

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X060425\
 Data File : VX046501.D
 Acq On : 04 Jun 2025 15:26
 Operator : JC/MD
 Sample : Q2175-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

Quant Time: Jun 05 01:57:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64019	51.105	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.220%	
35) Dibromofluoromethane	5.385	113	48051	50.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	163467	49.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	11.079	95	65756	52.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.060%	

Target Compounds				Qvalue		
5) Bromomethane	1.593	94	124	0.288	ug/l #	4
11) Tert butyl alcohol	2.965	59	124	0.705	ug/l #	72
13) Acrolein	2.379	56	1116	5.573	ug/l #	1
14) Allyl chloride	2.550	41	104030	68.318	ug/l #	72
16) Acetone	2.386	43	4965320	9885.733	ug/l	97
18) Methyl Acetate	2.550	43	285879	245.278	ug/l #	55
25) 2-Butanone	4.501	43	169	0.232	ug/l #	53
31) Cyclohexane	5.543	56	1975	1.323	ug/l #	45
36) 1,1-Dichloropropene	5.543	75	6546	5.118	ug/l #	52
38) Carbon Tetrachloride	5.543	117	8058	5.607	ug/l #	15
44) Trichloroethene	7.129	130	685	0.760	ug/l	73
51) 4-Methyl-2-Pentanone	8.586	43	409	0.256	ug/l #	39
52) Toluene	8.720	92	21465	9.344	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	320	0.249	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	4437	4.898	ug/l #	20
56) Ethyl methacrylate	9.098	69	1048	0.726	ug/l #	1
59) 2-Hexanone	9.384	43	21822	18.432	ug/l #	32
65) Chlorobenzene	10.006	112	967	0.360	ug/l #	43
67) Ethyl Benzene	10.195	91	98596	20.803	ug/l	100
68) m/p-Xylenes	10.299	106	145335	83.843	ug/l	98
69) o-Xylene	10.640	106	134167	79.392	ug/l	98
70) Styrene	10.640	104	6839	2.470	ug/l #	1
73) Isopropylbenzene	10.963	105	135363	35.873	ug/l	99
74) N-amyl acetate	10.853	43	70159	37.627	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	10596	8.013	ug/l #	26
76) 1,2,3-Trichloropropane	11.305	75	4511	3.867	ug/l #	1
77) Bromobenzene	11.262	156	187	0.213	ug/l #	1
78) n-propylbenzene	11.305	91	607768	138.524	ug/l	100
79) 2-Chlorotoluene	11.378	91	269831	95.349	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	563625	178.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.963	75	2052	5.726	ug/l #	40
82) 4-Chlorotoluene	11.451	91	68519	21.833	ug/l #	48
83) tert-Butylbenzene	11.750	119	190327	59.939	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.750	105	1629169	510.332	ug/l	99
85) sec-Butylbenzene	11.890	105	133443	34.227	ug/l	87
86) p-Isopropyltoluene	12.006	119	56916	17.686	ug/l	98

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ALS Vial : 15 Sample Multiplier: 1

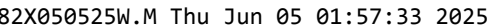
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

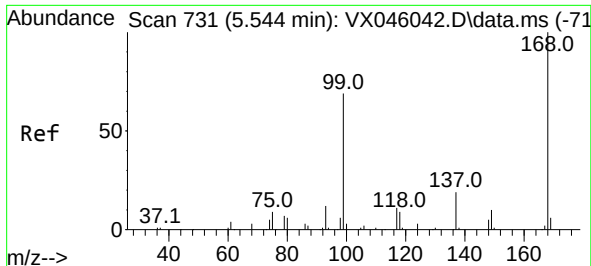
Quant Time: Jun 05 01:57:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.329	91	123510	43.753	ug/l #	52
90) Hexachloroethane	12.530	117	13028	22.978	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.957	75	640	2.185	ug/l #	23
95) Naphthalene	13.774	128	9312	2.755	ug/l #	92

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

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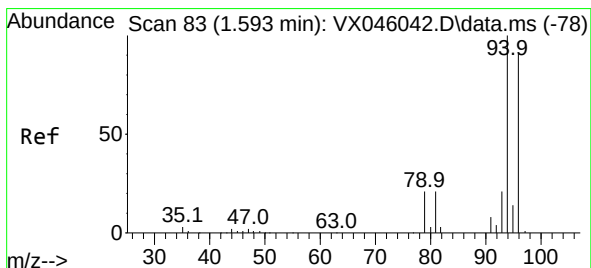
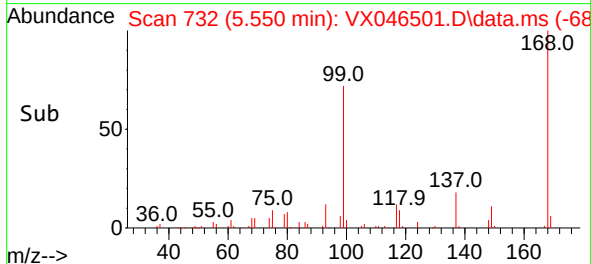
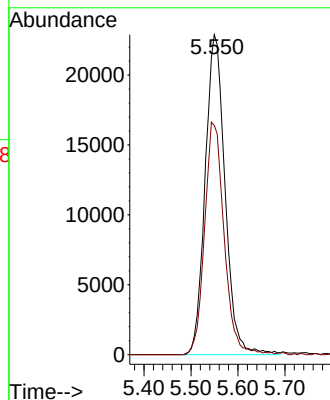
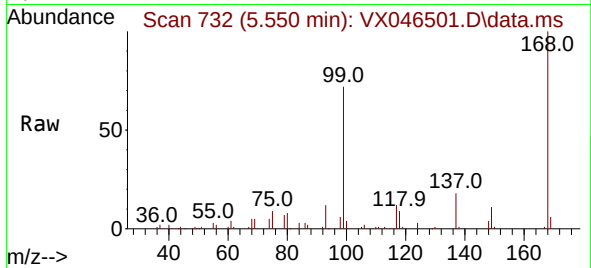




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

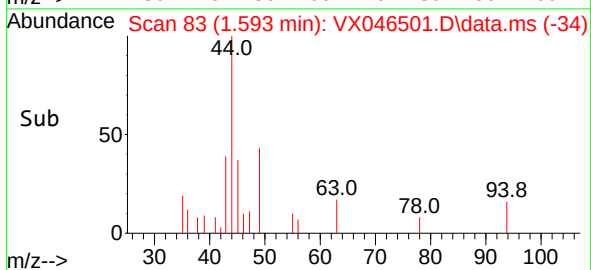
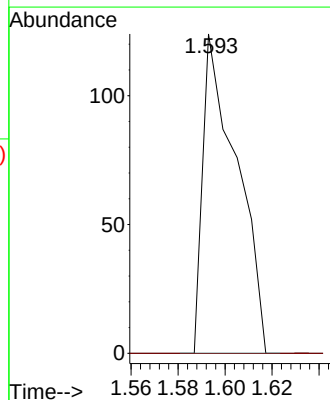
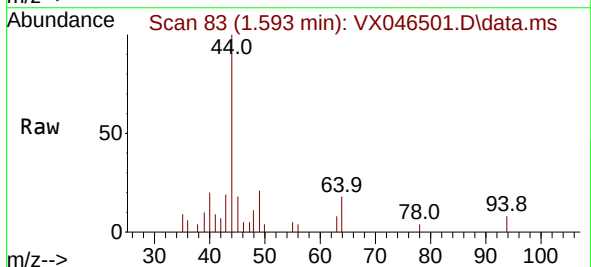
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

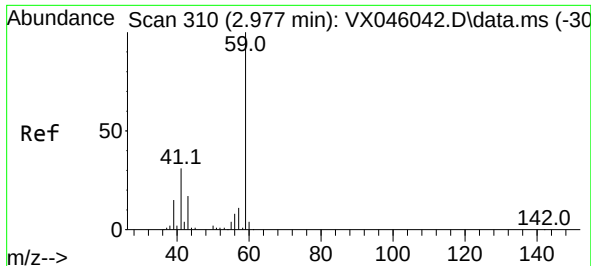
Tgt Ion:168 Resp: 67193
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3



#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#





#11

Tert butyl alcohol

Concen: 0.705 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

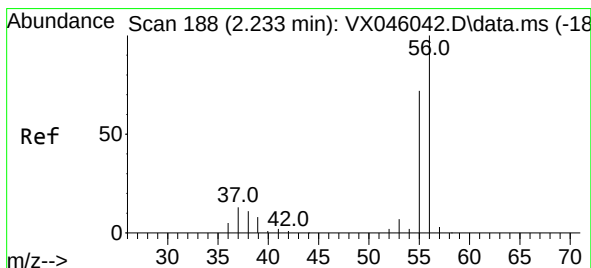
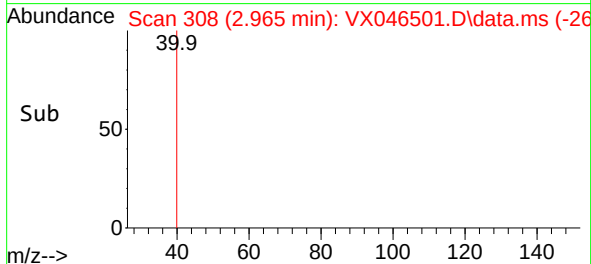
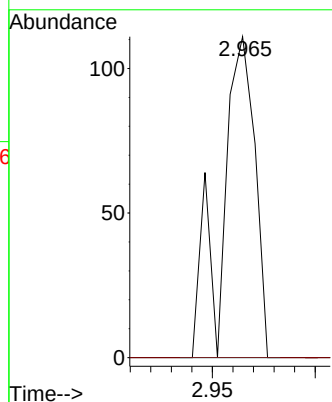
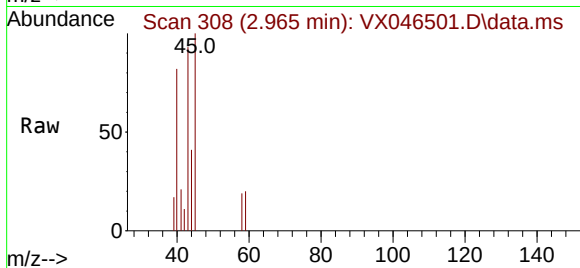
EGR-LIQUID

Tgt Ion: 59 Resp: 124

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 5.573 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.146 min

Lab File: VX046501.D

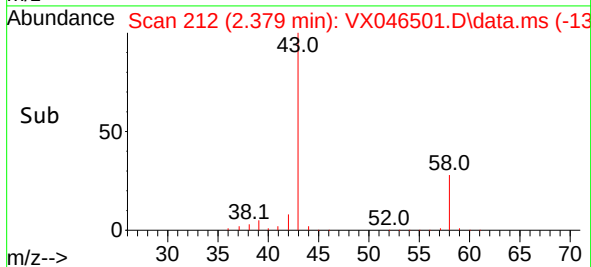
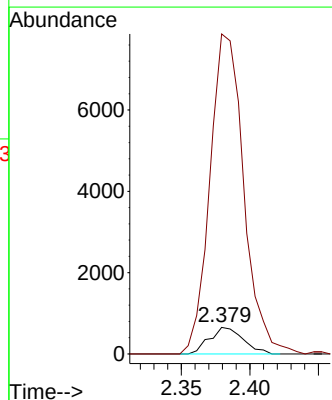
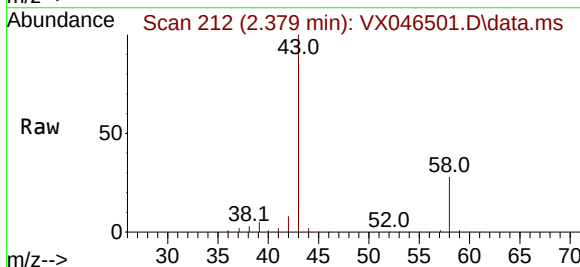
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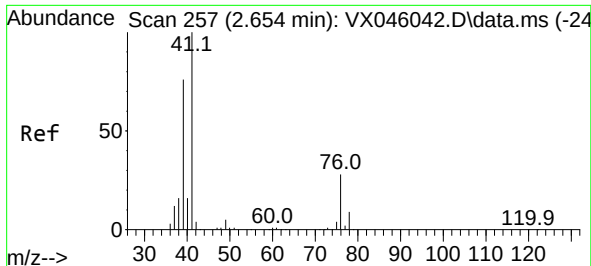
Tgt Ion: 56 Resp: 1116

Ion Ratio Lower Upper

56 100

55 1212.2 56.2 84.4#

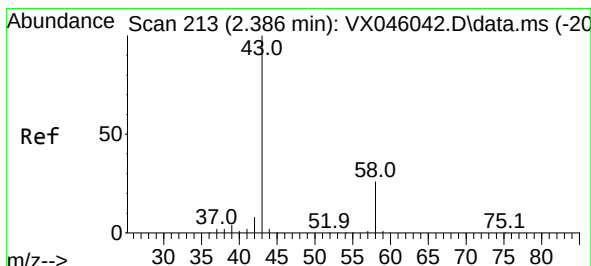
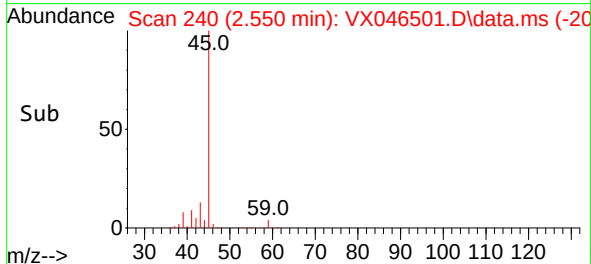
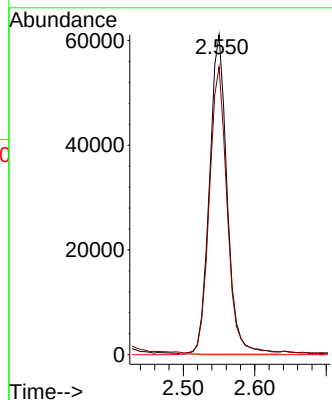
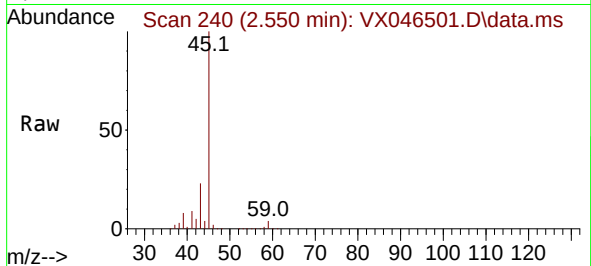




