

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047276.D
 Acq On : 08 Aug 2025 16:54
 Operator : JC/MD
 Sample : Q2791-01
 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)

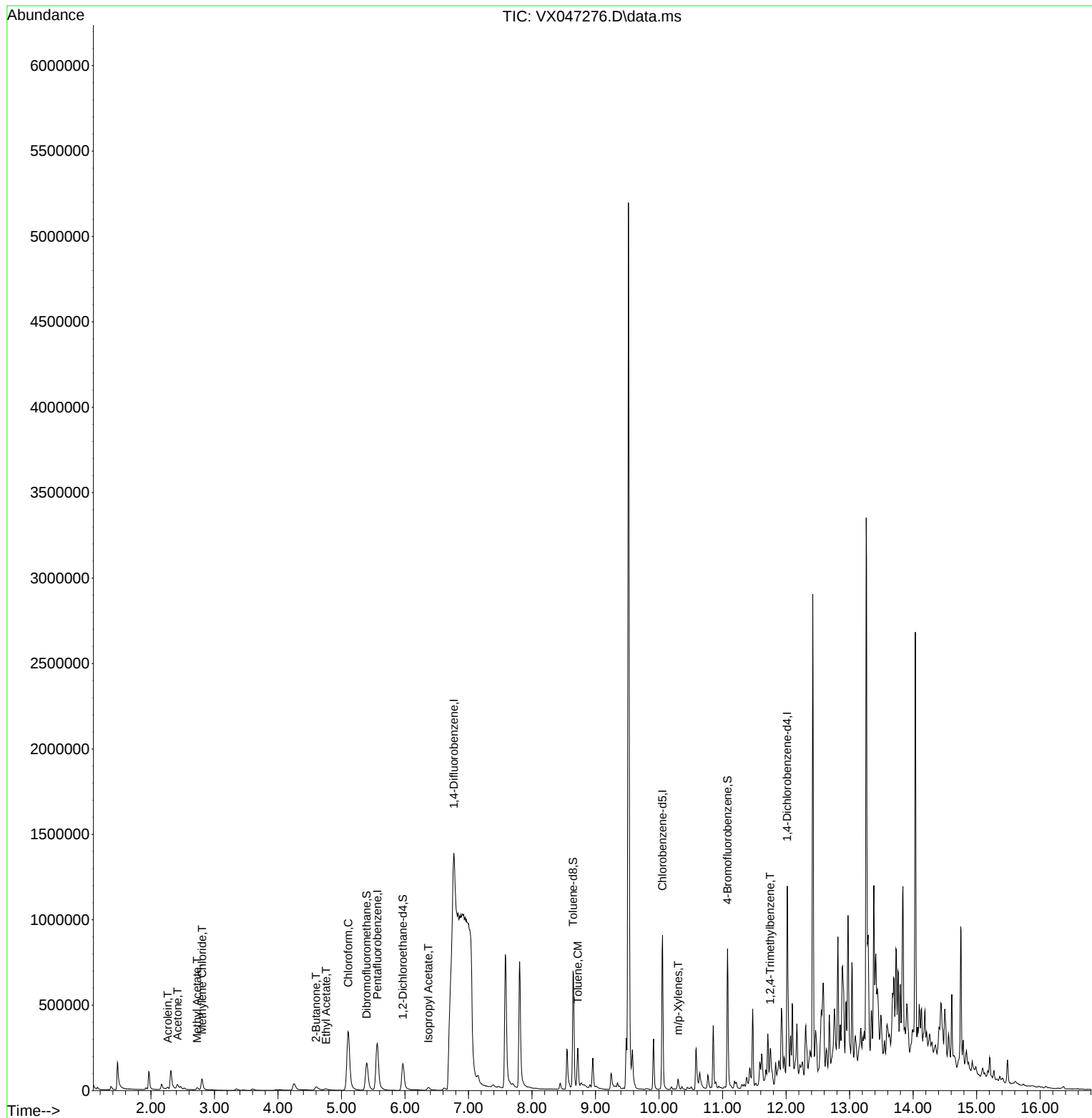
Internal Standards						
1) Pentafluorobenzene	5.562	168	282257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	474035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
13) Acrolein	2.264	56	11990m	15.837	ug/l	
16) Acetone	2.416	43	52288	37.122	ug/l #	77
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
30) Chloroform	5.105	83	466058	66.789	ug/l	97
37) Ethyl Acetate	4.757	43	21999m	4.785	ug/l	
43) Isopropyl Acetate	6.367	43	15499	2.163	ug/l #	80
52) Toluene	8.720	92	92907	10.465	ug/l	99
68) m/p-Xylenes	10.299	106	13753	2.278	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	49704	3.613	ug/l	91

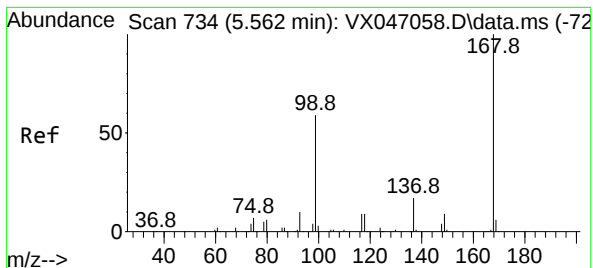
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.562 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

