

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045969.D
 Acq On : 28 Apr 2025 20:05
 Operator : JC/MD
 Sample : Q1896-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 295-BERGEN-FRAC

Quant Time: Apr 29 01:37:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

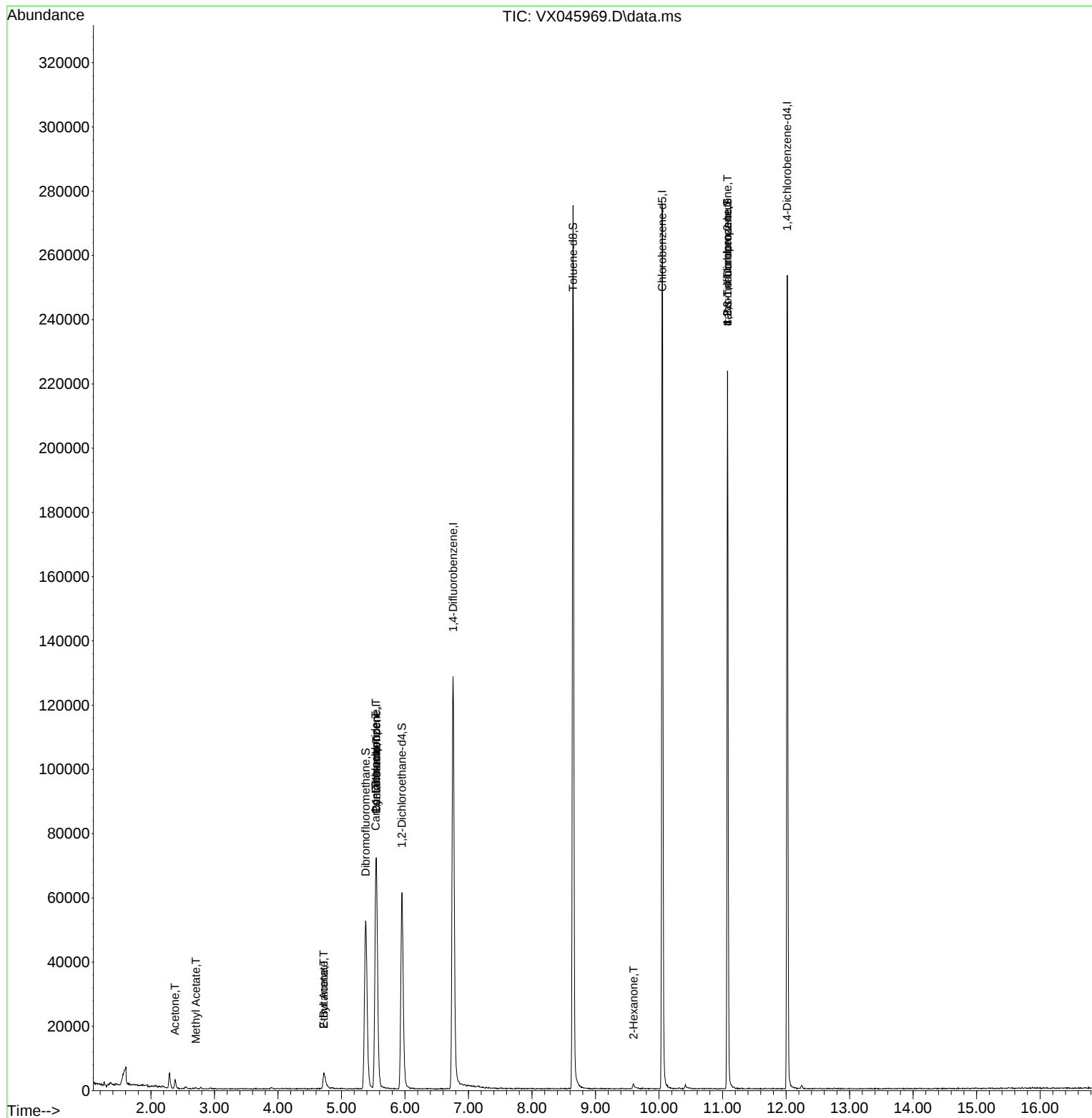
Internal Standards						
1) Pentafluorobenzene	5.550	168	61486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63098	56.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.240%			
35) Dibromofluoromethane	5.379	113	45104	51.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	8.647	98	156849	50.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.940%			
62) 4-Bromofluorobenzene	11.079	95	56938	50.798	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.600%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2926	6.337	ug/l #	88
18) Methyl Acetate	2.709	43	535	0.503	ug/l #	54
25) 2-Butanone	4.721	43	10065	14.892	ug/l #	52
31) Cyclohexane	5.550	56	1852	1.343	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	6149	5.166	ug/l #	51
37) Ethyl Acetate	4.721	43	10190	6.793	ug/l	97
38) Carbon Tetrachloride	5.538	117	7395	5.748	ug/l #	15
59) 2-Hexanone	9.598	43	1422	1.274	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	33359	29.367	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33359	99.669	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

