

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047276.D
 Acq On : 08 Aug 2025 16:54
 Operator : JC/MD
 Sample : Q2791-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

Quant Time: Aug 11 02:04:21 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	5.562	168	282257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	474035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173779	49.425	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.397	113	157792	53.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.820%
50) Toluene-d8	8.647	98	433897	45.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.560%#
62) 4-Bromofluorobenzene	11.079	95	212723	52.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	469	0.217	ug/l #	80
6) Chloroethane	1.703	64	1403	0.536	ug/l #	87
10) Methyl Iodide	2.471	142	13400	3.671	ug/l	99
11) Tert butyl alcohol	2.971	59	853	Below Cal	#	94
13) Acrolein	2.264	56	9283	12.262	ug/l	96
16) Acetone	2.416	43	52288	37.122	ug/l #	77
17) Carbon Disulfide	2.526	76	8523	0.831	ug/l #	91
18) Methyl Acetate	2.727	43	20334	5.432	ug/l	95
20) Methylene Chloride	2.806	84	33381	8.614	ug/l	97
25) 2-Butanone	4.599	43	26738	13.037	ug/l	100
28) Bromochloromethane	5.105	49	36181	11.472	ug/l #	15
30) Chloroform	5.105	83	466058	66.789	ug/l	97
31) Cyclohexane	5.568	56	7077	1.077	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	23858	4.782	ug/l #	50
37) Ethyl Acetate	4.757	43	14769	3.213	ug/l #	92
38) Carbon Tetrachloride	5.562	117	28891	5.426	ug/l #	16
40) Benzene	6.043	78	2972	0.206	ug/l #	76
43) Isopropyl Acetate	6.367	43	15499	2.163	ug/l #	80
47) Bromodichloromethane	7.824	83	1683	0.312	ug/l #	87
48) Methyl methacrylate	7.805	41	75196	19.260	ug/l #	48
49) 1,4-Dioxane	7.781	88	46	1.036	ug/l #	20
51) 4-Methyl-2-Pentanone	8.549	43	92119	21.625	ug/l #	52
52) Toluene	8.720	92	92907	10.465	ug/l	99
54) cis-1,3-Dichloropropene	8.549	75	41674	7.470	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	2721	0.470	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.445	63	724	0.264	ug/l #	77
59) 2-Hexanone	9.518	43	777470	276.243	ug/l #	48
64) Tetrachloroethene	9.275	164	1267	0.446	ug/l	89
67) Ethyl Benzene	10.195	91	9181	0.569	ug/l	89
68) m/p-Xylenes	10.299	106	13753	2.278	ug/l	100
69) o-Xylene	10.640	106	5483	0.955	ug/l	95
70) Styrene	10.658	104	2378	0.241	ug/l #	40
74) N-amyl acetate	10.854	43	45766	6.795	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	2939	0.616	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	109243	27.895	ug/l #	35
78) n-propylbenzene	11.305	91	6699	0.336	ug/l	98

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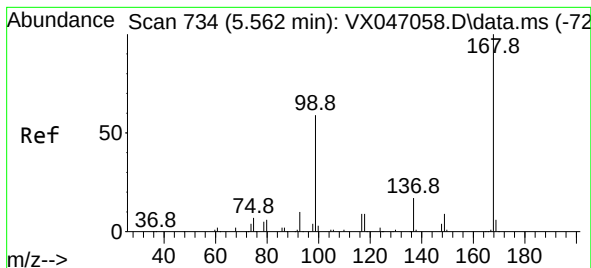
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.451	105	9902	0.718	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	109243	71.868	ug/l #	8
82) 4-Chlorotoluene	11.609	91	2956	0.212	ug/l	77
83) tert-Butylbenzene	11.750	119	5289	0.382	ug/l #	20
84) 1,2,4-Trimethylbenzene	11.750	105	49704	3.613	ug/l	91
86) p-Isopropyltoluene	12.006	119	3545	0.247	ug/l #	57
89) n-Butylbenzene	12.329	91	9327	0.693	ug/l #	70
95) Naphthalene	13.774	128	5326	0.378	ug/l #	28
96) 1,2,3-Trichlorobenzene	13.975	180	3280	0.709	ug/l #	58

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047276.D

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MSVOA_X

ClientSampleId :

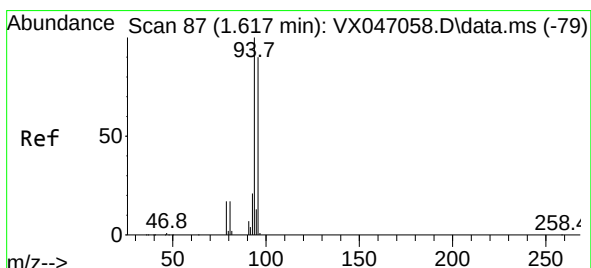
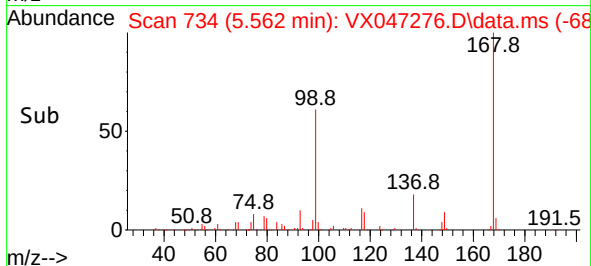
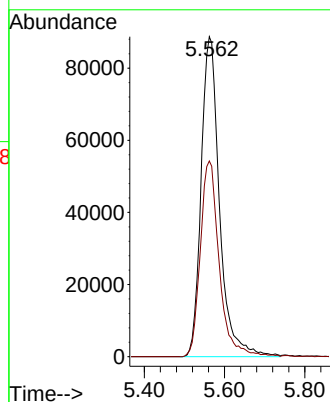
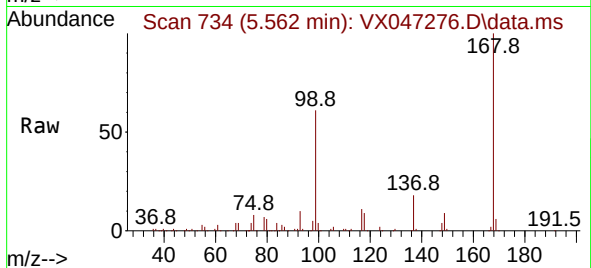
SLUDGE

Tgt Ion:168 Resp: 282257

Ion Ratio Lower Upper

168 100

99 61.1 48.0 72.0



#5

Bromomethane

Concen: 0.217 ug/l

RT: 1.642 min Scan# 91

Delta R.T. 0.025 min

Lab File: VX047276.D

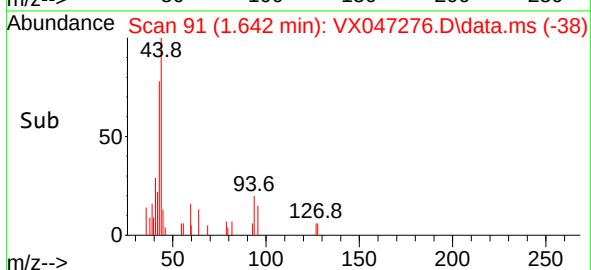
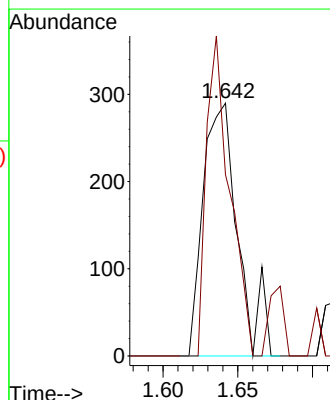
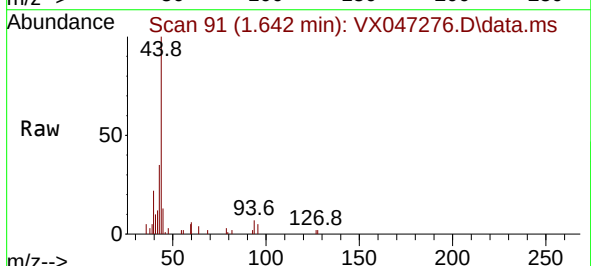
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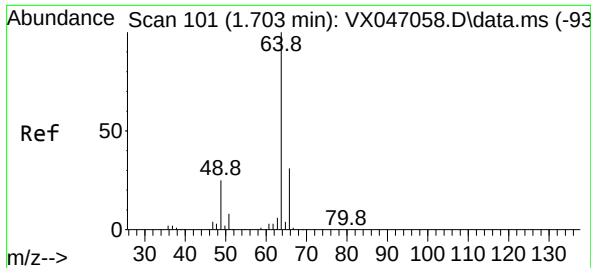
Tgt Ion: 94 Resp: 469

Ion Ratio Lower Upper

94 100

96 71.7 72.3 108.5#

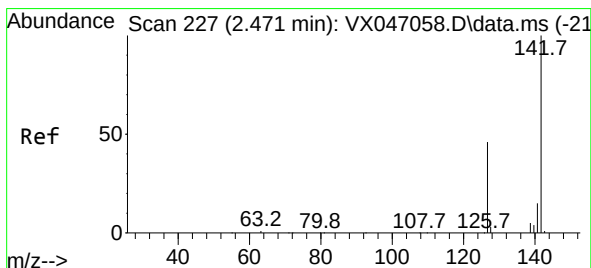
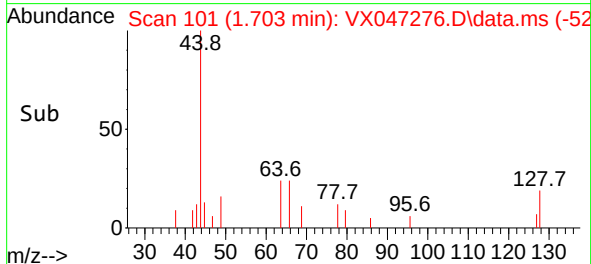
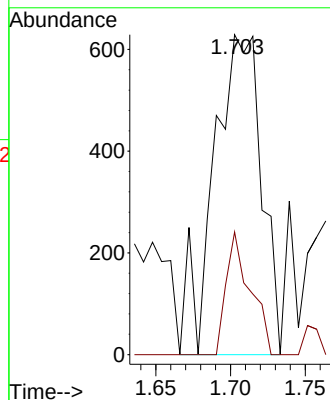
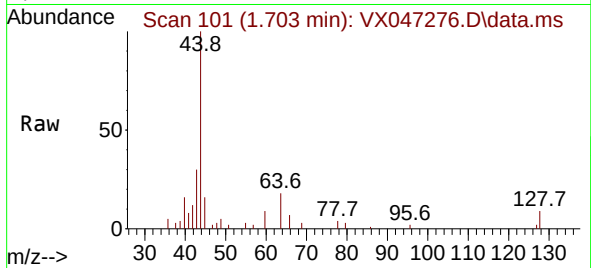




#6
Chloroethane
Concen: 0.536 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

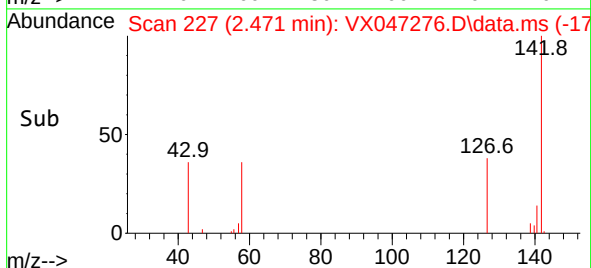
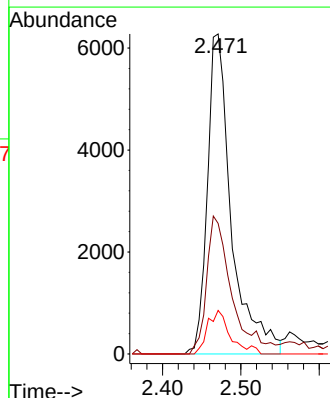
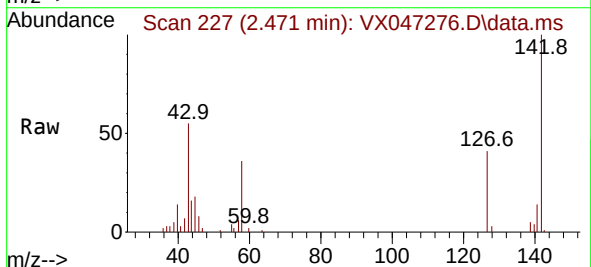
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

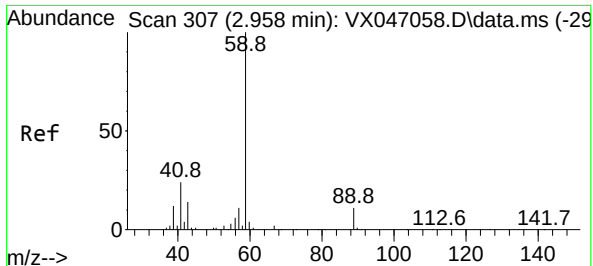
Tgt Ion: 64 Resp: 1403
Ion Ratio Lower Upper
64 100
66 38.3 25.0 37.6#



#10
Methyl Iodide
Concen: 3.671 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion:142 Resp: 13400
Ion Ratio Lower Upper
142 100
127 45.1 36.6 54.8
141 12.8 10.9 16.3

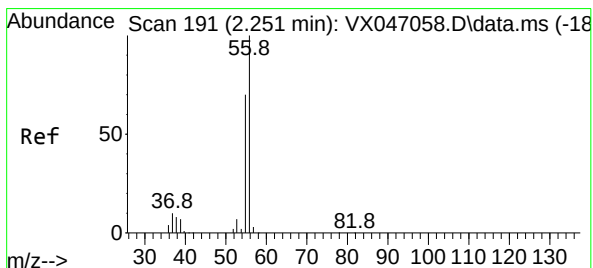
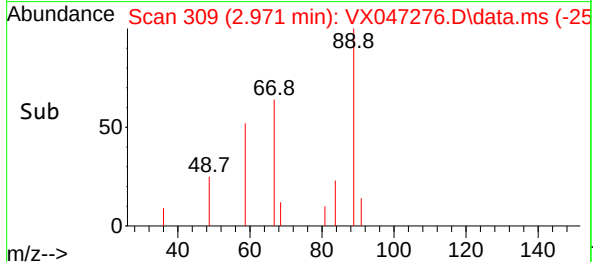
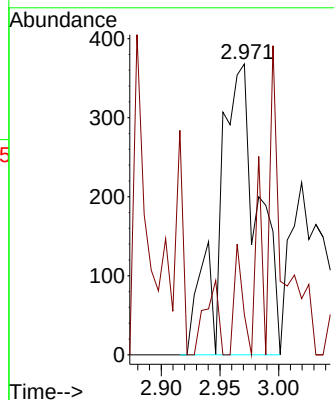
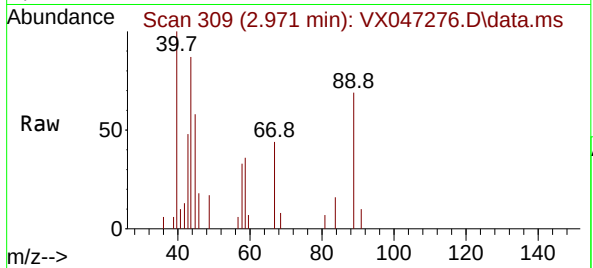