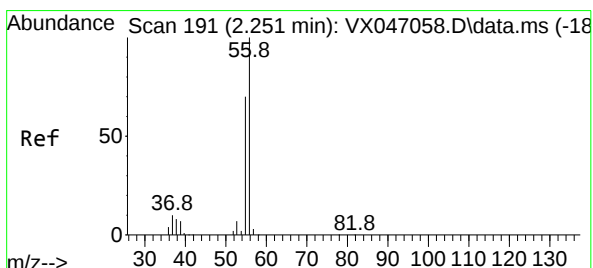
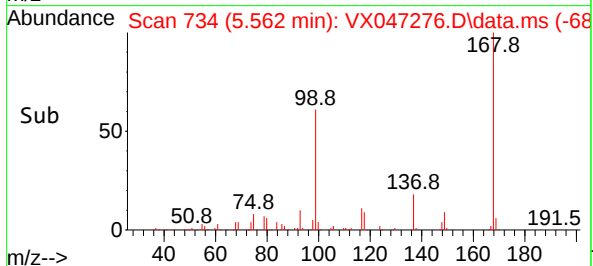
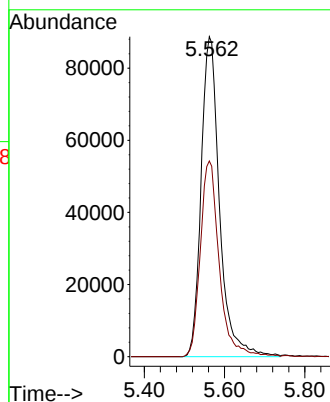
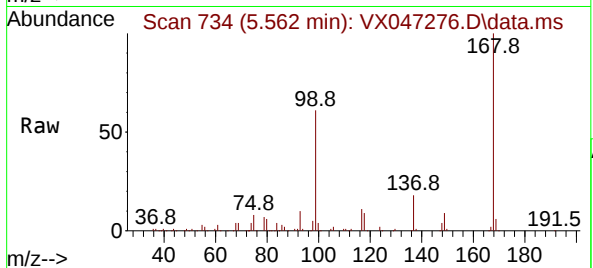
SLUDGE

Tgt Ion:168 Resp: 282257

Ion Ratio Lower Upper

168 100

99 61.1 48.0 72.0



#13

Acrolein

Concen: 15.837 ug/l m

RT: 2.264 min Scan# 193

Delta R.T. 0.012 min

Lab File: VX047276.D

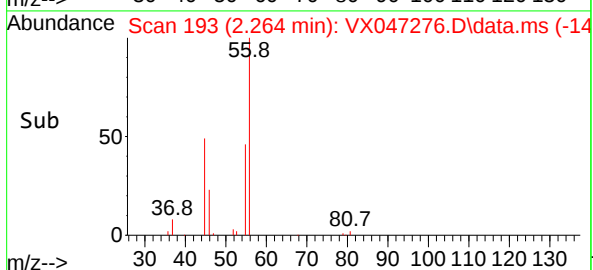
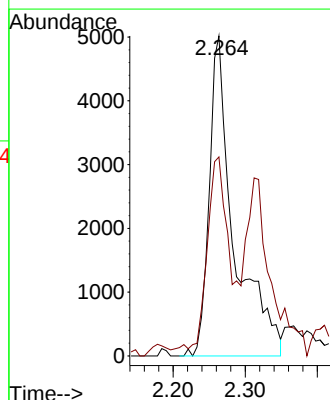
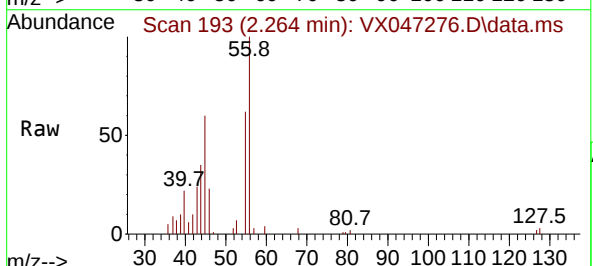
Acq: 08 Aug 2025 16:54

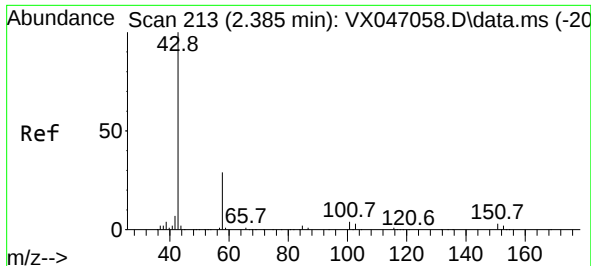
Tgt Ion: 56 Resp: 11990

Ion Ratio Lower Upper

56 100

55 56.1 55.7 83.5

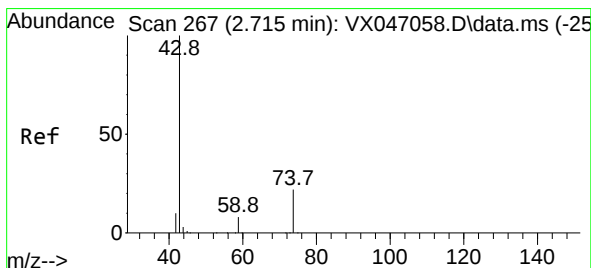
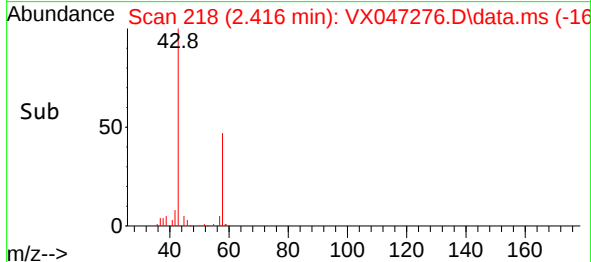
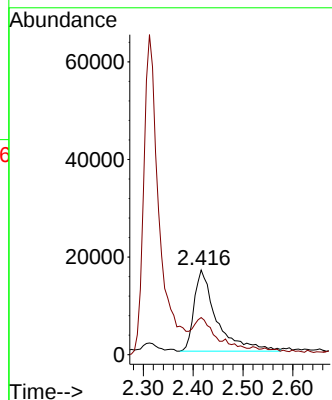
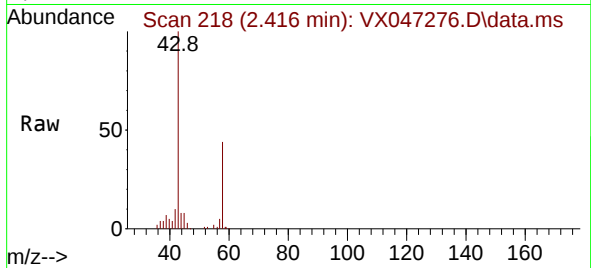




