

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047274.D
 Acq On : 08 Aug 2025 16:12
 Operator : JC/MD
 Sample : Q2791-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

Quant Time: Aug 11 02:03:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	244219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	431469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149989	49.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.600%
35) Dibromofluoromethane	5.397	113	129614	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.647	98	363132	42.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.180%#
62) 4-Bromofluorobenzene	11.079	95	177040	47.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%

Target Compounds				Qvalue		
6) Chloroethane	1.709	64	1768	0.780	ug/l	90
10) Methyl Iodide	2.471	142	7698	2.438	ug/l #	96
11) Tert butyl alcohol	2.965	59	2692	Below Cal	#	72
13) Acrolein	2.258	56	13657	20.849	ug/l	86
16) Acetone	2.404	43	67088	55.048	ug/l	92
17) Carbon Disulfide	2.526	76	9441	1.063	ug/l	97
18) Methyl Acetate	2.721	43	26079	8.052	ug/l	98
20) Methylene Chloride	2.806	84	35740	10.660	ug/l	98
25) 2-Butanone	4.587	43	32900	18.540	ug/l	91
26) 2,2-Dichloropropane	4.574	77	1128	0.246	ug/l #	53
28) Bromochloromethane	5.111	49	38319	14.043	ug/l #	15
30) Chloroform	5.105	83	481401	79.733	ug/l	99
31) Cyclohexane	5.556	56	5670	0.997	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	20835	4.588	ug/l #	52
37) Ethyl Acetate	4.745	43	21717	5.190	ug/l #	89
38) Carbon Tetrachloride	5.562	117	25739	5.311	ug/l #	17
39) Methylcyclohexane	7.385	83	1261	0.222	ug/l #	1
40) Benzene	6.050	78	3149	0.240	ug/l #	83
43) Isopropyl Acetate	6.361	43	16635	2.550	ug/l #	81
45) 1,2-Dichloropropane	7.592	63	1093	0.332	ug/l #	1
47) Bromodichloromethane	7.830	83	1931	0.393	ug/l #	84
48) Methyl methacrylate	7.799	41	82877	23.321	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	105492	27.207	ug/l #	52
52) Toluene	8.720	92	98437	12.182	ug/l	97
54) cis-1,3-Dichloropropene	8.549	75	45661	8.992	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	2883	0.547	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.440	63	662	0.265	ug/l #	76
59) 2-Hexanone	9.519	43	856140	334.205	ug/l #	49
64) Tetrachloroethene	9.275	164	1263	0.493	ug/l #	91
67) Ethyl Benzene	10.195	91	9972	0.685	ug/l	93
68) m/p-Xylenes	10.299	106	14216	2.609	ug/l	98
69) o-Xylene	10.640	106	5454	1.052	ug/l	81
70) Styrene	10.665	104	2819	0.317	ug/l #	56
74) N-amyl acetate	10.854	43	54447	9.133	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	11.213	83	3155	0.748	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	91316	26.343	ug/l #	35

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

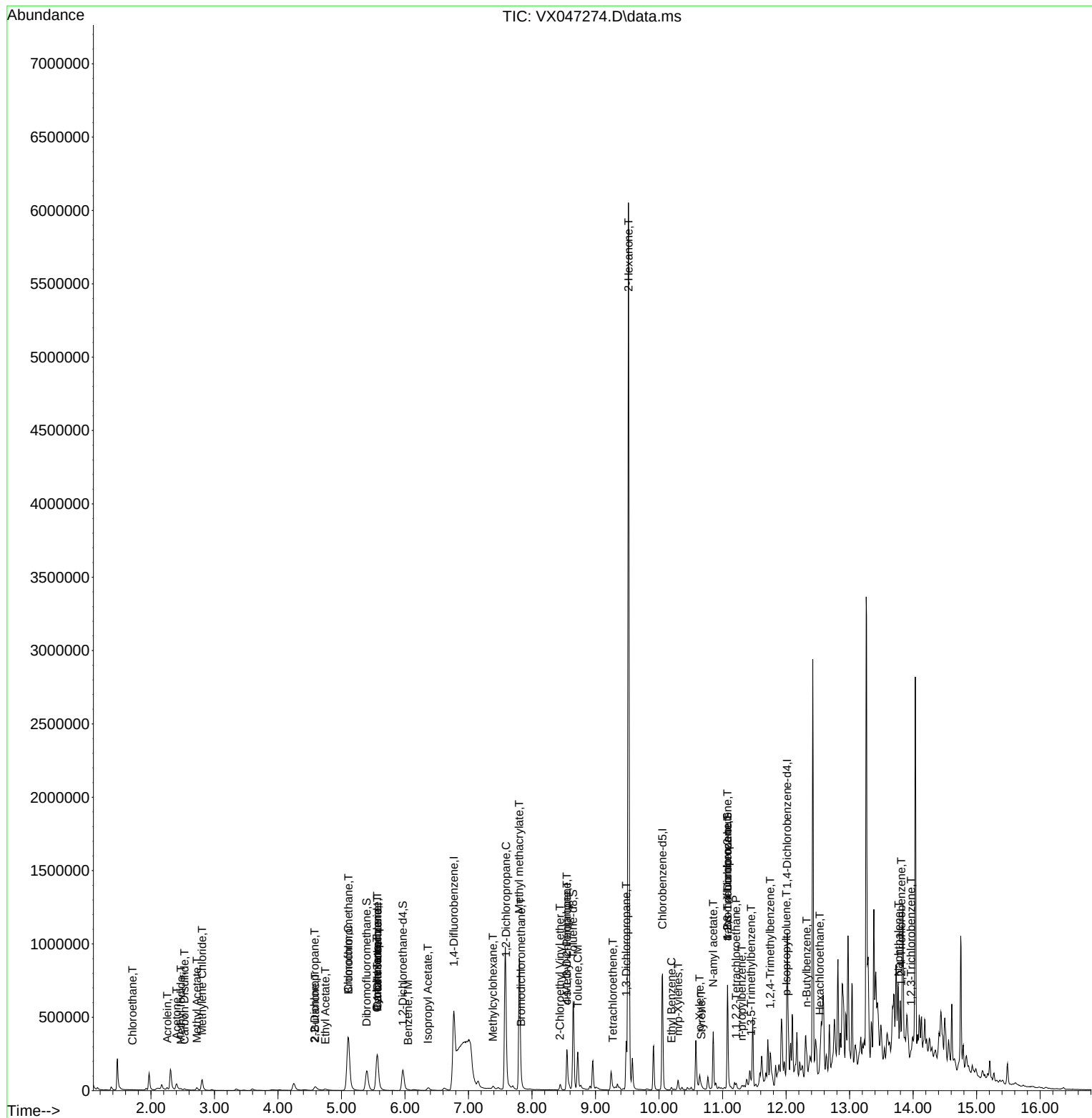
78) n-propylbenzene	11.305	91	7197	0.408	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10144	0.831	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	91316	67.871	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	52265	4.293	ug/l	91
86) p-Isopropyltoluene	12.006	119	4015	0.316	ug/l #	64
89) n-Butylbenzene	12.323	91	8984	0.755	ug/l #	65
90) Hexachloroethane	12.530	117	513	0.226	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.817	180	2308	0.543	ug/l	62
95) Naphthalene	13.774	128	6651	0.534	ug/l #	33
96) 1,2,3-Trichlorobenzene	13.969	180	2579	0.630	ug/l #	51

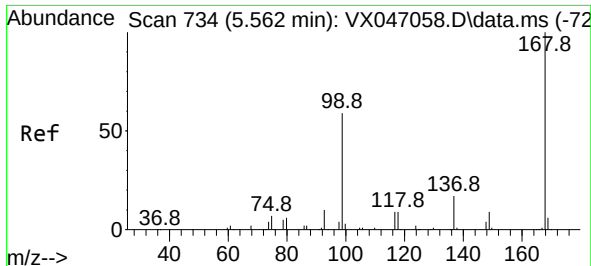
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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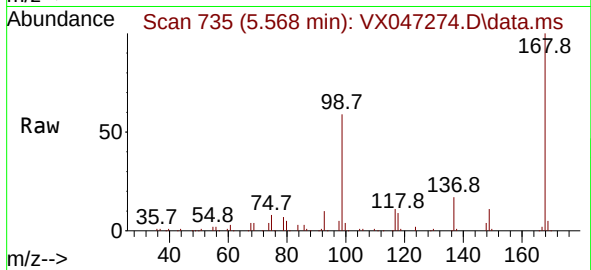
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



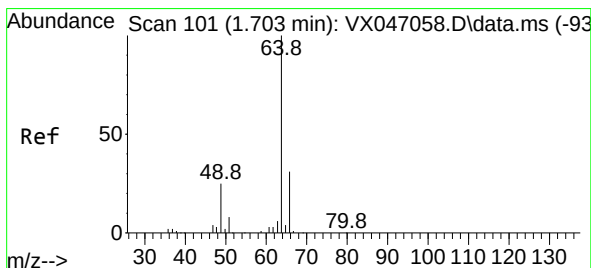
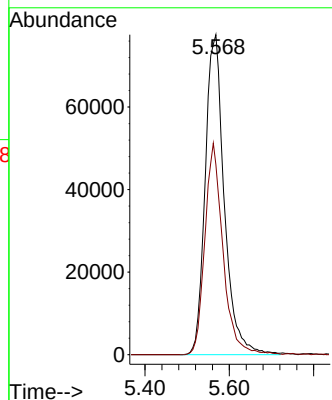
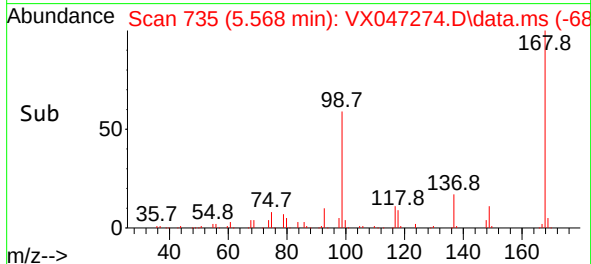


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

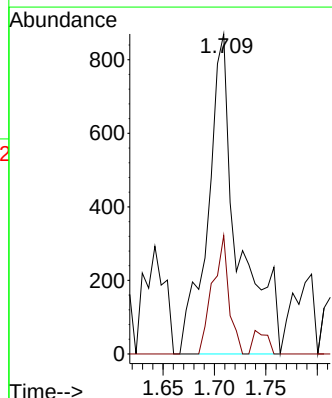
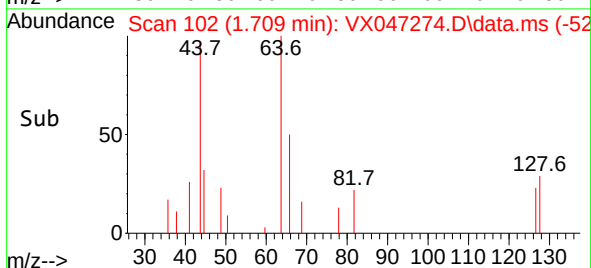
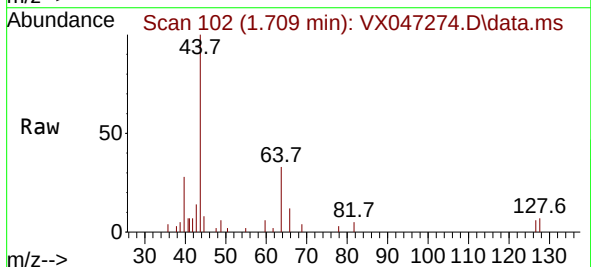


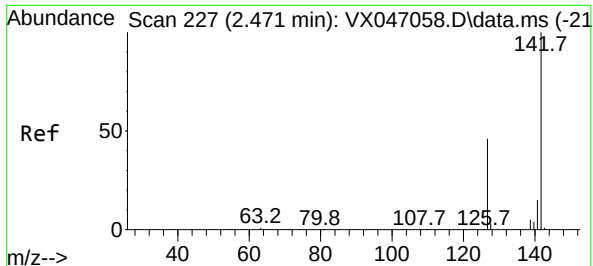
Tgt Ion:168 Resp: 244219
Ion Ratio Lower Upper
168 100
99 59.4 48.0 72.0



#6
Chloroethane
Concen: 0.780 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 64 Resp: 1768
Ion Ratio Lower Upper
64 100
66 37.0 25.0 37.6

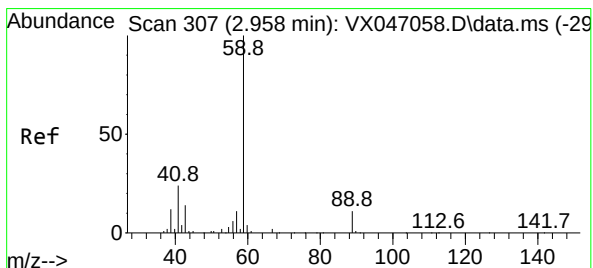
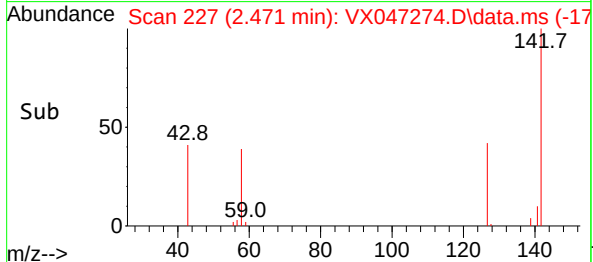
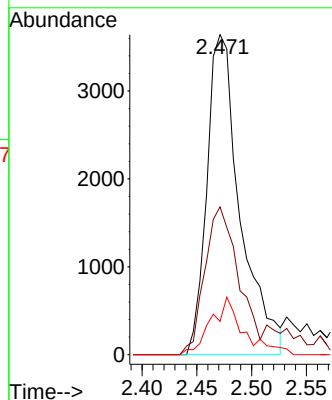
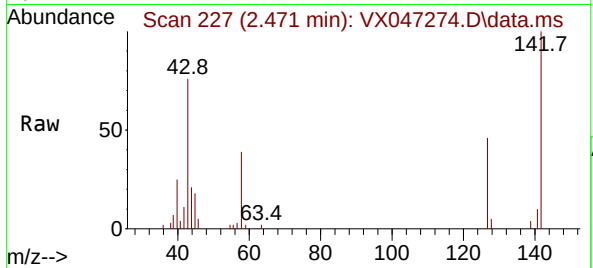




#10
Methyl Iodide
Concen: 2.438 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

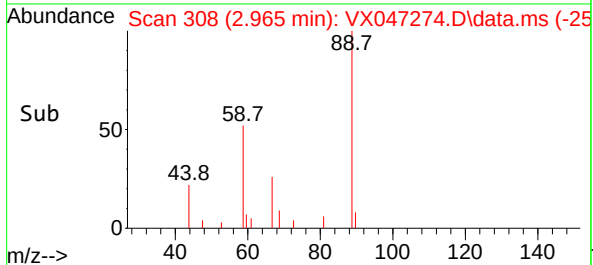
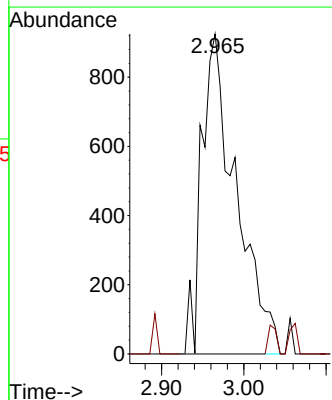
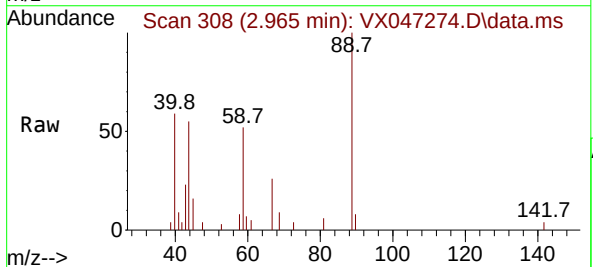
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