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 307
Delta R.T. 0.013 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

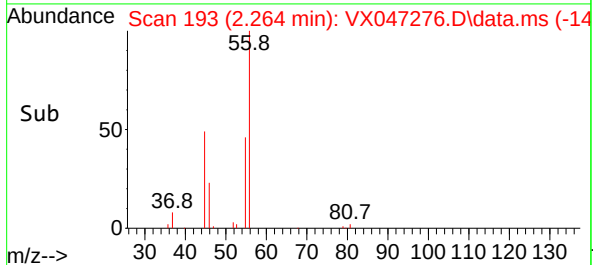
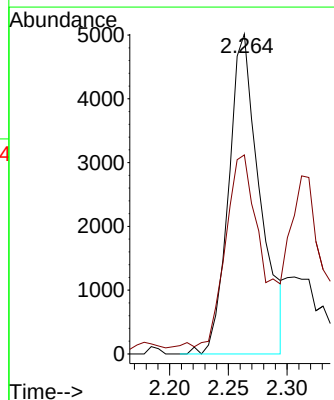
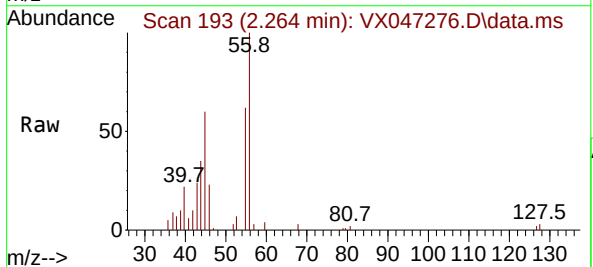
Instrument :
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ClientSampleId :
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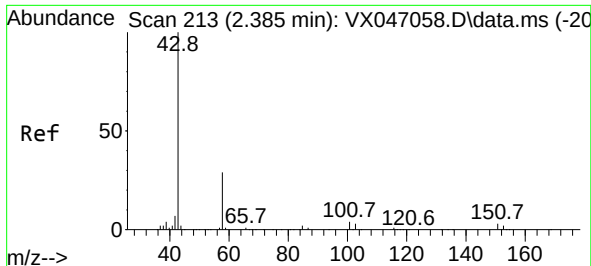
Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 8.2 8.5 12.7#



#13
Acrolein
Concen: 12.262 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.012 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 56 Resp: 9283
Ion Ratio Lower Upper
56 100
55 72.5 55.7 83.5

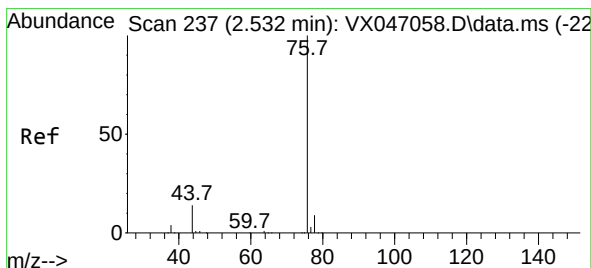
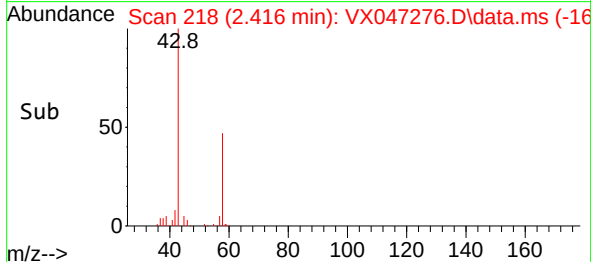
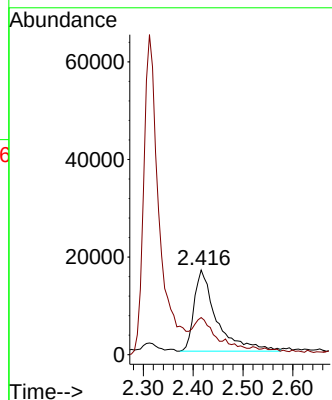
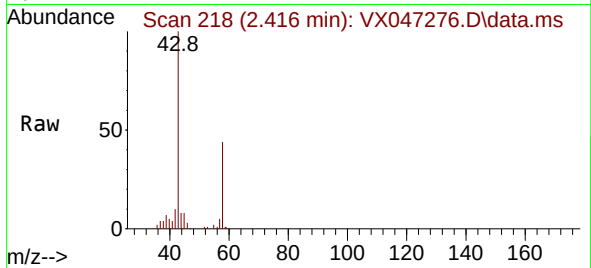




#16
Acetone
Concen: 37.122 ug/l
RT: 2.416 min Scan# 213
Delta R.T. 0.031 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

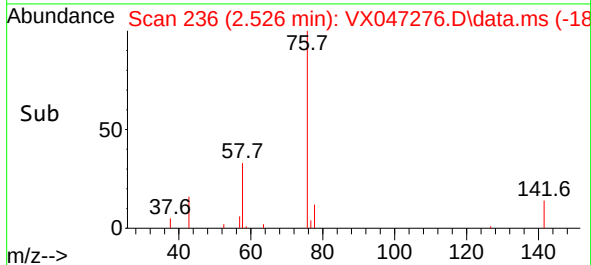
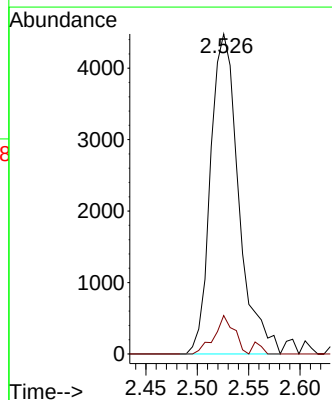
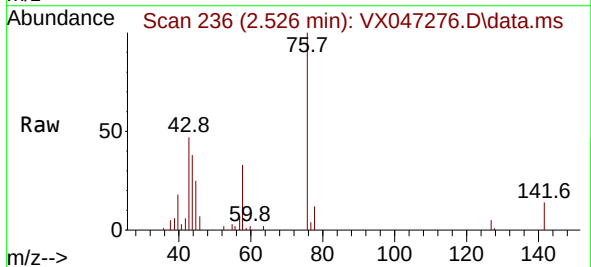
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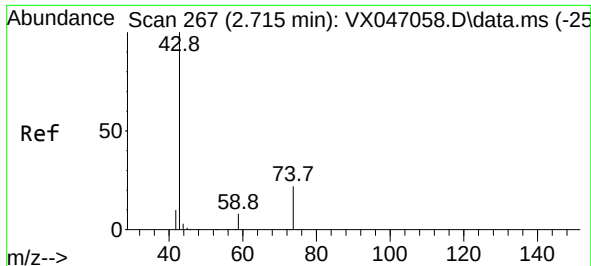
Tgt Ion: 43 Resp: 52288
Ion Ratio Lower Upper
43 100
58 42.3 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.831 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 76 Resp: 8523
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.4#

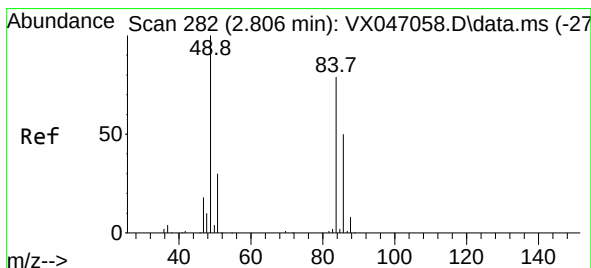
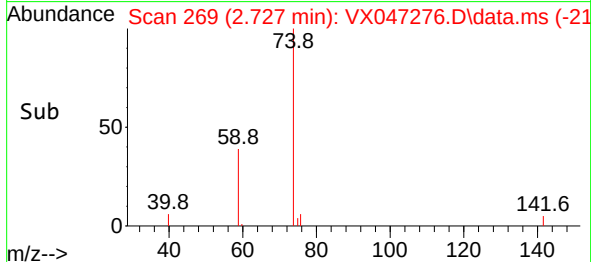
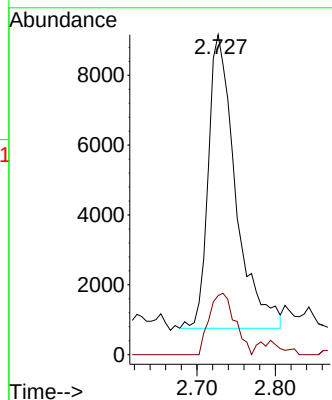
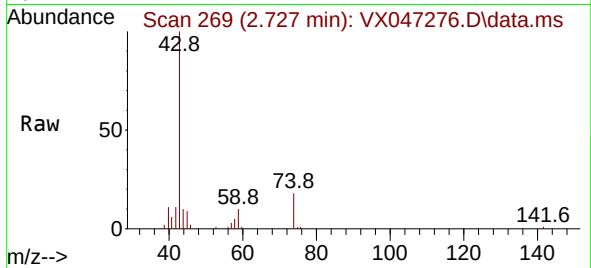




#18
Methyl Acetate
Concen: 5.432 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

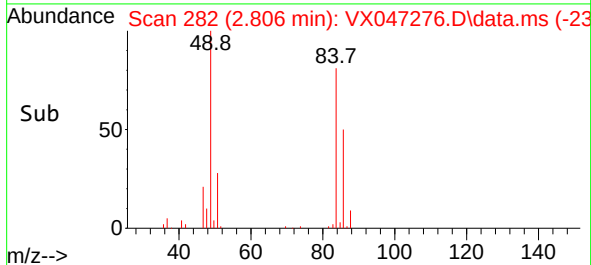
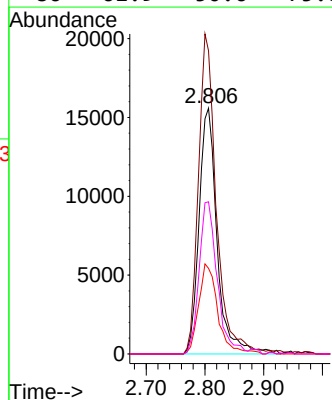
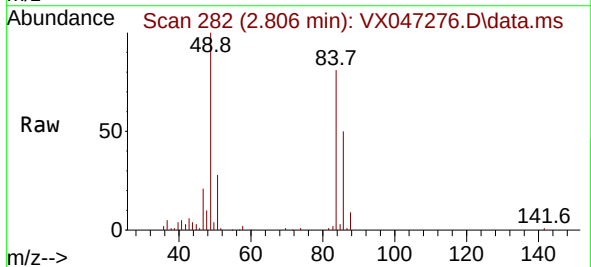
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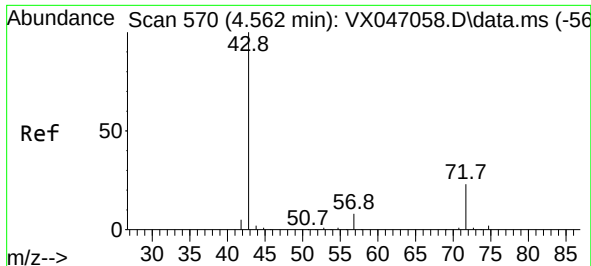
Tgt Ion: 43 Resp: 20334
Ion Ratio Lower Upper
43 100
74 19.6 17.7 26.5



#20
Methylene Chloride
Concen: 8.614 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 84 Resp: 33381
Ion Ratio Lower Upper
84 100
49 123.4 101.6 152.4
51 35.6 30.3 45.5
86 61.9 50.6 75.8





#25

2-Butanone

Concen: 13.037 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

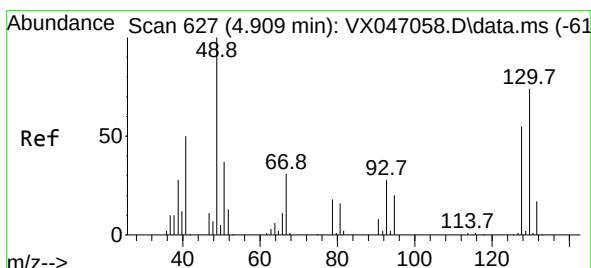
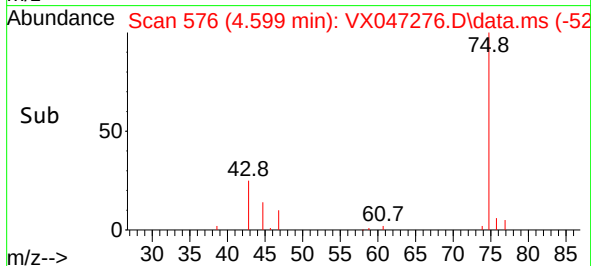
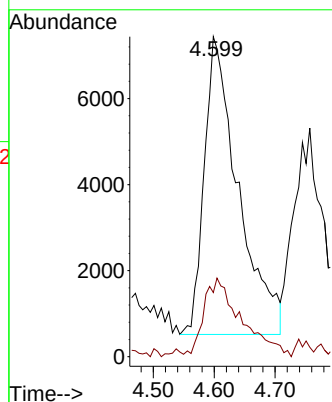
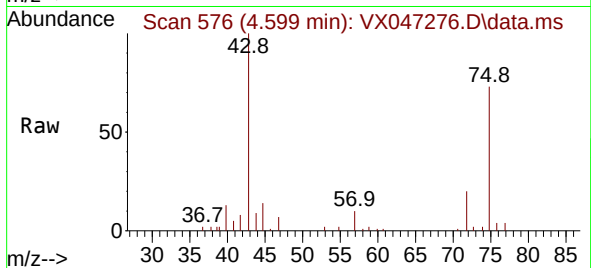
SLUDGE

Tgt Ion: 43 Resp: 26738

Ion Ratio Lower Upper

43 100

72 23.6 18.8 28.2



#28

Bromochloromethane

Concen: 11.472 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.195 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

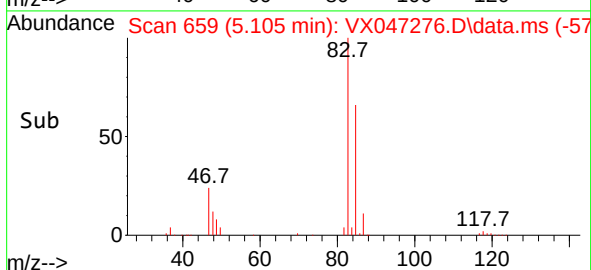
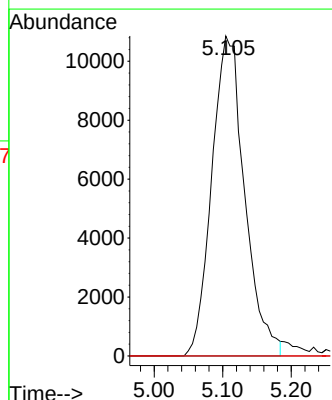
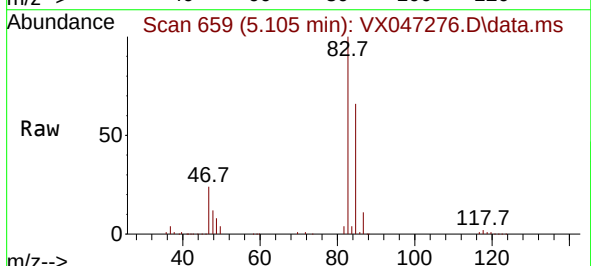
Tgt Ion: 49 Resp: 36181