#16
Acetone
Concen: 37.122 ug/l
RT: 2.416 min Scan# 213
Delta R.T. 0.031 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

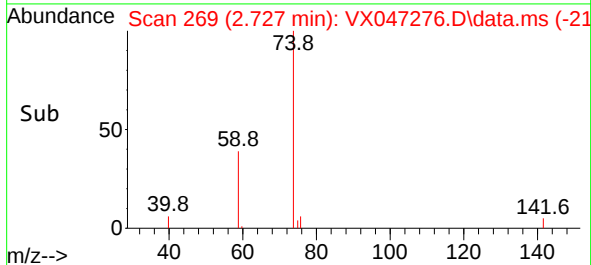
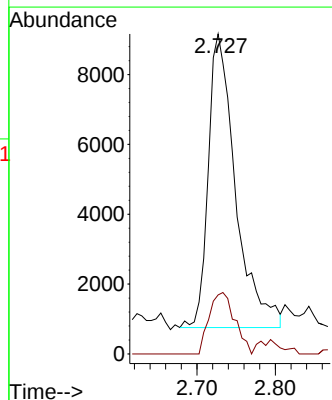
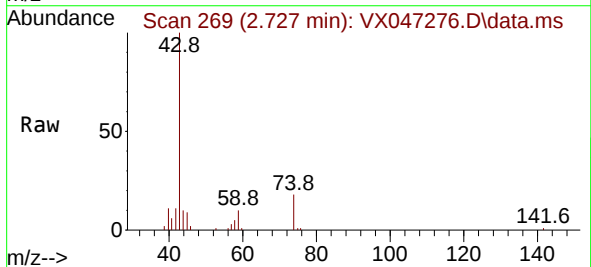
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

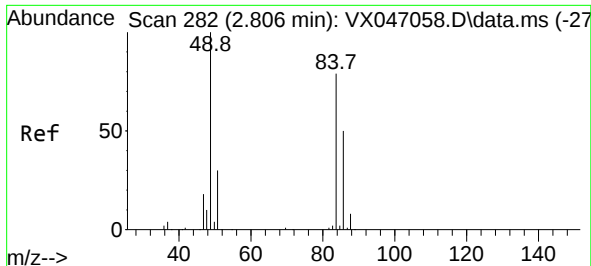
Tgt Ion: 43 Resp: 52288
Ion Ratio Lower Upper
43 100
58 42.3 24.0 36.0#



#18
Methyl Acetate
Concen: 5.432 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

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# 21

Delta R.T. 0.000 min

Lab File: VX047276.D

Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE

Tgt Ion: 84 Resp: 33381

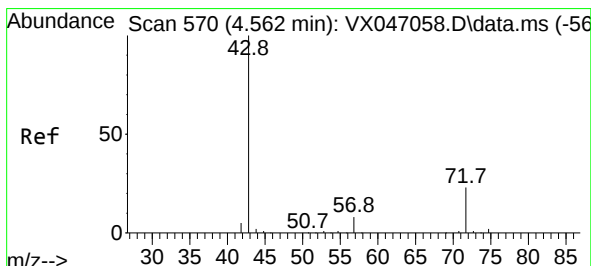
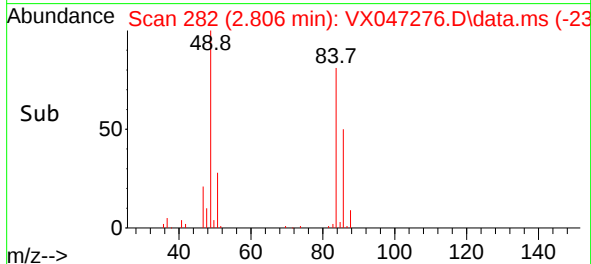
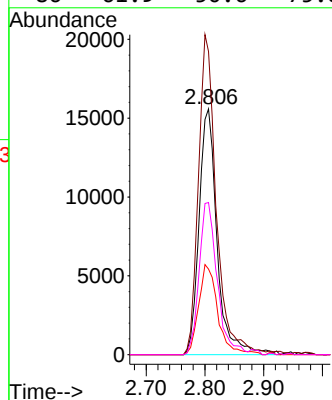
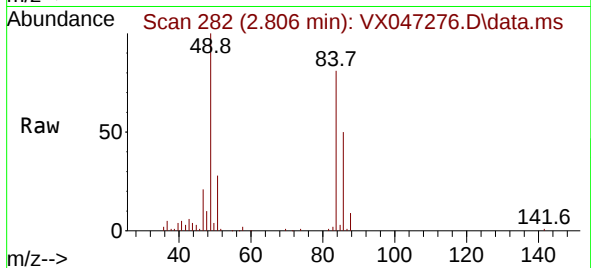
Ion Ratio Lower Upper

