

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028814.D
 Acq On : 19 May 2022 10:45
 Operator : JC/MD
 Sample : VX0519MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519MBL01

Quant Time: May 20 01:43:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

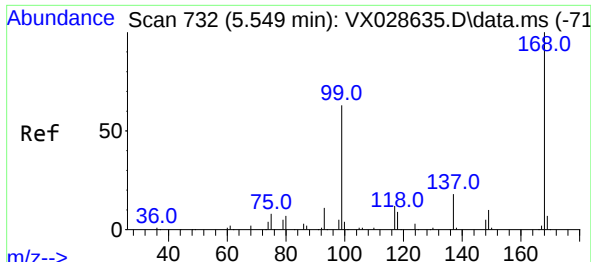
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	253753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169457	48.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.440%		
35) Dibromofluoromethane	5.385	113	141588	45.103	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.200%		
50) Toluene-d8	8.647	98	521594	44.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.140%		
62) 4-Bromofluorobenzene	11.079	95	178599	40.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.800%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	615	Below Cal		87
6) Chloroethane	1.679	64	215	Below Cal		100
10) Methyl Iodide	2.459	142	681	0.201 ug/l #		89
11) Tert butyl alcohol	2.947	59	7787	2.655 ug/l #		74
16) Acetone	2.374	43	1593	1.067 ug/l #		80
29) Tetrahydrofuran	5.032	42	309	0.203 ug/l #		25
31) Cyclohexane	5.556	56	5521	1.144 ug/l #		28
36) 1,1-Dichloropropene	5.550	75	20707	4.392 ug/l #		49
38) Carbon Tetrachloride	5.550	117	26616	5.609 ug/l #		15
53) t-1,3-Dichloropropene	8.994	75	40	1.648 ug/l #		43
76) 1,2,3-Trichloropropane	11.079	75	94827	20.392 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	94827	59.995 ug/l #		15
93) 1,2,4-Trichlorobenzene	13.591	180	1063	0.268 ug/l		89
94) Hexachlorobutadiene	13.725	225	995	0.618 ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1105	0.277 ug/l		91

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

Quant Time: May 20 01:43:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

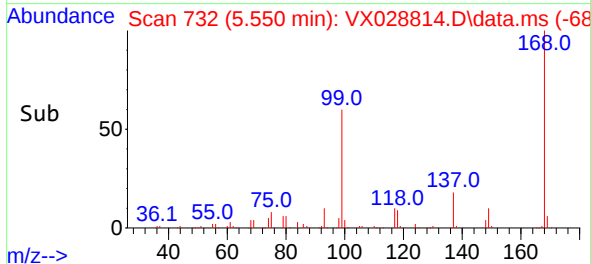
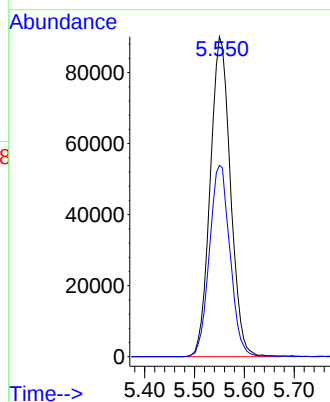
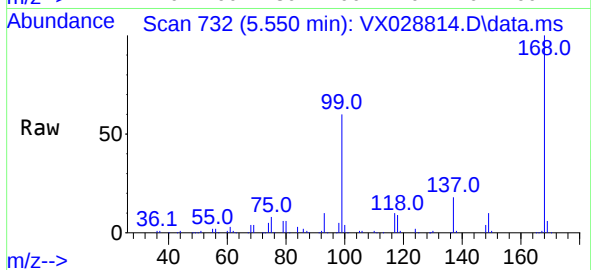




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

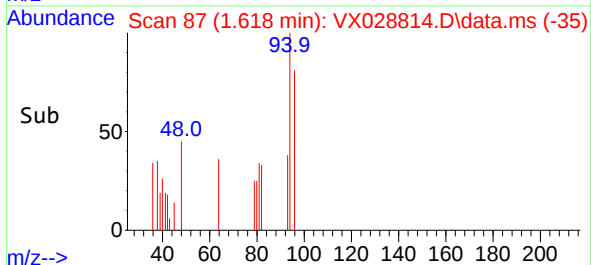
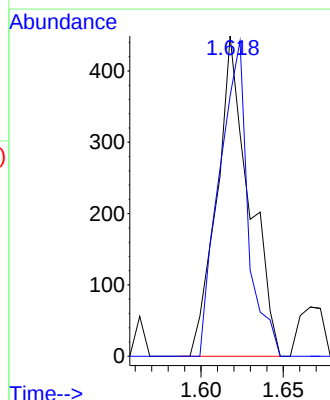
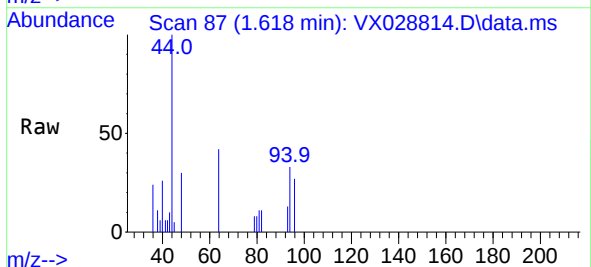
Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

Tgt Ion:168 Resp: 253753
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5

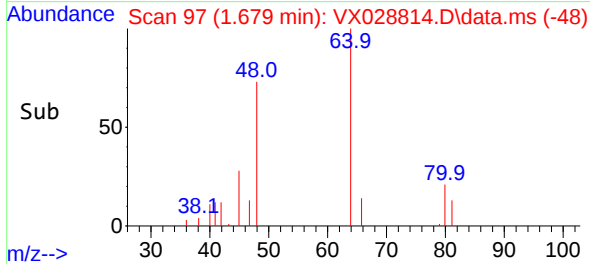
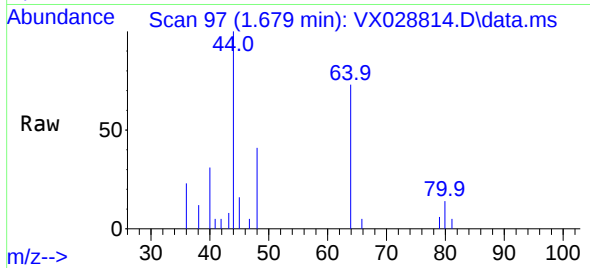
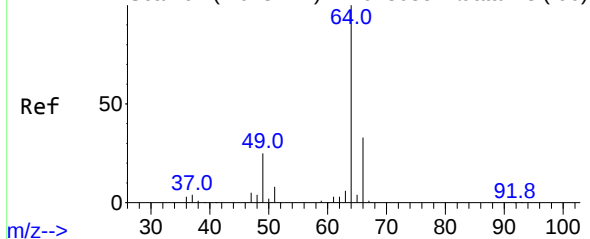


