

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045228.D
 Acq On : 11 Mar 2025 16:43
 Operator : JC/MD
 Sample : Q1531-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250305

Quant Time: Mar 12 01:51:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

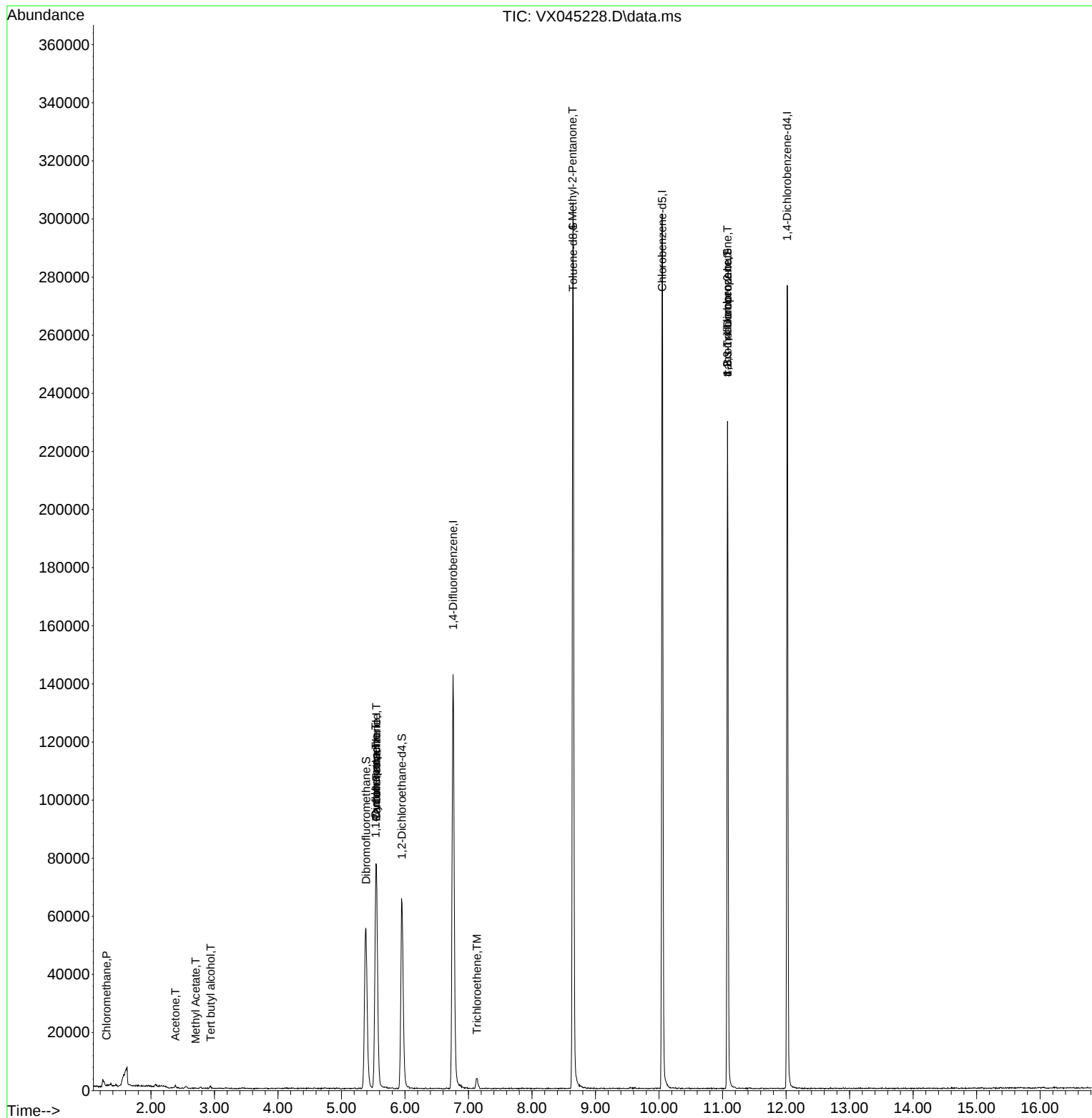
Internal Standards						
1) Pentafluorobenzene	5.550	168	71458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61425	54.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.080%	
35) Dibromofluoromethane	5.385	113	48749	52.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	8.647	98	176139	52.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.079	95	59513	53.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	436	0.396	ug/l #	88
11) Tert butyl alcohol	2.940	59	281	1.305	ug/l #	73
16) Acetone	2.386	43	964	1.828	ug/l	92
18) Methyl Acetate	2.703	43	256	0.202	ug/l #	54
31) Cyclohexane	5.544	56	1832	1.185	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	6470	5.060	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7830	6.032	ug/l #	18
44) Trichloroethene	7.135	130	1527	1.611	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	890	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32867	26.265	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32867	89.885	ug/l #	6