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# 576

Delta R.T. 0.037 min

Lab File: VX047276.D

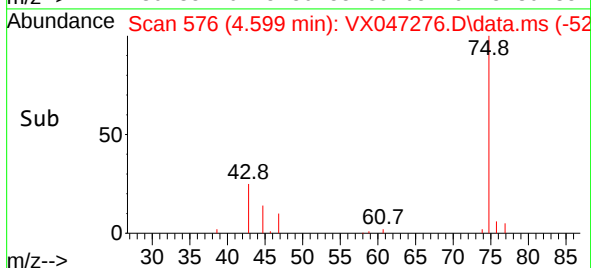
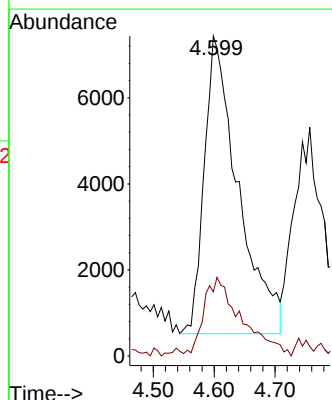
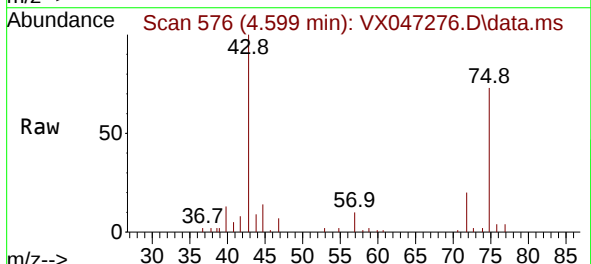
Acq: 08 Aug 2025 16:54

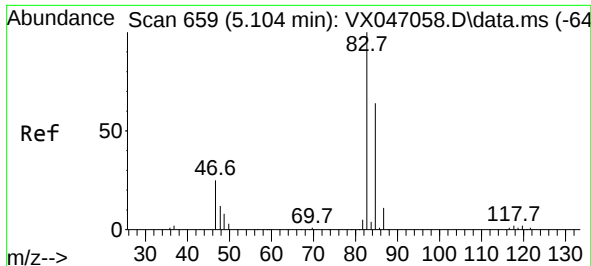
Tgt Ion: 43 Resp: 26738

Ion Ratio Lower Upper

43 100

72 23.6 18.8 28.2





#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 :

MSVOA_X

ClientSampleId :

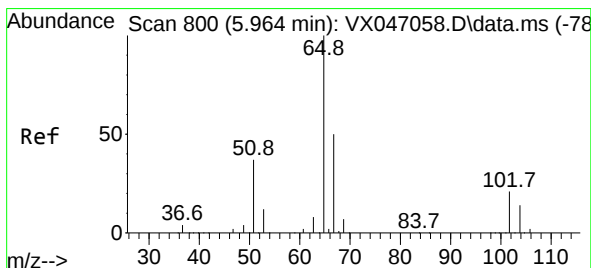
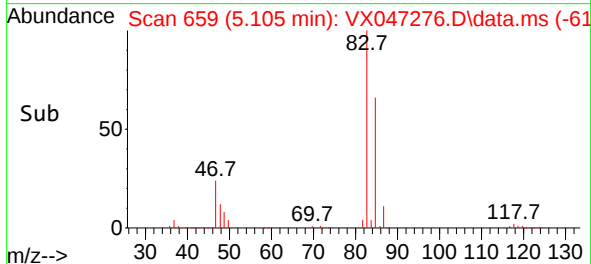
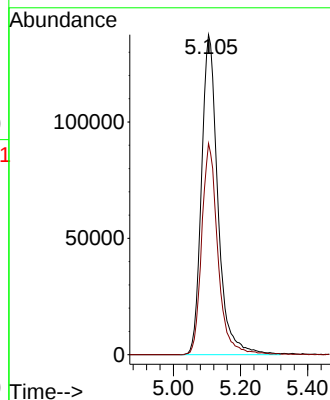
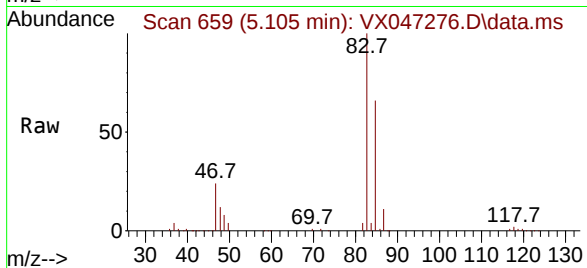
SLUDGE

Tgt Ion: 83 Resp: 466058

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3



#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

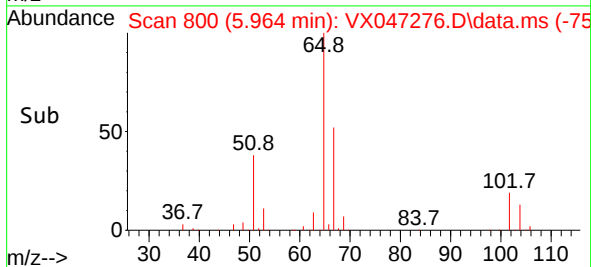
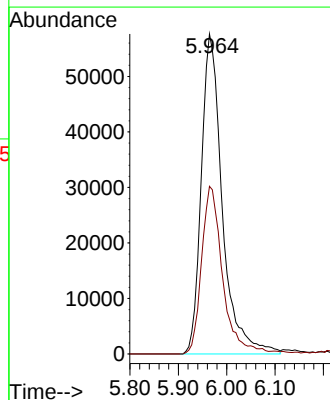
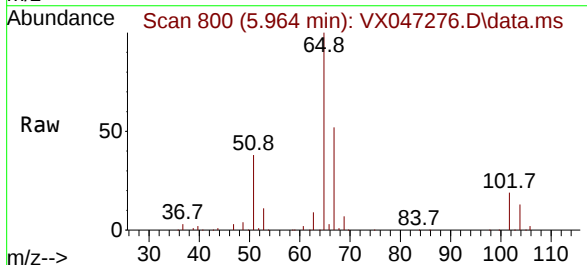
Acq: 08 Aug 2025 16:54

