

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045811.D
 Acq On : 16 Apr 2025 16:31
 Operator : JC/MD
 Sample : Q1808-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-PILE

Quant Time: Apr 17 01:38:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	137895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68134	54.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.480%			
35) Dibromofluoromethane	5.385	113	48801	49.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.647	98	173697	50.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	68372	54.967	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.940%			
Target Compounds						
16) Acetone	2.380	43	31391	60.854	ug/l	96
18) Methyl Acetate	2.709	43	2278	1.918	ug/l	93
20) Methylene Chloride	2.788	84	2977	3.083	ug/l #	92
25) 2-Butanone	4.599	43	3816m	5.054	ug/l	
43) Isopropyl Acetate	6.348	43	11519	4.565	ug/l	99

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

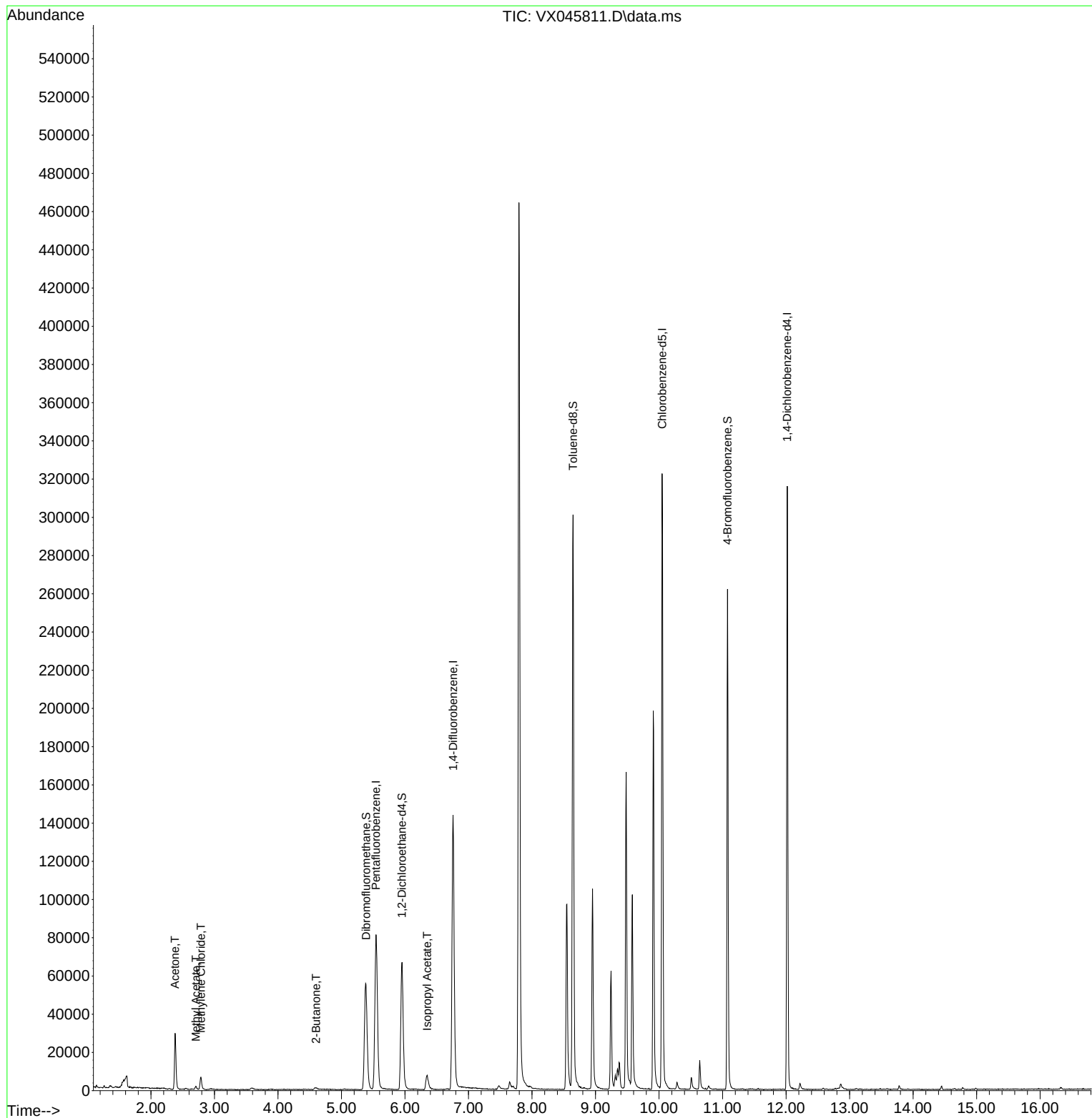
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045811.D
Acq On : 16 Apr 2025 16:31
Operator : JC/MD
Sample : Q1808-02
Misc : 5.0mL/MSVOA_X/WATER
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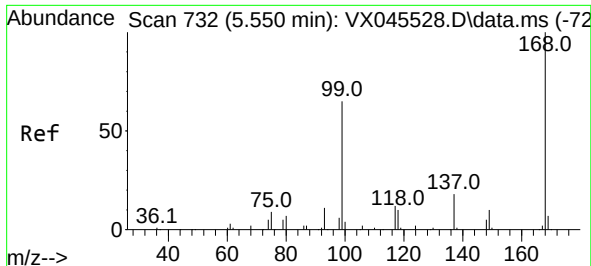
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE