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

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RE122D3-20250305

Quant Time: Mar 12 01:51:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

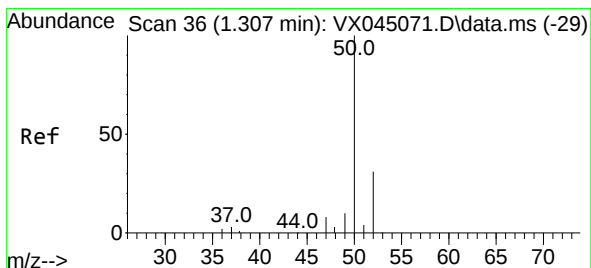
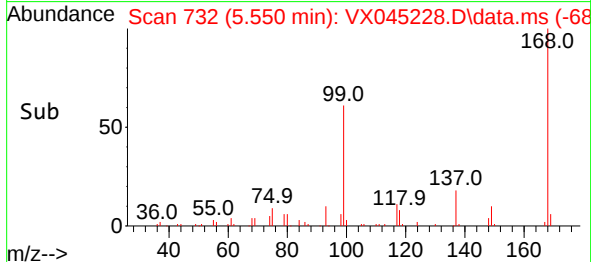
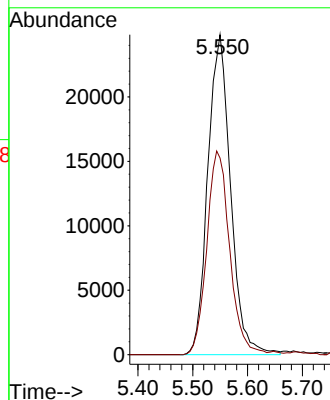
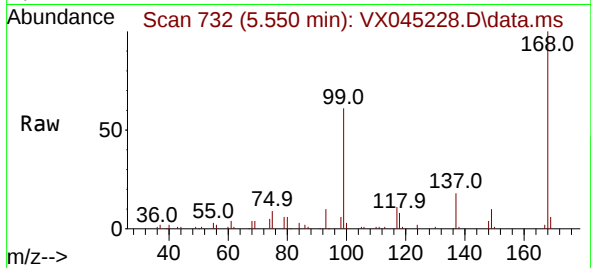




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

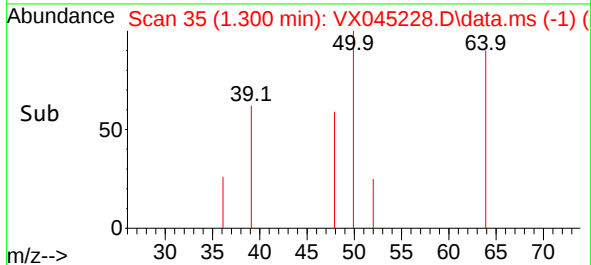
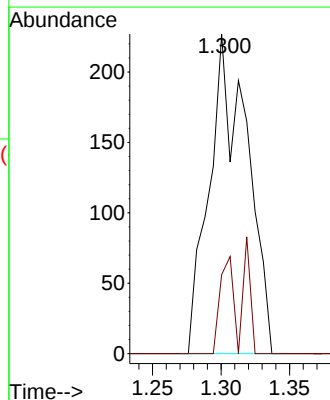
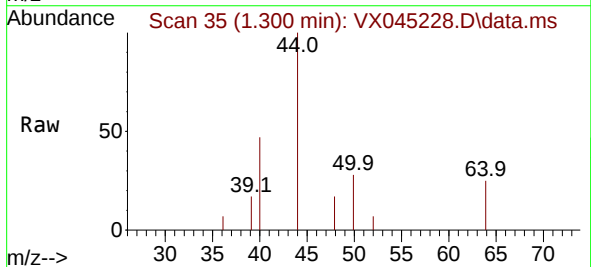
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

Tgt Ion:168 Resp: 71458
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#3
Chloromethane
Concen: 0.396 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion: 50 Resp: 436
Ion Ratio Lower Upper
50 100
52 24.7 25.0 37.4#

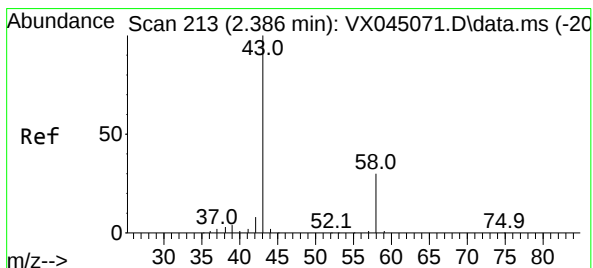
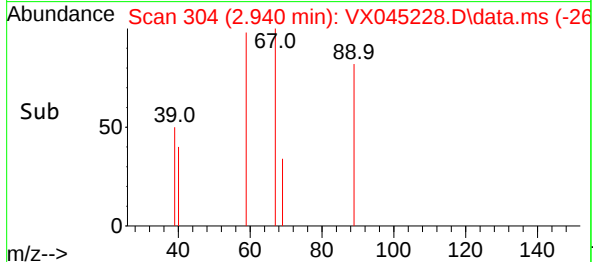
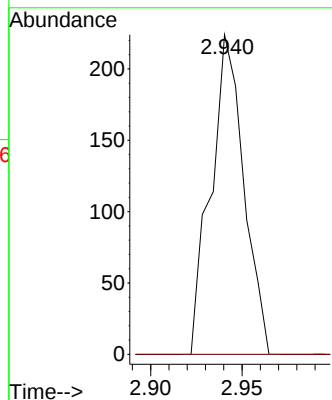
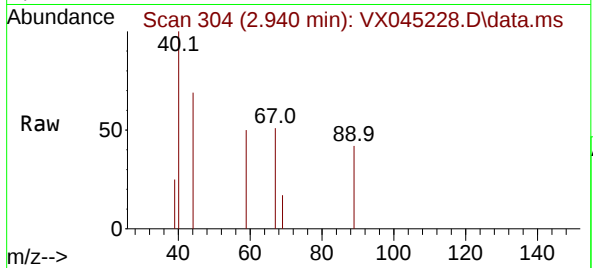




#11
Tert butyl alcohol
Concen: 1.305 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

