

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027666.D
 Acq On : 23 Mar 2022 14:40
 Operator : JC/MD
 Sample : N2028-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:35:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

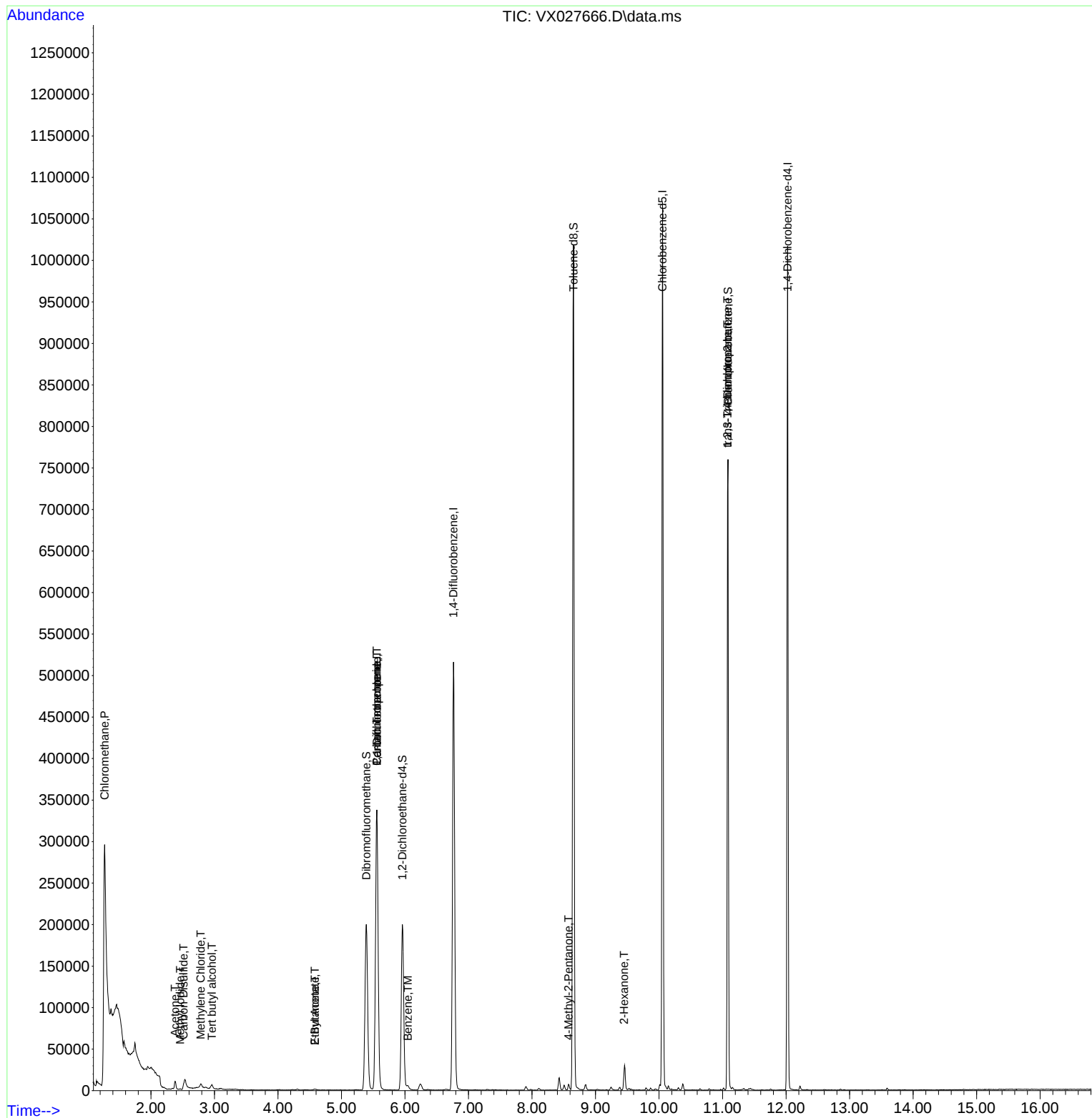
Internal Standards						
1) Pentafluorobenzene	5.556	168	337375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	546808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199955	48.111	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.220%
35) Dibromofluoromethane	5.391	113	179303	50.966	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.940%
50) Toluene-d8	8.653	98	647329	48.625	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.085	95	214741	43.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	14546	5.060	ug/l #	42
5) Bromomethane	1.611	94	614	Below Cal		87
10) Methyl Iodide	2.459	142	927	0.214	ug/l #	94
11) Tert butyl alcohol	2.959	59	4835	6.104	ug/l #	94
16) Acetone	2.380	43	11434	6.749	ug/l	90
17) Carbon Disulfide	2.514	76	7612	0.955	ug/l	100
20) Methylene Chloride	2.782	84	1096	0.301	ug/l #	82
25) 2-Butanone	4.580	43	1509	0.592	ug/l #	85
36) 1,1-Dichloropropene	5.556	75	23311	4.849	ug/l #	51
37) Ethyl Acetate	4.580	43	1509	0.315	ug/l #	68
38) Carbon Tetrachloride	5.556	117	33335	6.061	ug/l #	15
40) Benzene	6.044	78	5376	0.390	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	4047	0.822	ug/l	100
59) 2-Hexanone	9.452	43	2724	0.719	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	94618	20.018	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94618	60.795	ug/l #	15

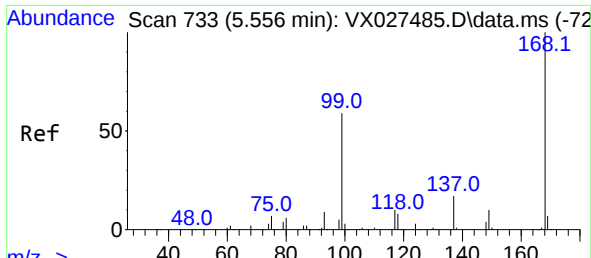
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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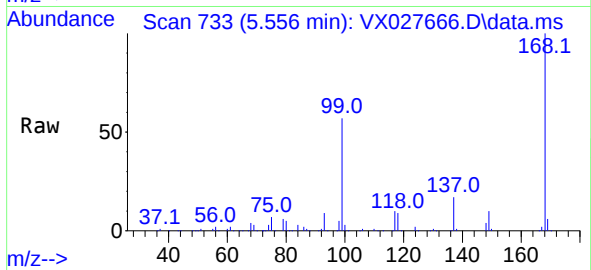
Quant Time: Mar 24 04:35:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