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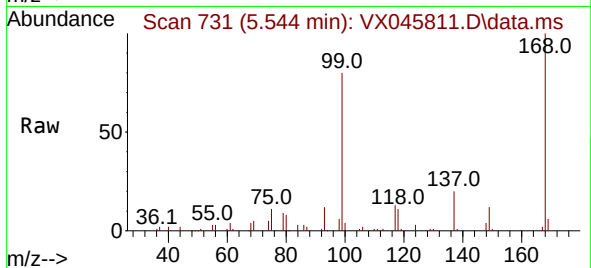
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

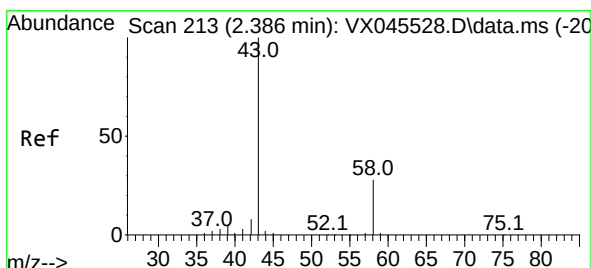
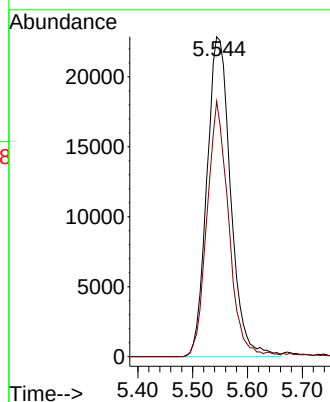
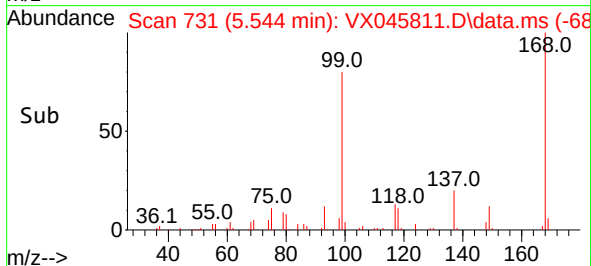
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE



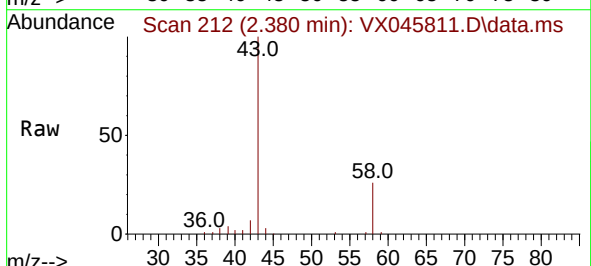
Tgt Ion:168 Resp: 6869
Ion Ratio Lower Upper
168 100
99 79.8 52.3 78.5