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Tgt Ion: 94 Resp: 615
Ion Ratio Lower Upper
94 100
96 81.3 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 91

Delta R.T. 0.001 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

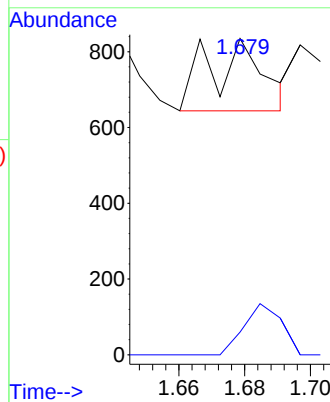
VX0519MBL01

Tgt Ion: 64 Resp: 215

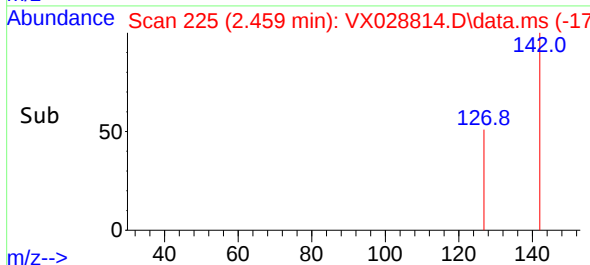
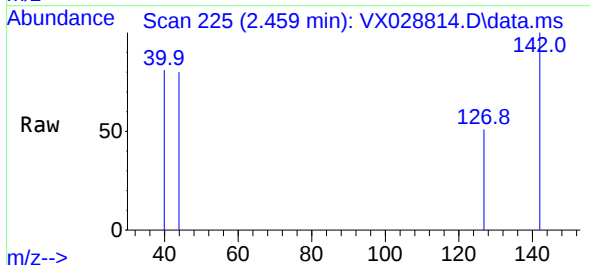
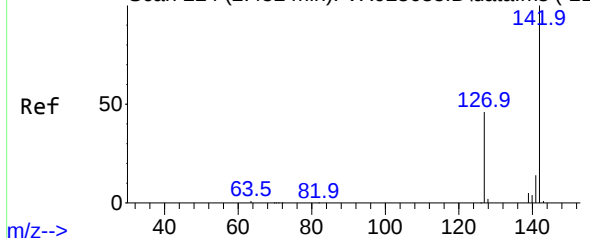
Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



#10

Methyl Iodide

Concen: 0.201 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.007 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

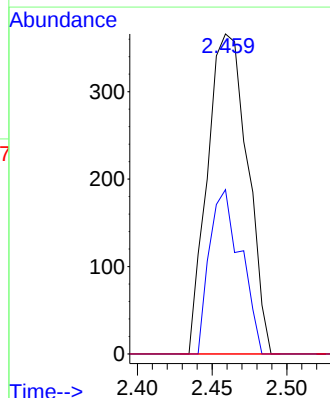
Tgt Ion:142 Resp: 681

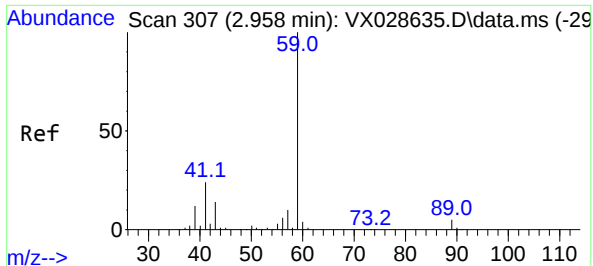
Ion Ratio Lower Upper

142 100

127 40.2 33.9 50.9

141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.655 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

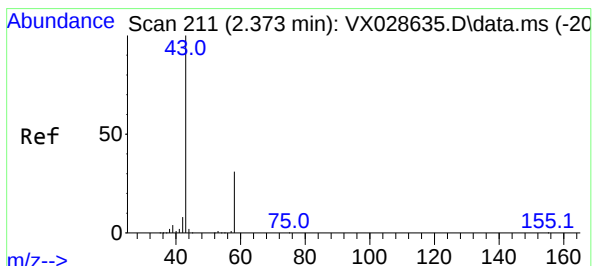
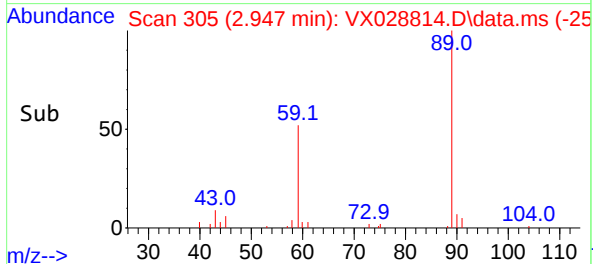
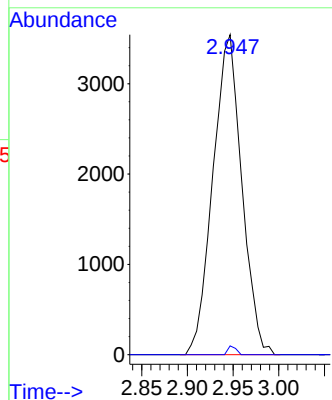
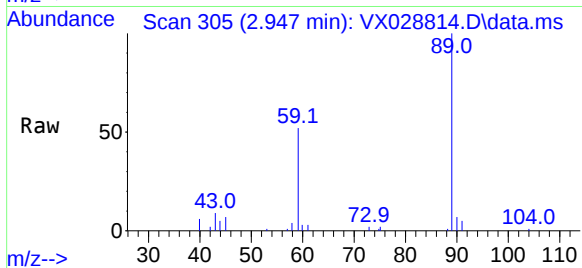
VX0519MBL01