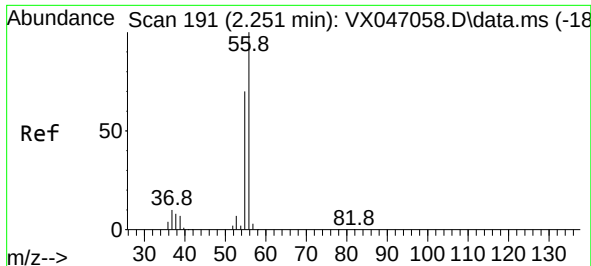
Tgt Ion:142 Resp: 7698
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 17.5 10.9 16.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 59 Resp: 2692
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

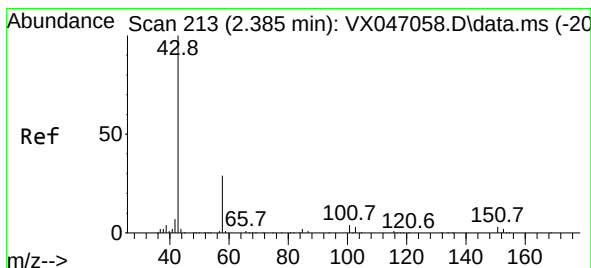
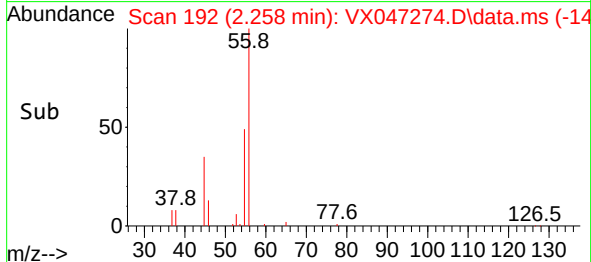
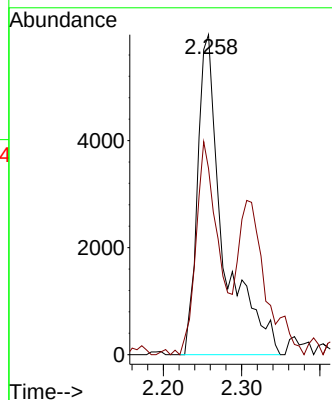
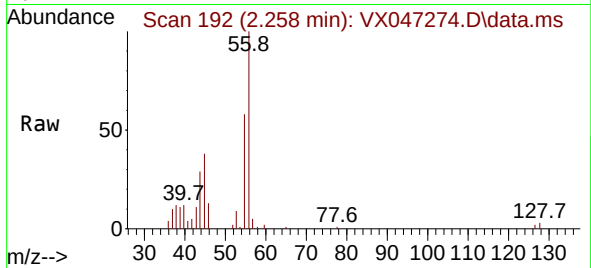




#13
Acrolein
Concen: 20.849 ug/l
RT: 2.258 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

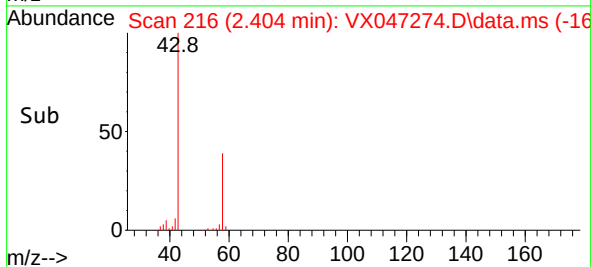
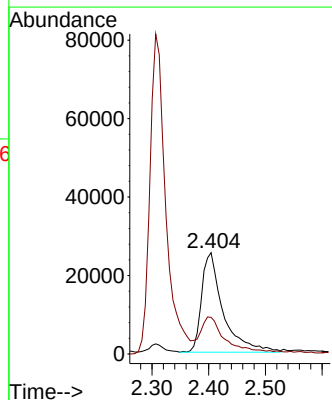
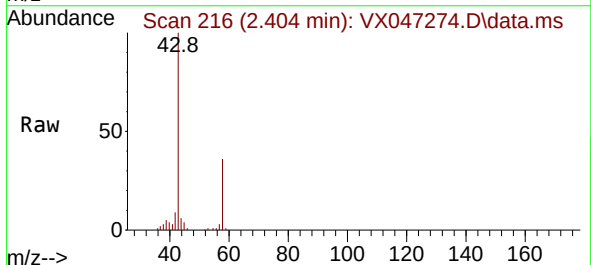
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

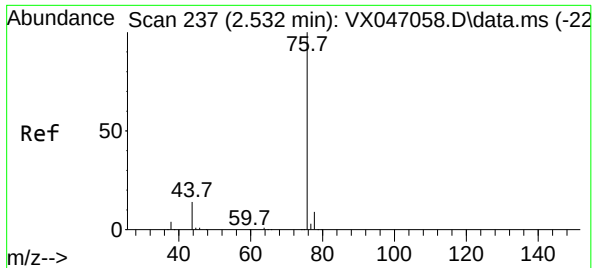
Tgt Ion: 56 Resp: 13657
Ion Ratio Lower Upper
56 100
55 58.1 55.7 83.5



#16
Acetone
Concen: 55.048 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.019 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 43 Resp: 67088
Ion Ratio Lower Upper
43 100
58 34.2 24.0 36.0

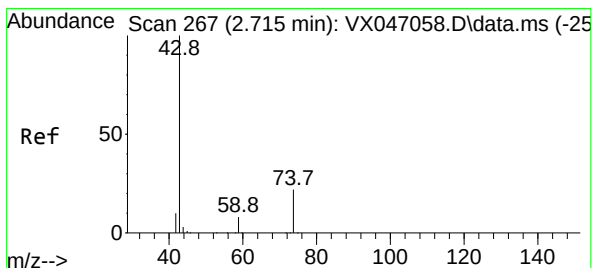
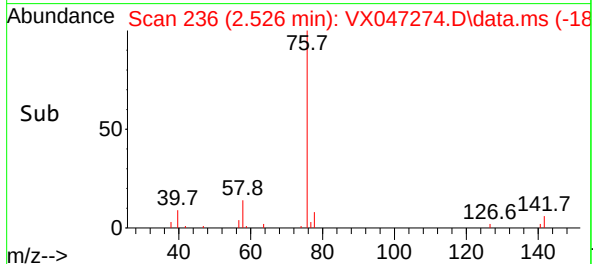
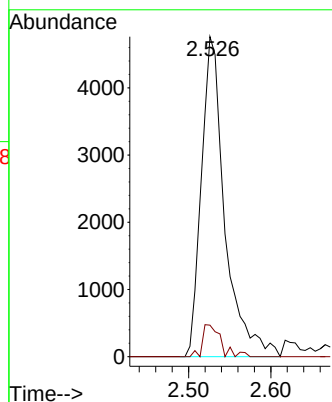
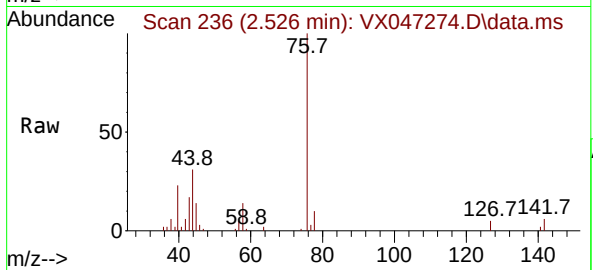




#17
Carbon Disulfide
Concen: 1.063 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

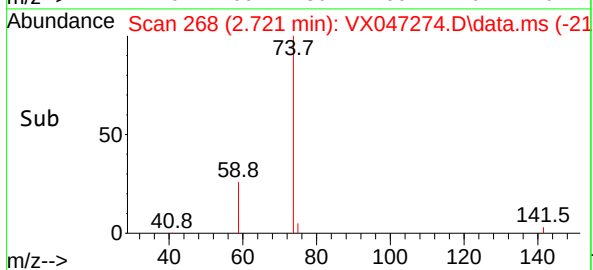
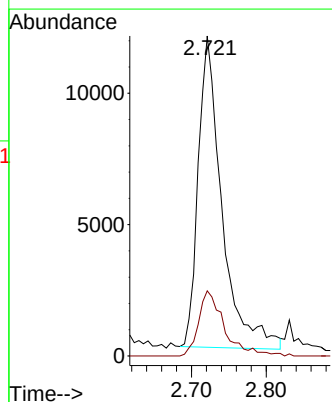
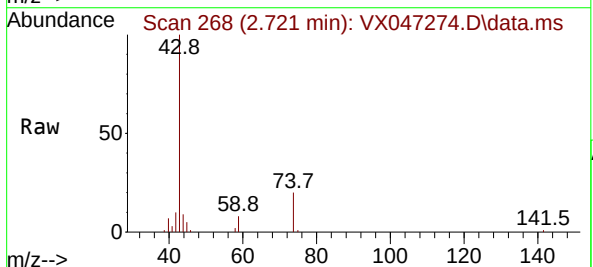
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

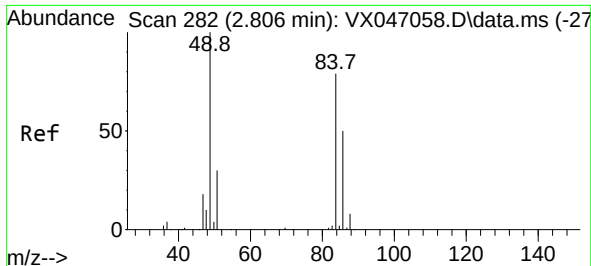
Tgt Ion: 76 Resp: 9441
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 8.052 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 43 Resp: 26079
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5

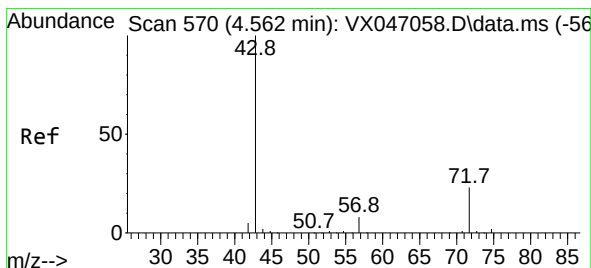
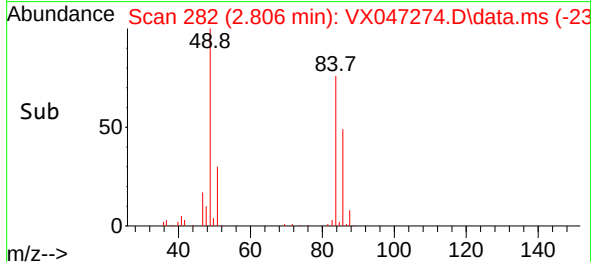
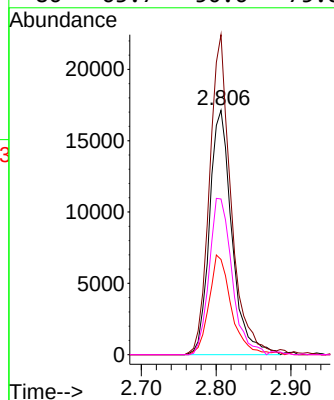
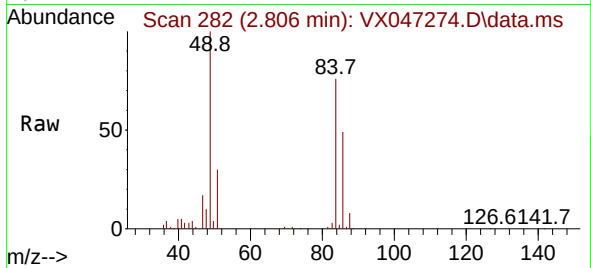




#20
Methylene Chloride
Concen: 10.660 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

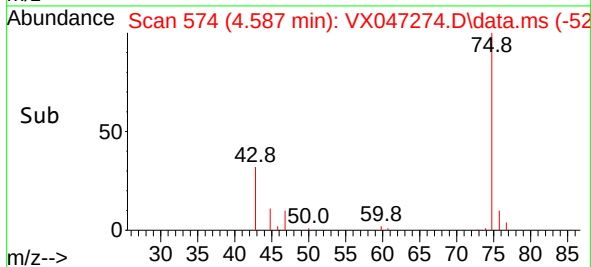
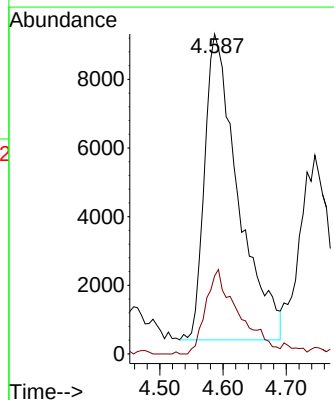
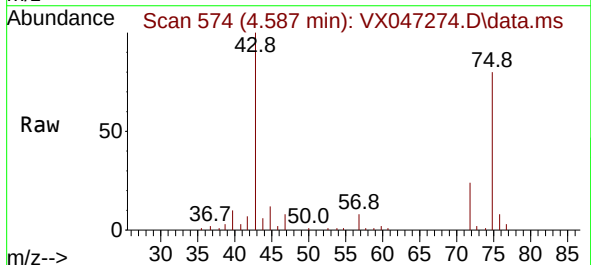
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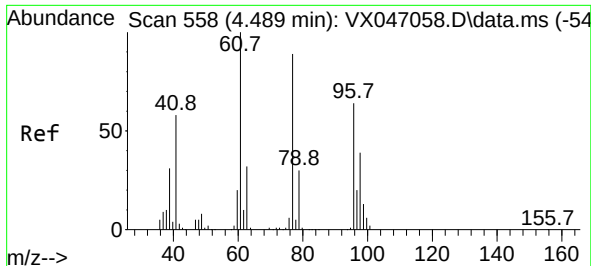
Tgt Ion:	84	Resp:	35740
Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.6	152.4
51	38.9	30.3	45.5
86	63.7	50.6	75.8



#25
2-Butanone
Concen: 18.540 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion:	43	Resp:	32900
Ion	Ratio	Lower	Upper
43	100		
72	28.0	18.8	28.2





#26

2,2-Dichloropropane

Concen: 0.246 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.086 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

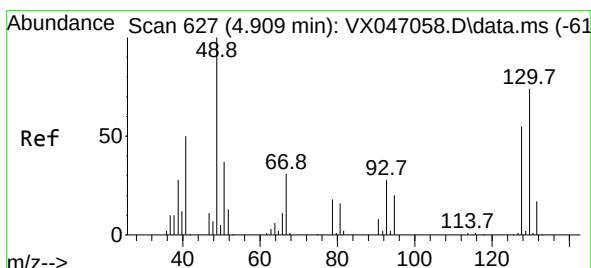
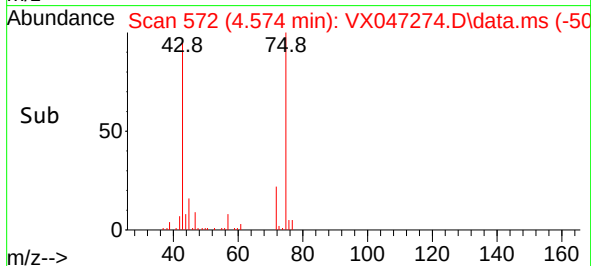
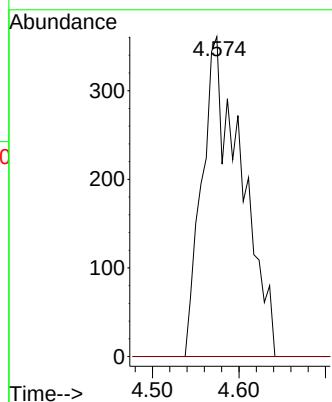
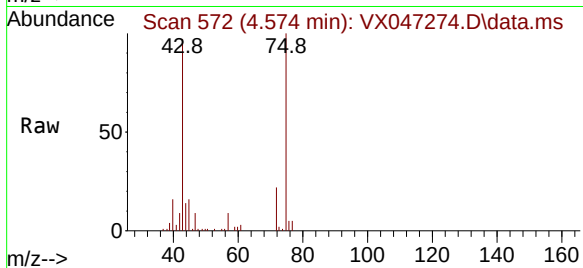
SLUDGE

