

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)

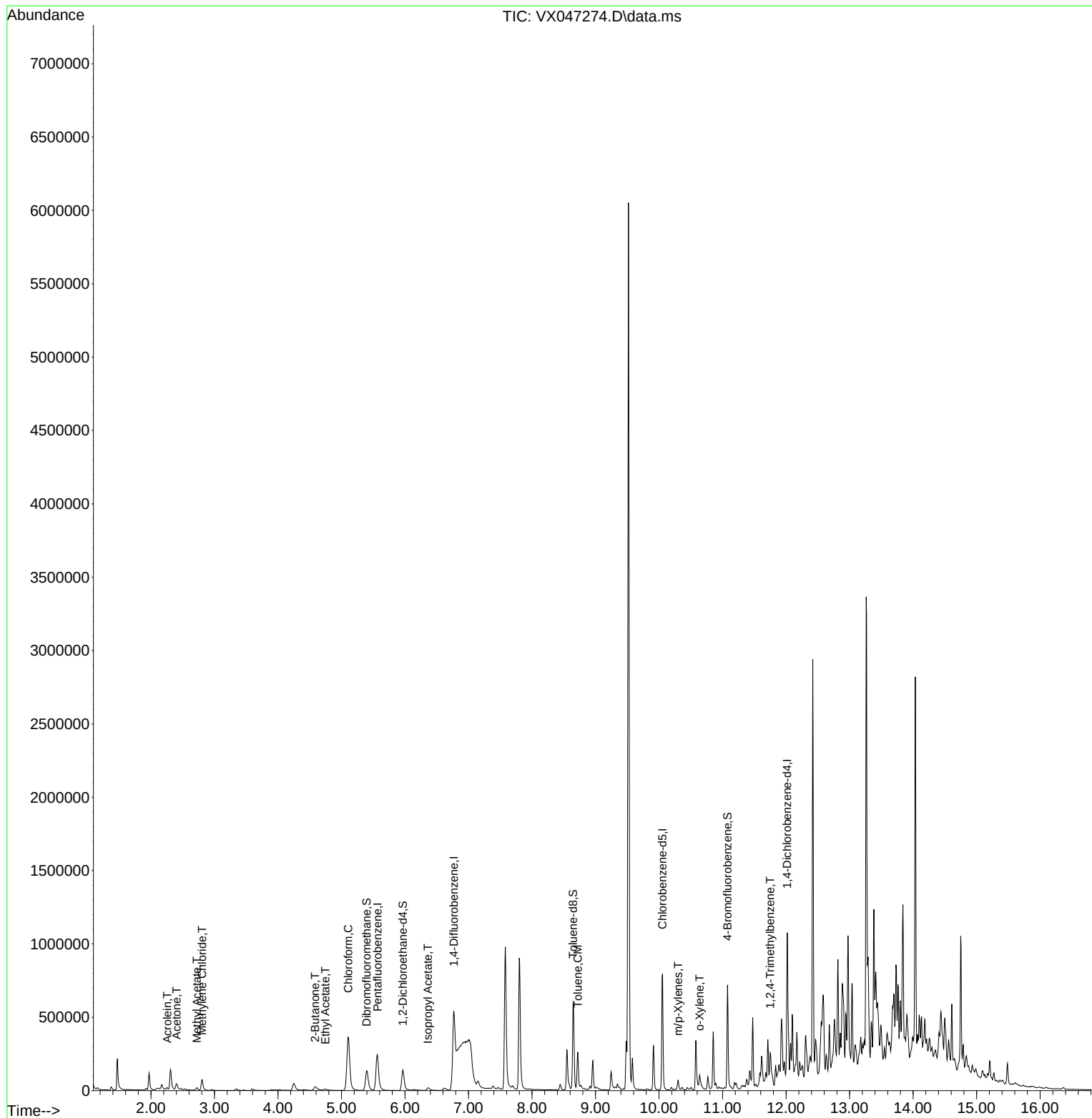
Internal Standards						
1) Pentafluorobenzene	5.568	168	244219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	431469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
13) Acrolein	2.258	56	13657	20.849	ug/l	86
16) Acetone	2.404	43	67088	55.048	ug/l	92
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
30) Chloroform	5.105	83	481401	79.733	ug/l	99
37) Ethyl Acetate	4.745	43	21717	5.190	ug/l #	89
43) Isopropyl Acetate	6.361	43	16635	2.550	ug/l #	81
52) Toluene	8.720	92	98437	12.182	ug/l	97
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
84) 1,2,4-Trimethylbenzene	11.750	105	52265	4.293	ug/l	91

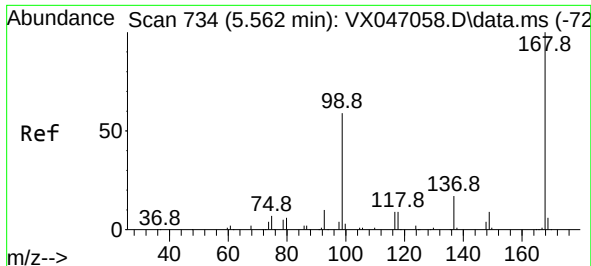
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
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MSVOA_X
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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