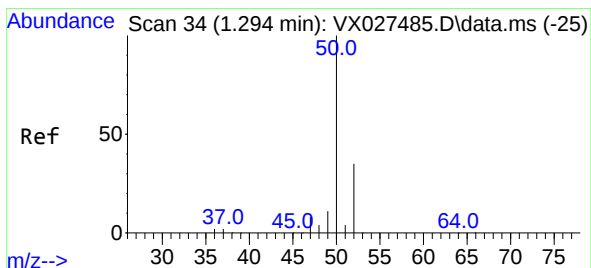
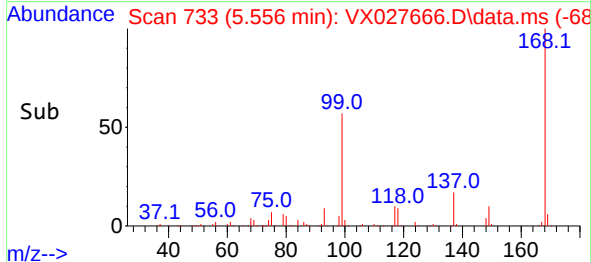
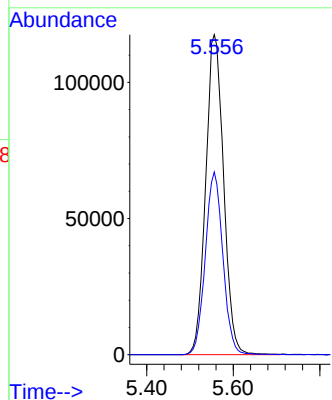


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Instrument :
MSVOA_X
ClientSampleId :

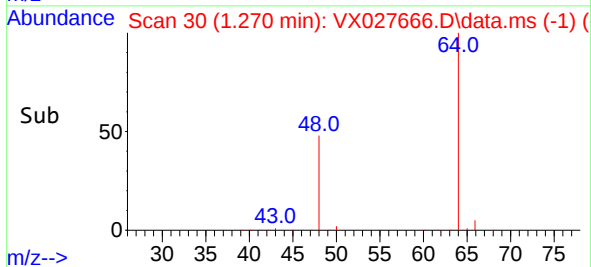
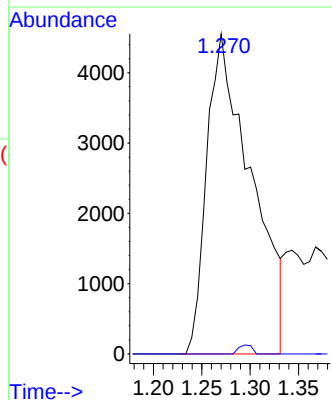
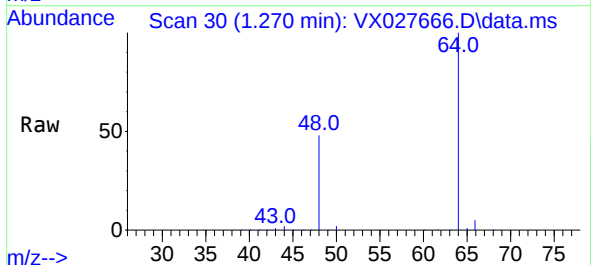


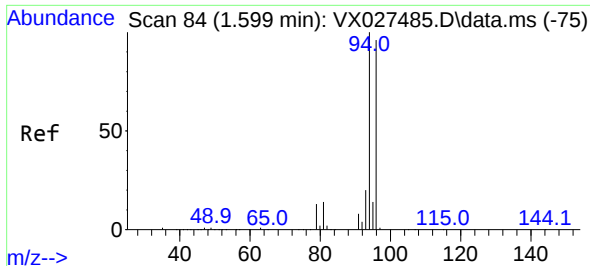
Tgt Ion:168 Resp: 337375
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#3
Chloromethane
Concen: 5.060 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 50 Resp: 14546
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

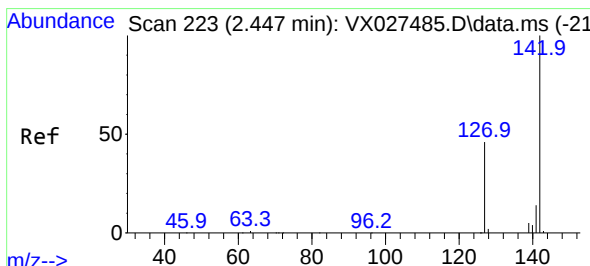
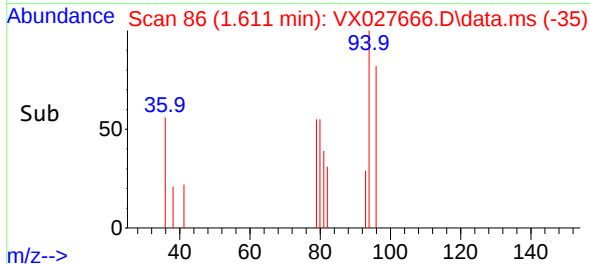
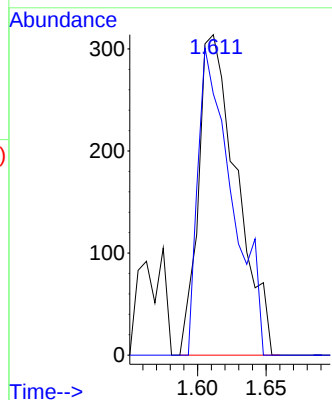
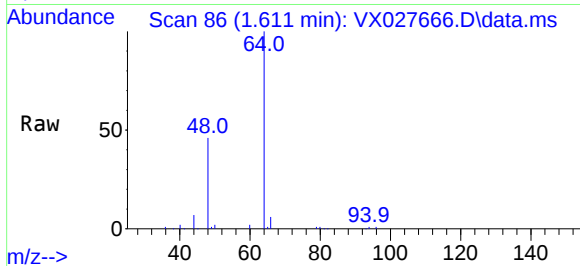




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

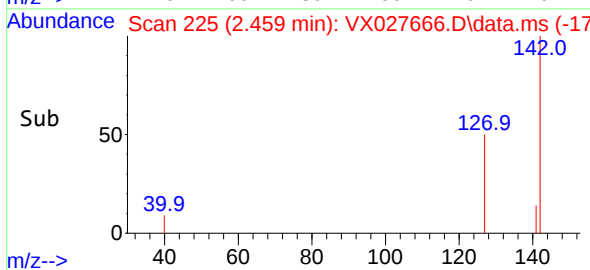
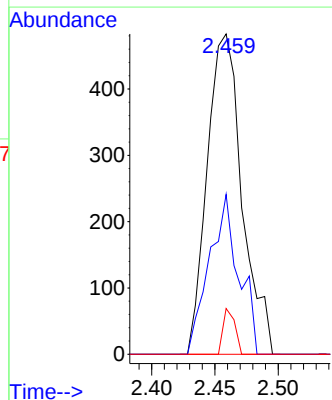
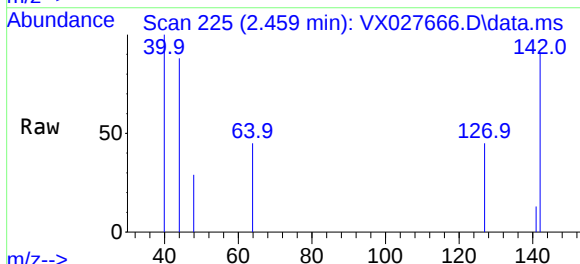
Instrument :
MSVOA_X
ClientSampleId :

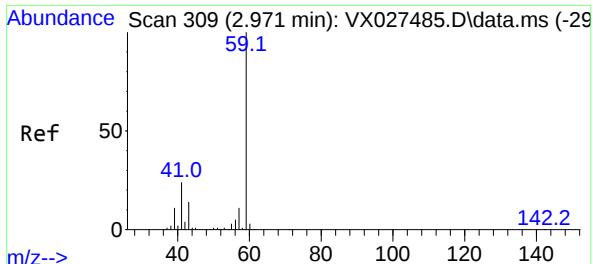
Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 81.5 75.3 112.9