Tgt Ion: 77 Resp: 1128

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#28

Bromochloromethane

Concen: 14.043 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.202 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

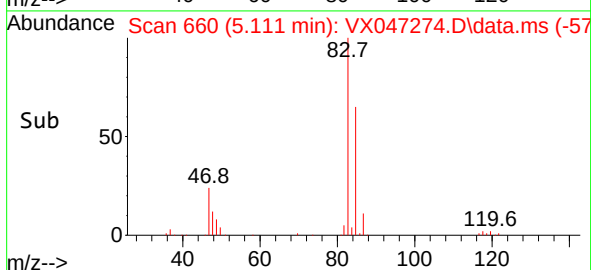
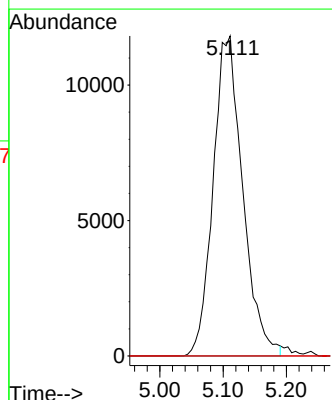
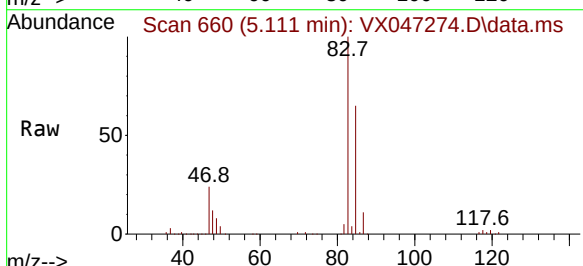
Tgt Ion: 49 Resp: 38319

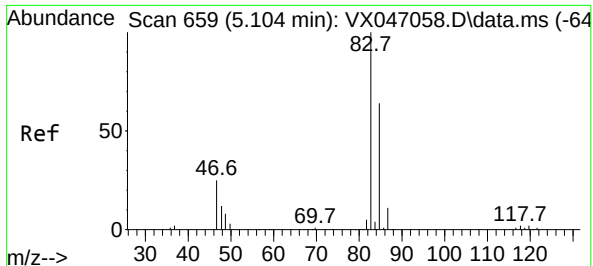
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.0 88.4#





#30

Chloroform

Concen: 79.733 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

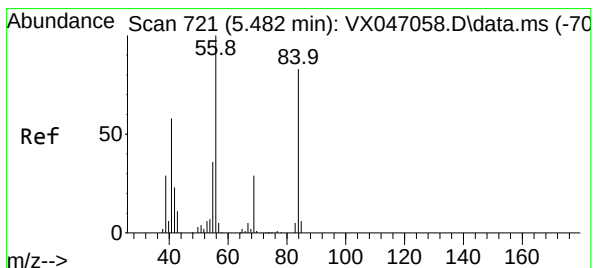
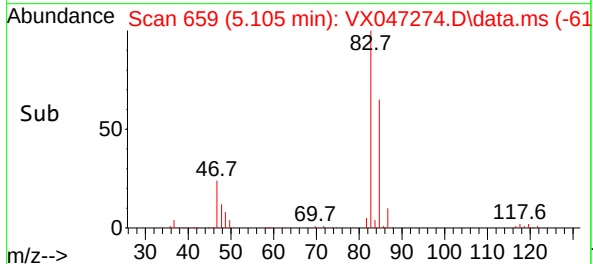
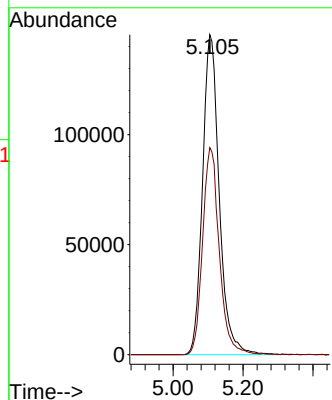
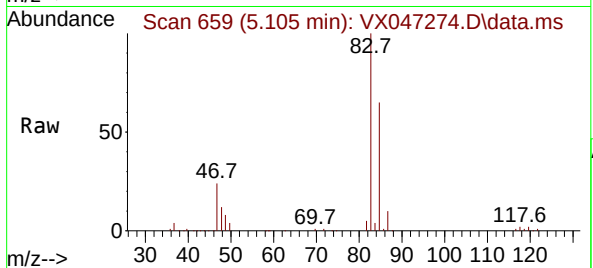
SLUDGE

Tgt Ion: 83 Resp: 481401

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3



#31

Cyclohexane

Concen: 0.997 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.074 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

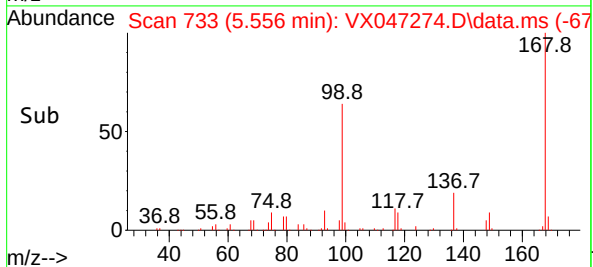
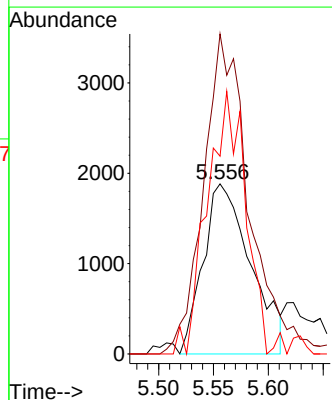
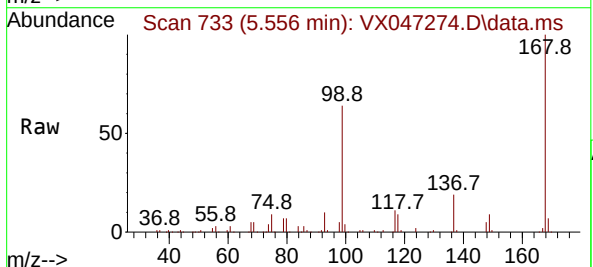
Tgt Ion: 56 Resp: 5670

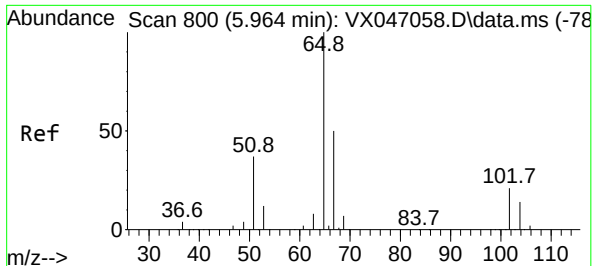
Ion Ratio Lower Upper

56 100

69 162.9 23.3 34.9#

84 99.0 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 49.303 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

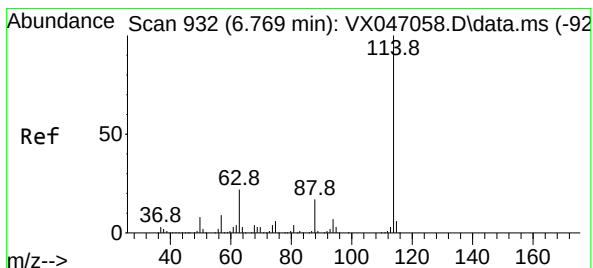
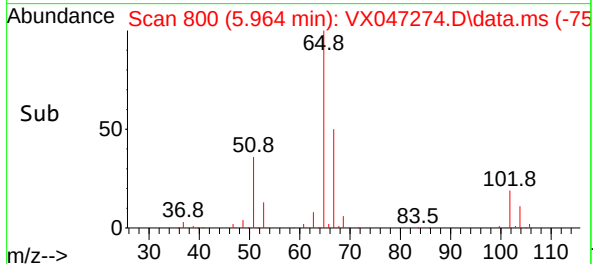
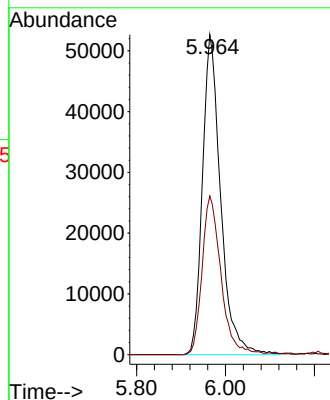
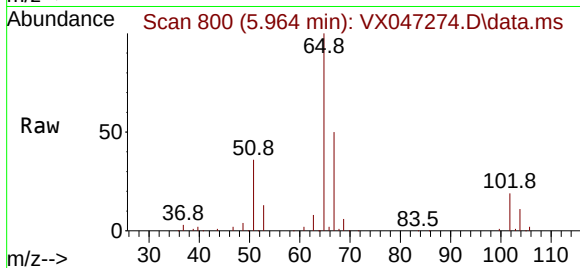
SLUDGE

Tgt Ion: 65 Resp: 149989

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

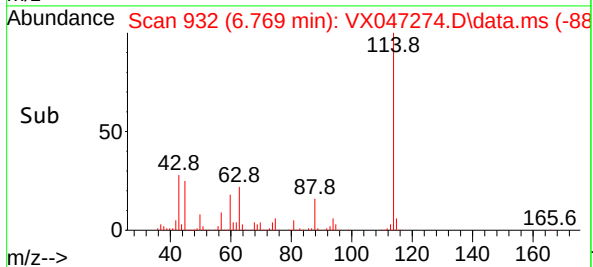
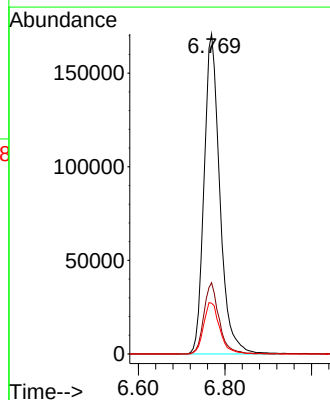
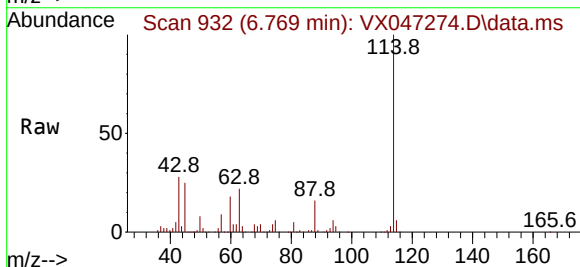
Tgt Ion: 114 Resp: 431469

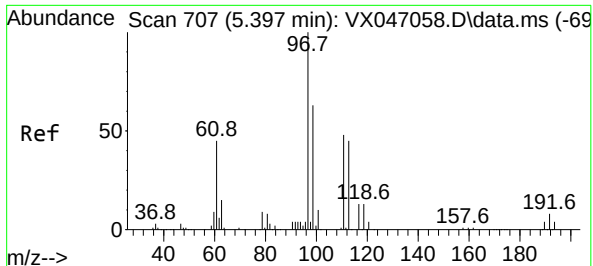
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 15.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.653 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047274.D

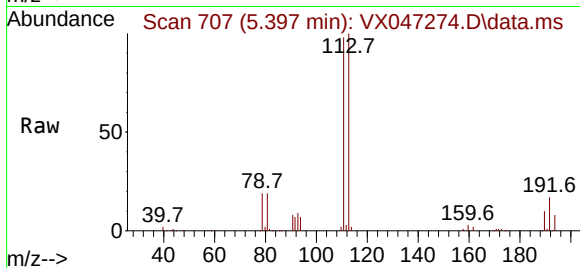
Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE



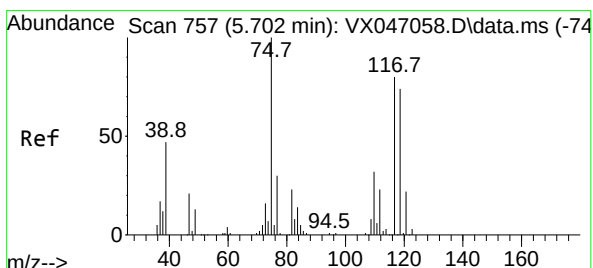
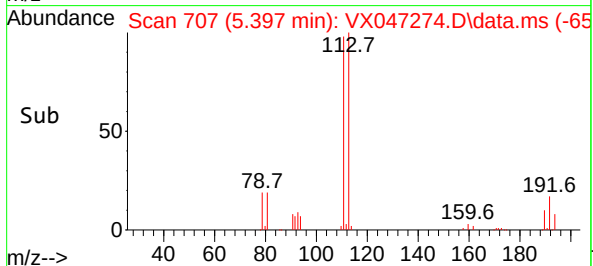
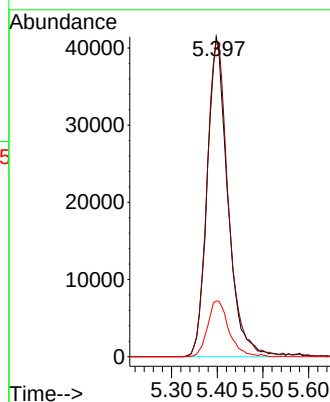
Tgt Ion:113 Resp: 129614

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 17.9 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.588 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

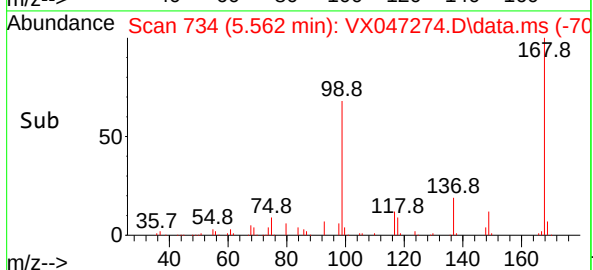
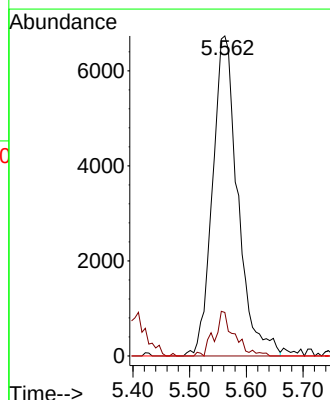
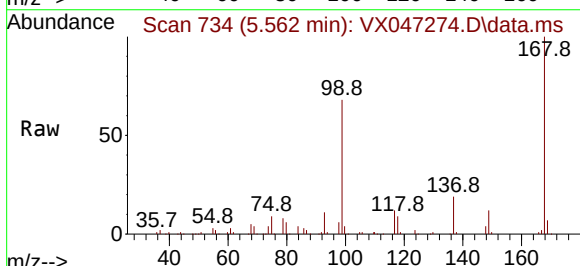
Tgt Ion: 75 Resp: 20835