#14
 Allyl chloride
 Concen: 68.318 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.104 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

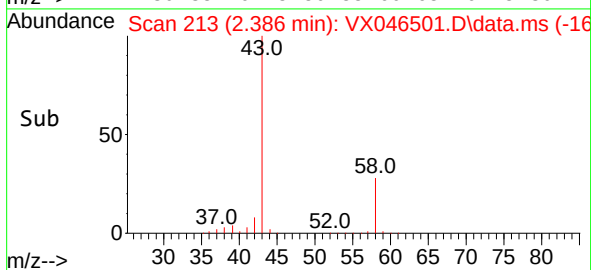
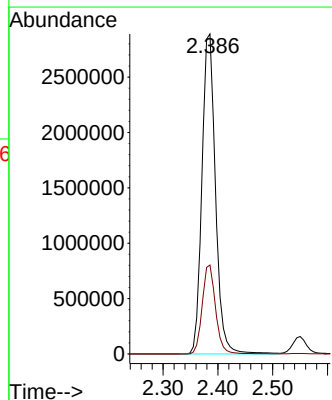
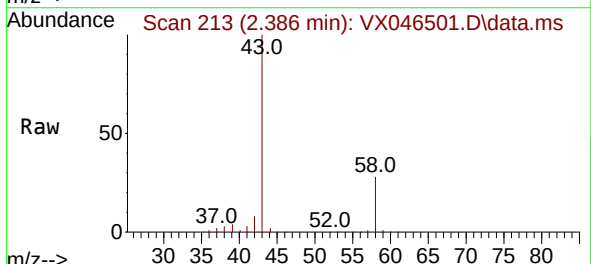
Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

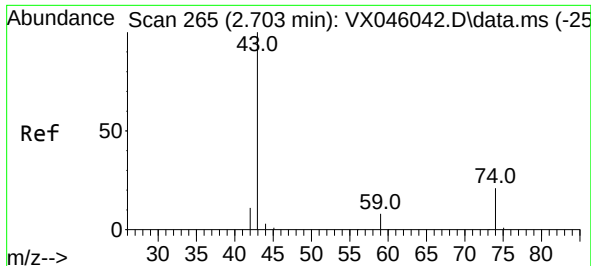
Tgt Ion: 41 Resp: 104030
 Ion Ratio Lower Upper
 41 100
 39 89.7 60.6 90.8
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 9885.733 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

Tgt Ion: 43 Resp: 4965320
 Ion Ratio Lower Upper
 43 100
 58 27.8 21.2 31.8

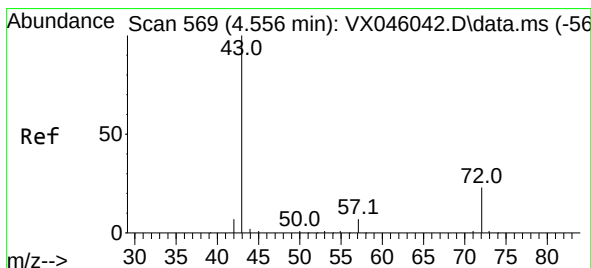
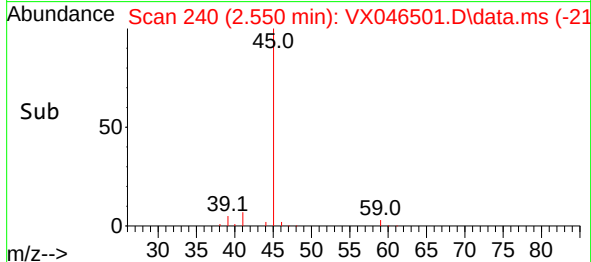
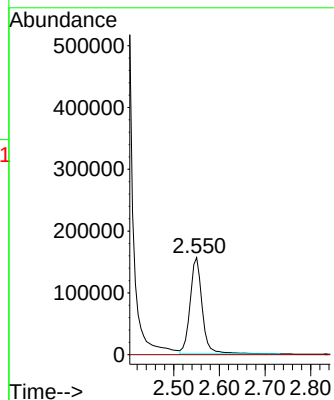
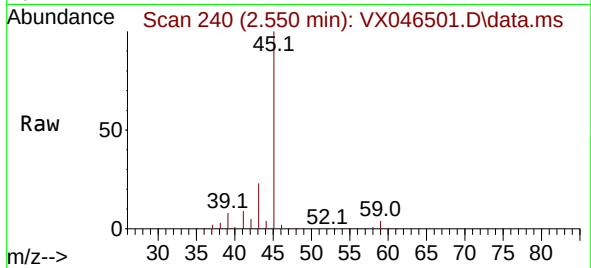




#18
Methyl Acetate
Concen: 245.278 ug/l
RT: 2.550 min Scan# 24
Delta R.T. -0.153 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

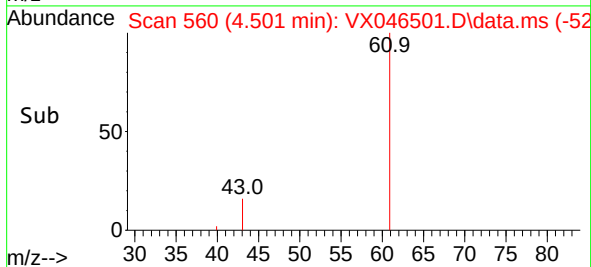
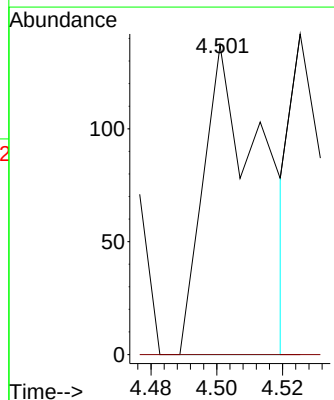
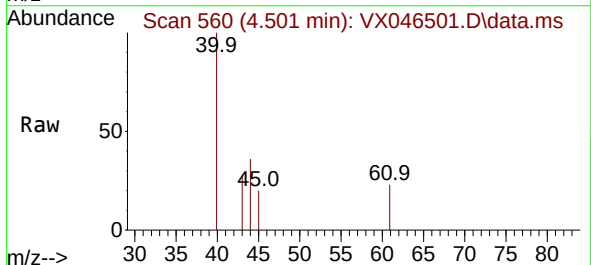
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

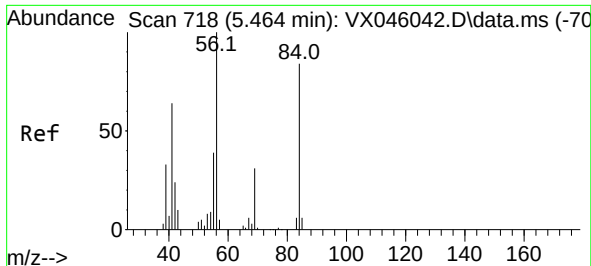
Tgt Ion: 43 Resp: 285879
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 0.232 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.055 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#

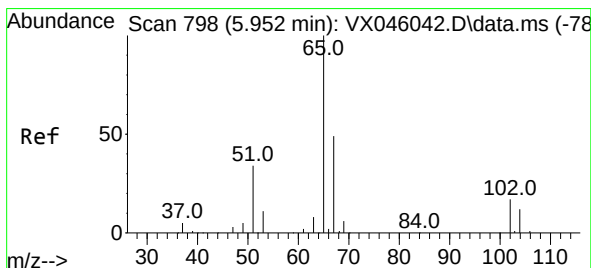
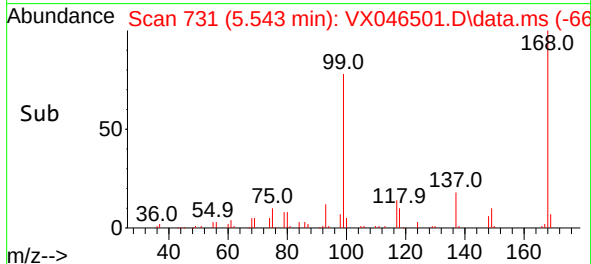
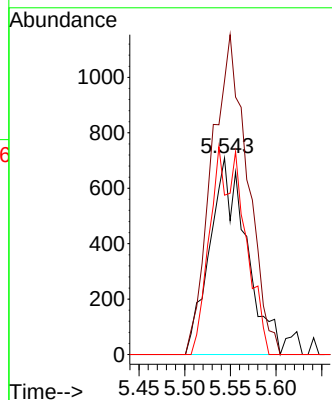
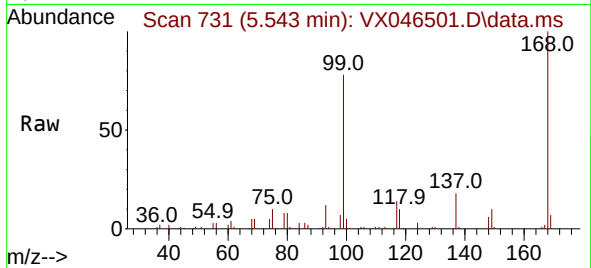




#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

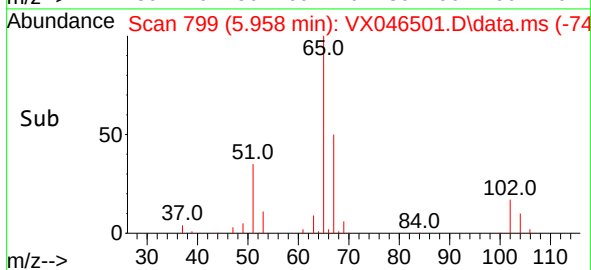
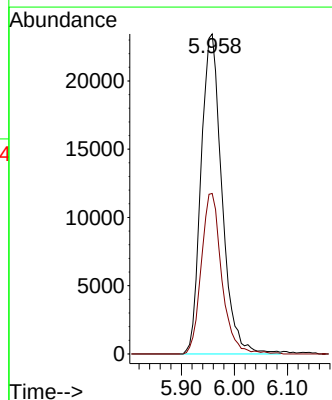
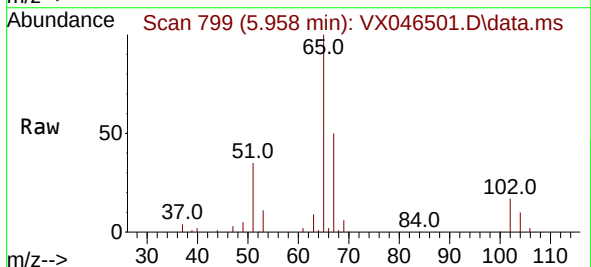
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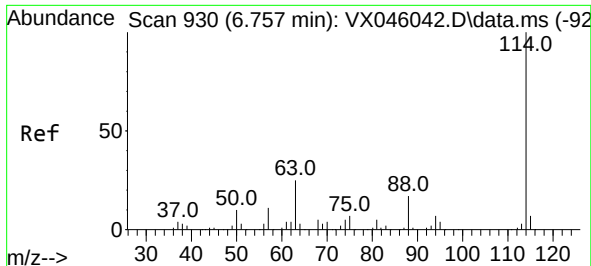
Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
69 139.2 24.4 36.6#
84 81.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.105 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 65 Resp: 64019
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

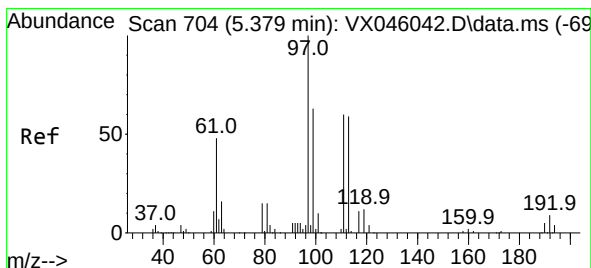
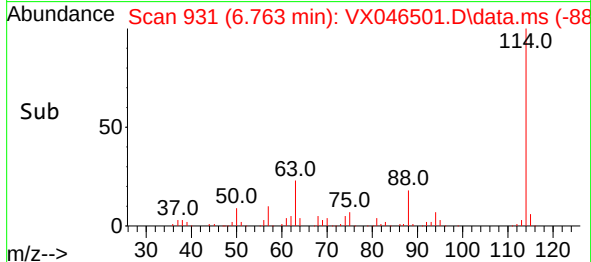
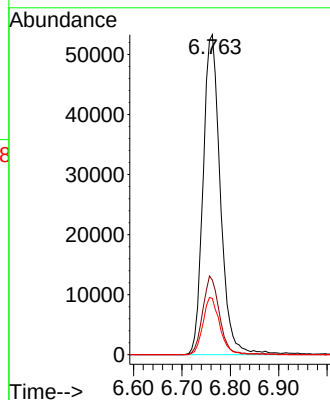
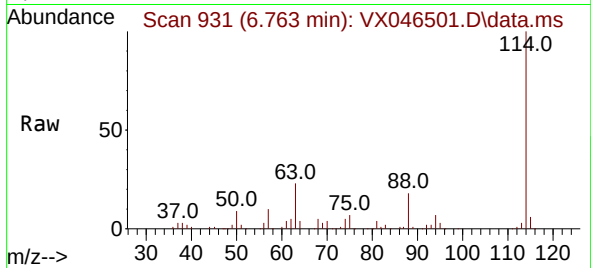