Tgt Ion: 59 Resp: 7787

Ion Ratio Lower Upper

59 100

57 0.8 8.3 12.5#



#16

Acetone

Concen: 1.067 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX028814.D

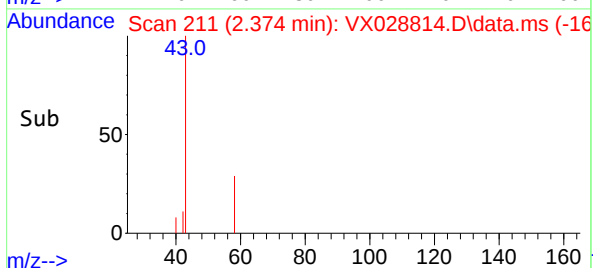
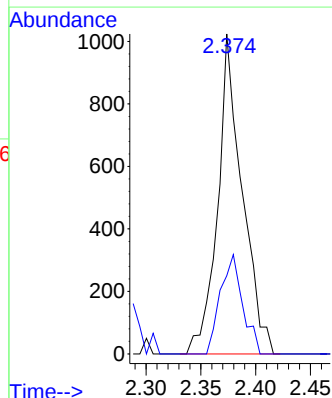
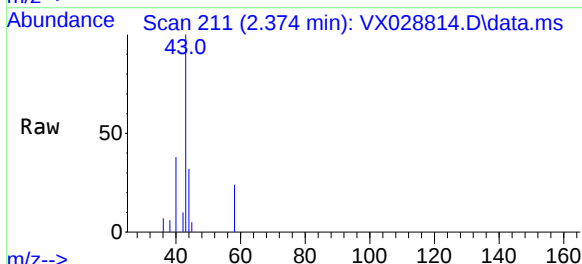
Acq: 19 May 2022 10:45

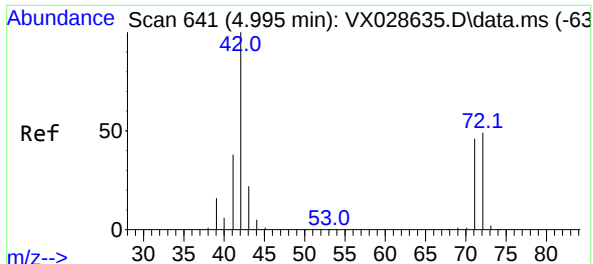
Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

43 100

58 24.4 28.8 43.2#





#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 5.032 min Scan# 641

Delta R.T. 0.037 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0519MBL01

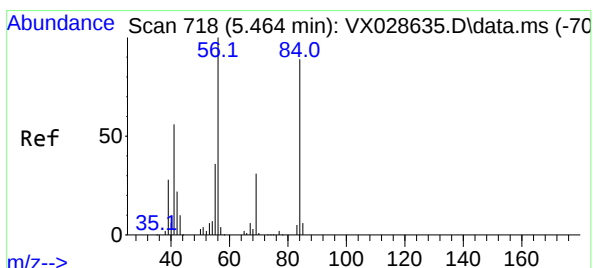
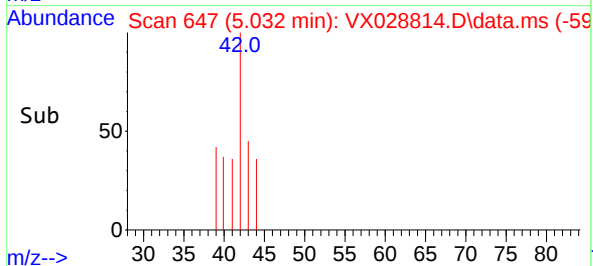
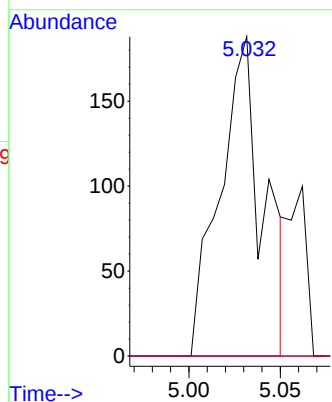
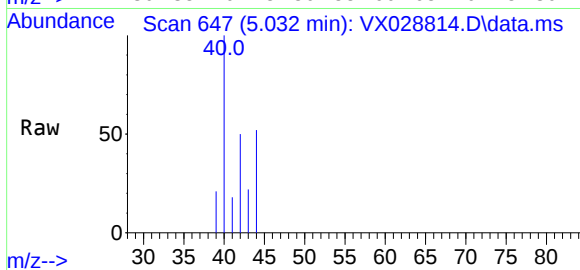
Tgt Ion: 42 Resp: 309

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

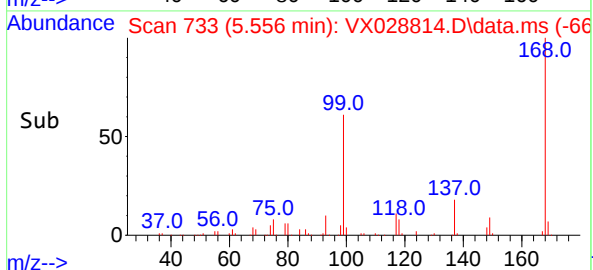
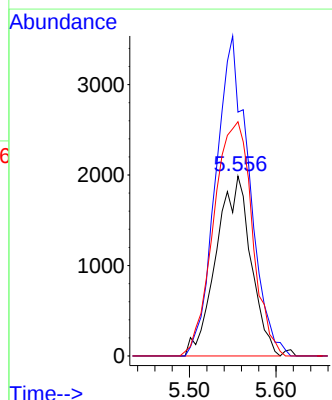
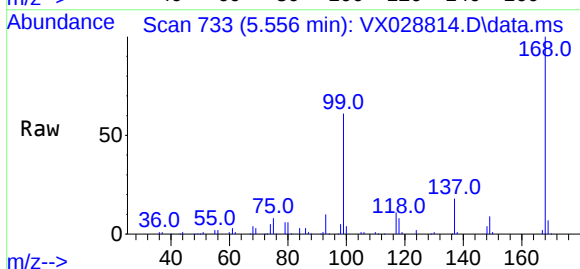
Tgt Ion: 56 Resp: 5521

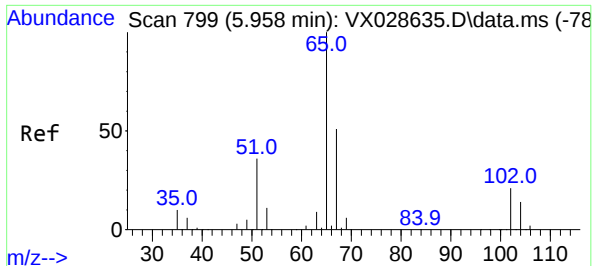
Ion Ratio Lower Upper

56 100

69 135.6 26.7 40.1#

84 130.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.717 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