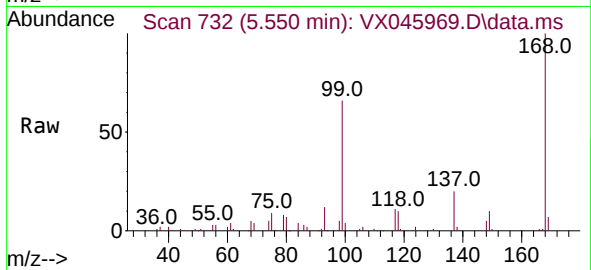
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



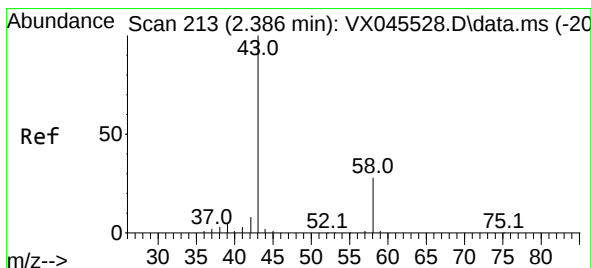
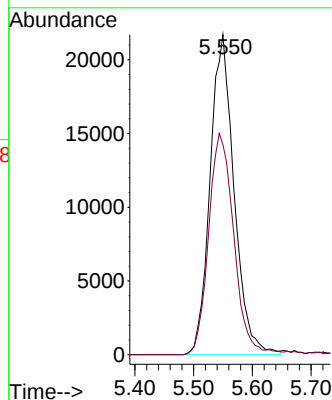
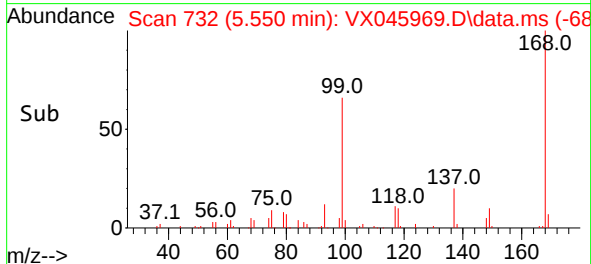


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

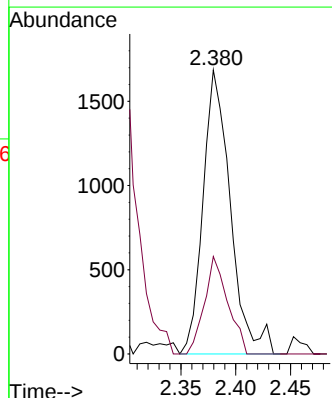
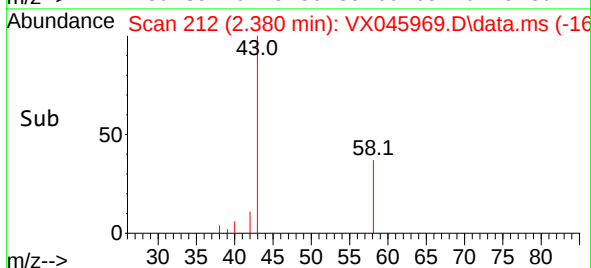
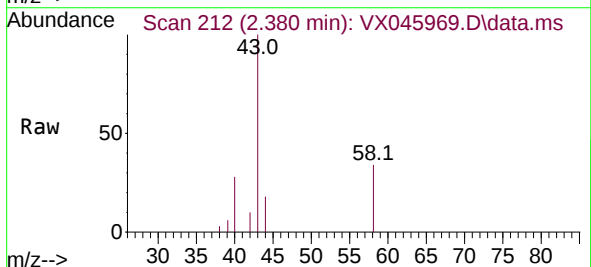


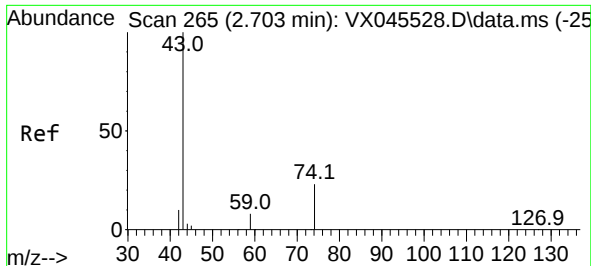
Tgt Ion:168 Resp: 61486
Ion Ratio Lower Upper
168 100
99 65.7 52.3 78.5



#16
Acetone
Concen: 6.337 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 34.3 22.3 33.5#