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

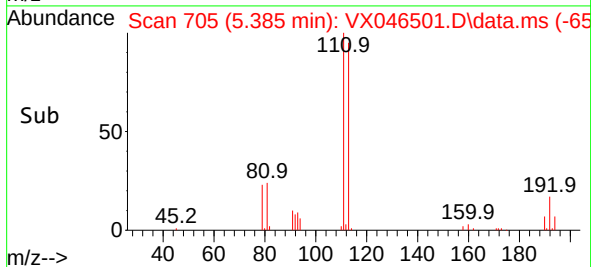
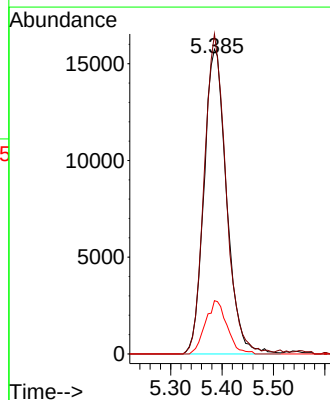
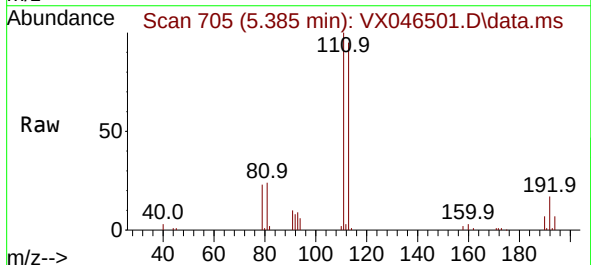
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

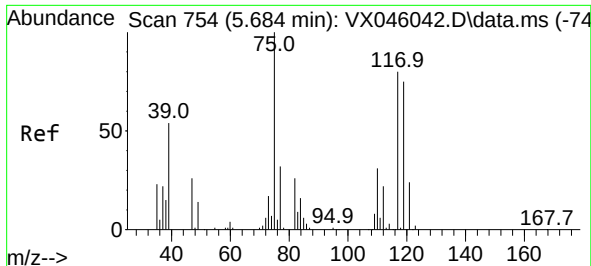
Tgt Ion:114 Resp: 132195
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.477 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion:113 Resp: 48051
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.8 13.3 19.9

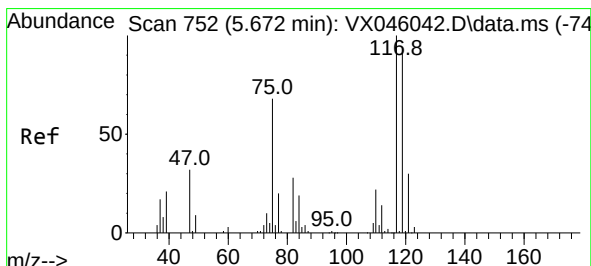
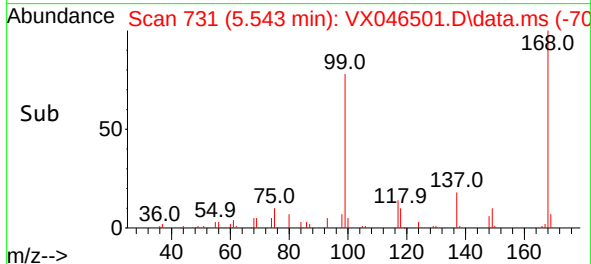
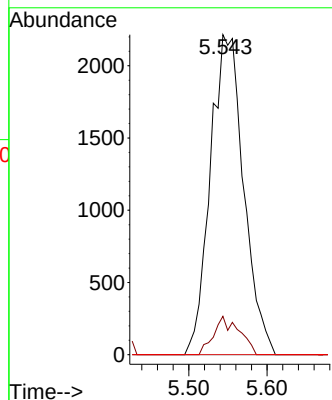
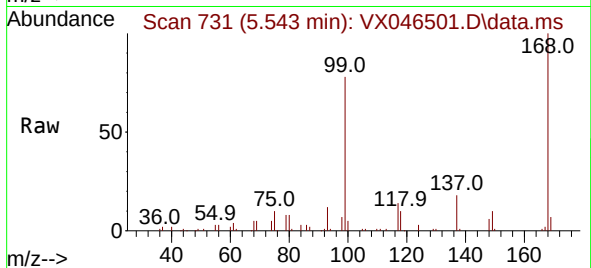




#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

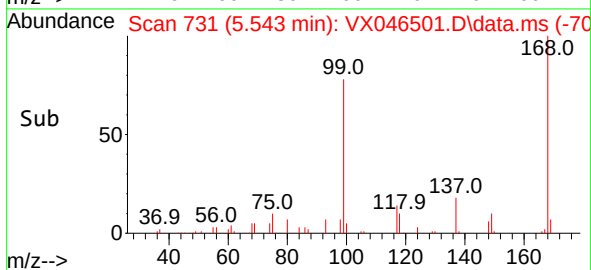
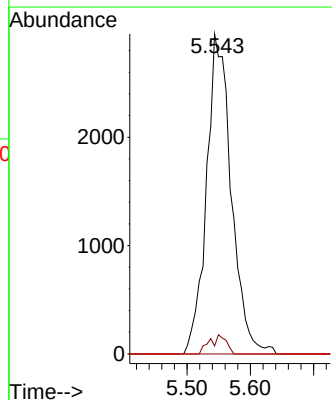
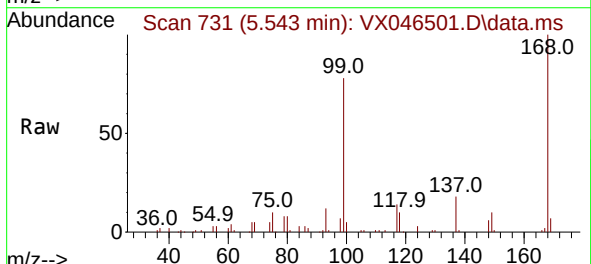
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

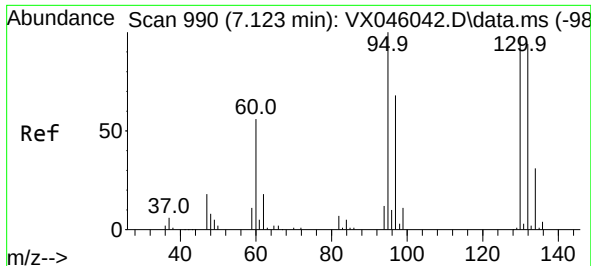
Tgt Ion: 75 Resp: 6546
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 117 Resp: 8058
Ion Ratio Lower Upper
117 100
119 2.5 75.2 112.8#
121 0.0 24.2 36.4#

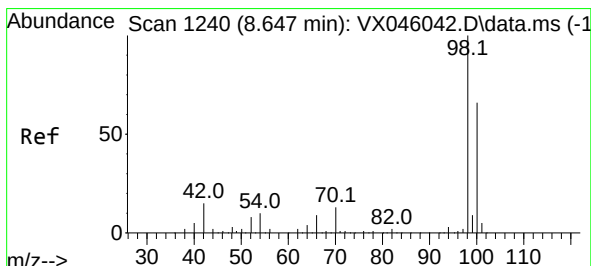
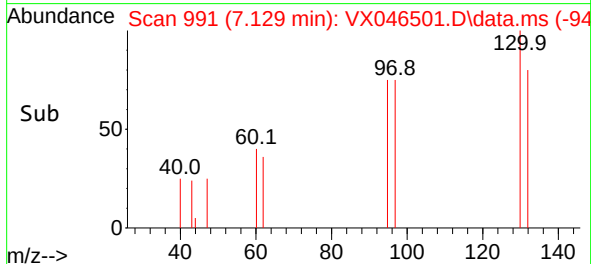
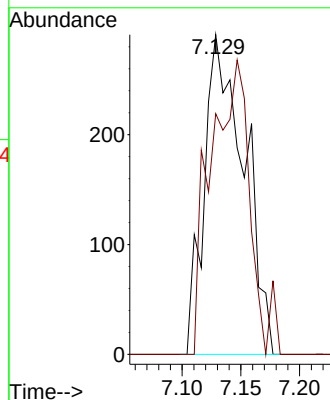
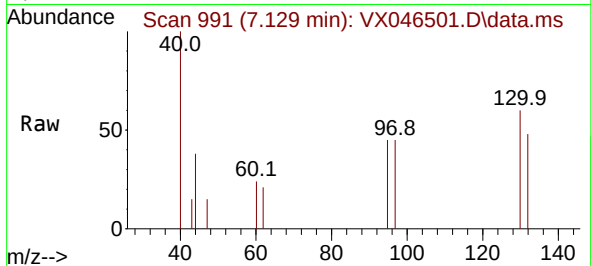




#44
 Trichloroethene
 Concen: 0.760 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

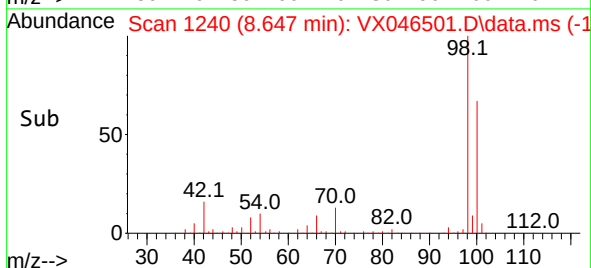
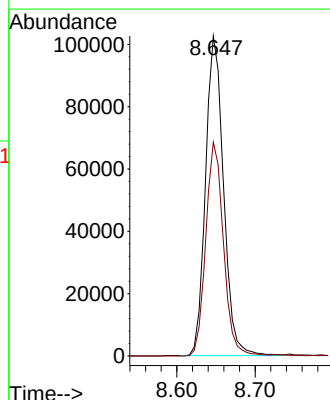
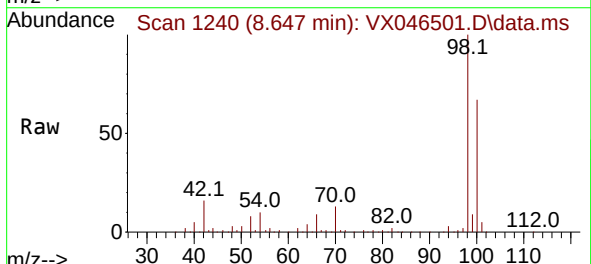
Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

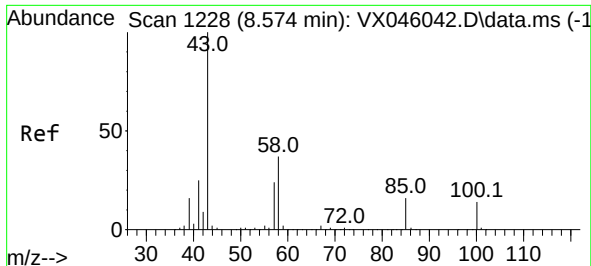
Tgt Ion:130 Resp: 685
 Ion Ratio Lower Upper
 130 100
 95 75.3 0.0 204.2



#50
 Toluene-d8
 Concen: 49.614 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

Tgt Ion: 98 Resp: 163467
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.5 80.3

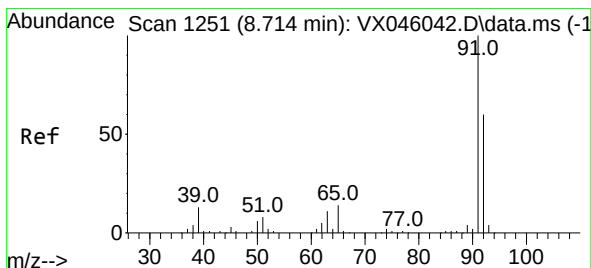
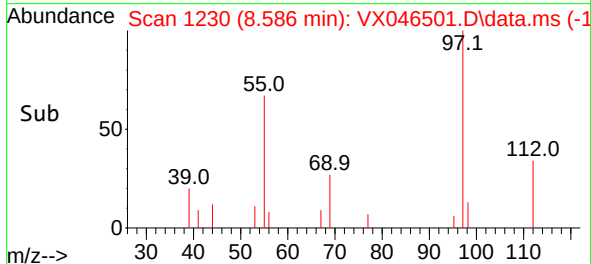
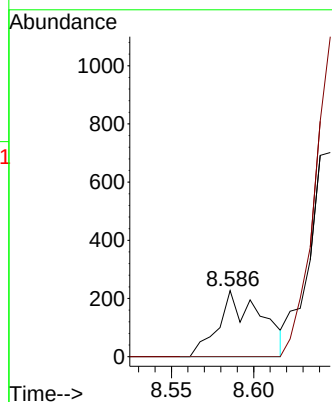
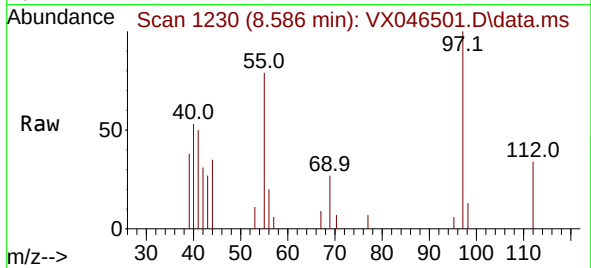