#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 142 Resp: 927
Ion Ratio Lower Upper
142 100
127 42.3 33.9 50.9
141 4.7 11.4 17.2#





#11

Tert butyl alcohol

Concen: 6.104 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

Instrument :

MSVOA_X

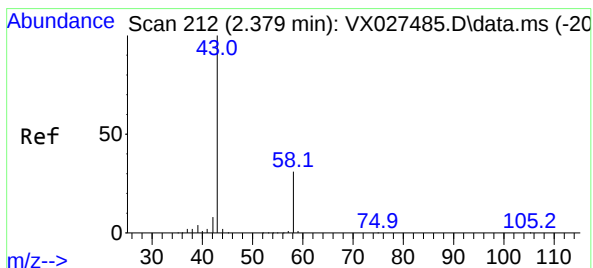
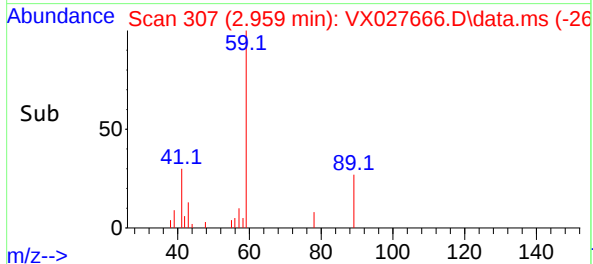
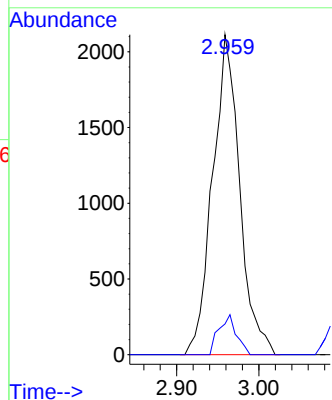
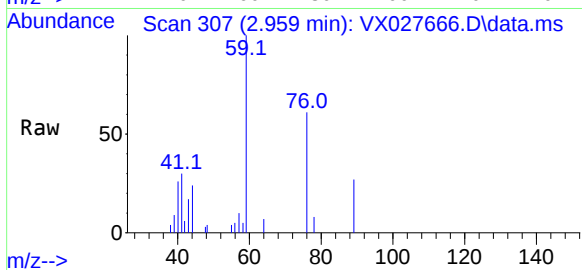
ClientSampleId :

Tgt Ion: 59 Resp: 4835

Ion Ratio Lower Upper

59 100

57 8.1 8.3 12.5#



#16

Acetone

Concen: 6.749 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027666.D

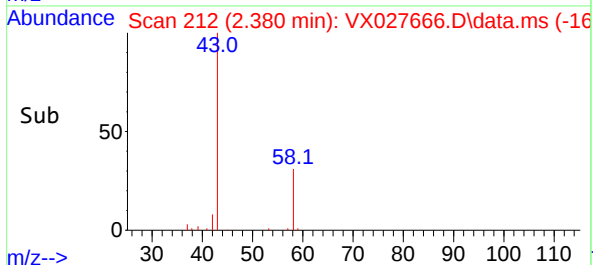
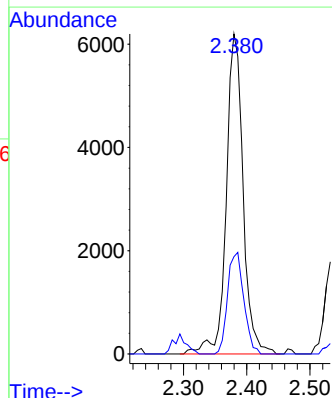
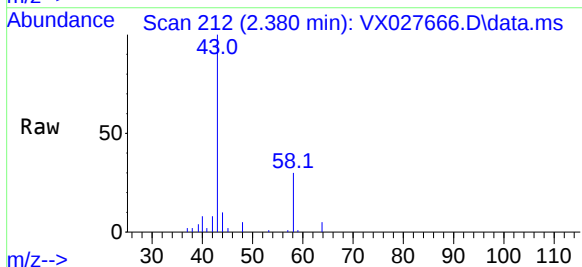
Acq: 23 Mar 2022 14:40

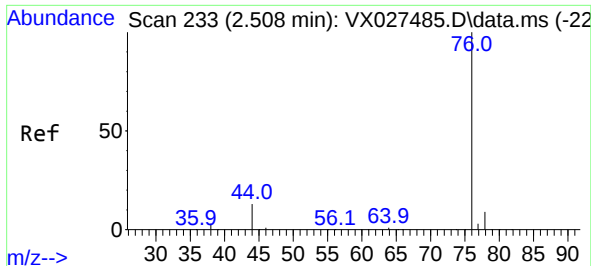
Tgt Ion: 43 Resp: 11434

Ion Ratio Lower Upper

43 100

58 30.4 28.8 43.2

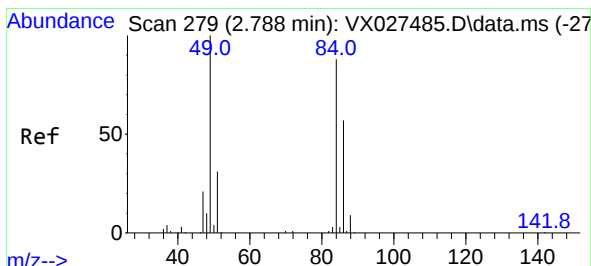
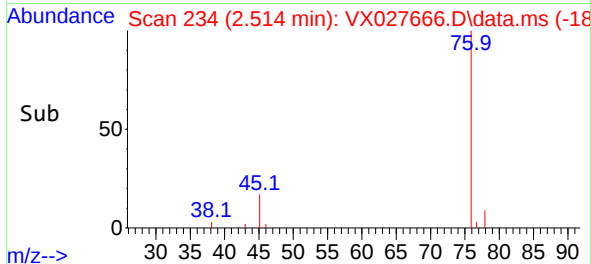
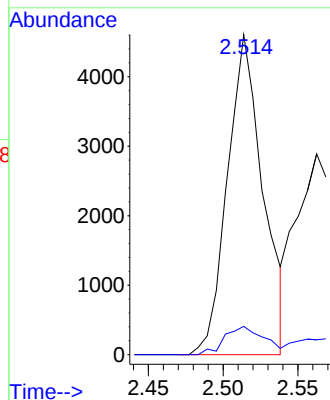
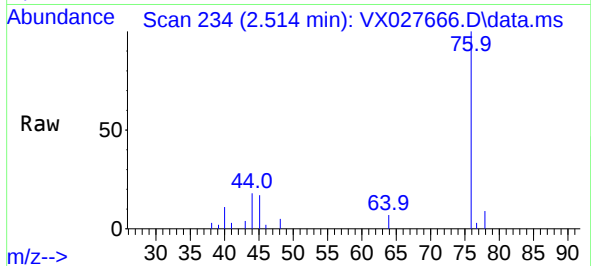




#17
Carbon Disulfide
Concen: 0.955 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