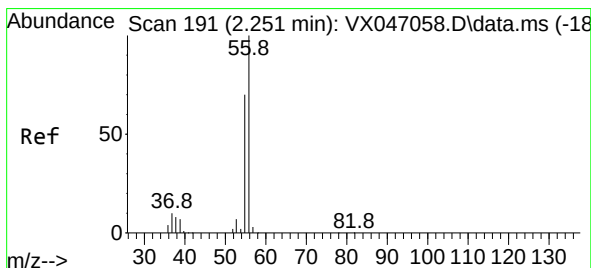
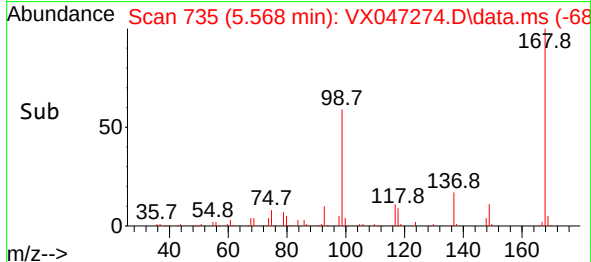
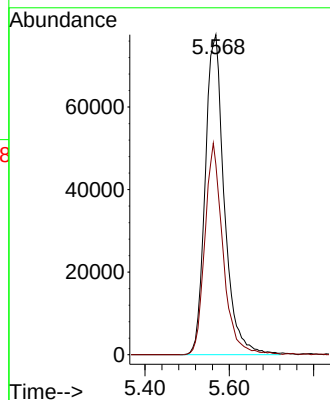
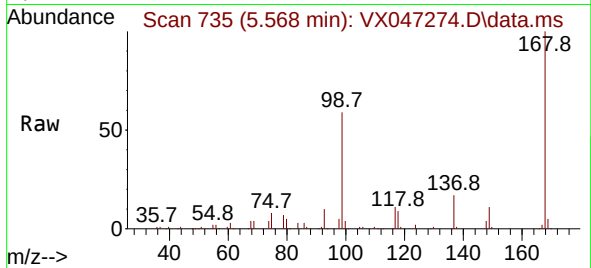




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

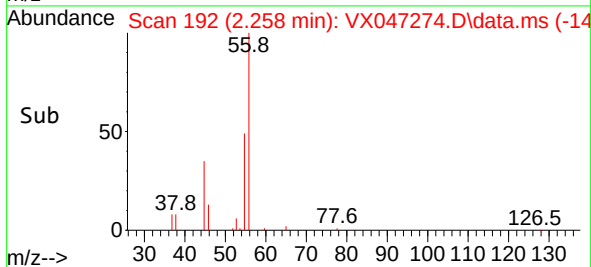
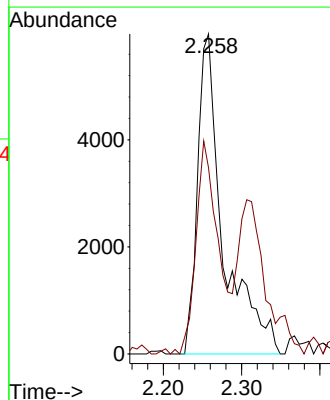
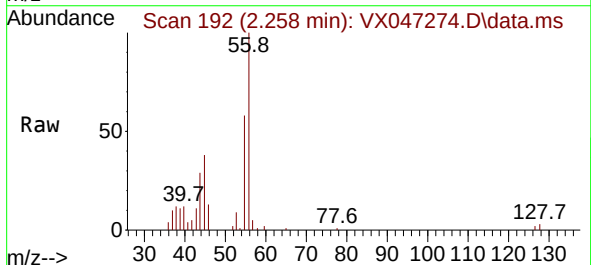
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

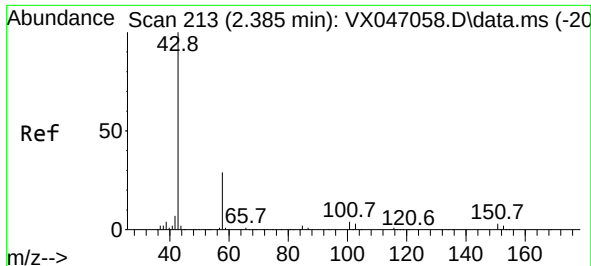
Tgt Ion:168 Resp: 244219
Ion Ratio Lower Upper
168 100
99 59.4 48.0 72.0



#13
Acrolein
Concen: 20.849 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.007 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

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

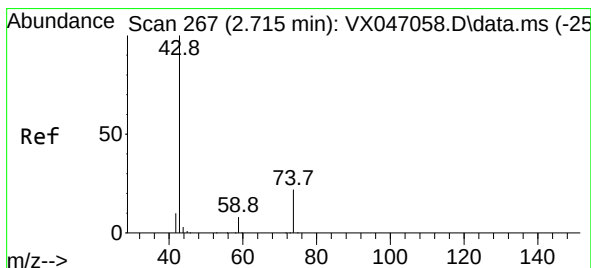
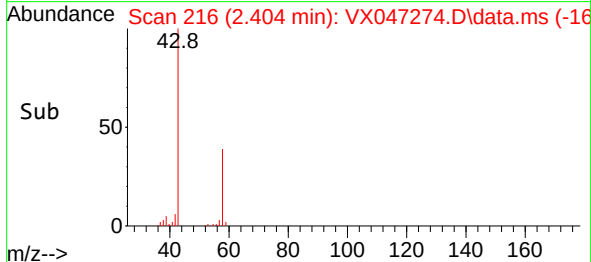
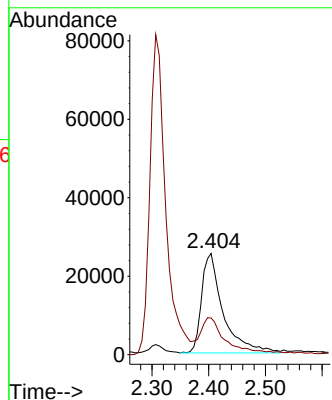
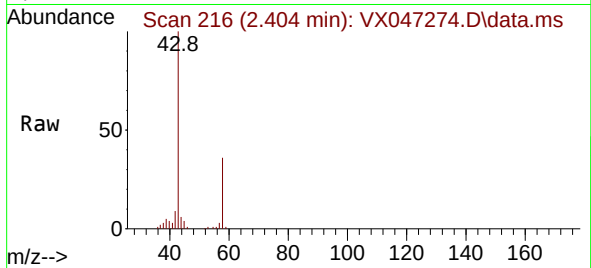




#16
Acetone
Concen: 55.048 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.019 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