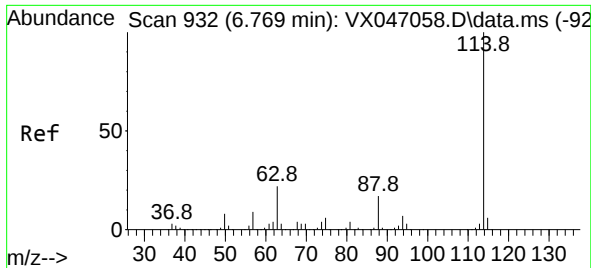
Tgt Ion: 65 Resp: 173779

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8

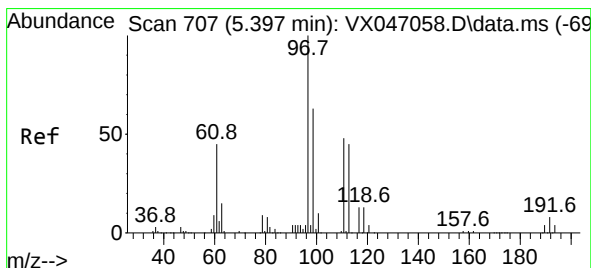
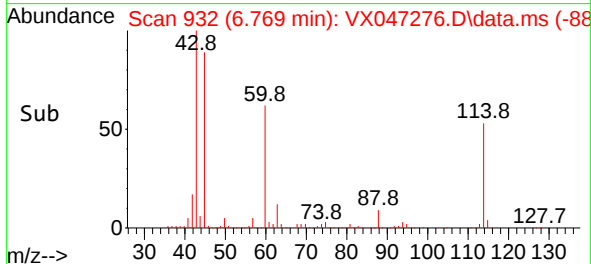
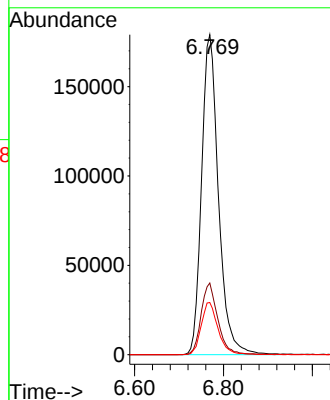
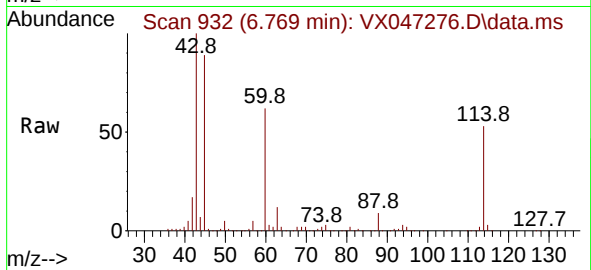




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

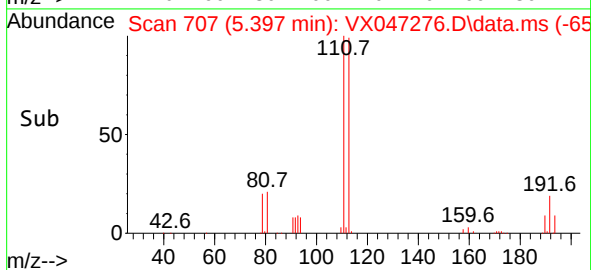
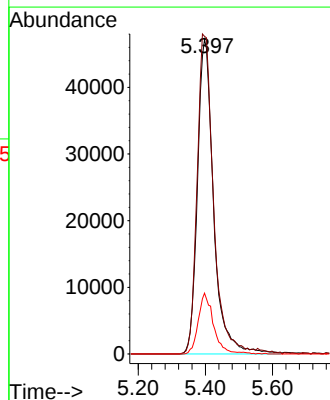
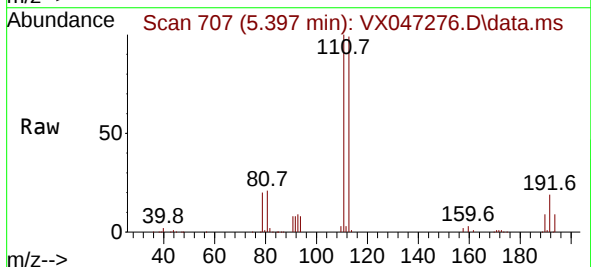
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

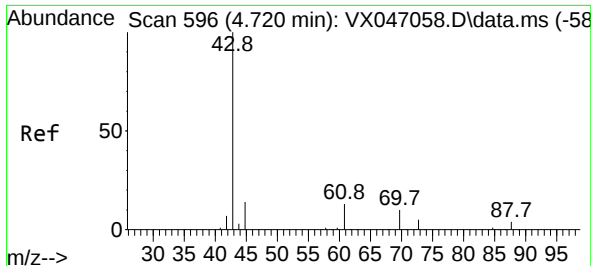
Tgt Ion:114 Resp: 474035
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.3 0.0 33.8



#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

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





#37

Ethyl Acetate

Concen: 4.785 ug/l m

RT: 4.757 min Scan# 602

Delta R.T. 0.037 min

Lab File: VX047276.D

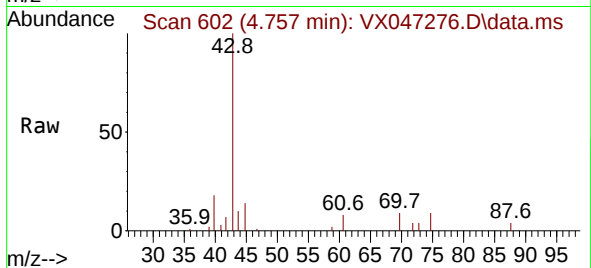
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Instrument :