#51
4-Methyl-2-Pentanone
Concen: 0.256 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

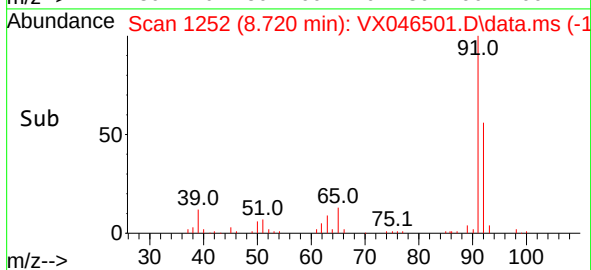
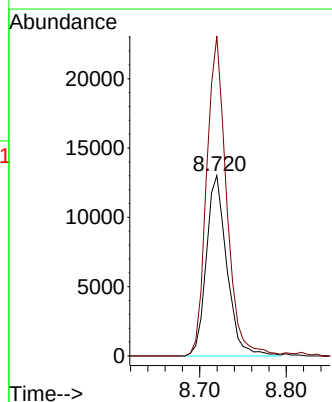
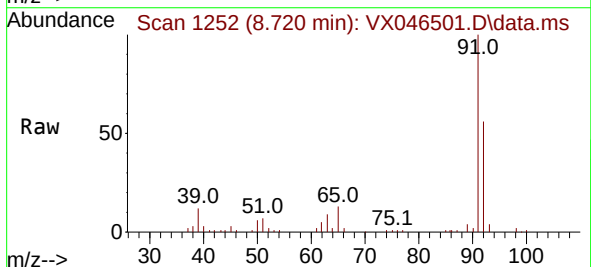
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

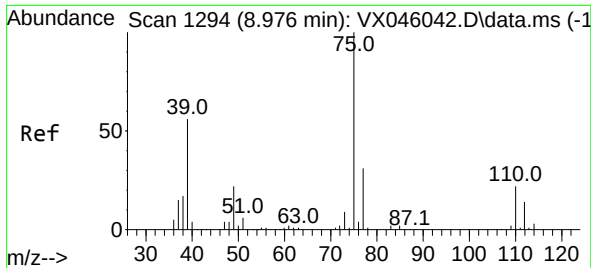
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3#



#52
Toluene
Concen: 9.344 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 92 Resp: 21465
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0

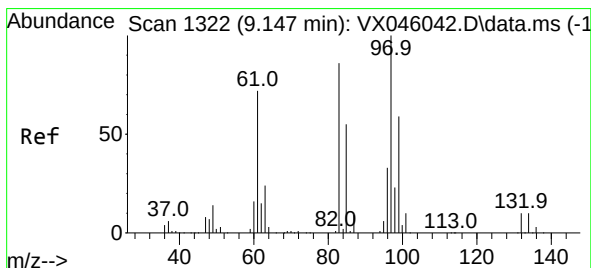
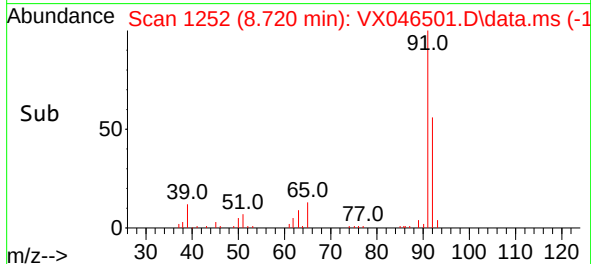
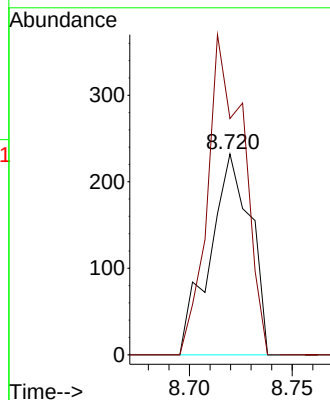
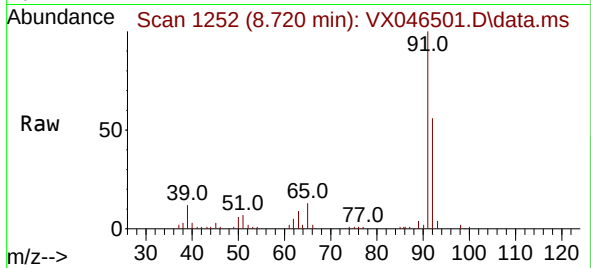




#53
t-1,3-Dichloropropene
Concen: 0.249 ug/l
RT: 8.720 min Scan# 111
Delta R.T. -0.256 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

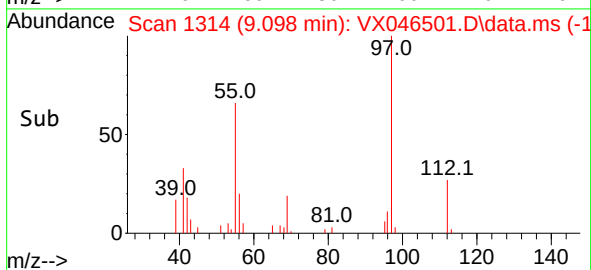
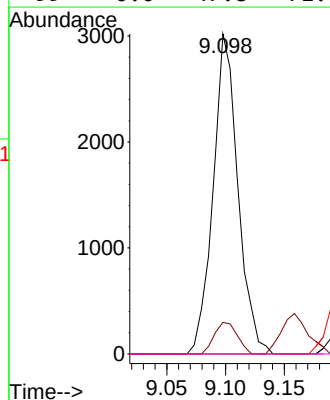
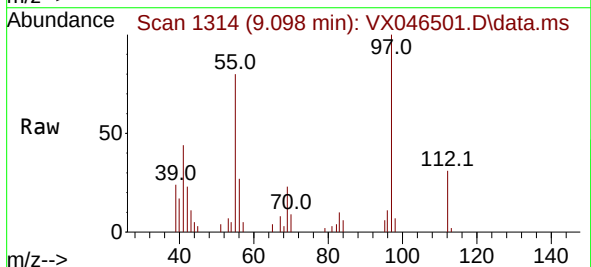
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

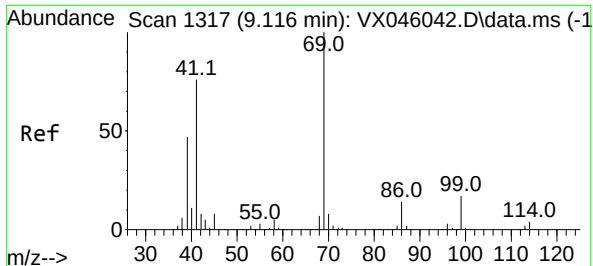
Tgt Ion: 75 Resp: 320
Ion Ratio Lower Upper
75 100
77 117.7 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 4.898 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 97 Resp: 4437
Ion Ratio Lower Upper
97 100
83 9.8 69.0 103.6#
85 0.0 44.3 66.5#
99 0.0 47.8 71.6#

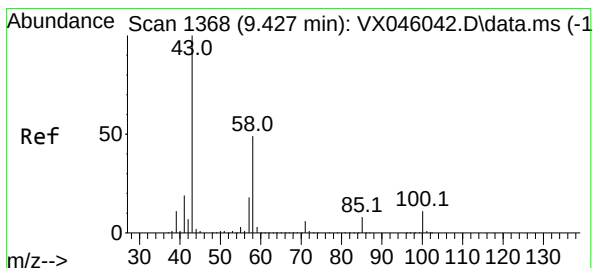
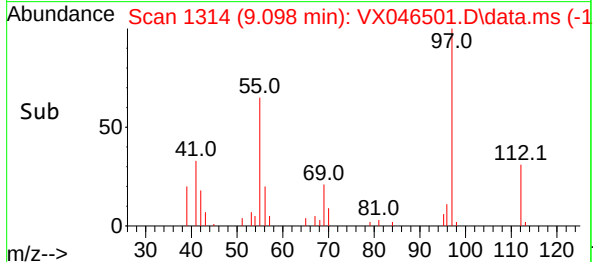
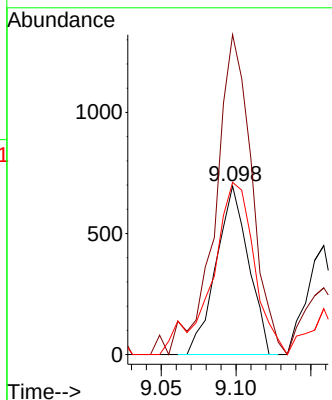
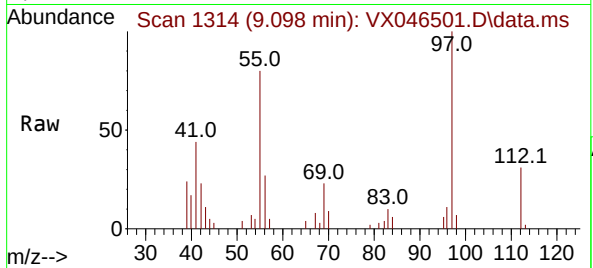




#56
Ethyl methacrylate
Concen: 0.726 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

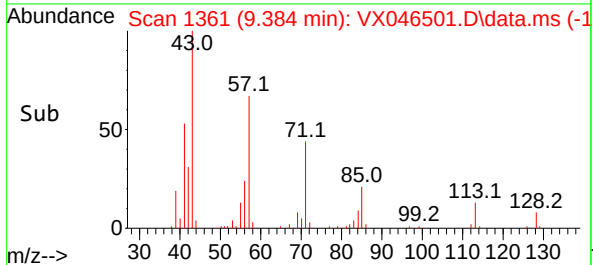
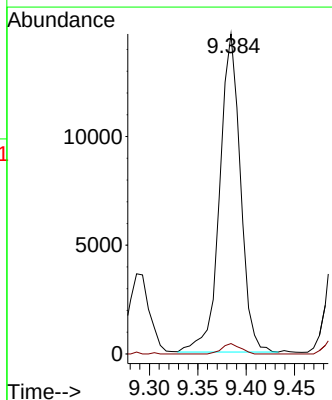
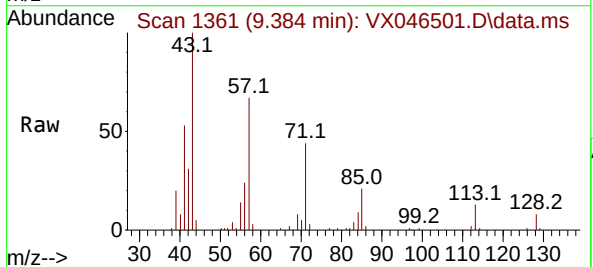
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

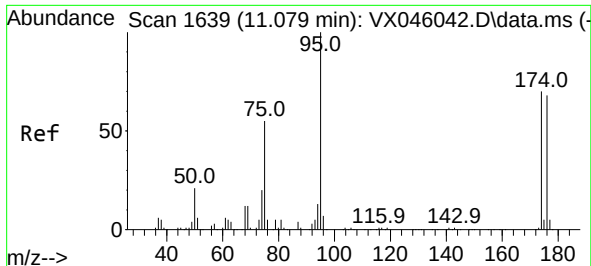
Tgt Ion: 69 Resp: 1048
Ion Ratio Lower Upper
69 100
41 216.0 60.8 91.2#
39 133.8 39.0 58.6#



#59
2-Hexanone
Concen: 18.432 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 43 Resp: 21822
Ion Ratio Lower Upper
43 100
58 2.9 24.9 74.6#

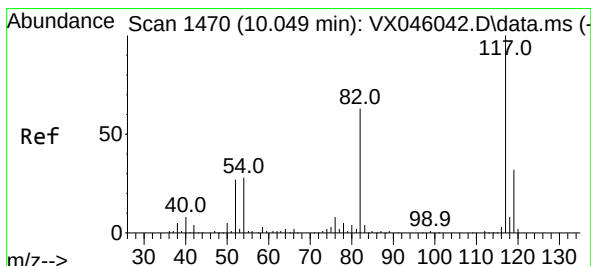
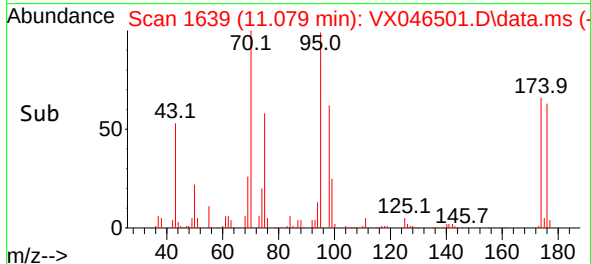
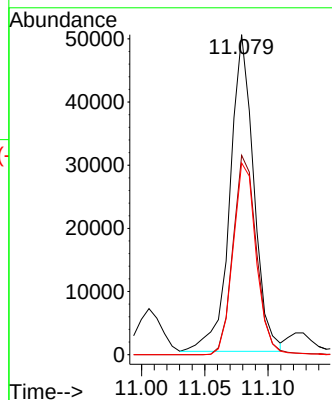
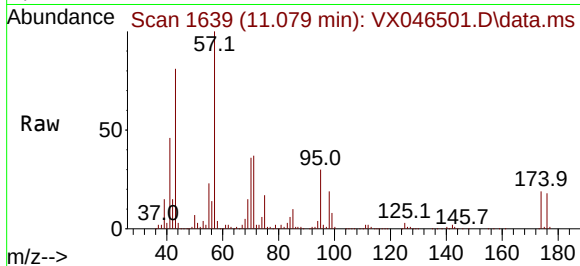