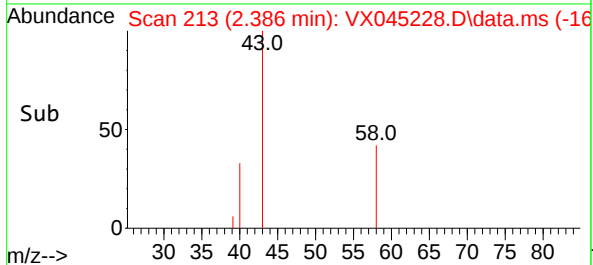
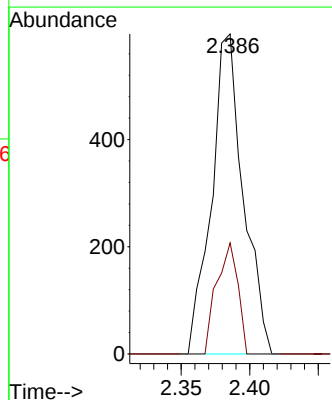
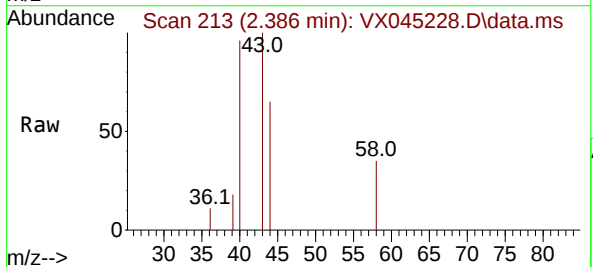
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

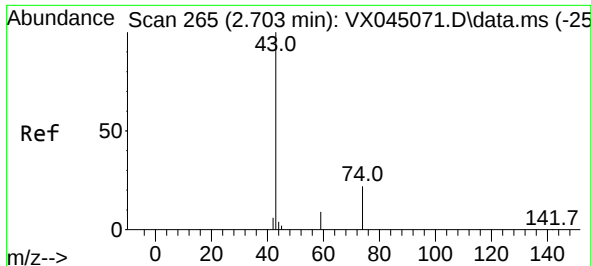
Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.828 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 34.7 24.2 36.4

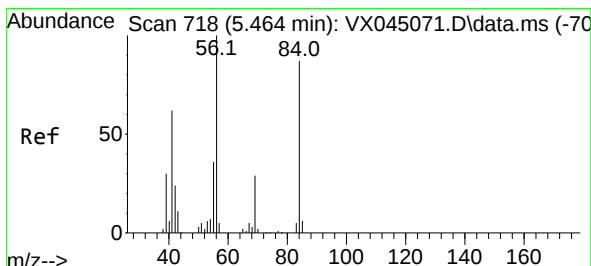
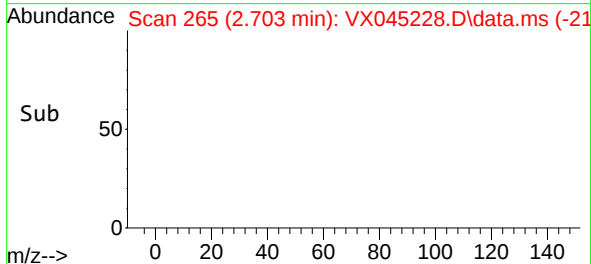
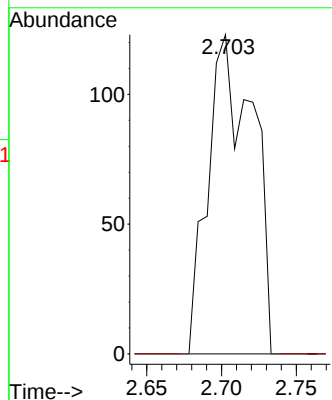
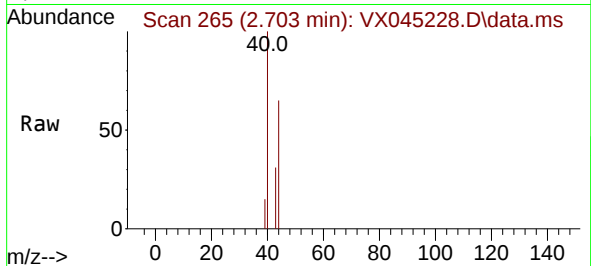




#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

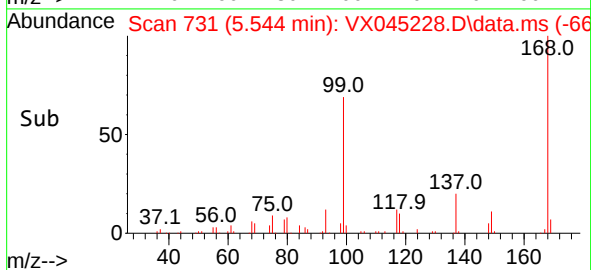
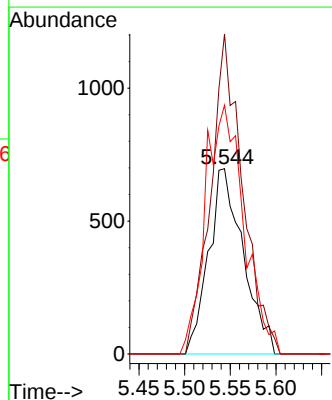
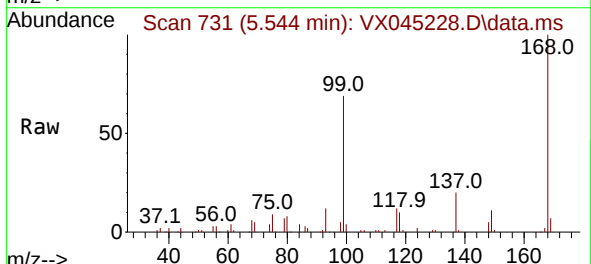
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion: 56 Resp: 1832
Ion Ratio Lower Upper
56 100
69 172.7 23.4 35.2#
84 134.3 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.041 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045228.D