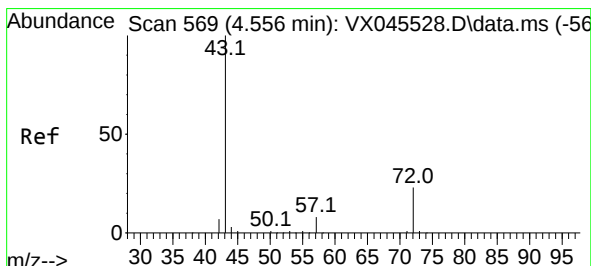
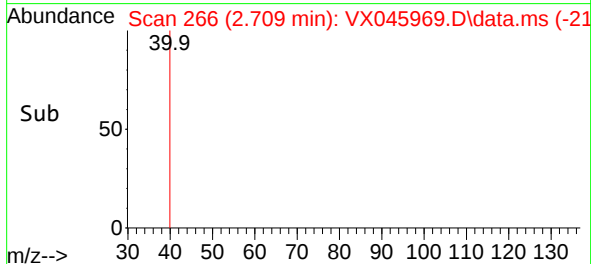
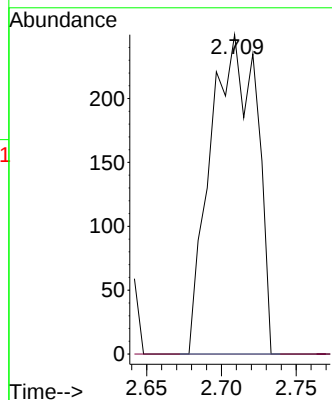
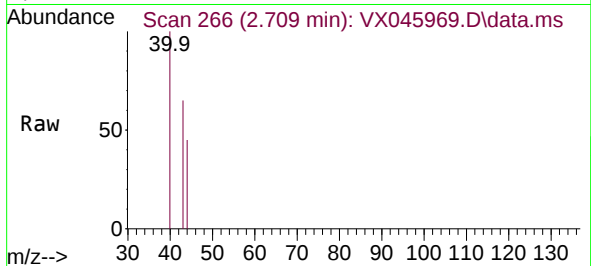




#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

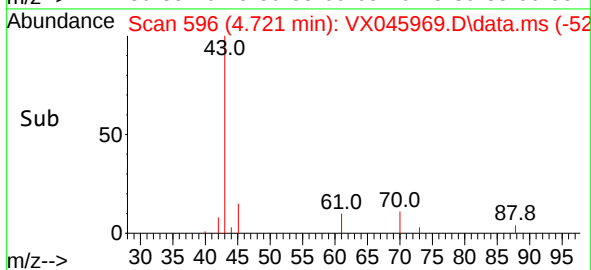
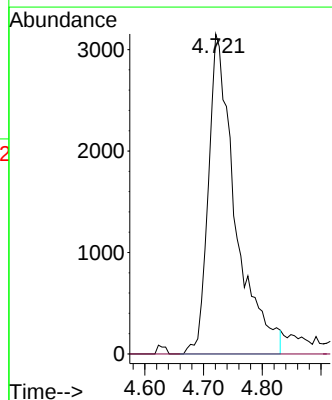
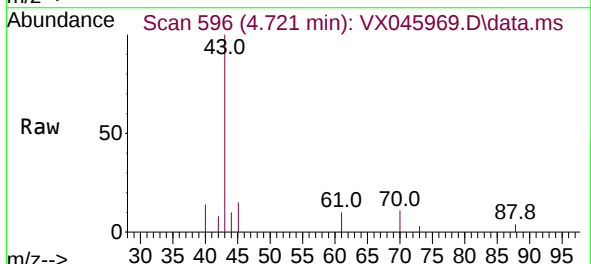
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

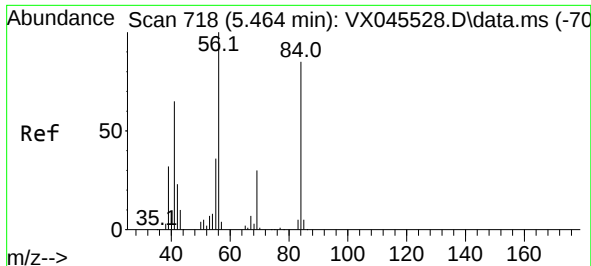
Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#25
2-Butanone
Concen: 14.892 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.165 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 43 Resp: 10065
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#

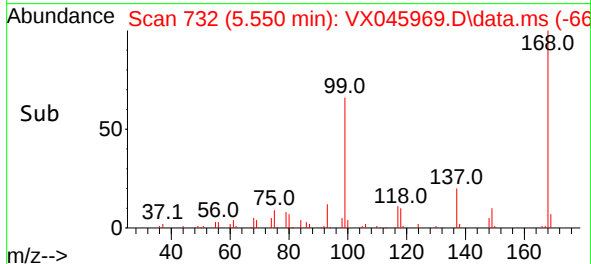
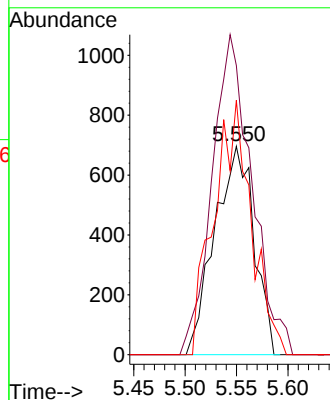
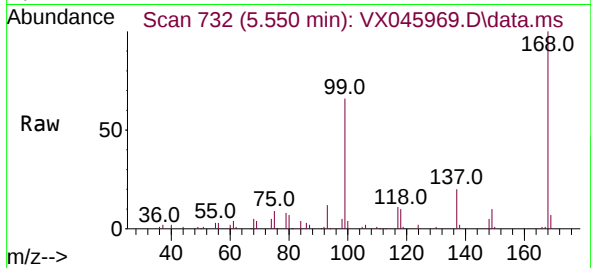