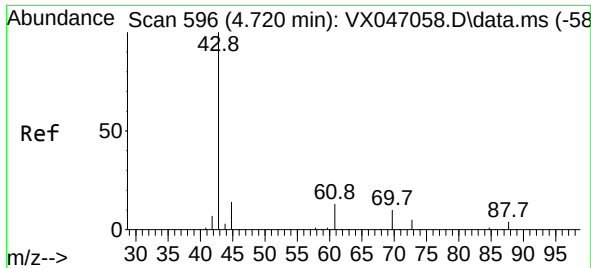
Ion Ratio Lower Upper

75 100

110 11.0 17.2 51.5#

77 0.0 25.1 37.7#

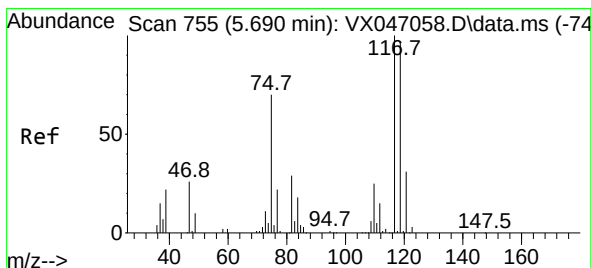
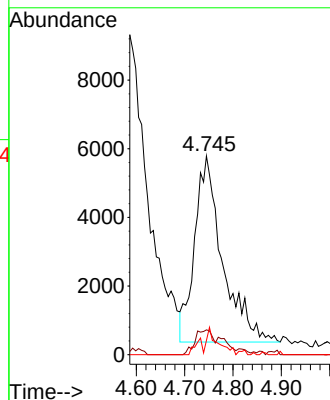
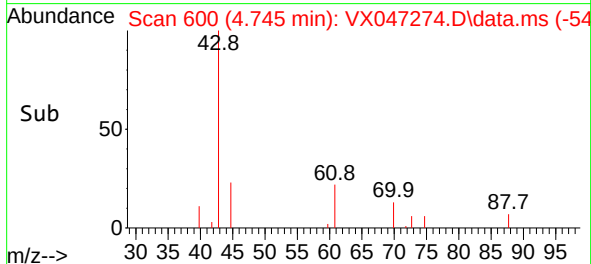
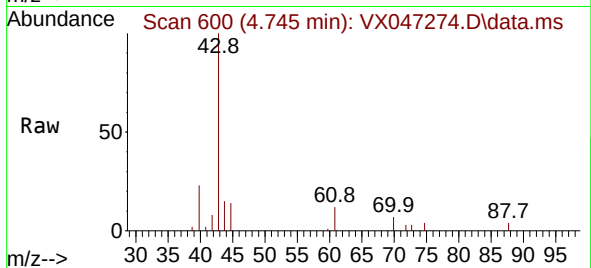




#37
Ethyl Acetate
Concen: 5.190 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

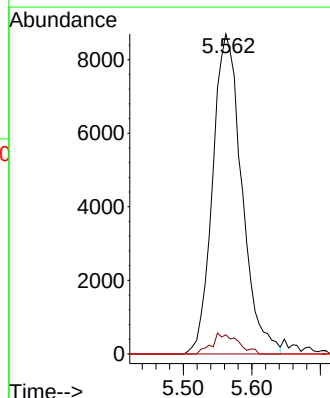
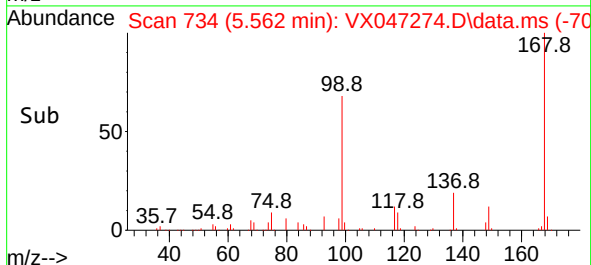
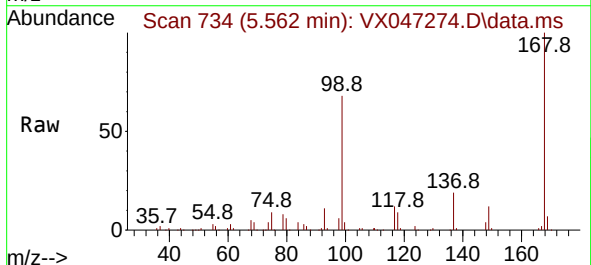
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

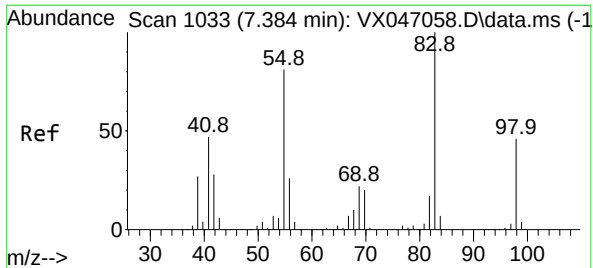
Tgt Ion: 43 Resp: 21717
Ion Ratio Lower Upper
43 100
61 8.6 10.2 15.2#
70 5.7 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 5.311 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 117 Resp: 25739
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.222 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

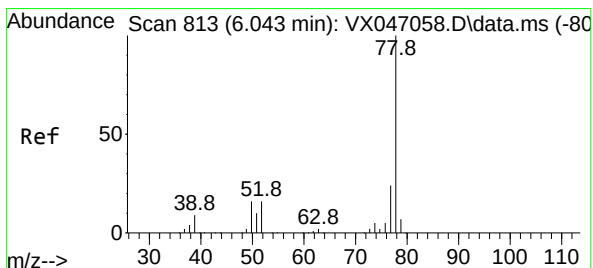
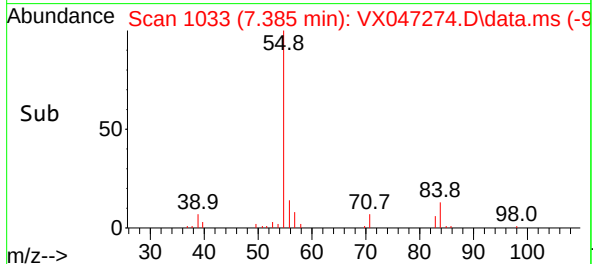
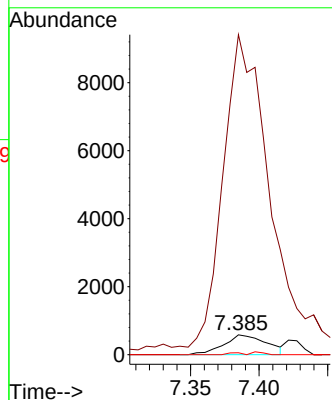
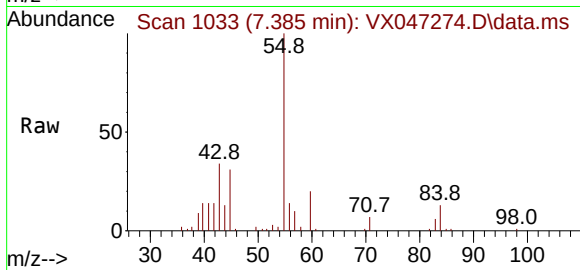
Tgt Ion: 83 Resp: 1261

Ion Ratio Lower Upper

83 100

55 1563.0 64.5 96.7#

98 10.1 36.9 55.3#



#40

Benzene

Concen: 0.240 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.007 min

Lab File: VX047274.D

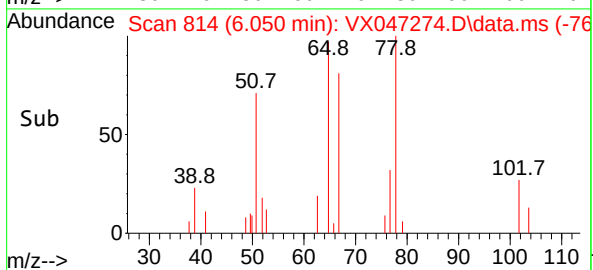
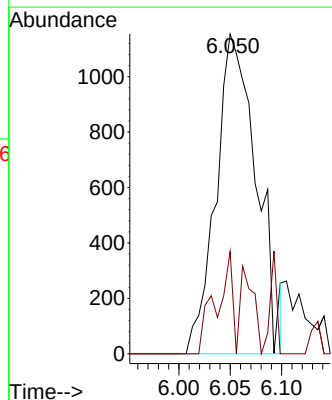
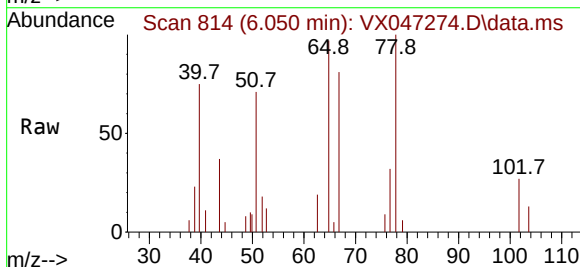
Acq: 08 Aug 2025 16:12

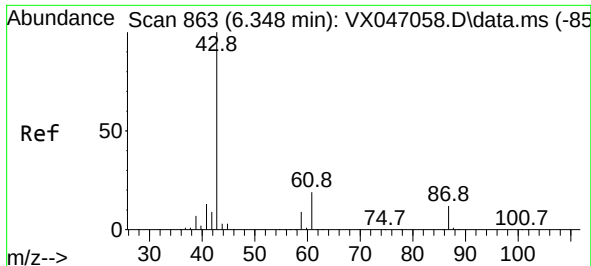
Tgt Ion: 78 Resp: 3149

Ion Ratio Lower Upper

78 100

77 32.0 19.0 28.4#





#43

Isopropyl Acetate

Concen: 2.550 ug/l

RT: 6.361 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

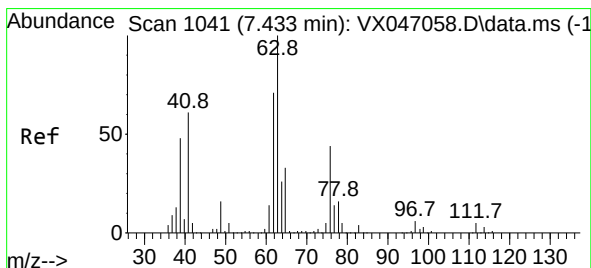
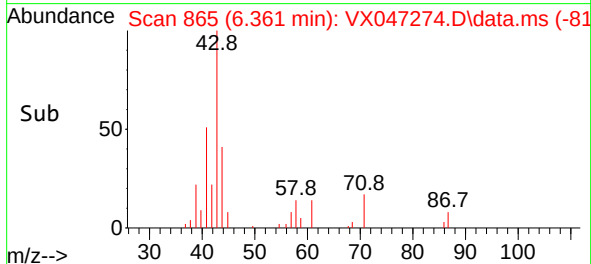
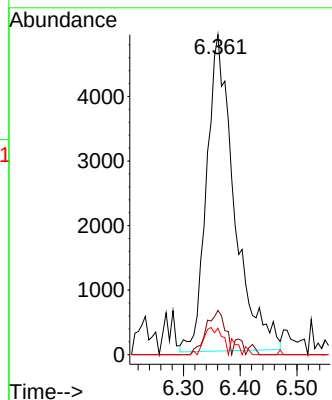
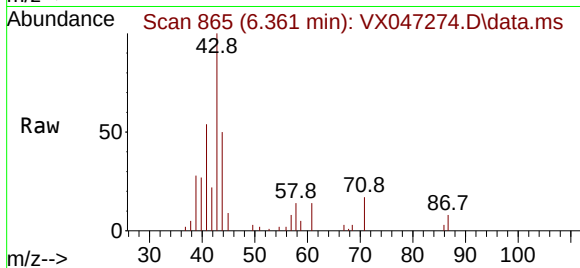
Tgt Ion: 43 Resp: 16635

Ion Ratio Lower Upper

43 100

61 9.5 15.1 22.7#

87 5.6 9.7 14.5#



#45

1,2-Dichloropropane

Concen: 0.332 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.159 min

Lab File: VX047274.D

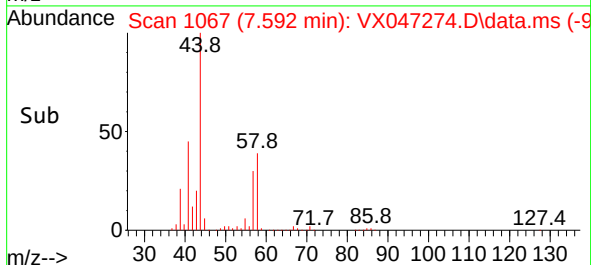
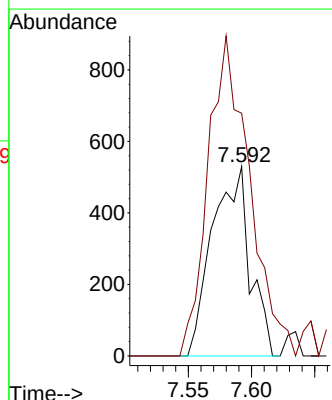
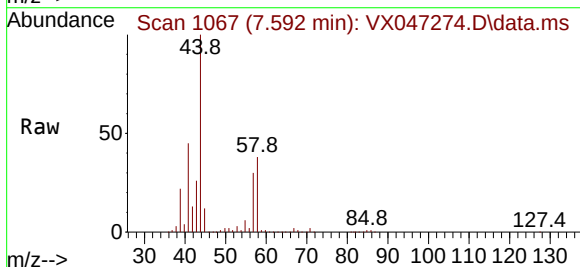
Acq: 08 Aug 2025 16:12

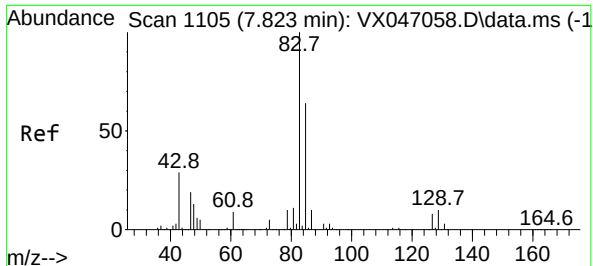
Tgt Ion: 63 Resp: 1093

Ion Ratio Lower Upper

63 100

65 128.1 26.3 39.5#

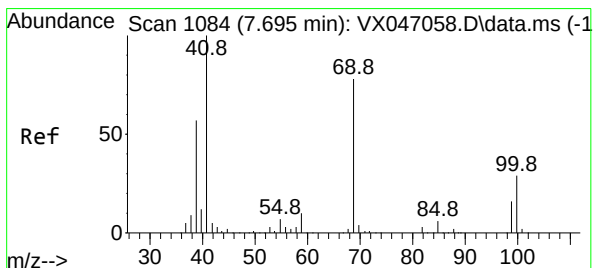
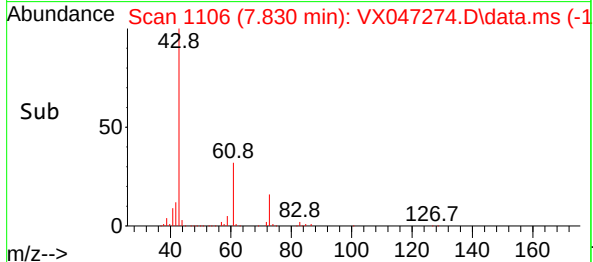
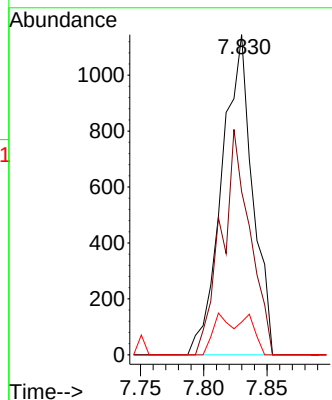
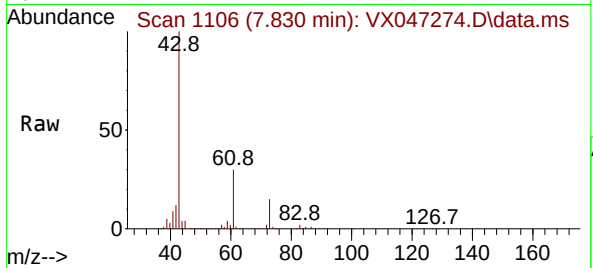