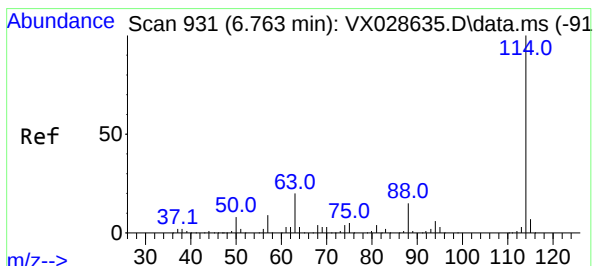
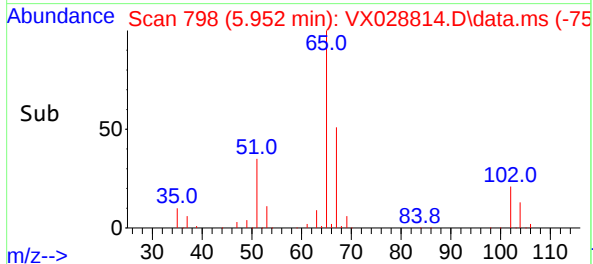
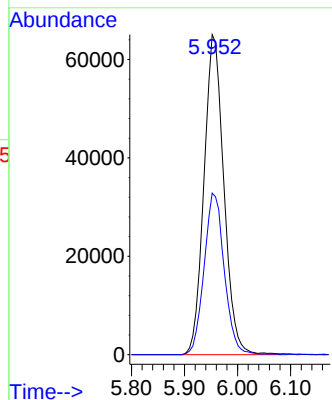
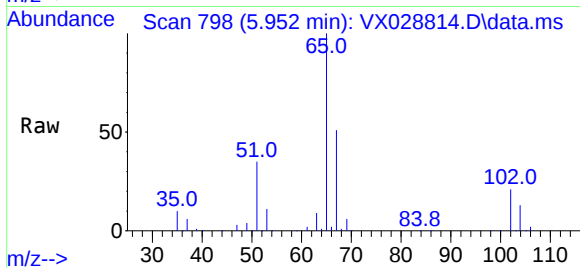
VX0519MBL01

Tgt Ion: 65 Resp: 169457

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

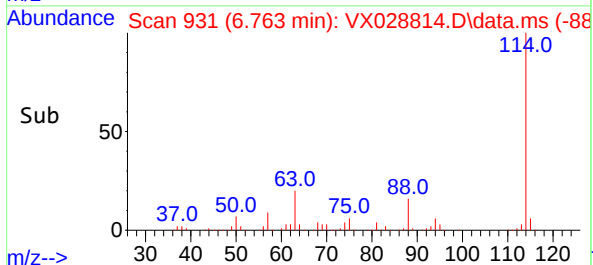
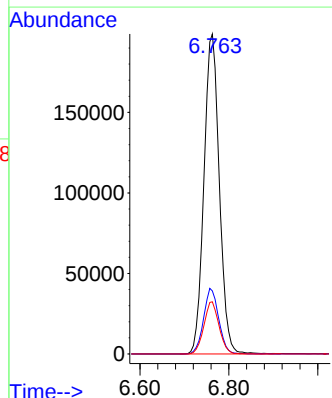
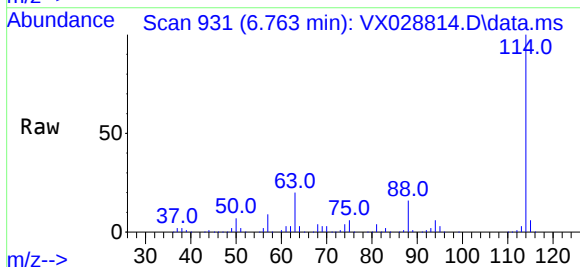
Tgt Ion: 114 Resp: 479134

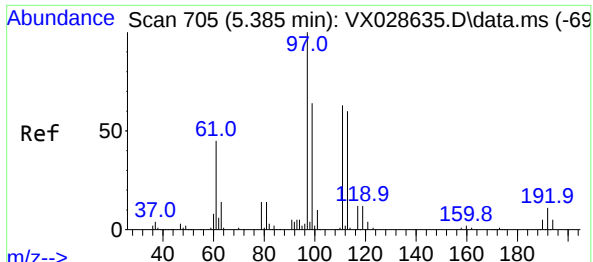
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.3 0.0 32.4

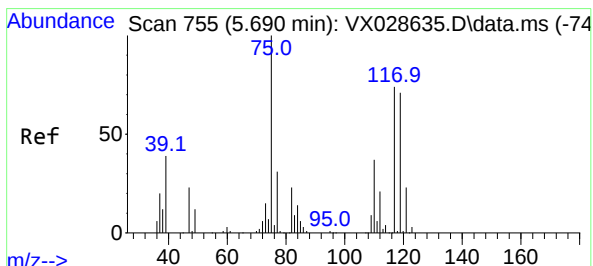
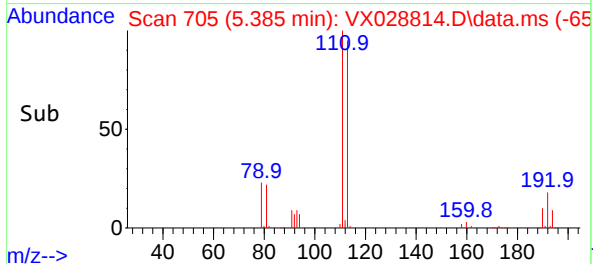
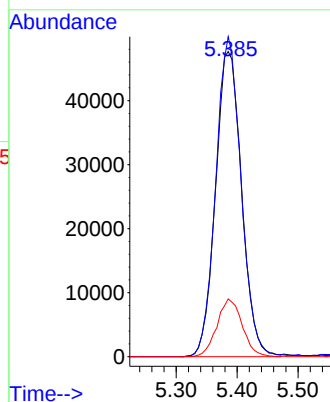
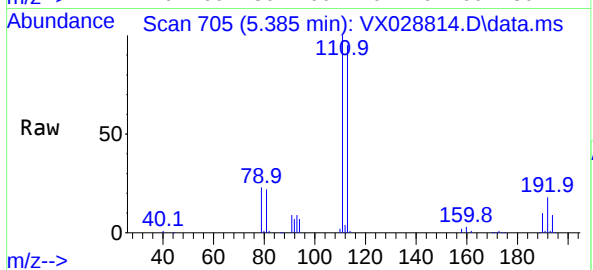




#35
Dibromofluoromethane
Concen: 45.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