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

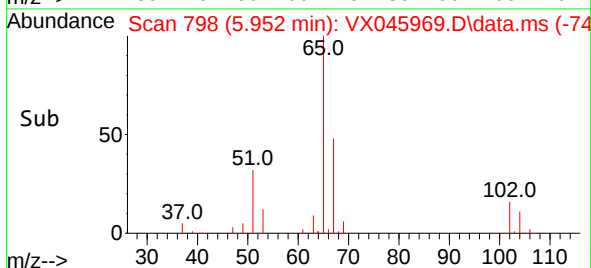
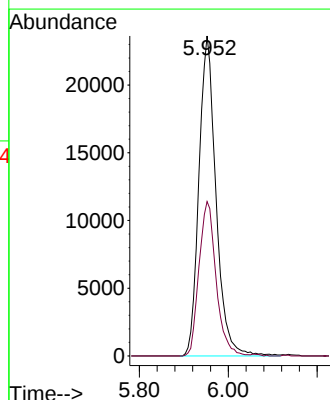
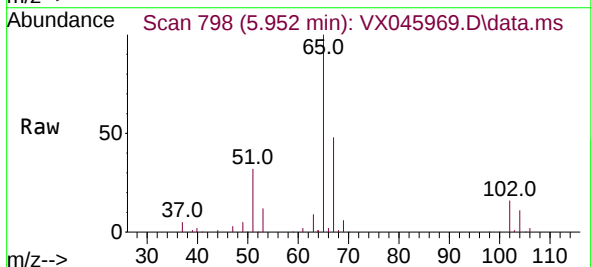
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

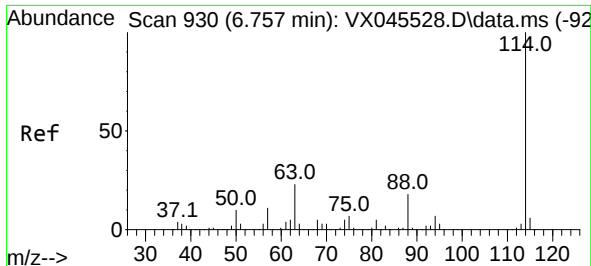
Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
69 138.8 23.6 35.4#
84 122.1 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 56.116 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 65 Resp: 63098
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

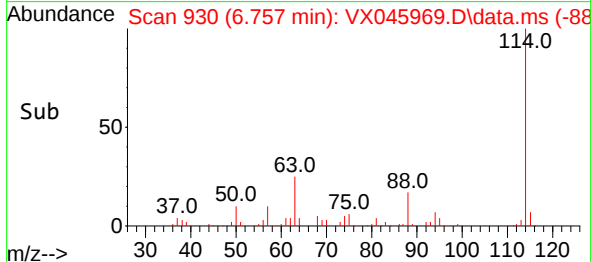
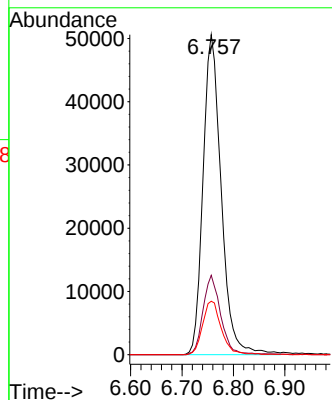
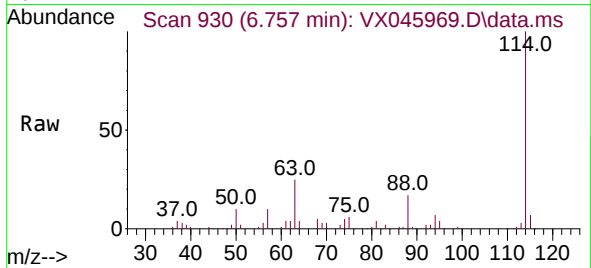




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

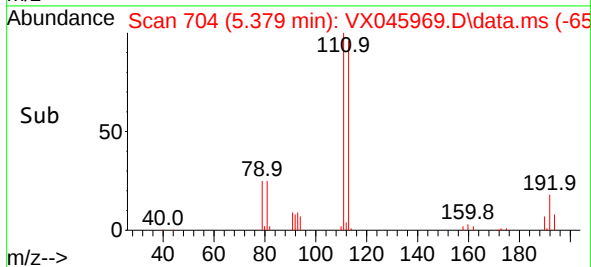
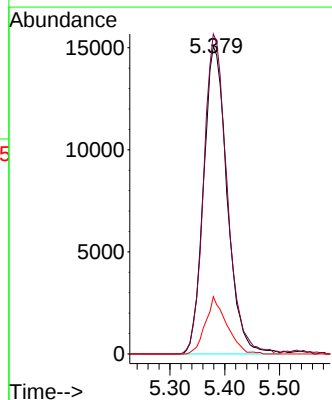
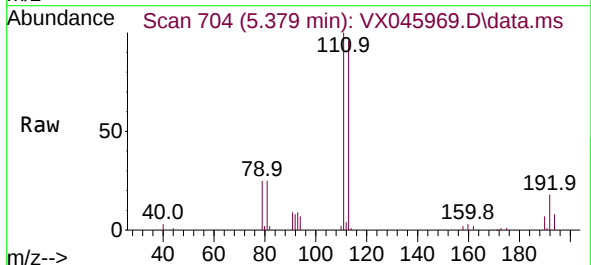
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