#47
Bromodichloromethane
Concen: 0.393 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

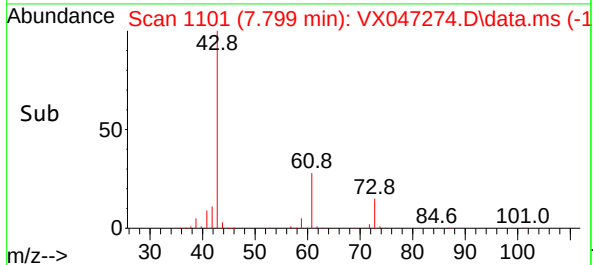
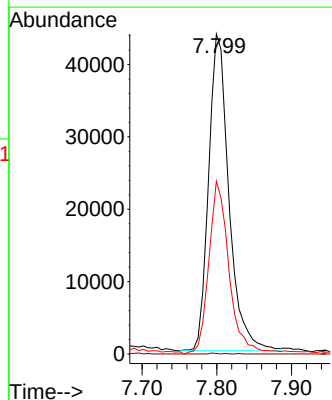
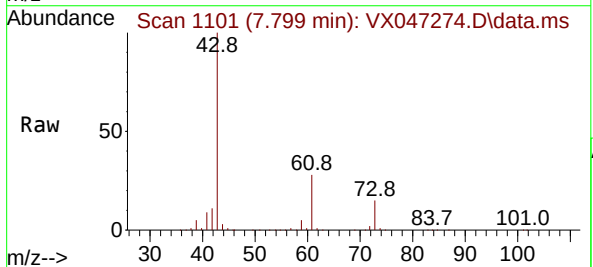
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

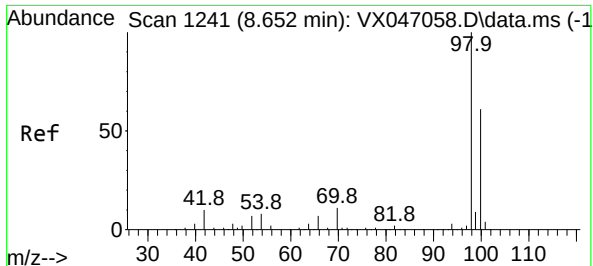
Tgt Ion: 83 Resp: 1931
Ion Ratio Lower Upper
83 100
85 48.5 49.9 74.9#
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 23.321 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 41 Resp: 82877
Ion Ratio Lower Upper
41 100
69 0.1 62.3 93.5#
39 55.5 44.8 67.2

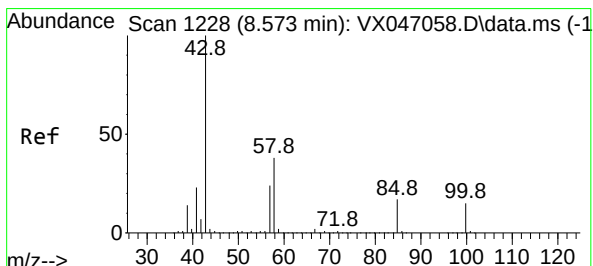
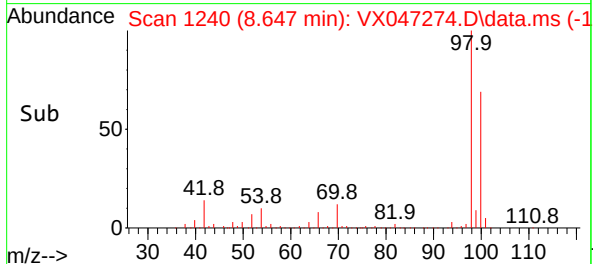
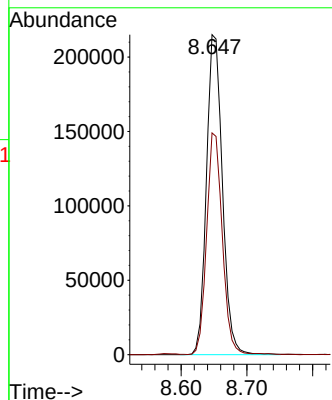
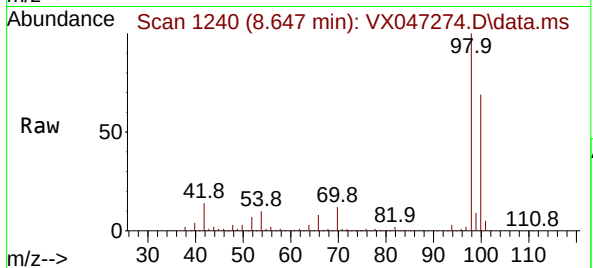




#50
Toluene-d8
Concen: 42.090 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

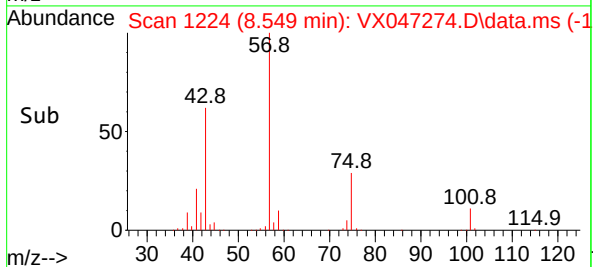
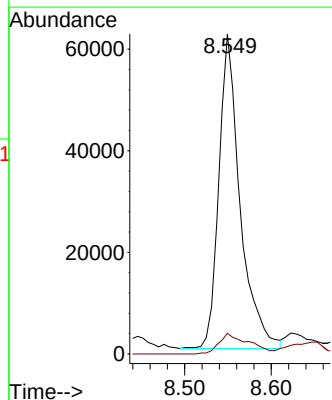
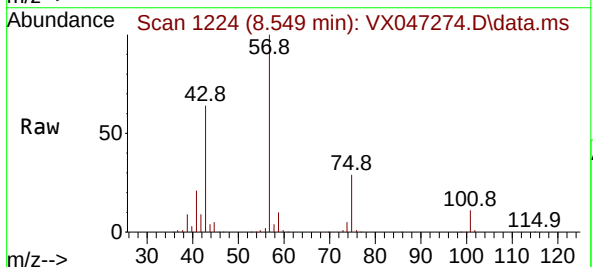
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

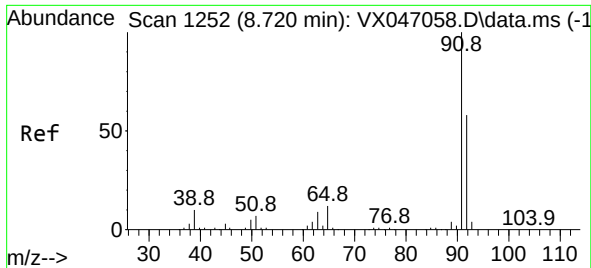
Tgt Ion: 98 Resp: 363132
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 27.207 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 43 Resp: 105492
Ion Ratio Lower Upper
43 100
58 9.3 30.6 45.8#

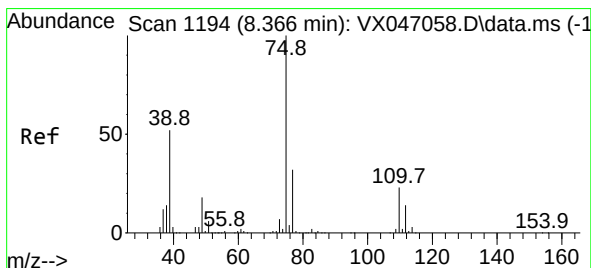
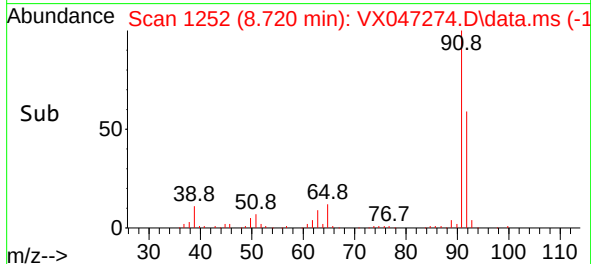
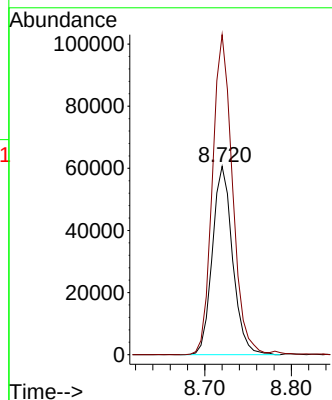
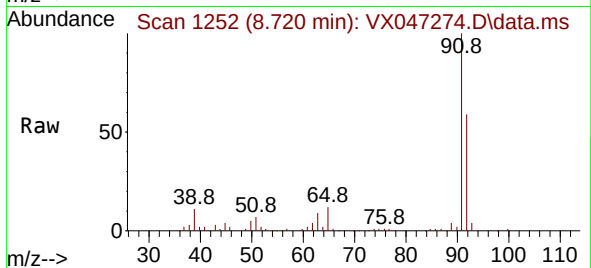




#52
Toluene
Concen: 12.182 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

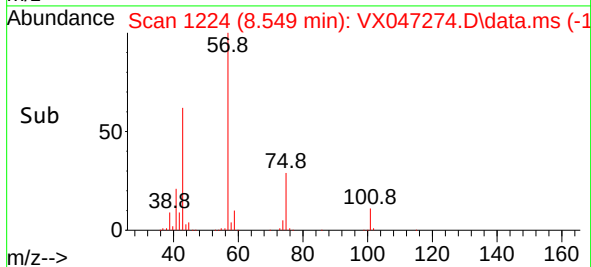
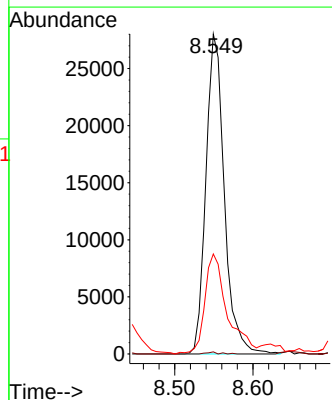
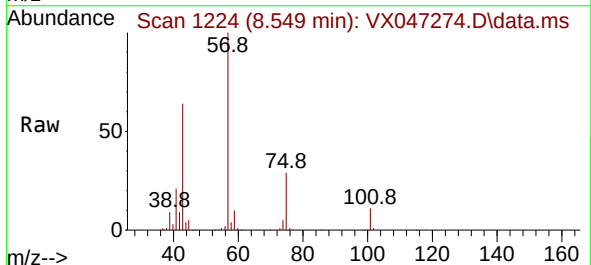
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

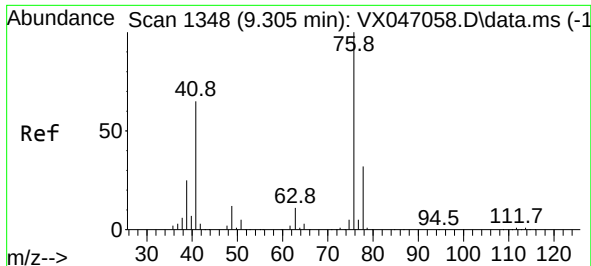
Tgt Ion: 92 Resp: 98437
Ion Ratio Lower Upper
92 100
91 168.5 137.9 206.9



#54
cis-1,3-Dichloropropene
Concen: 8.992 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 75 Resp: 45661
Ion Ratio Lower Upper
75 100
77 0.6 25.4 38.0#
39 28.6 41.8 62.6#





#57

1,3-Dichloropropane

Concen: 0.547 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

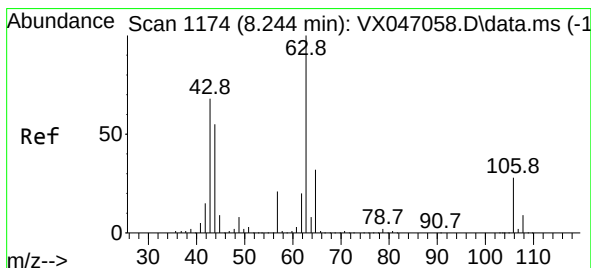
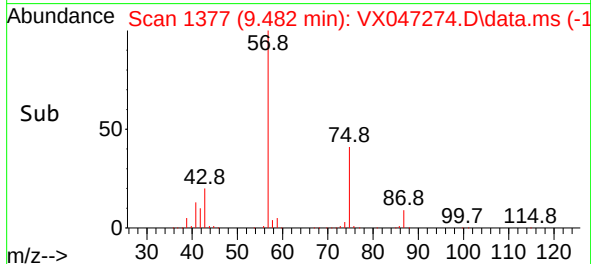
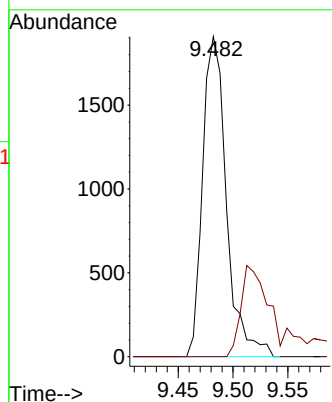
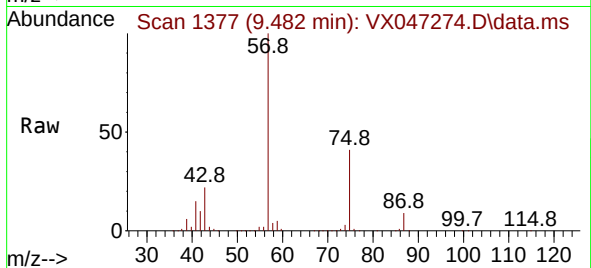
SLUDGE

Tgt Ion: 76 Resp: 2883

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 0.265 ug/l

RT: 8.440 min Scan# 1206

Delta R.T. 0.196 min

Lab File: VX047274.D

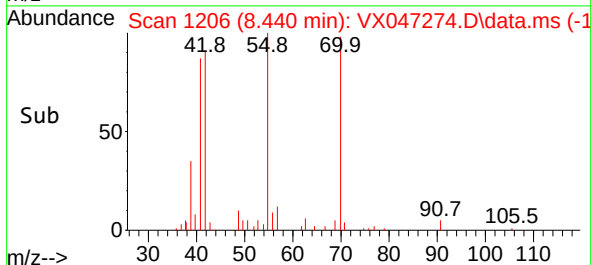
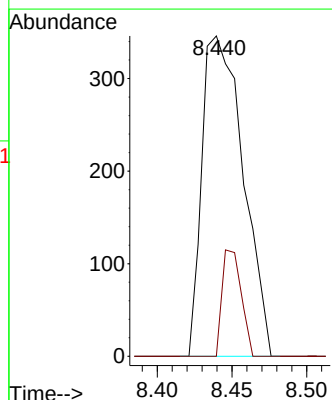
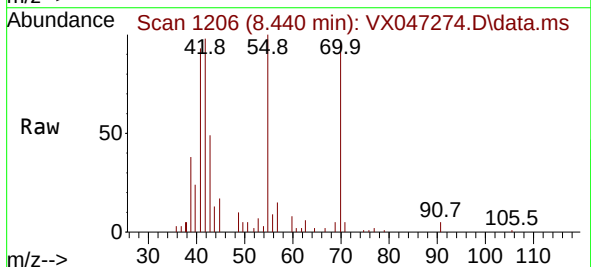
Acq: 08 Aug 2025 16:12

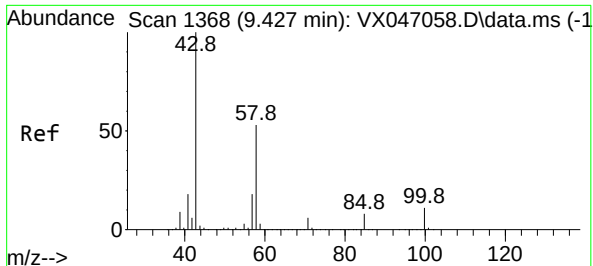
Tgt Ion: 63 Resp: 662

Ion Ratio Lower Upper

63 100

106 15.4 22.2 33.4#





#59

2-Hexanone

Concen: 334.205 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.092 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

