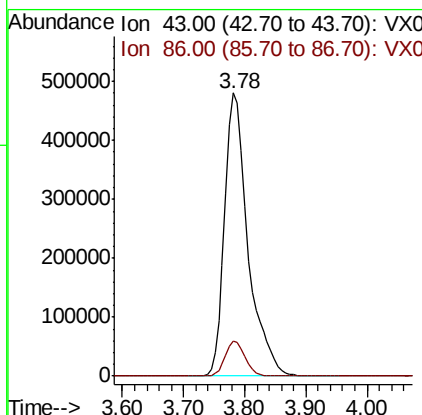
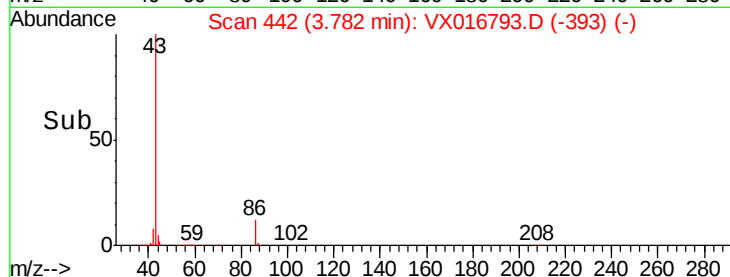
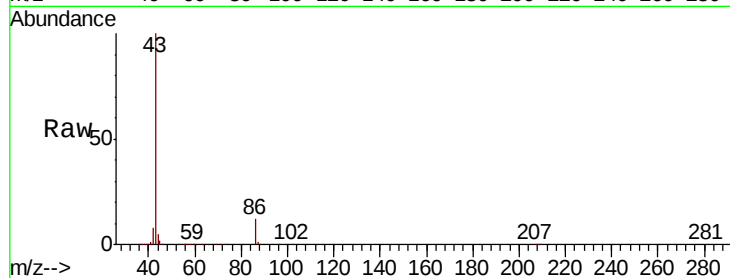




#23
 Vinyl Acetate
 Concen: 189.727 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

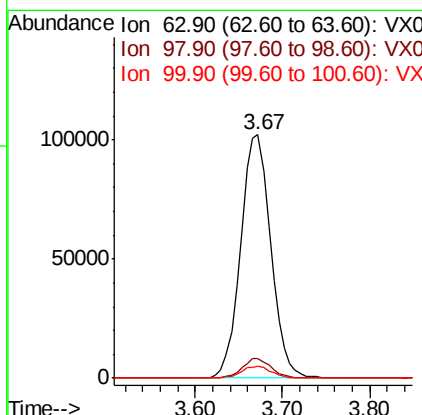
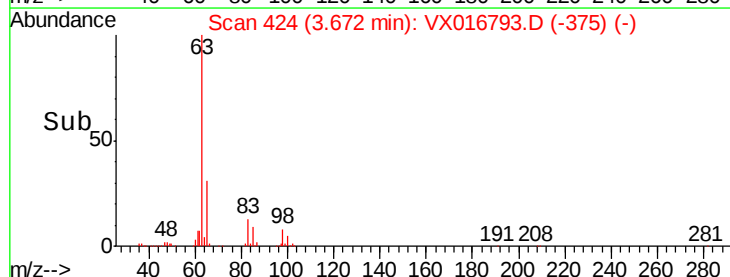
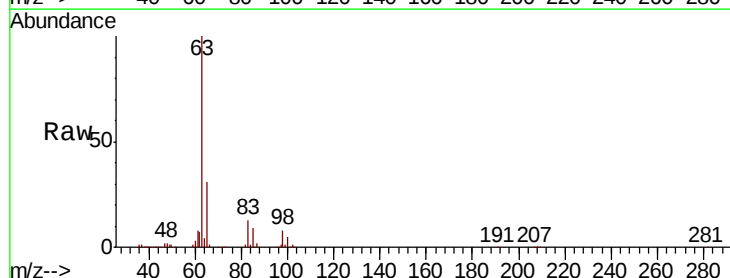
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

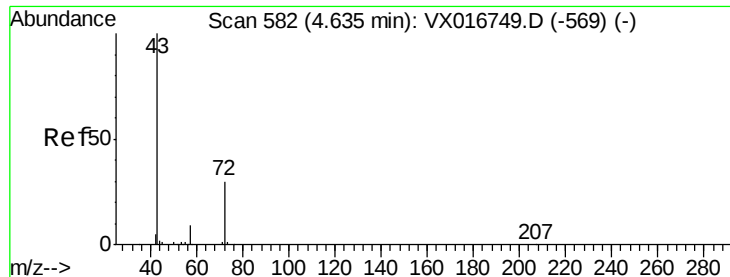
Tot Ion: 43 Resp: 1274457
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 50.304 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion: 63 Resp: 244517
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 260.171 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

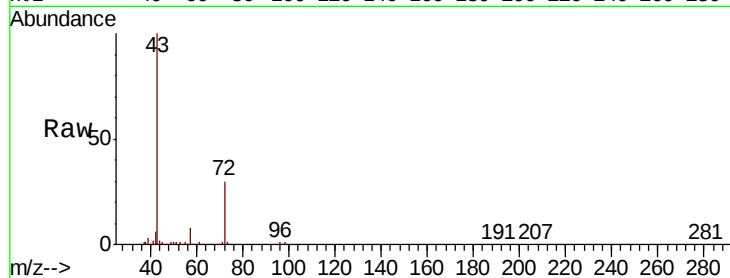
SS043MW014-200610MSD

Tot Ion: 43 Resp: 541494

Ion Ratio Lower Upper

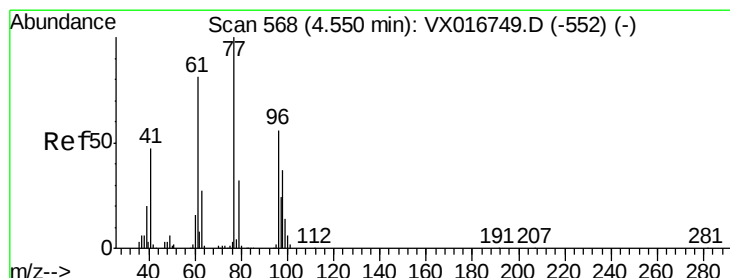
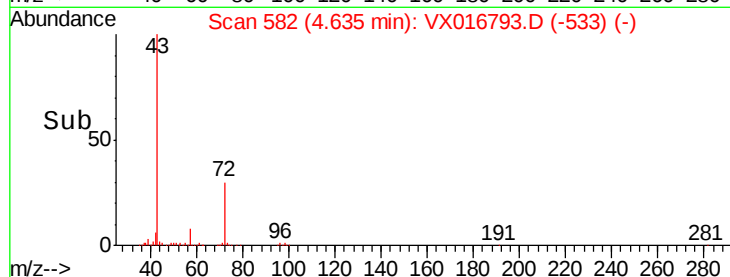
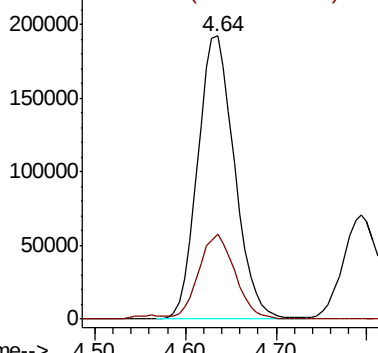
43 100

72 30.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.496 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016793.D

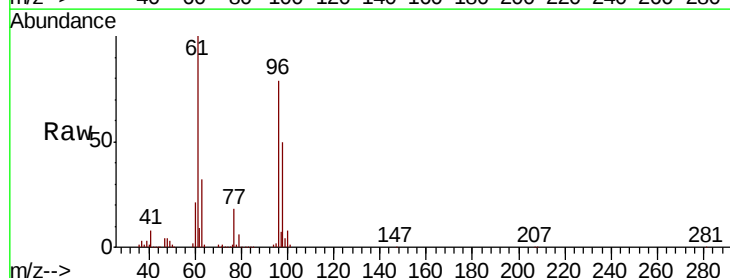
Acq: 16 Jun 2020 20:25

Tgt Ion: 77 Resp: 186770

Ion Ratio Lower Upper

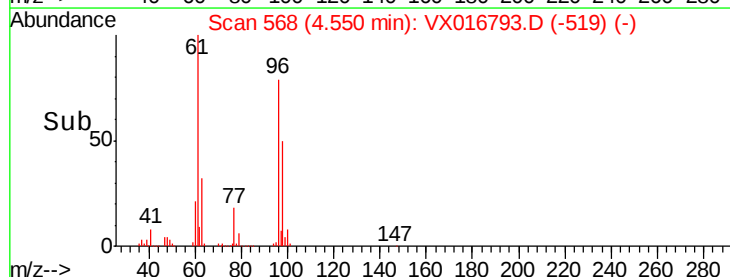
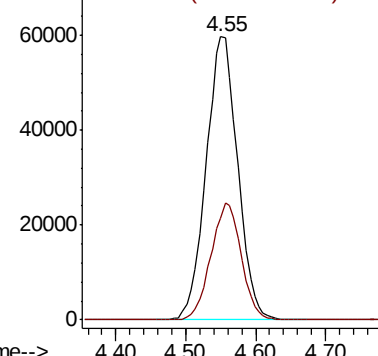
77 100

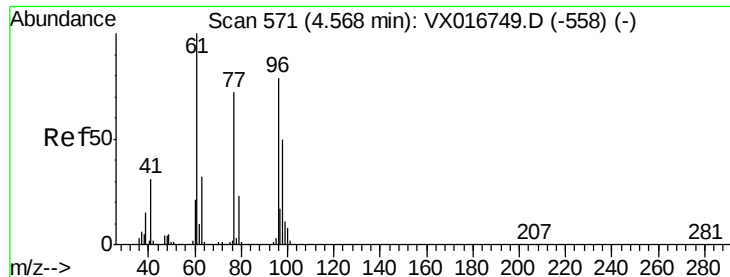
97 39.7 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



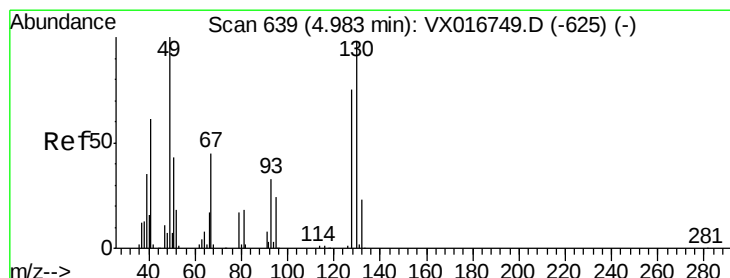
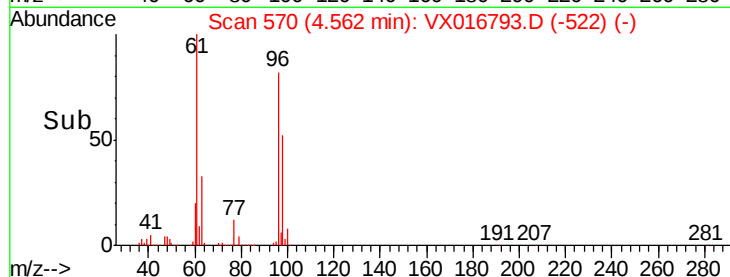
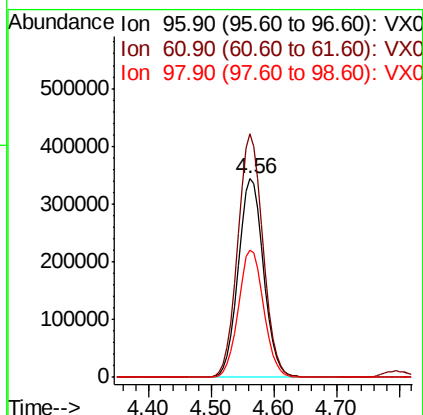
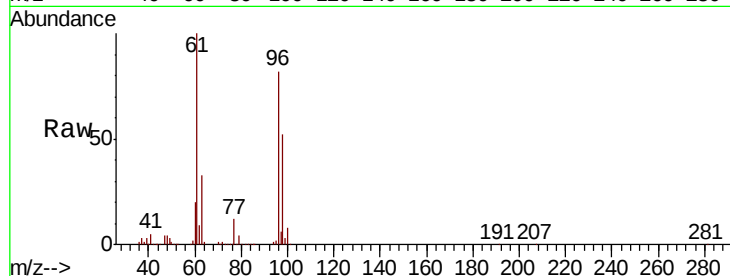


#27

cis-1,2-Dichloroethene
 Concen: 295.271 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

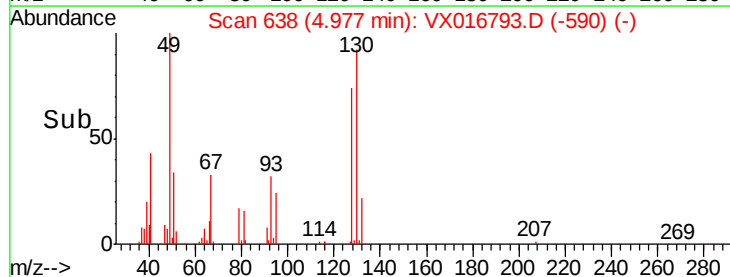
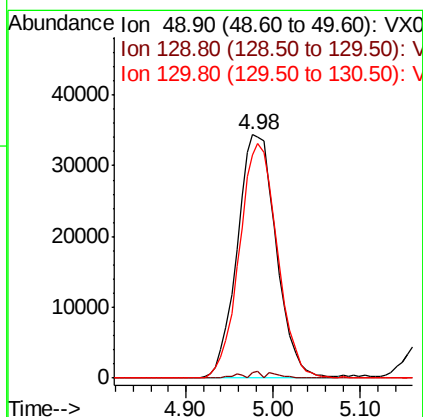
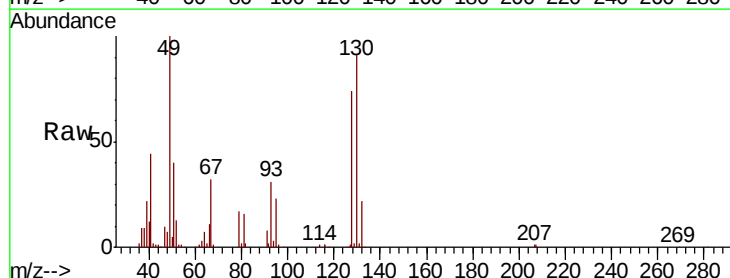
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.3	0.0	276.2
98	64.3	0.0	130.0

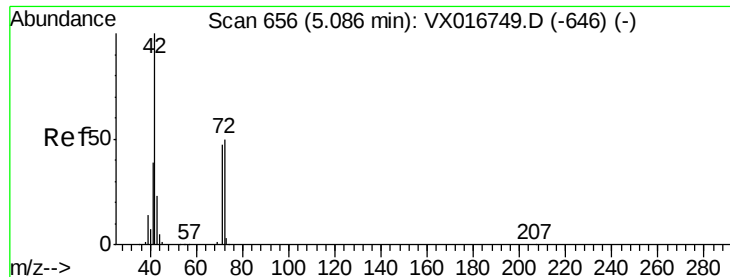


#28

Bromochloromethane
 Concen: 51.344 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	93.8	76.0	114.0





#29

Tetrahydrofuran

Concen: 263.528 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

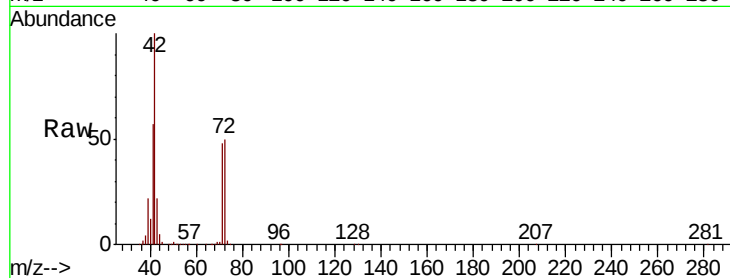
Tot Ion: 42 Resp: 355312

Ion Ratio Lower Upper

42 100

72 50.8 41.0 61.6

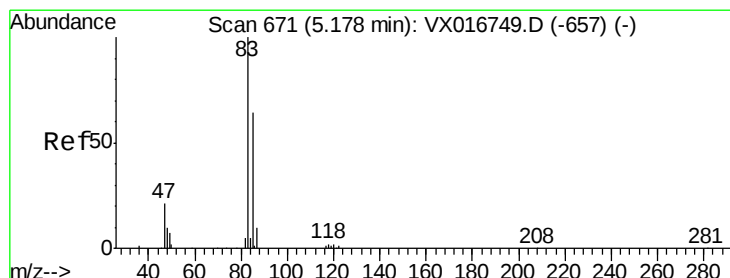
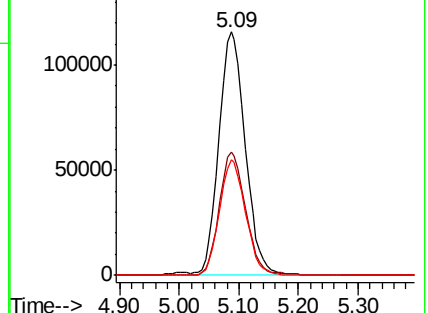
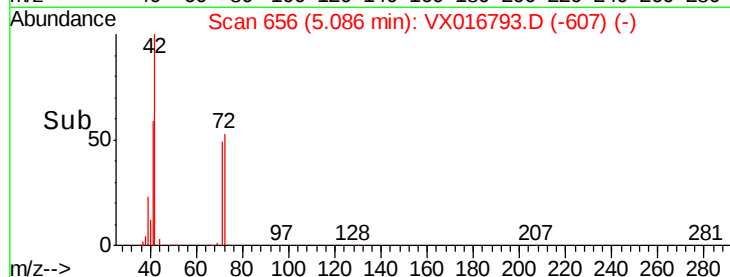
71 46.9 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.269 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016793.D

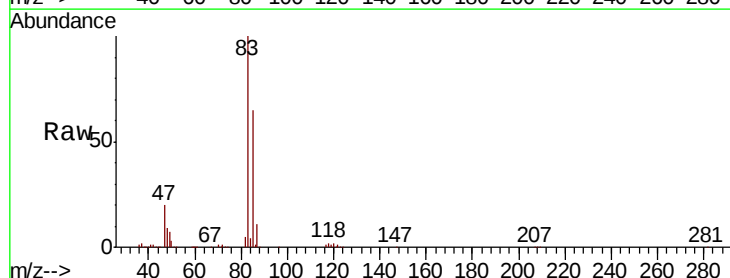
Acq: 16 Jun 2020 20:25

Tgt Ion: 83 Resp: 279079

Ion Ratio Lower Upper

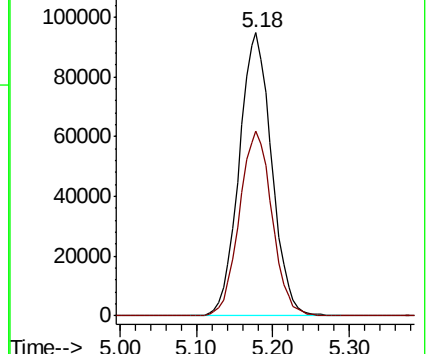
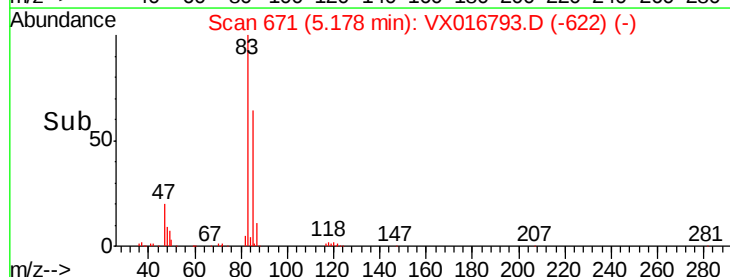
83 100

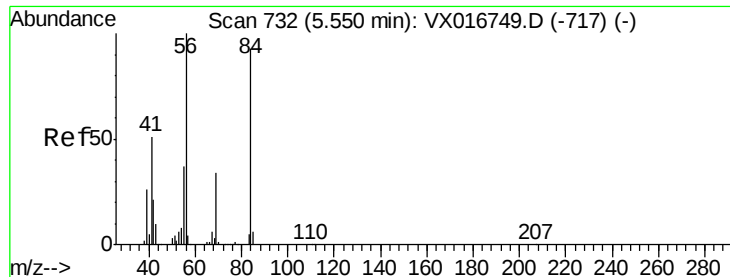
85 65.4 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

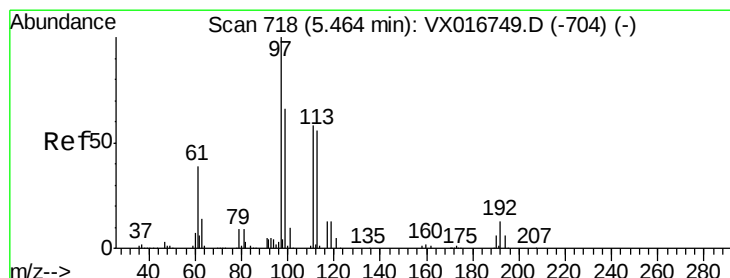
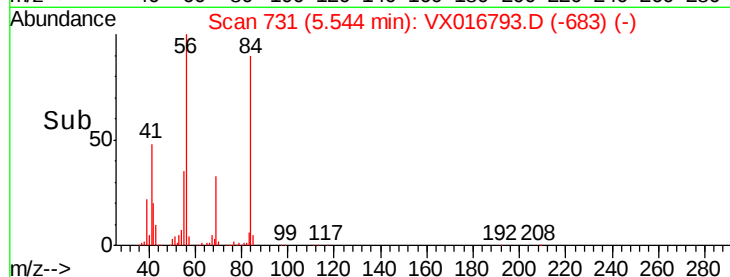
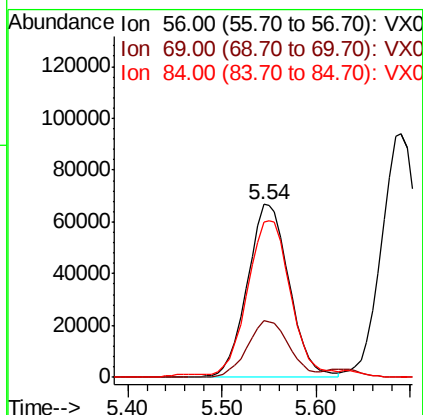
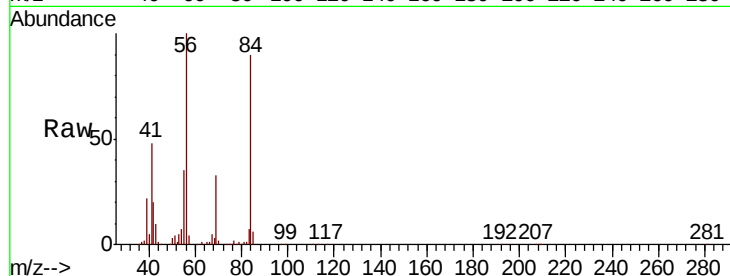




#31
Cyclohexane
Concen: 53.109 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

