

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045307.D
 Acq On : 17 Mar 2025 15:49
 Operator : JC/MD
 Sample : Q1569-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TAP-IDW-SOIL-031325-01

Quant Time: Mar 18 02:22:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

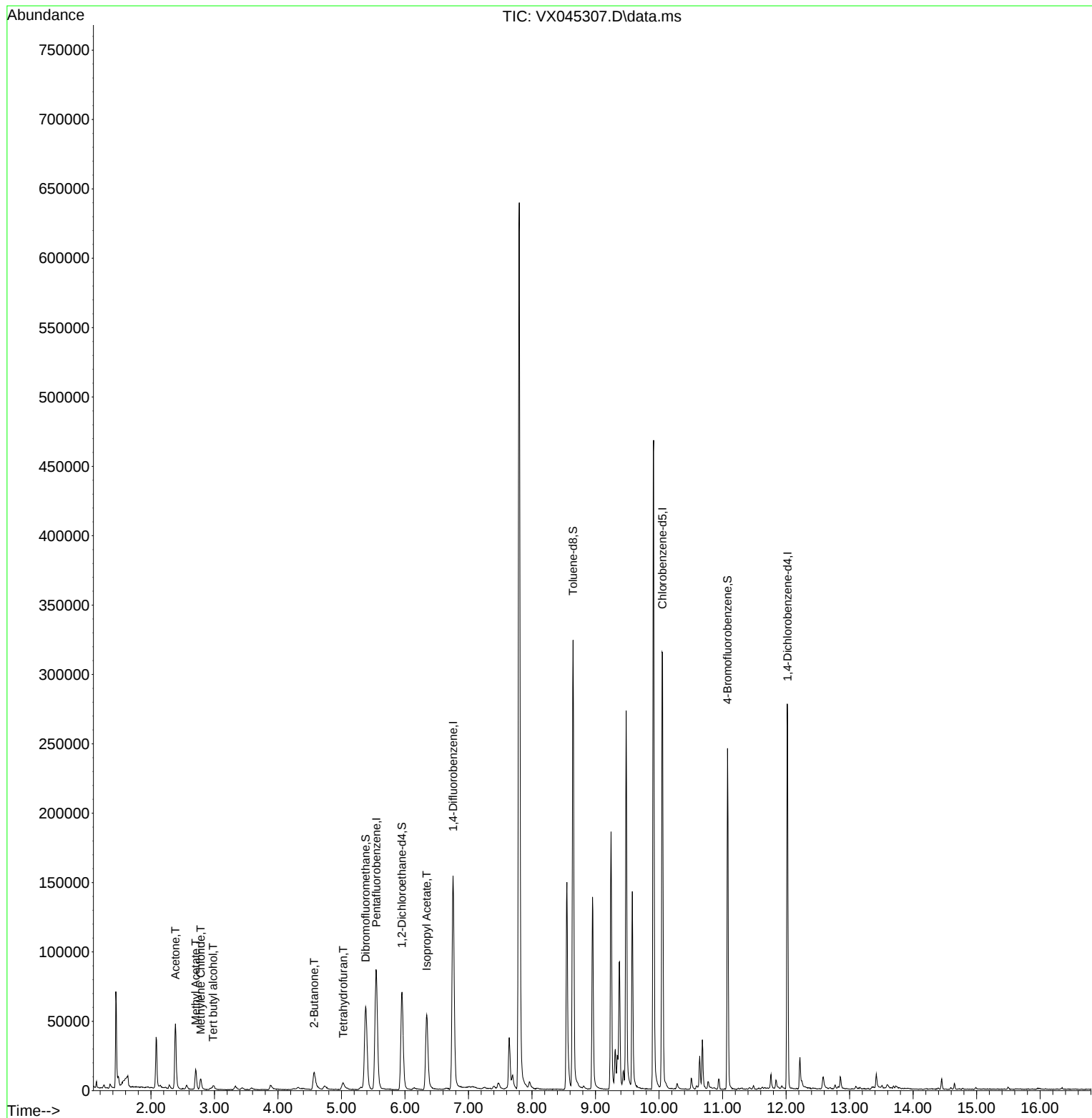
Internal Standards						
1) Pentafluorobenzene	5.549	168	76405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67070	55.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.380%			
35) Dibromofluoromethane	5.379	113	52849	52.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	8.646	98	192535	52.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.780%			
62) 4-Bromofluorobenzene	11.079	95	62619	51.907	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	4093	17.780	ug/l #	94
16) Acetone	2.385	43	51564	91.445	ug/l	96
18) Methyl Acetate	2.702	43	17972	13.249	ug/l	98
20) Methylene Chloride	2.782	84	3603	3.226	ug/l	95
25) 2-Butanone	4.568	43	25648	30.218	ug/l	97
29) Tetrahydrofuran	5.025	42	5150	9.035	ug/l	94
43) Isopropyl Acetate	6.342	43	78369	29.865	ug/l	99