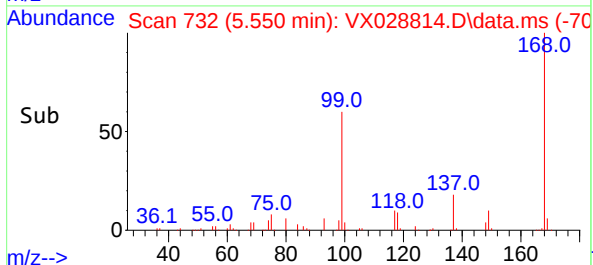
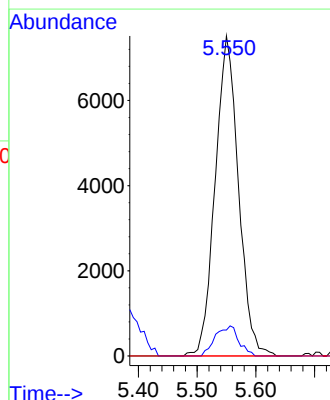
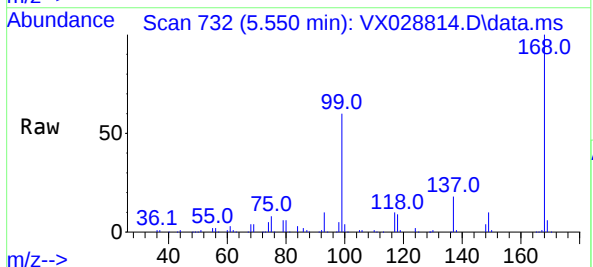
Instrument :
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VX0519MBL01

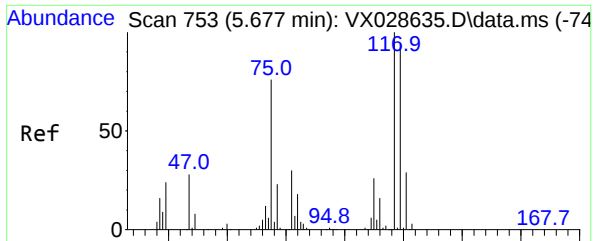
Tgt Ion:113 Resp: 141588
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

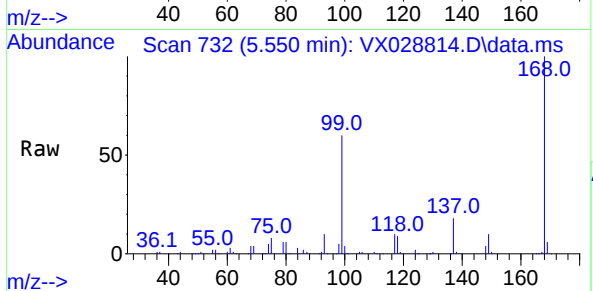
Tgt Ion: 75 Resp: 20707
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



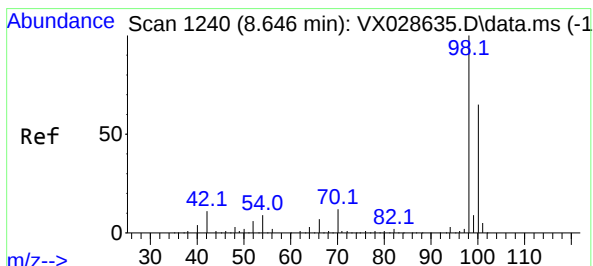
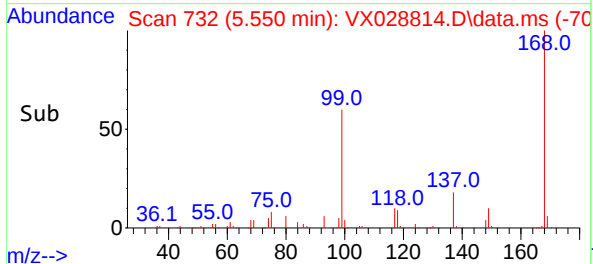
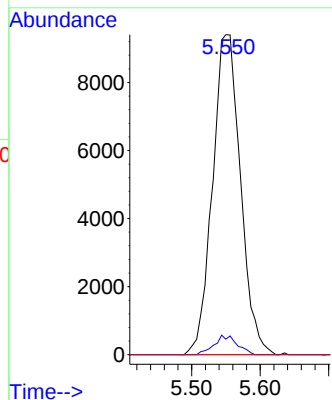


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

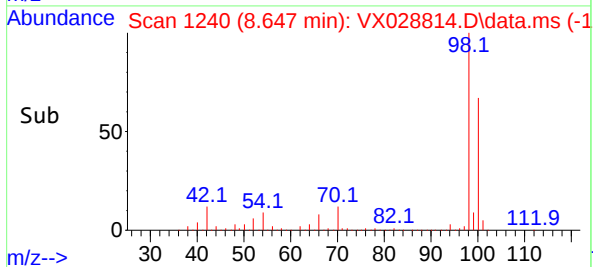
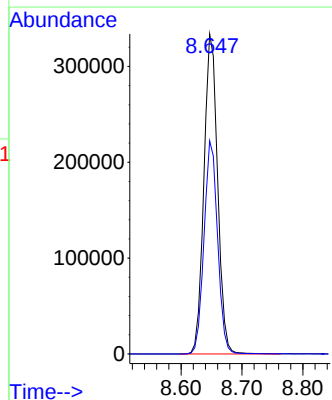
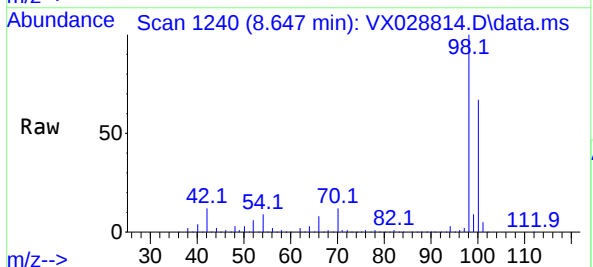


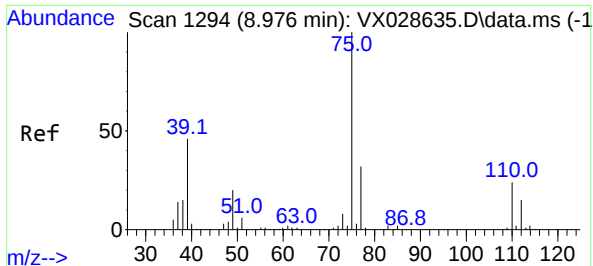
Tgt Ion:117 Resp: 26616
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.071 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Tgt Ion: 98 Resp: 521594
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.648 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