#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

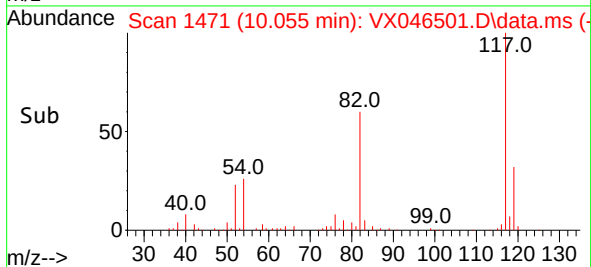
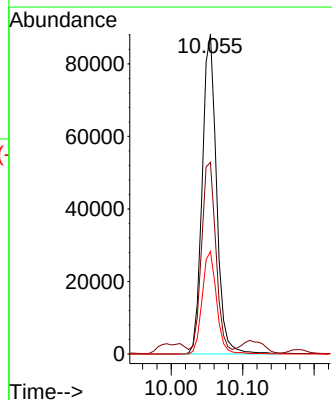
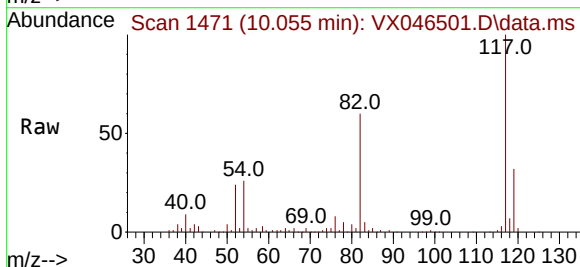
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

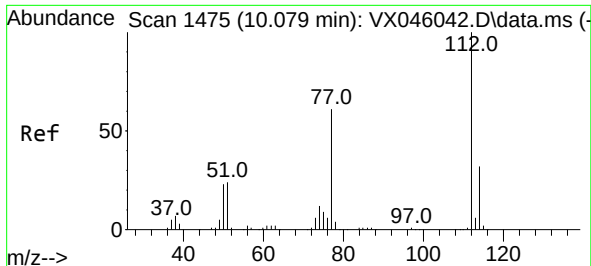
Tgt Ion: 95 Resp: 65756
Ion Ratio Lower Upper
95 100
174 62.3 0.0 135.8
176 59.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 117 Resp: 122842
Ion Ratio Lower Upper
117 100
82 59.7 50.6 76.0
119 32.0 25.8 38.6

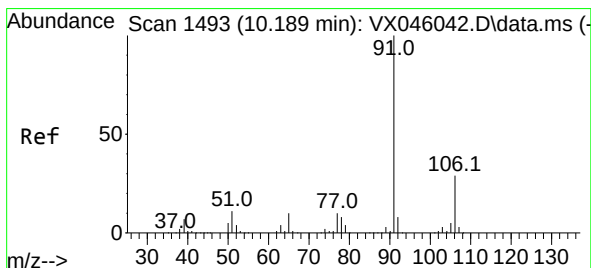
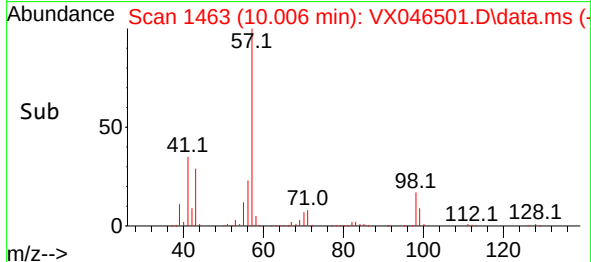
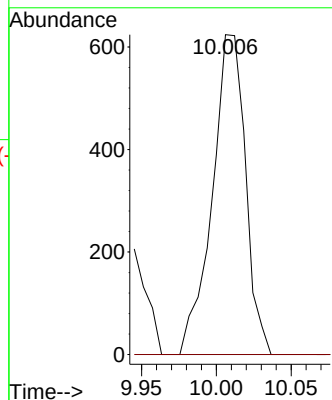
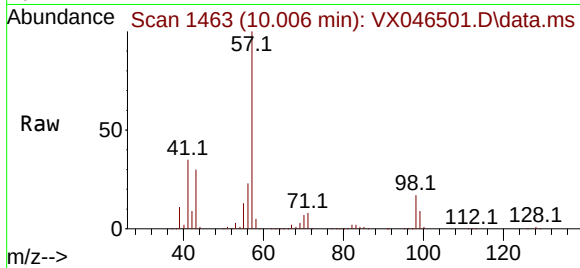




#65
Chlorobenzene
Concen: 0.360 ug/l
RT: 10.006 min Scan# 1475
Delta R.T. -0.073 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

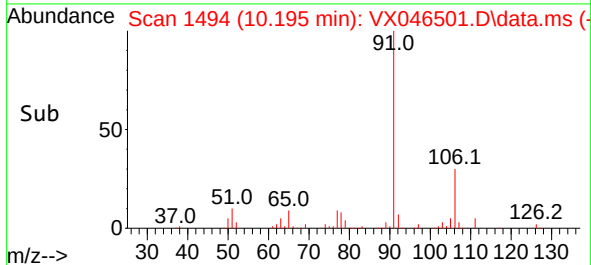
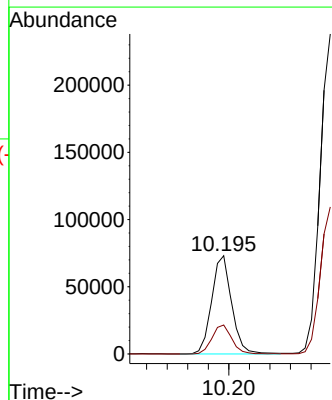
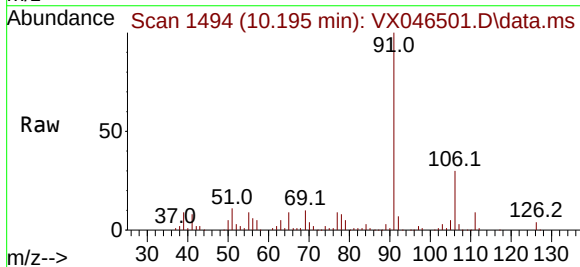
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

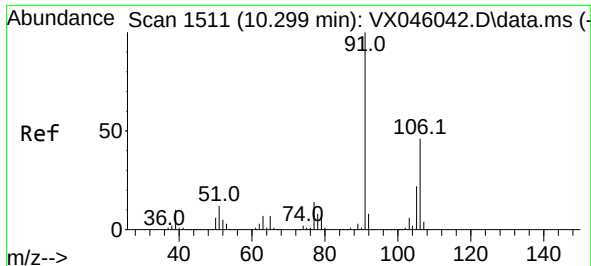
Tgt Ion:112 Resp: 967
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 20.803 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 91 Resp: 98596
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2

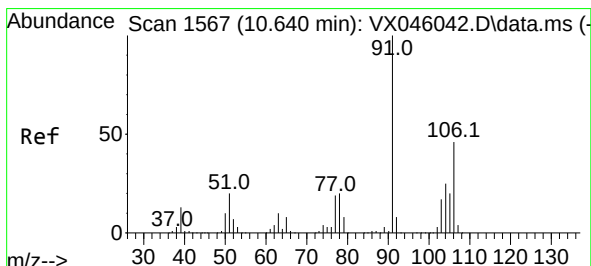
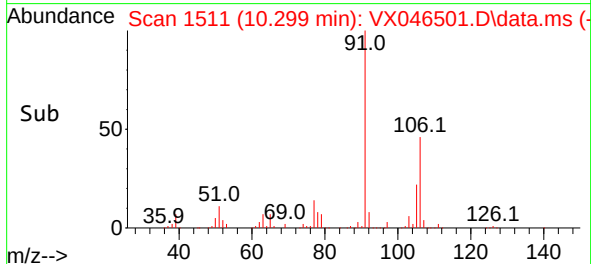
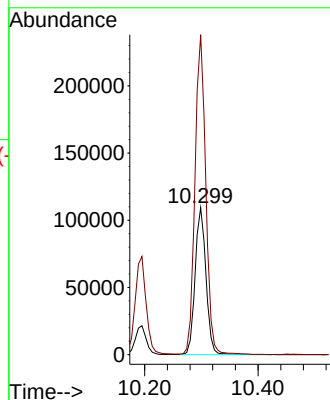
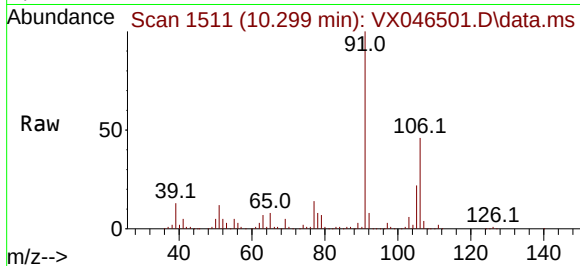




#68
m/p-Xylenes
Concen: 83.843 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

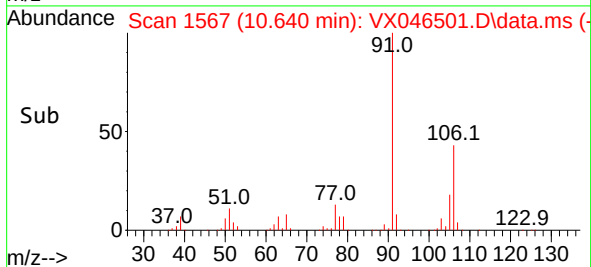
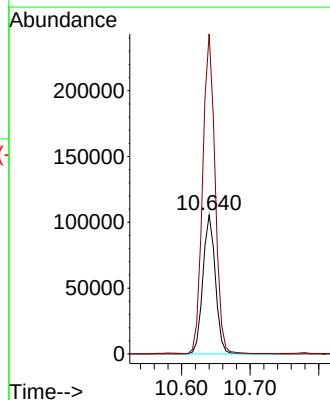
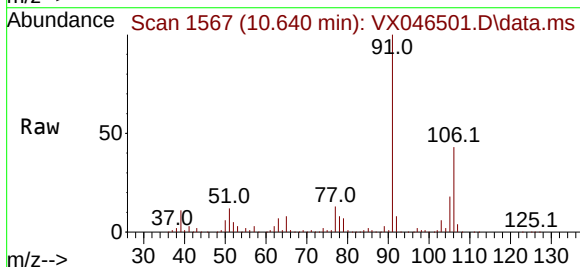
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

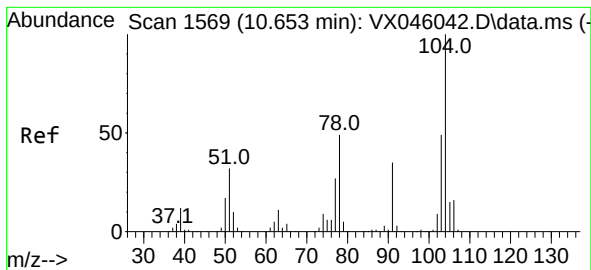
Tgt Ion:106 Resp: 145335
Ion Ratio Lower Upper
106 100
91 217.2 171.2 256.8



#69
o-Xylene
Concen: 79.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion:106 Resp: 134167
Ion Ratio Lower Upper
106 100
91 229.0 112.7 338.1





#70

Styrene

Concen: 2.470 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

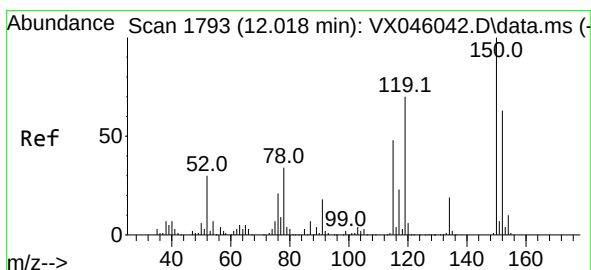
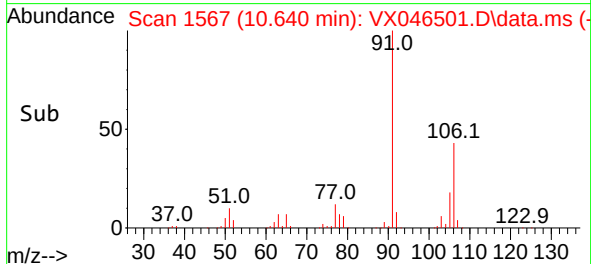
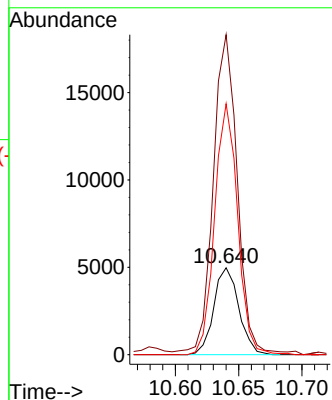
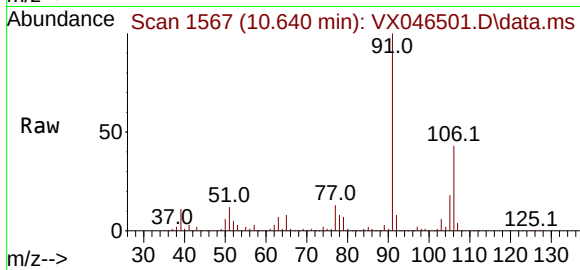
Tgt Ion:104 Resp: 6839