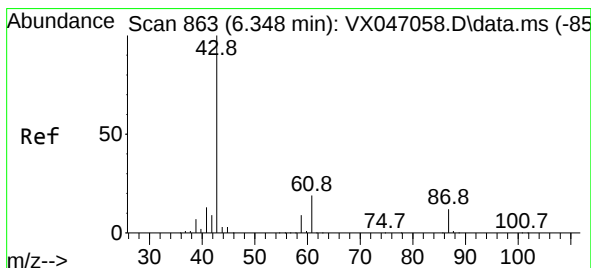
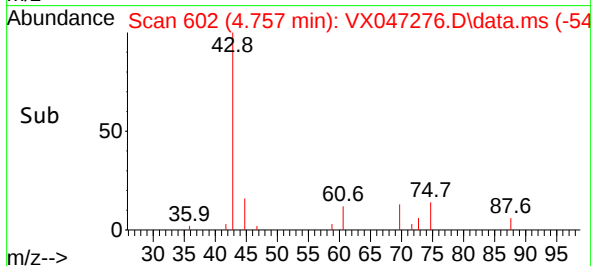
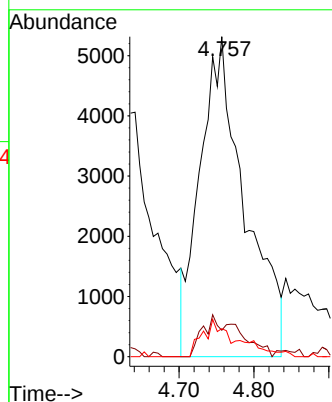
MSVOA_X

ClientSampleId :

SLUDGE



Tgt Ion:	43	Resp:	21999
Ion	Ratio	Lower	Upper
43	100		
61	5.2	10.2	15.2#
70	6.2	8.1	12.1#



#43

Isopropyl Acetate

Concen: 2.163 ug/l

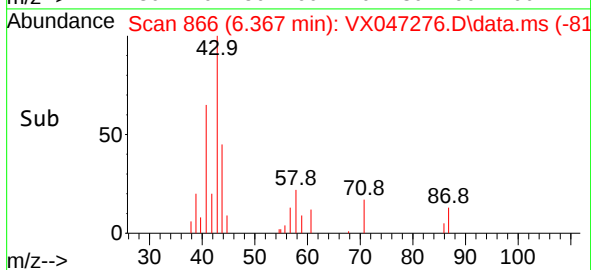
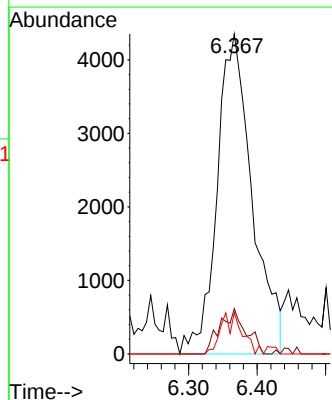
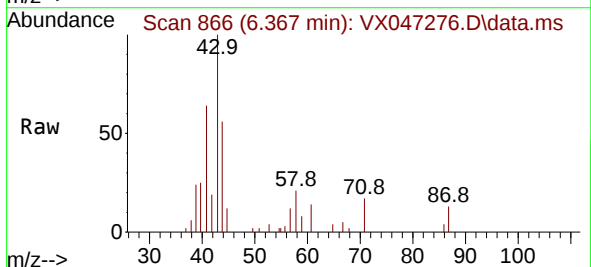
RT: 6.367 min Scan# 866

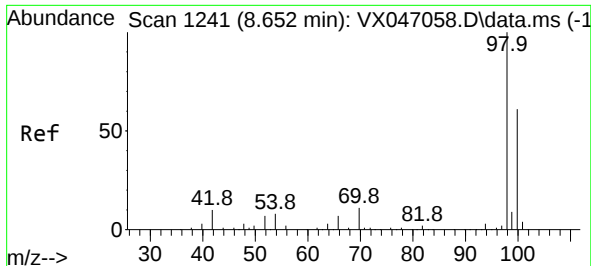
Delta R.T. 0.018 min

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#

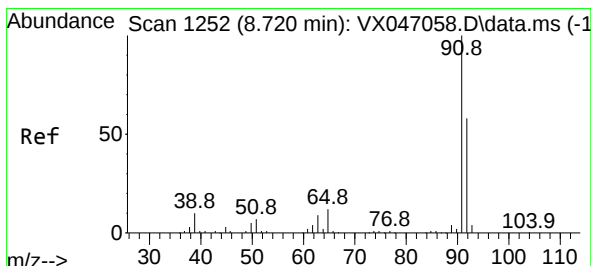
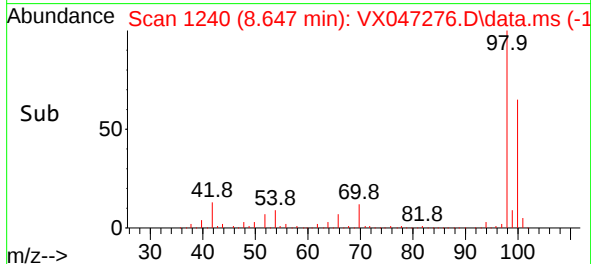
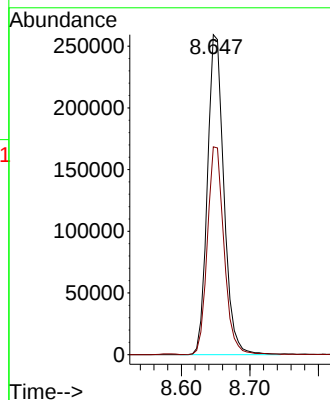
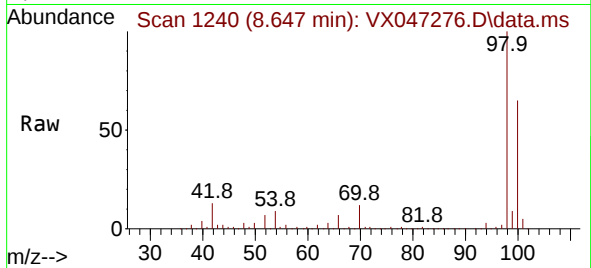




#50
Toluene-d8
Concen: 45.777 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