Acq: 11 Mar 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

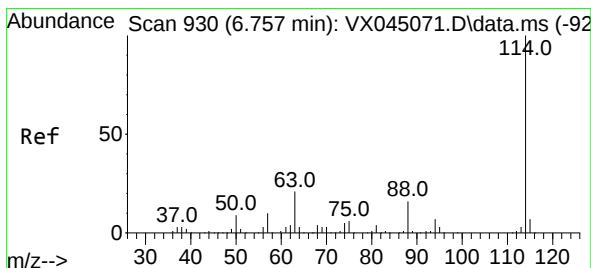
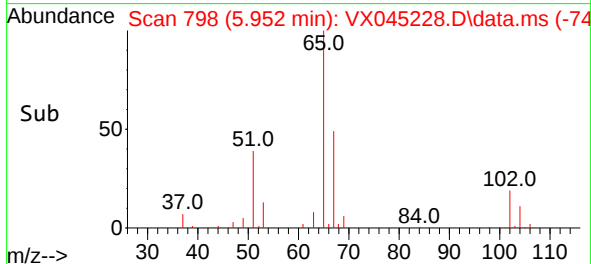
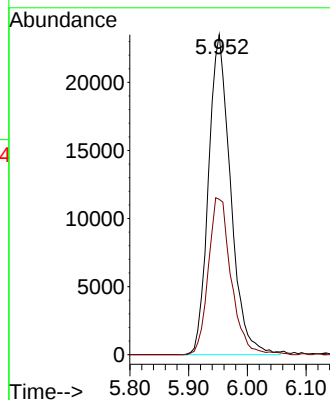
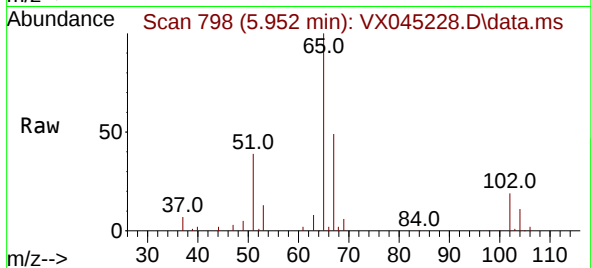
RE122D3-20250305

Tgt Ion: 65 Resp: 61425

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045228.D

Acq: 11 Mar 2025 16:43

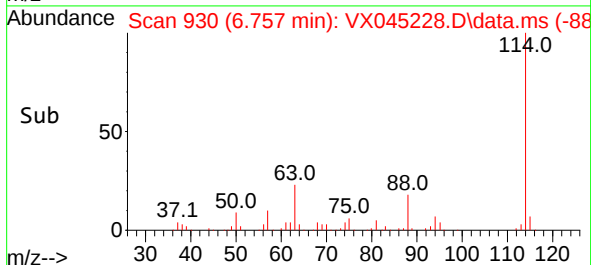
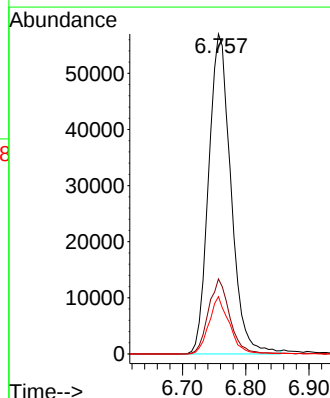
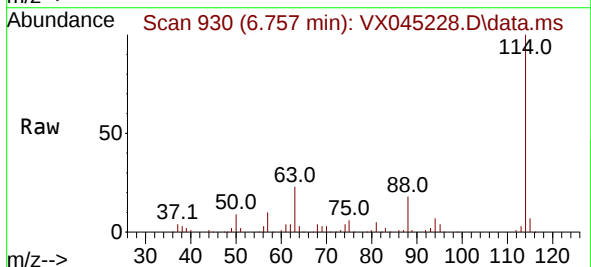
Tgt Ion: 114 Resp: 139429

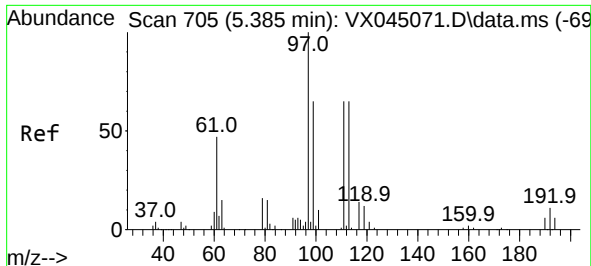
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 17.9 0.0 32.8