Ion Ratio Lower Upper

104 100

78 356.7 45.7 68.5#

103 265.5 43.7 65.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

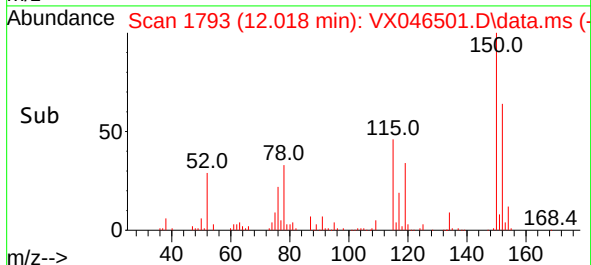
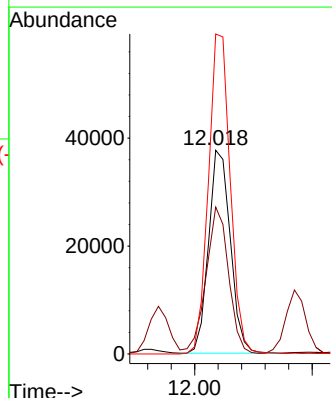
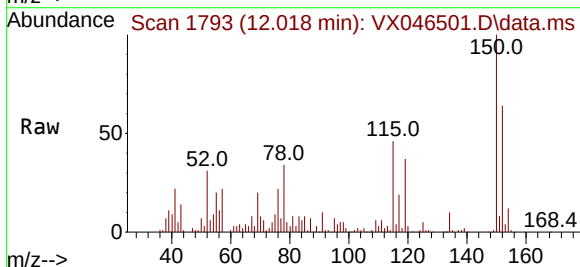
Tgt Ion:152 Resp: 48468

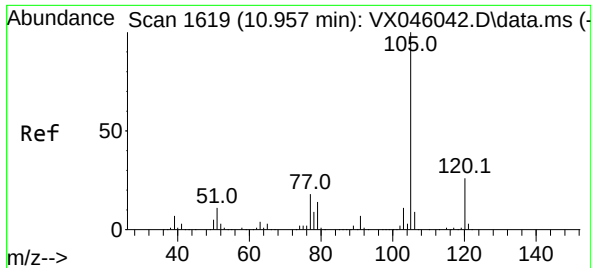
Ion Ratio Lower Upper

152 100

115 74.2 46.9 140.7

150 158.2 0.0 351.0

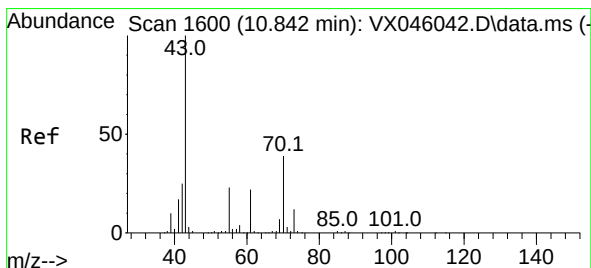
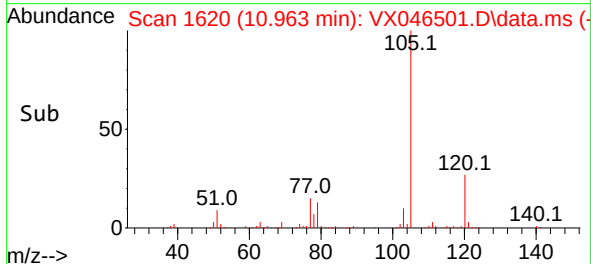
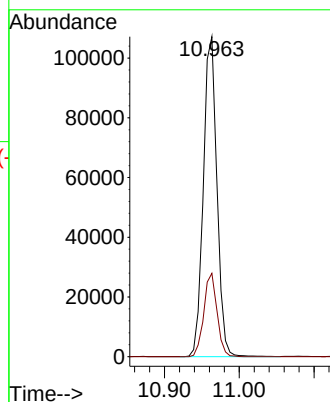
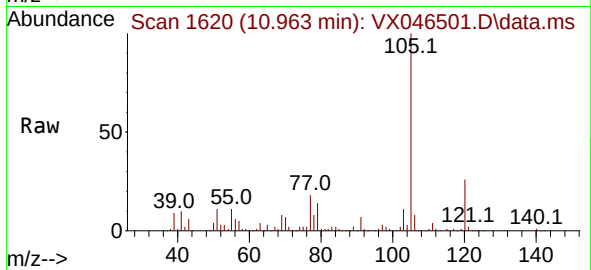




#73
Isopropylbenzene
Concen: 35.873 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

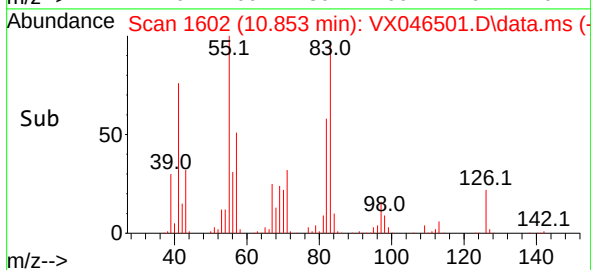
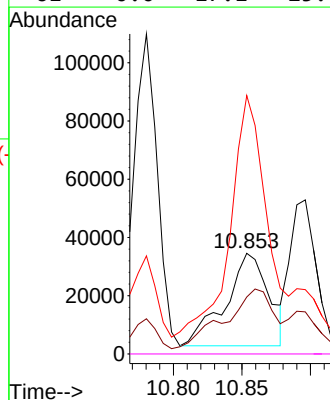
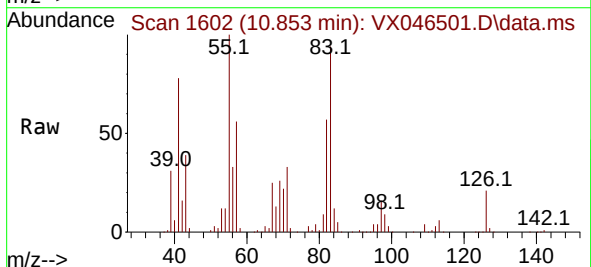
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

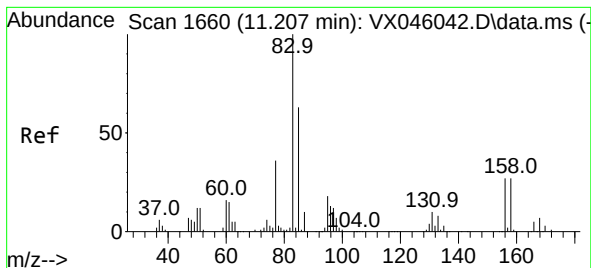
Tgt Ion:105 Resp: 135363
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#74
N-ethyl acetate
Concen: 37.627 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 43 Resp: 70159
Ion Ratio Lower Upper
43 100
70 70.9 30.9 46.3#
55 216.2 18.7 28.1#
61 0.0 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 8.013 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.012 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

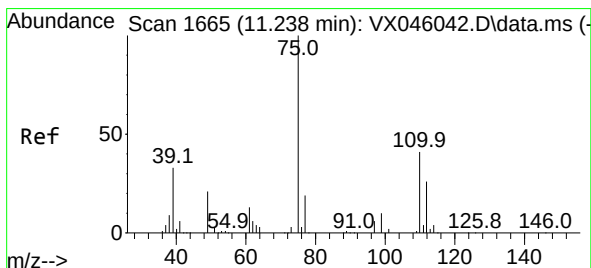
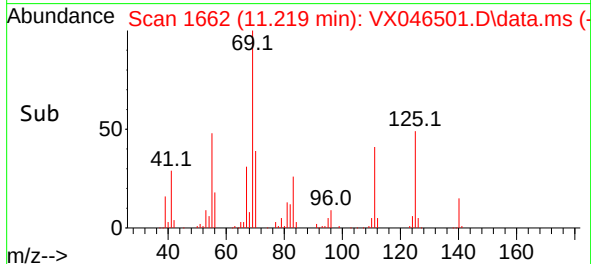
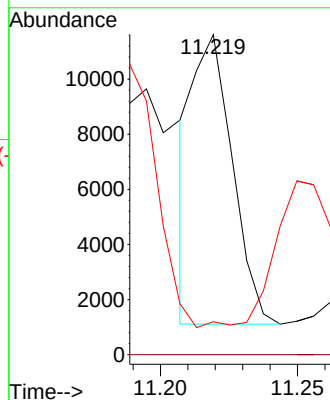
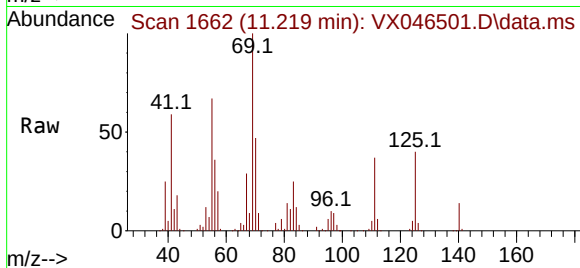
Tgt Ion: 83 Resp: 10596

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 3.867 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX046501.D

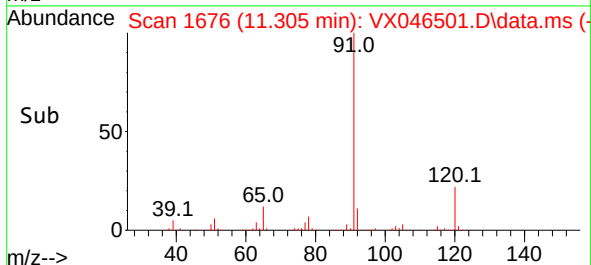
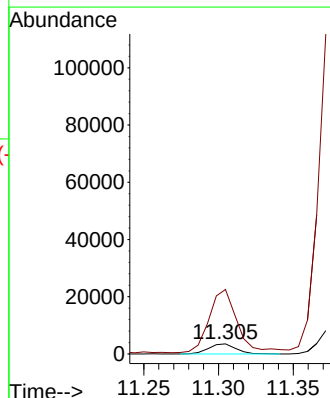
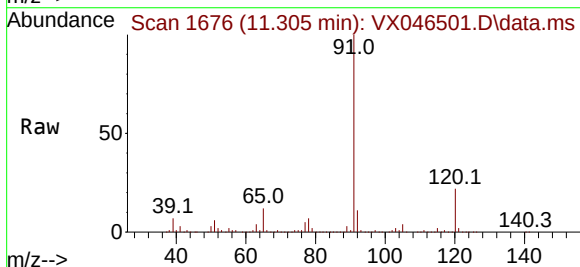
Acq: 04 Jun 2025 15:26

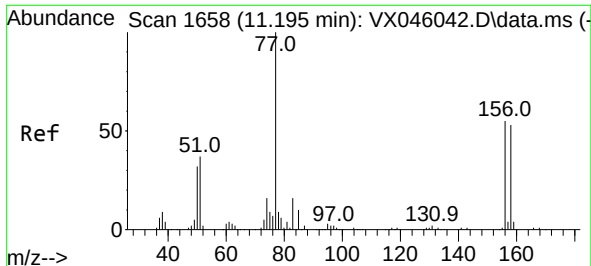
Tgt Ion: 75 Resp: 4511

Ion Ratio Lower Upper

75 100

77 640.3 20.5 61.5#

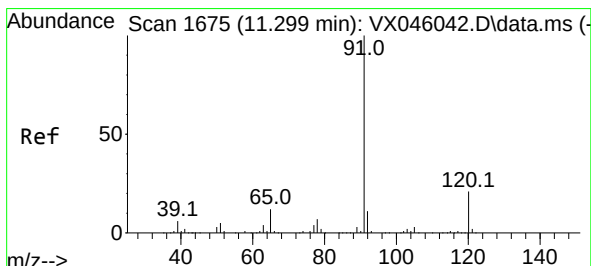
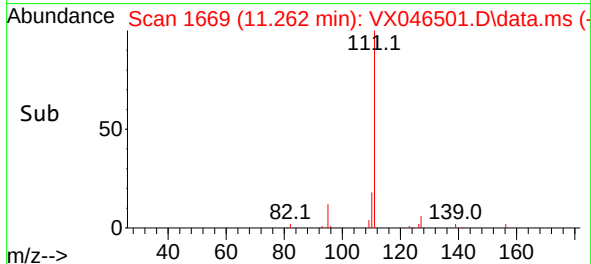
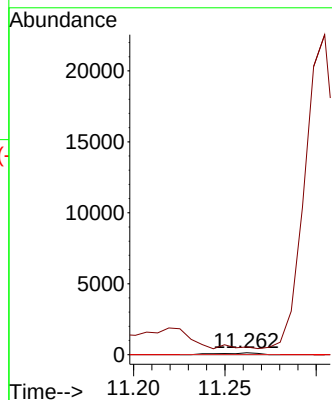
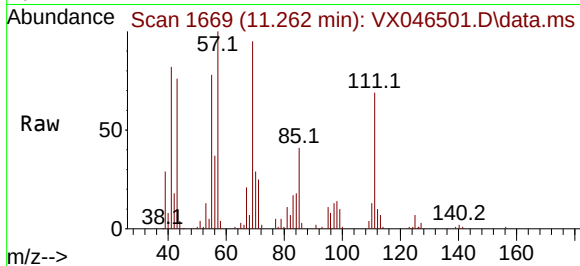




#77
Bromobenzene
Concen: 0.213 ug/l
RT: 11.262 min Scan# 1669
Delta R.T. 0.067 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