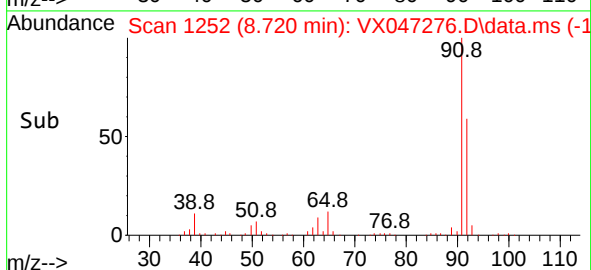
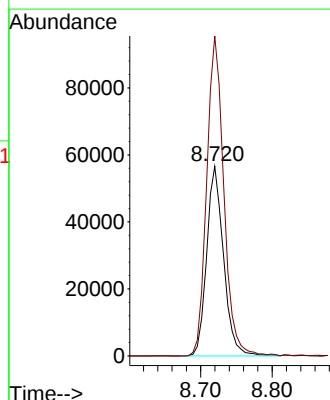
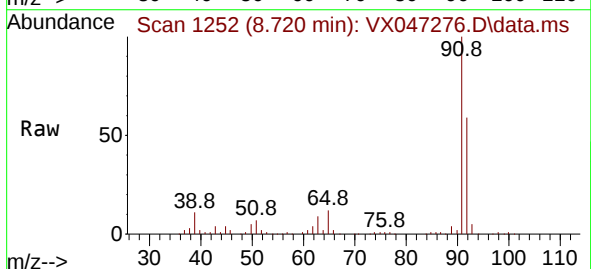
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

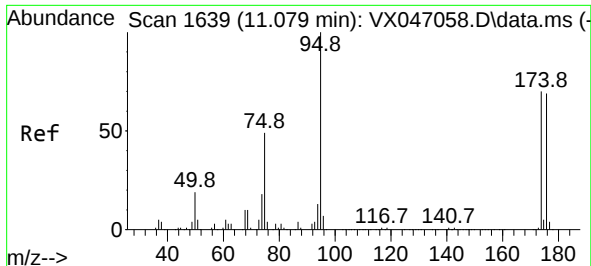
Tgt Ion: 98 Resp: 433897
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#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

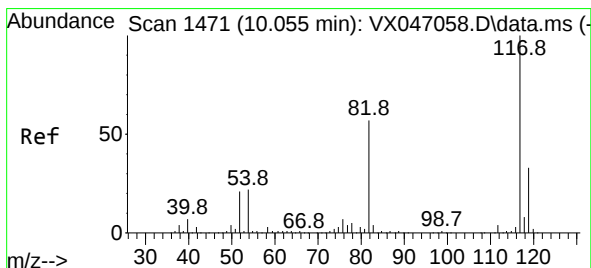
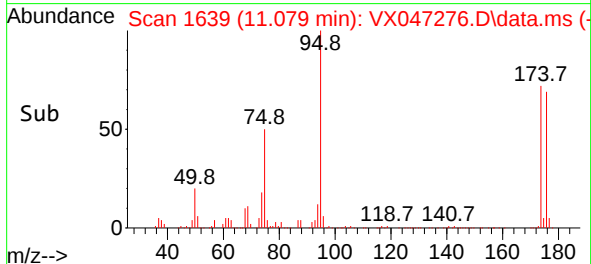
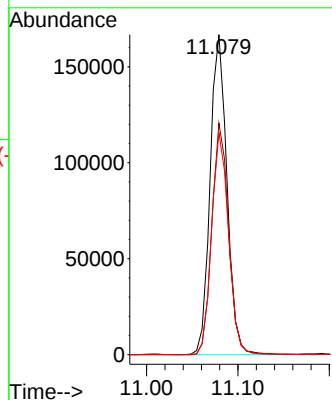
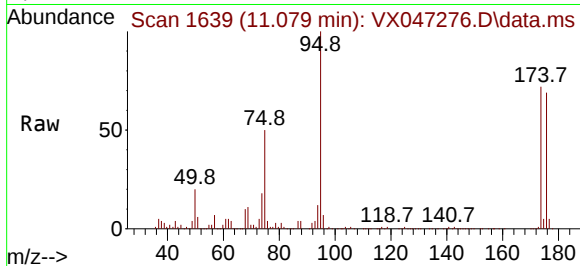




#62
4-Bromofluorobenzene
Concen: 52.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

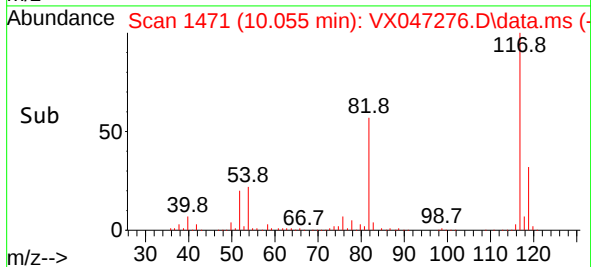
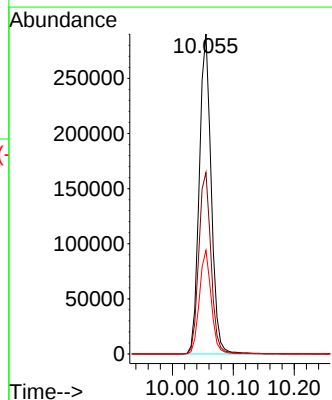
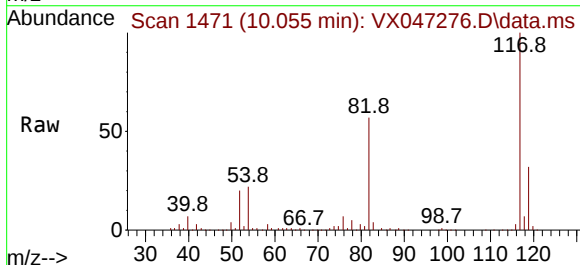
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