Manual Integrations
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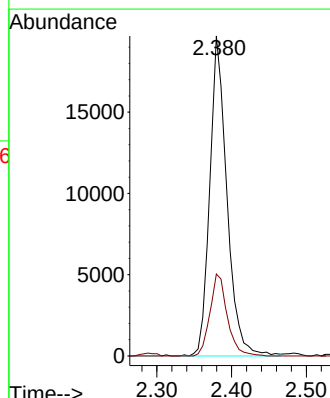
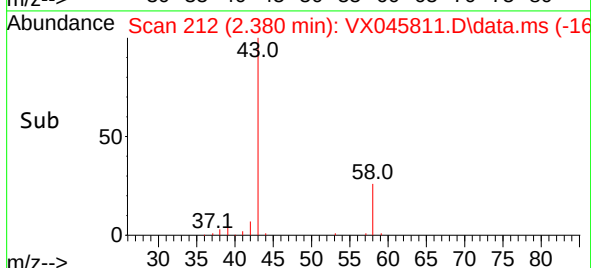
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

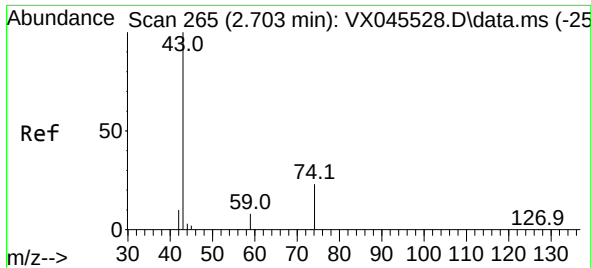


#16
Acetone
Concen: 60.854 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31



Tgt Ion: 43 Resp: 31391
Ion Ratio Lower Upper
43 100
58 25.6 22.3 33.5





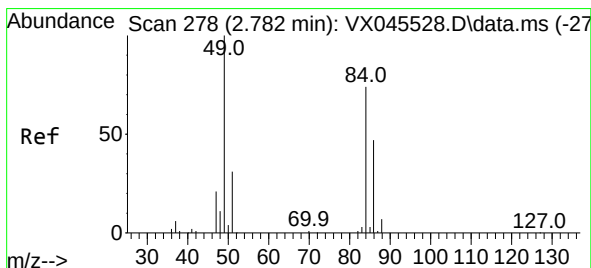
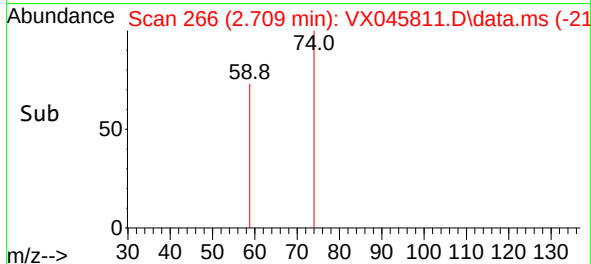
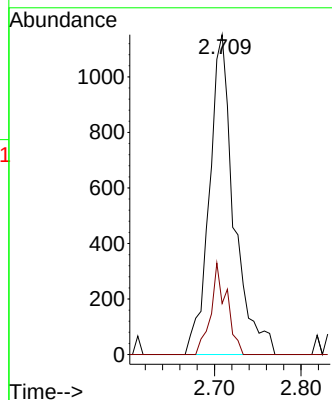
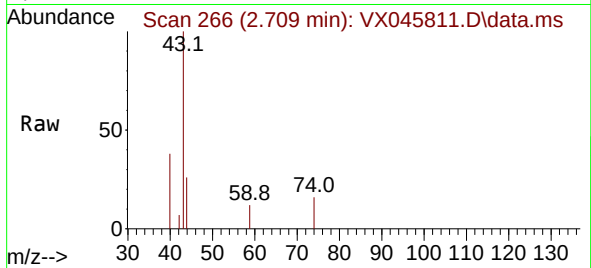
#18
Methyl Acetate
Concen: 1.918 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
74 18.6 17.5 26.3