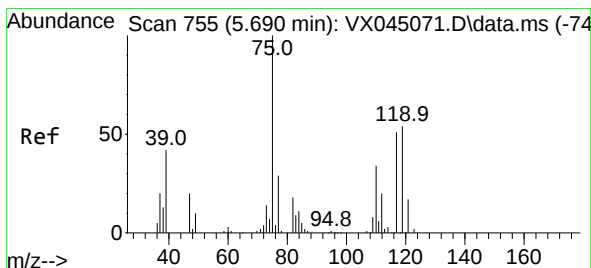
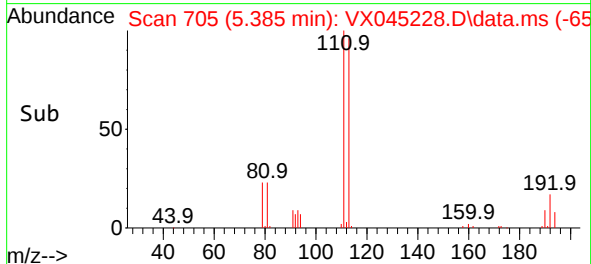
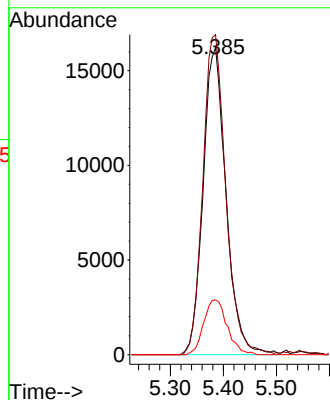
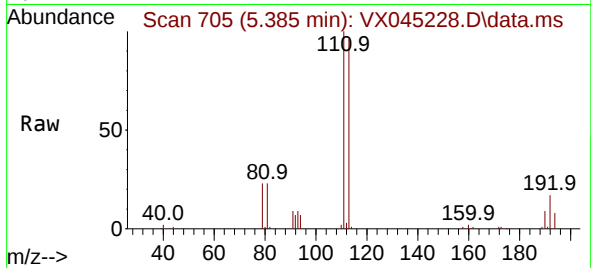




#35
Dibromofluoromethane
Concen: 52.288 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

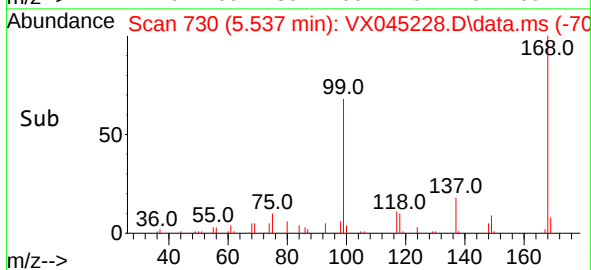
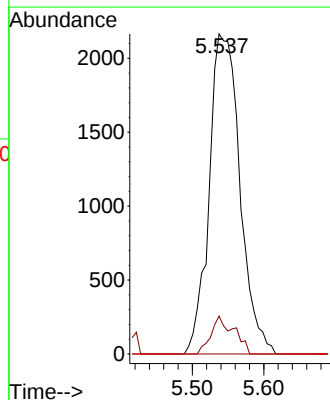
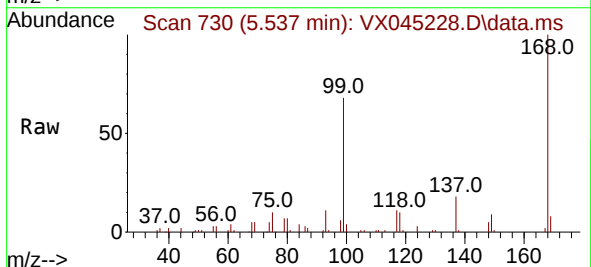
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

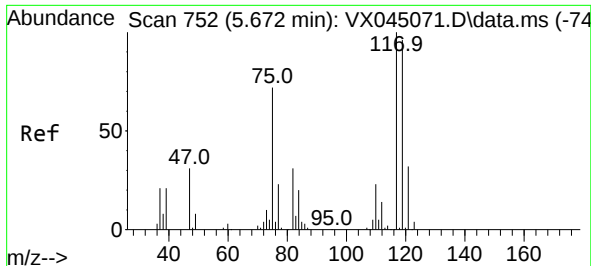
Tgt Ion:113 Resp: 48749
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

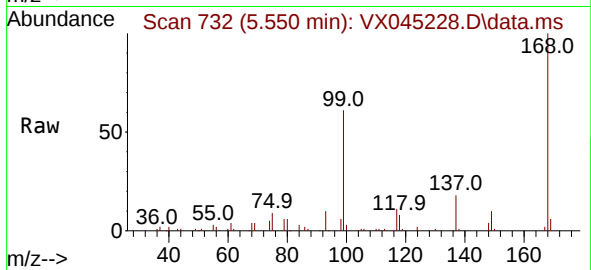
Tgt Ion: 75 Resp: 6470
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 24.5 36.7#



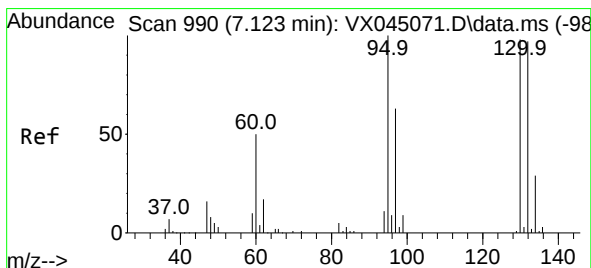
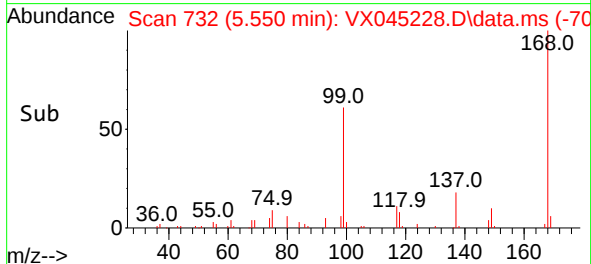
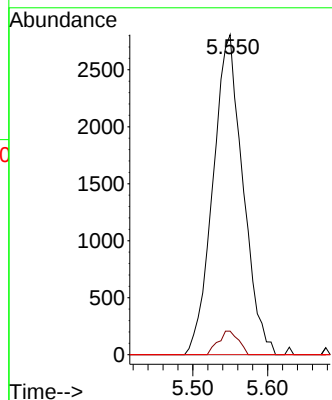