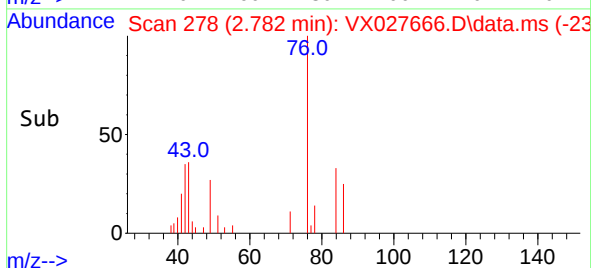
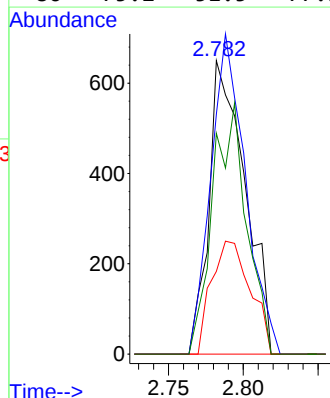
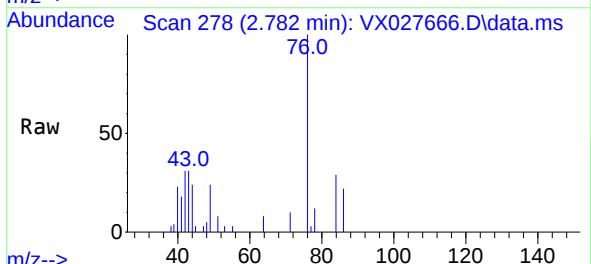
Instrument :
MSVOA_X
ClientSampleId :

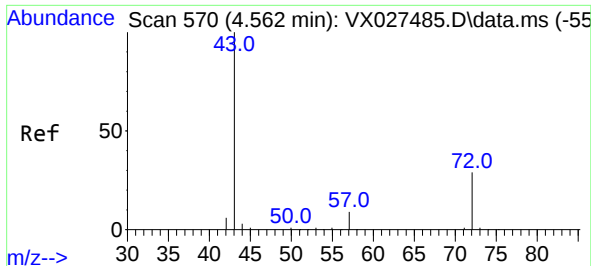
Tgt Ion: 76 Resp: 7612
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 84 Resp: 1096
Ion Ratio Lower Upper
84 100
49 81.7 85.5 128.3#
51 28.2 26.6 39.8
86 75.2 51.5 77.3





#25

2-Butanone

Concen: 0.592 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

Instrument :

MSVOA_X

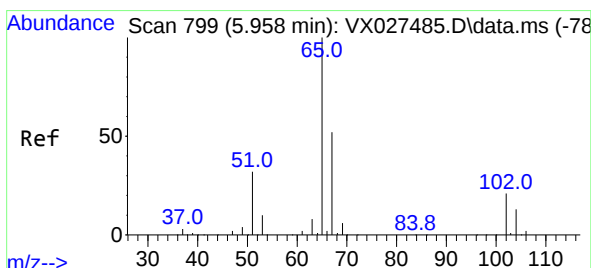
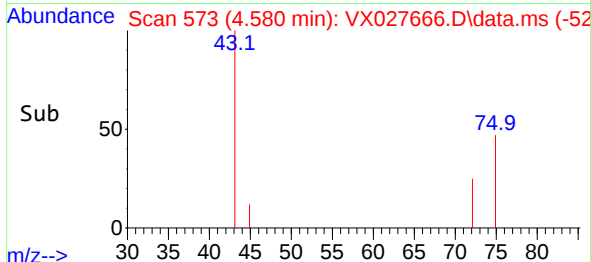
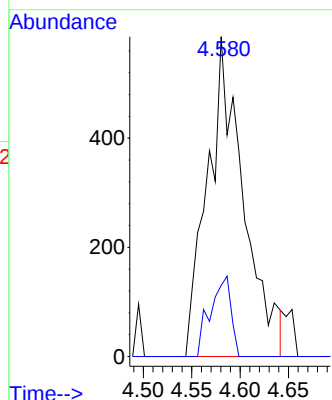
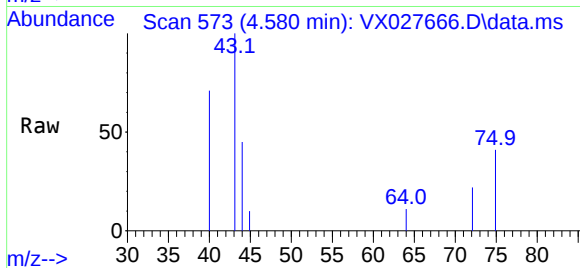
ClientSampleId :

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

43 100

72 22.2 24.4 36.6#



#33

1,2-Dichloroethane-d4

Concen: 48.111 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027666.D

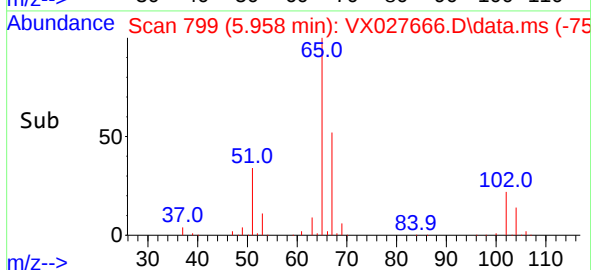
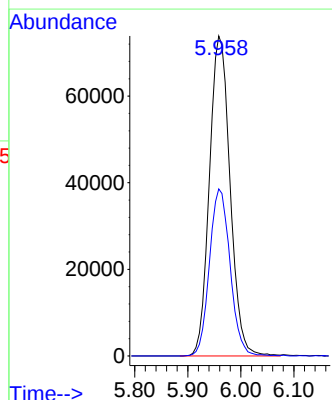
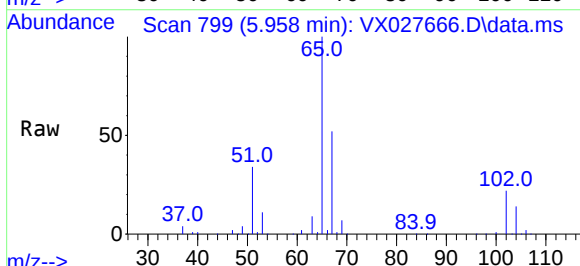
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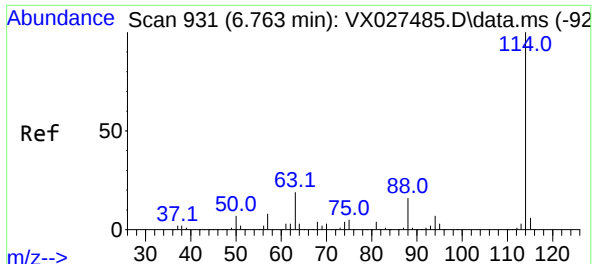
Tgt Ion: 65 Resp: 199955