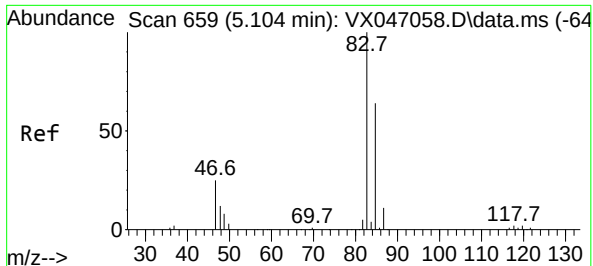
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.0 88.4#





#30

Chloroform

Concen: 66.789 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

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ClientSampleId :

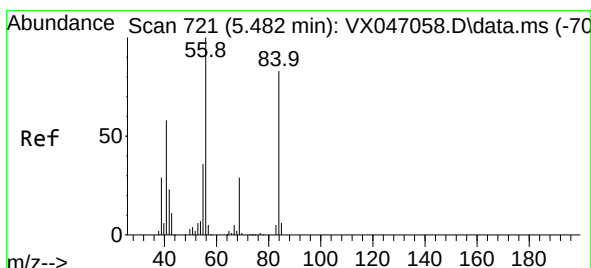
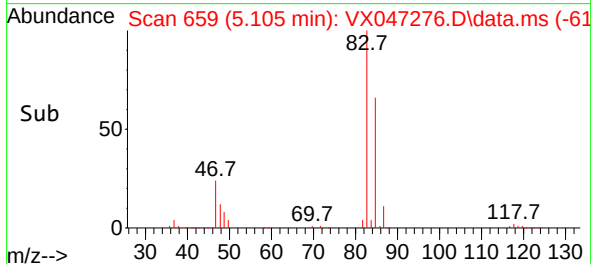
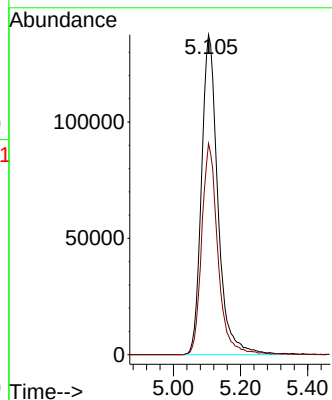
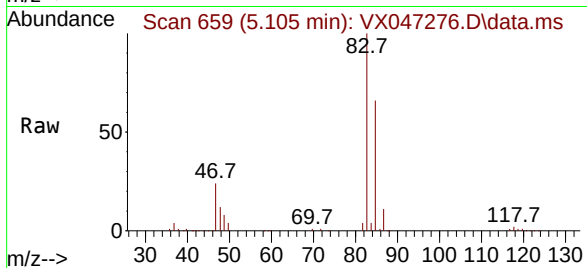
SLUDGE

Tgt Ion: 83 Resp: 466058

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.086 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

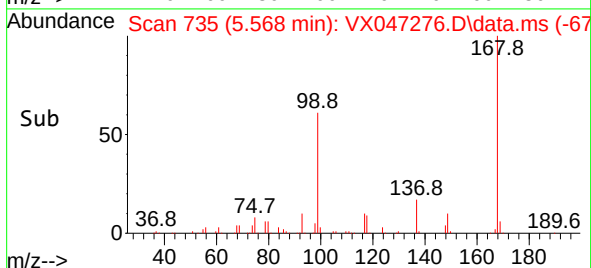
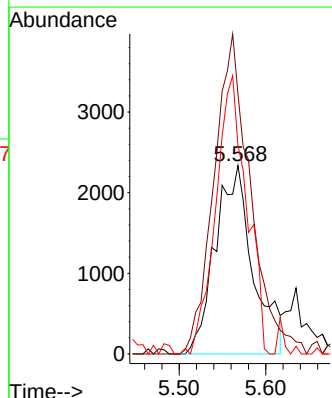
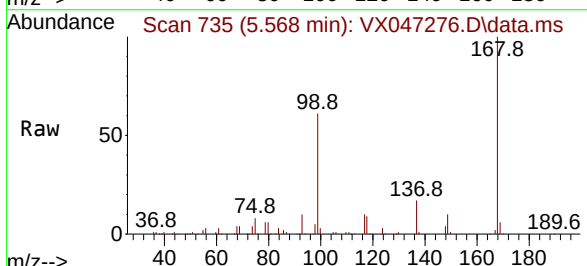
Tgt Ion: 56 Resp: 7077

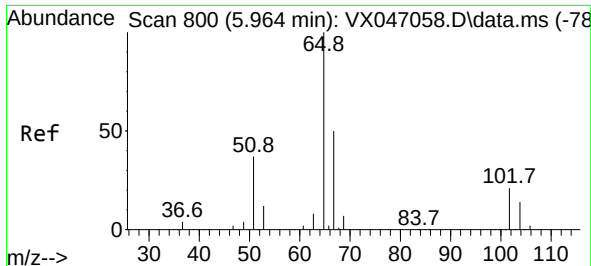
Ion Ratio Lower Upper

56 100

69 137.9 23.3 34.9#

84 106.7 66.5 99.7#

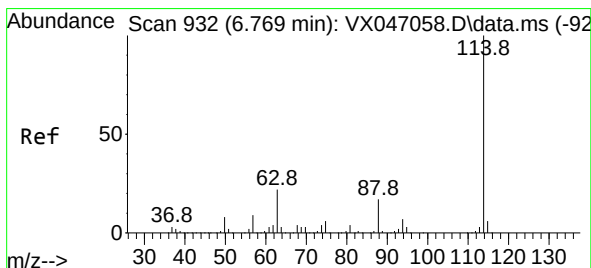
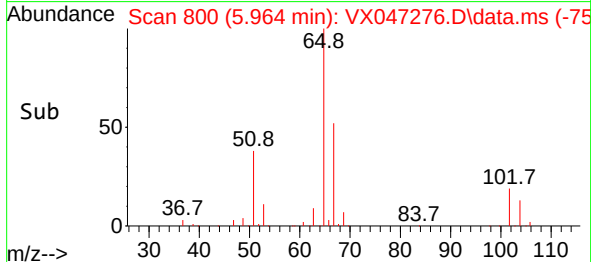
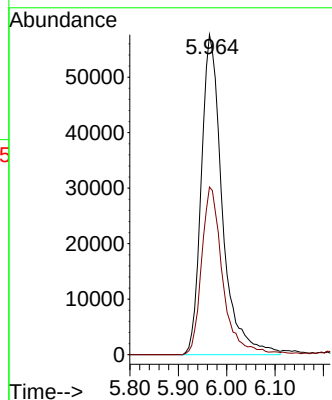
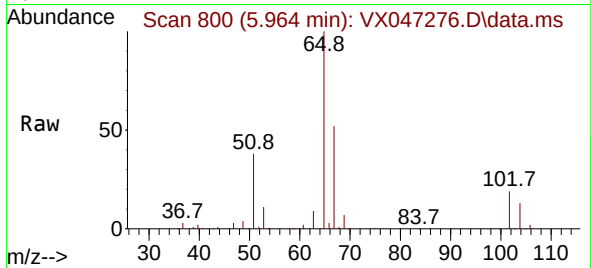




#33
 1,2-Dichloroethane-d4
 Concen: 49.425 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047276.D
 Acq: 08 Aug 2025 16:54

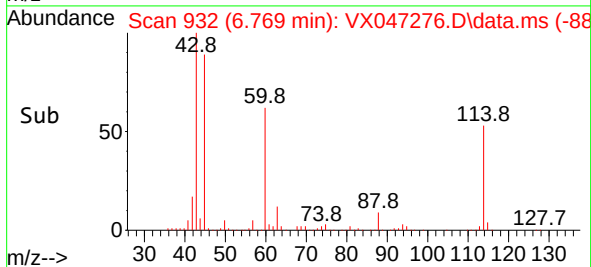
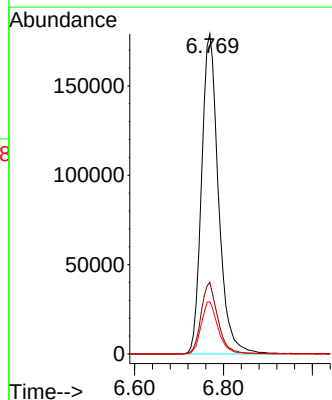
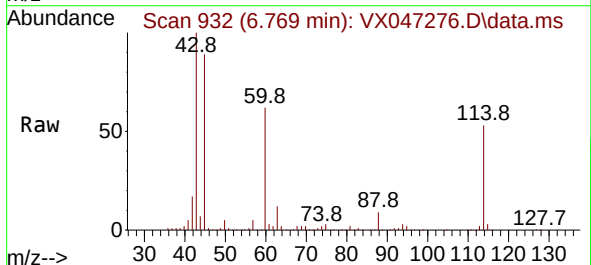
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

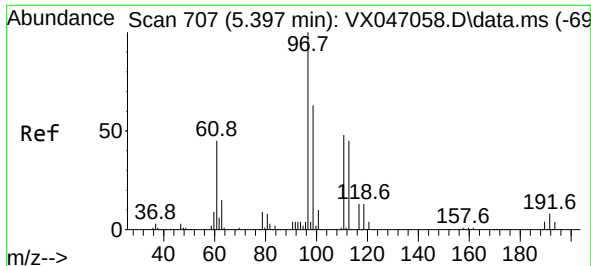
Tgt Ion: 65 Resp: 173779
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047276.D
 Acq: 08 Aug 2025 16:54

Tgt Ion: 114 Resp: 474035
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.3 0.0 33.8

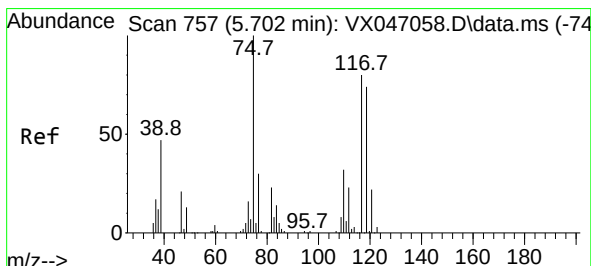
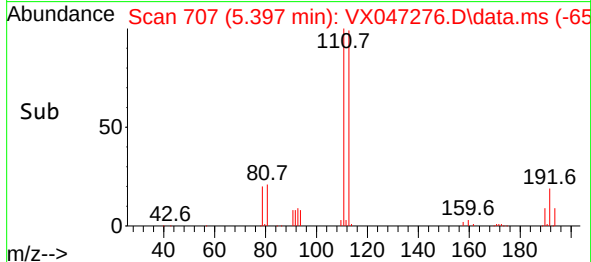
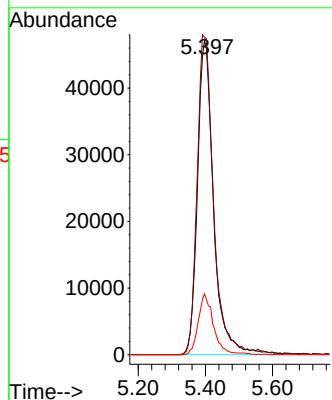
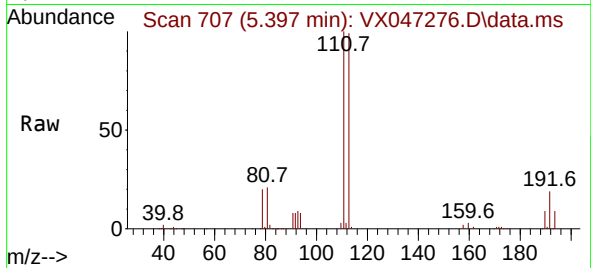




#35
Dibromofluoromethane
Concen: 53.912 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

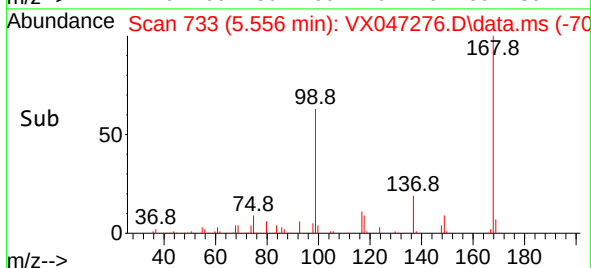
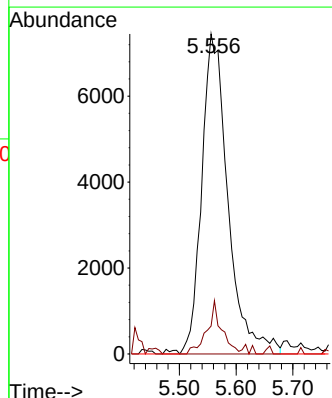
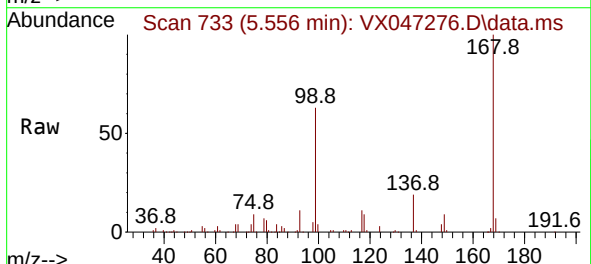
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

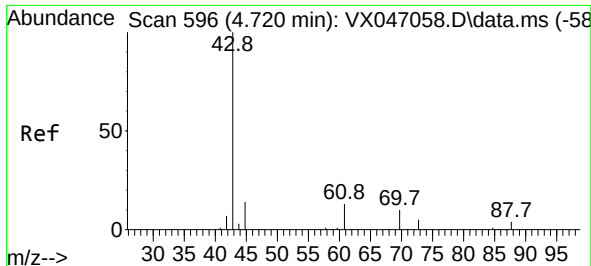
Tgt Ion:113 Resp: 157792
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 75 Resp: 23858
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 25.1 37.7#

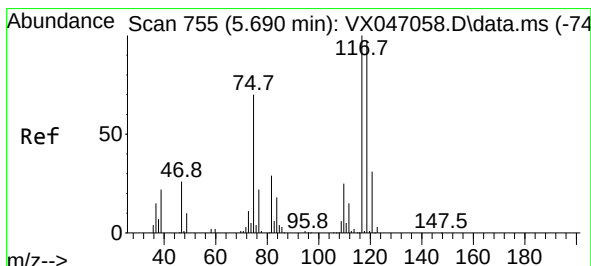
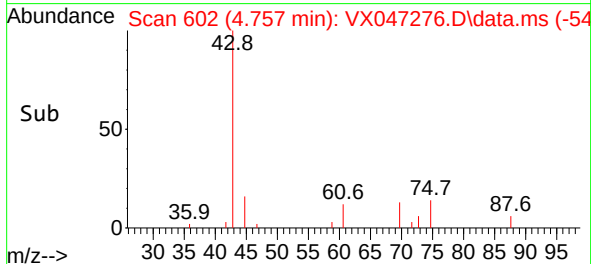
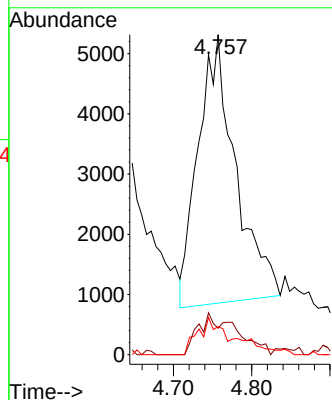
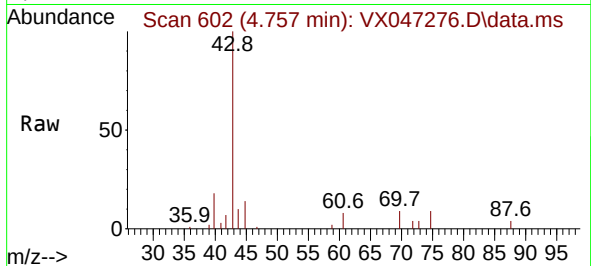