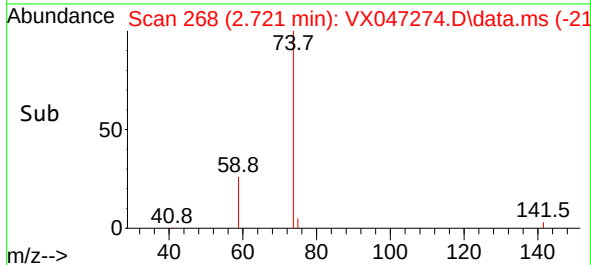
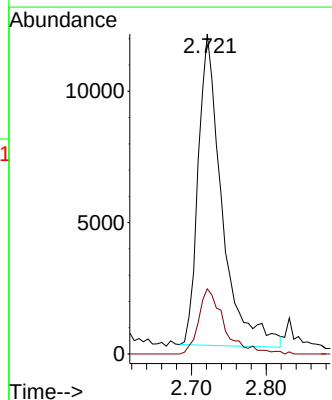
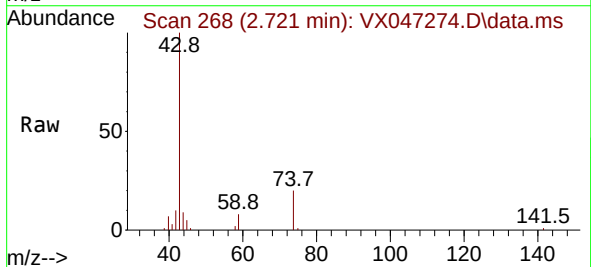
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

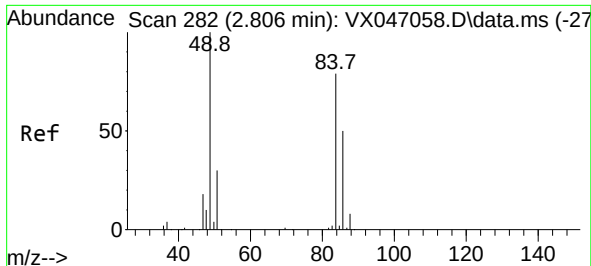
Tgt Ion: 43 Resp: 67088
Ion Ratio Lower Upper
43 100
58 34.2 24.0 36.0



#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

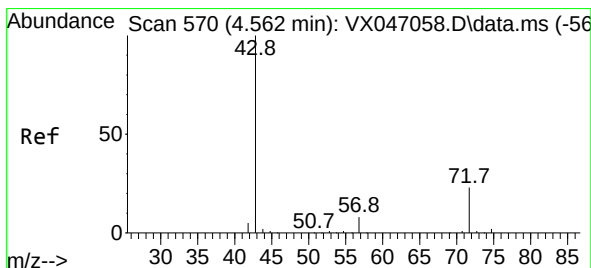
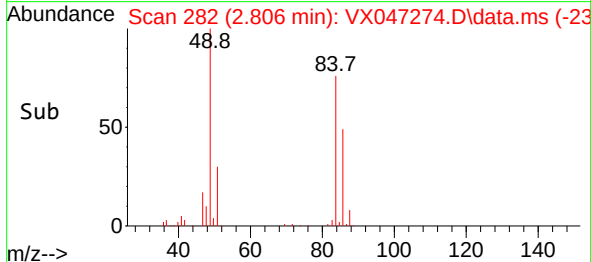
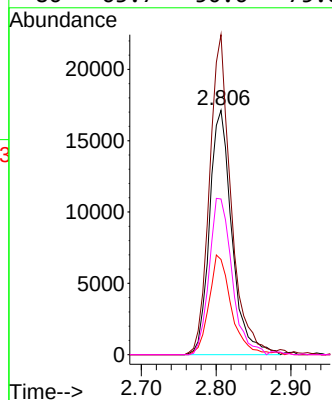
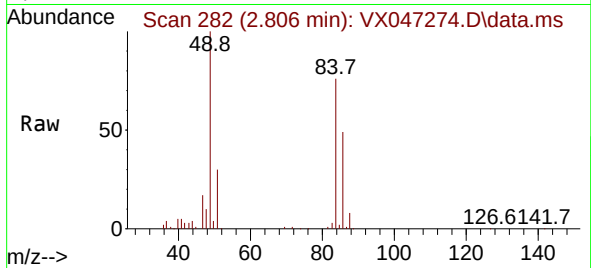




#20
Methylene Chloride
Concen: 10.660 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

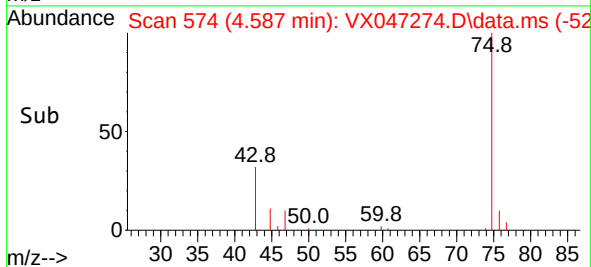
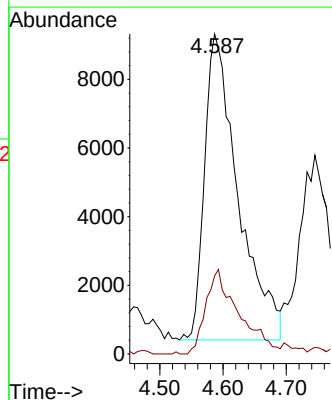
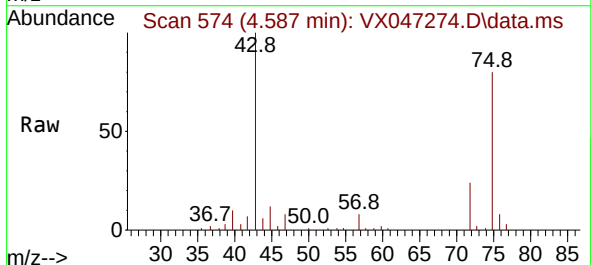
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