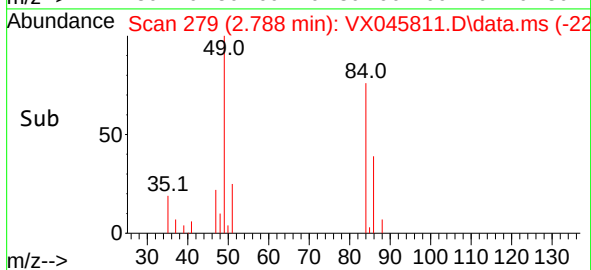
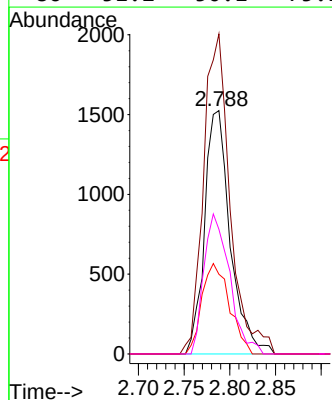
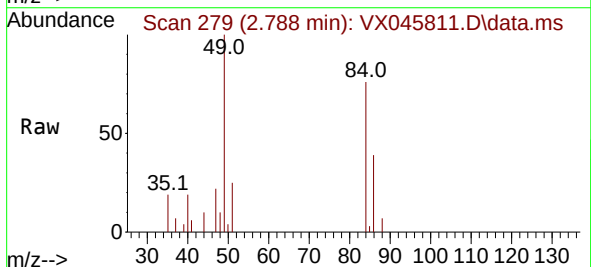
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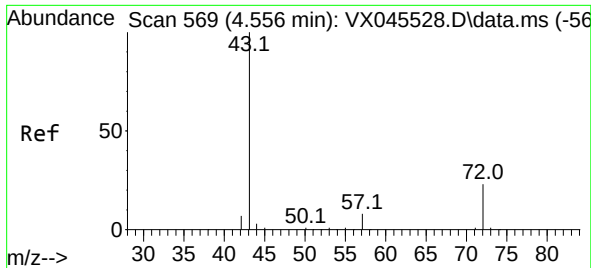
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 3.083 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

Tgt Ion: 84 Resp: 2977
Ion Ratio Lower Upper
84 100
49 131.5 107.5 161.3
51 32.7 33.0 49.6#
86 51.2 50.1 75.1





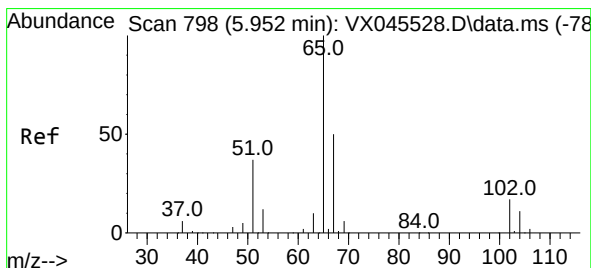
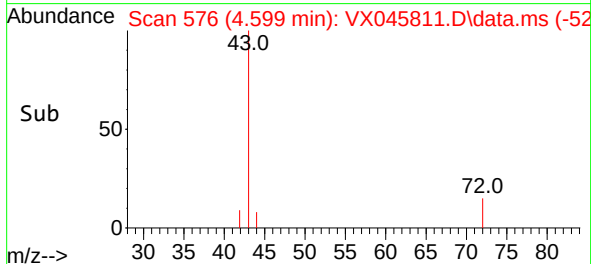
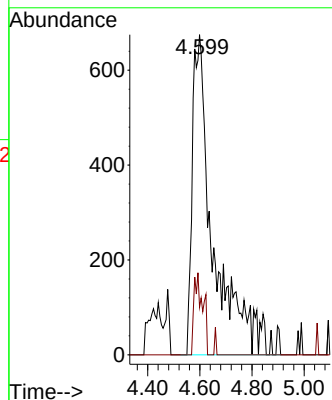
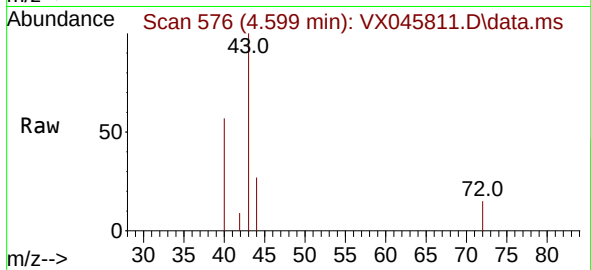
#25
2-Butanone
Concen: 5.054 ug/l m
RT: 4.599 min Scan# 5
Delta R.T. 0.043 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE

Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
72 14.8 18.6 28.0

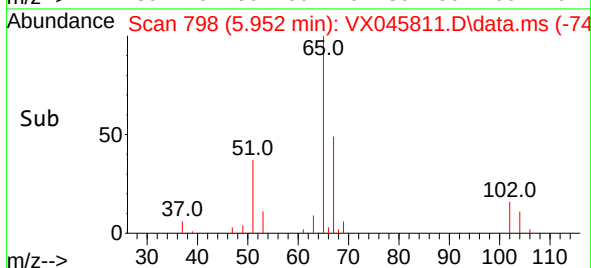
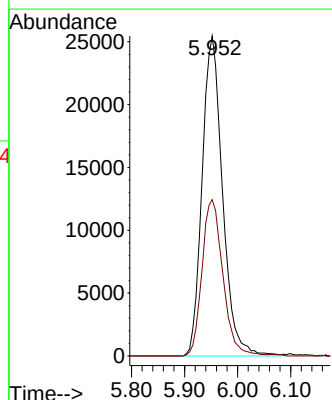
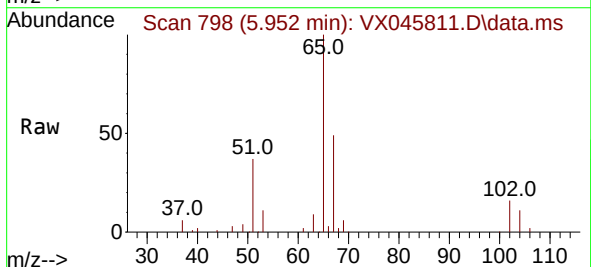
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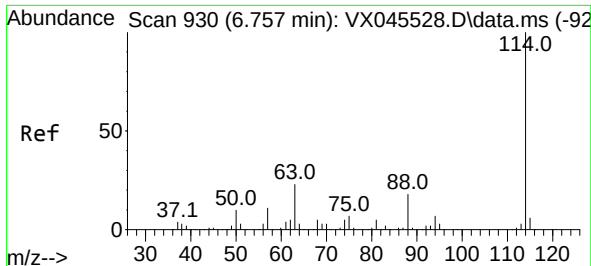
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#33
1,2-Dichloroethane-d4
Concen: 54.237 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

Tgt Ion: 65 Resp: 68134
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0





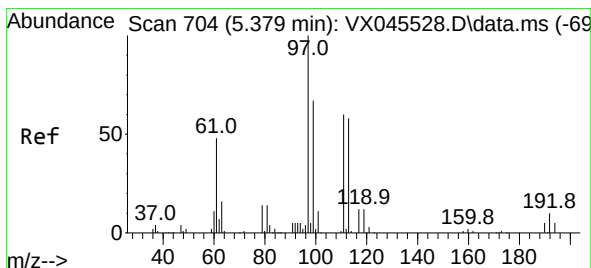
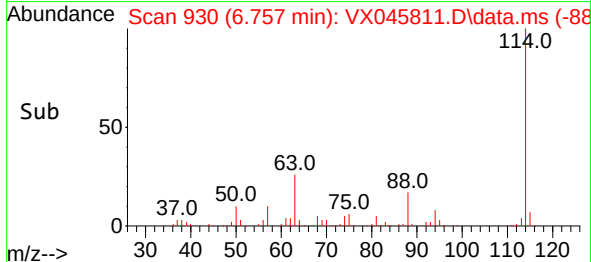
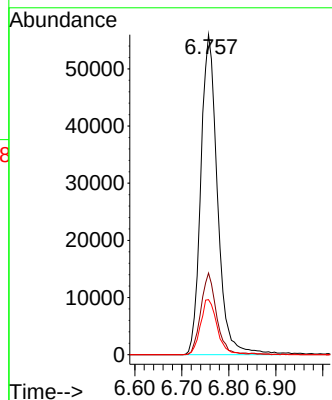
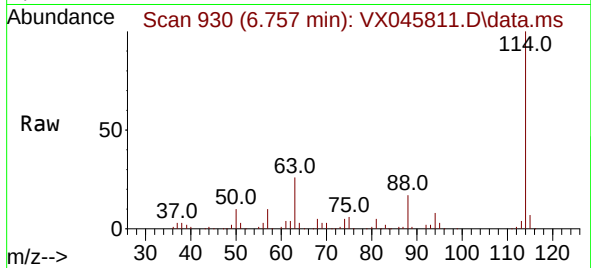
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE

Tgt Ion:114 Resp: 137895
Ion Ratio Lower Upper
114 100
63 25.5 0.0 46.8
88 17.2 0.0 35.4

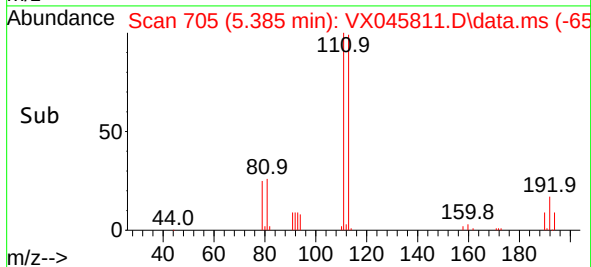
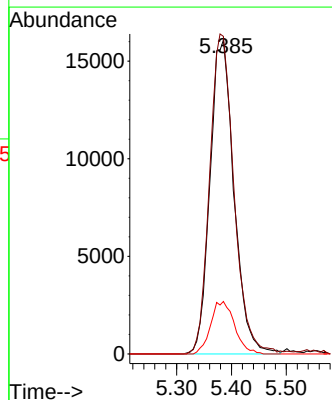
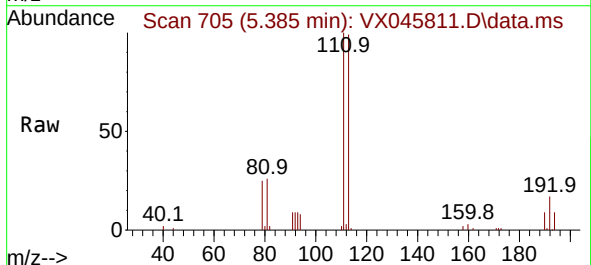
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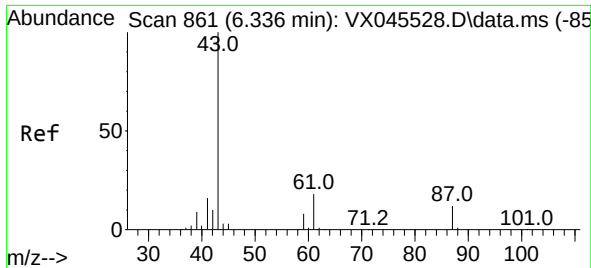
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#35
Dibromofluoromethane
Concen: 49.880 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

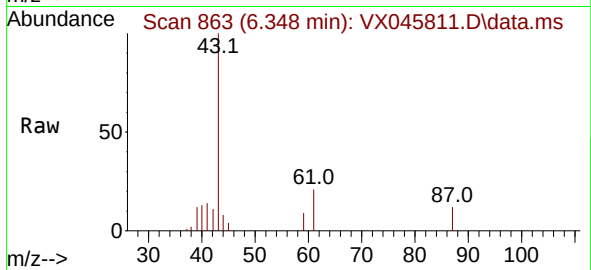
Tgt Ion:113 Resp: 48801
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.7 13.8 20.6





#43
Isopropyl Acetate
Concen: 4.565 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