#37
Ethyl Acetate
Concen: 3.213 ug/l
RT: 4.757 min Scan# 60
Delta R.T. 0.037 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

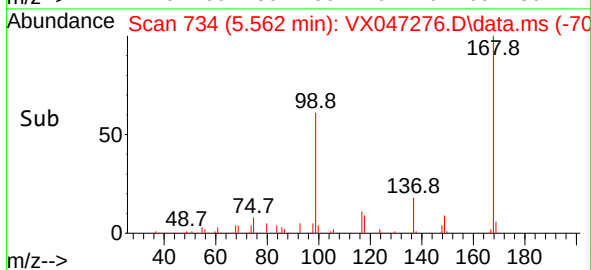
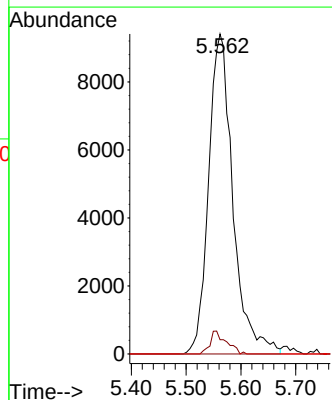
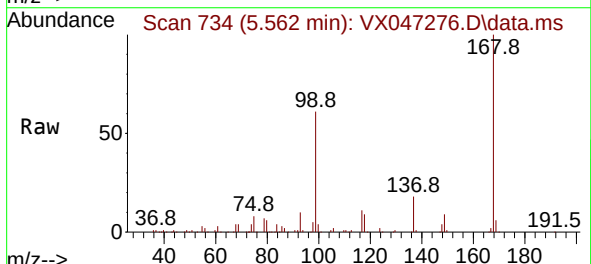
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

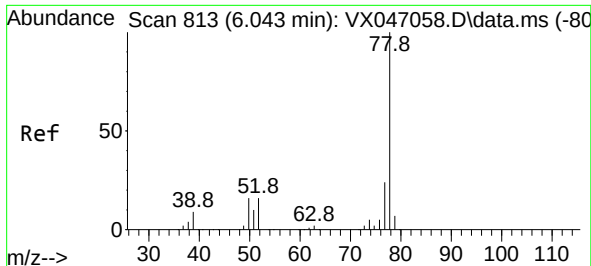
Tgt Ion: 43 Resp: 14769
Ion Ratio Lower Upper
43 100
61 7.8 10.2 15.2#
70 9.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 117 Resp: 28891
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.4 36.6#

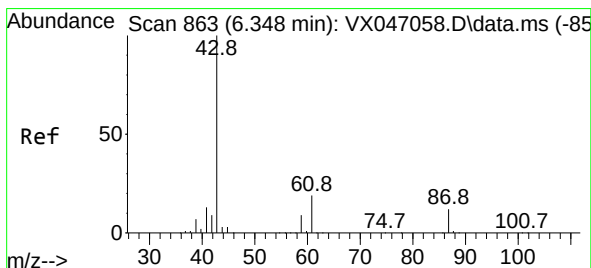
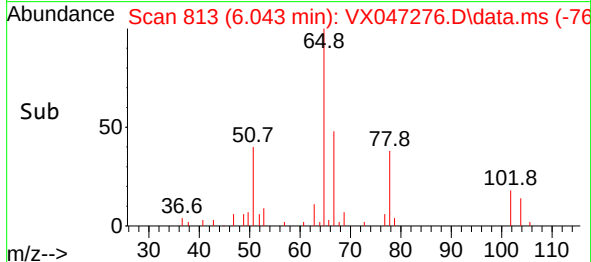
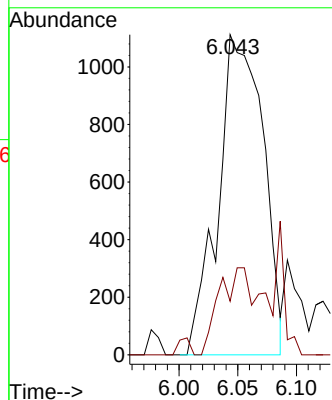
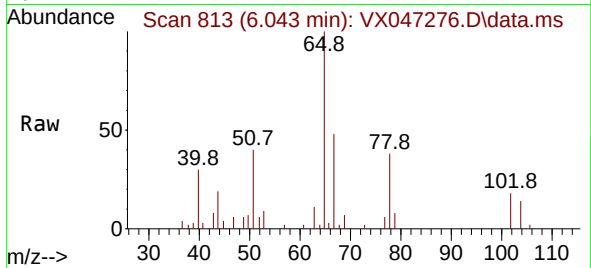




#40
Benzene
Concen: 0.206 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

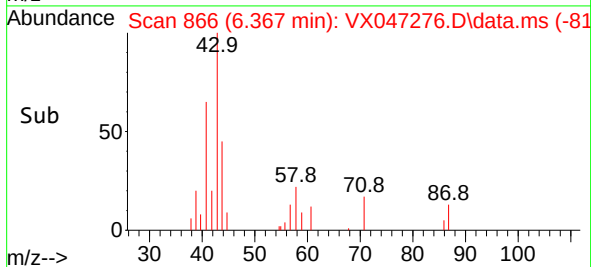
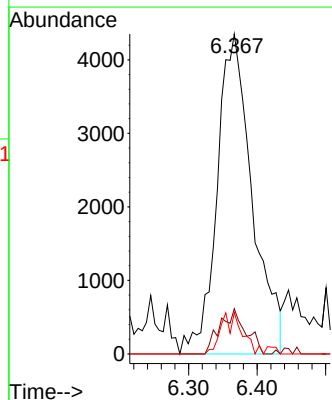
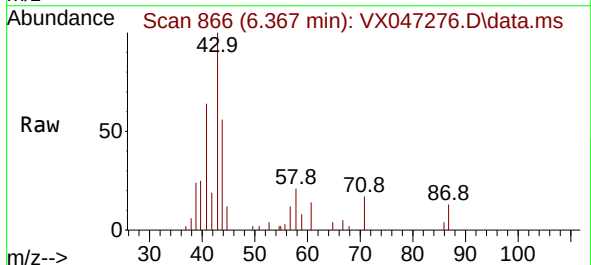
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

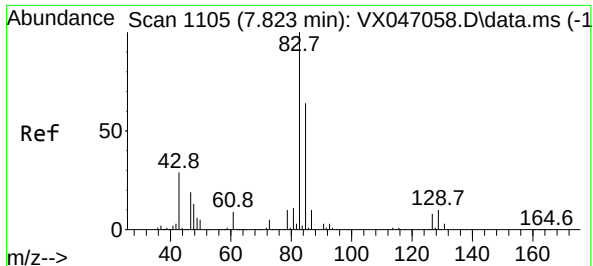
Tgt Ion: 78 Resp: 2972
Ion Ratio Lower Upper
78 100
77 12.1 19.0 28.4#



#43
Isopropyl Acetate
Concen: 2.163 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.018 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 43 Resp: 15499
Ion Ratio Lower Upper
43 100
61 10.3 15.1 22.7#
87 3.7 9.7 14.5#

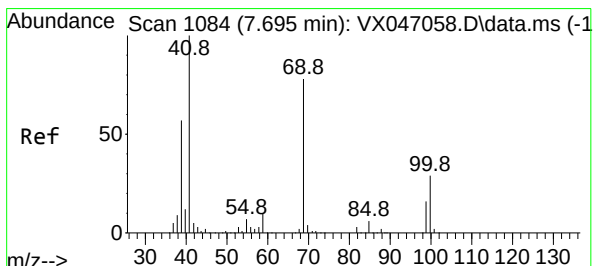
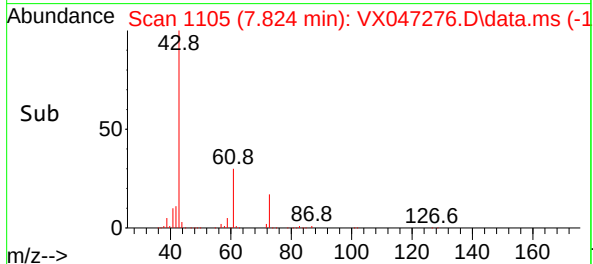
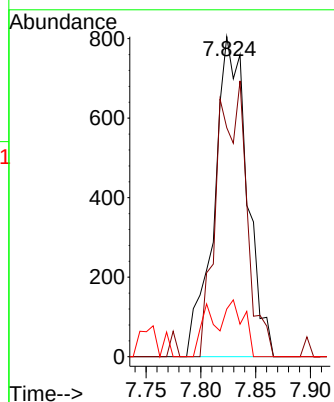
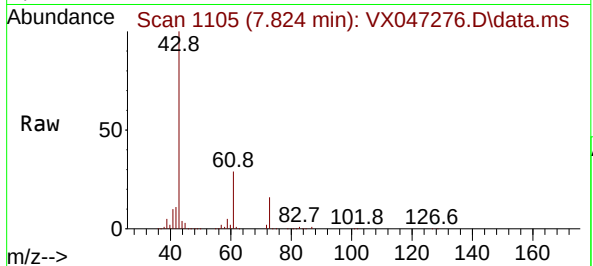




#47
Bromodichloromethane
Concen: 0.312 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

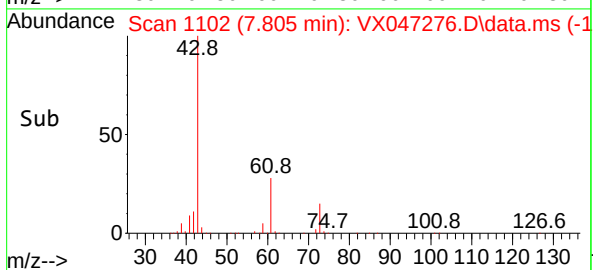
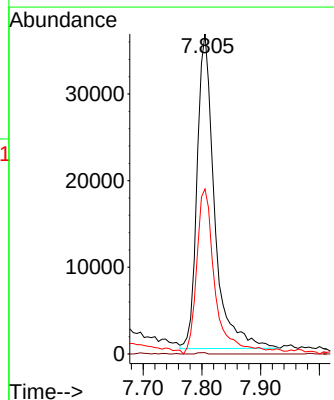
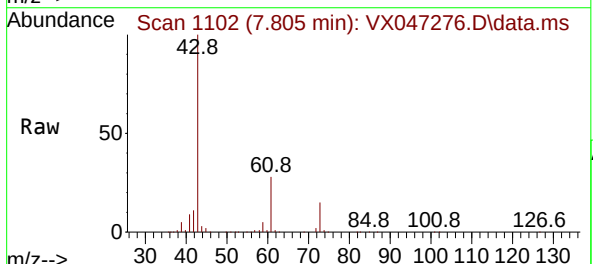
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

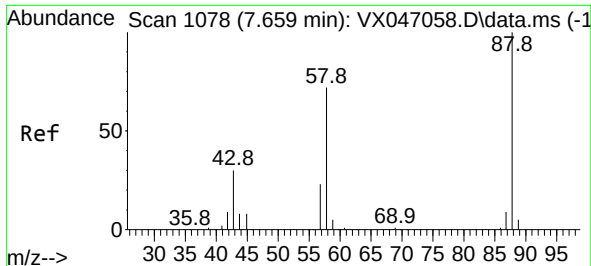
Tgt Ion: 83	Resp: 1683		
Ion Ratio	Lower	Upper	
83	100		
85	71.6	49.9	74.9
127	14.9	6.6	10.0#



#48
Methyl methacrylate
Concen: 19.260 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 41	Resp: 75196
Ion Ratio	Lower Upper
41 100	
69 0.2	62.3 93.5#
39 55.3	44.8 67.2

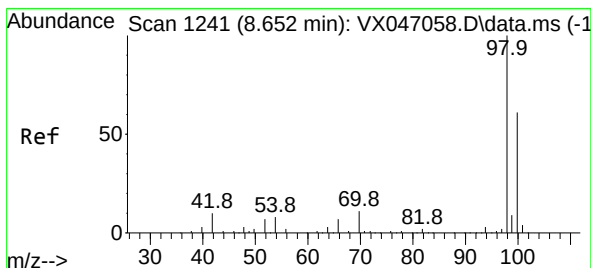
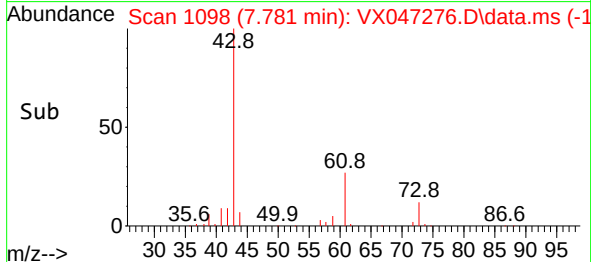
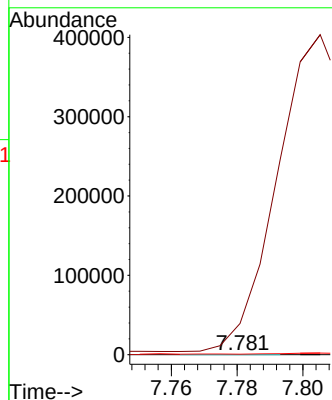
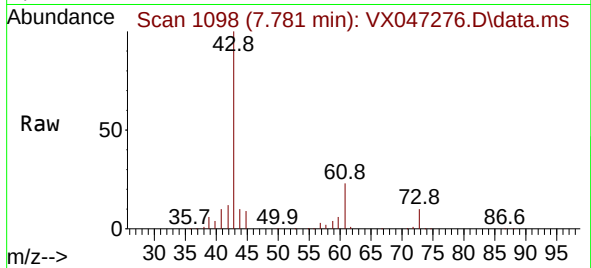




#49
1,4-Dioxane
Concen: 1.036 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. 0.122 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