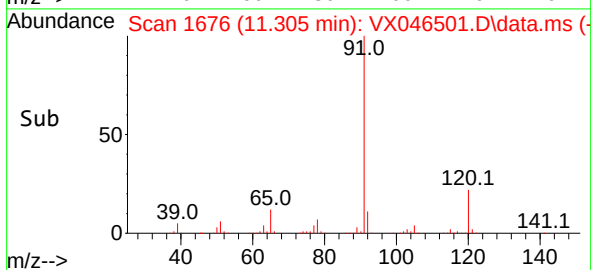
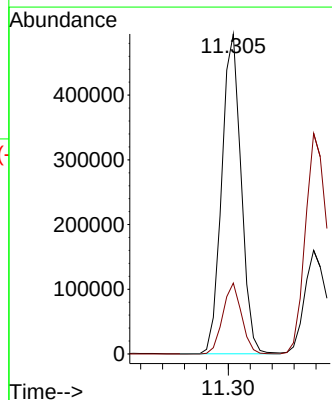
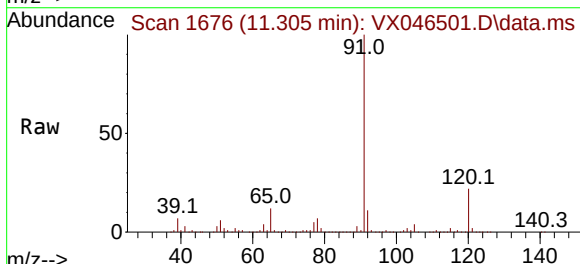
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

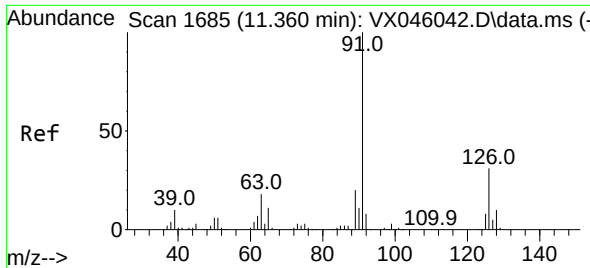
Tgt Ion:156 Resp: 187
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.3#
158 0.0 48.8 146.3#



#78
n-propylbenzene
Concen: 138.524 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 91 Resp: 607768
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

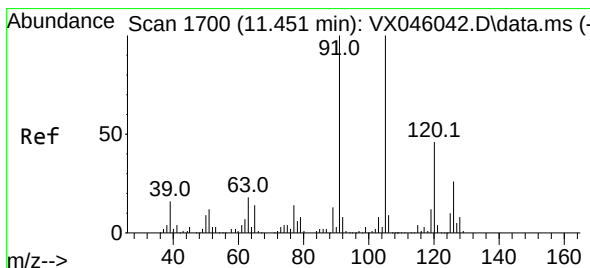
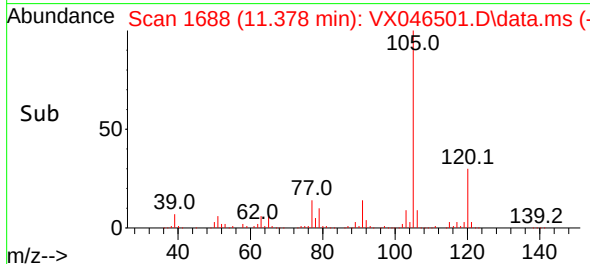
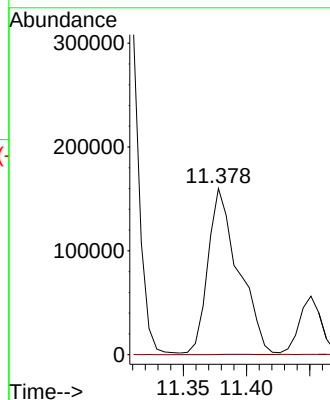
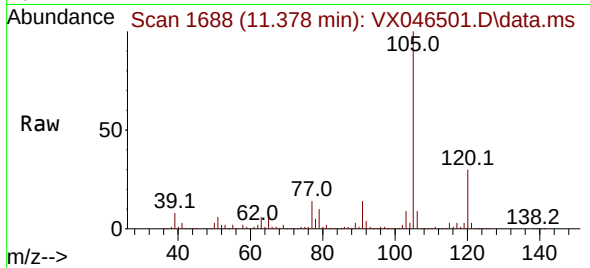




#79
2-Chlorotoluene
Concen: 95.349 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

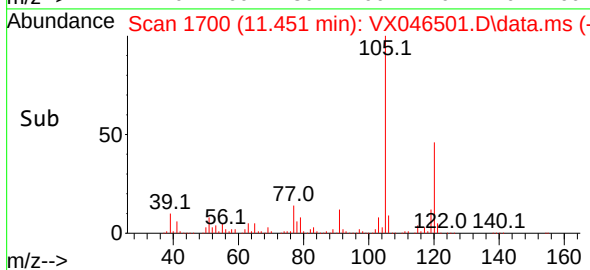
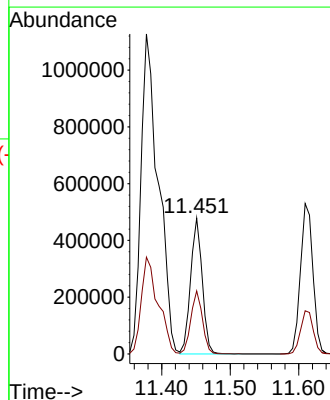
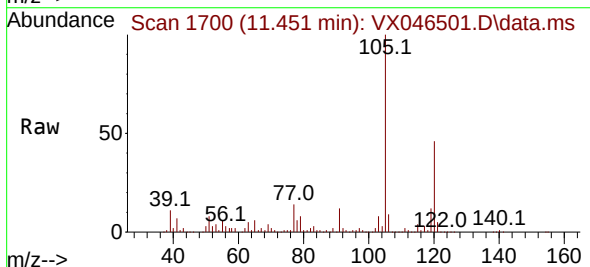
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

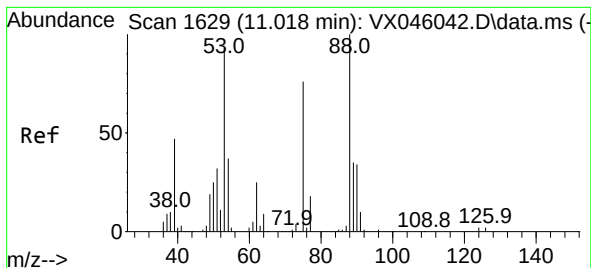
Tgt Ion: 91 Resp: 269831
Ion Ratio Lower Upper
91 100
126 0.2 15.6 46.7#



#80
1,3,5-Trimethylbenzene
Concen: 178.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 105 Resp: 563625
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2

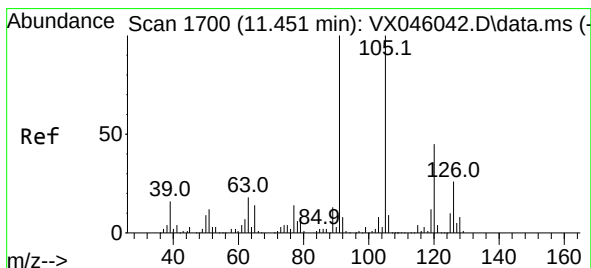
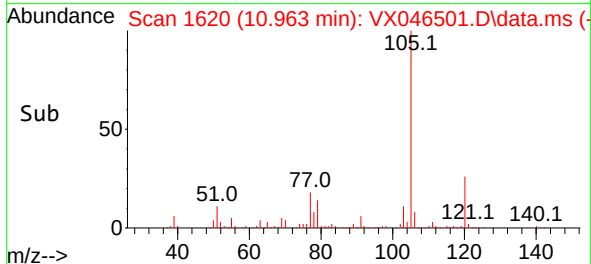
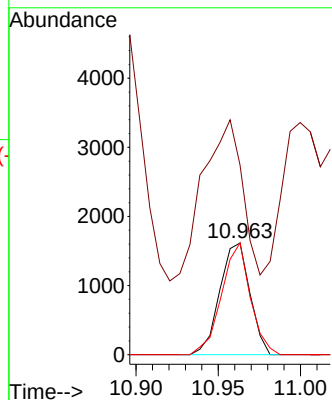
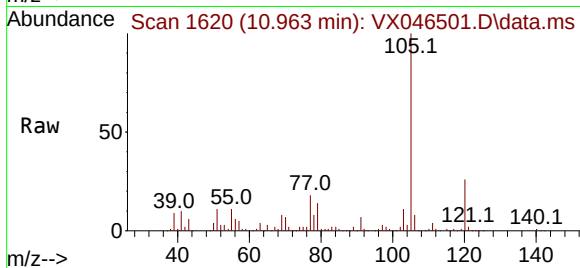




#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.726 ug/l
 RT: 10.963 min Scan# 1
 Delta R.T. -0.055 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

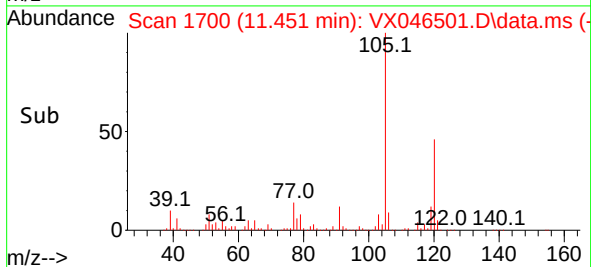
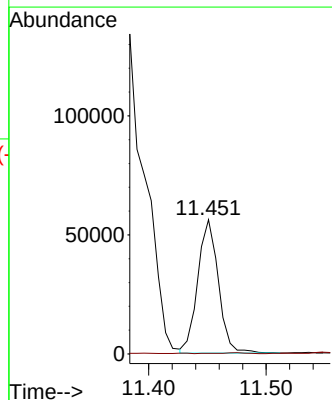
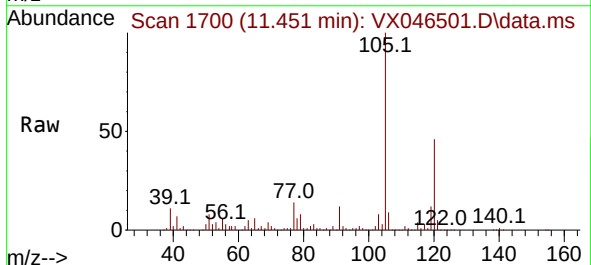
Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

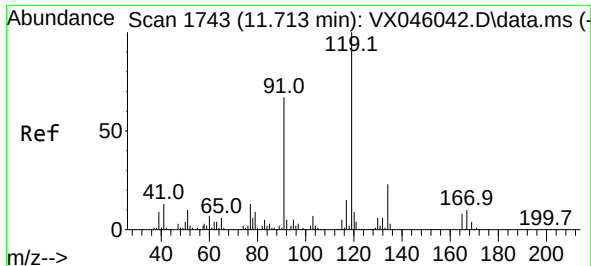
Tgt Ion: 75 Resp: 2052
 Ion Ratio Lower Upper
 75 100
 53 188.6 100.5 150.7#
 89 95.9 37.0 55.6#



#82
 4-Chlorotoluene
 Concen: 21.833 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

Tgt Ion: 91 Resp: 68519
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.3 39.8#

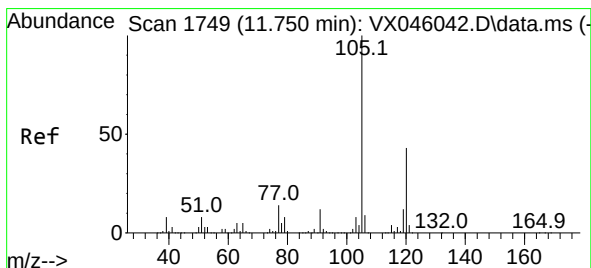
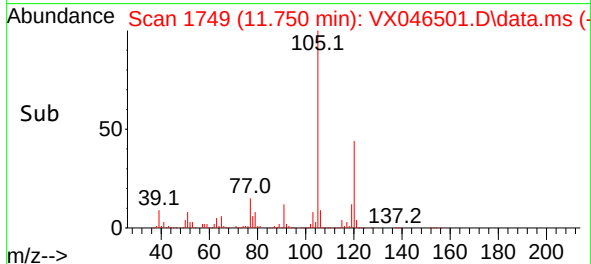
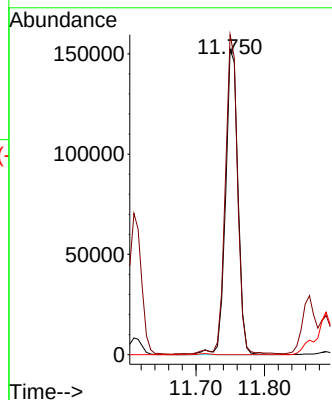
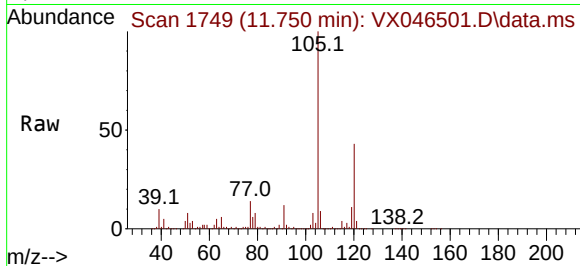




#83
 tert-Butylbenzene
 Concen: 59.939 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.036 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