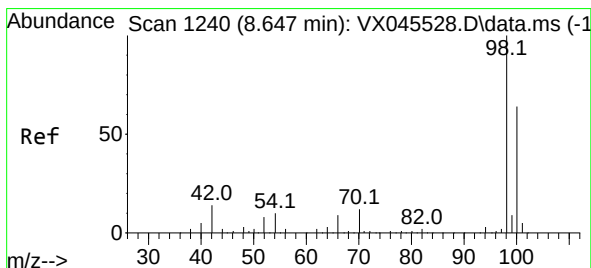
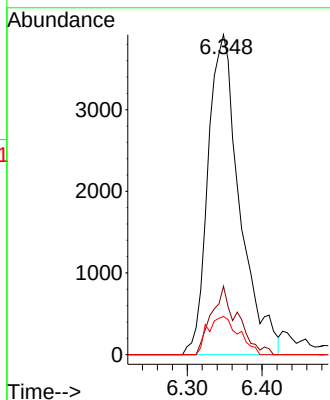
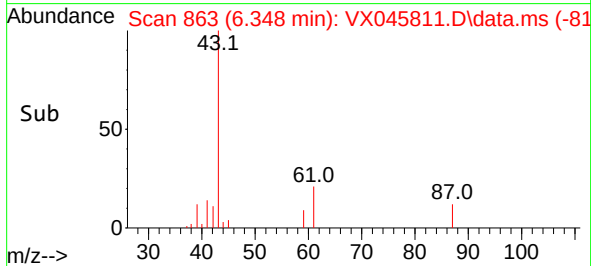
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE



Tgt Ion: 43 Resp: 11519
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.7 9.2 13.8

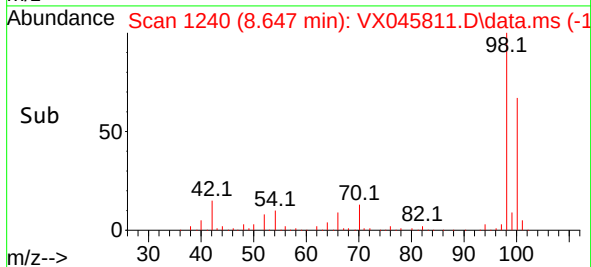
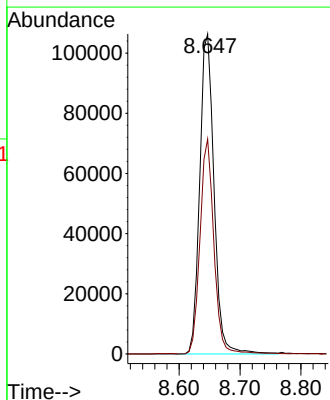
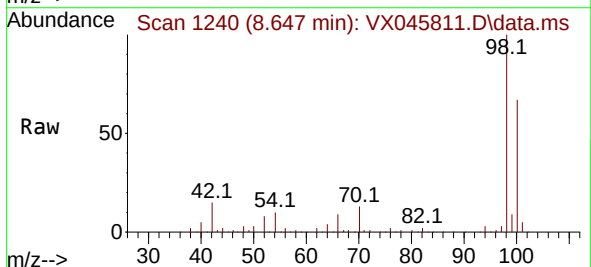
Manual Integrations
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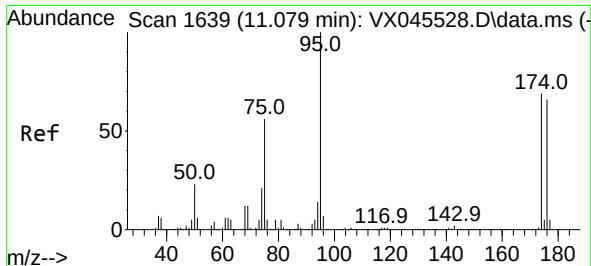
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 50.865 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

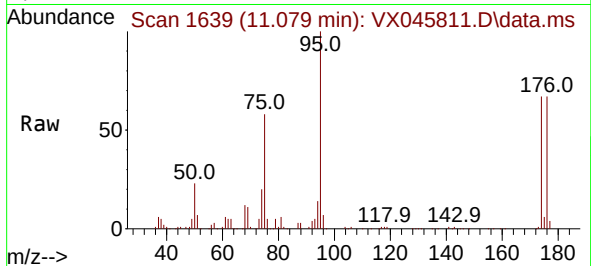
Tgt Ion: 98 Resp: 173697
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 54.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31