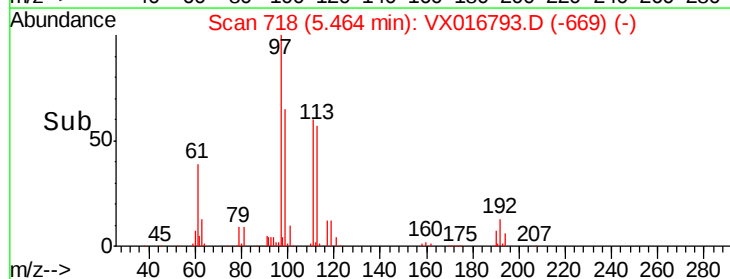
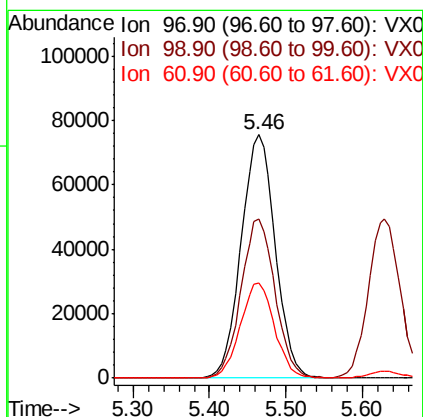
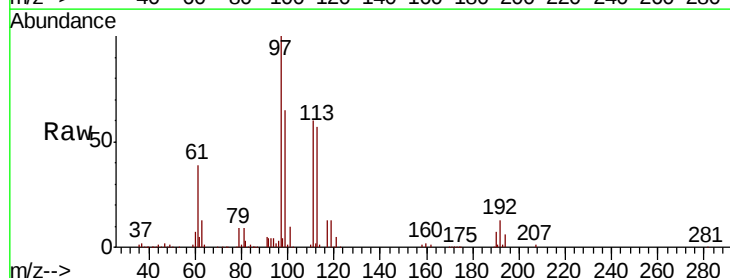
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

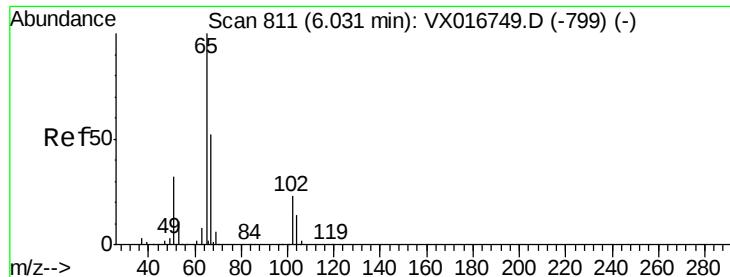
Tot Ion: 56 Resp: 208048
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 88.3 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 50.188 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 97 Resp: 234198
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 39.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

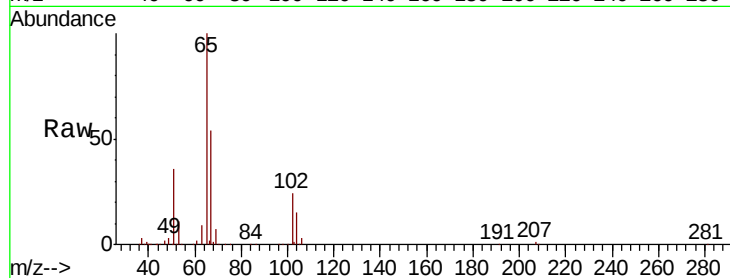
SS043MW014-200610MSD

Tot Ion: 65 Resp: 147804

Ion Ratio Lower Upper

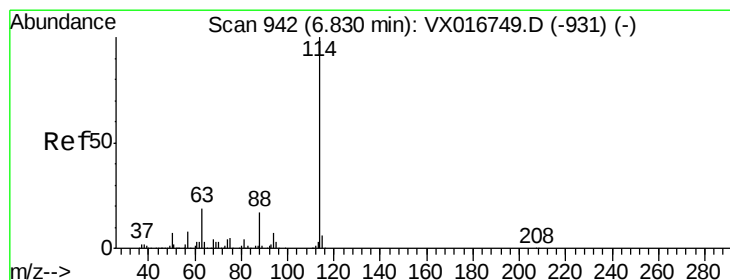
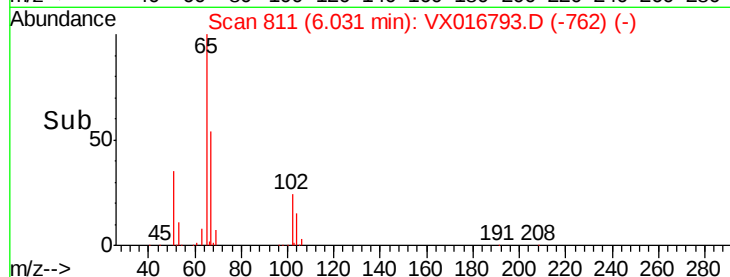
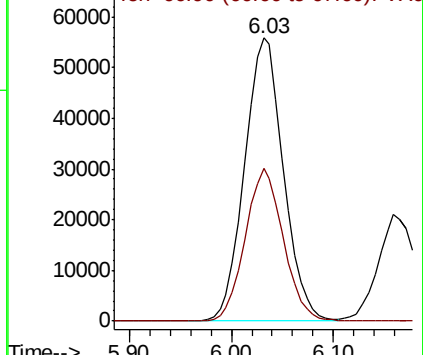
65 100

67 52.7 0.0 103.0



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# 942

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

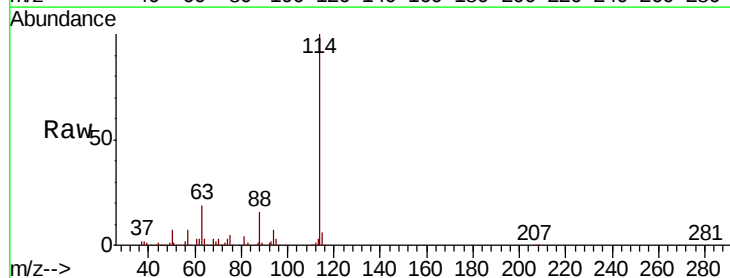
Tgt Ion: 114 Resp: 421812

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

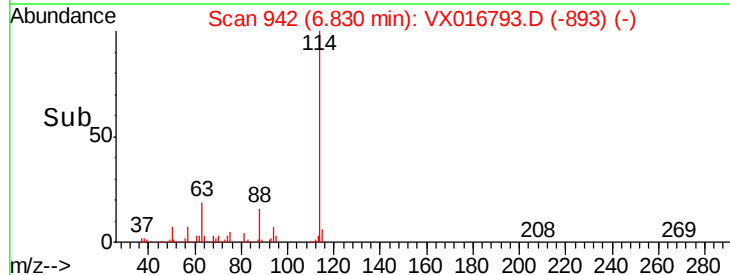
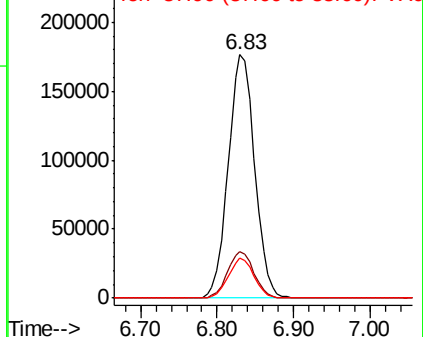
88 16.3 0.0 33.4

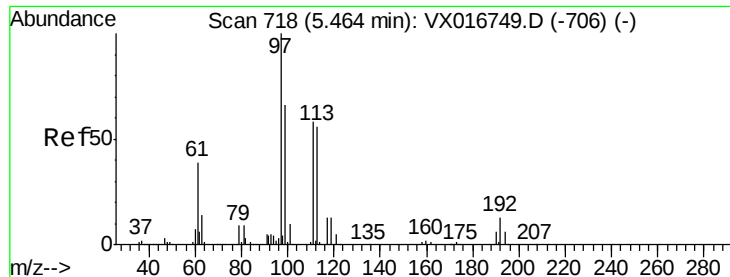


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

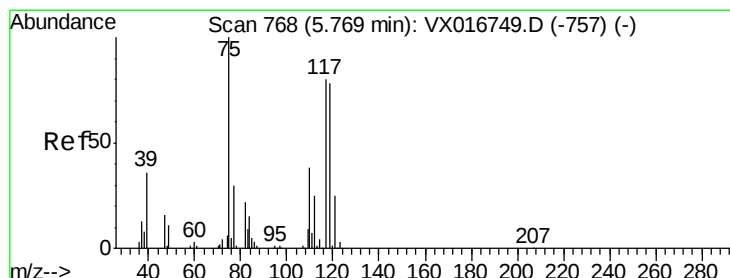
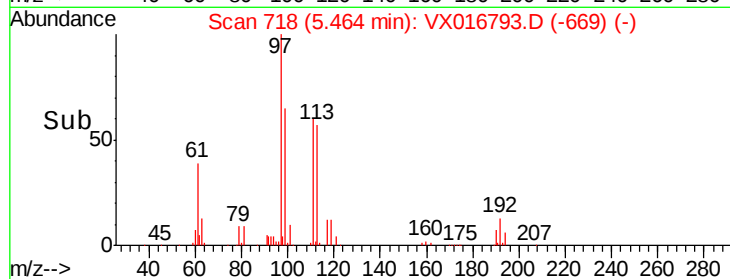
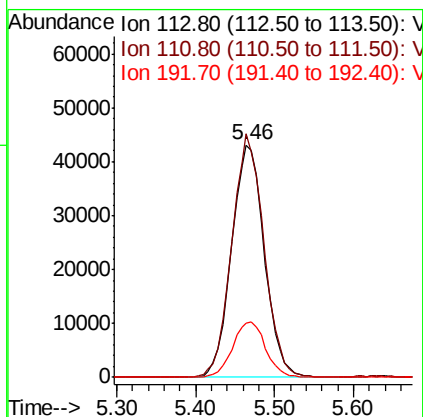
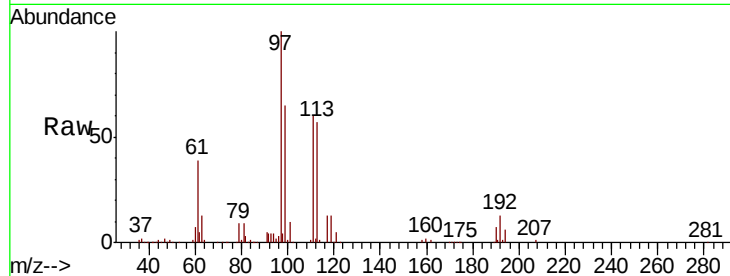




#35
 Dibromofluoromethane
 Concen: 47.854 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

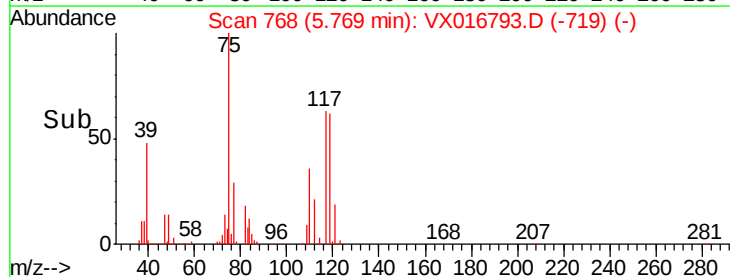
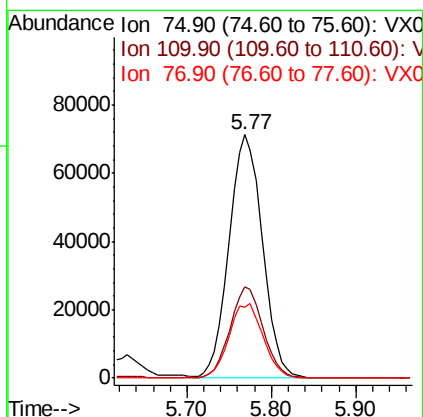
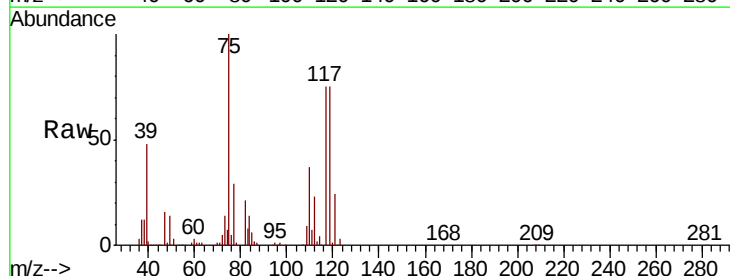
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

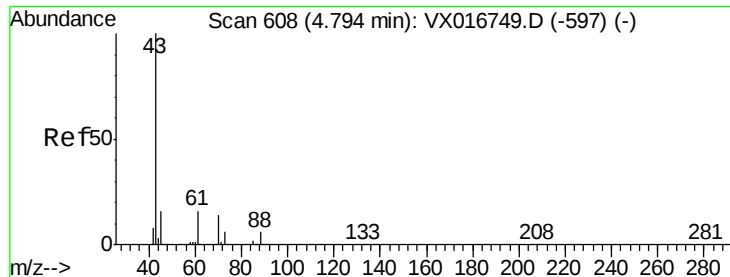
Tot Ion:113 Resp: 124541
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 24.0 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 51.483 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion: 75 Resp: 191911
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.4 55.2
 77 31.8 24.7 37.1

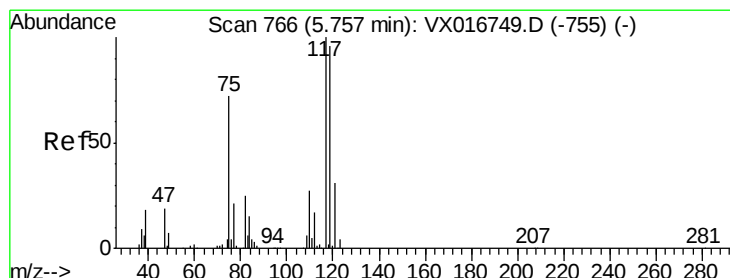
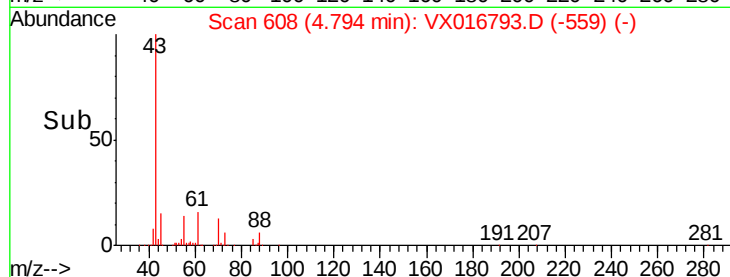
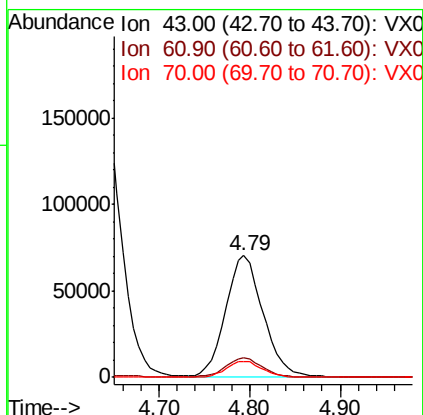
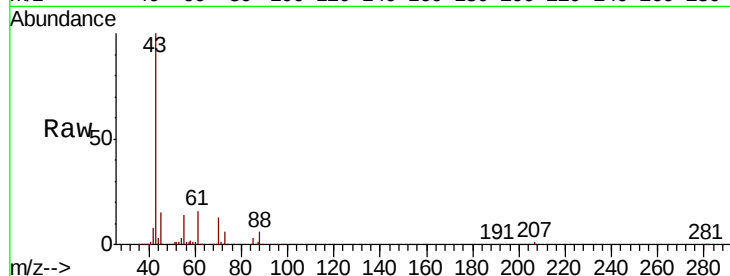




#37
Ethyl Acetate
Concen: 49.420 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

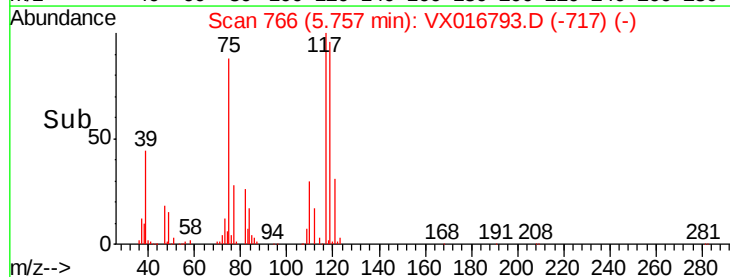
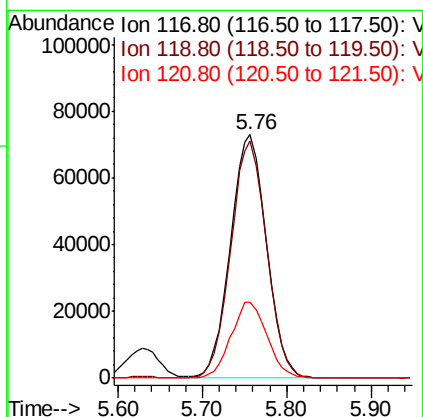
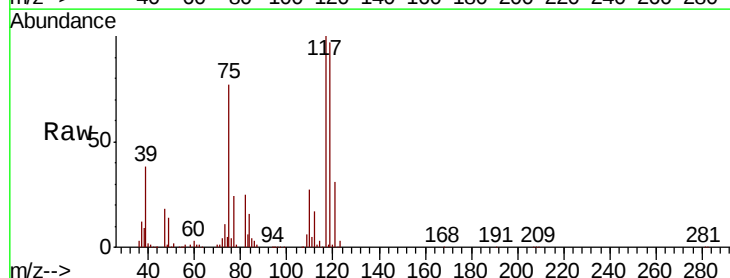
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

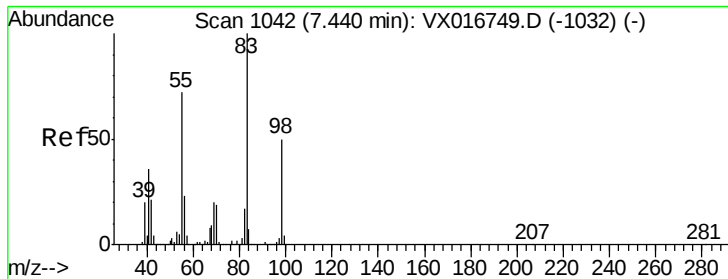
Tot Ion: 43 Resp: 201747
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 13.2 10.8 16.2



#38
Carbon Tetrachloride
Concen: 49.765 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 117 Resp: 210677
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
121 31.0 24.7 37.1

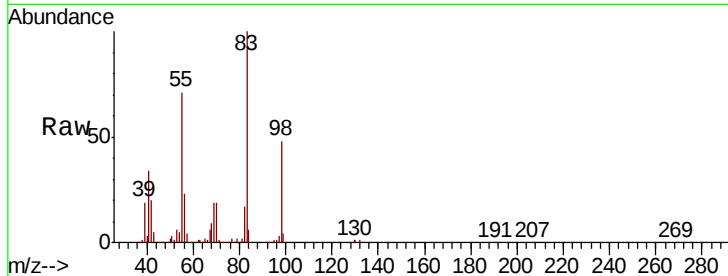




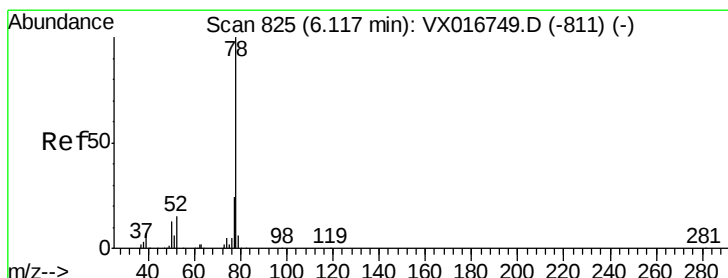
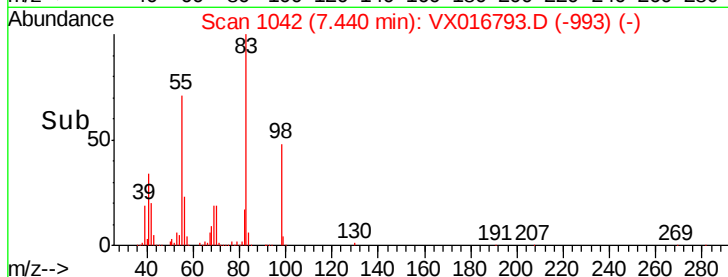
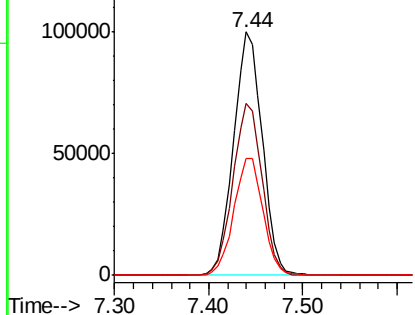
#39
Methvlcvclohexane
Concen: 49.152 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

Tot Ion: 83 Resp: 212394
Ion Ratio Lower Upper
83 100
55 70.9 57.3 85.9
98 47.9 40.3 60.5

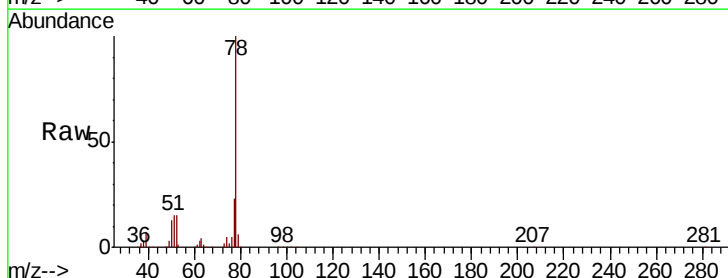


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

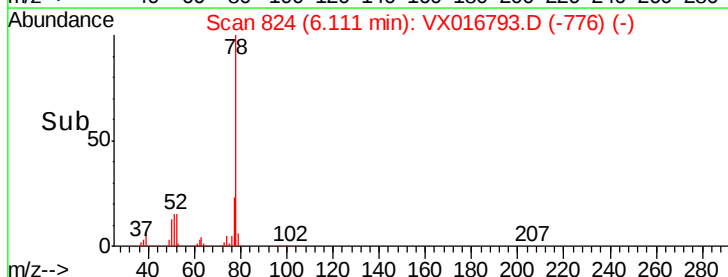
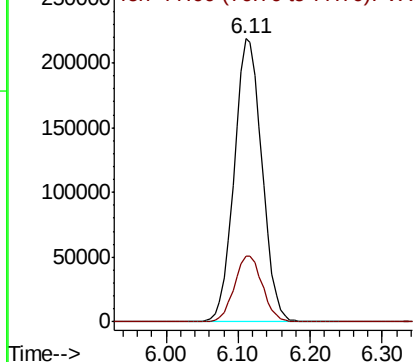


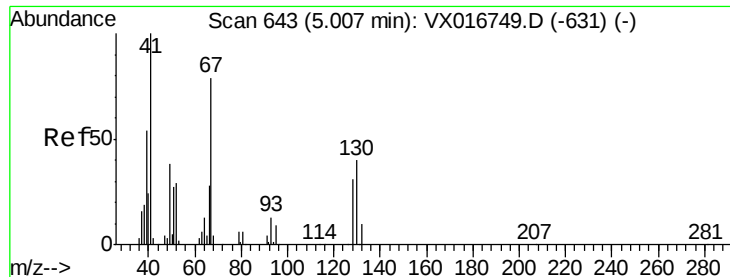
#40
Benzene
Concen: 51.454 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 78 Resp: 583983
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.169 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