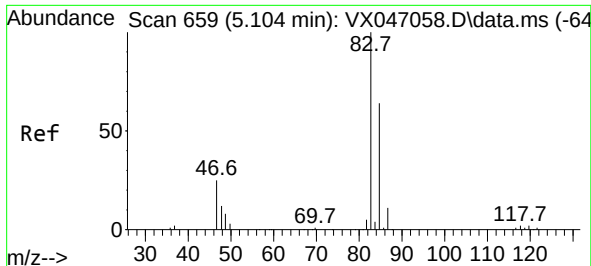
Tgt Ion:	84	Resp:	35740
Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.6	152.4
51	38.9	30.3	45.5
86	63.7	50.6	75.8



#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





#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 :

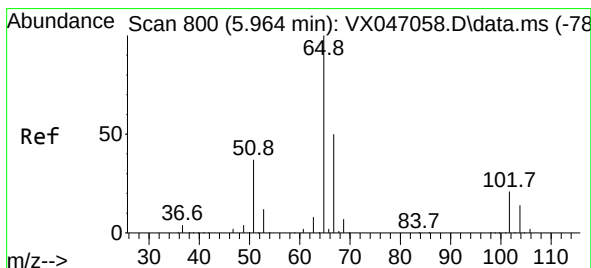
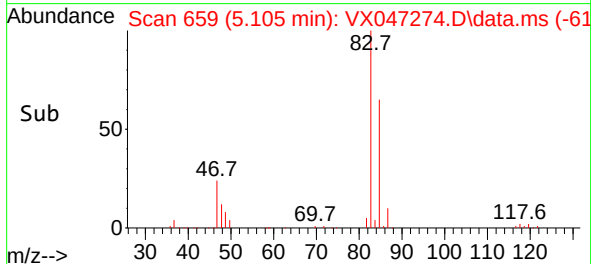
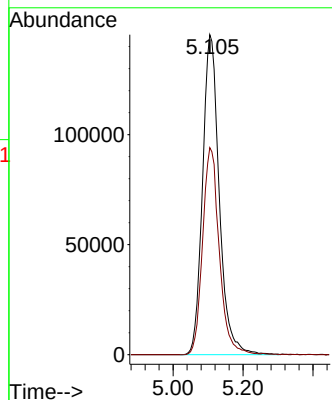
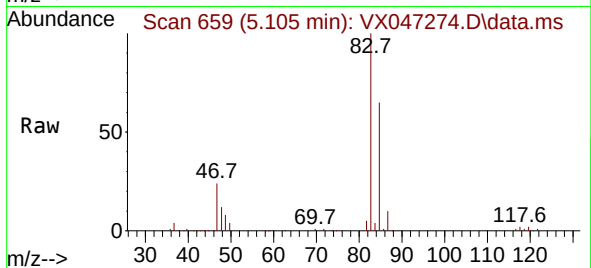
SLUDGE

Tgt Ion: 83 Resp: 481401

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3



#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

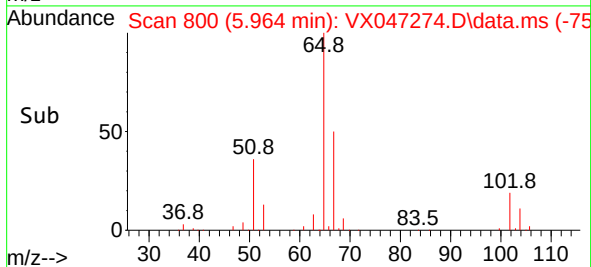
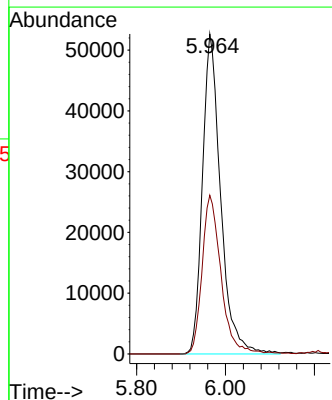
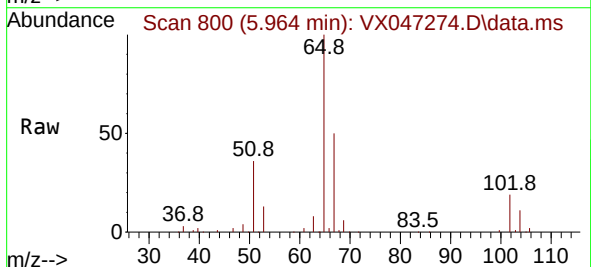
Acq: 08 Aug 2025 16:12