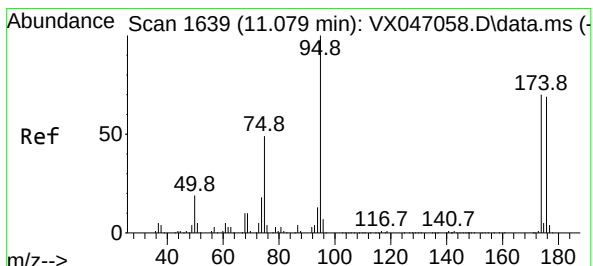
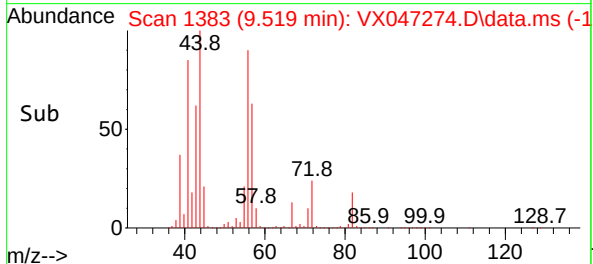
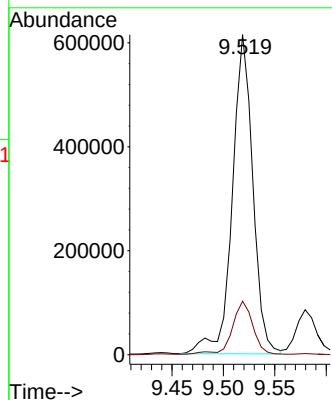
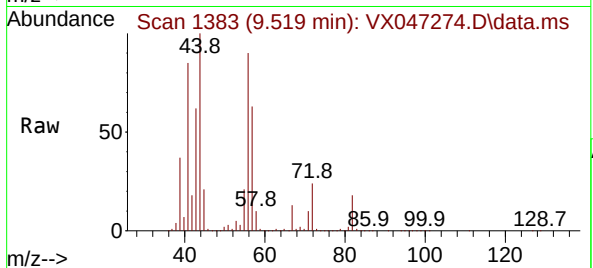
SLUDGE

Tgt Ion: 43 Resp: 856140

Ion Ratio Lower Upper

43 100

58 16.6 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 47.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

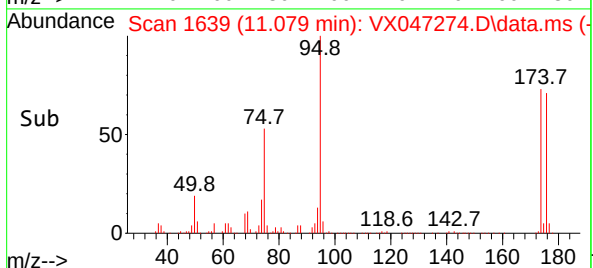
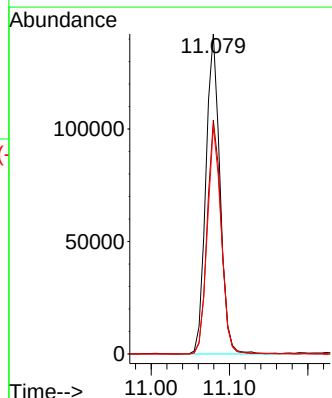
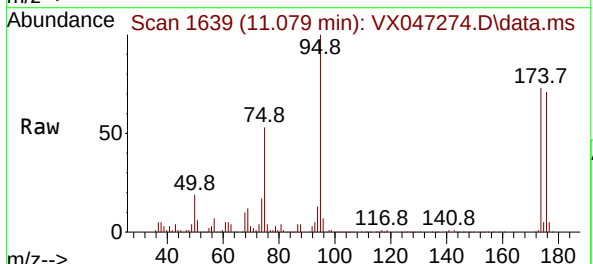
Tgt Ion: 95 Resp: 177040

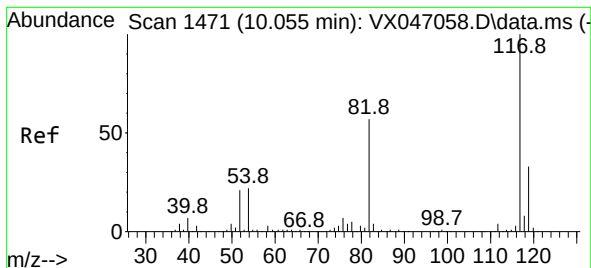
Ion Ratio Lower Upper

95 100

174 72.9 0.0 144.6

176 70.0 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

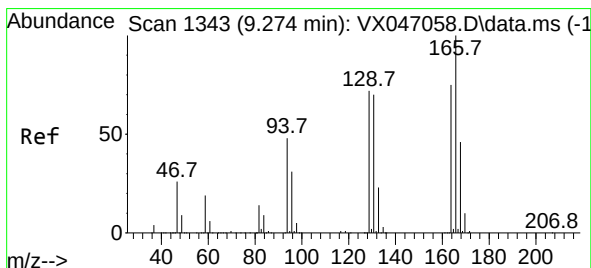
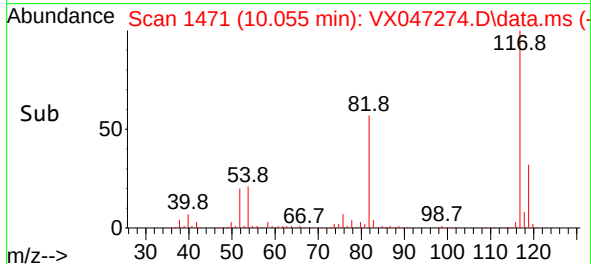
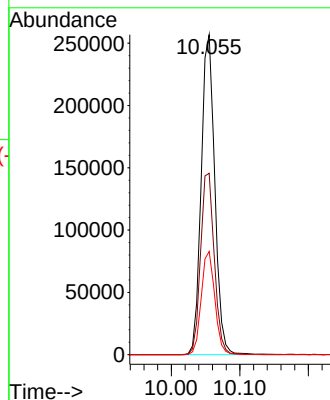
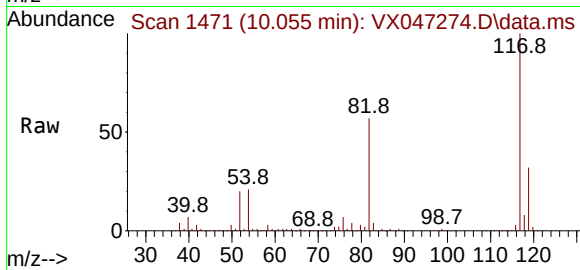
Tgt Ion:117 Resp: 355458

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.2

119 32.3 26.1 39.1



#64

Tetrachloroethene

Concen: 0.493 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Tgt Ion:164 Resp: 1263

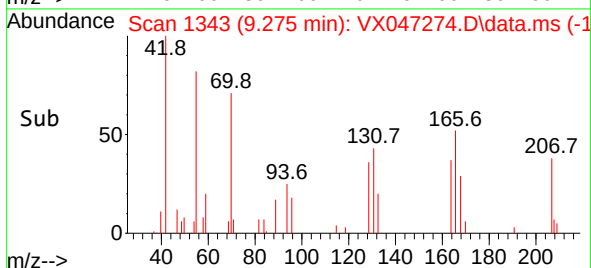
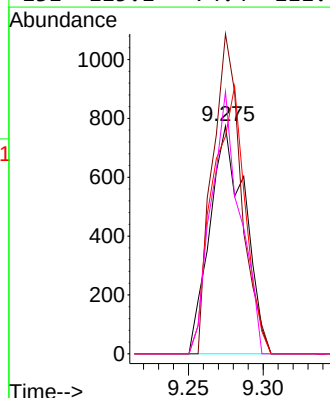
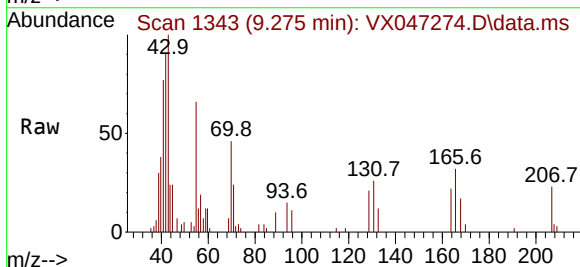
Ion Ratio Lower Upper

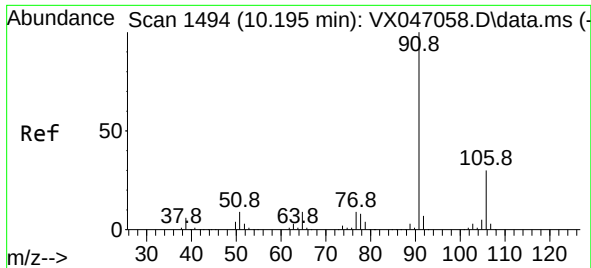
164 100

166 140.4 106.2 159.4

129 95.5 76.6 114.8

131 115.1 74.4 111.6#

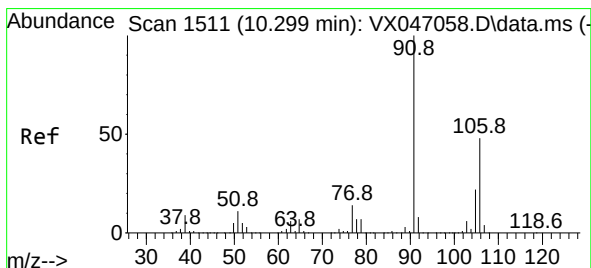
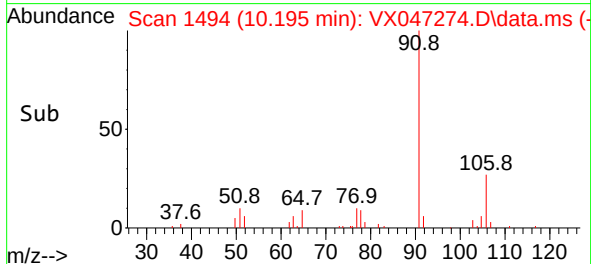
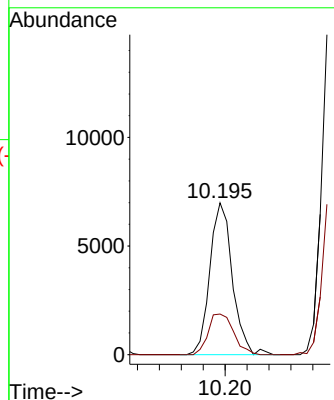
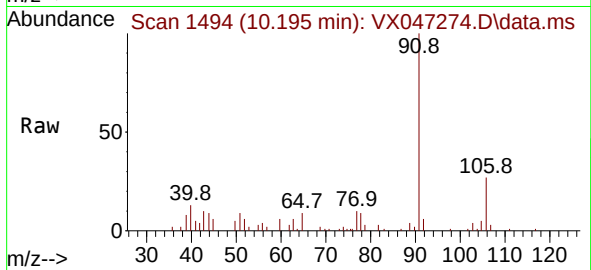




#67
Ethyl Benzene
Concen: 0.685 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

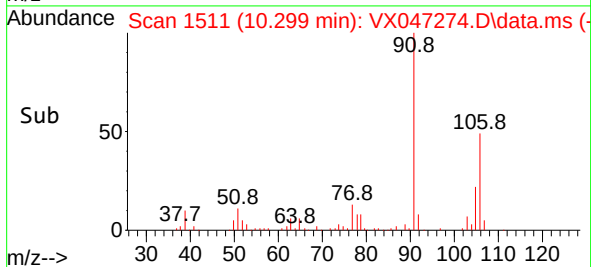
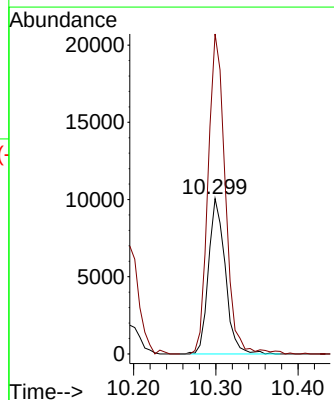
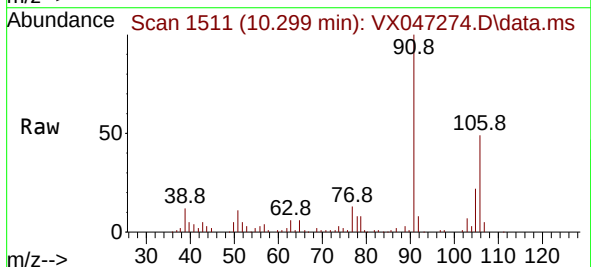
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

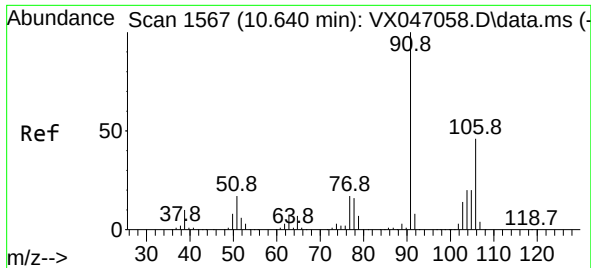
Tgt Ion: 91 Resp: 9972
Ion Ratio Lower Upper
91 100
106 26.7 24.2 36.4



#68
m/p-Xylenes
Concen: 2.609 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 106 Resp: 14216
Ion Ratio Lower Upper
106 100
91 211.8 167.4 251.0

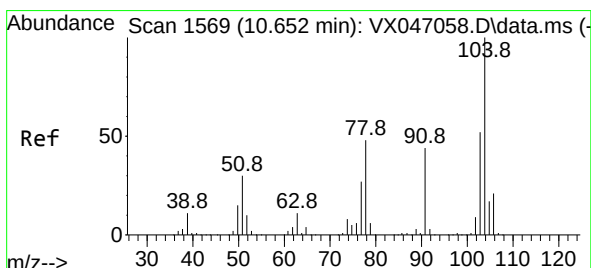
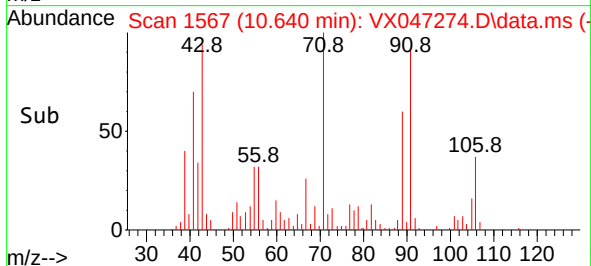
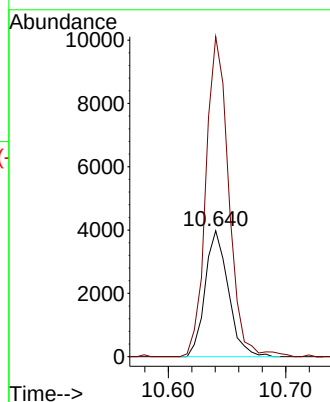
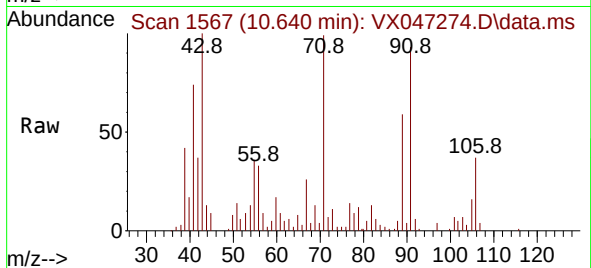