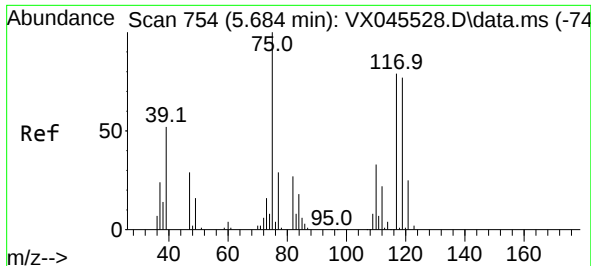
Tgt Ion:114 Resp: 124260
Ion Ratio Lower Upper
114 100
63 24.8 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion:113 Resp: 45104
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045969.D

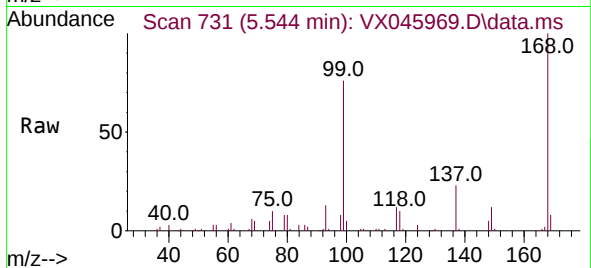
Acq: 28 Apr 2025 20:05

Instrument :

MSVOA_X

ClientSampleId :

295-BERGEN-FRAC



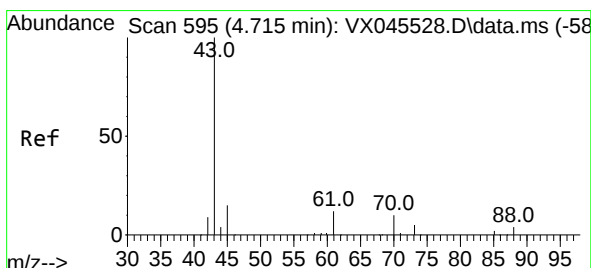
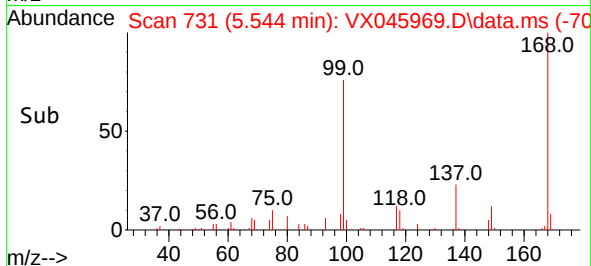
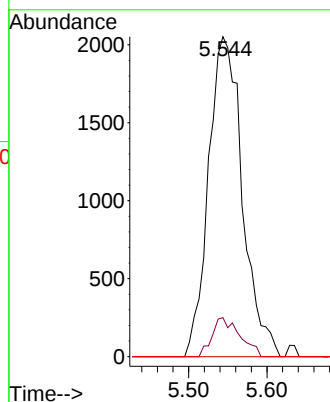
Tgt Ion: 75 Resp: 6149

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.6#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 6.793 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

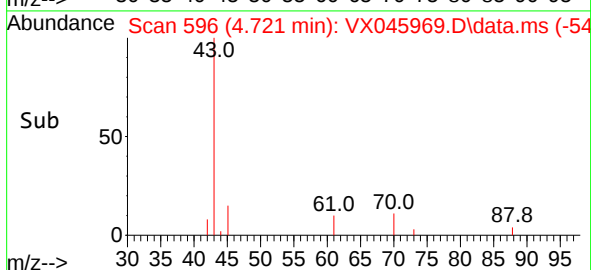
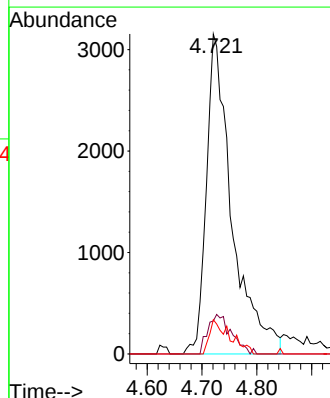
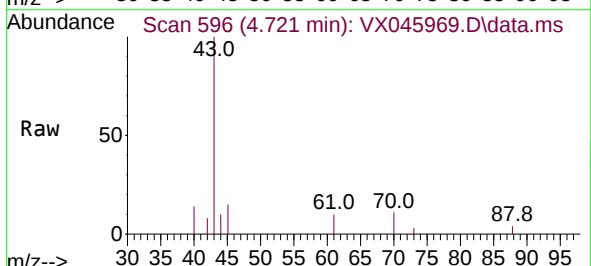
Tgt Ion: 43 Resp: 10190