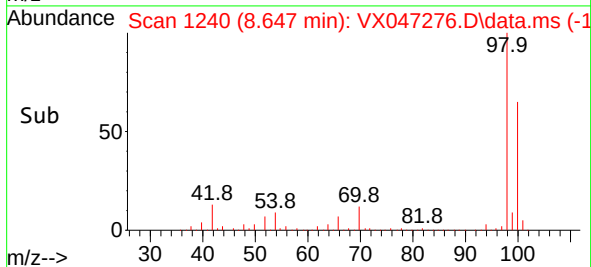
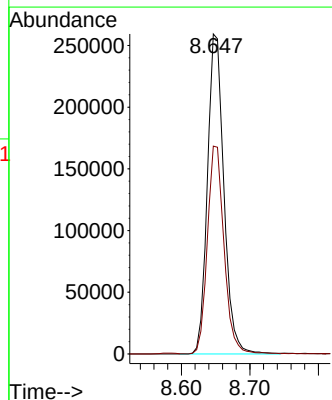
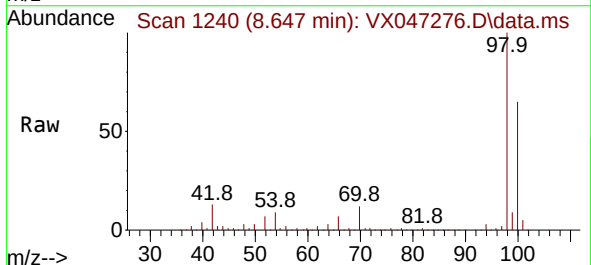
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

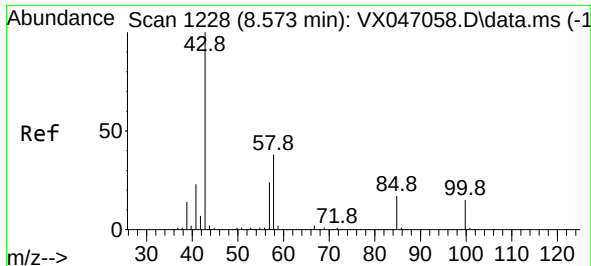
Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4#
58 0.0 58.8 88.2#



#50
Toluene-d8
Concen: 45.777 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 98 Resp: 433897
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9

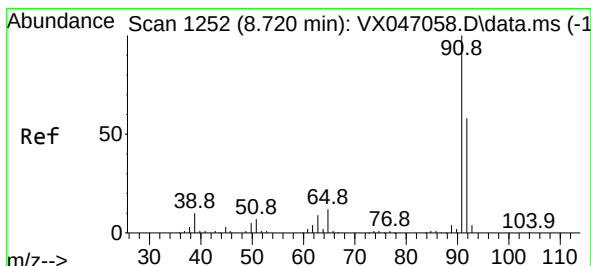
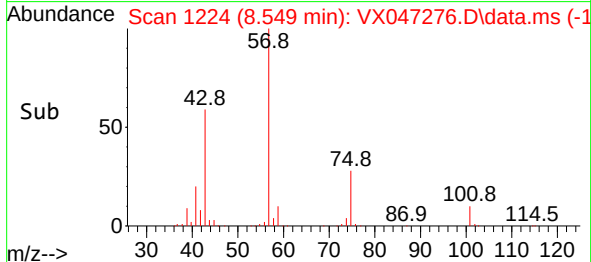
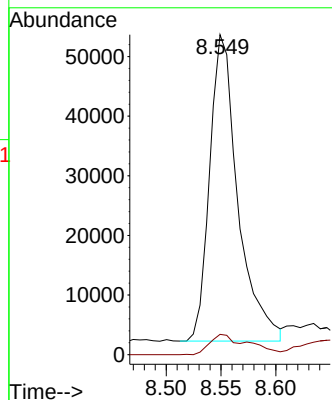
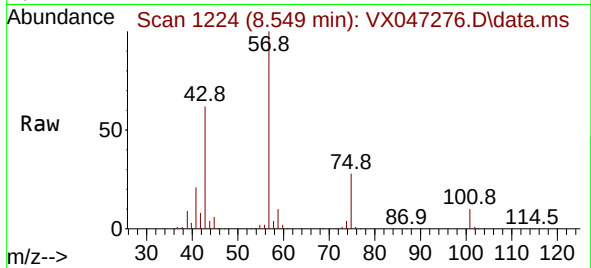




#51
4-Methyl-2-Pentanone
Concen: 21.625 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

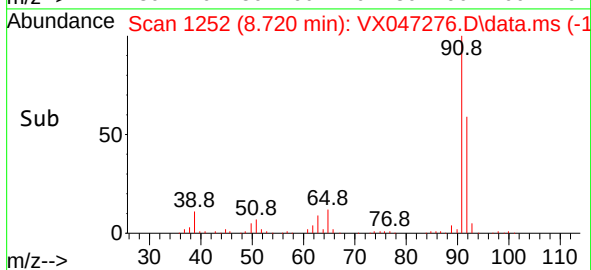
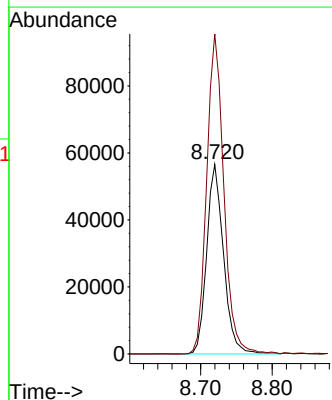
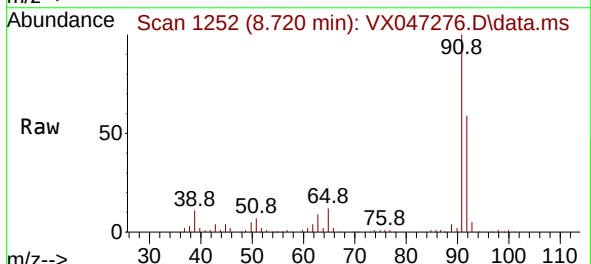
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

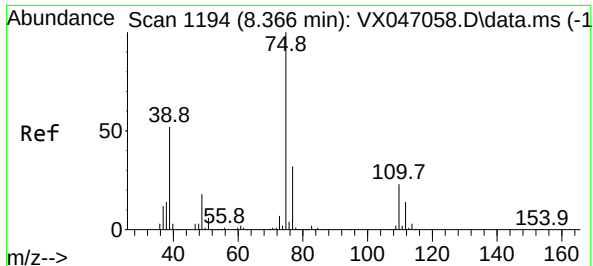
Tgt Ion: 43 Resp: 92119
Ion Ratio Lower Upper
43 100
58 9.1 30.6 45.8#



#52
Toluene
Concen: 10.465 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 92 Resp: 92907
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9

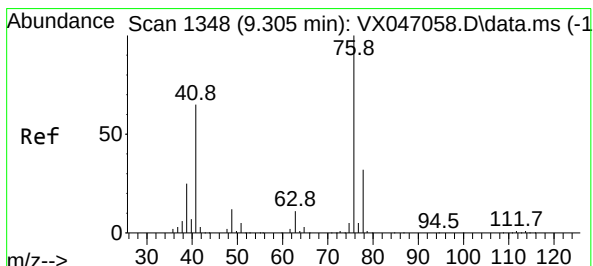
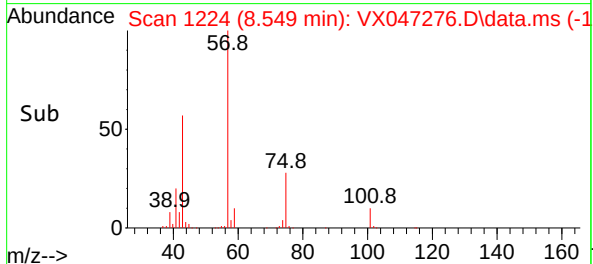
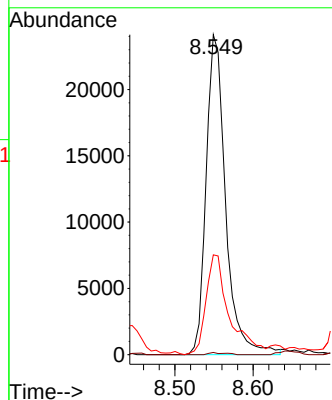
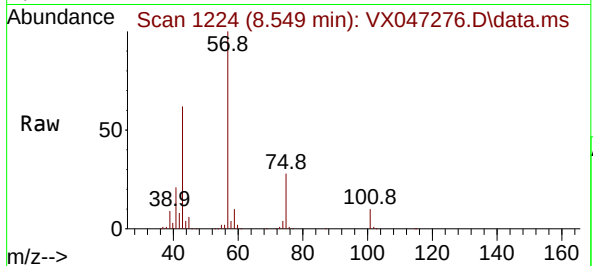




#54
 cis-1,3-Dichloropropene
 Concen: 7.470 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX047276.D
 Acq: 08 Aug 2025 16:54

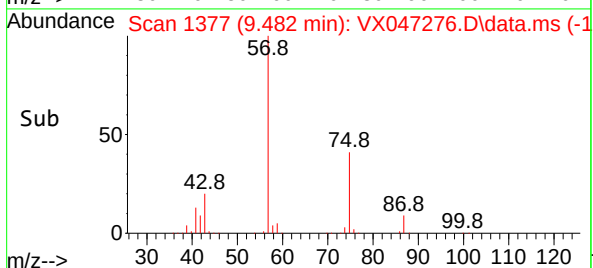
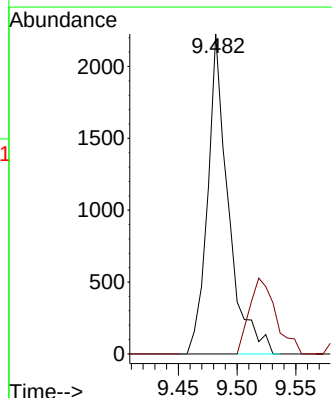
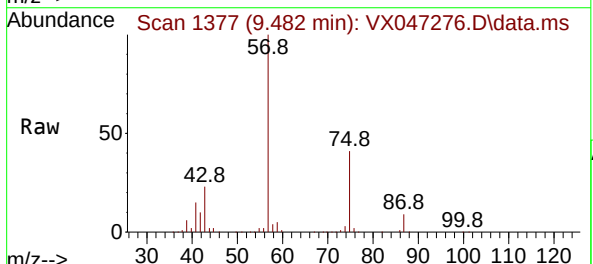
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

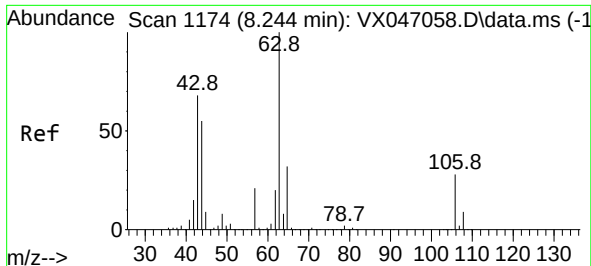
Tgt Ion: 75 Resp: 41674
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.4 38.0#
 39 30.9 41.8 62.6#



#57
 1,3-Dichloropropane
 Concen: 0.470 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX047276.D
 Acq: 08 Aug 2025 16:54

Tgt Ion: 76 Resp: 2721
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

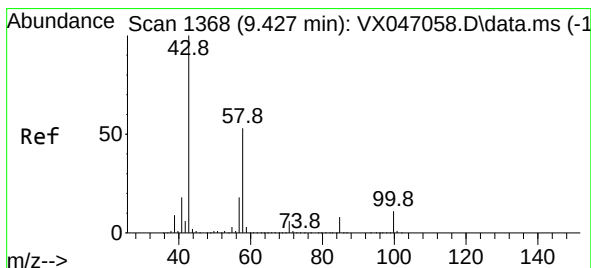
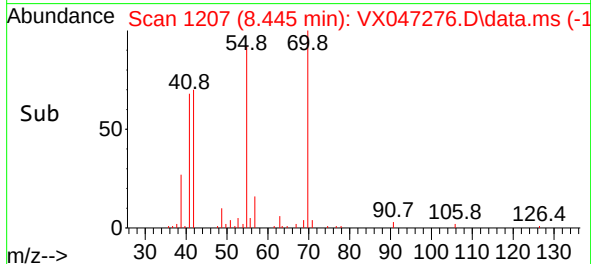
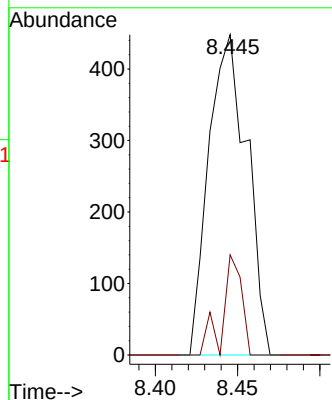
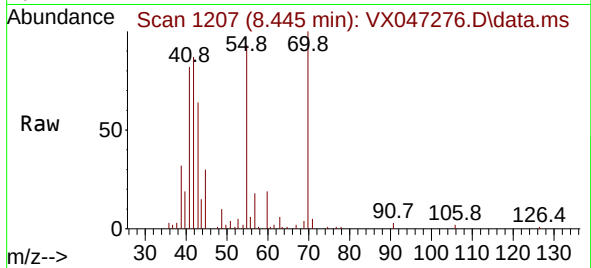




#58
2-Chloroethyl Vinyl ether
Concen: 0.264 ug/l
RT: 8.445 min Scan# 1174
Delta R.T. 0.201 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

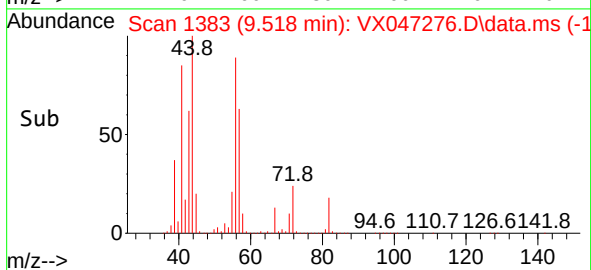
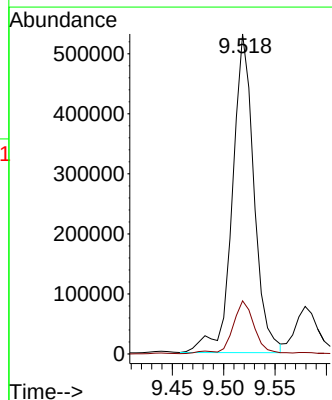
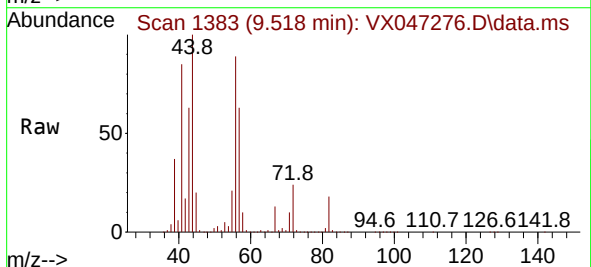
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

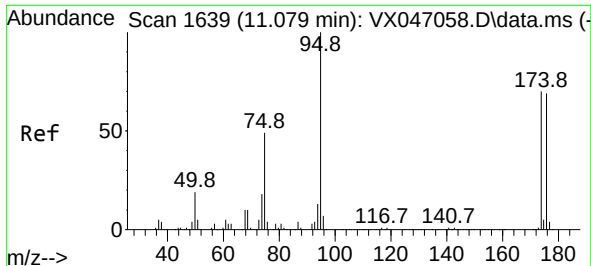
Tgt Ion: 63 Resp: 724
Ion Ratio Lower Upper
63 100
106 15.6 22.2 33.4#



#59
2-Hexanone
Concen: 276.243 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.092 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 43 Resp: 777470
Ion Ratio Lower Upper
43 100
58 16.4 26.5 79.5#