Tot Ion: 41 Resp: 113553

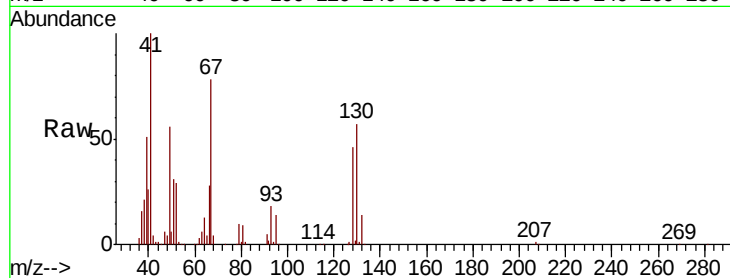
Ion Ratio Lower Upper

41 100

39 52.3 43.7 65.5

67 79.2 64.6 96.8

52 30.8 25.6 38.4

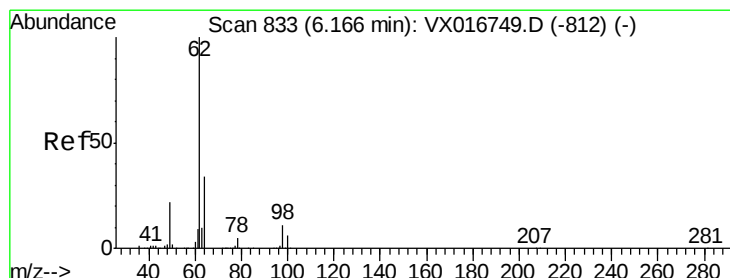
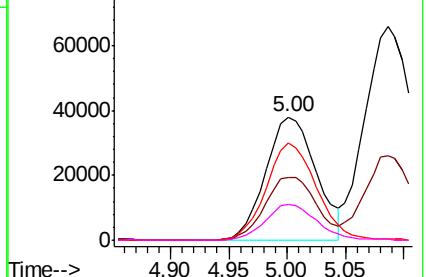
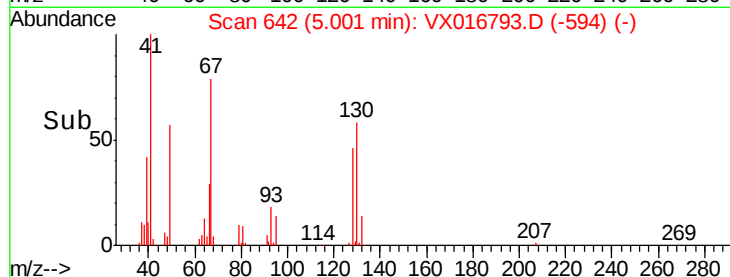


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 315.155 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016793.D

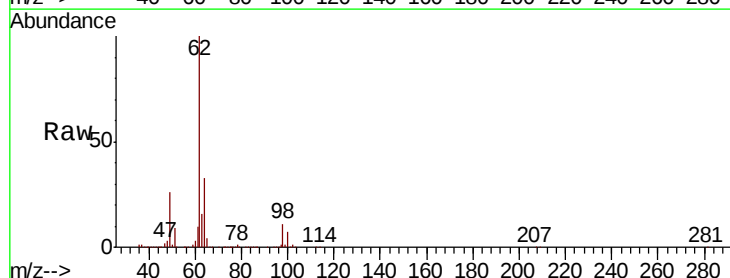
Acq: 16 Jun 2020 20:25

Tgt Ion: 62 Resp: 1305486

Ion Ratio Lower Upper

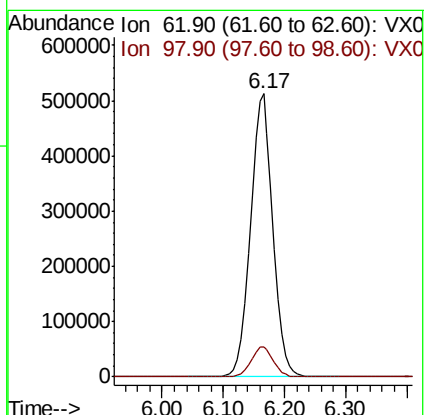
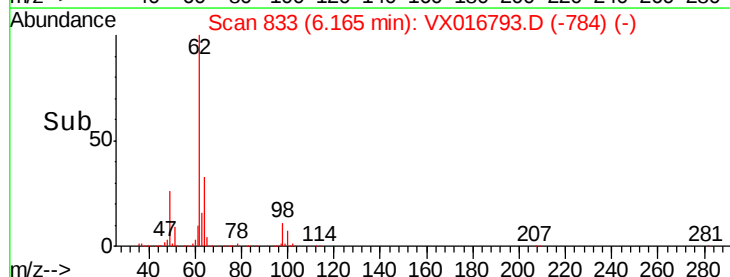
62 100

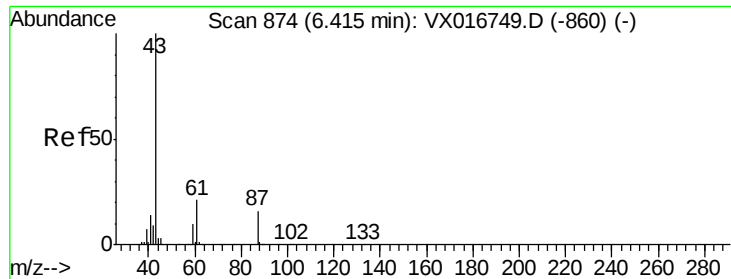
98 10.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



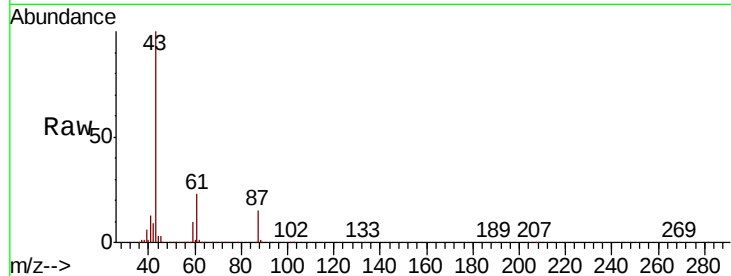


#43

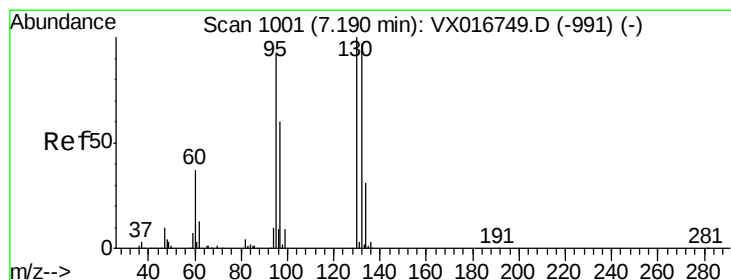
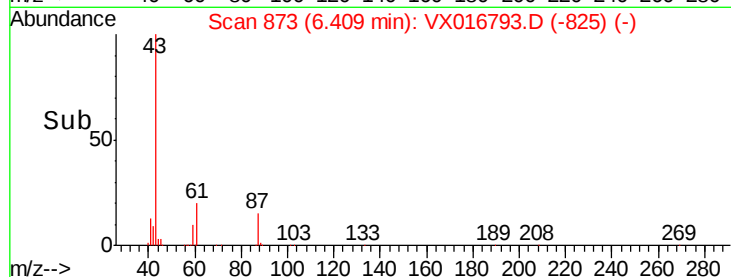
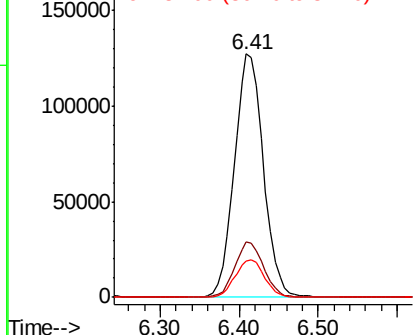
Isopropyl Acetate
 Concen: 50.658 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

Tot Ion: 43 Resp: 324106
 Ion Ratio Lower Upper
 43 100
 61 22.5 17.7 26.5
 87 15.8 12.5 18.7



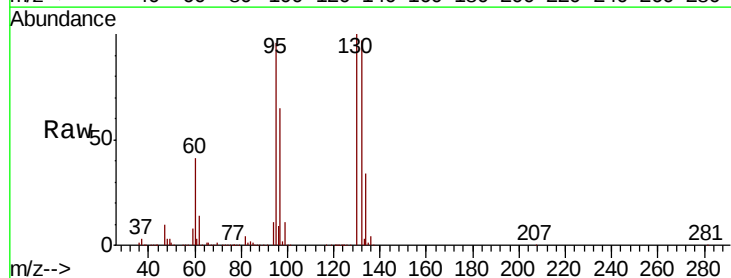
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



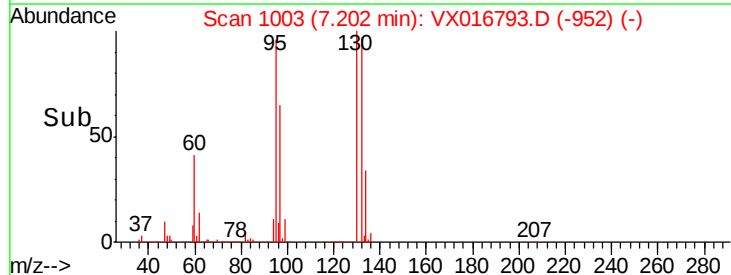
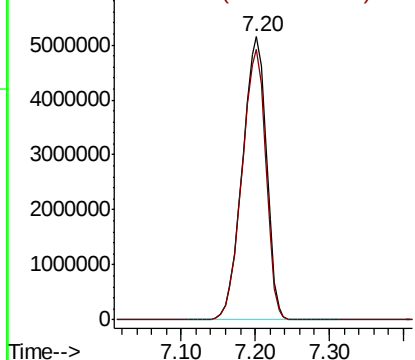
#44

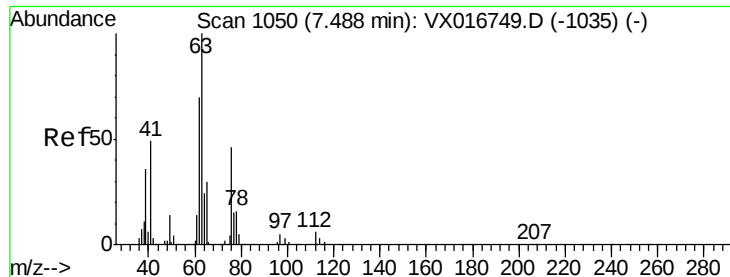
Trichloroethene
 Concen: 3334.202 ug/l
 RT: 7.20 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Tgt Ion:130 Resp:11705308
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.939 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

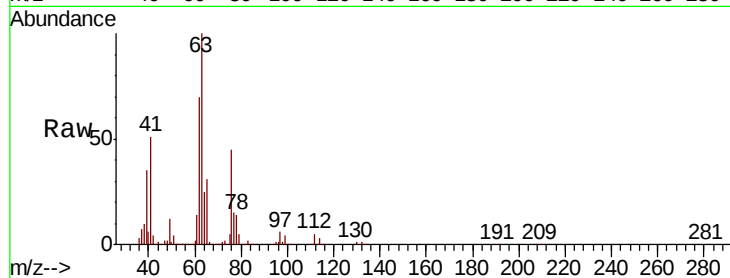
SS043MW014-200610MSD

Tot Ion: 63 Resp: 152850

Ion Ratio Lower Upper

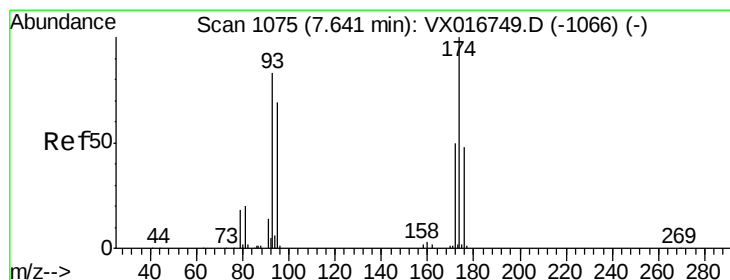
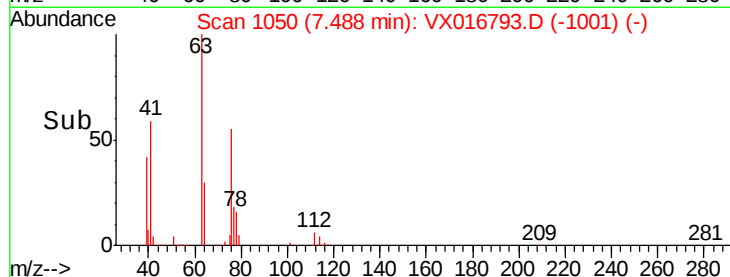
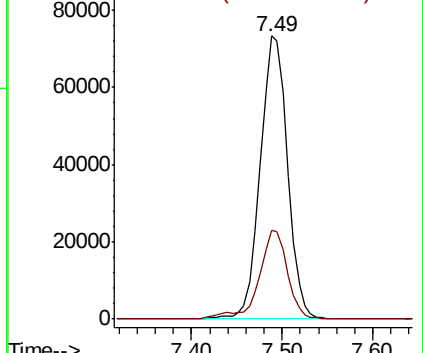
63 100

65 31.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.224 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

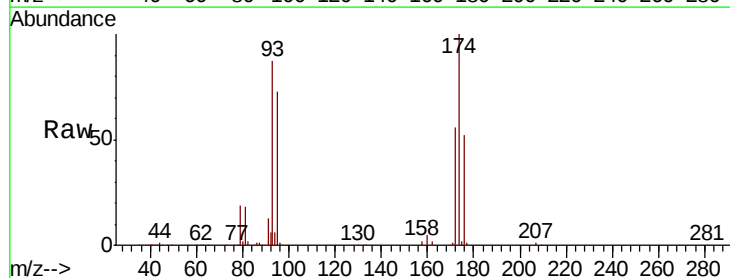
Tgt Ion: 93 Resp: 101843

Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

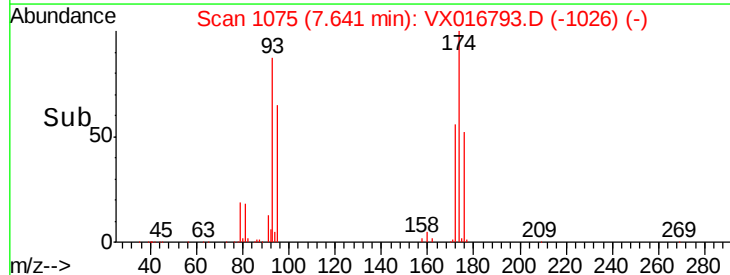
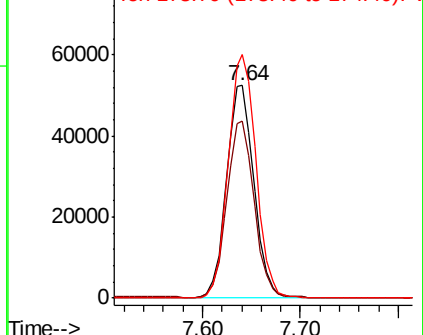
174 116.0 93.8 140.8

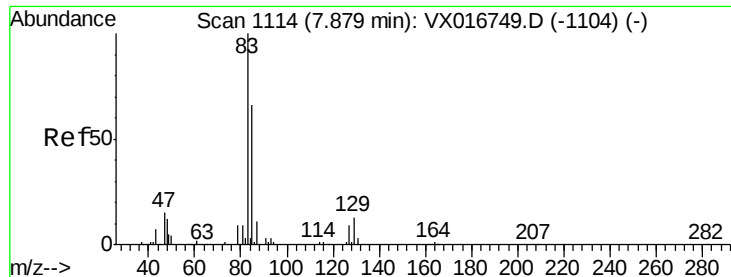


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.470 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

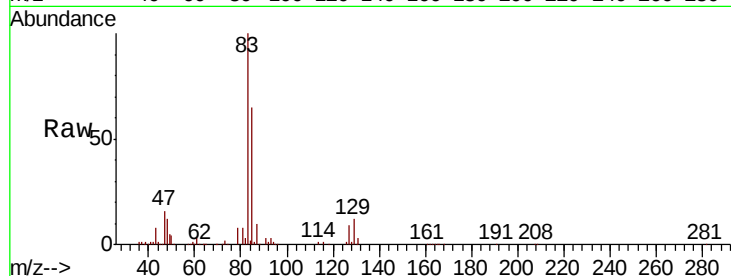
Tot Ion: 83 Resp: 209133

Ion Ratio Lower Upper

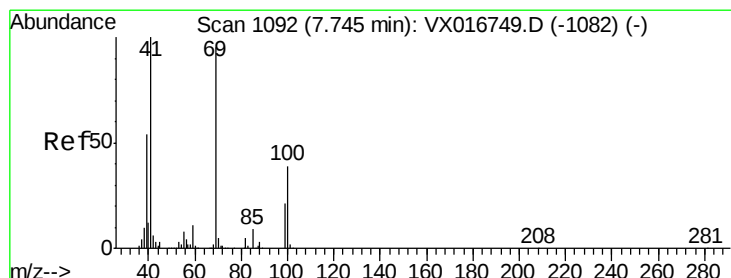
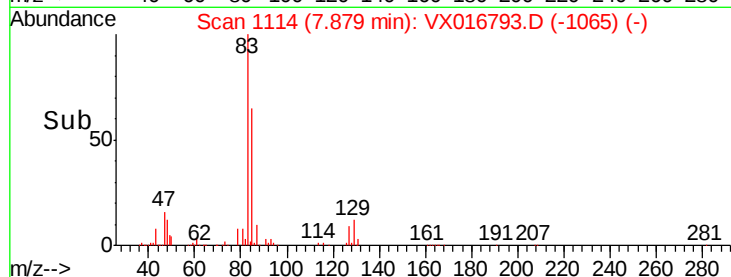
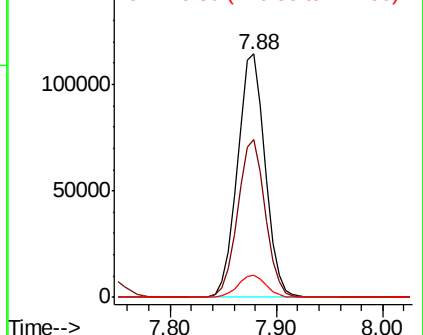
83 100

85 64.7 52.5 78.7

127 9.2 7.5 11.3



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: 52.725 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

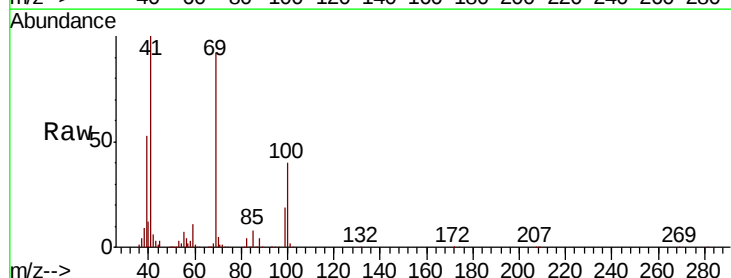
Tgt Ion: 41 Resp: 159883

Ion Ratio Lower Upper

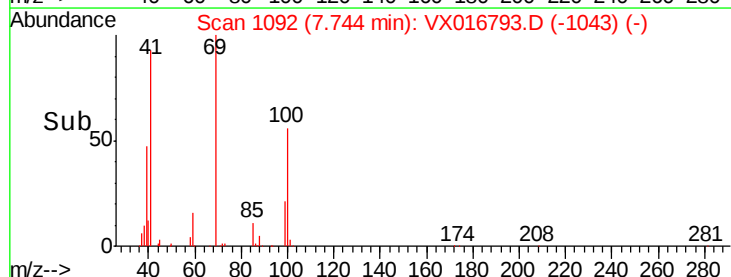
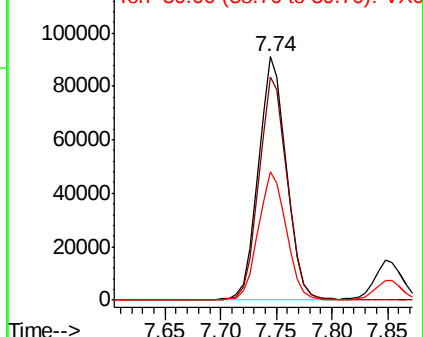
41 100

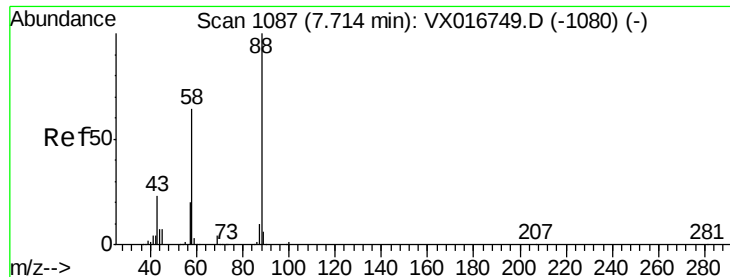
69 92.8 75.0 112.6

39 53.0 44.3 66.5



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: 975.781 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

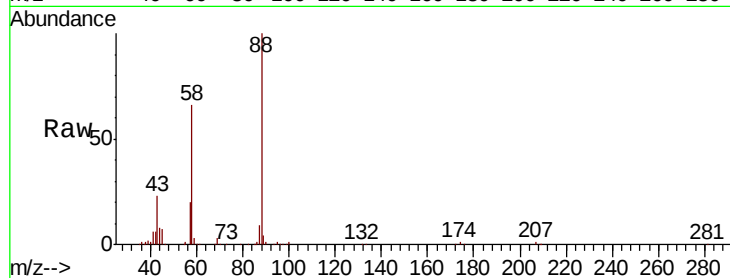
Tot Ion: 88 Resp: 73226

Ion Ratio Lower Upper

88 100

43 28.3 22.9 34.3

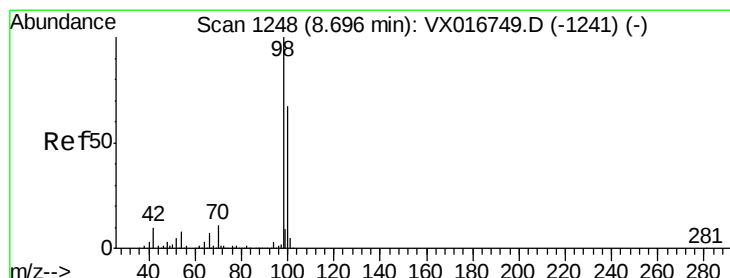
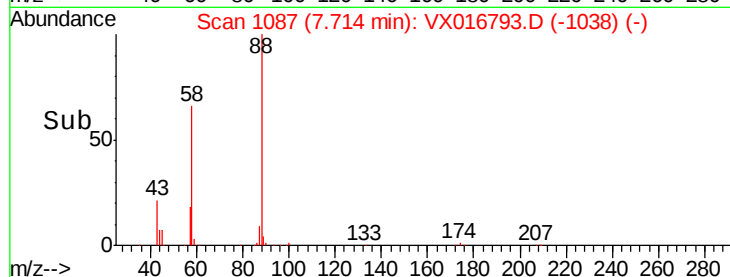
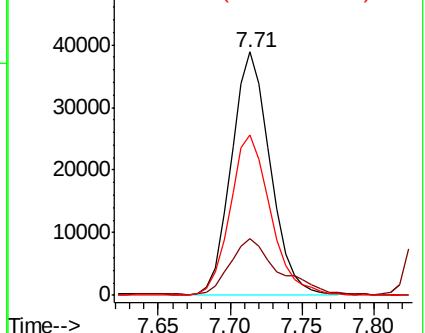
58 68.6 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.275 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016793.D