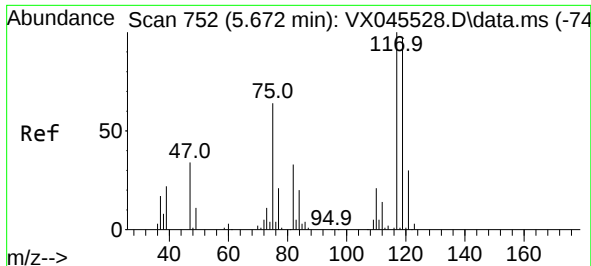
Ion Ratio Lower Upper

43 100

61 11.3 9.9 14.9

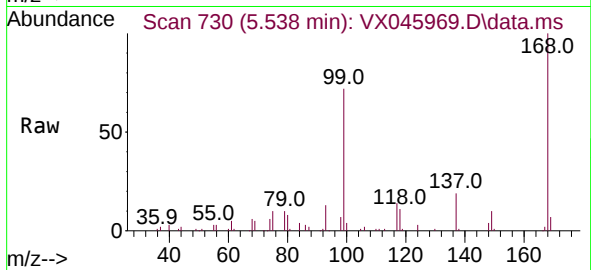
70 8.5 7.5 11.3



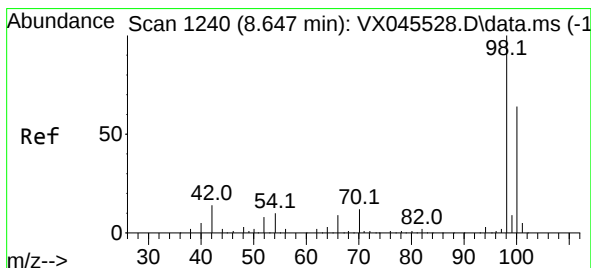
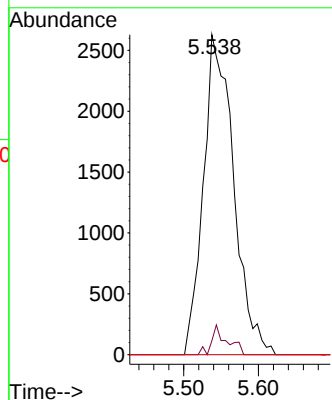
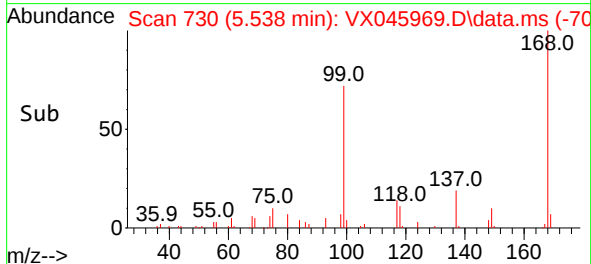


#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

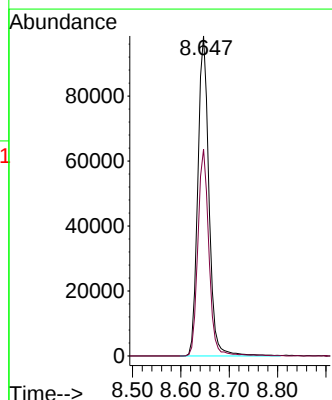
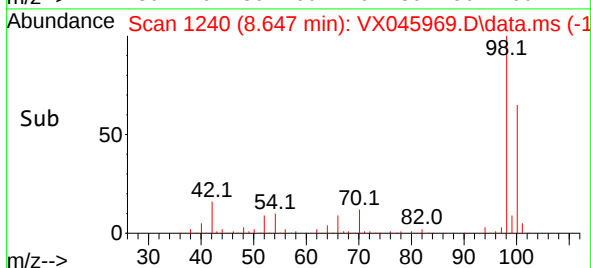
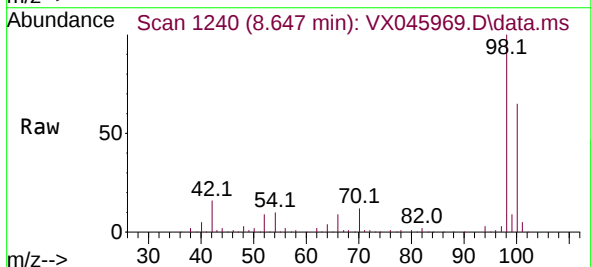


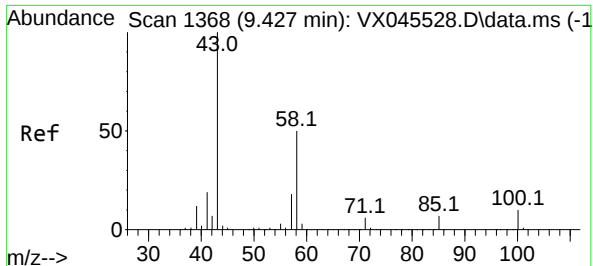
Tgt Ion:117 Resp: 7395
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.971 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 98 Resp: 156849
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4