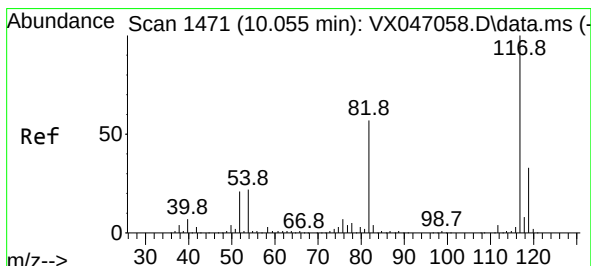
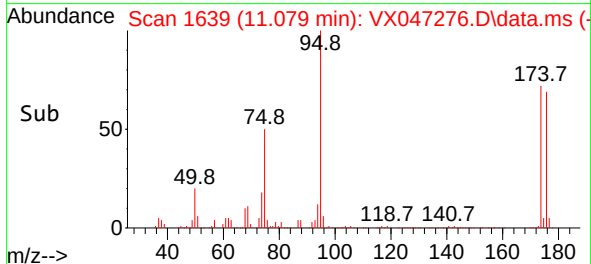
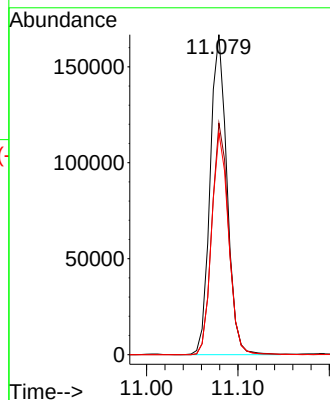
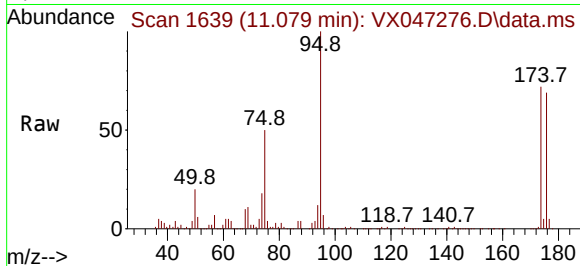




#62
4-Bromofluorobenzene
Concen: 52.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

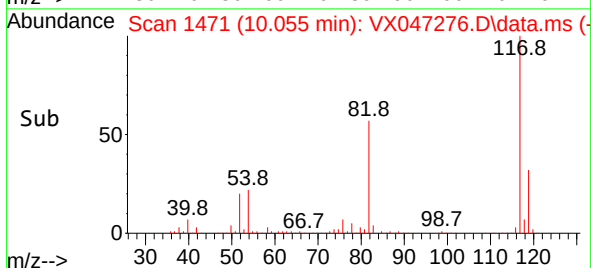
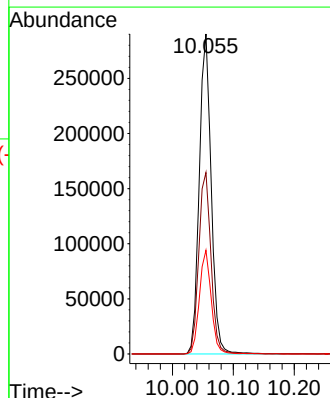
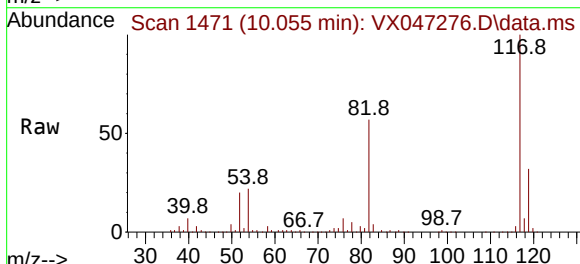
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

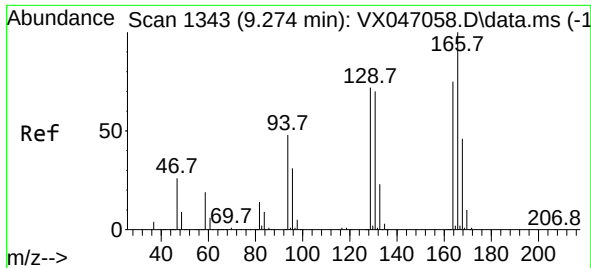
Tgt Ion: 95 Resp: 212723
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 70.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 117 Resp: 393822
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 32.4 26.1 39.1

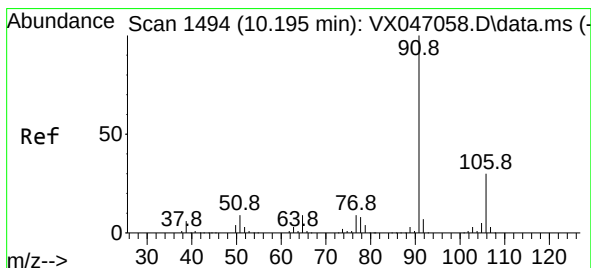
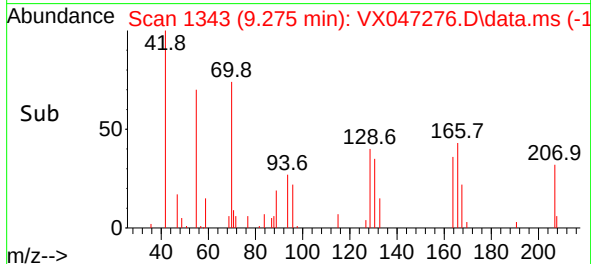
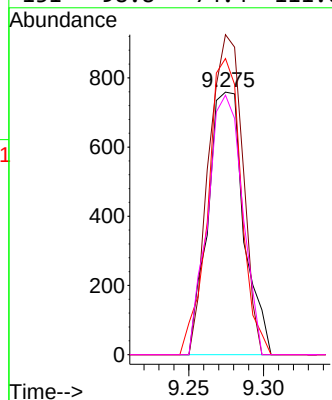
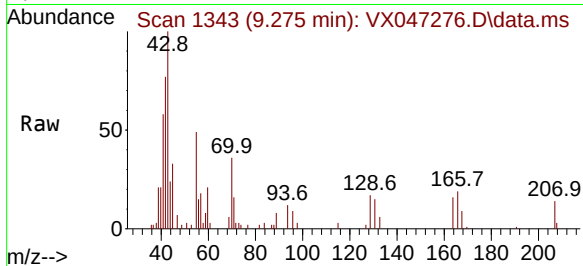




#64
Tetrachloroethene
Concen: 0.446 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

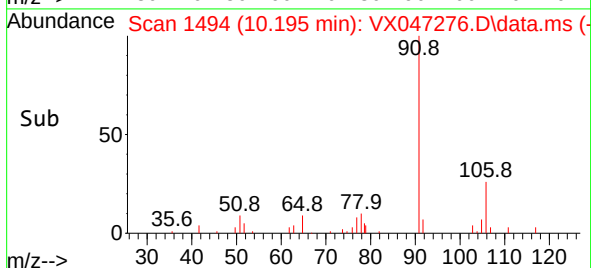
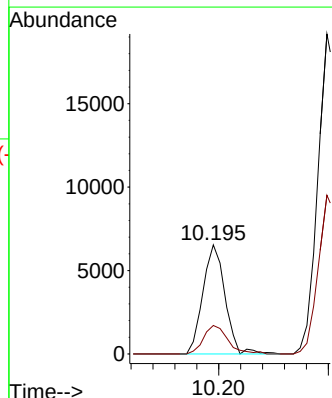
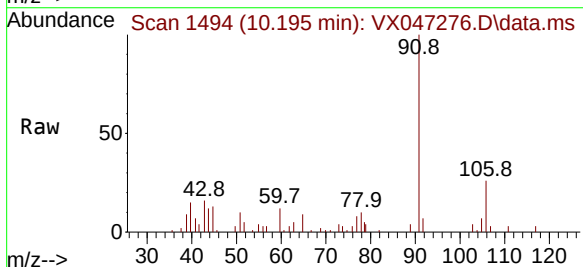
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

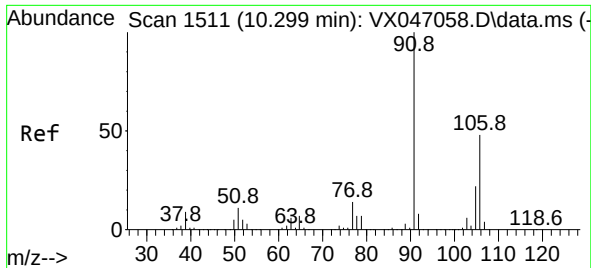
Tgt Ion:	164	Resp:	1267
Ion	Ratio	Lower	Upper
164	100		
166	121.9	106.2	159.4
129	112.8	76.6	114.8
131	98.8	74.4	111.6



#67
Ethyl Benzene
Concen: 0.569 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion:	91	Resp:	9181
Ion	Ratio	Lower	Upper
91	100		
106	24.4	24.2	36.4

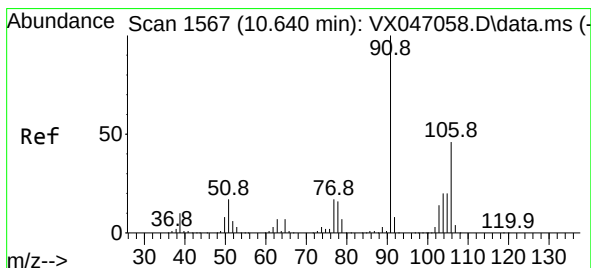
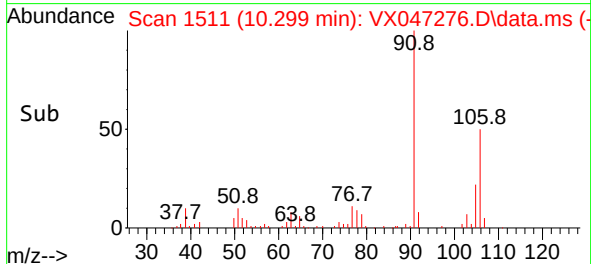
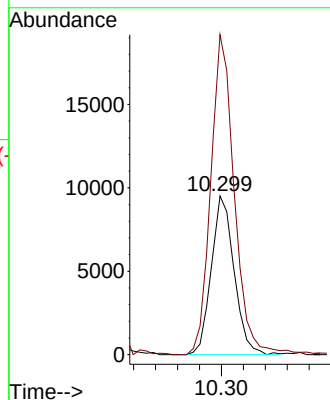
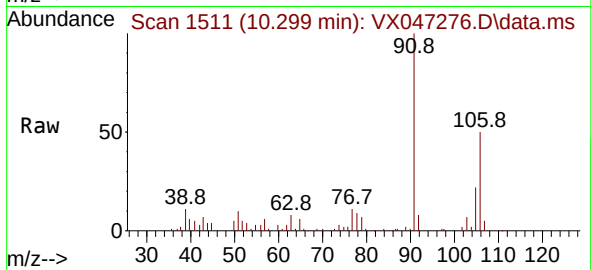




#68
m/p-Xylenes
Concen: 2.278 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

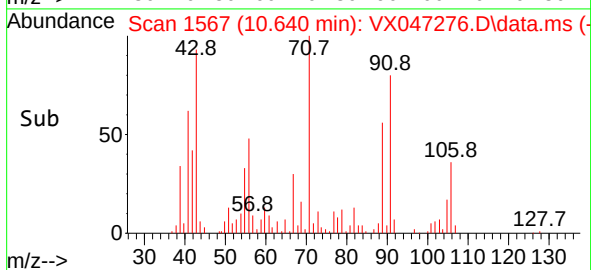
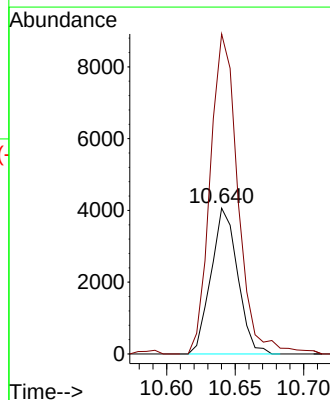
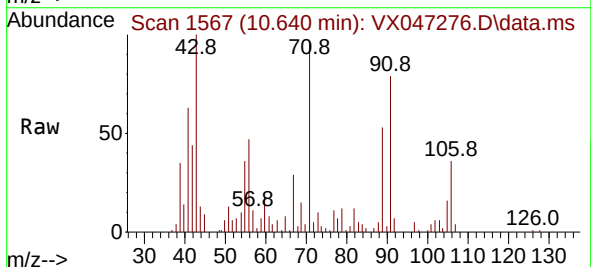
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

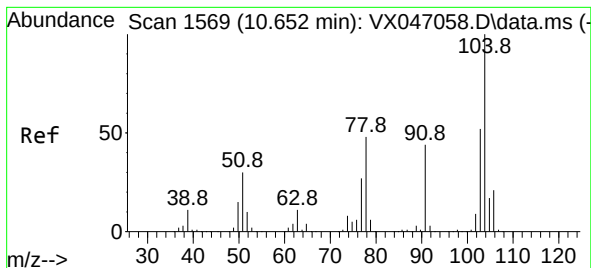
Tgt Ion:106 Resp: 13753
Ion Ratio Lower Upper
106 100
91 209.4 167.4 251.0



#69
o-Xylene
Concen: 0.955 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion:106 Resp: 5483
Ion Ratio Lower Upper
106 100
91 229.3 110.3 331.0





#70

Styrene

Concen: 0.241 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

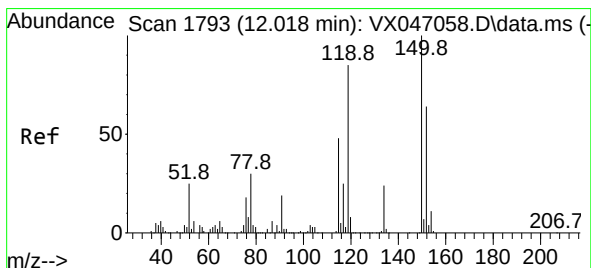
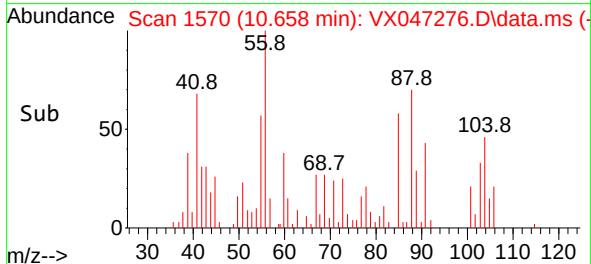
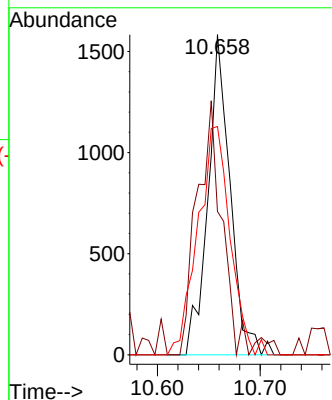
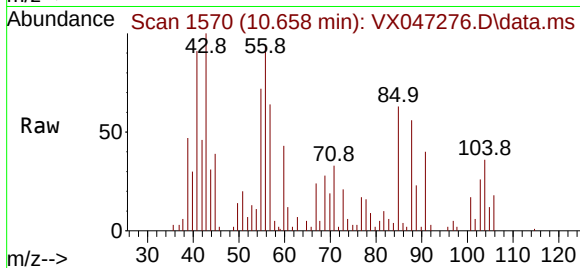
Tgt Ion:104 Resp: 2378