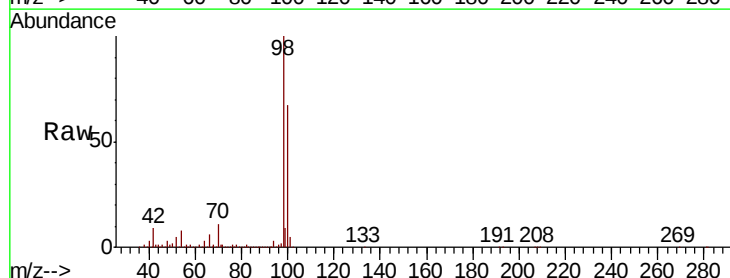
Acq: 16 Jun 2020 20:25

Tgt Ion: 98 Resp: 472848

Ion Ratio Lower Upper

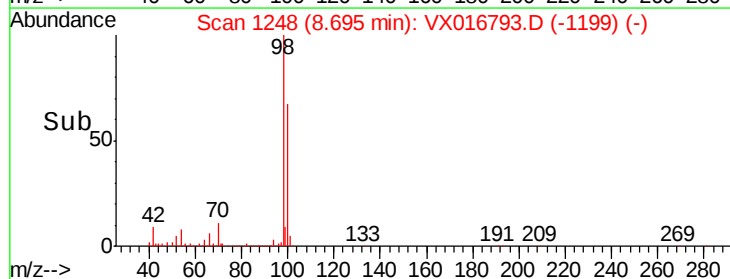
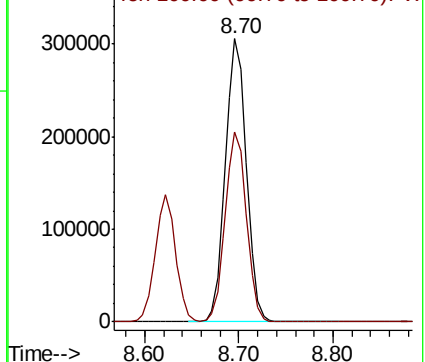
98 100

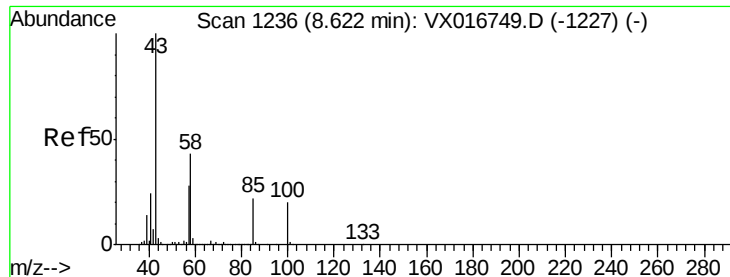
100 67.8 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 262.325 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

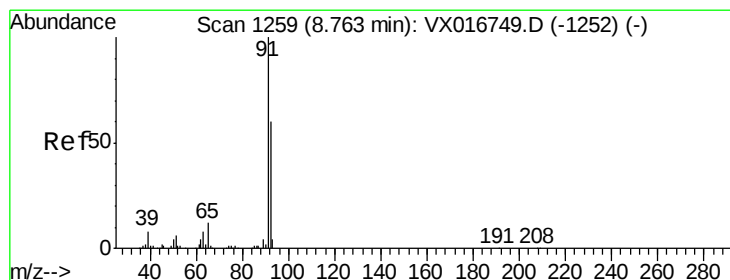
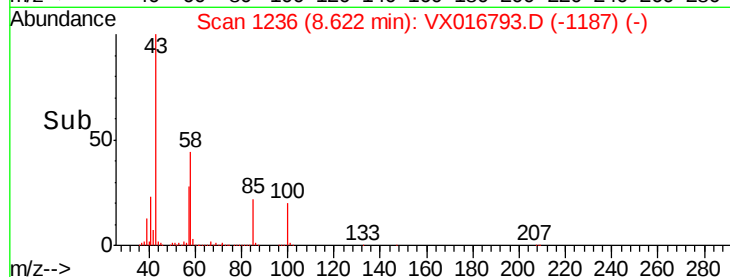
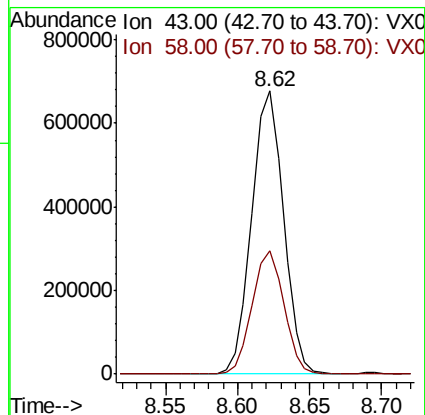
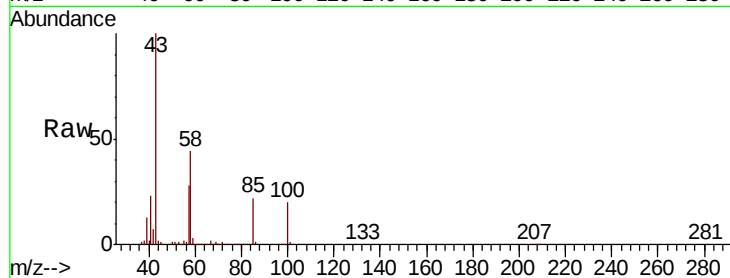
SS043MW014-200610MSD

Tot Ion: 43 Resp: 1034217

Ion Ratio Lower Upper

43 100

58 43.7 34.6 52.0



#52

Toluene

Concen: 50.673 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016793.D

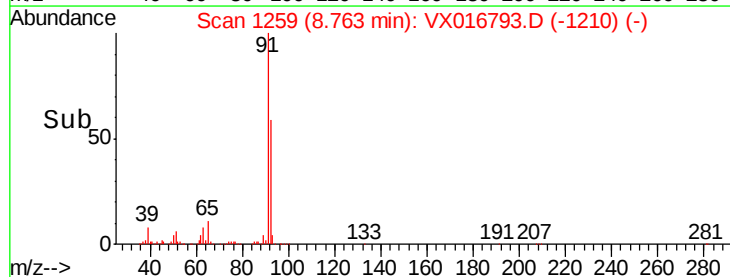
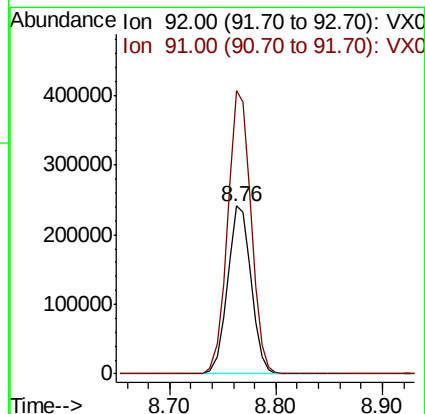
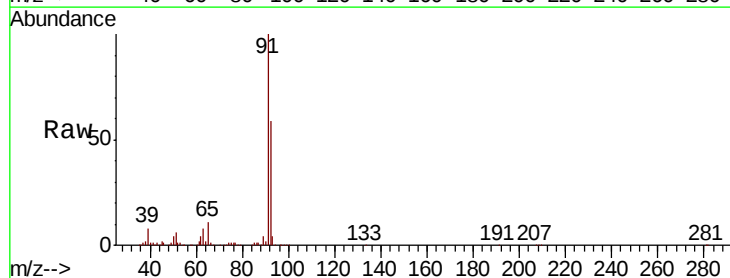
Acq: 16 Jun 2020 20:25

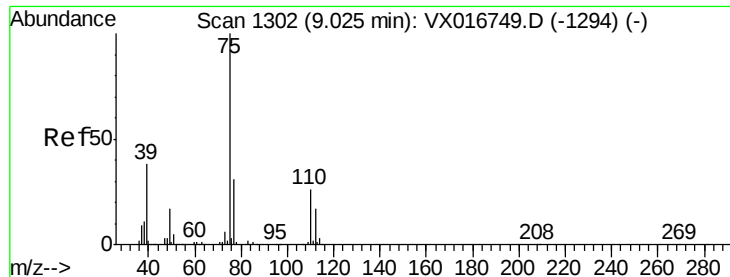
Tgt Ion: 92 Resp: 373568

Ion Ratio Lower Upper

92 100

91 168.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 49.577 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

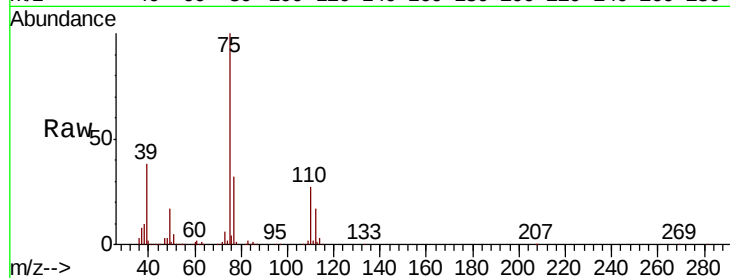
SS043MW014-200610MSD

Tot Ion: 75 Resp: 236721

Ion Ratio Lower Upper

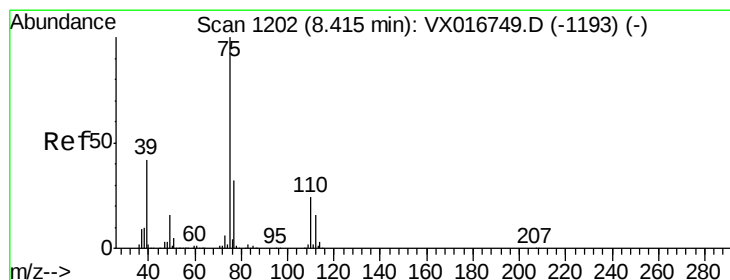
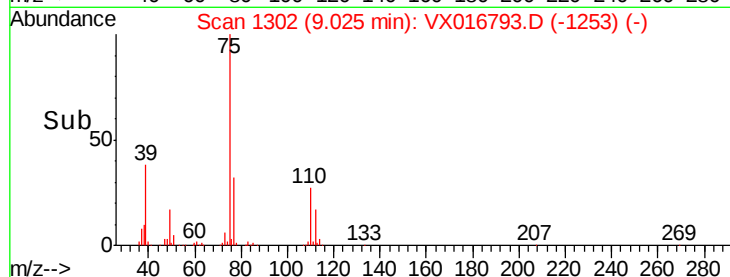
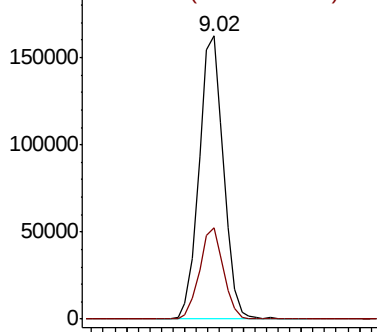
75 100

77 32.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.612 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

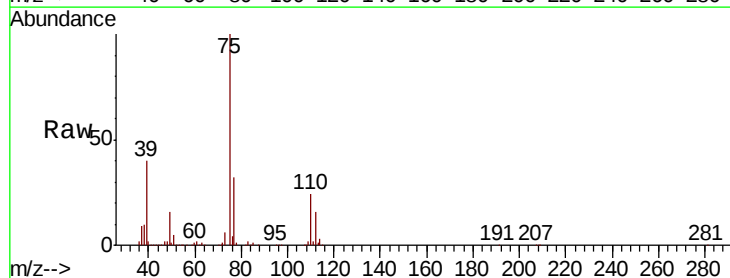
Tgt Ion: 75 Resp: 242120

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

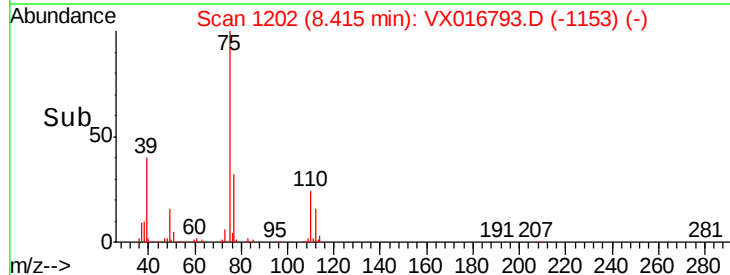
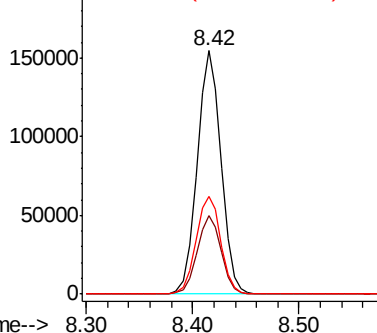
39 40.3 33.7 50.5

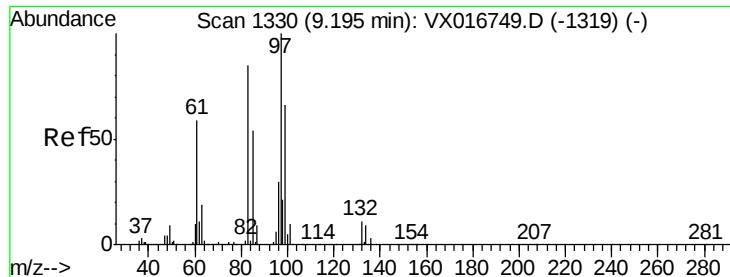


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 60.786 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

Tot Ion: 97 Resp: 180215

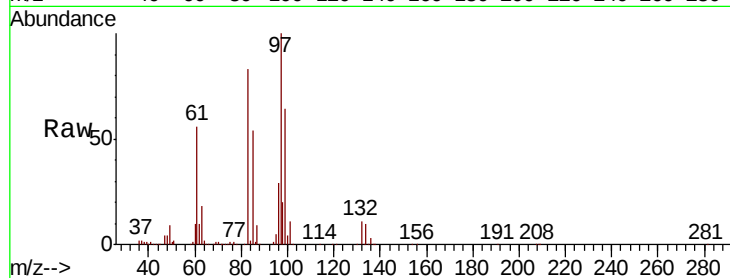
Ion Ratio Lower Upper

97 100

83 82.8 68.3 102.5

85 53.5 43.5 65.3

99 64.3 52.4 78.6



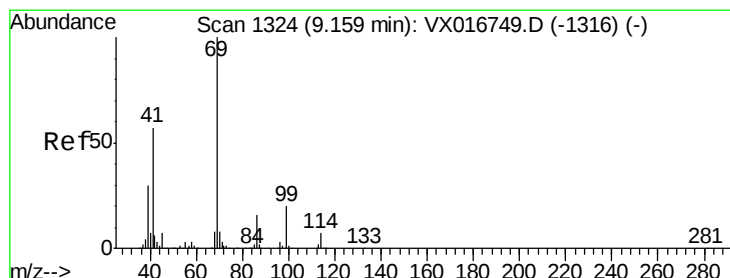
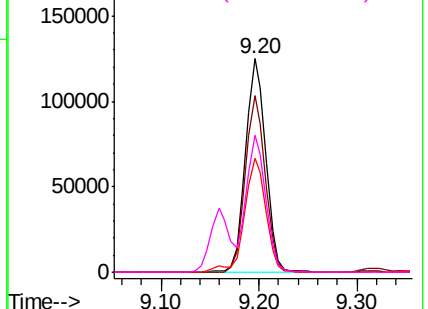
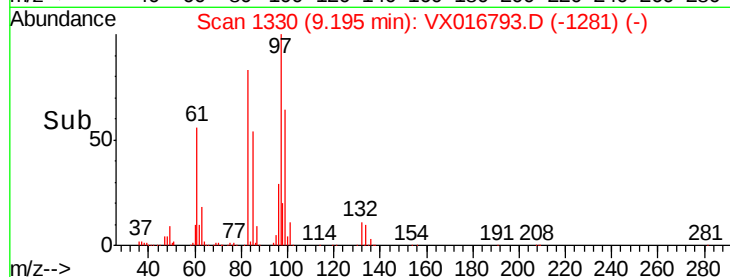
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.126 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

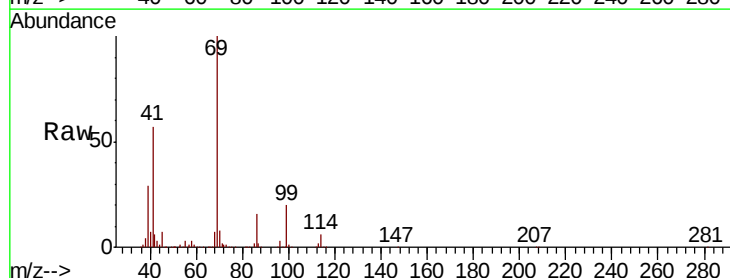
Tgt Ion: 69 Resp: 240261

Ion Ratio Lower Upper

69 100

41 58.8 47.1 70.7

39 29.3 25.0 37.6

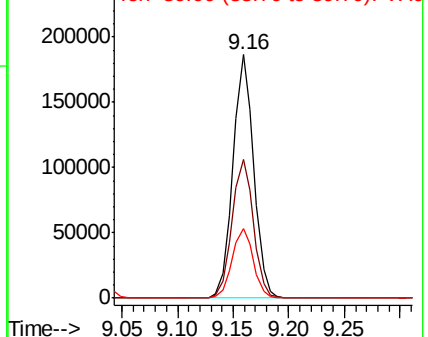
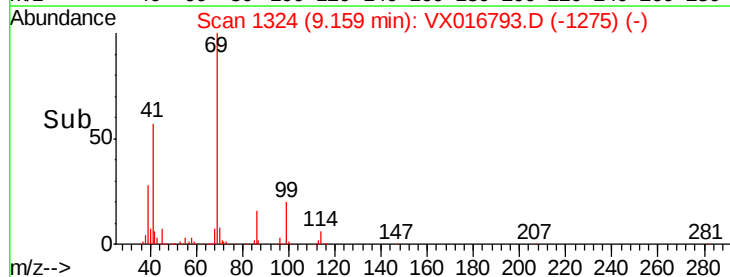


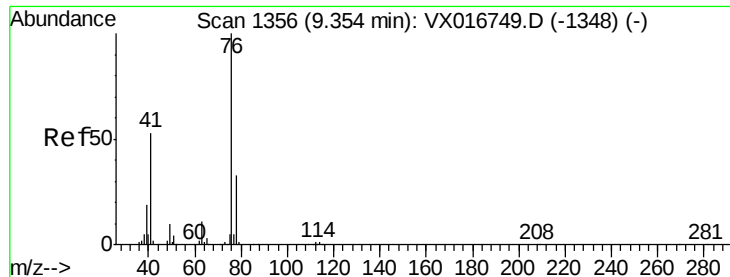
Abundance

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: 50.837 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

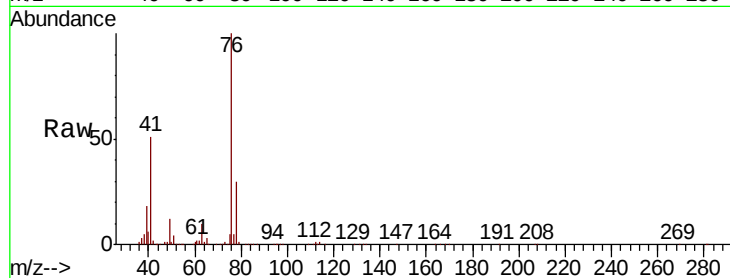
SS043MW014-200610MSD

Tot Ion: 76 Resp: 253357

Ion Ratio Lower Upper

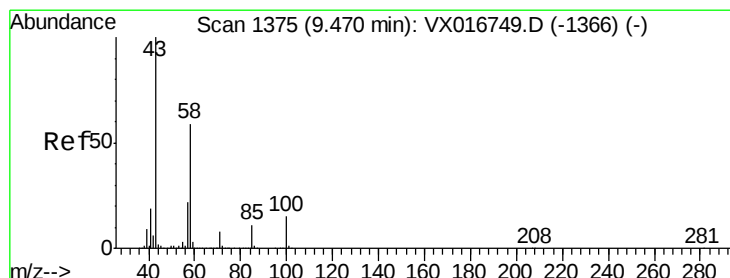
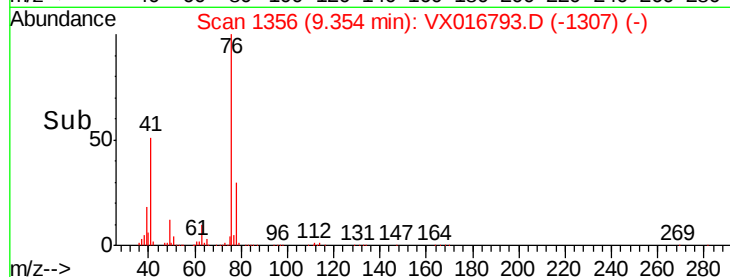
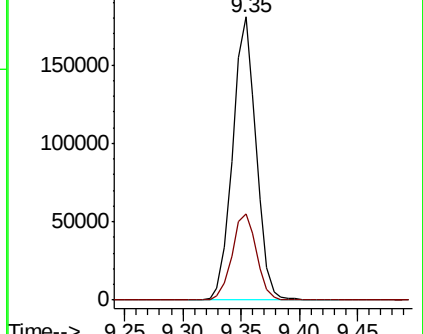
76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 265.845 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016793.D

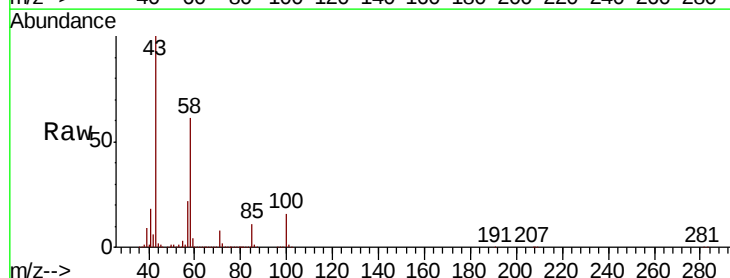
Acq: 16 Jun 2020 20:25

Tgt Ion: 43 Resp: 809092

Ion Ratio Lower Upper

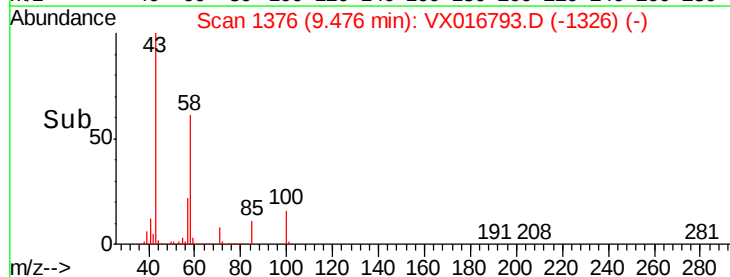
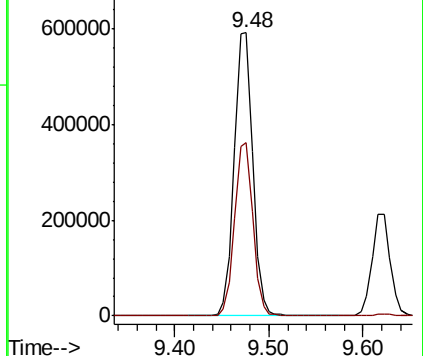
43 100

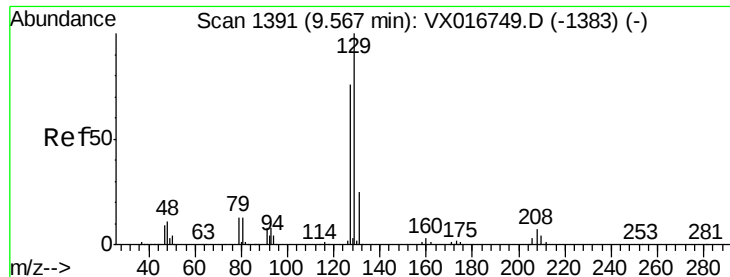
58 60.6 29.9 89.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.457 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