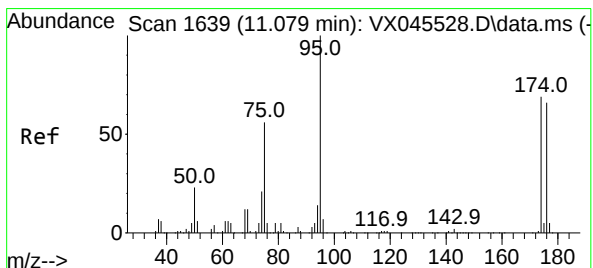
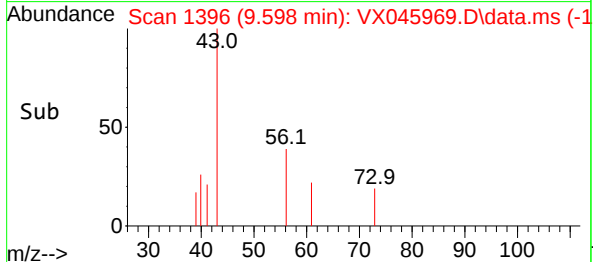
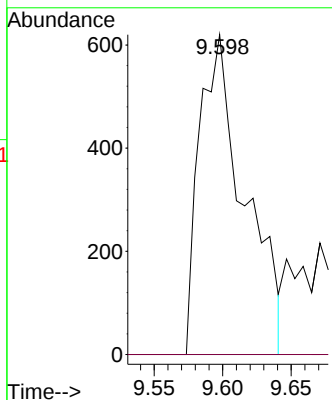
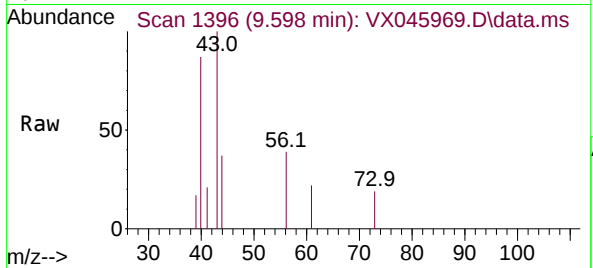




#59
2-Hexanone
Concen: 1.274 ug/l
RT: 9.598 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

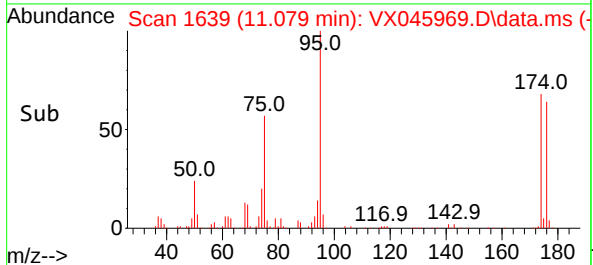
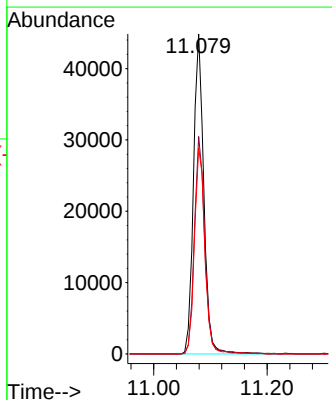
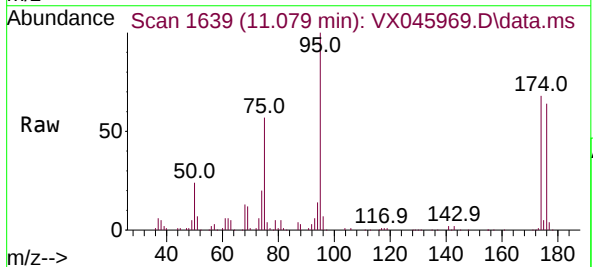
Instrument :
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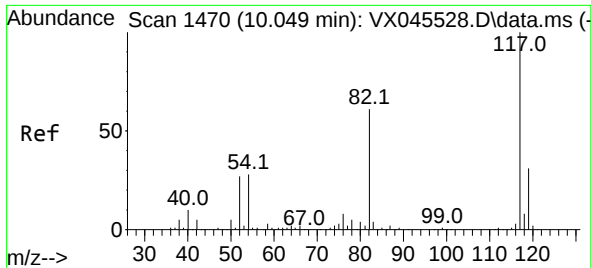
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 50.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 95 Resp: 56938
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.2 0.0 131.4

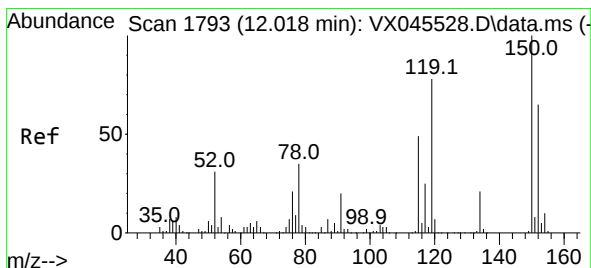
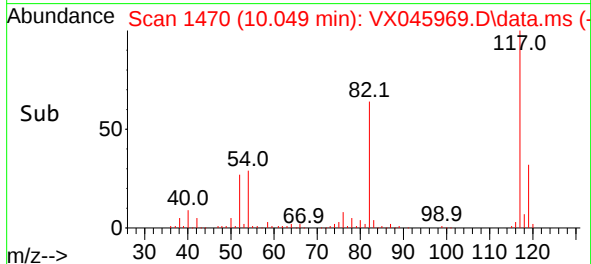
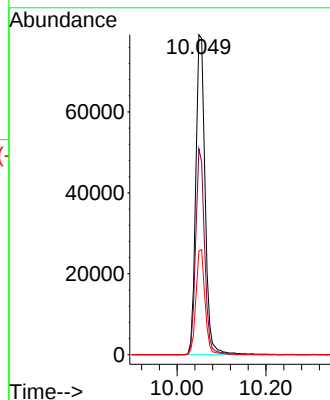
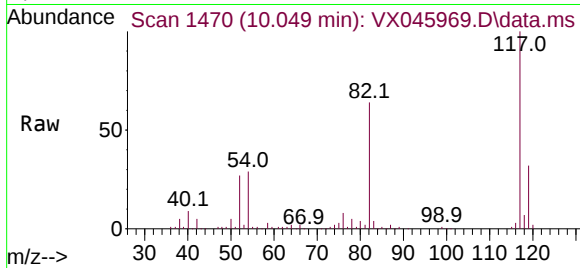