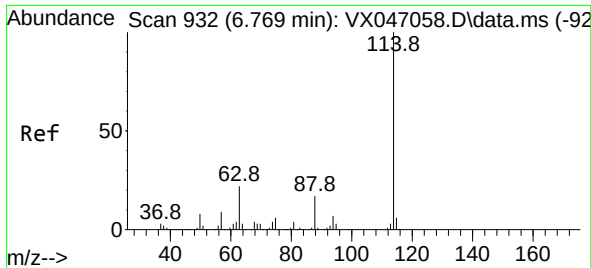
Tgt Ion: 65 Resp: 149989

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8

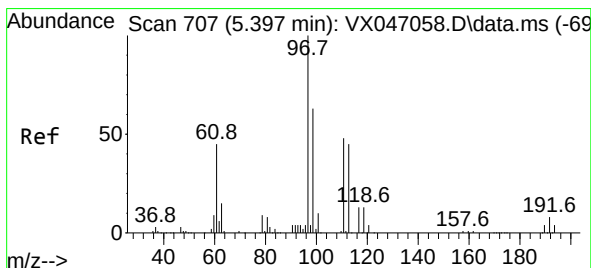
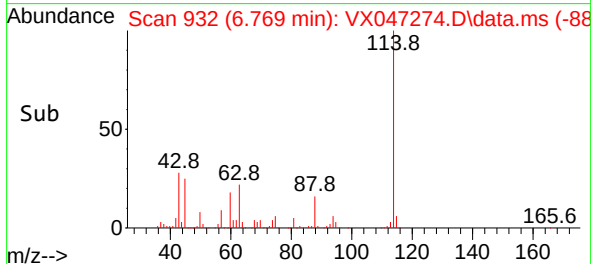
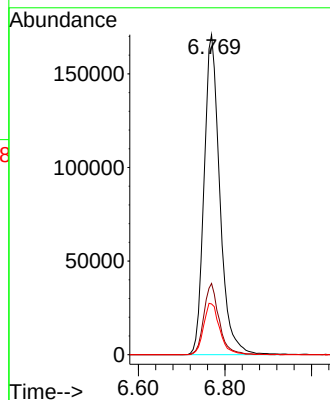
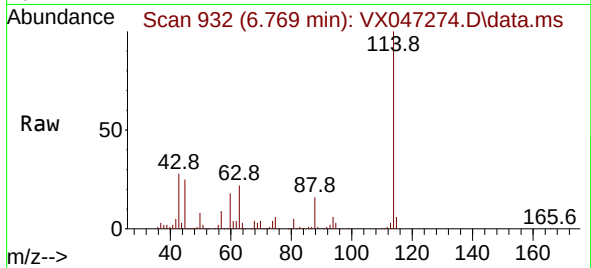




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

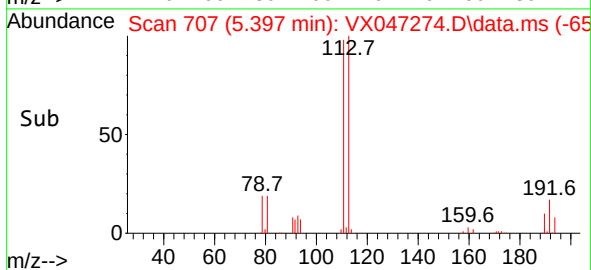
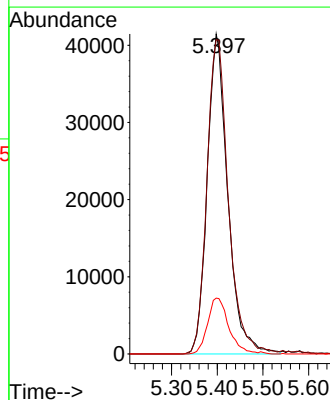
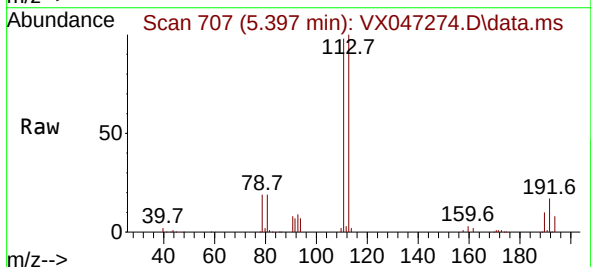
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUDGE

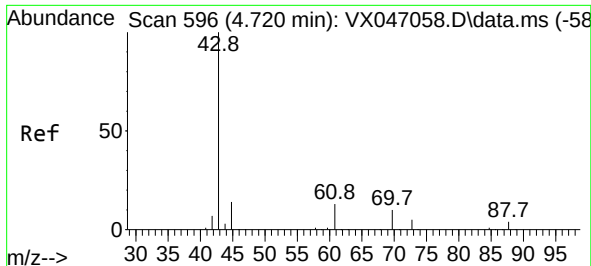
Tgt Ion:114 Resp: 431469
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 15.8 0.0 33.8



#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

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





#37

Ethyl Acetate

Concen: 5.190 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.025 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

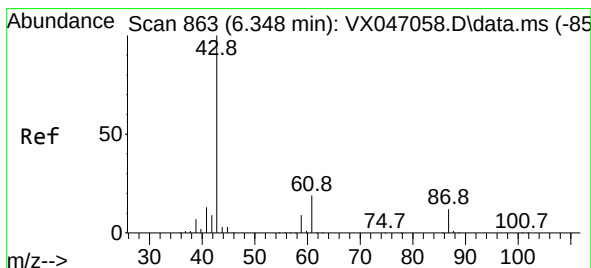
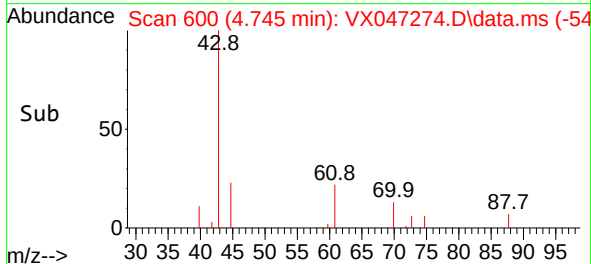
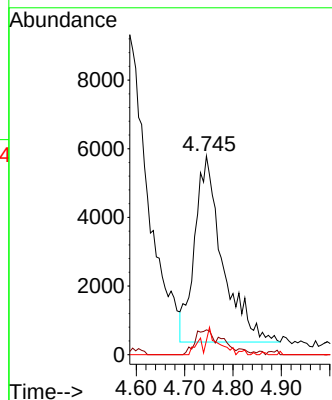
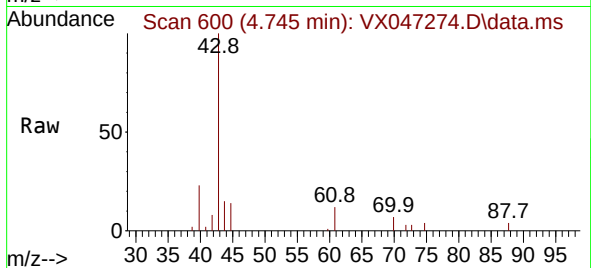
Tgt Ion: 43 Resp: 21717