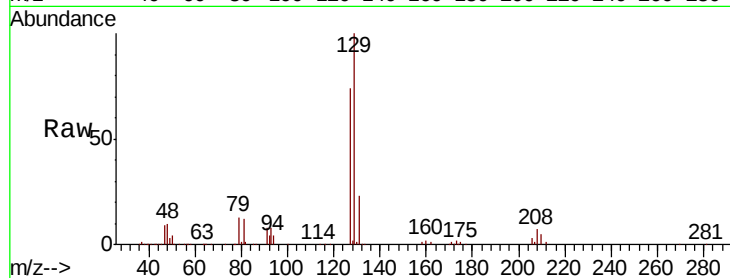
SS043MW014-200610MSD

Tot Ion:129 Resp: 183806

Ion Ratio Lower Upper

129 100

127 75.5 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

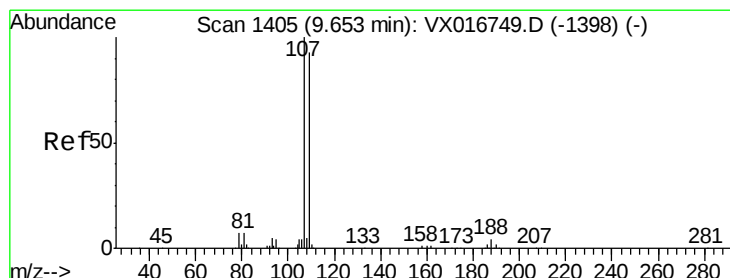
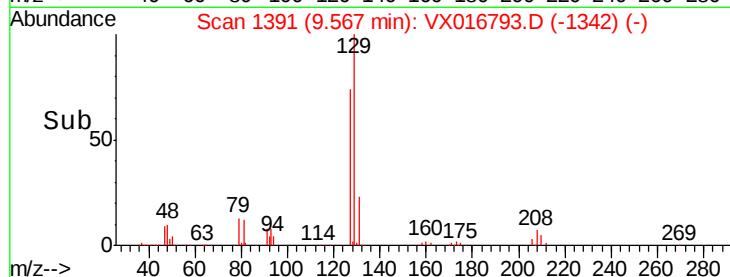
9.57

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.496 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016793.D

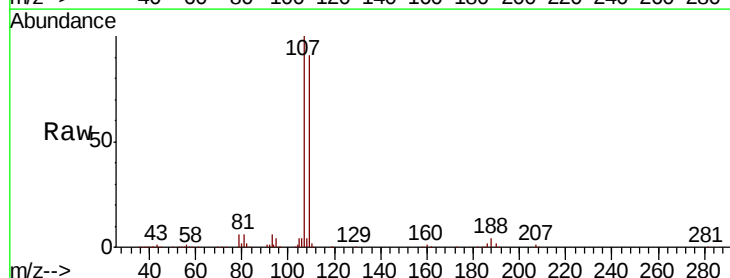
Acq: 16 Jun 2020 20:25

Tgt Ion:107 Resp: 166389

Ion Ratio Lower Upper

107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

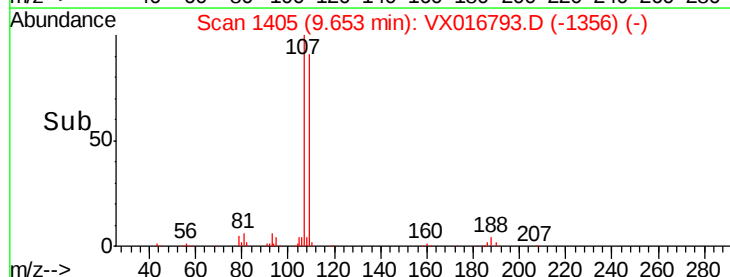
9.65

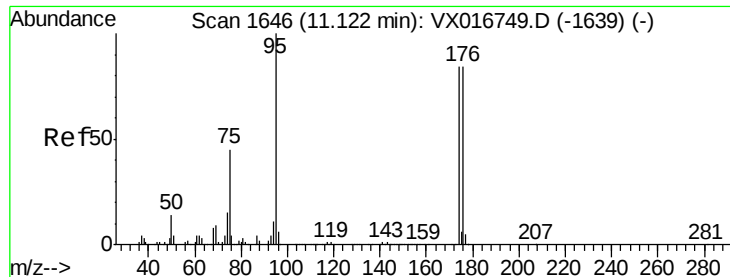
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.146 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

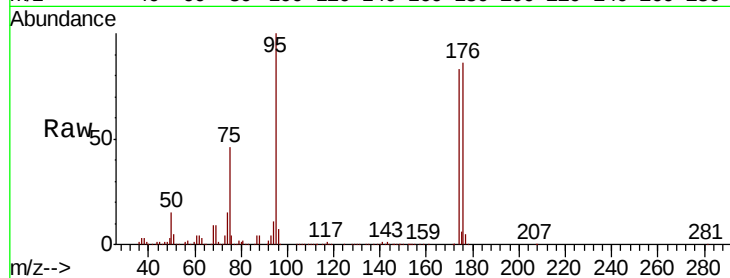
Tot Ion: 95 Resp: 184064

Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.0

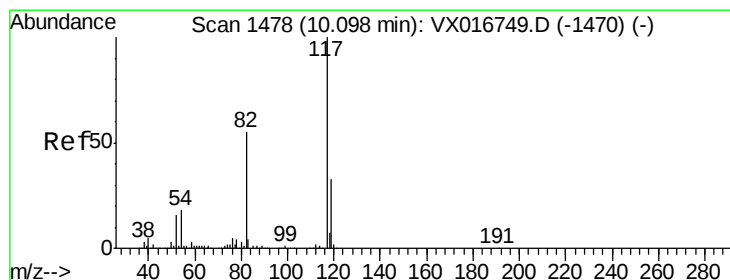
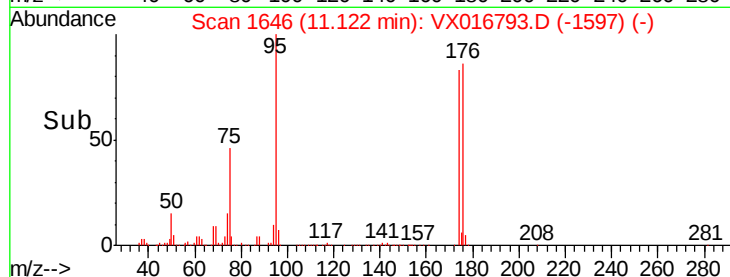
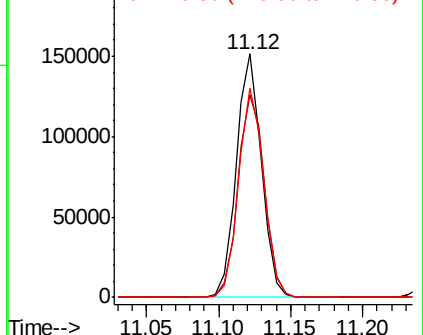
176 86.0 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

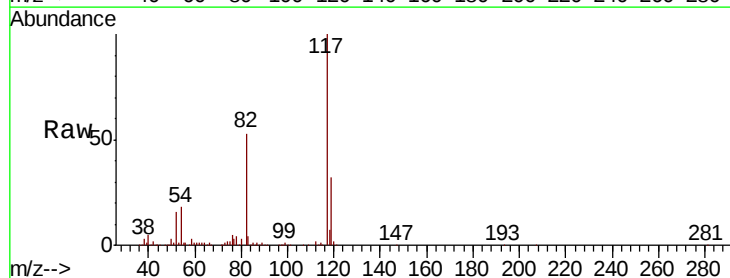
Tgt Ion: 117 Resp: 401584

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.6

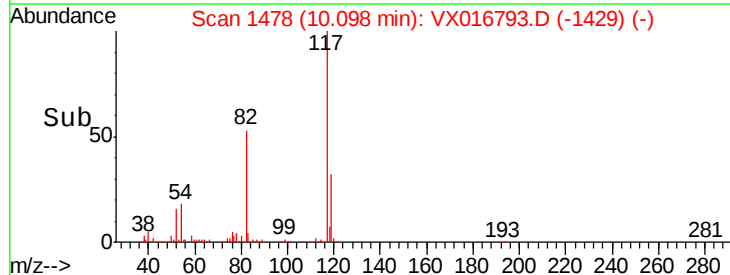
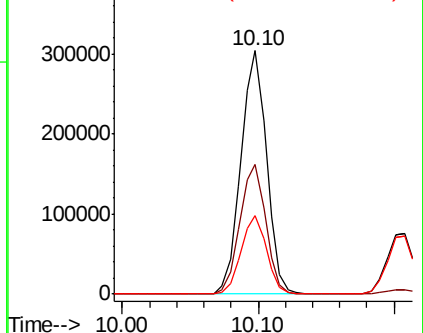
119 32.1 26.2 39.4

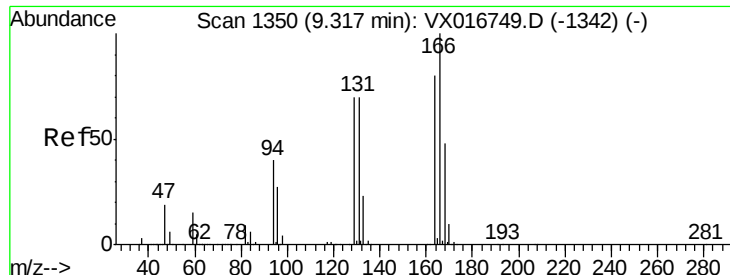


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 48.869 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

Tot Ion:164 Resp: 188451

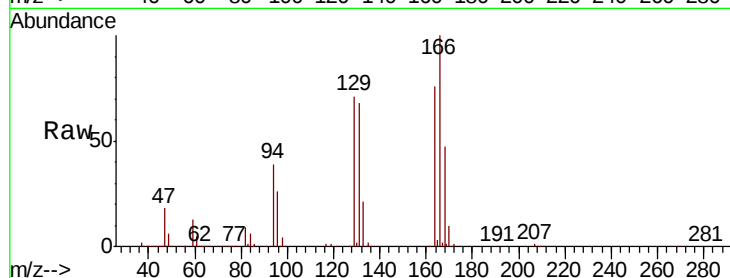
Ion Ratio Lower Upper

164 100

166 131.9 100.6 150.8

129 93.1 70.1 105.1

131 89.4 70.8 106.2

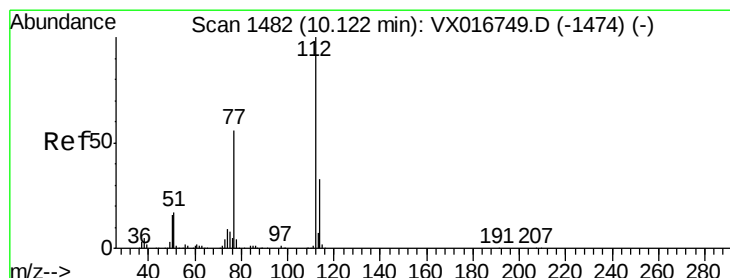
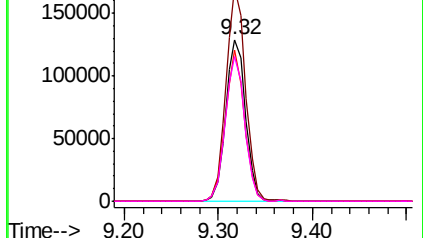
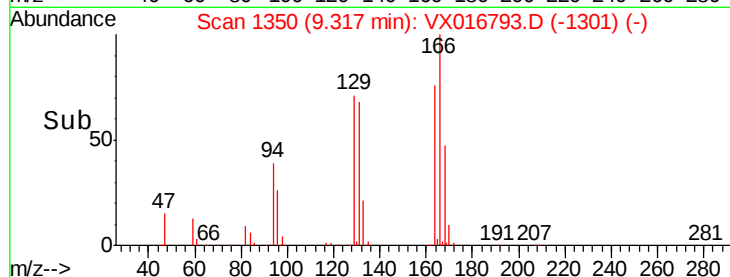


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.553 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016793.D

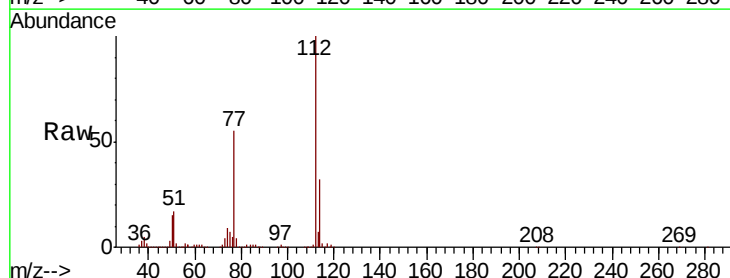
Acq: 16 Jun 2020 20:25

Tgt Ion:112 Resp: 411936

Ion Ratio Lower Upper

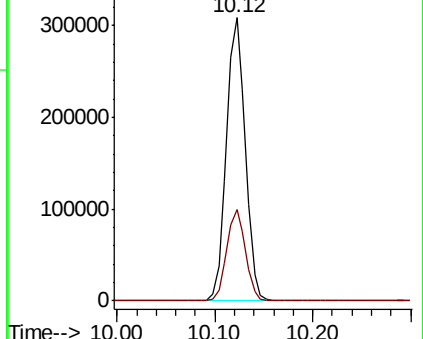
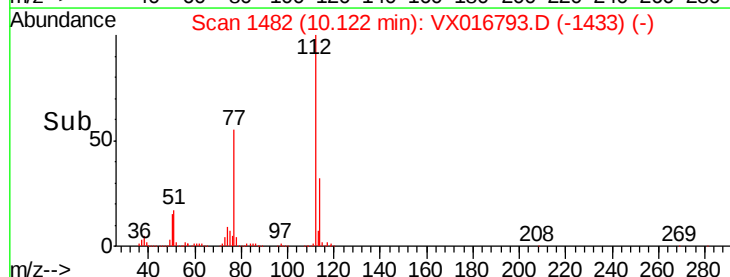
112 100

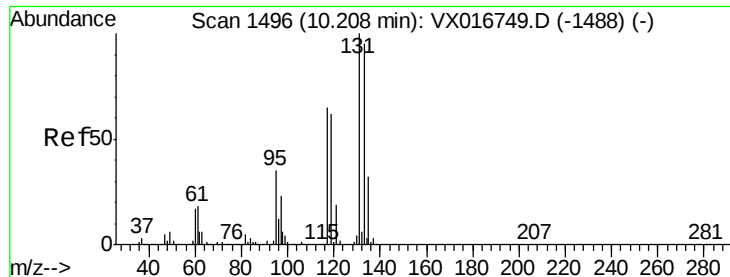
114 32.4 26.2 39.4



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: 49.816 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

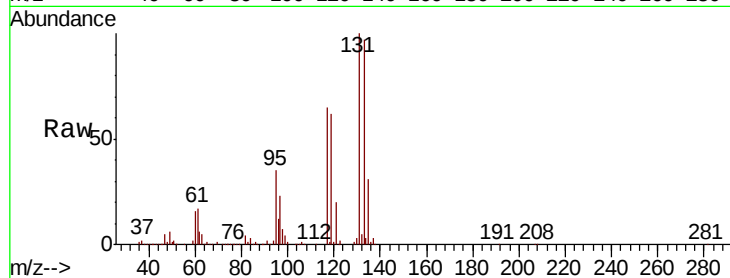
Tot Ion:131 Resp: 161936

Ion Ratio Lower Upper

131 100

133 96.8 46.8 140.3

119 62.4 31.4 94.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

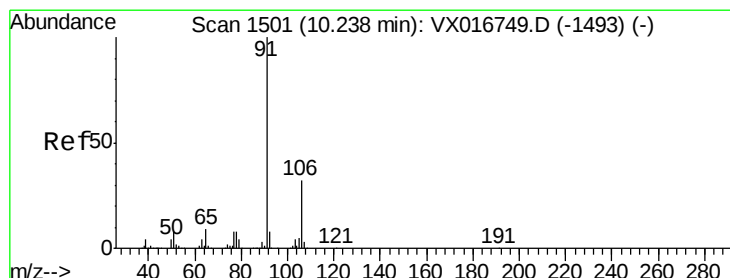
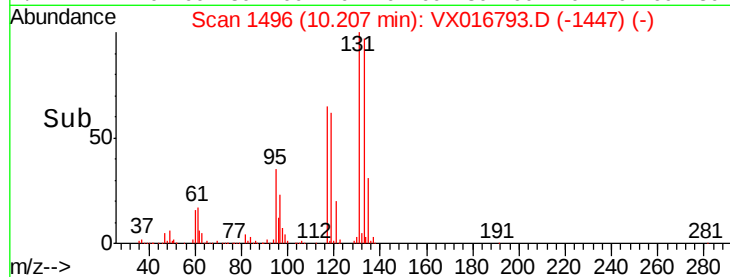
100000

50000

0

10.10 10.20 10.30

Time-->



#67

Ethyl Benzene

Concen: 51.795 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016793.D

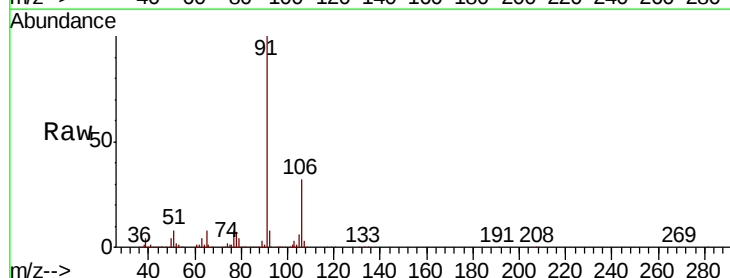
Acq: 16 Jun 2020 20:25

Tgt Ion: 91 Resp: 713493

Ion Ratio Lower Upper

91 100

106 31.7 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

1000000

800000

600000

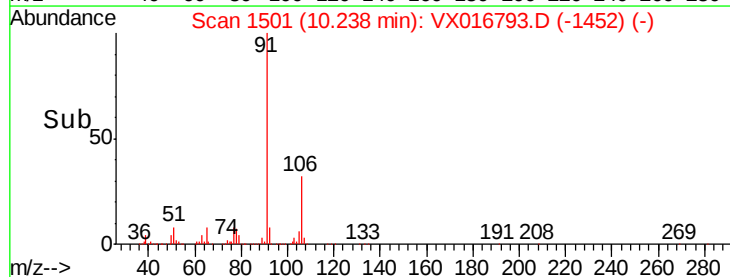
400000

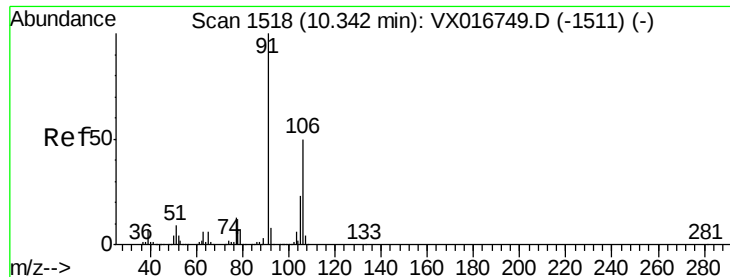
200000

0

10.20 10.30

Time-->

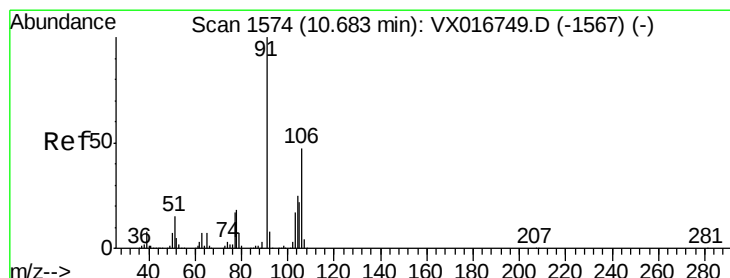
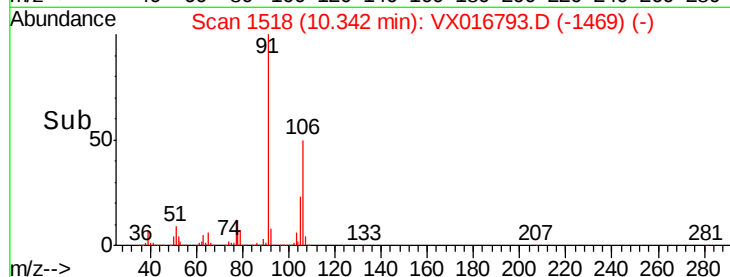
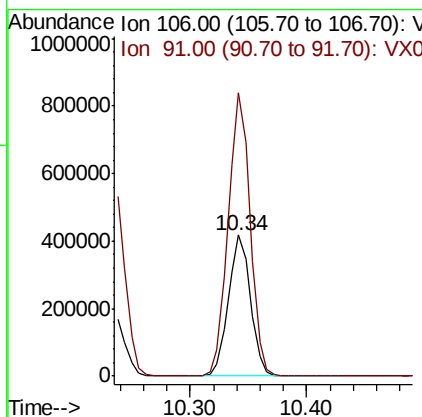
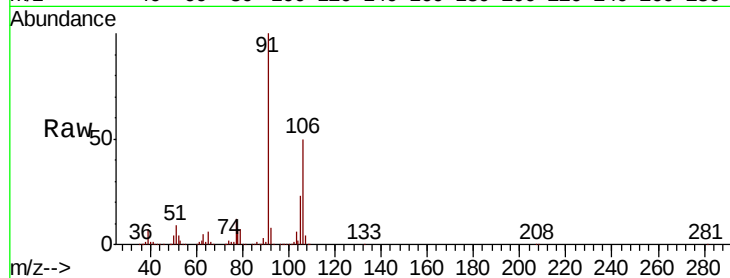




#68
m/p-Xylenes
Concen: 105.249 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

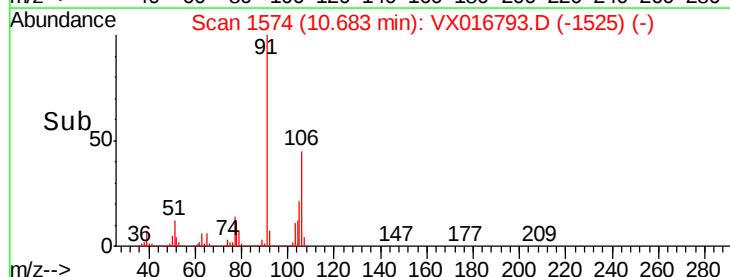
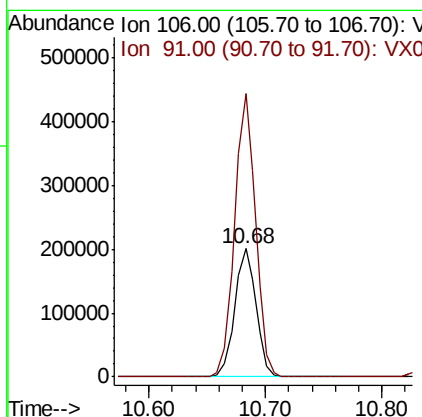
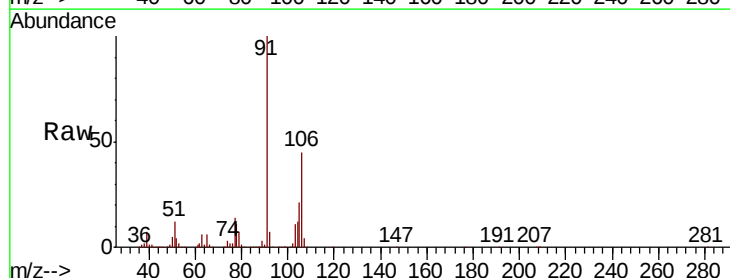
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