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

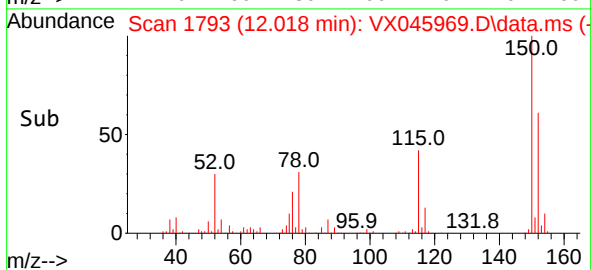
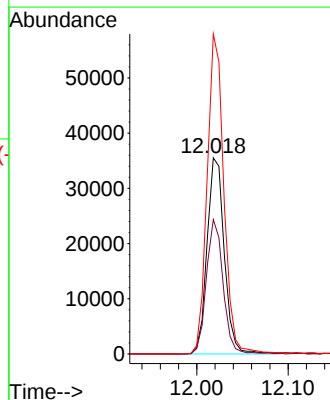
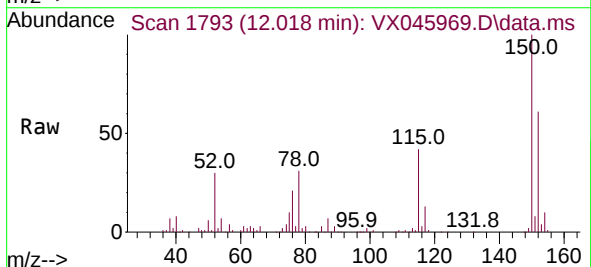
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

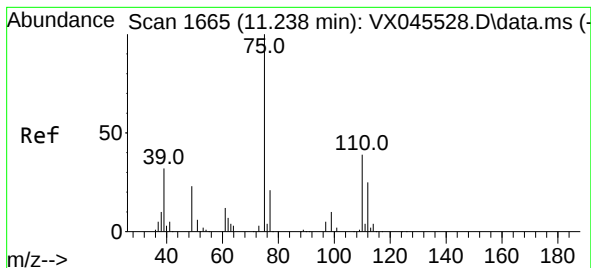
Tgt Ion:117 Resp: 115043
Ion Ratio Lower Upper
117 100
82 64.3 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion:152 Resp: 46569
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 157.7 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 29.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Instrument :

MSVOA_X

ClientSampleId :

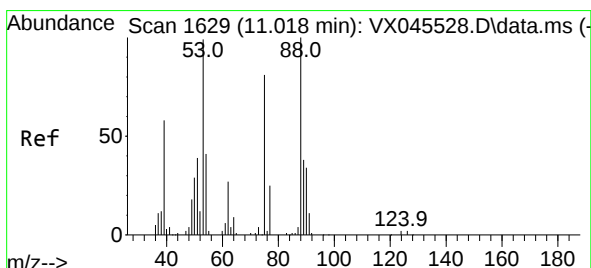
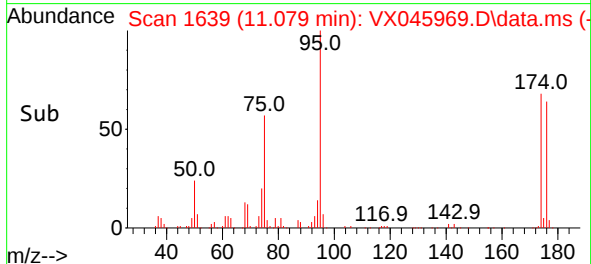
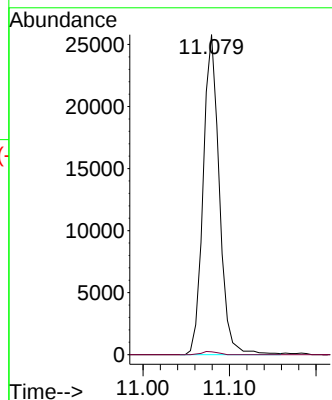
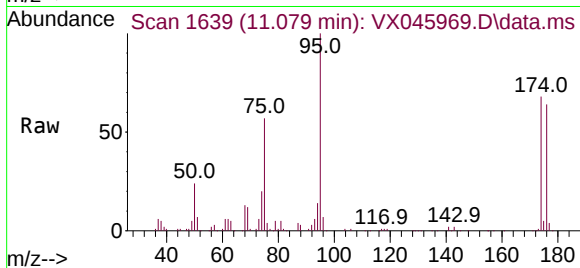
295-BERGEN-FRAC

Tgt Ion: 75 Resp: 33359

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.669 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Tgt Ion: 75 Resp: 33359

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