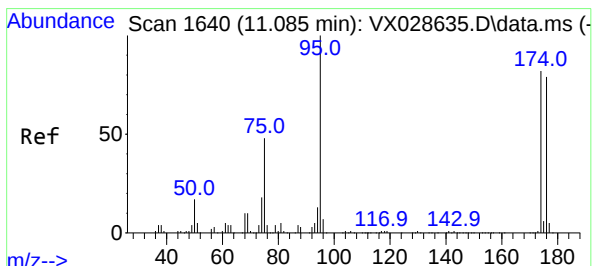
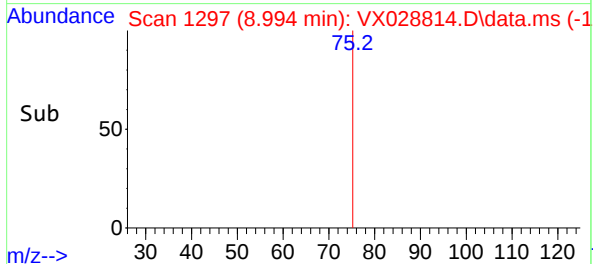
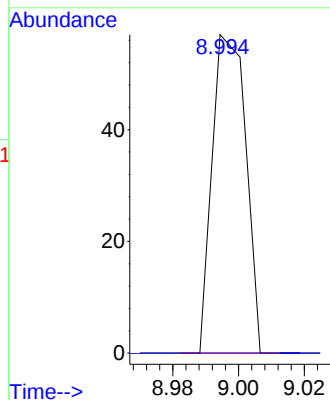
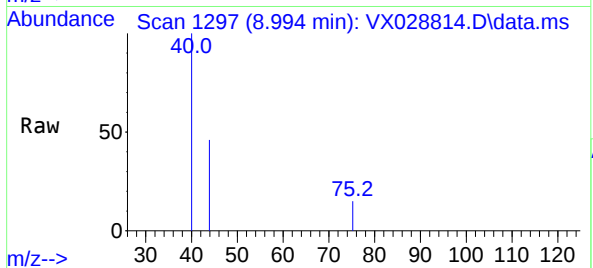
VX0519MBL01

Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 40.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028814.D

Acq: 19 May 2022 10:45

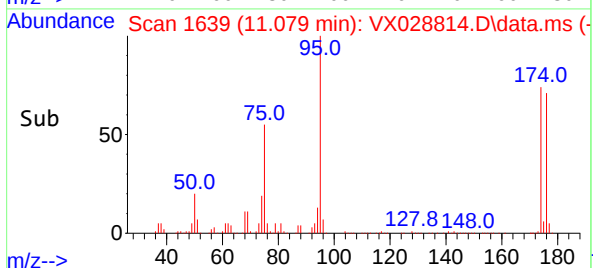
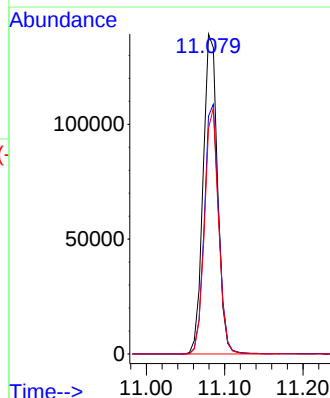
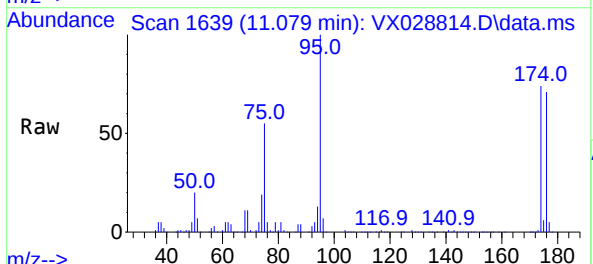
Tgt Ion: 95 Resp: 178599

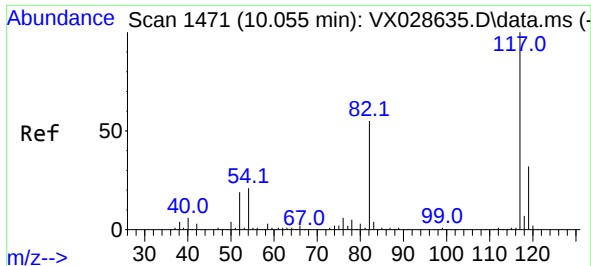
Ion Ratio Lower Upper

95 100

174 77.7 0.0 163.0

176 74.4 0.0 155.0

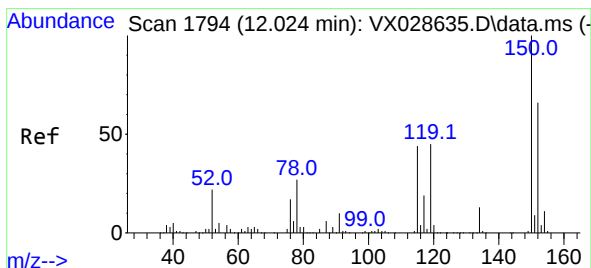
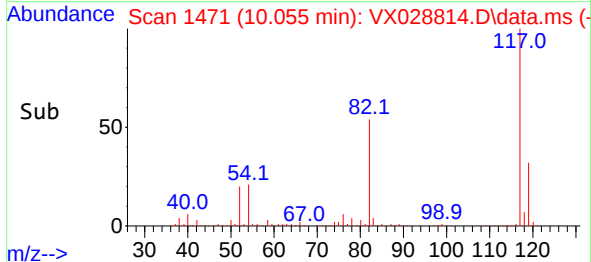
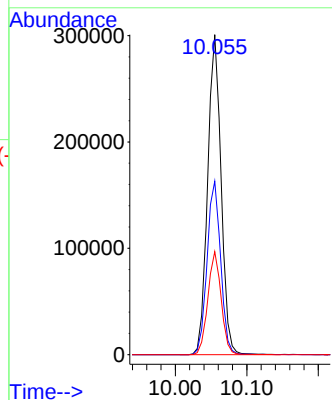
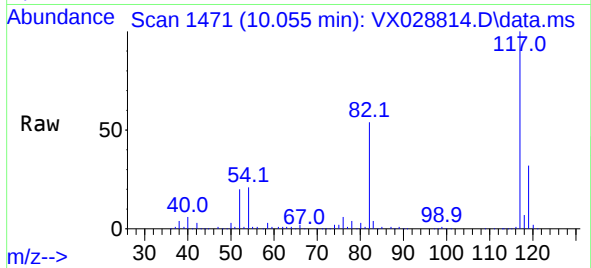