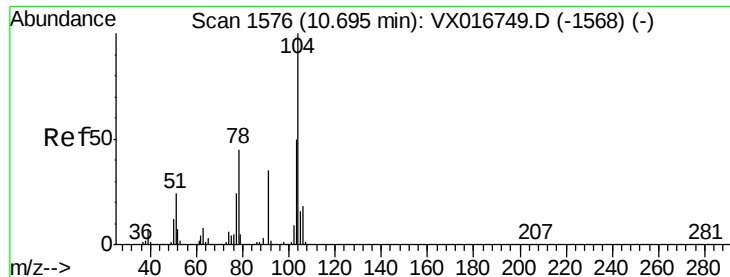
Tot Ion:106 Resp: 549716
Ion Ratio Lower Upper
106 100
91 200.6 161.2 241.8



#69
o-Xylene
Concen: 50.946 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion:106 Resp: 256348
Ion Ratio Lower Upper
106 100
91 217.3 106.9 320.8

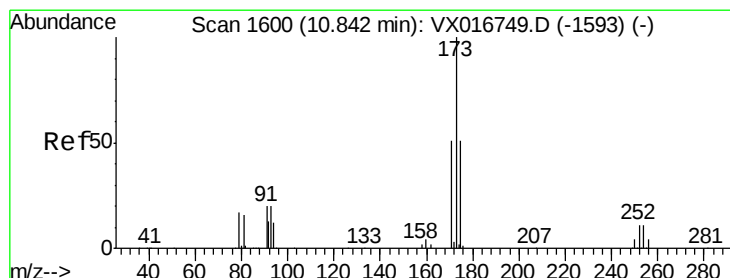
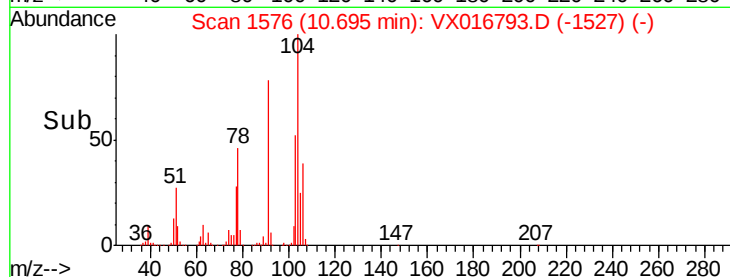
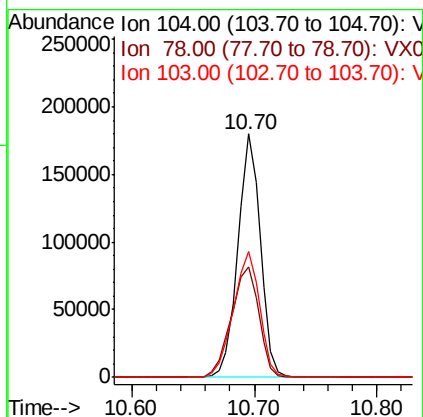
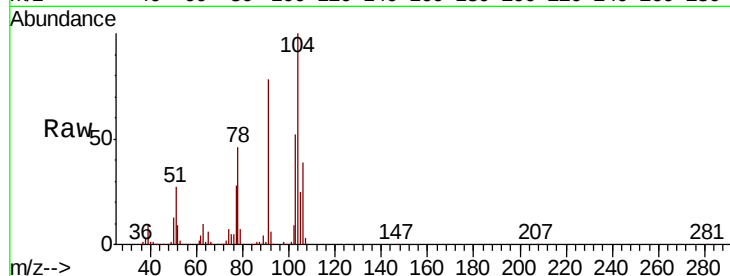




#70
Stvrene
Concen: 26.189 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

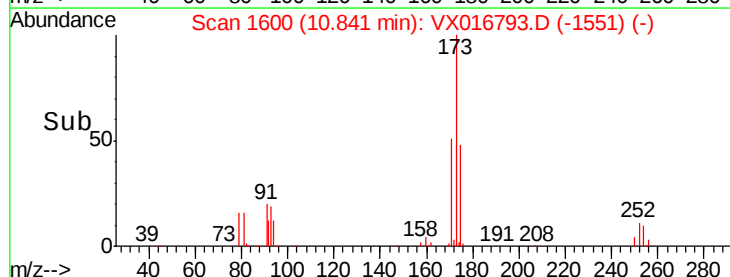
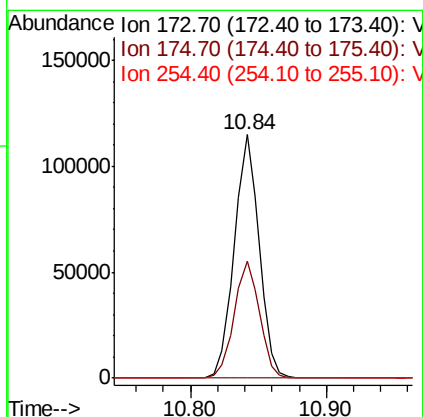
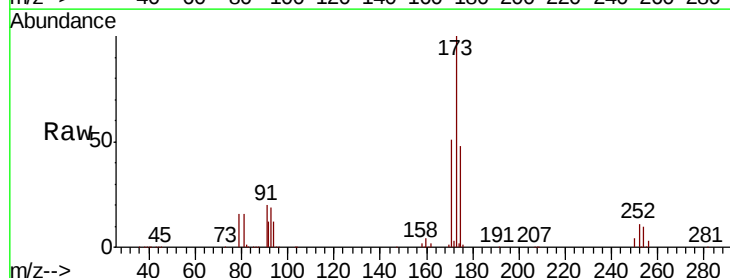
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

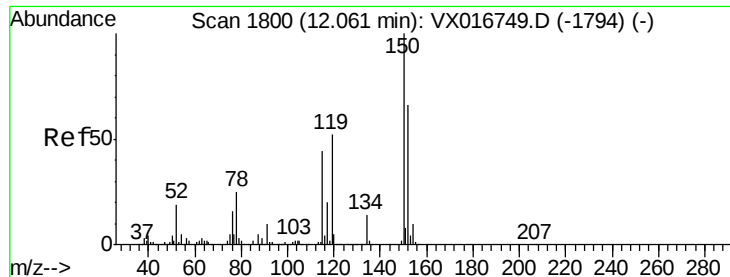
Tot Ion	Ratio	Lower	Upper
104	100		
78	55.6	39.8	59.8
103	60.4	43.4	65.2



#71
Bromoform
Concen: 52.587 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.1	75.4
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

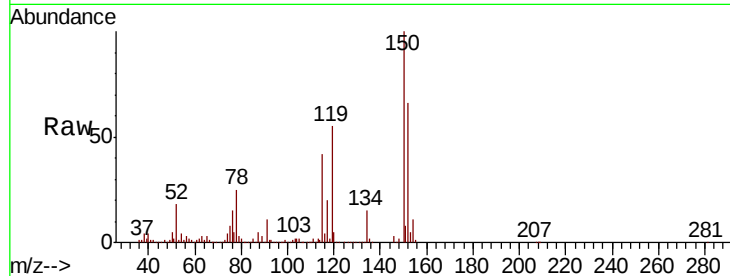
Tot Ion:152 Resp: 208852

Ion Ratio Lower Upper

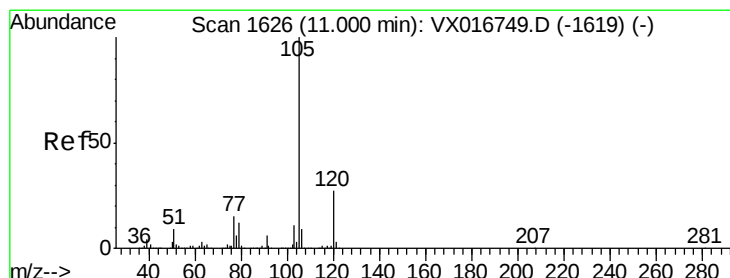
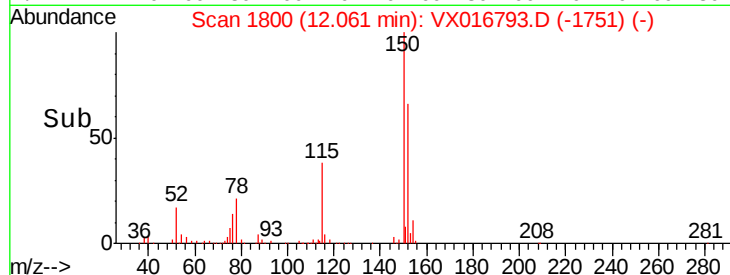
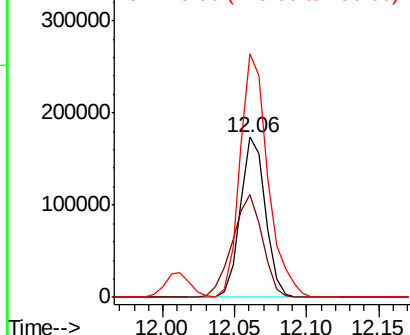
152 100

115 77.8 40.3 120.8

150 170.1 0.0 337.4



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



#73

Isopropylbenzene

Concen: 50.584 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016793.D

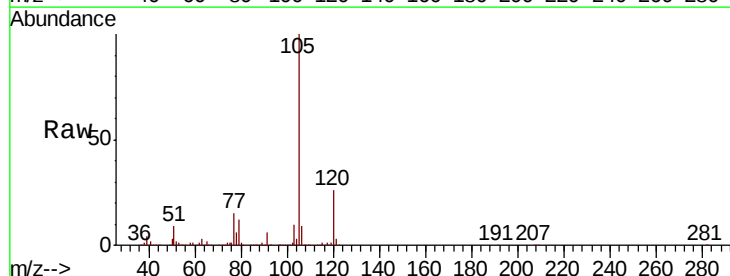
Acq: 16 Jun 2020 20:25

Tgt Ion:105 Resp: 693206

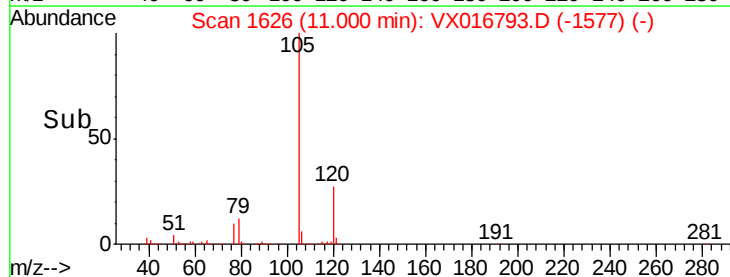
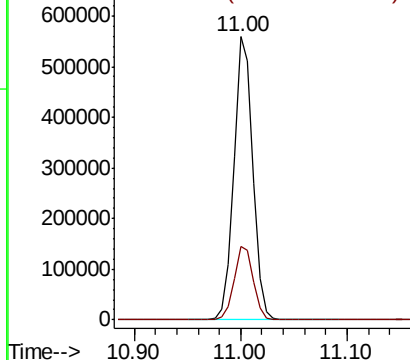
Ion Ratio Lower Upper

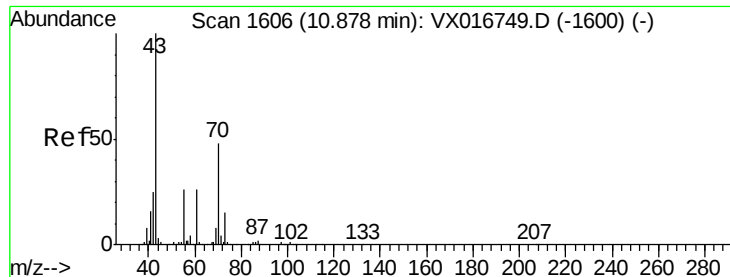
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.696 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

Tot Ion: 43 Resp: 275346

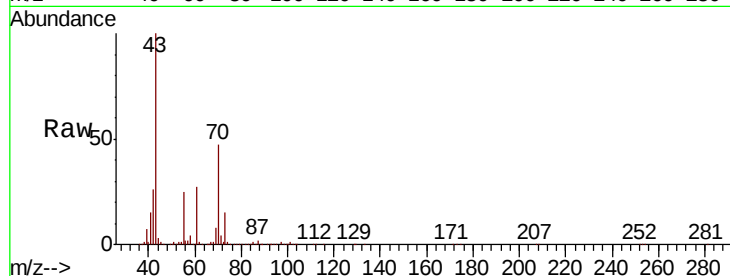
Ion Ratio Lower Upper

43 100

70 48.9 39.8 59.6

55 25.8 21.7 32.5

61 27.3 21.6 32.4

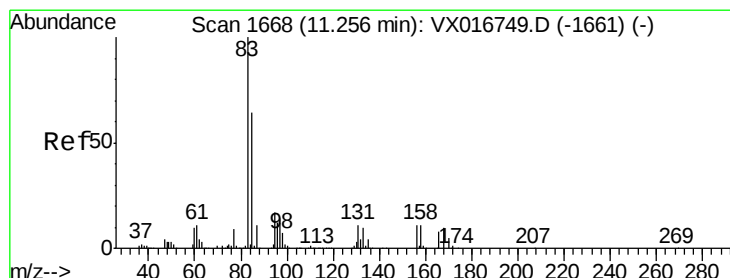
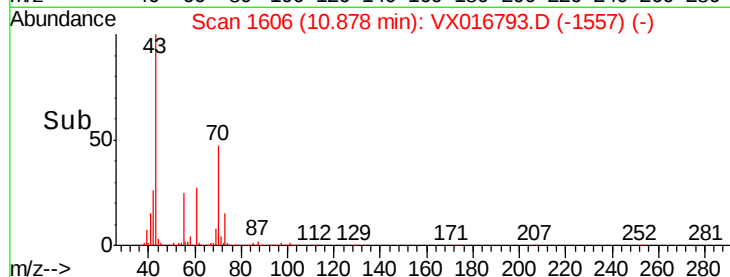
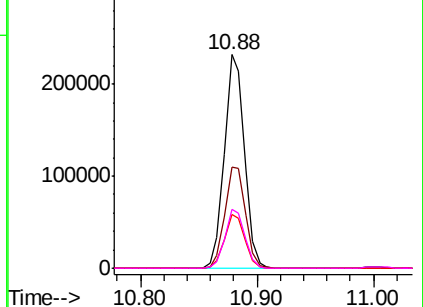


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.826 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

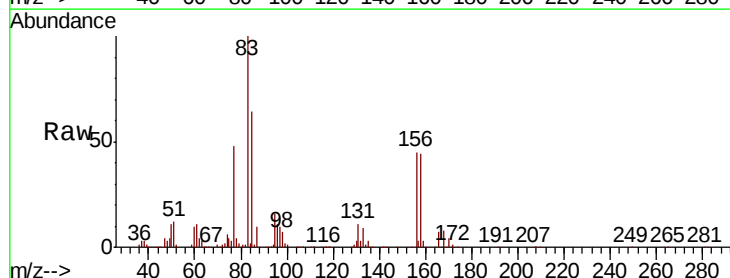
Tgt Ion: 83 Resp: 200859

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

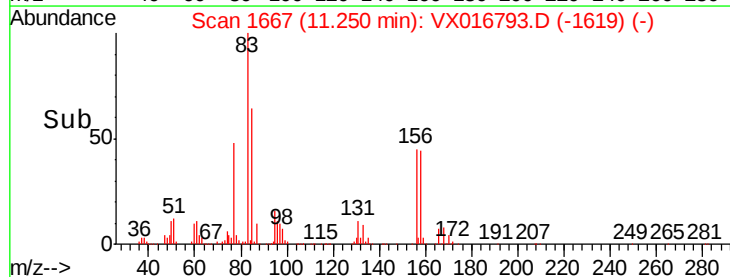
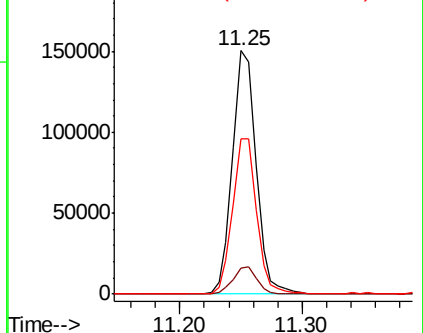
85 65.1 32.4 97.2

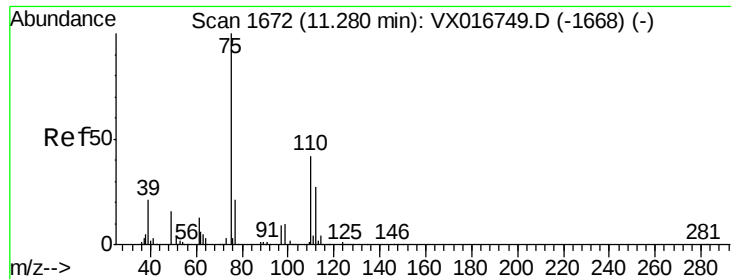


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 64.187 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

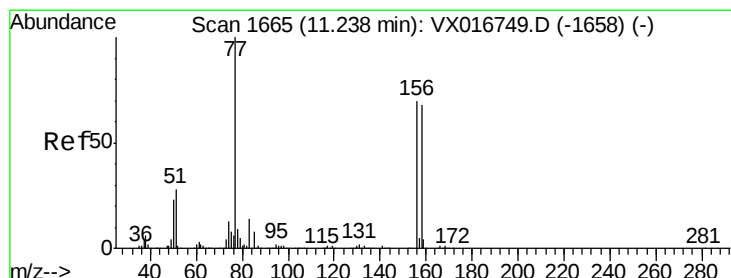
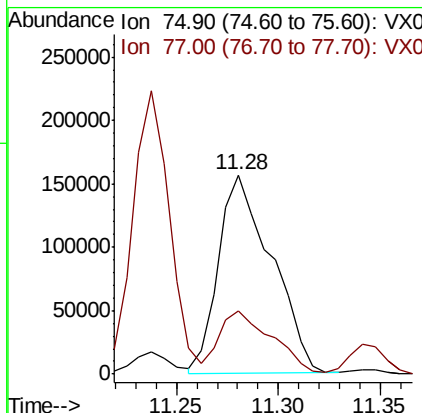
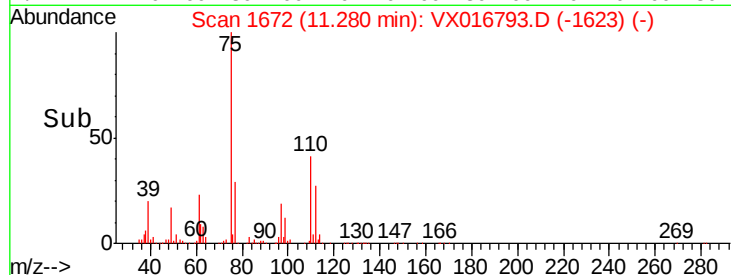
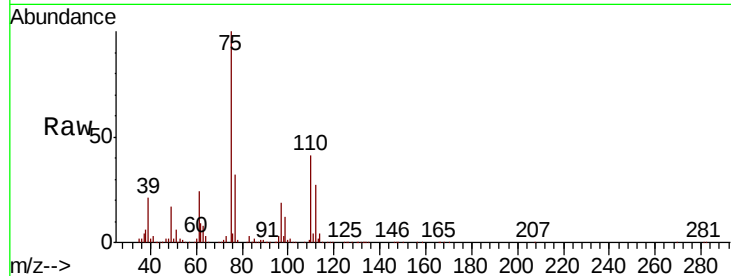
SS043MW014-200610MSD

Tot Ion: 75 Resp: 281915

Ion Ratio Lower Upper

75 100

77 31.7 20.3 60.9



#77

Bromobenzene

Concen: 49.255 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

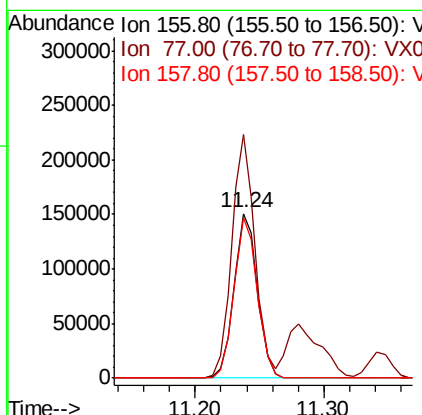
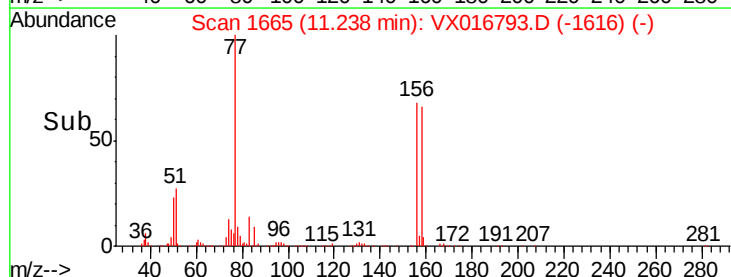
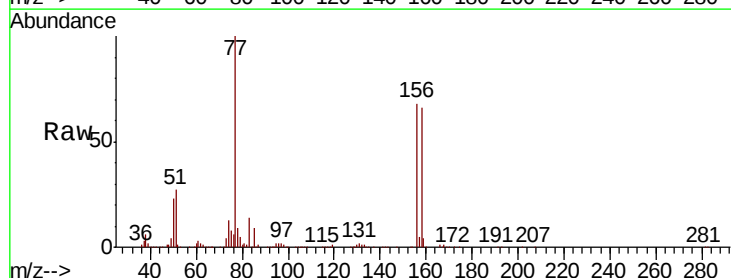
Tgt Ion: 156 Resp: 190585

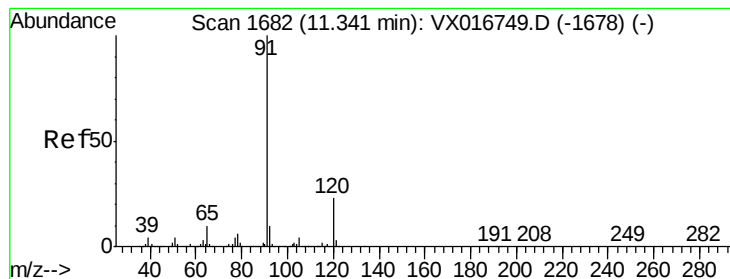
Ion Ratio Lower Upper

156 100

77 146.8 73.2 219.6

158 97.4 48.8 146.4





#78

n-propylbenzene

Concen: 51.535 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

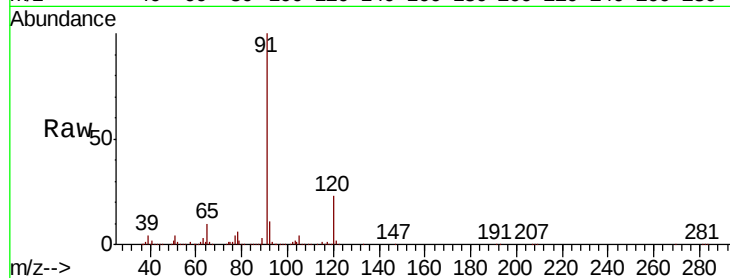
SS043MW014-200610MSD

Tot Ion: 91 Resp: 766971

Ion Ratio Lower Upper

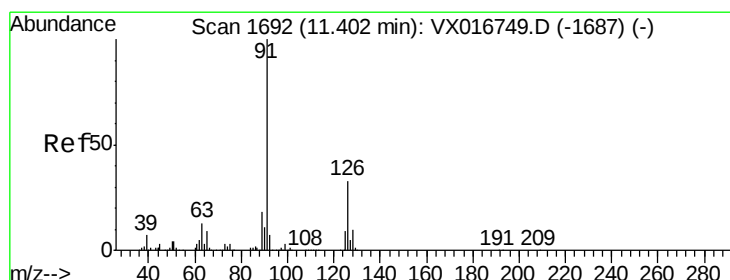
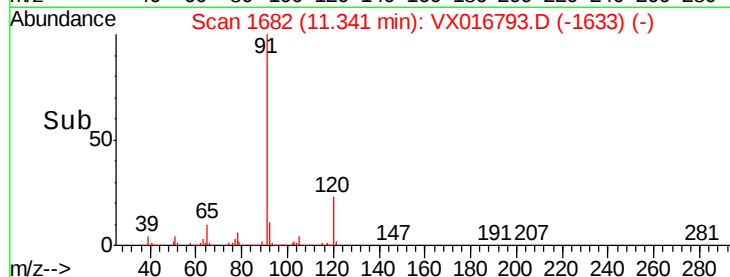
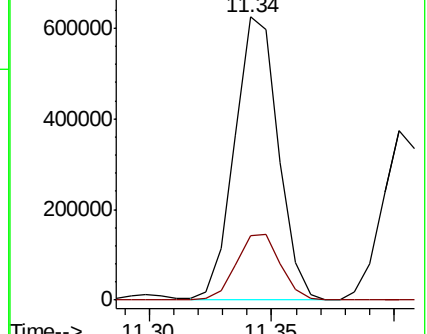
91 100