#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

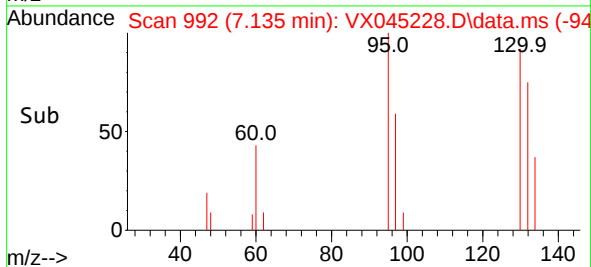
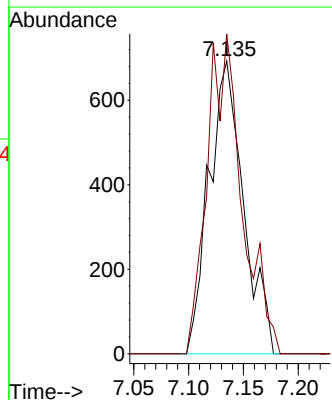
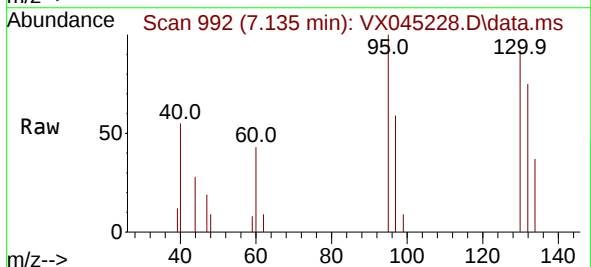


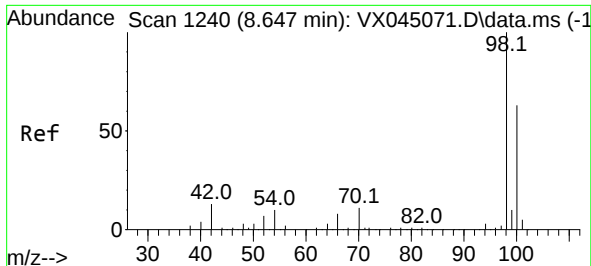
Tgt Ion:117 Resp: 7830
Ion Ratio Lower Upper
117 100
119 7.4 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 1.611 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion:130 Resp: 1527
Ion Ratio Lower Upper
130 100
95 109.2 0.0 205.0

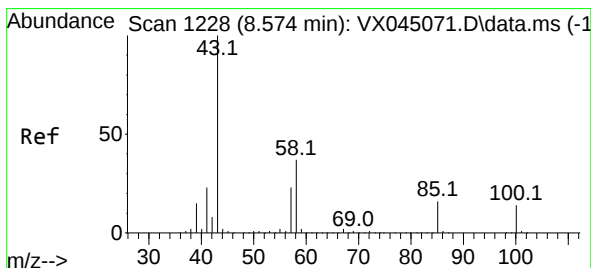
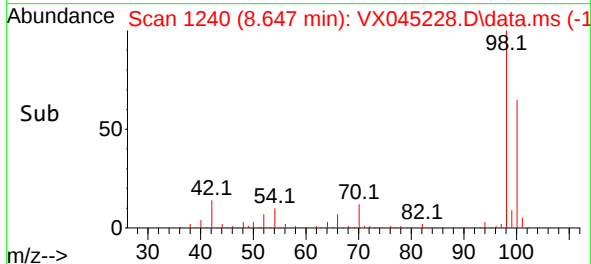
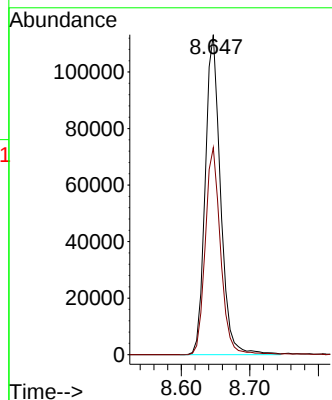
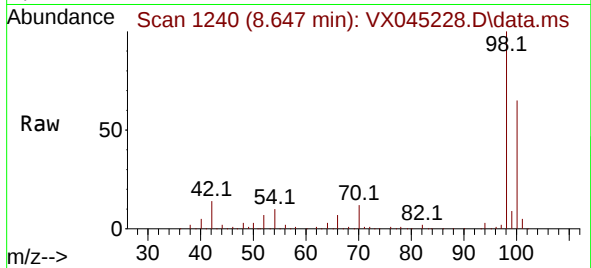




#50
Toluene-d8
Concen: 52.112 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