#69
o-Xylene
Concen: 1.052 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

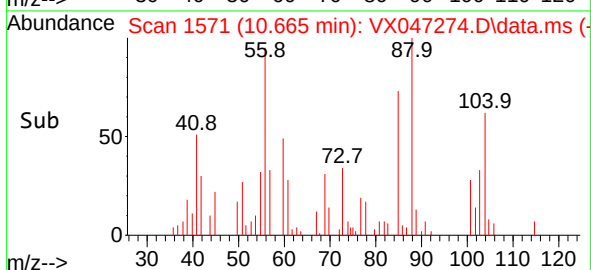
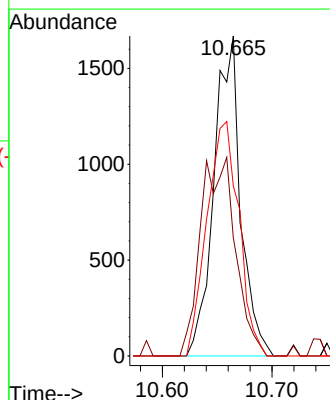
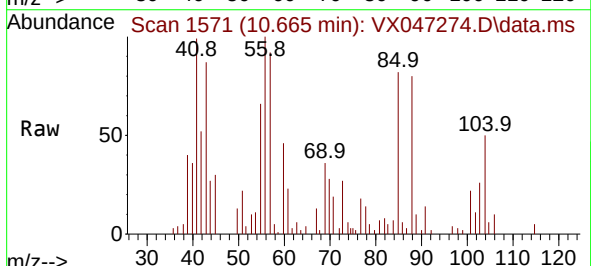
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

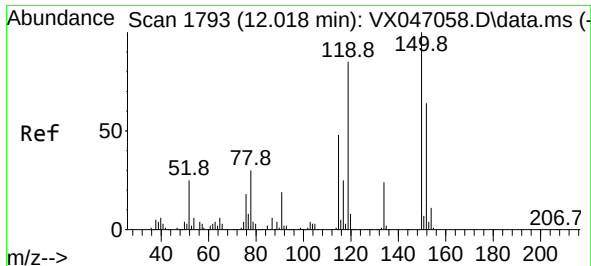
Tgt Ion:106 Resp: 5454
Ion Ratio Lower Upper
106 100
91 250.6 110.3 331.0



#70
Styrene
Concen: 0.317 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion:104 Resp: 2819
Ion Ratio Lower Upper
104 100
78 81.2 42.0 63.0#
103 88.0 43.8 65.6#

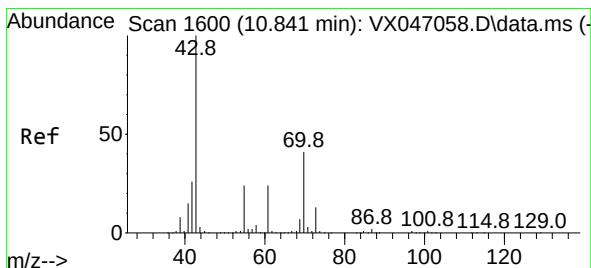
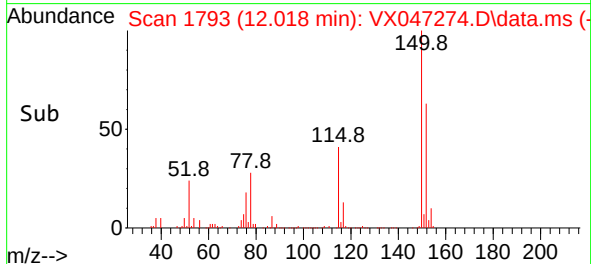
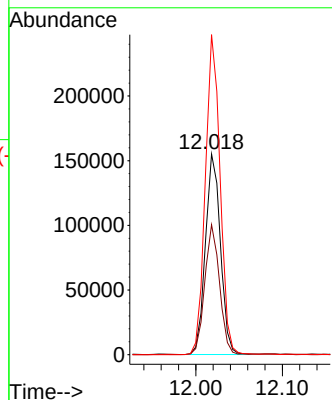
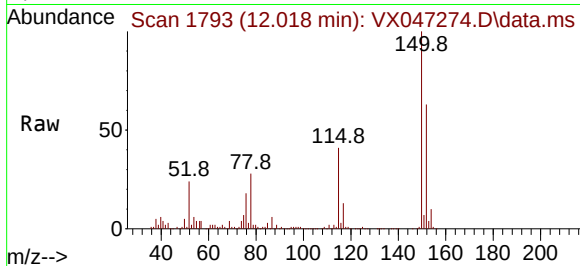




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

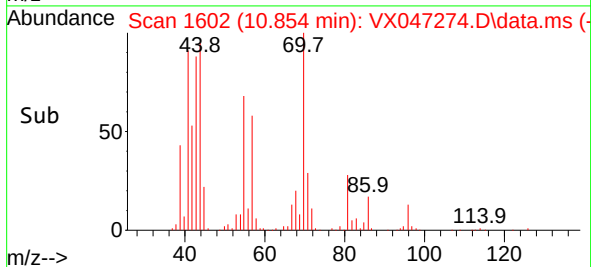
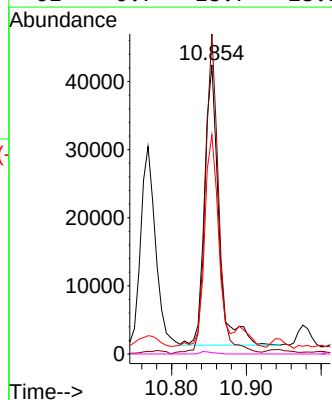
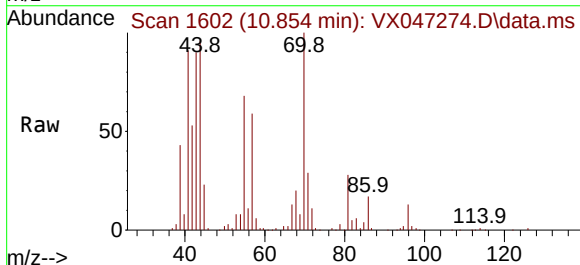
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

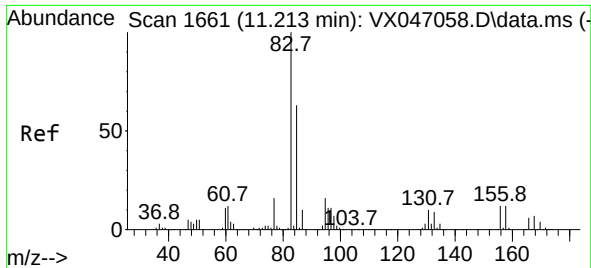
Tgt Ion:152 Resp: 187275
Ion Ratio Lower Upper
152 100
115 63.3 45.6 136.7
150 156.4 0.0 354.6



#74
N-ethyl acetate
Concen: 9.133 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 43 Resp: 54447
Ion Ratio Lower Upper
43 100
70 106.6 32.3 48.5#
55 73.9 18.9 28.3#
61 0.7 18.7 28.1#

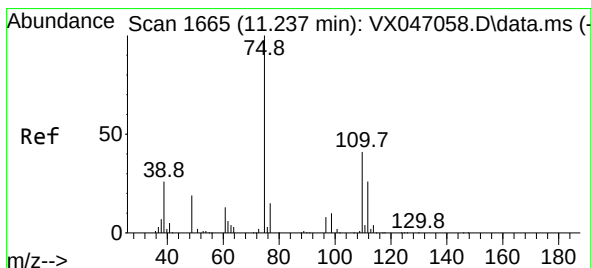
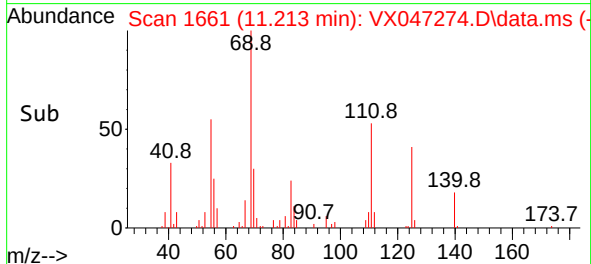
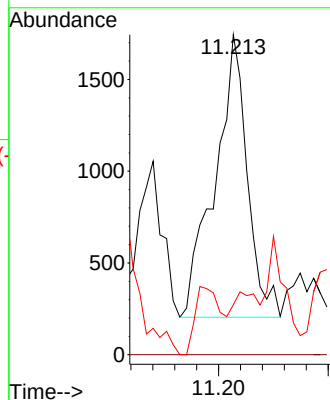
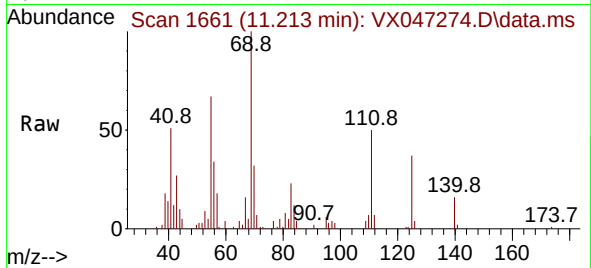




#75
1,1,2,2-Tetrachloroethane
Concen: 0.748 ug/l
RT: 11.213 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

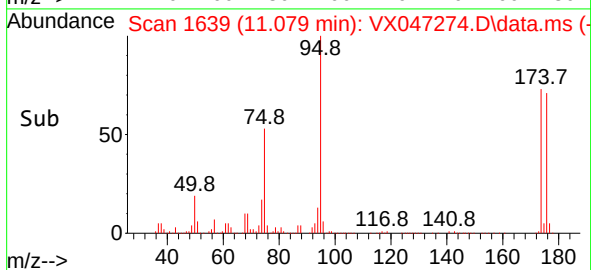
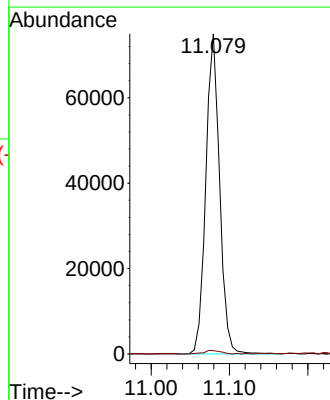
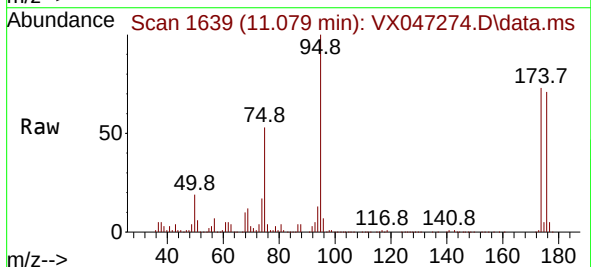
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

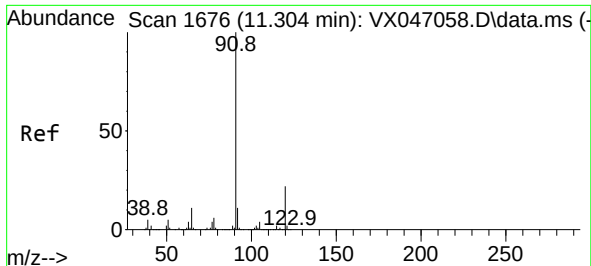
Tgt Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 26.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 75 Resp: 91316
Ion Ratio Lower Upper
75 100
77 1.4 21.6 65.0#

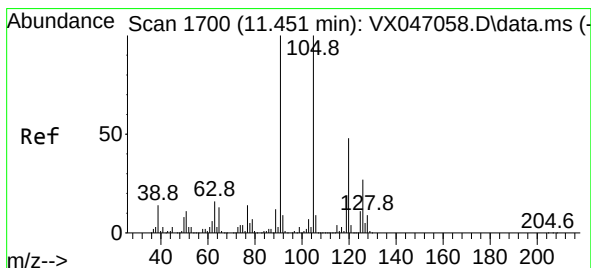
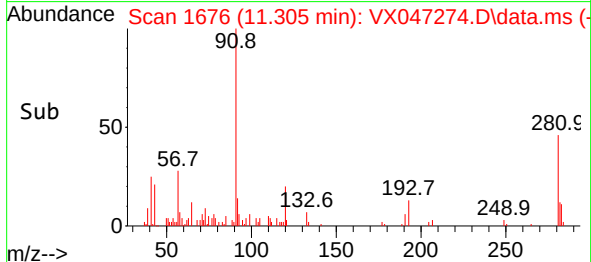
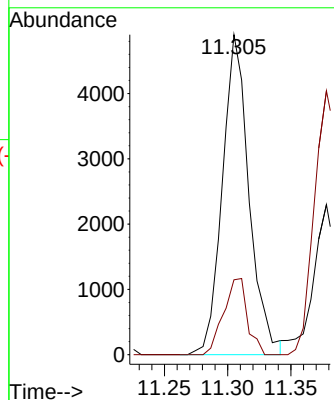
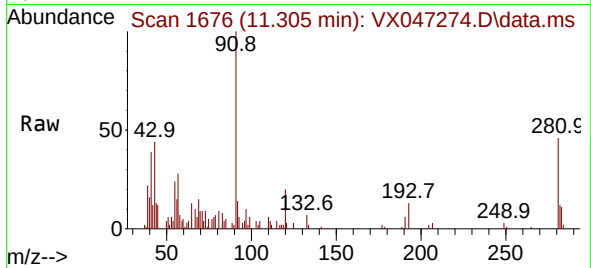




#78
n-propylbenzene
Concen: 0.408 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

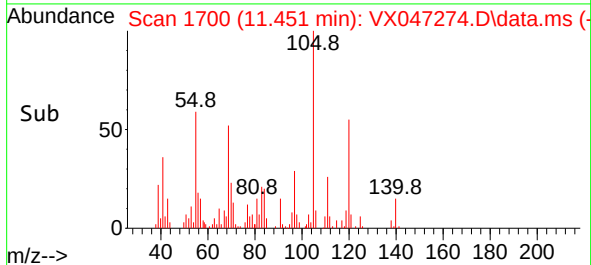
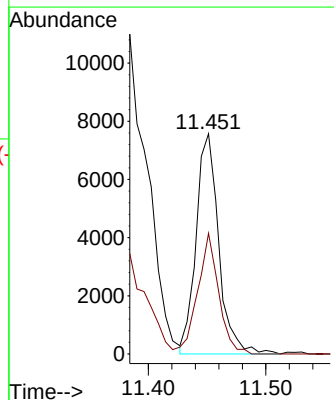
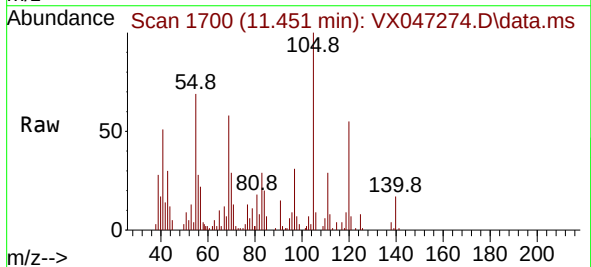
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

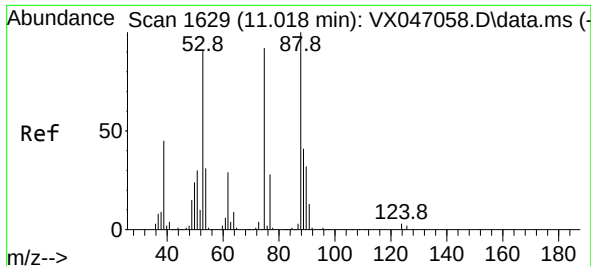
Tgt Ion: 91 Resp: 7197
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 0.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion: 105 Resp: 10144
Ion Ratio Lower Upper
105 100
120 51.0 23.8 71.5