Ion Ratio Lower Upper

43 100

61 8.6 10.2 15.2#

70 5.7 8.1 12.1#



#43

Isopropyl Acetate

Concen: 2.550 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.013 min

Lab File: VX047274.D

Acq: 08 Aug 2025 16:12

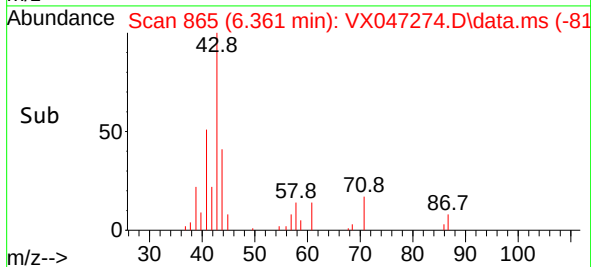
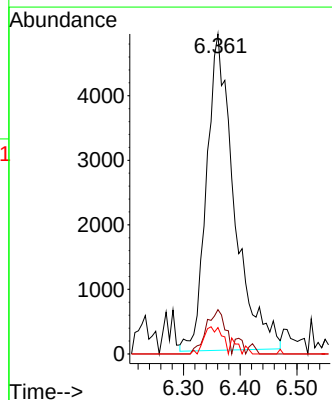
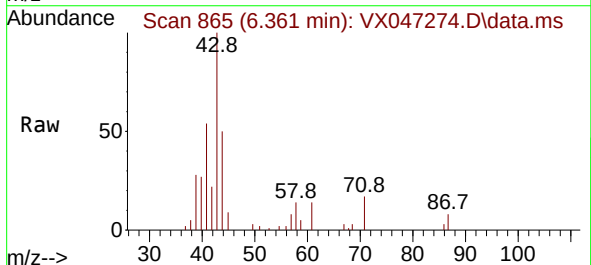
Tgt Ion: 43 Resp: 16635

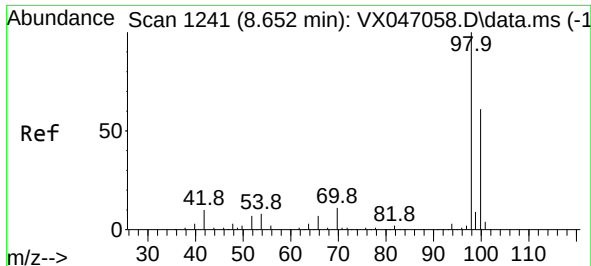
Ion Ratio Lower Upper

43 100

61 9.5 15.1 22.7#

87 5.6 9.7 14.5#

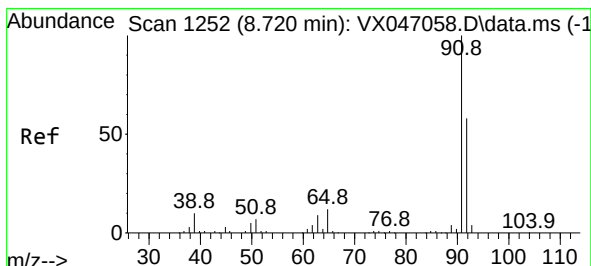
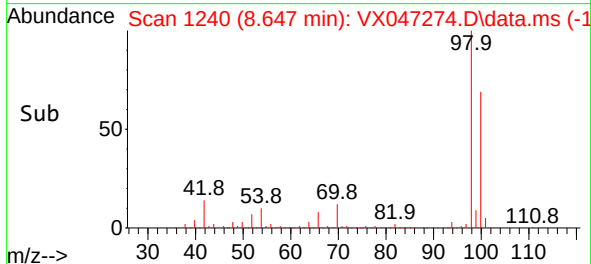
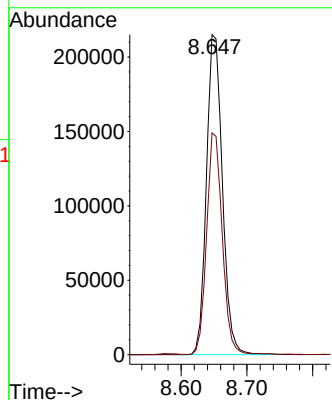
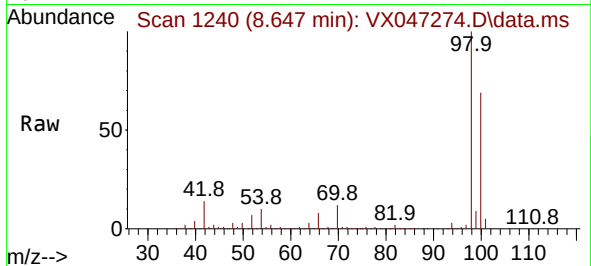




#50
Toluene-d8
Concen: 42.090 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

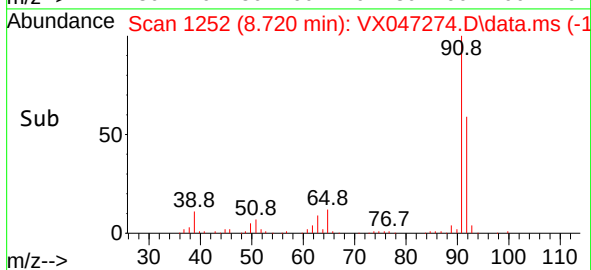
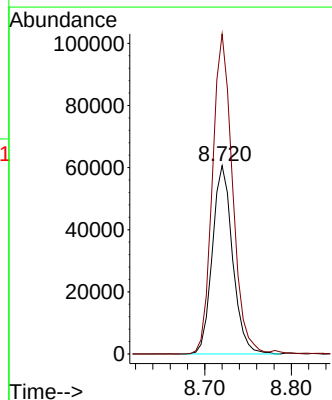
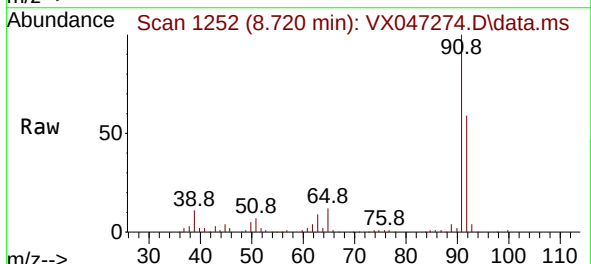
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