120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.150 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016793.D

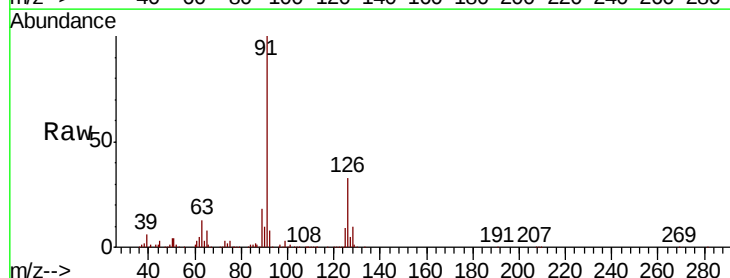
Acq: 16 Jun 2020 20:25

Tgt Ion: 91 Resp: 471961

Ion Ratio Lower Upper

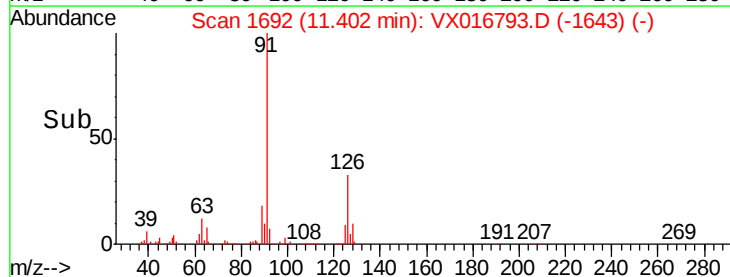
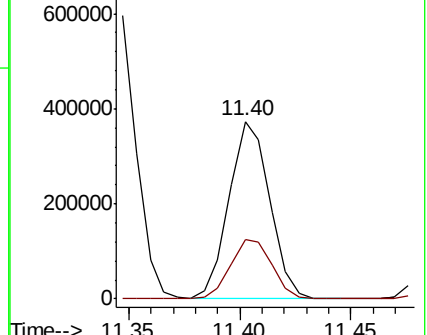
91 100

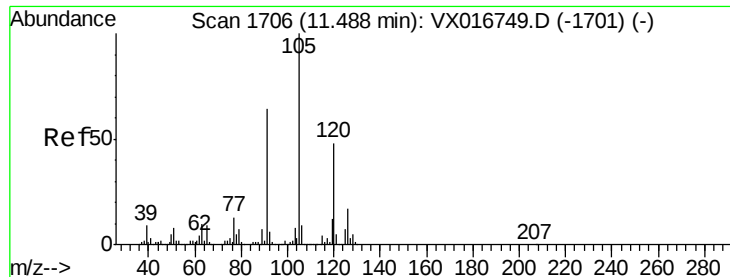
126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



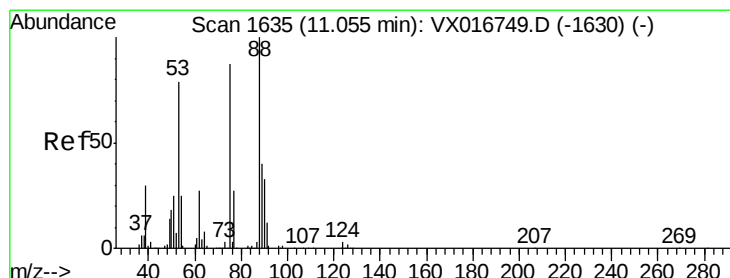
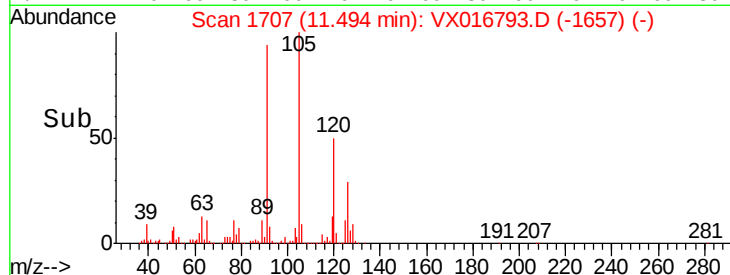
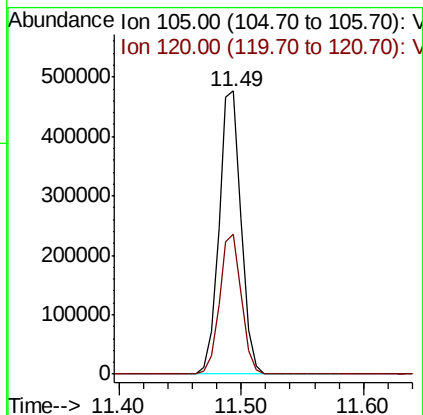
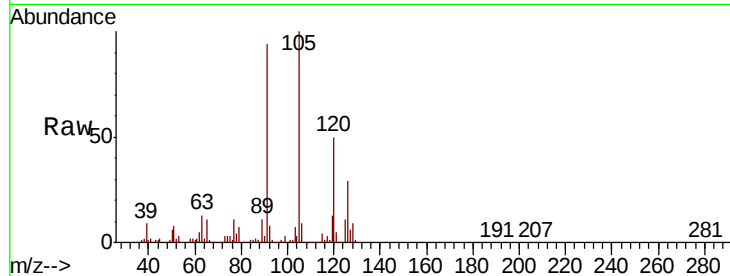


#80

1,3,5-Trimethylbenzene
Concen: 51.711 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

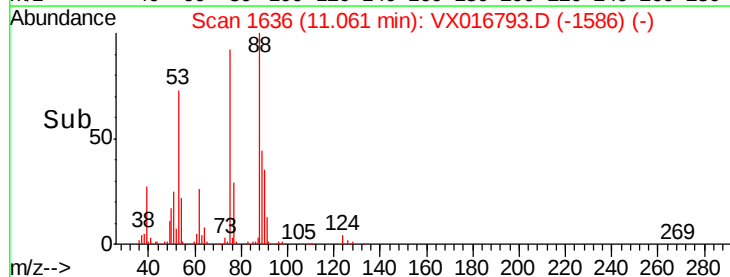
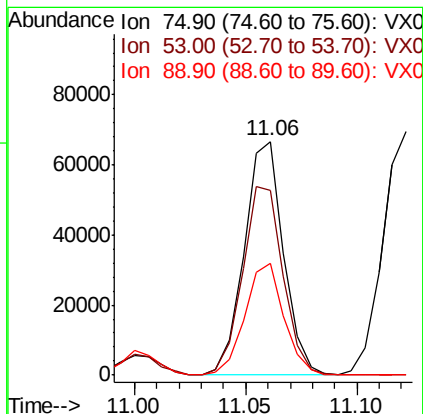
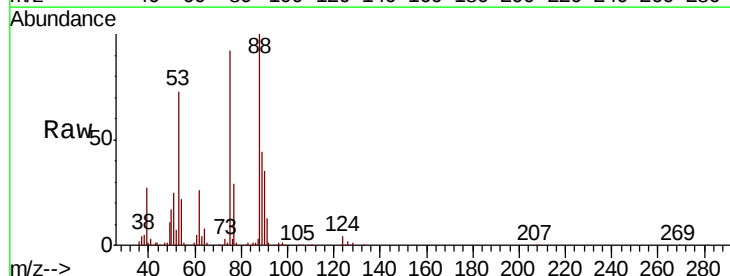
Tot Ion:105 Resp: 594043
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4

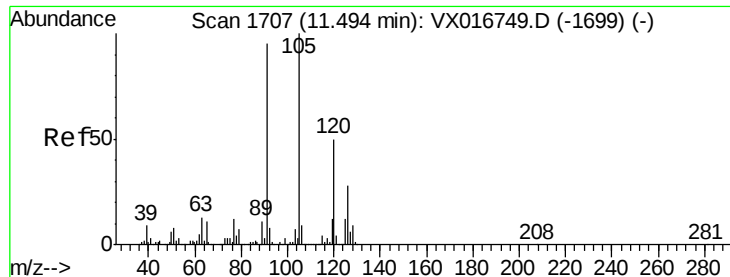


#81

trans-1,4-Dichloro-2-butene
Concen: 46.671 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 75 Resp: 81423
Ion Ratio Lower Upper
75 100
53 84.0 71.4 107.0
89 47.8 39.1 58.7

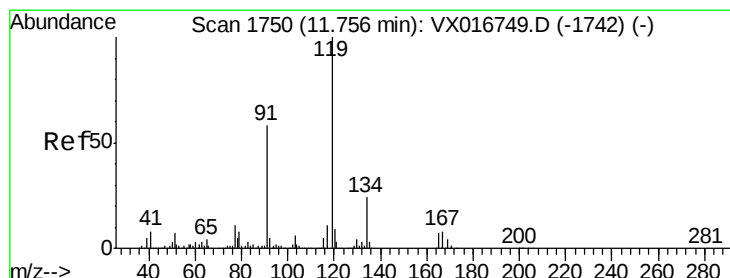
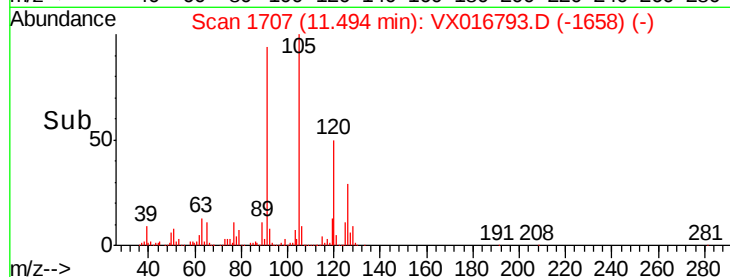
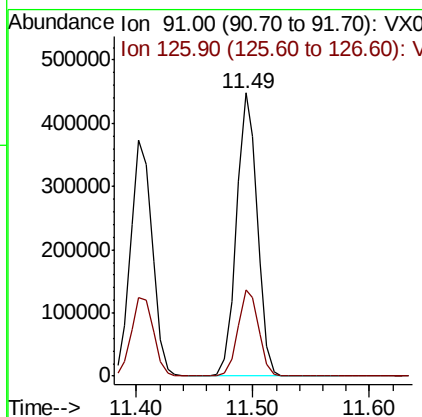
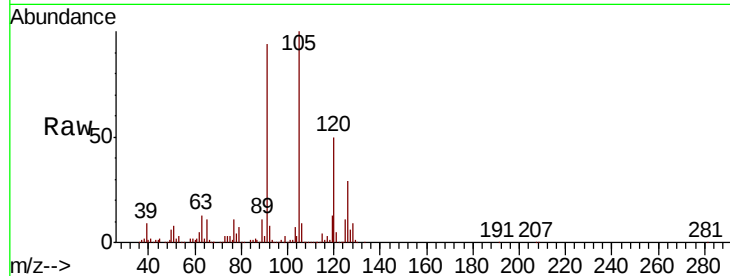




#82
4-Chlorotoluene
Concen: 50.652 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

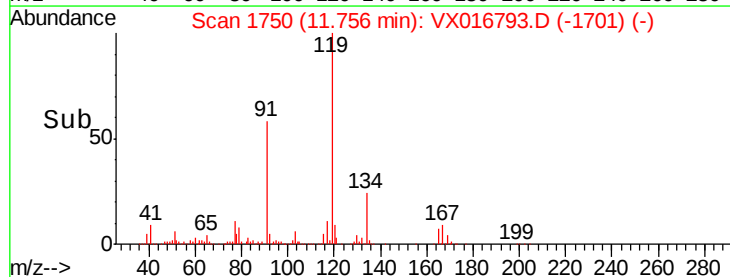
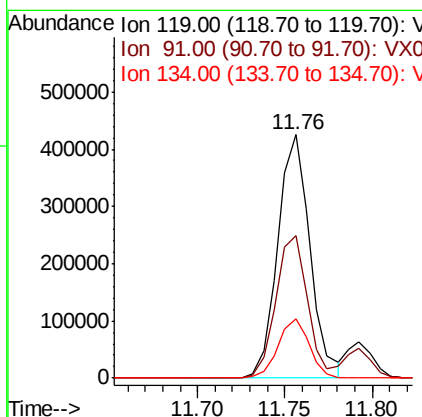
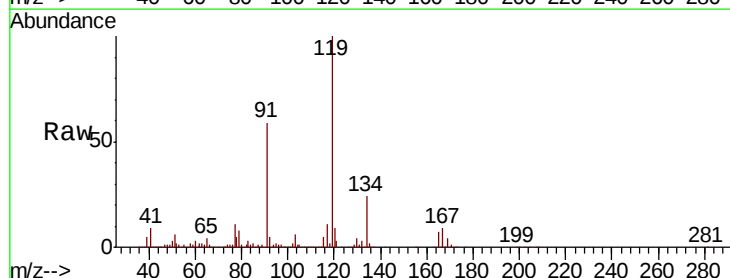
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

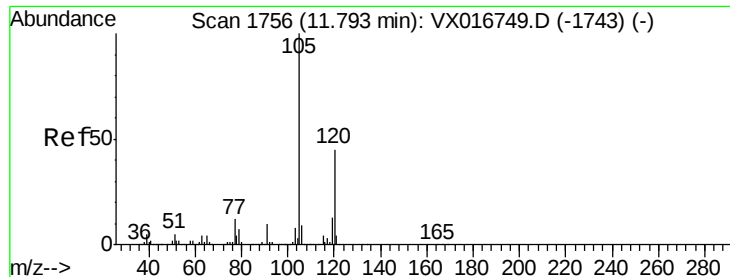
Tot Ion: 91 Resp: 557968
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.6



#83
tert-Butylbenzene
Concen: 51.976 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion: 119 Resp: 546351
Ion Ratio Lower Upper
119 100
91 57.5 29.3 88.0
134 23.4 11.8 35.3





#84

1,2,4-Trimethylbenzene

Concen: 51.516 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

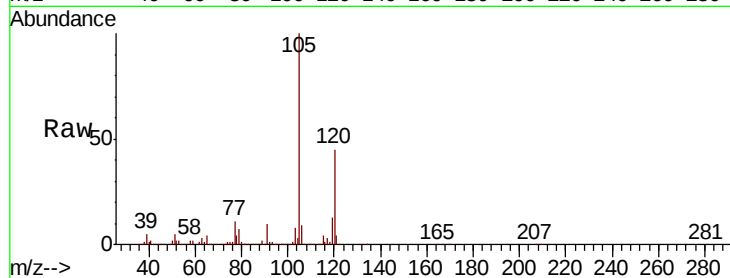
SS043MW014-200610MSD

Tot Ion:105 Resp: 598676

Ion Ratio Lower Upper

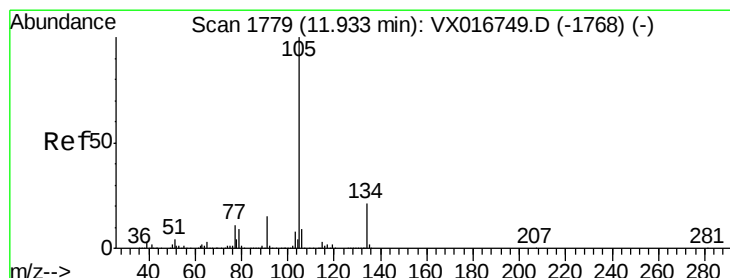
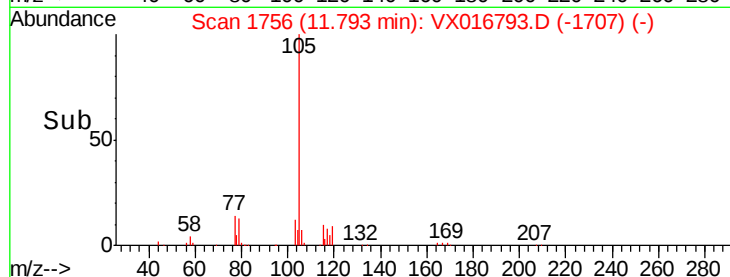
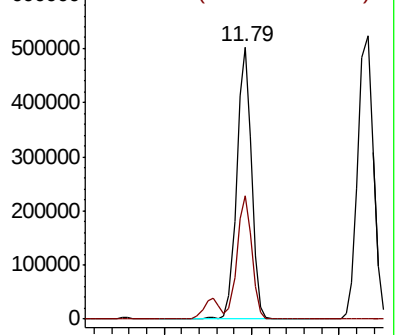
105 100

120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.231 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016793.D

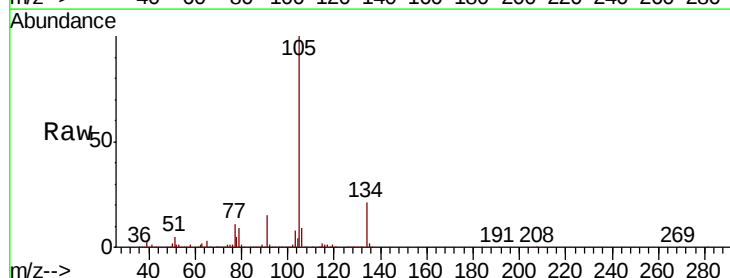
Acq: 16 Jun 2020 20:25

Tgt Ion:105 Resp: 642217

Ion Ratio Lower Upper

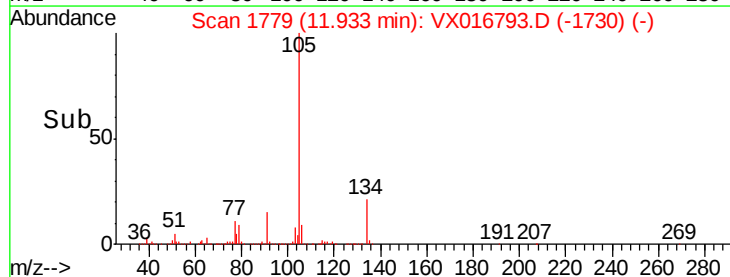
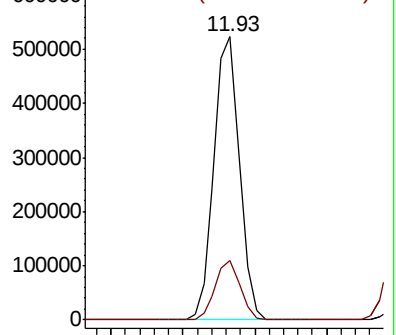
105 100

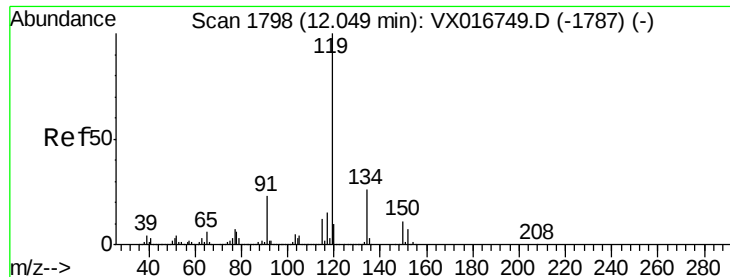
134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

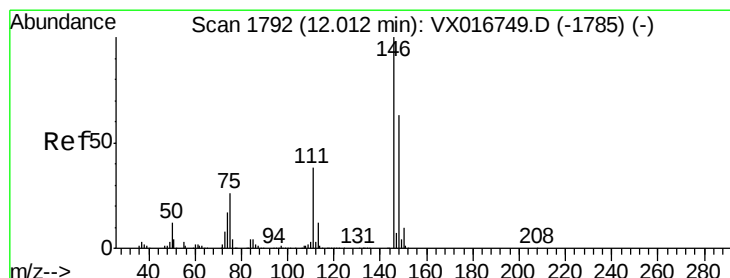
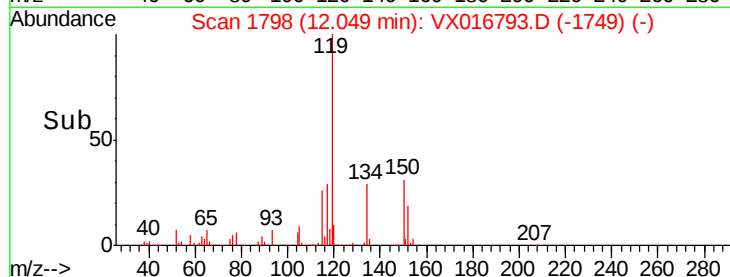
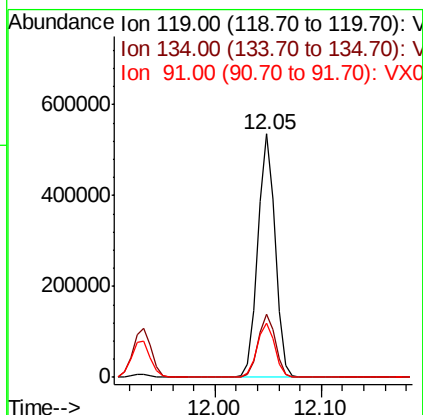
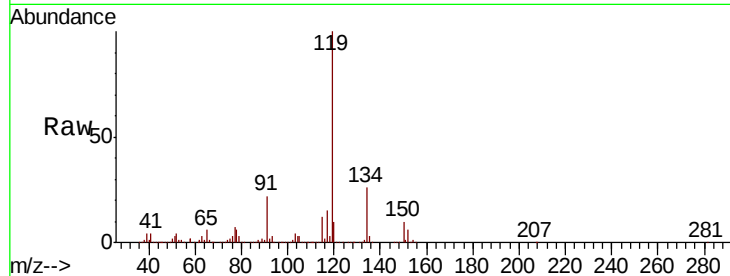




#86
p-Isopropyltoluene
Concen: 51.980 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

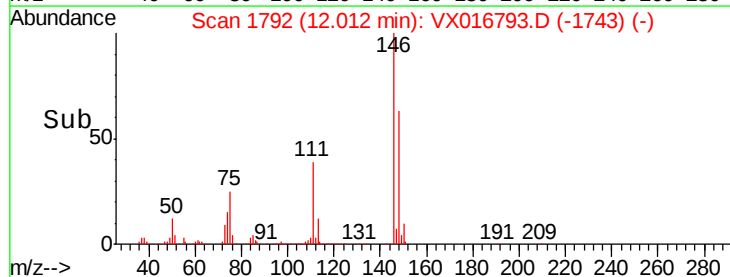
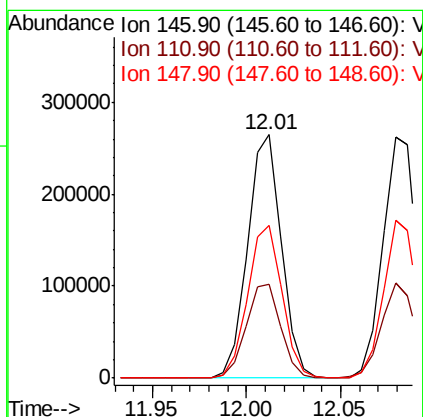
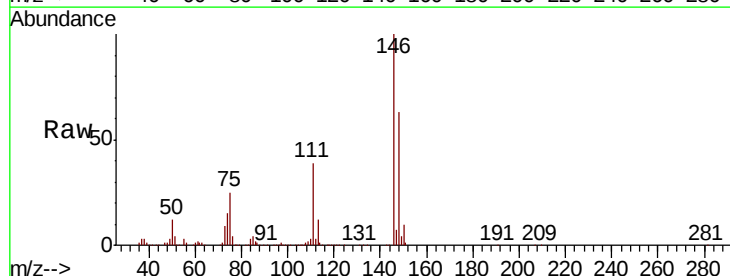
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610MSD