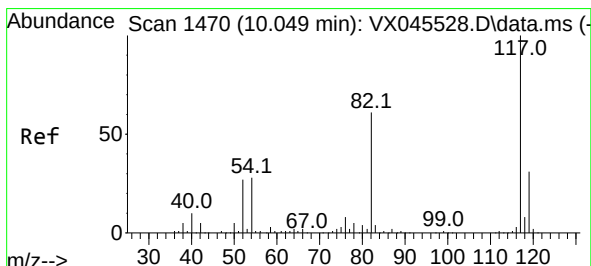
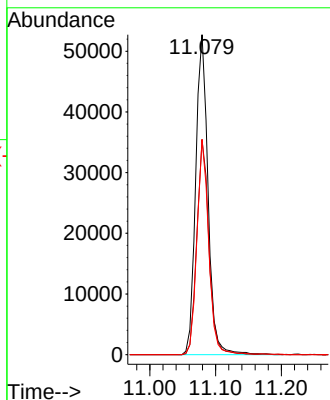
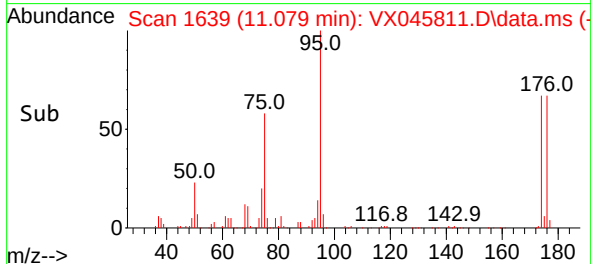
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-PILE



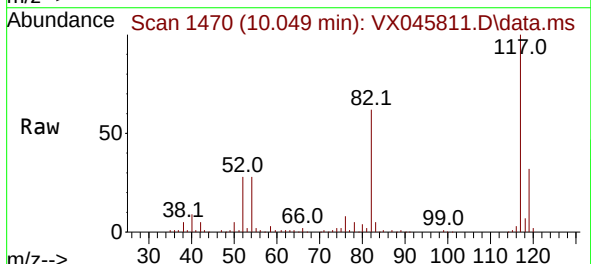
Tgt Ion: 95 Resp: 68372
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.6 0.0 131.4

Manual Integrations
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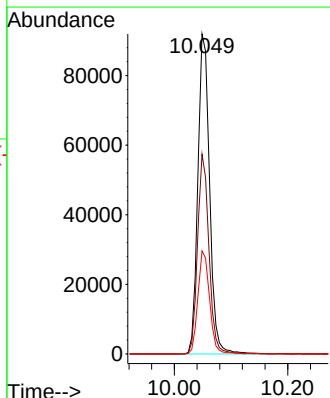
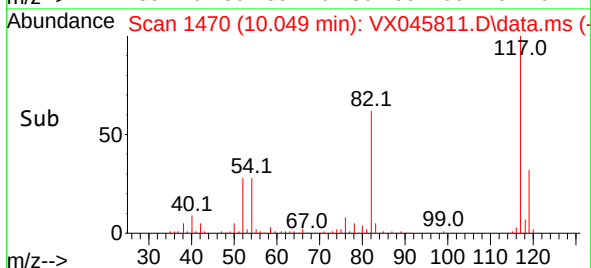
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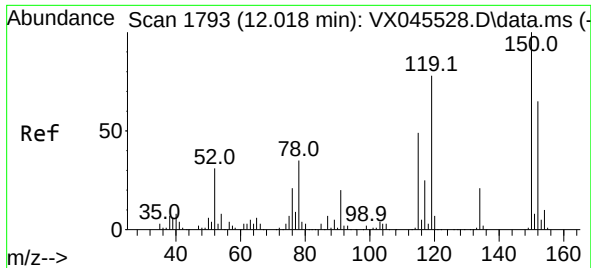


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045811.D
Acq: 16 Apr 2025 16:31



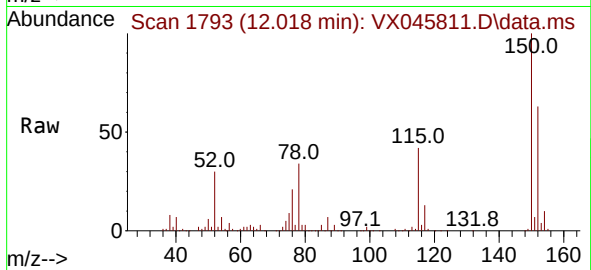
Tgt Ion:117 Resp: 132226
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.2 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045811.D
 Acq: 16 Apr 2025 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-PILE



Tgt Ion:152 Resp: 57054
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 158.8 0.0 349.4

Manual Integrations
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