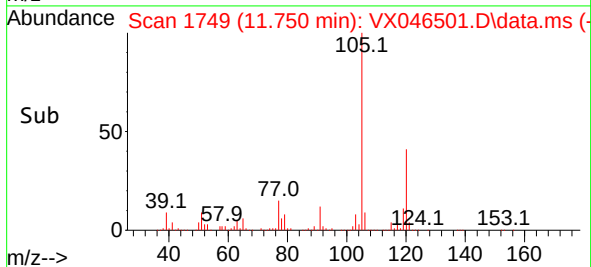
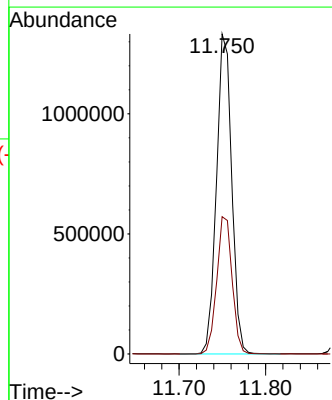
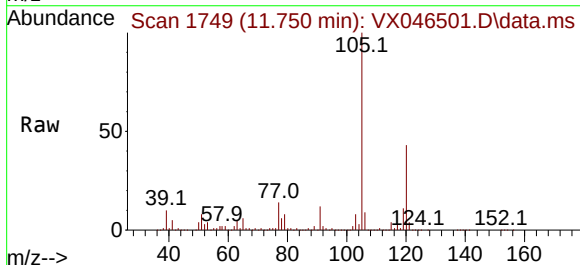
Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

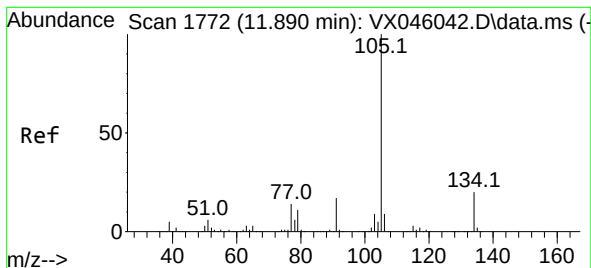
Tgt Ion:119 Resp: 190327
 Ion Ratio Lower Upper
 119 100
 91 104.2 32.9 98.7#
 134 0.0 11.4 34.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 510.332 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046501.D
 Acq: 04 Jun 2025 15:26

Tgt Ion:105 Resp: 1629169
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 34.227 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

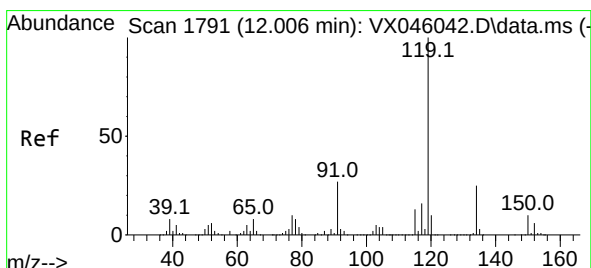
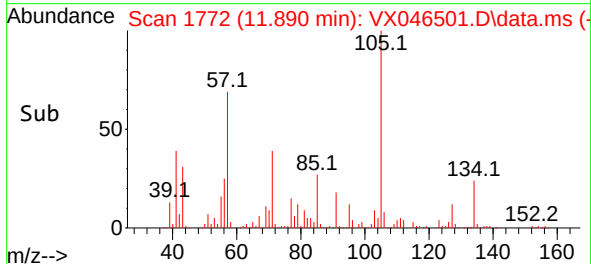
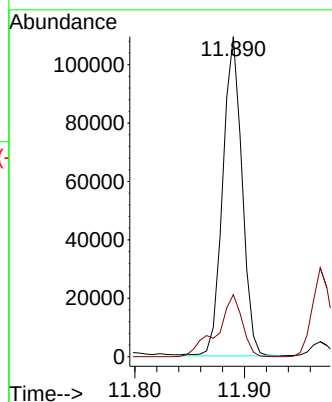
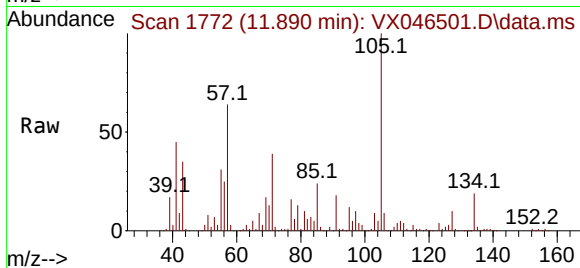
EGR-LIQUID

Tgt Ion:105 Resp: 133443

Ion Ratio Lower Upper

105 100

134 25.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 17.686 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

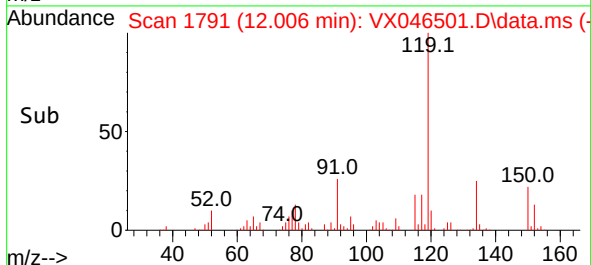
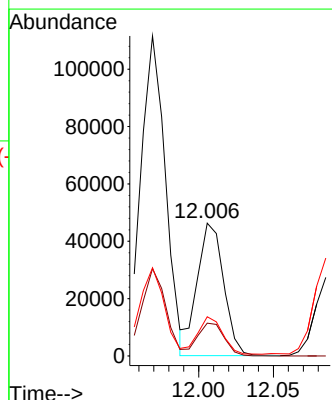
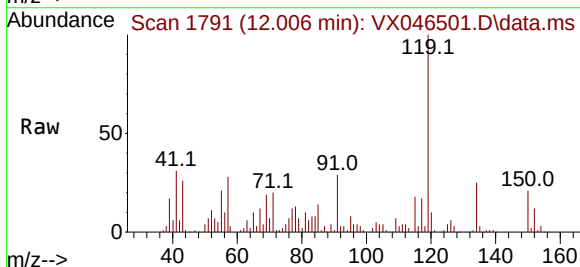
Tgt Ion:119 Resp: 56916

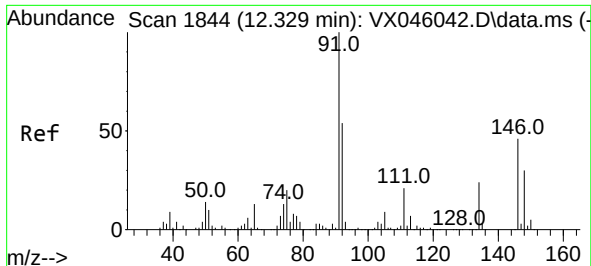
Ion Ratio Lower Upper

119 100

134 25.5 12.5 37.5

91 26.4 13.8 41.4





#89

n-Butylbenzene

Concen: 43.753 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

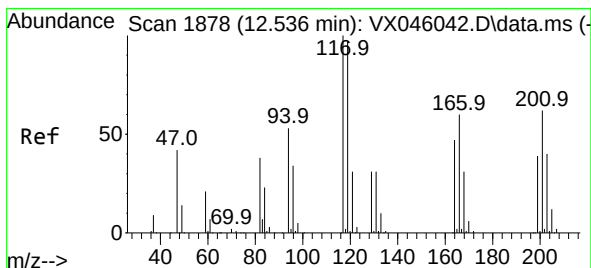
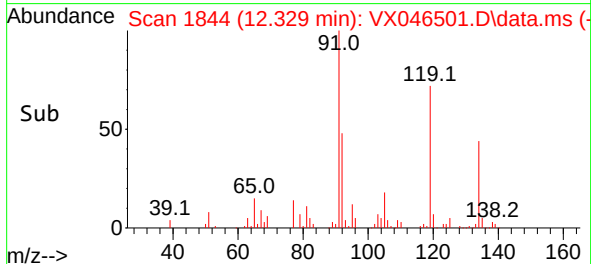
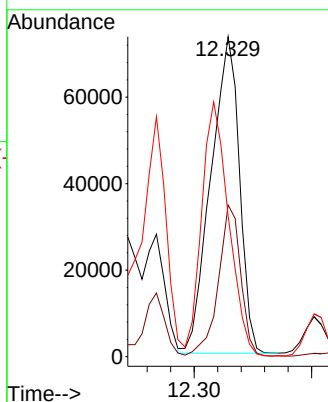
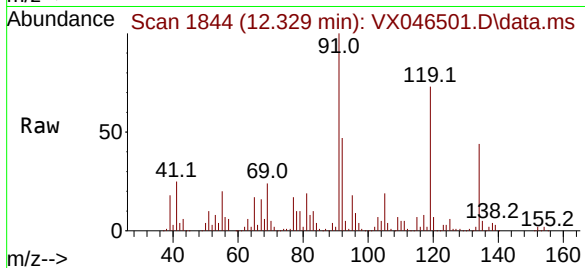
Tgt Ion: 91 Resp: 123510

Ion Ratio Lower Upper

91 100

92 37.4 26.9 80.7

134 75.6 11.8 35.3#



#90

Hexachloroethane

Concen: 22.978 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX046501.D

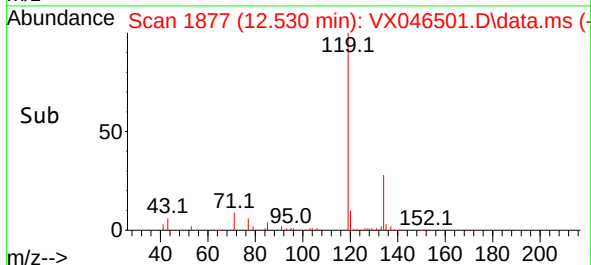
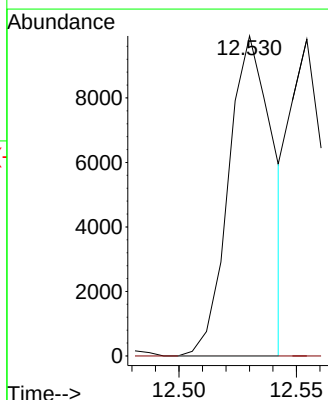
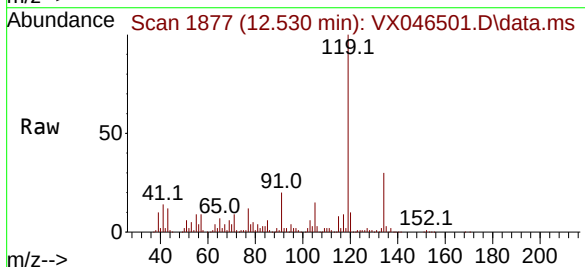
Acq: 04 Jun 2025 15:26

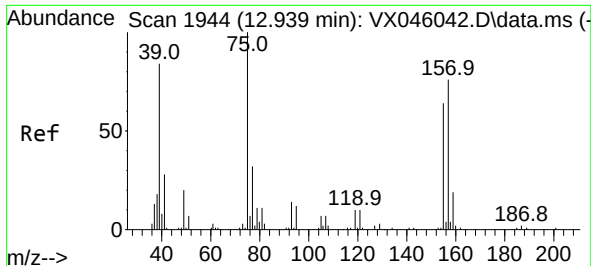
Tgt Ion: 117 Resp: 13028

Ion Ratio Lower Upper

117 100

201 0.0 31.6 94.7#

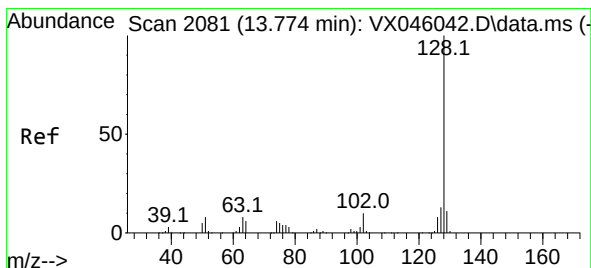
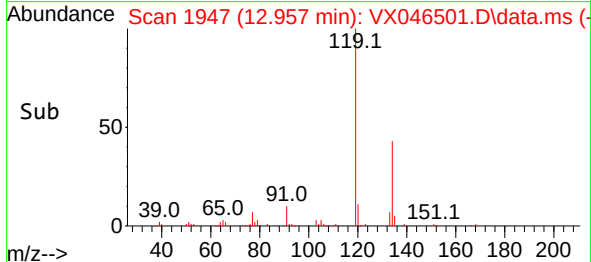
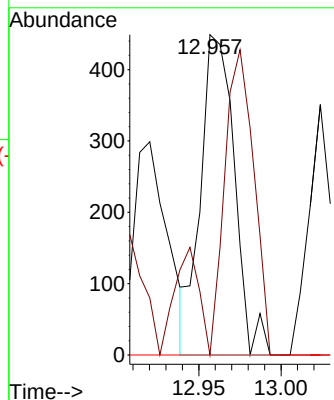
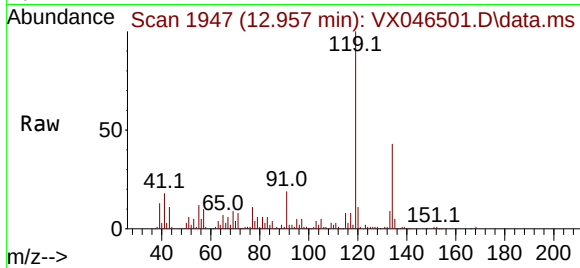




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.185 ug/l
RT: 12.957 min Scan# 1944
Delta R.T. 0.018 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion: 75 Resp: 640
Ion Ratio Lower Upper
75 100
155 24.2 34.9 104.8#
157 0.0 43.8 131.4#



#95
Naphthalene
Concen: 2.755 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 128 Resp: 9312
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 16.4 8.6 13.0#