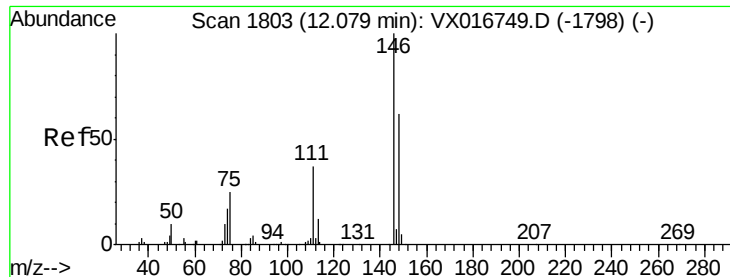
Tot Ion:119 Resp: 613241
Ion Ratio Lower Upper
119 100
134 26.0 13.0 38.9
91 22.6 11.6 34.7



#87
1,3-Dichlorobenzene
Concen: 50.309 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016793.D
Acq: 16 Jun 2020 20:25

Tgt Ion:146 Resp: 329099
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.3
148 63.8 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 49.215 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

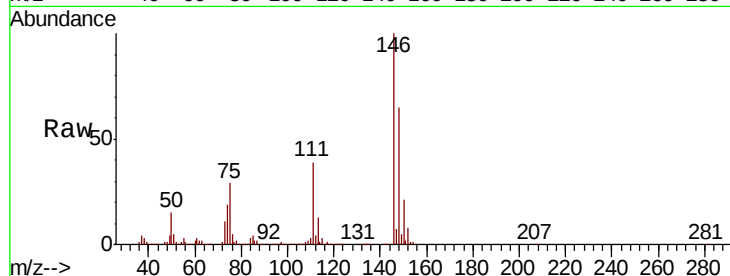
Tot Ion:146 Resp: 333867

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

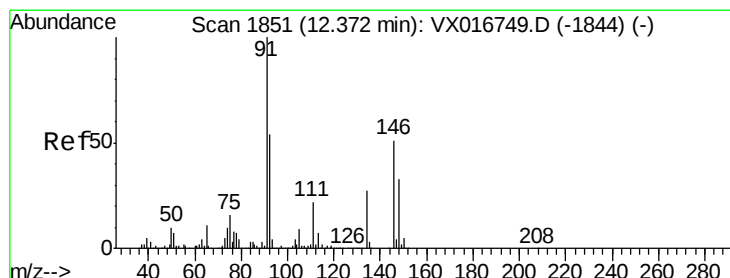
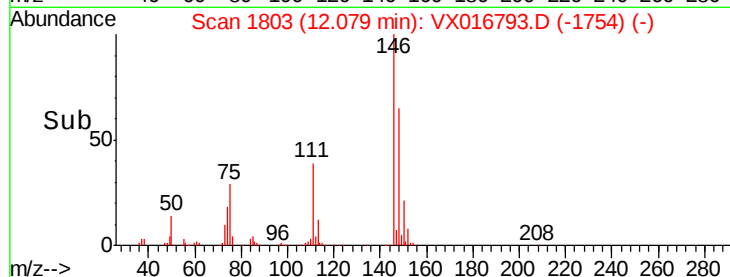
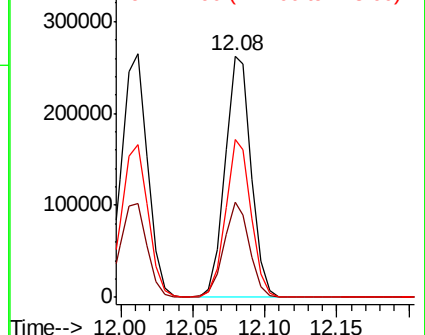
148 64.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 51.385 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

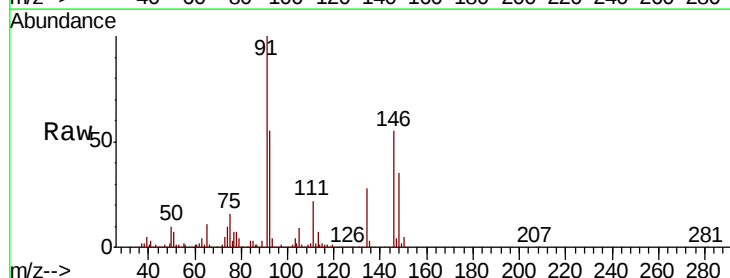
Tgt Ion: 91 Resp: 500443

Ion Ratio Lower Upper

91 100

92 54.6 27.0 80.8

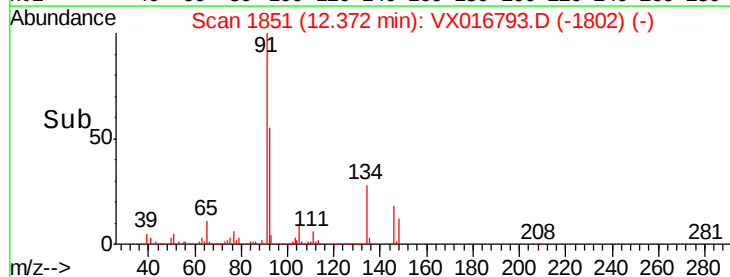
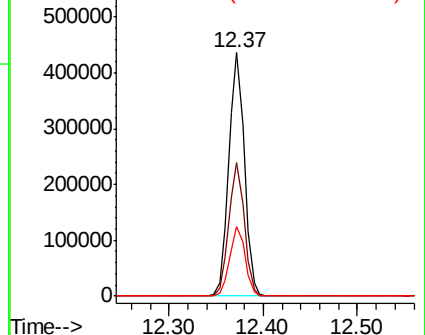
134 28.0 13.7 41.0

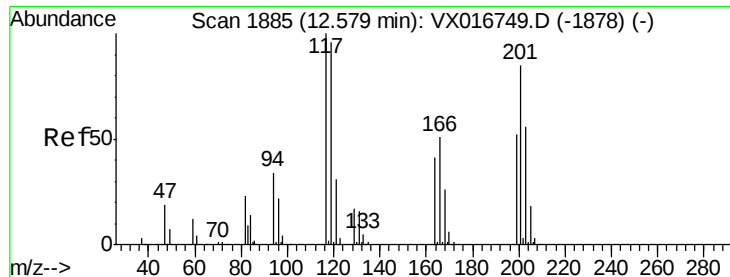


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 49.787 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

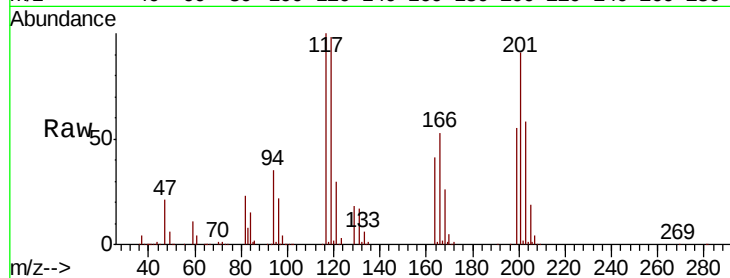
SS043MW014-200610MSD

Tot Ion:117 Resp: 108314

Ion Ratio Lower Upper

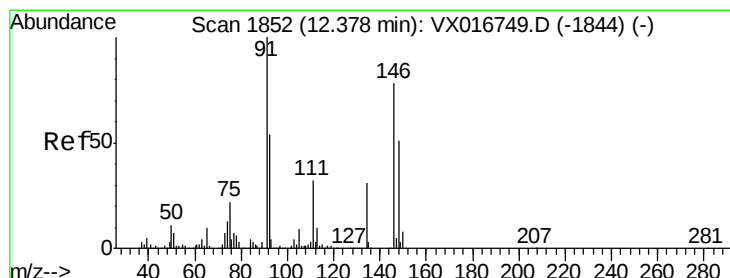
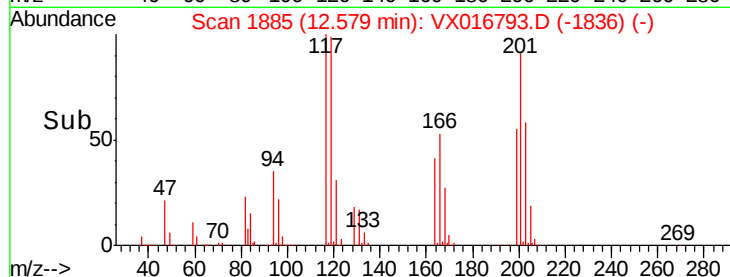
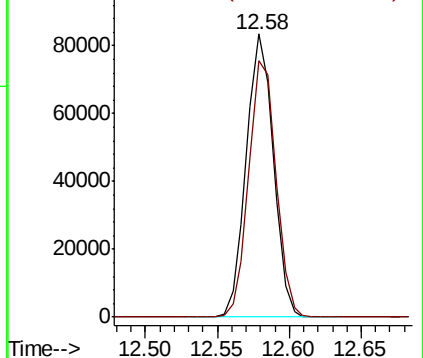
117 100

201 91.3 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.011 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

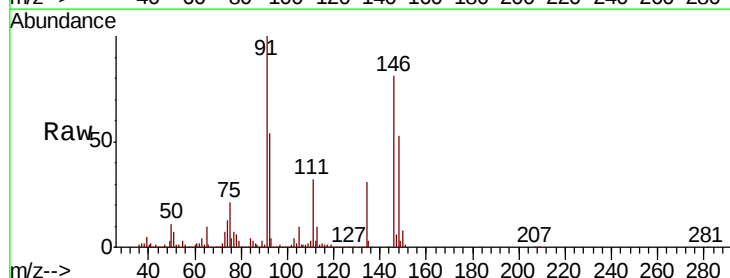
Tgt Ion:146 Resp: 320623

Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.2

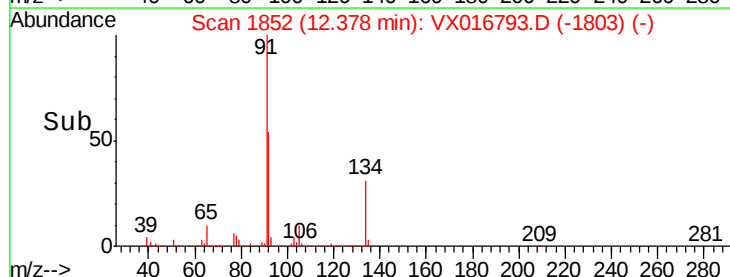
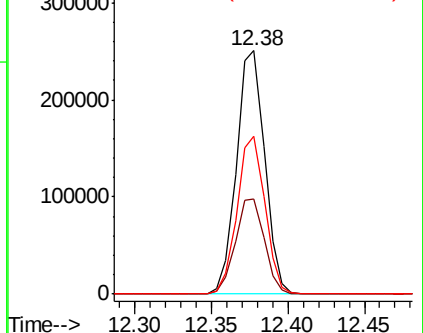
148 64.2 32.1 96.5

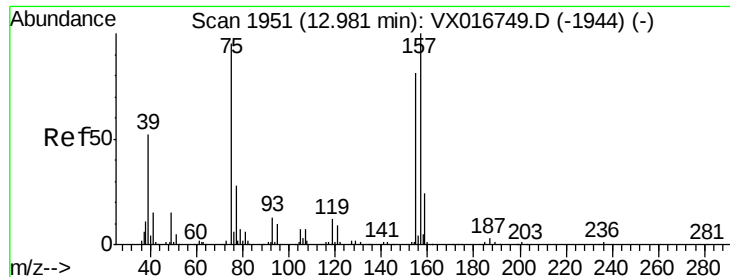


Abundance Ion 145.90 (145.60 to 146.60): V

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: 49.707 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

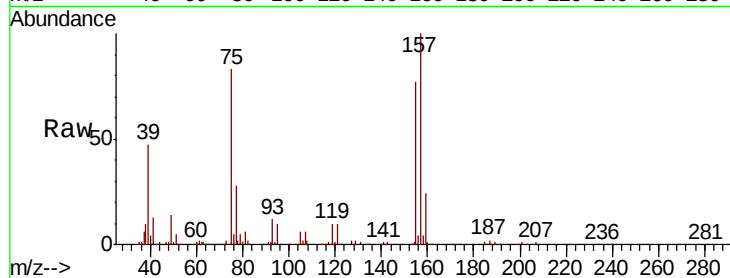
Tot Ion: 75 Resp: 56035

Ion Ratio Lower Upper

75 100

155 97.4 46.9 140.7

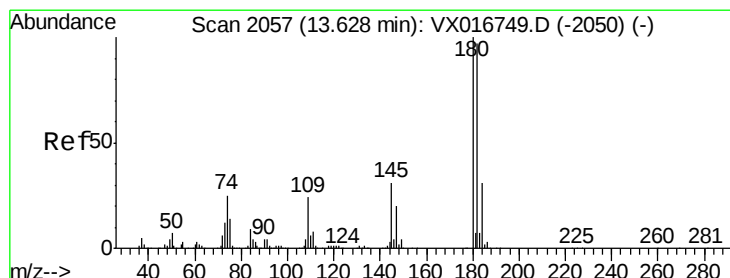
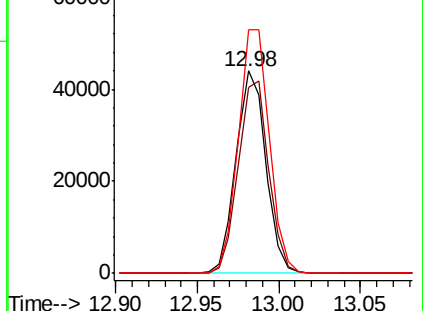
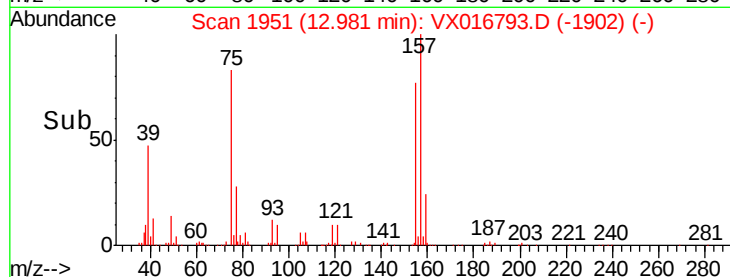
157 125.4 59.6 178.7



Abundance Ion 74.90 (74.60 to 75.60): VX016793.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016793.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016793.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.649 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

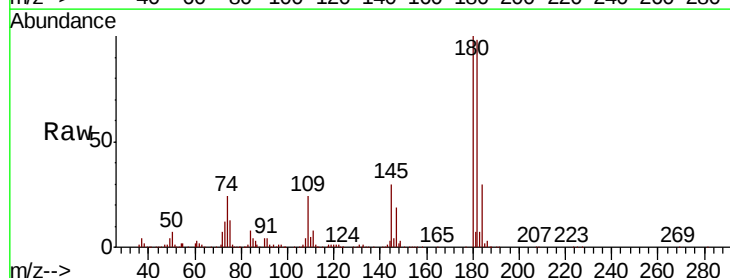
Tgt Ion: 180 Resp: 227450

Ion Ratio Lower Upper

180 100

182 94.9 48.6 145.8

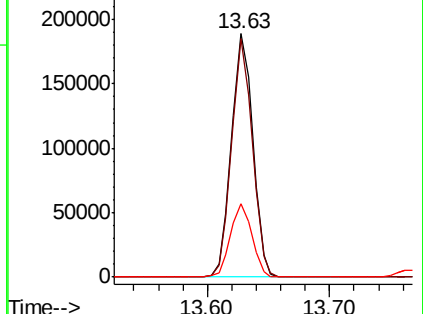
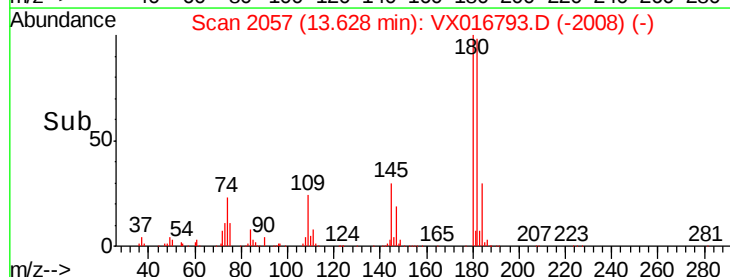
145 30.5 15.4 46.4

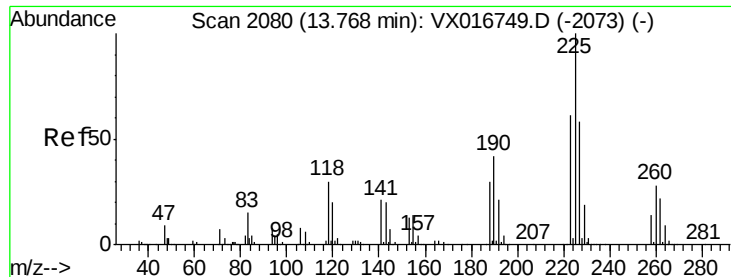


Abundance Ion 179.80 (179.50 to 180.50): VX016793.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016793.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016793.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 45.965 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610MSD

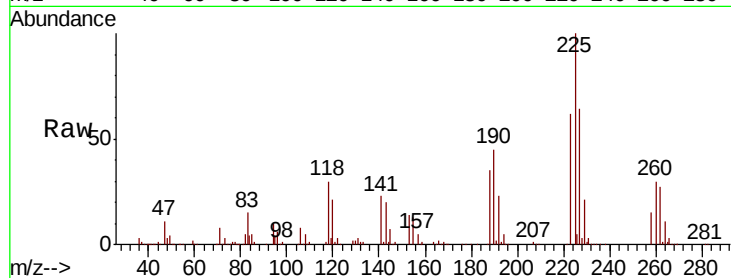
Tot Ion:225 Resp: 92593

Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.5

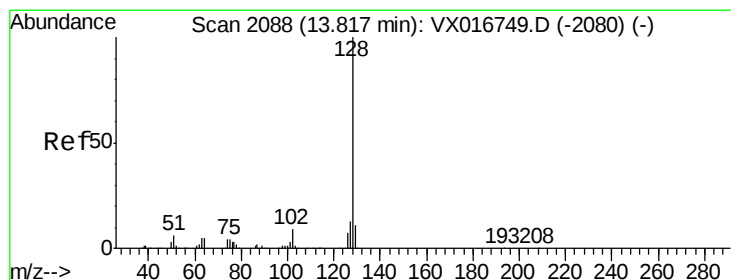
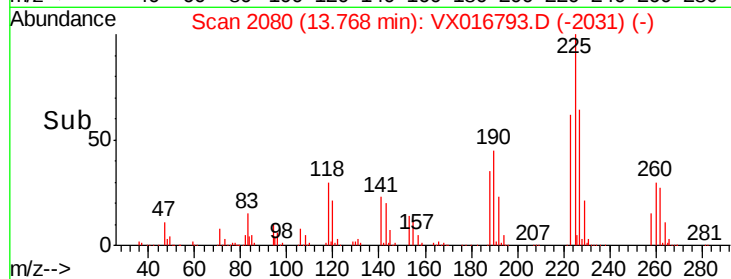
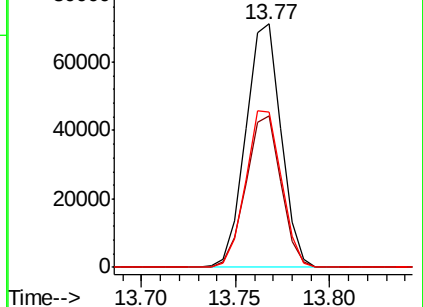
227 64.8 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.272 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016793.D

Acq: 16 Jun 2020 20:25

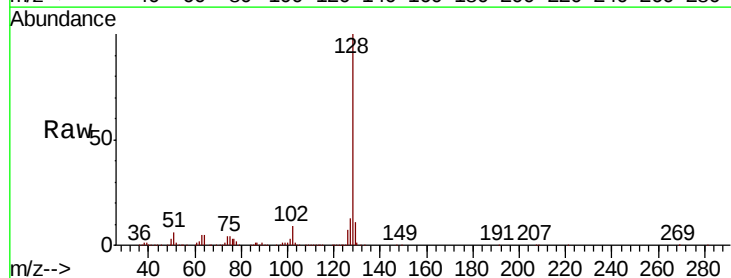
Tgt Ion:128 Resp: 750206

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

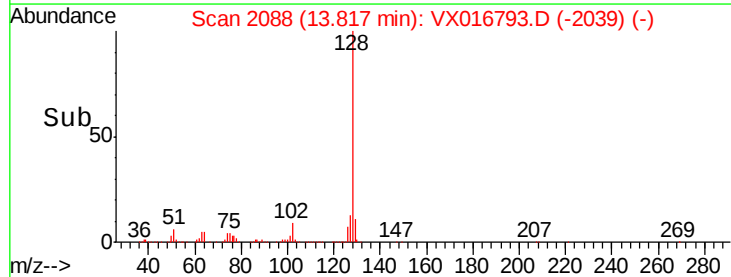
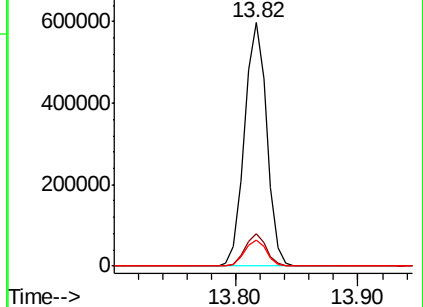
129 10.7 8.8 13.2

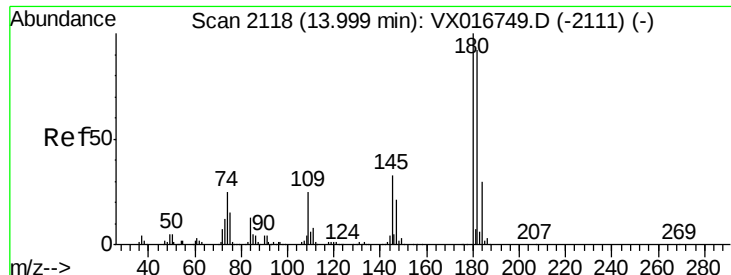


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

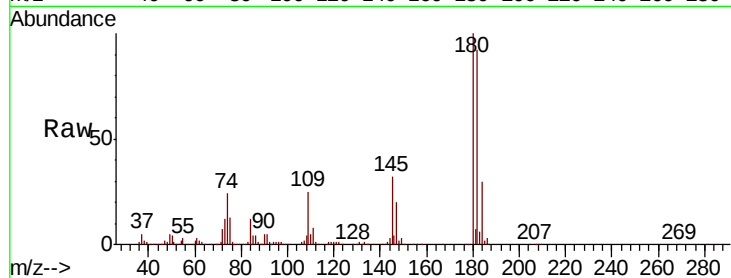




#96
 1,2,3-Trichlorobenzene
 Concen: 49.907 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX016793.D
 Acq: 16 Jun 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.4
145	31.4	15.9	47.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