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4

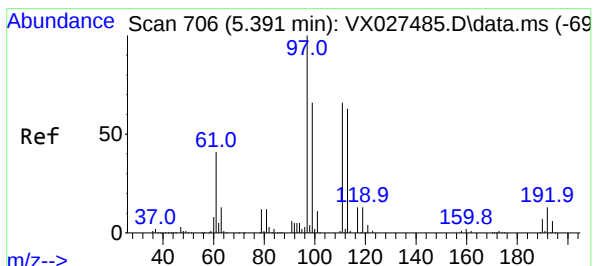
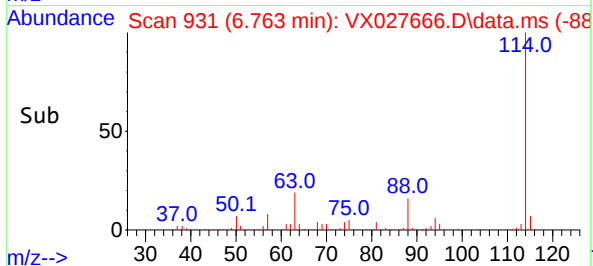
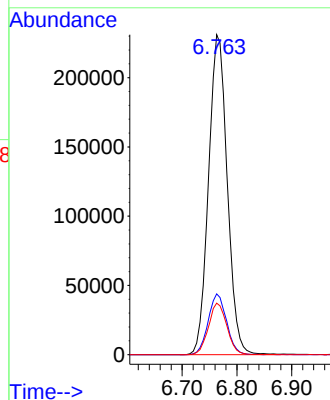
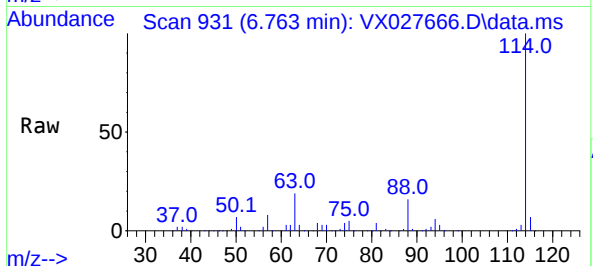




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

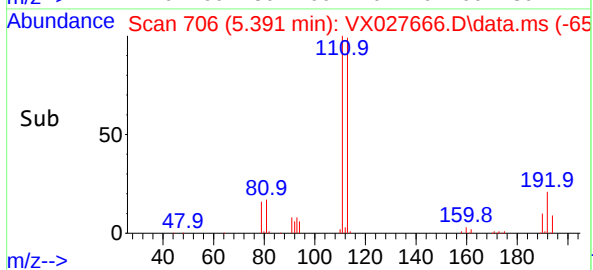
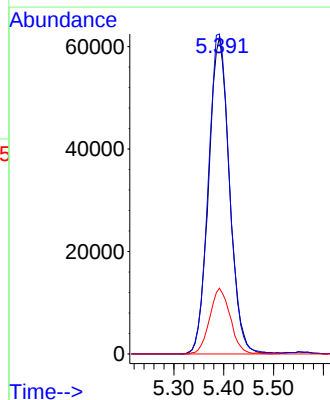
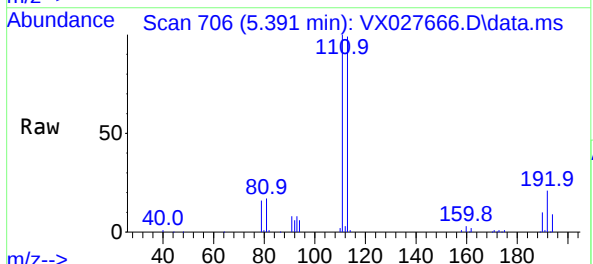
Instrument :
MSVOA_X
ClientSampleId :

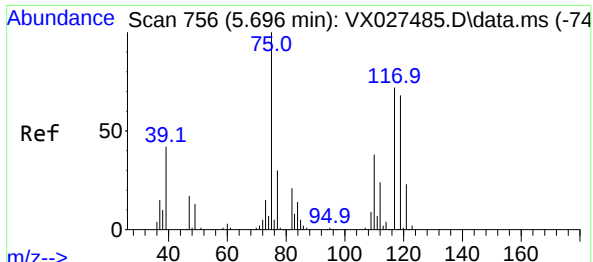
Tgt Ion:114 Resp: 546808
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.966 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion:113 Resp: 179303
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

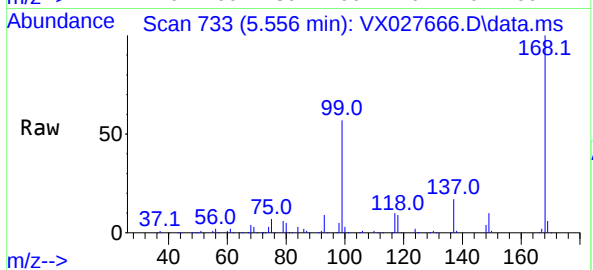
Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :



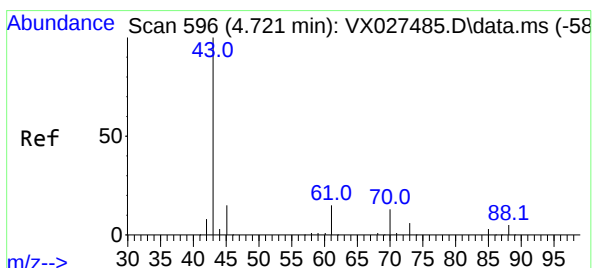
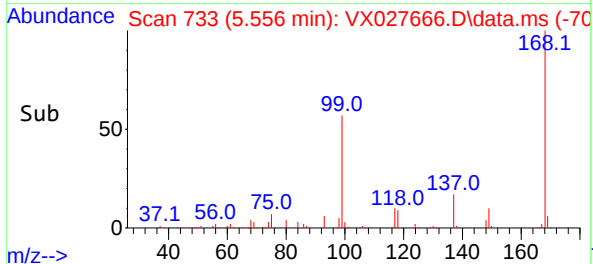
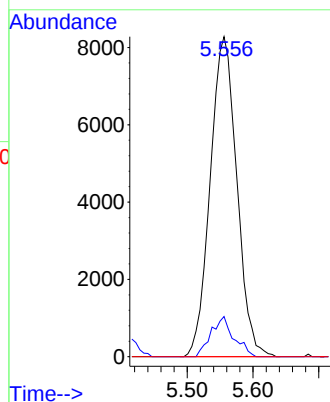
Tgt Ion: 75 Resp: 23311

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.315 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.140 min

Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

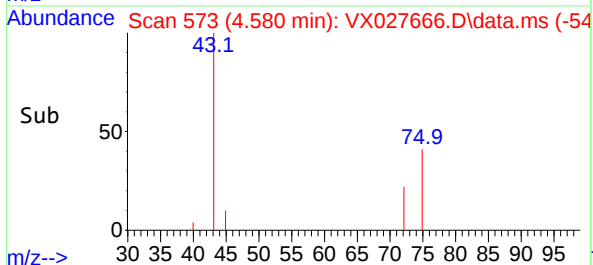
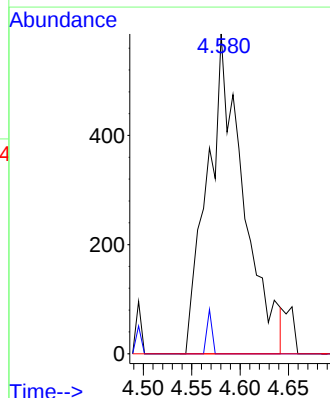
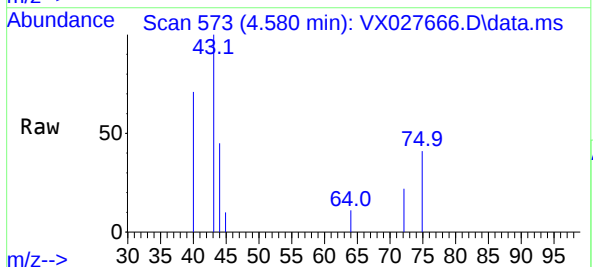
Tgt Ion: 43 Resp: 1509