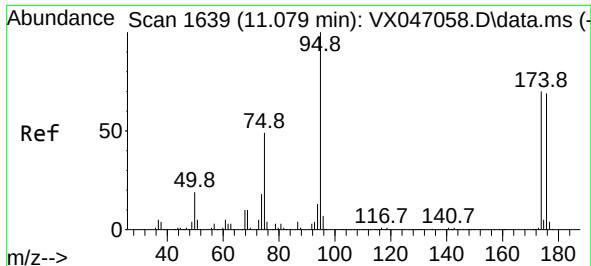
Tgt Ion: 98 Resp: 363132
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#52
Toluene
Concen: 12.182 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

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

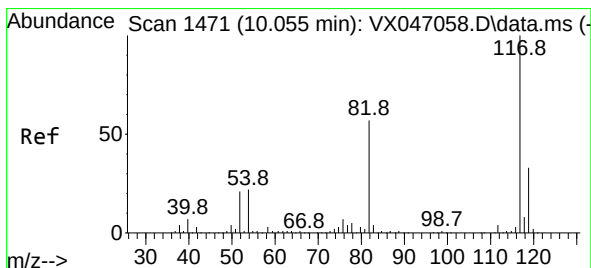
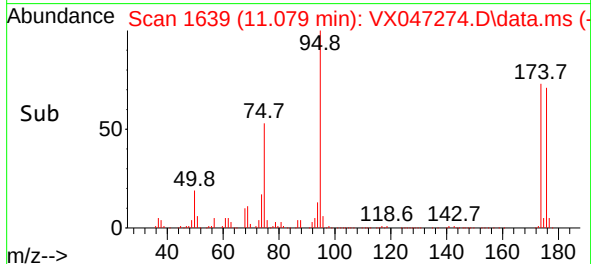
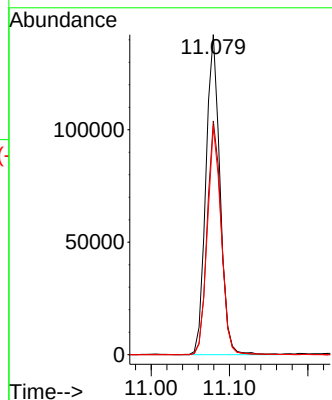
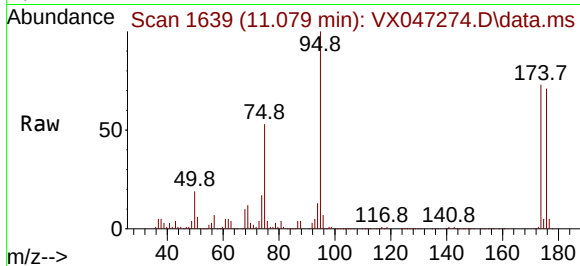




#62
4-Bromofluorobenzene
Concen: 47.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

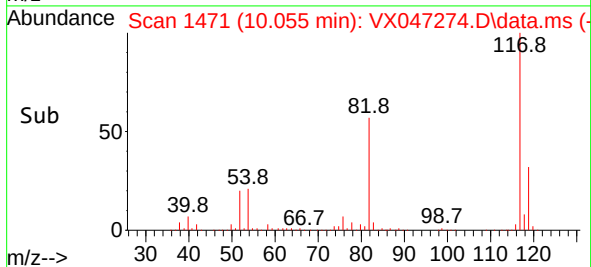
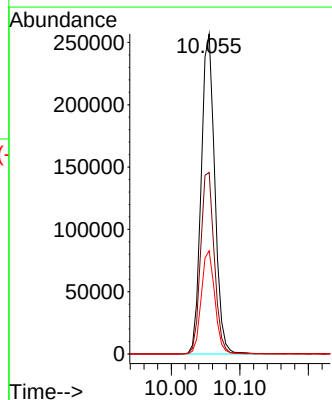
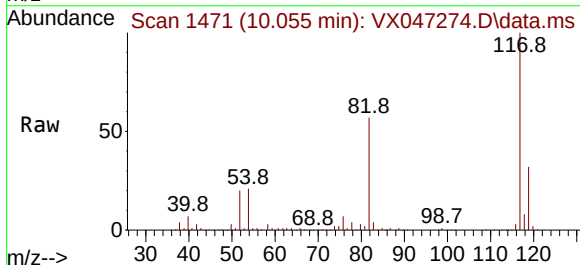
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

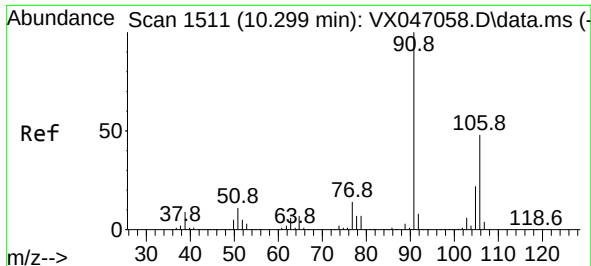
Tgt Ion: 95 Resp: 177040
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 70.0 0.0 139.6