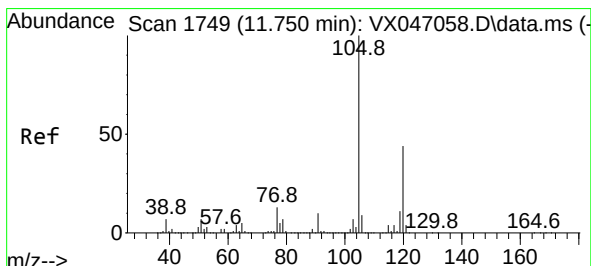
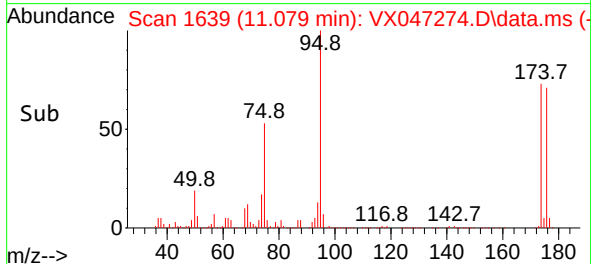
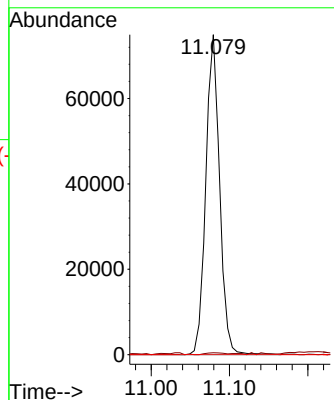
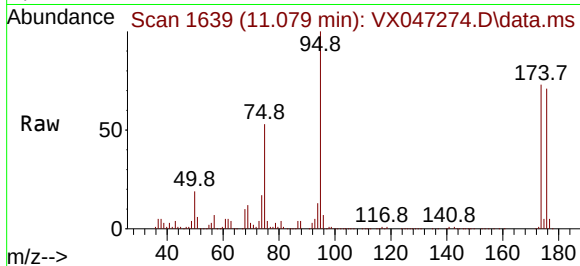




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.871 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

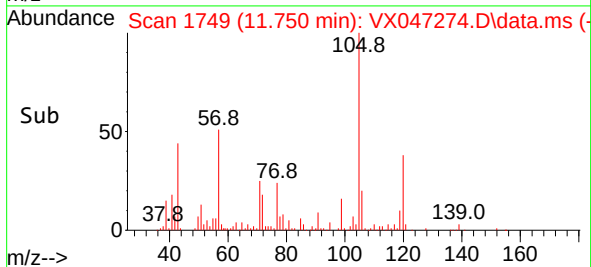
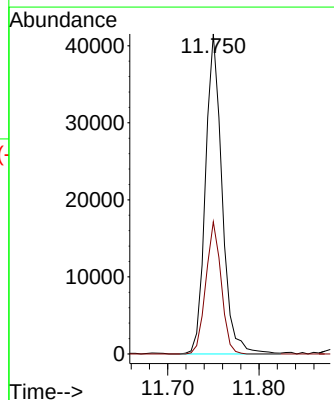
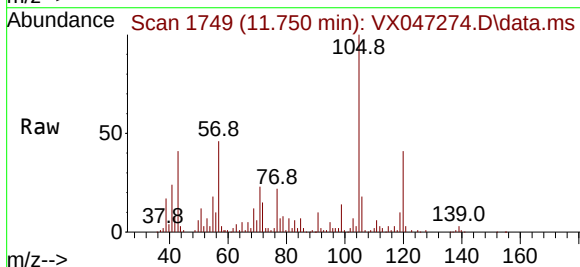
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

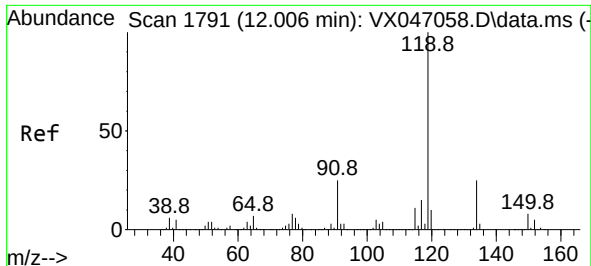
Tgt Ion: 75 Resp: 91316
 Ion Ratio Lower Upper
 75 100
 53 0.8 84.2 126.4#
 89 0.0 36.0 54.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.293 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

Tgt Ion:105 Resp: 52265
 Ion Ratio Lower Upper
 105 100
 120 38.1 22.0 66.0

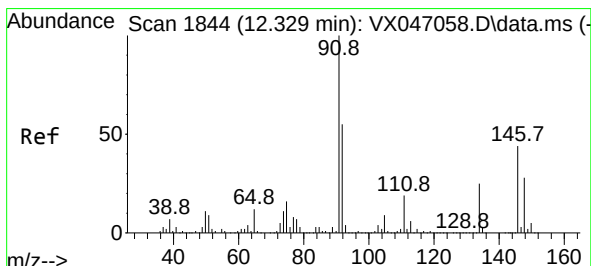
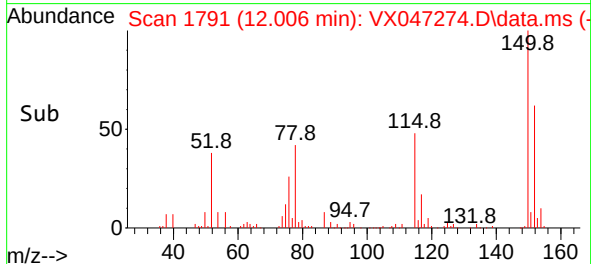
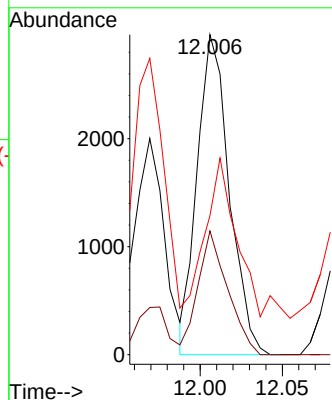
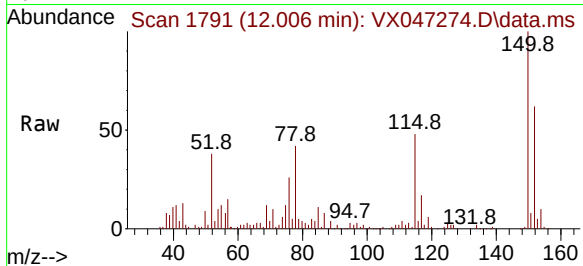




#86
 p-Isopropyltoluene
 Concen: 0.316 ug/l
 RT: 12.006 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

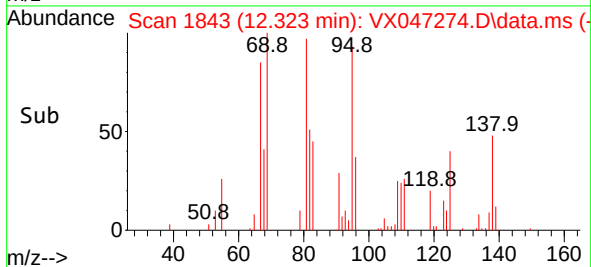
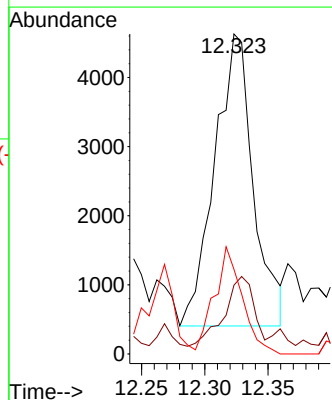
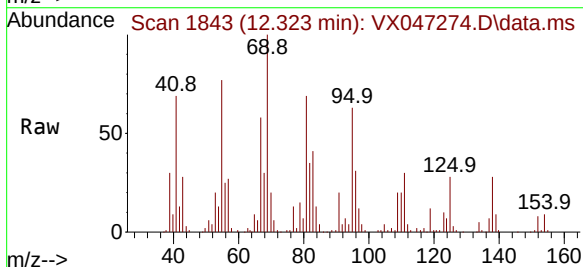
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

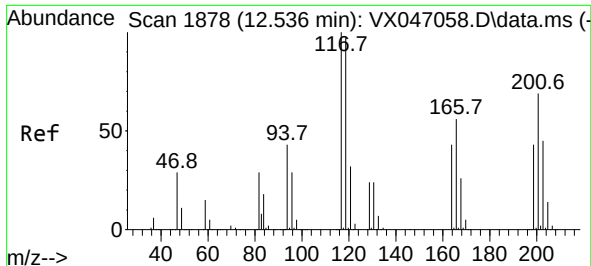
Tgt Ion:119 Resp: 4015
 Ion Ratio Lower Upper
 119 100
 134 35.9 12.8 38.4
 91 51.0 12.4 37.4#



#89
 n-Butylbenzene
 Concen: 0.755 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

Tgt Ion: 91 Resp: 8984
 Ion Ratio Lower Upper
 91 100
 92 18.8 27.5 82.5#
 134 26.5 12.8 38.3

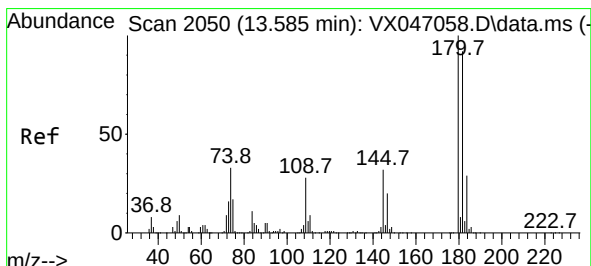
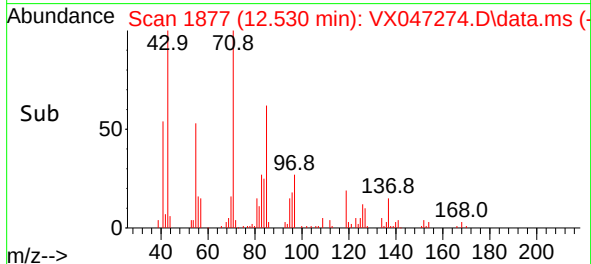
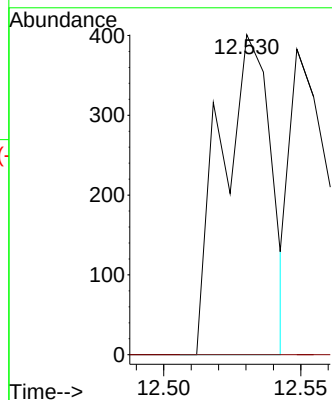
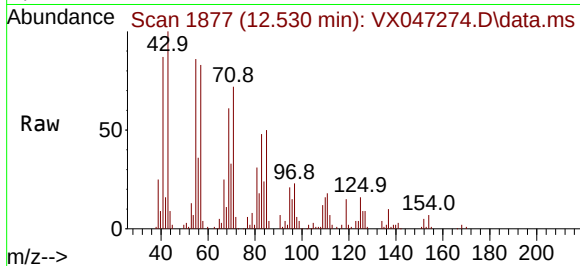




#90
Hexachloroethane
Concen: 0.226 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

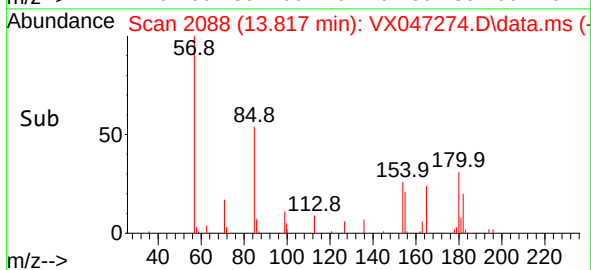
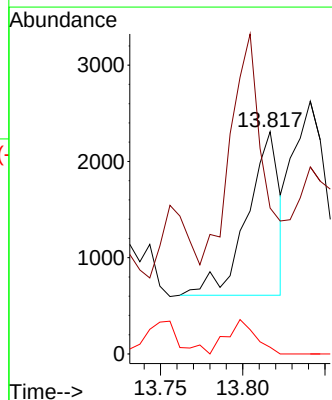
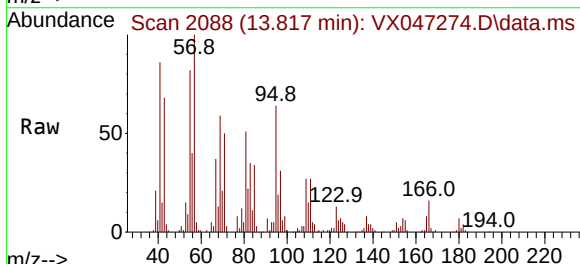
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

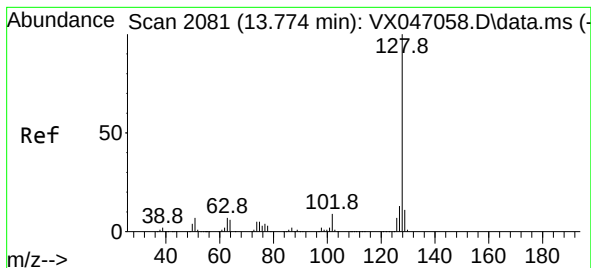
Tgt Ion:117 Resp: 513
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.543 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.232 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

Tgt Ion:180 Resp: 2308
Ion Ratio Lower Upper
180 100
182 135.9 47.3 141.8
145 18.4 16.4 49.1





#95

Naphthalene

Concen: 0.534 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

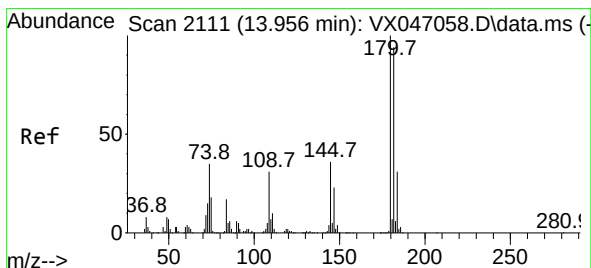
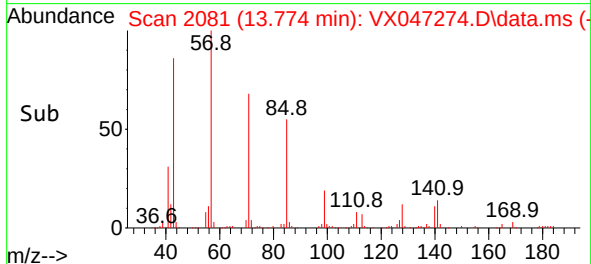
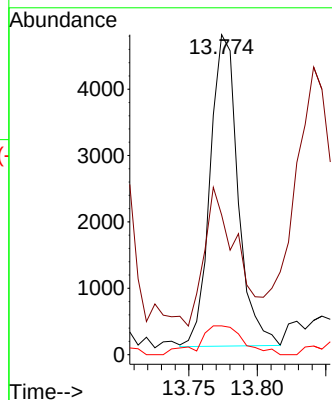
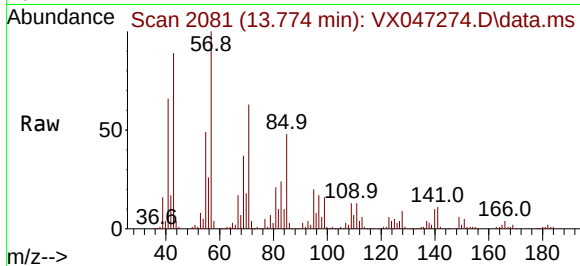
Tgt Ion:128 Resp: 6651

Ion Ratio Lower Upper

128 100

127 58.4 10.1 15.1#

129 14.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.630 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.013 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Tgt Ion:180 Resp: 2579

Ion Ratio Lower Upper

180 100

182 40.9 46.9 140.6#

145 16.3 17.3 52.0#