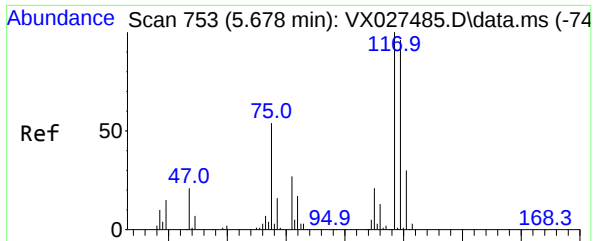
Ion Ratio Lower Upper

43 100

61 2.0 12.6 19.0#

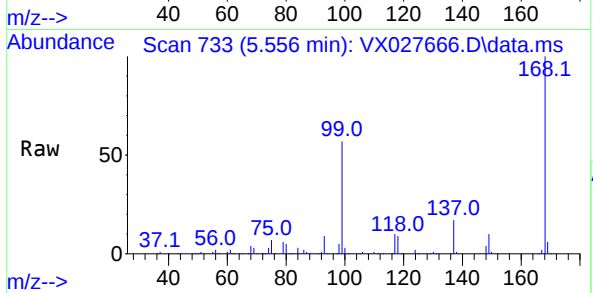
70 0.0 10.2 15.2#



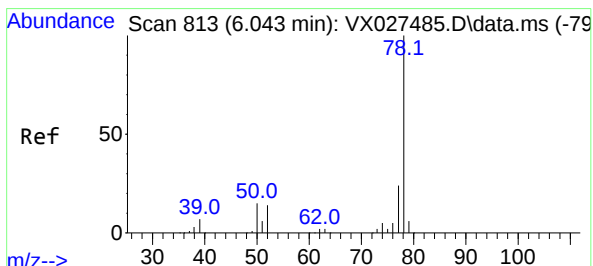
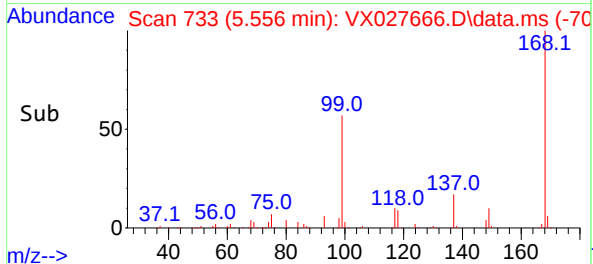
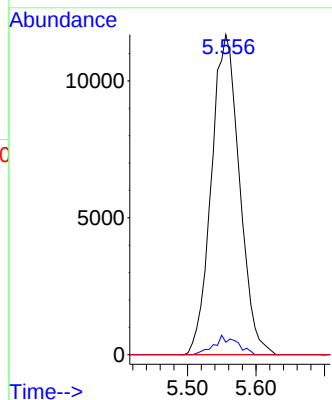


#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Instrument :
MSVOA_X
ClientSampleId :

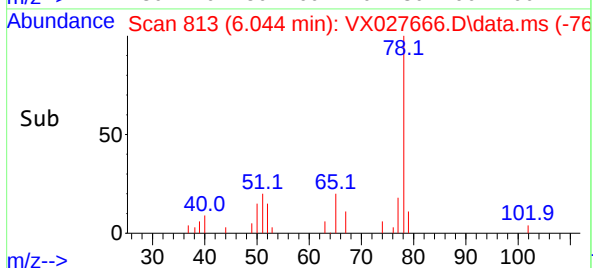
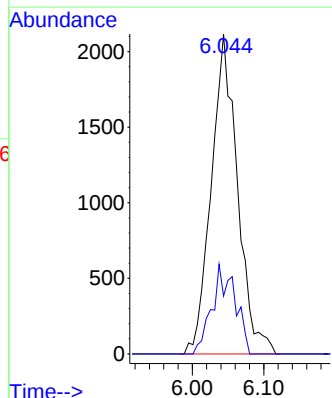
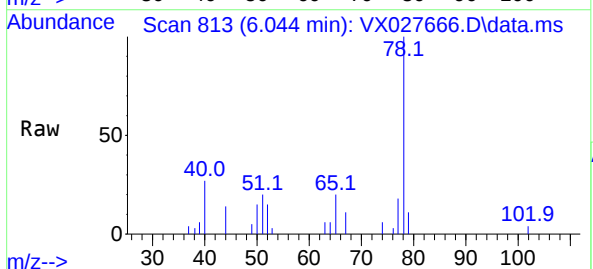


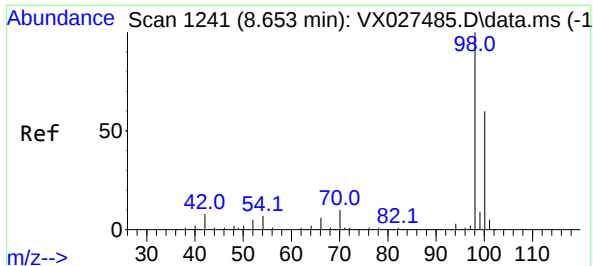
Tgt Ion:117 Resp: 33335
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.390 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 78 Resp: 5376
Ion Ratio Lower Upper
78 100
77 18.1 19.3 28.9#

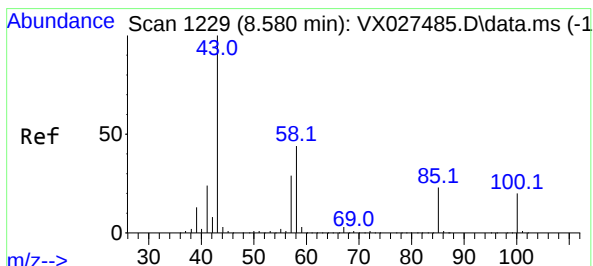
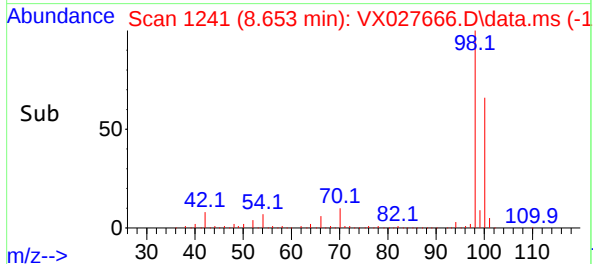
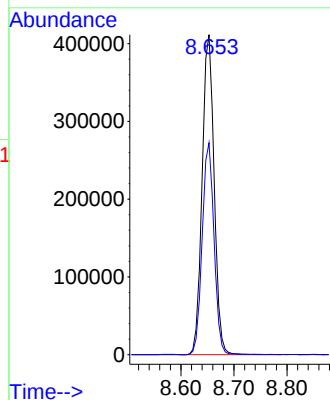
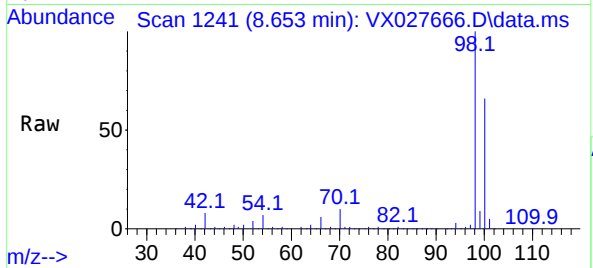