Ion Ratio Lower Upper

104 100

78 88.9 42.0 63.0#

103 103.4 43.8 65.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

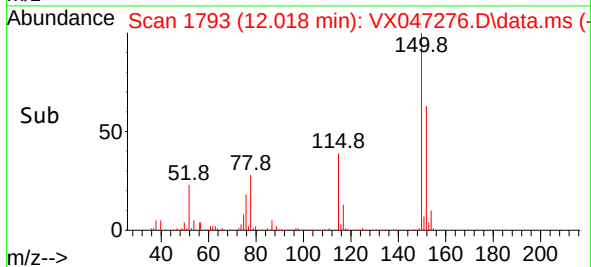
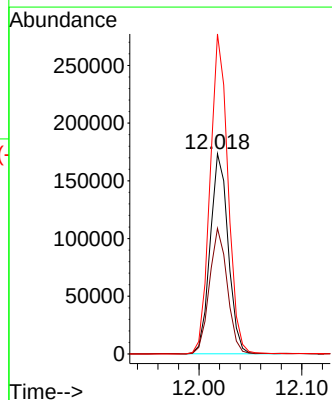
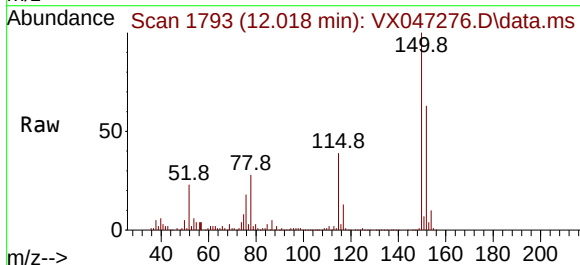
Tgt Ion:152 Resp: 211582

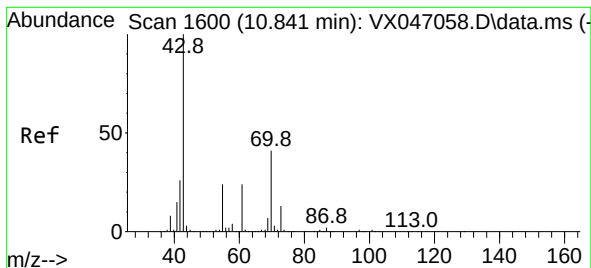
Ion Ratio Lower Upper

152 100

115 62.1 45.6 136.7

150 158.8 0.0 354.6





#74

N-amy1 acetate

Concen: 6.795 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

Tgt Ion: 43 Resp: 45766

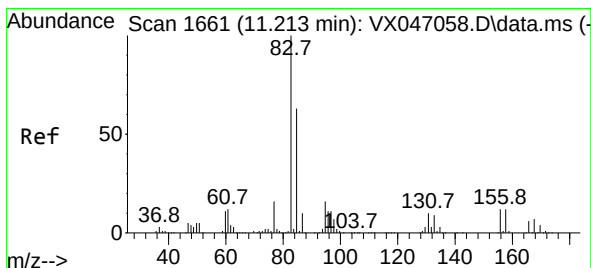
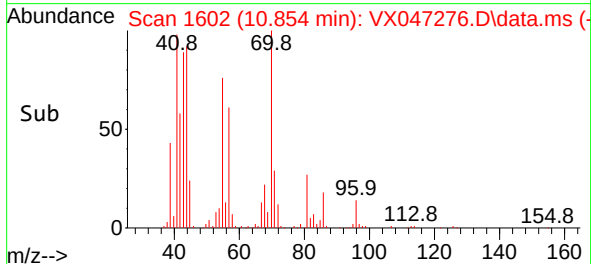
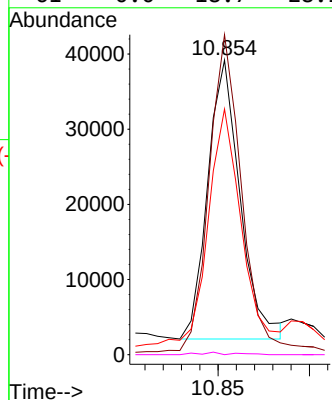
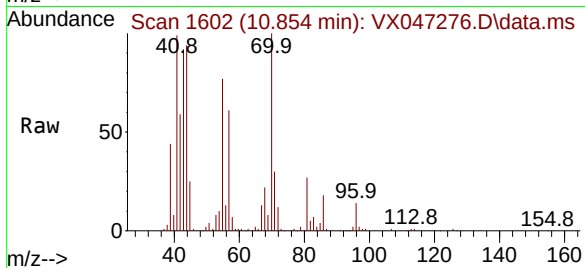
Ion Ratio Lower Upper

43 100

70 116.2 32.3 48.5#

55 90.7 18.9 28.3#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.616 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

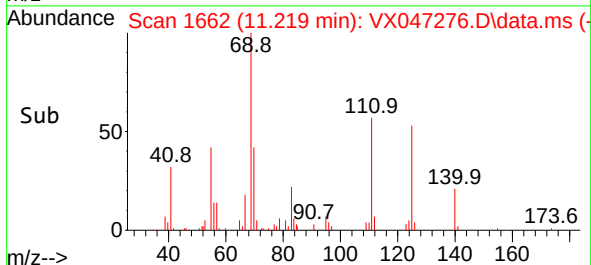
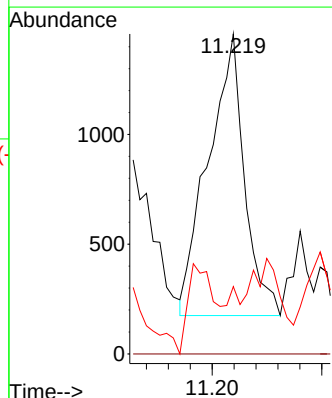
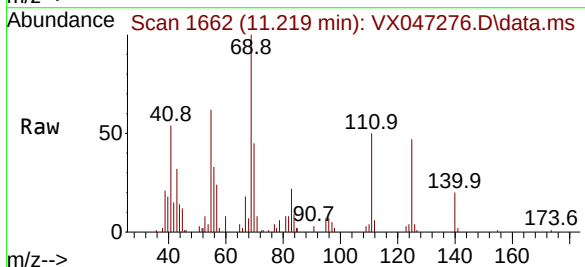
Tgt Ion: 83 Resp: 2939

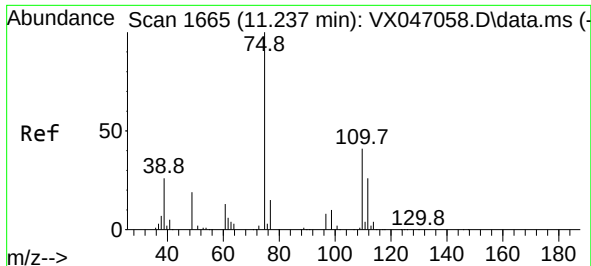
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.2#

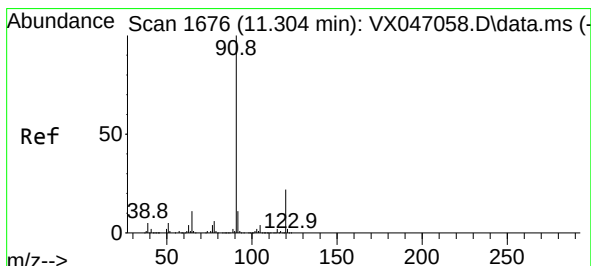
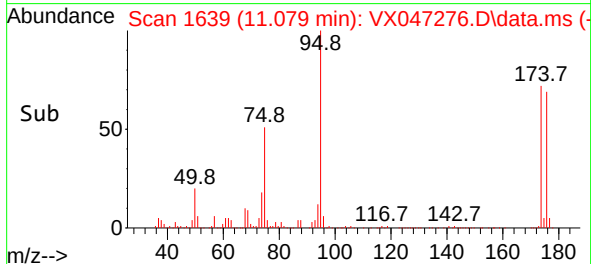
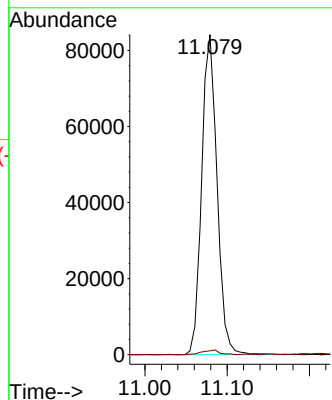
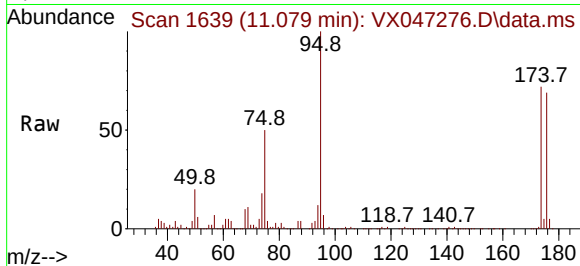




#76
1,2,3-Trichloropropane
Concen: 27.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

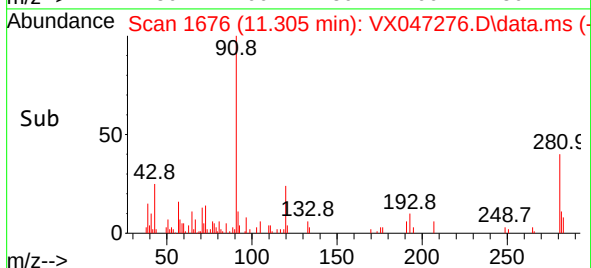
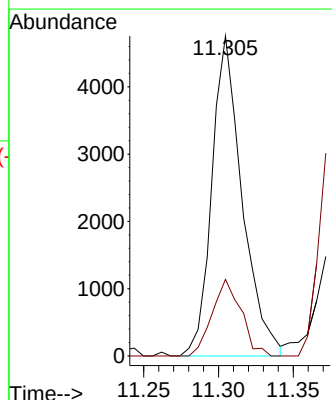
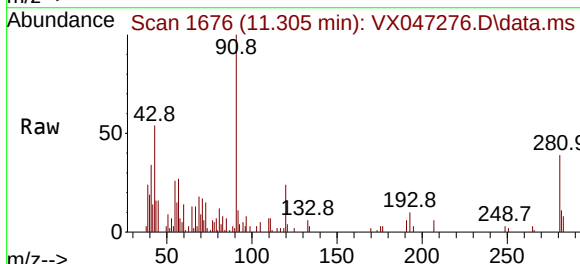
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

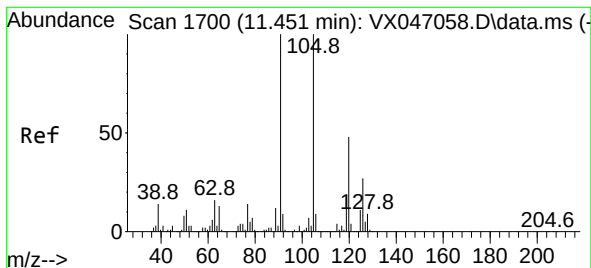
Tgt Ion: 75 Resp: 109243
Ion Ratio Lower Upper
75 100
77 1.7 21.6 65.0#



#78
n-propylbenzene
Concen: 0.336 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 91 Resp: 6699
Ion Ratio Lower Upper
91 100
120 22.9 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 0.718 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

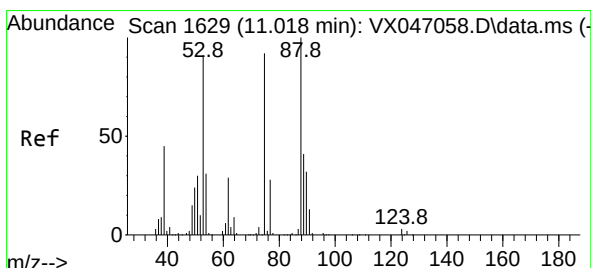
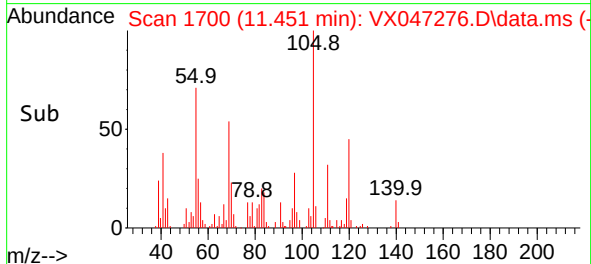
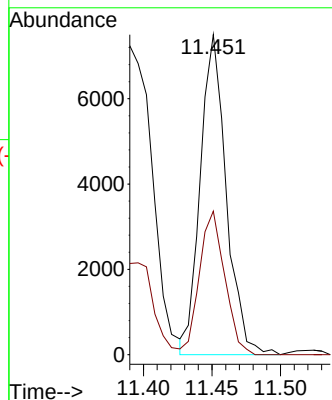
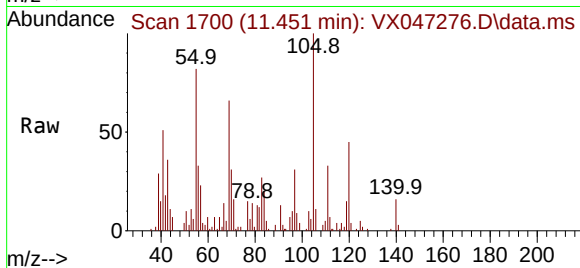
SLUDGE

Tgt Ion:105 Resp: 9902

Ion Ratio Lower Upper

105 100

120 43.7 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 71.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

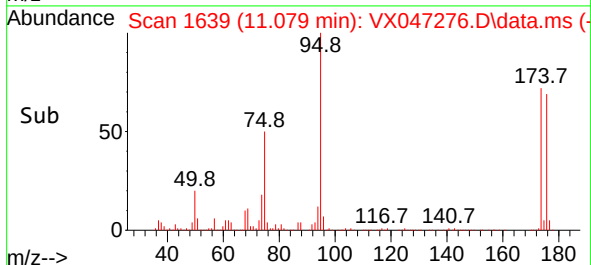
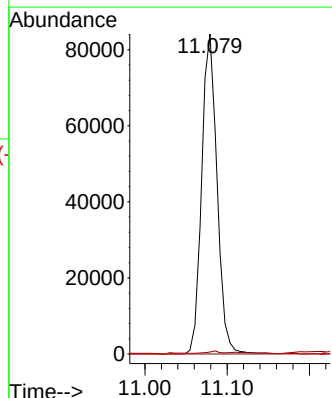
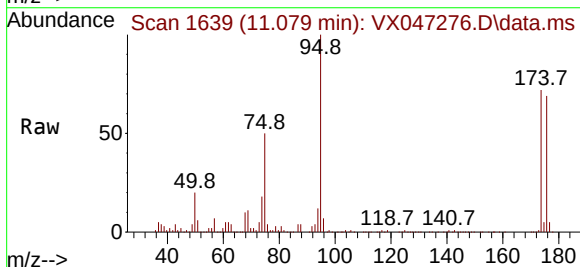
Tgt Ion: 75 Resp: 109243