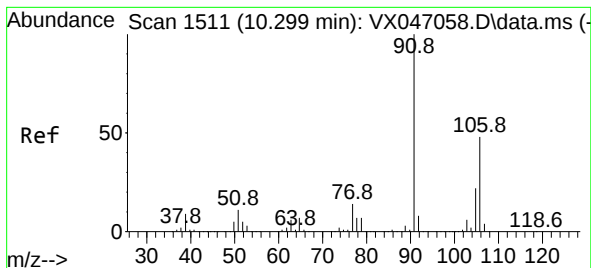
Tgt Ion: 95 Resp: 212723
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 70.0 0.0 139.6



#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

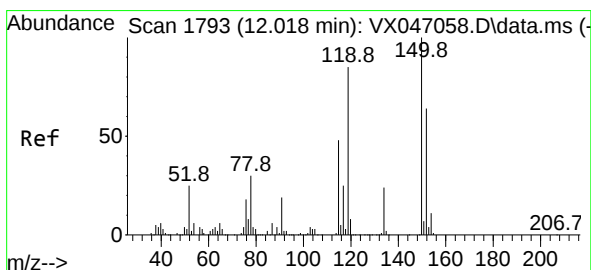
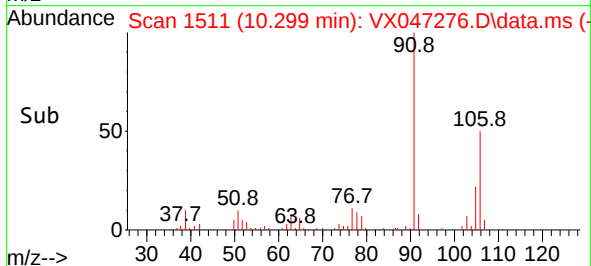
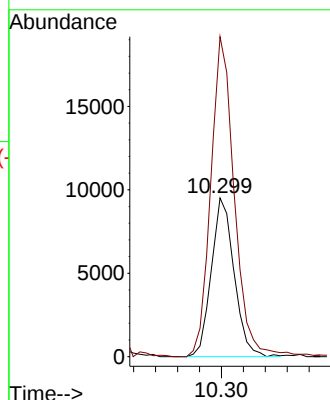
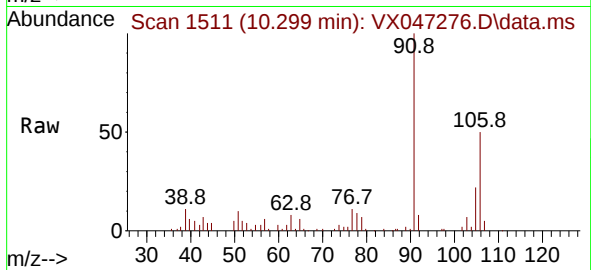




#68
m/p-Xylenes
Concen: 2.278 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047276.D
Acq: 08 Aug 2025 16:54

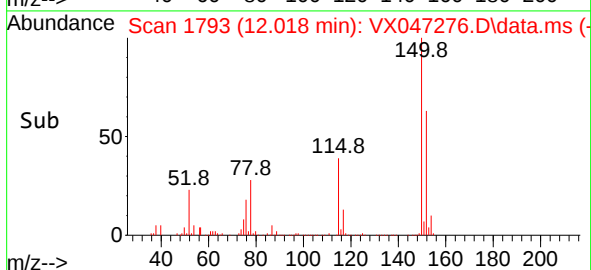
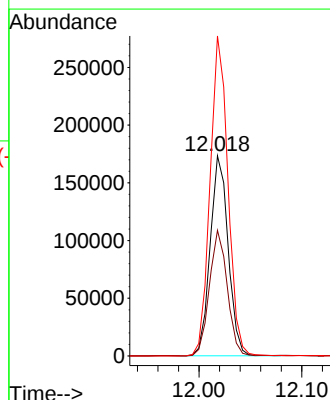
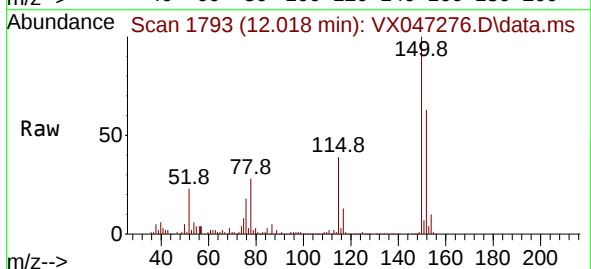
Instrument :
MSVOA_X
ClientSampleId :
SLUDGE

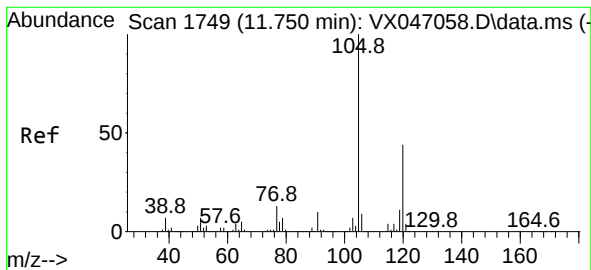
Tgt Ion:106 Resp: 13753
Ion Ratio Lower Upper
106 100
91 209.4 167.4 251.0



#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





#84

1,2,4-Trimethylbenzene

Concen: 3.613 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047276.D

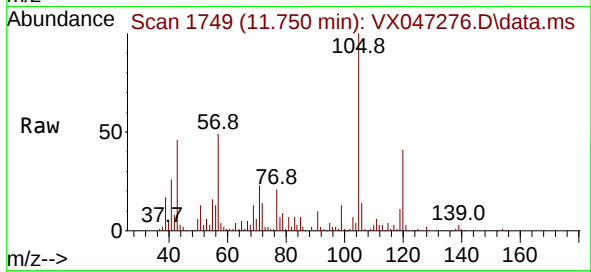
Acq: 08 Aug 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SLUDGE



Tgt Ion:105 Resp: 49704

Ion Ratio Lower Upper

105 100

120 38.1 22.0 66.0