#50
Toluene-d8
Concen: 48.625 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

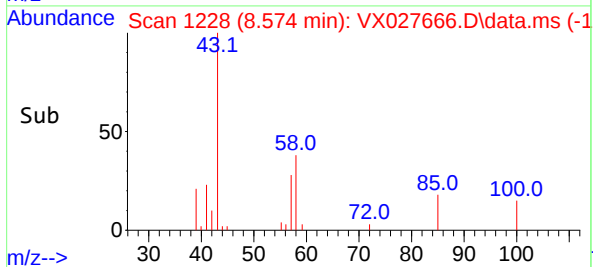
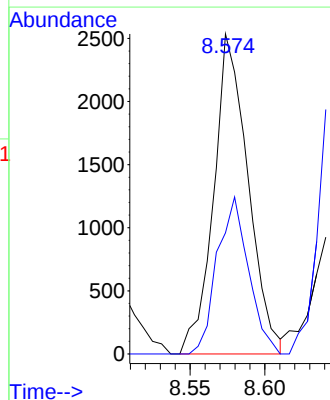
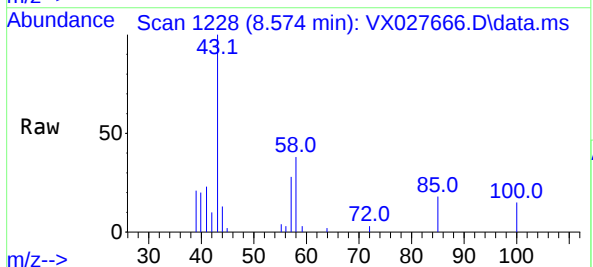
Instrument :
MSVOA_X
ClientSampleId :

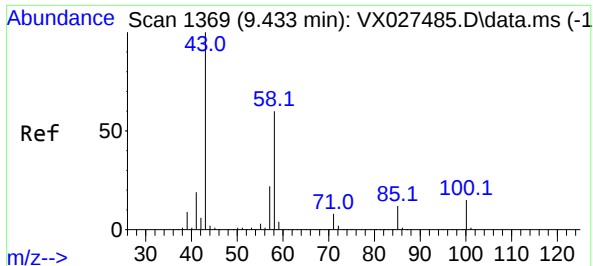
Tgt Ion: 98 Resp: 647329
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.822 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 43 Resp: 4047
Ion Ratio Lower Upper
43 100
58 44.8 36.1 54.1





#59

2-Hexanone

Concen: 0.719 ug/l

RT: 9.452 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

Instrument :

MSVOA_X

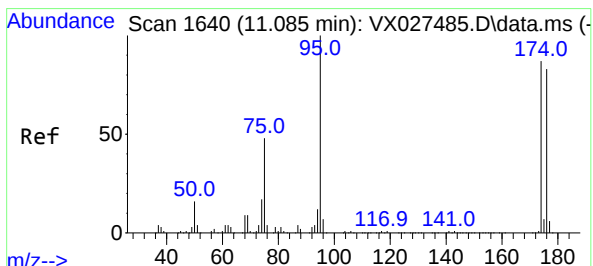
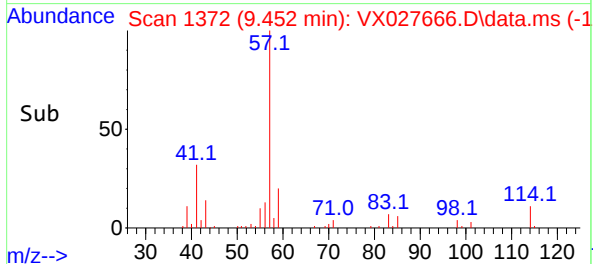
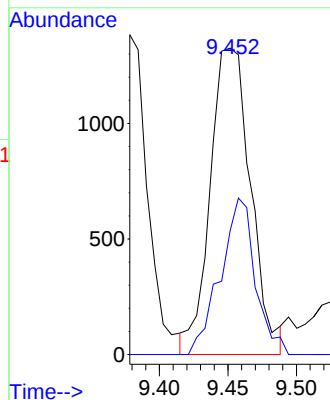
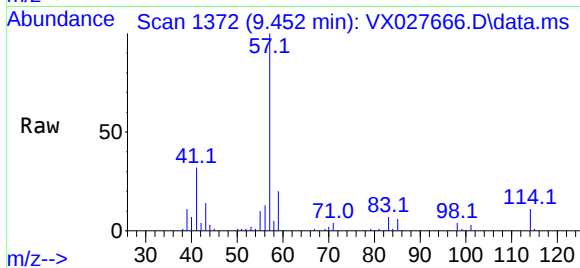
ClientSampleId :

Tgt Ion: 43 Resp: 2724

Ion Ratio Lower Upper

43 100

58 44.0 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 43.886 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027666.D

Acq: 23 Mar 2022 14:40

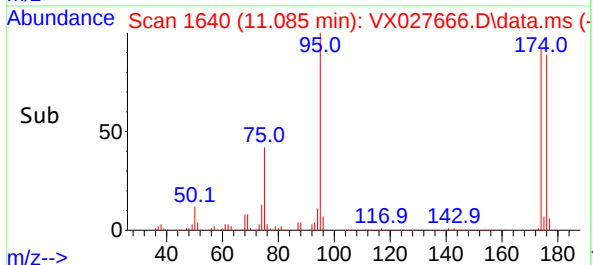
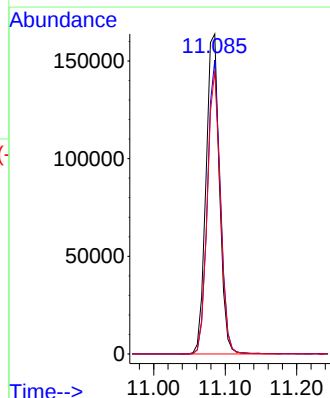
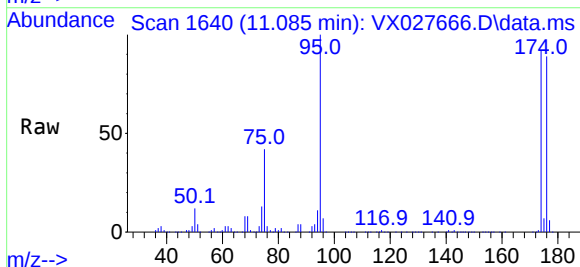
Tgt Ion: 95 Resp: 214741