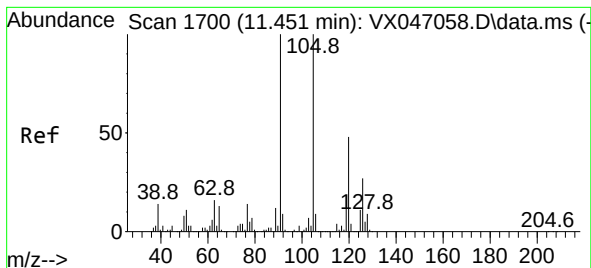
Ion Ratio Lower Upper

75 100

53 0.8 84.2 126.4#

89 0.0 36.0 54.0#

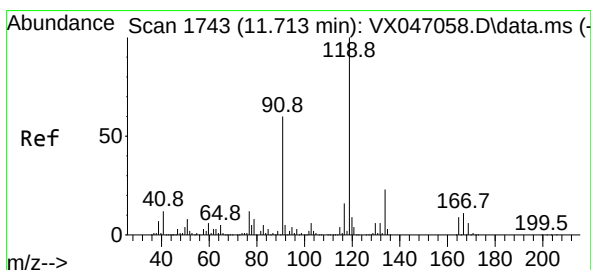
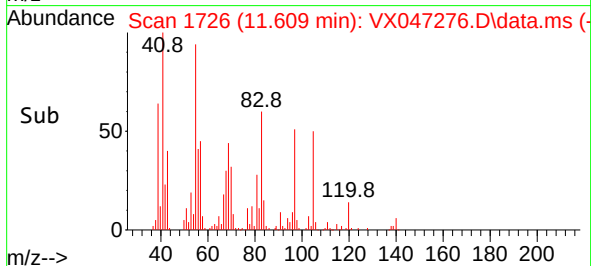
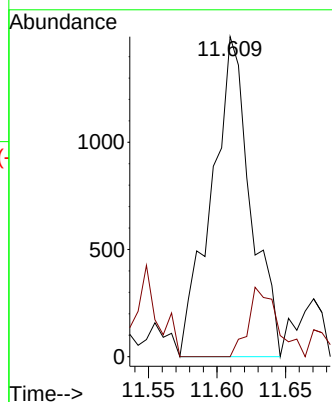
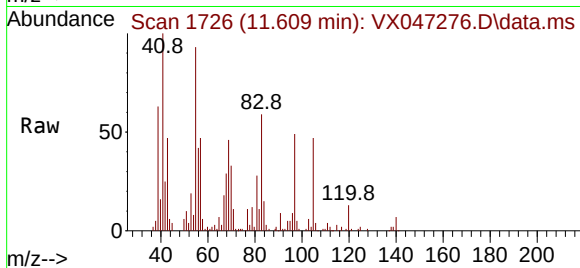




#82
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 11.609 min Scan# 11
Delta R.T. 0.159 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

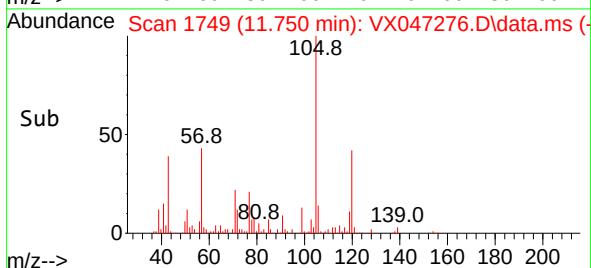
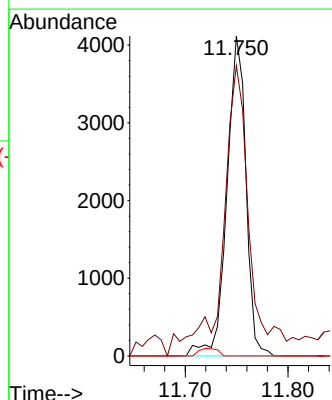
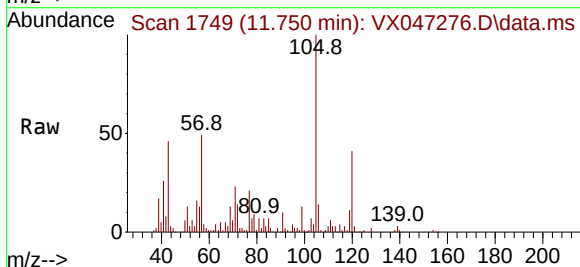
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

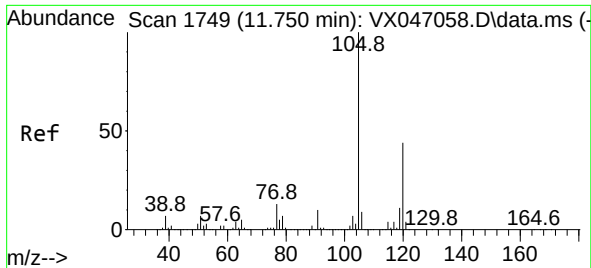
Tgt Ion: 91 Resp: 2956
Ion Ratio Lower Upper
91 100
126 16.0 14.1 42.3



#83
tert-Butylbenzene
Concen: 0.382 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion: 119 Resp: 5289
Ion Ratio Lower Upper
119 100
91 128.4 29.6 88.8#
134 0.0 11.4 34.1#

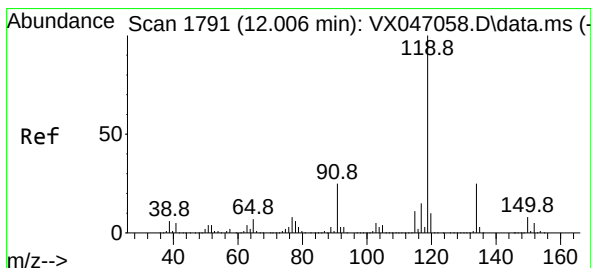
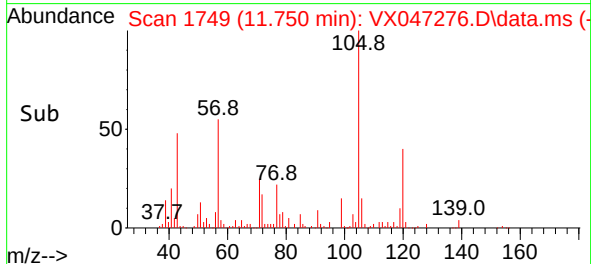
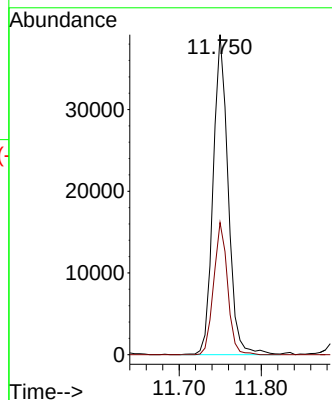
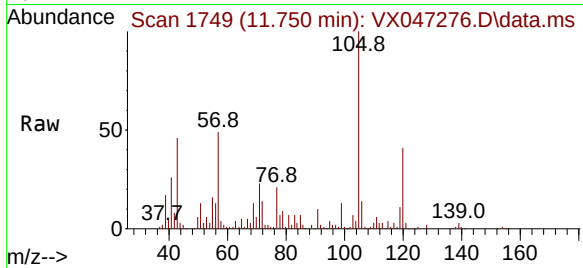




#84
1,2,4-Trimethylbenzene
Concen: 3.613 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

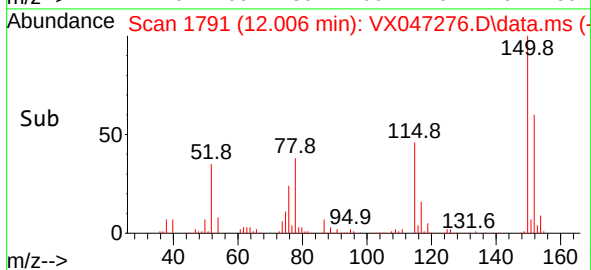
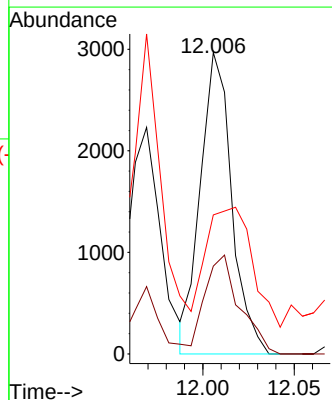
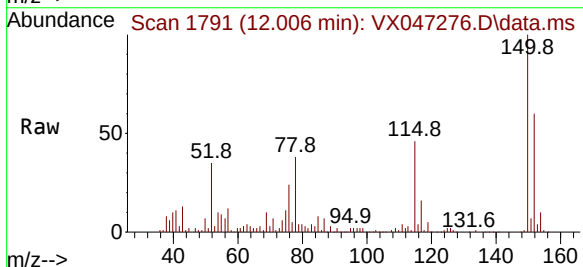
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

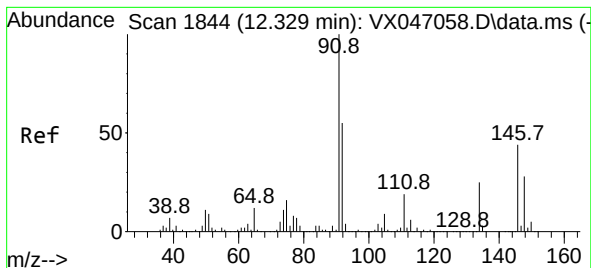
Tgt Ion:105 Resp: 49704
Ion Ratio Lower Upper
105 100
120 38.1 22.0 66.0



#86
p-Isopropyltoluene
Concen: 0.247 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

Tgt Ion:119 Resp: 3545
Ion Ratio Lower Upper
119 100
134 36.2 12.8 38.4
91 57.9 12.4 37.4#





#89

n-Butylbenzene

Concen: 0.693 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

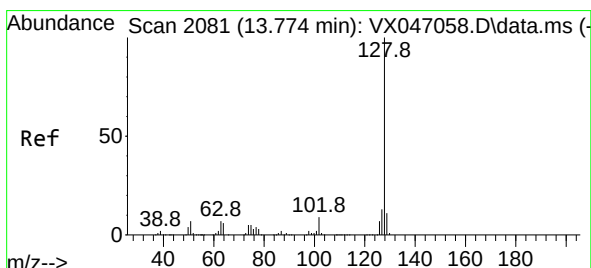
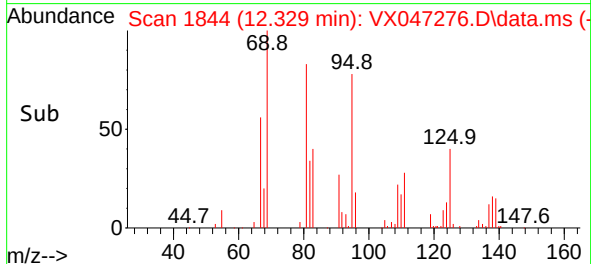
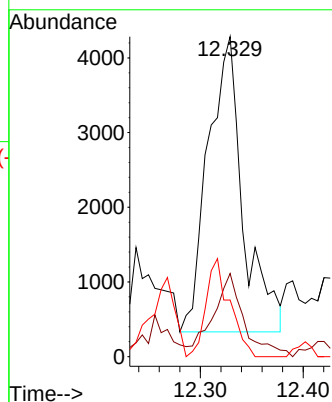
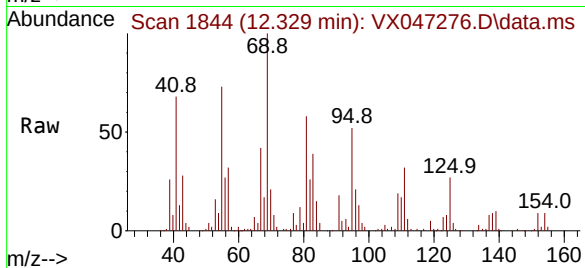
Tgt Ion: 91 Resp: 9327

Ion Ratio Lower Upper

91 100

92 25.2 27.5 82.5#

134 22.5 12.8 38.3



#95

Naphthalene

Concen: 0.378 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

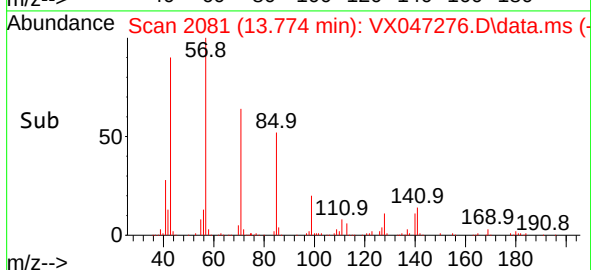
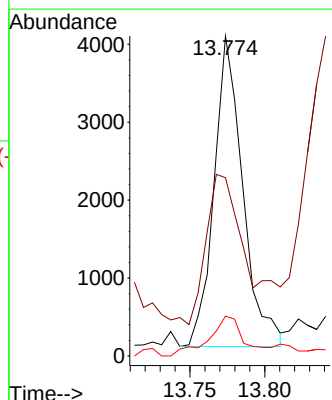
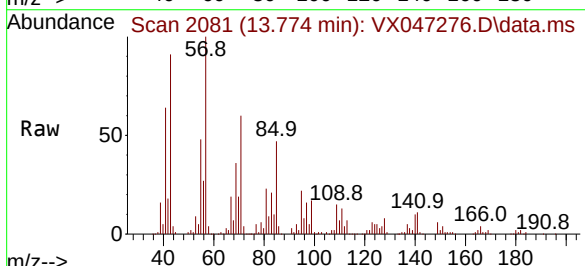
Tgt Ion: 128 Resp: 5326

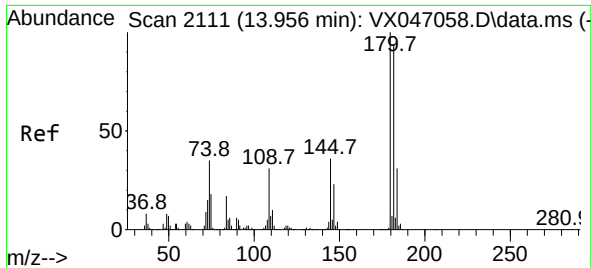
Ion Ratio Lower Upper

128 100

127 60.8 10.1 15.1#

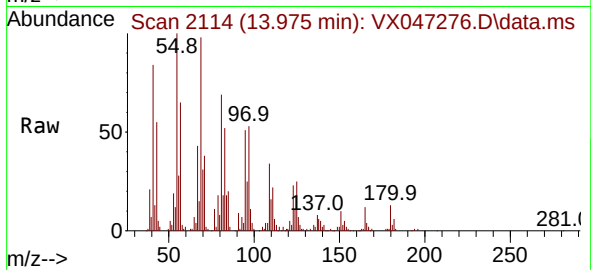
129 15.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.709 ug/l
 RT: 13.975 min Scan# 2111
 Delta R.T. 0.018 min
 Lab File: VX047276.D
 Acq: 08 Aug 2025 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE



Tgt Ion:180 Resp: 3280
 Ion Ratio Lower Upper
 180 100
 182 56.9 46.9 140.6
 145 4.1 17.3 52.0#