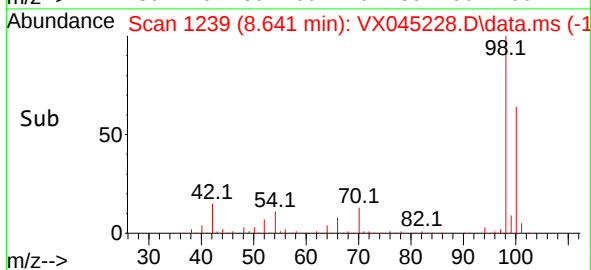
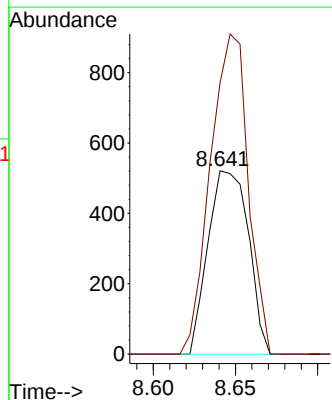
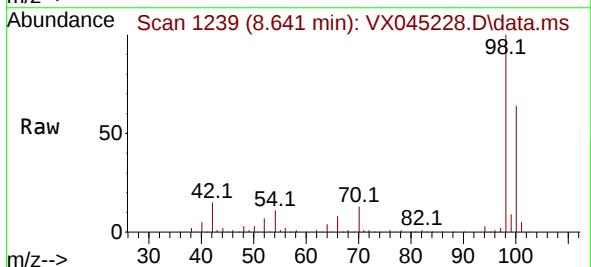
Instrument :
MSVOA_X
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RE122D3-20250305

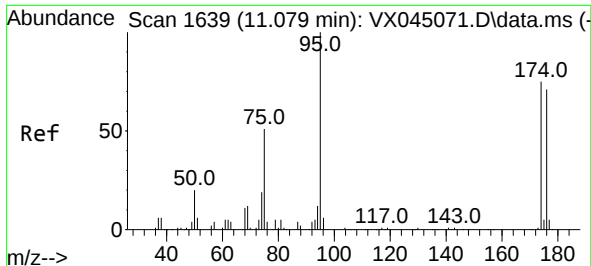
Tgt Ion: 98 Resp: 176139
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 163.5 29.2 43.8#

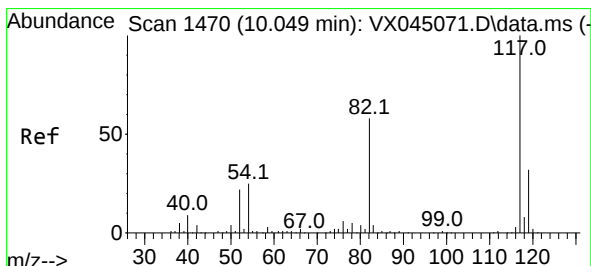
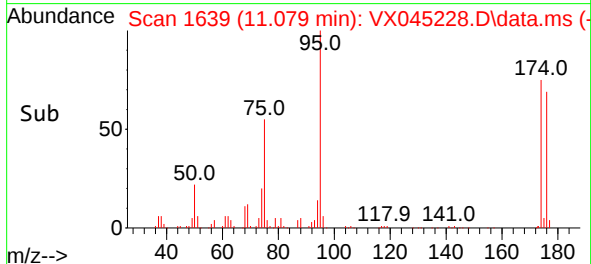
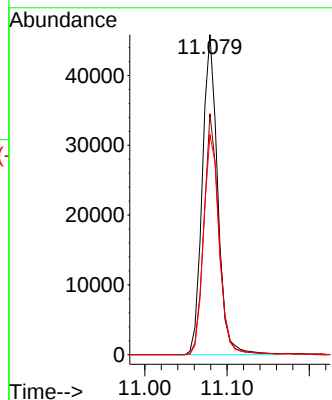
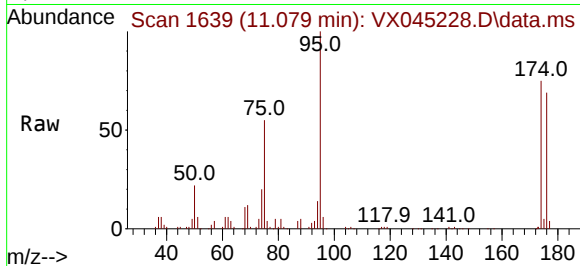




#62
4-Bromofluorobenzene
Concen: 53.135 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

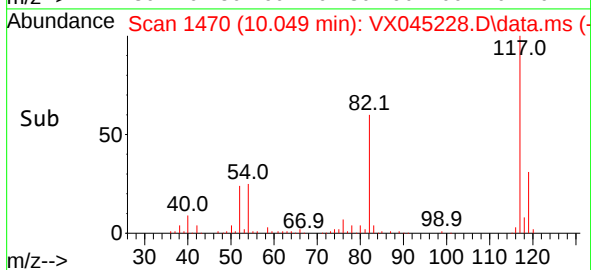
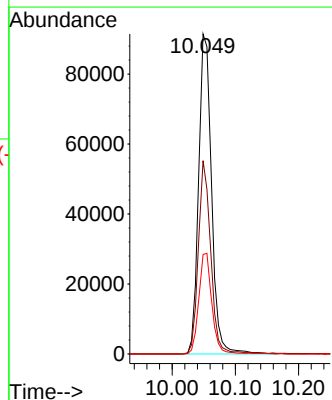
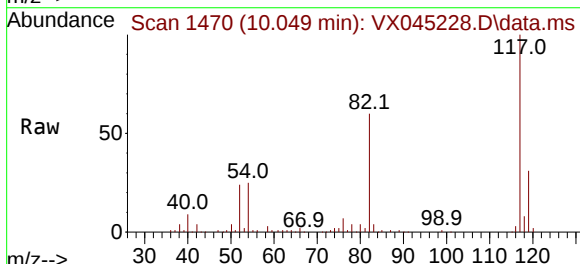
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305