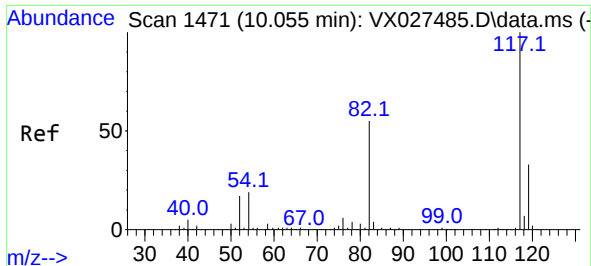
Ion Ratio Lower Upper

95 100

174 88.4 0.0 163.0

176 85.3 0.0 155.0

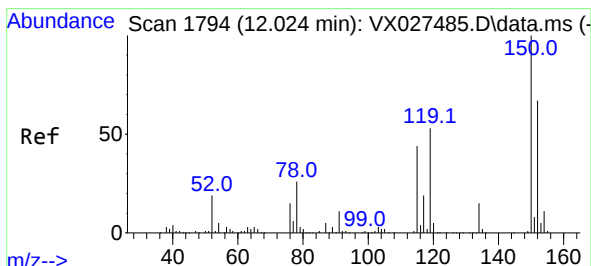
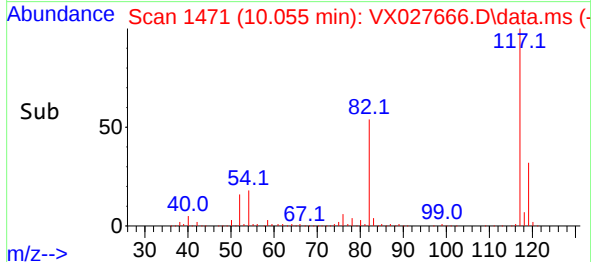
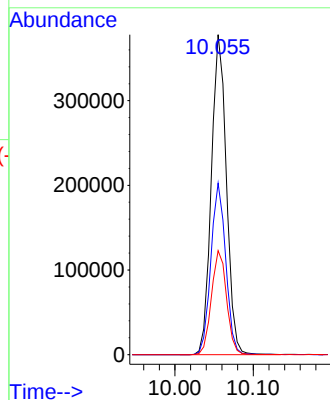
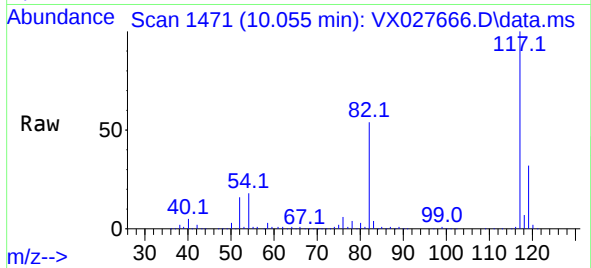




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

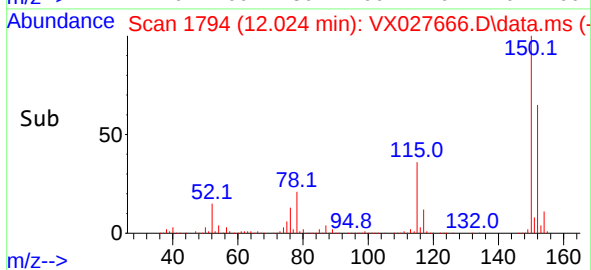
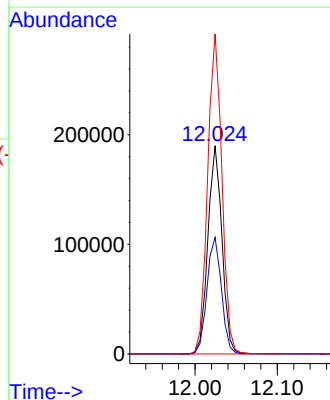
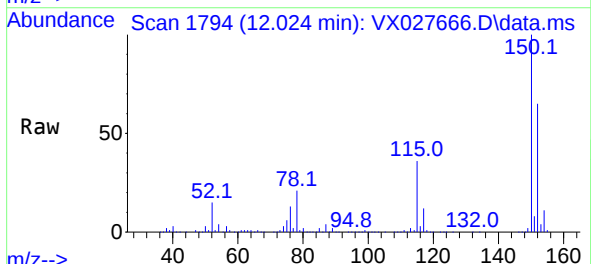
Instrument :
MSVOA_X
ClientSampleId :

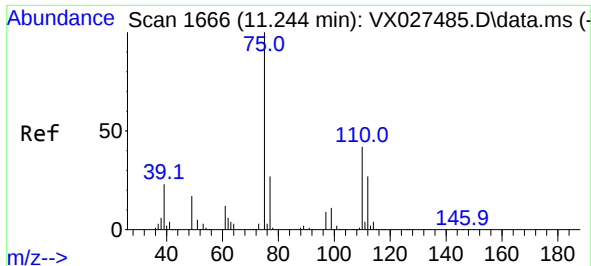
Tgt Ion:117 Resp: 503643
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion:152 Resp: 225977
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 155.9 0.0 338.2

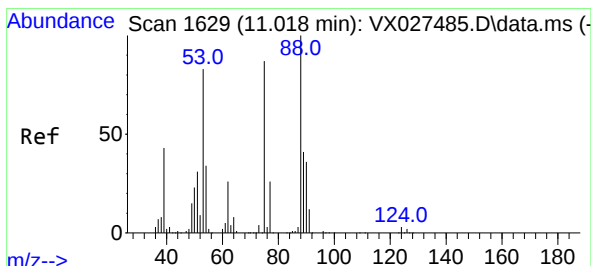
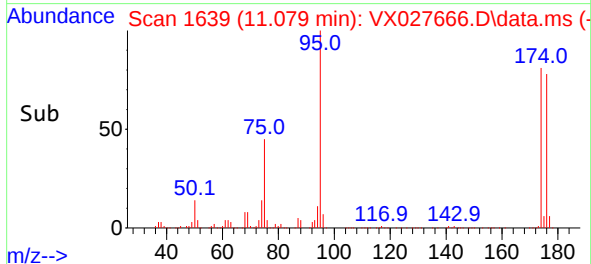
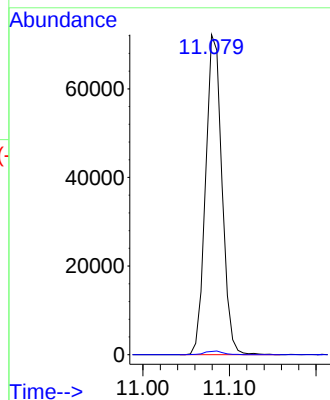
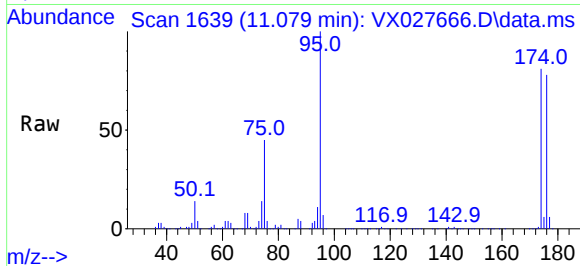




#76
1,2,3-Trichloropropane
Concen: 20.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 94618
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027666.D
Acq: 23 Mar 2022 14:40

Tgt Ion: 75 Resp: 94618
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