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

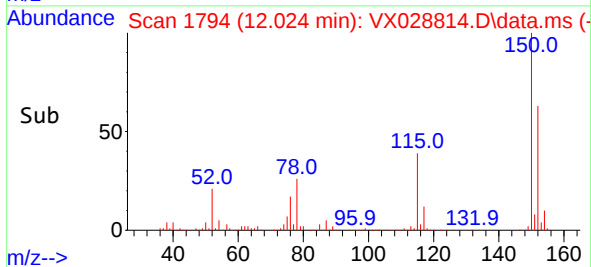
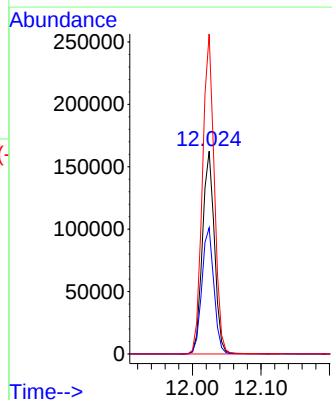
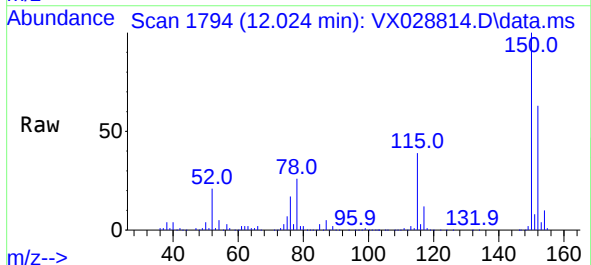
Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

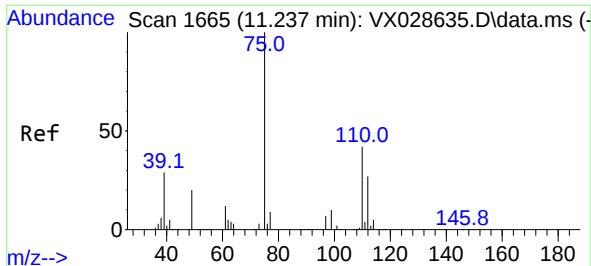
Tgt Ion:117 Resp: 393241
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Tgt Ion:152 Resp: 198567
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 155.8 0.0 338.2

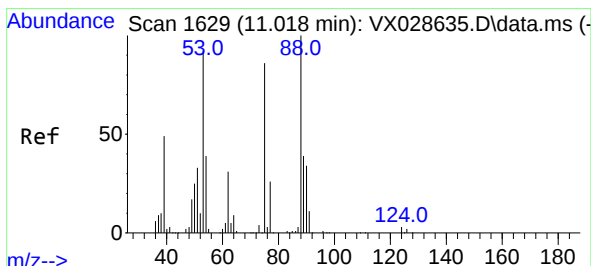
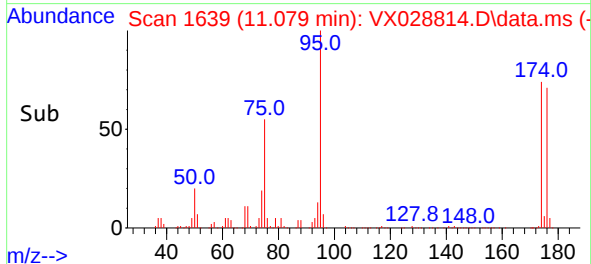
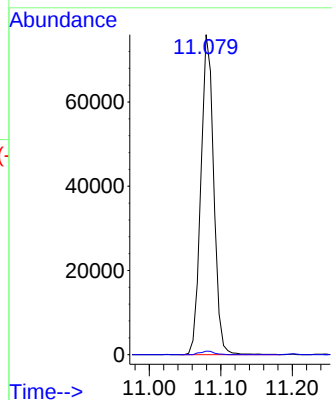
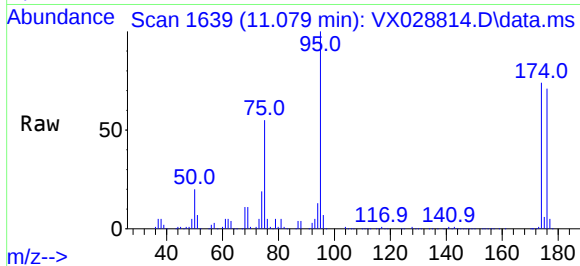




#76
1,2,3-Trichloropropane
Concen: 20.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

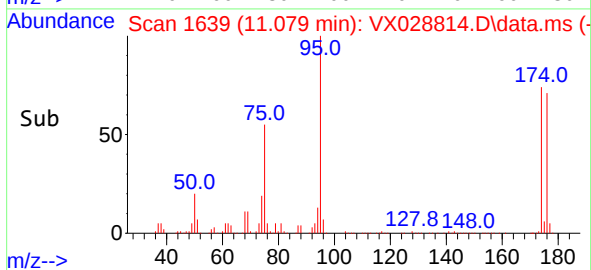
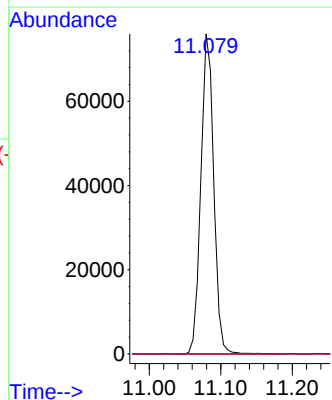
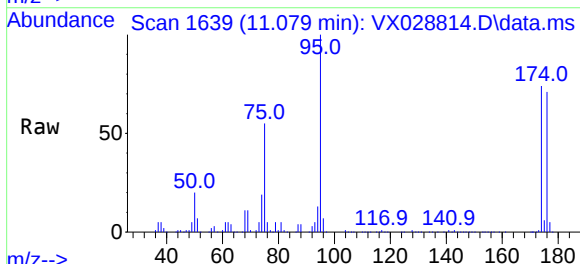
Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