#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

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

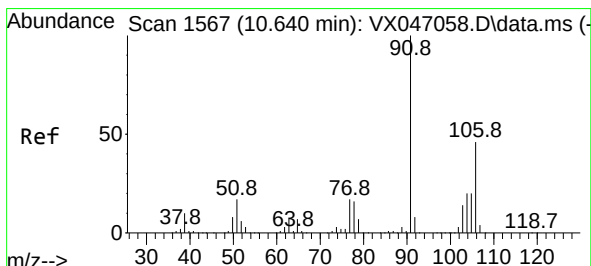
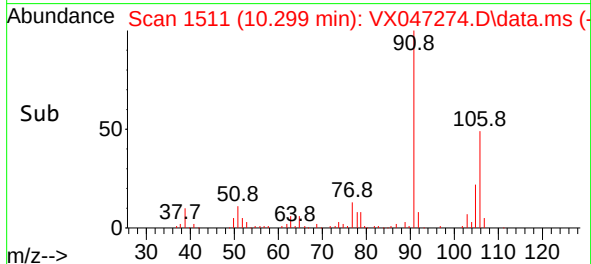
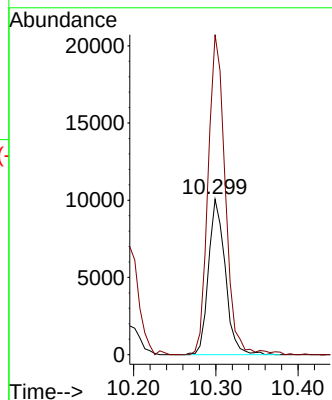
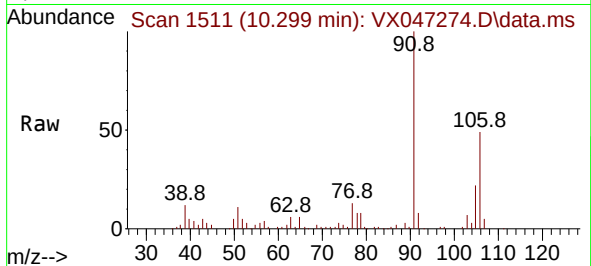




#68
m/p-Xylenes
Concen: 2.609 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

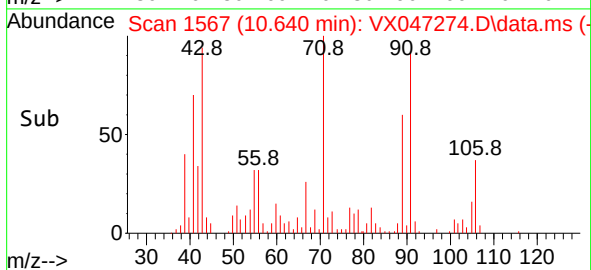
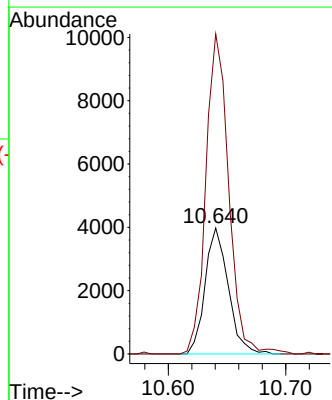
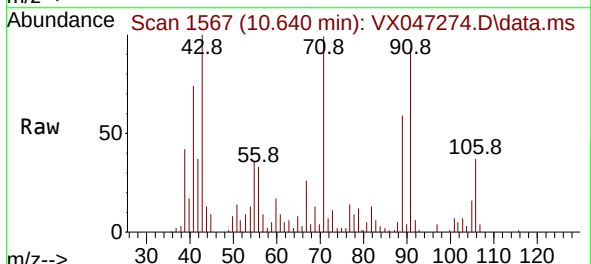
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

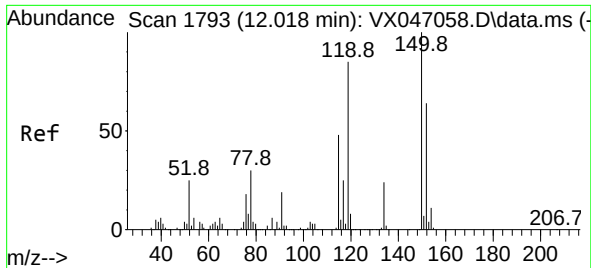
Tgt Ion:106 Resp: 14216
Ion Ratio Lower Upper
106 100
91 211.8 167.4 251.0



#69
o-Xylene
Concen: 1.052 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047274.D
Acq: 08 Aug 2025 16:12

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

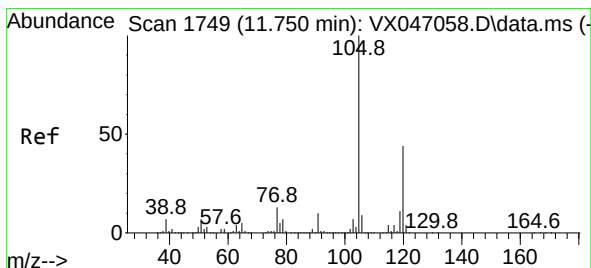
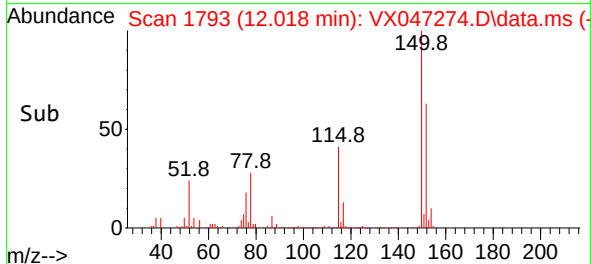
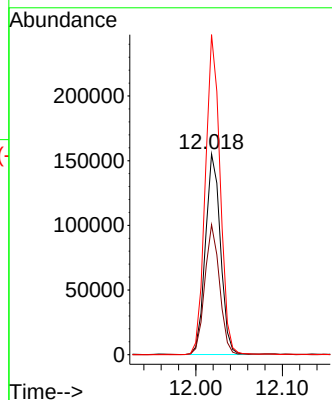
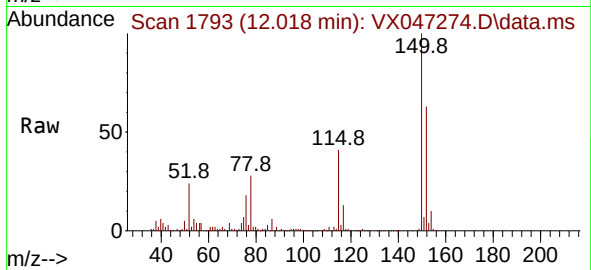




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX047274.D
 Acq: 08 Aug 2025 16:12

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



#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