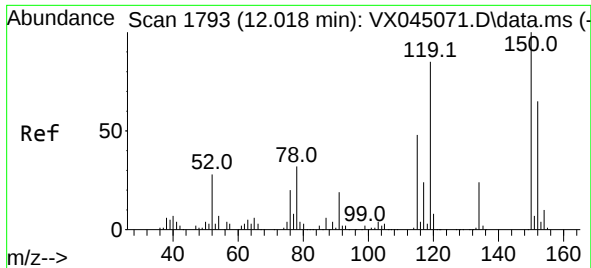
Tgt Ion: 95 Resp: 59513
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.2
176 70.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Tgt Ion: 117 Resp: 130797
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 31.1 25.7 38.5

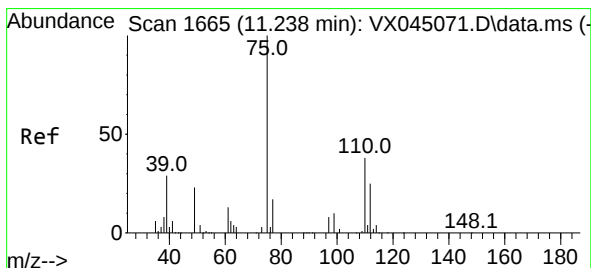
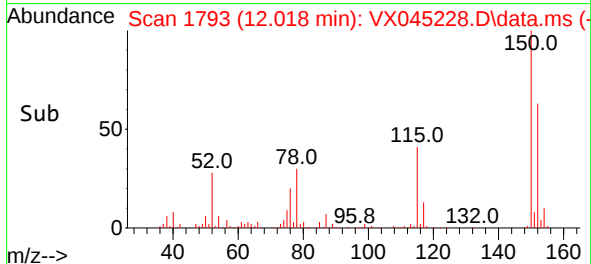
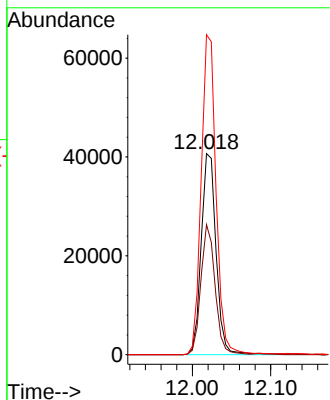
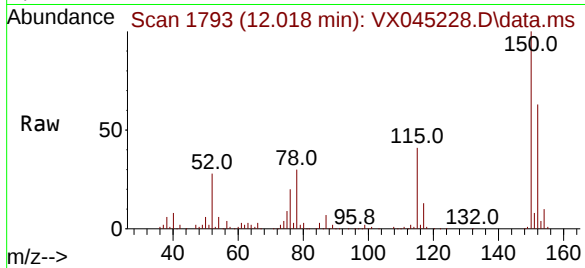




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045228.D
 Acq: 11 Mar 2025 16:43

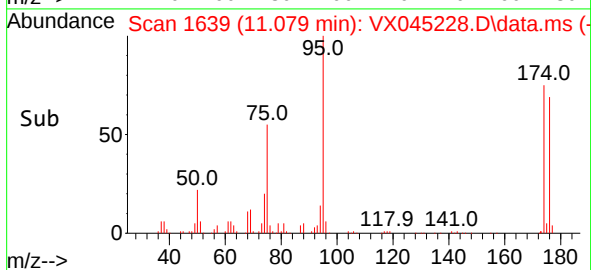
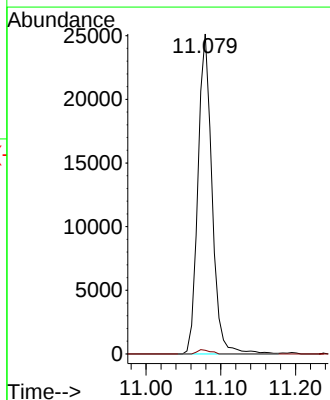
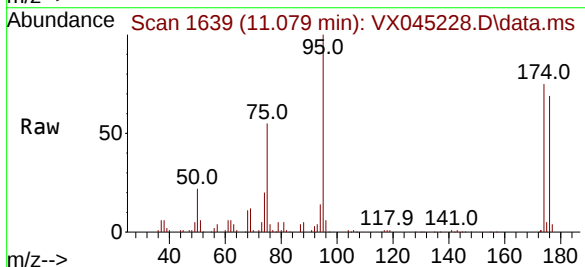
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250305

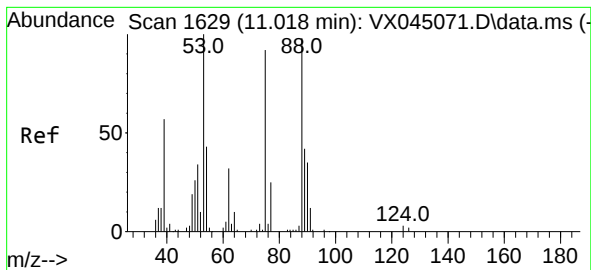
Tgt Ion:152 Resp: 53763
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.2 132.6
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.265 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045228.D
 Acq: 11 Mar 2025 16:43

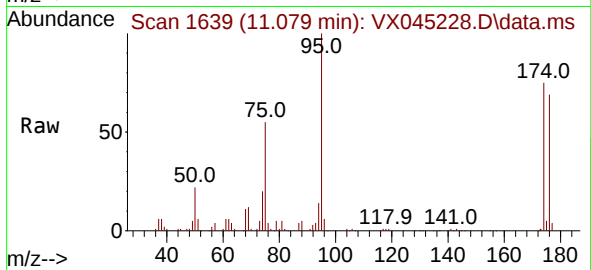
Tgt Ion: 75 Resp: 32867
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.885 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045228.D
Acq: 11 Mar 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250305



Tgt Ion: 75 Resp: 32867
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