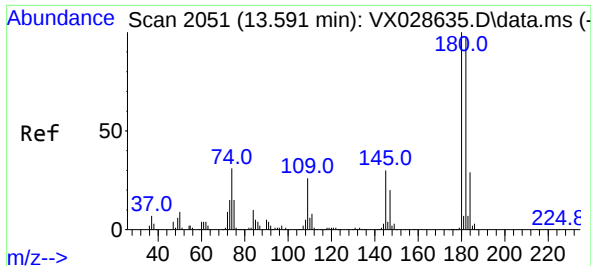
Tgt Ion: 75 Resp: 94827
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Tgt Ion: 75 Resp: 94827
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

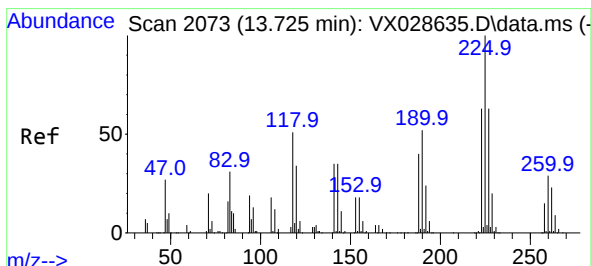
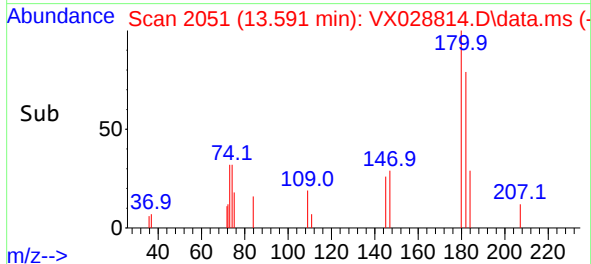
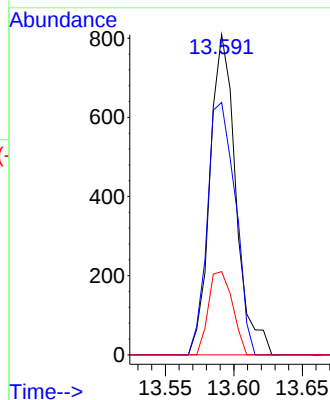
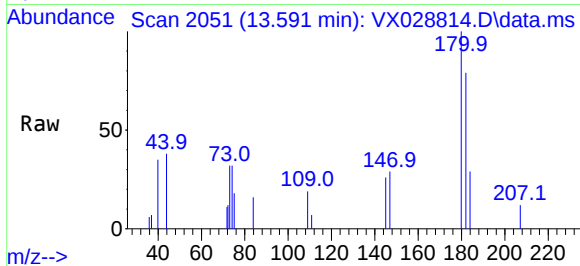




#93
1,2,4-Trichlorobenzene
Concen: 0.268 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

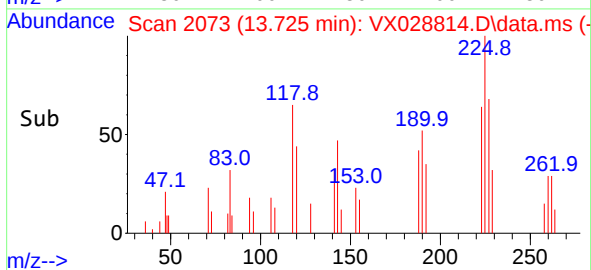
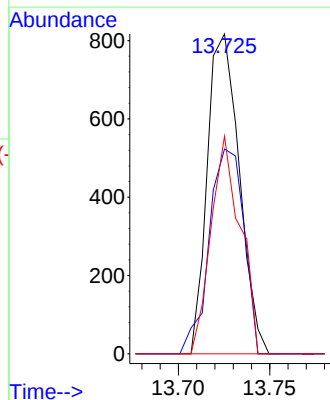
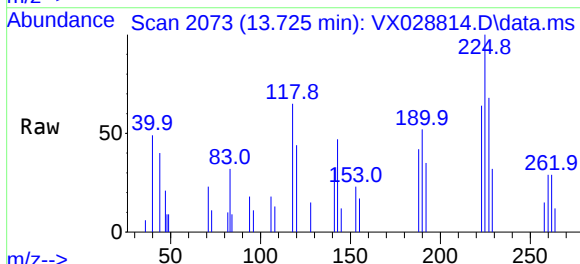
Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

Tgt Ion:180	Resp:	1063
Ion	Ratio	Lower Upper
180	100	
182	85.4	47.7 143.1
145	24.1	15.2 45.5

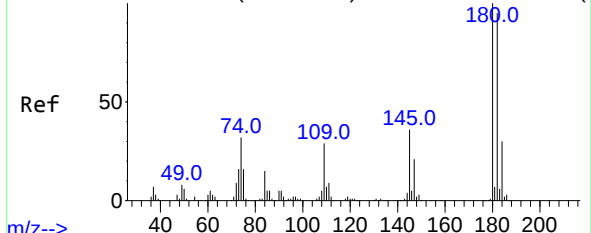


#94
Hexachlorobutadiene
Concen: 0.618 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

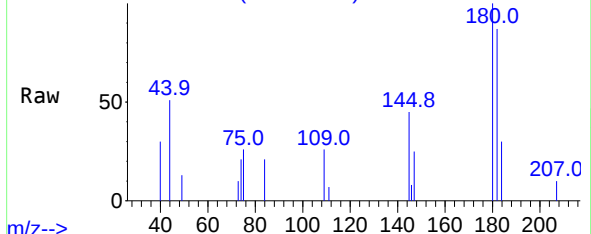
Tgt Ion:225	Resp:	995
Ion	Ratio	Lower Upper
225	100	
223	69.3	34.2 102.5
227	62.3	33.9 101.7



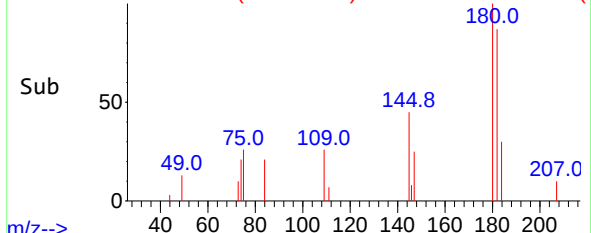
Abundance Scan 2112 (13.963 min): VX028635.D\data.ms (-



Abundance Scan 2112 (13.963 min): VX028814.D\data.ms (-



Abundance Scan 2112 (13.963 min): VX028814.D\data.ms (-



#96
1,2,3-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028814.D
Acq: 19 May 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0519MBL01

Tgt Ion:	180	Resp:	1105
Ion	Ratio	Lower	Upper
180	100		
182	89.3	50.0	149.8
145	33.8	16.2	48.5