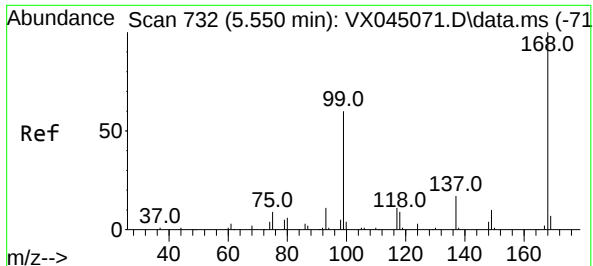
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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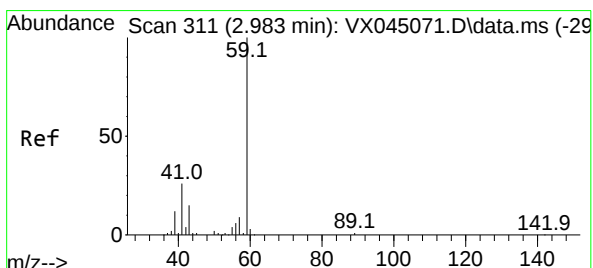
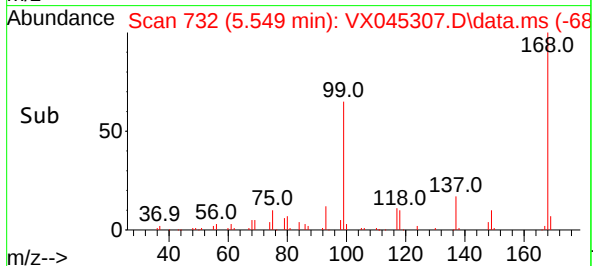
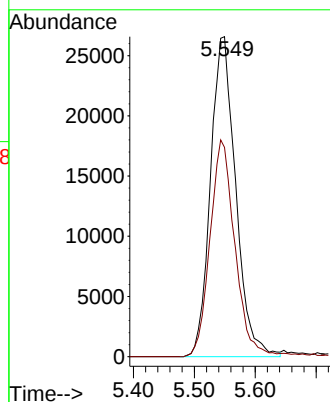
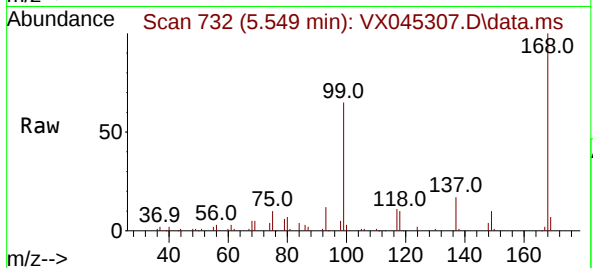




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

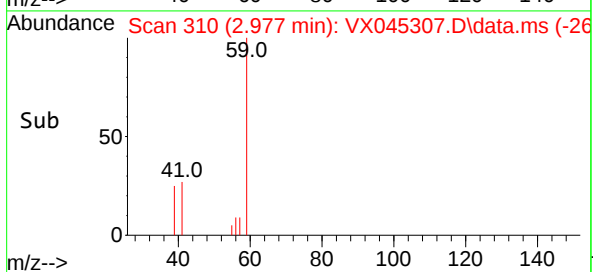
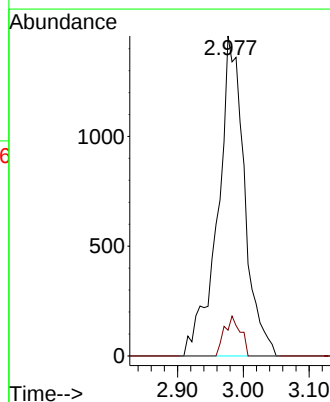
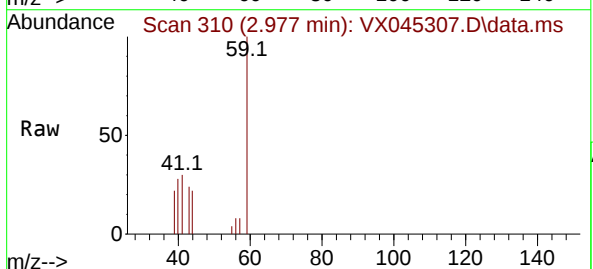
Instrument :
MSVOA_X
ClientSampleId :
TAP-IDW-SOIL-031325-01

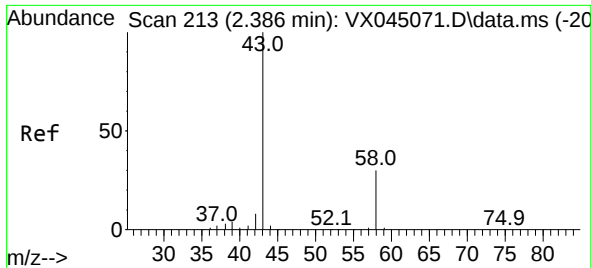
Tgt Ion:168 Resp: 76405
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#11
Tert butyl alcohol
Concen: 17.780 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Tgt Ion: 59 Resp: 4093
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.8#

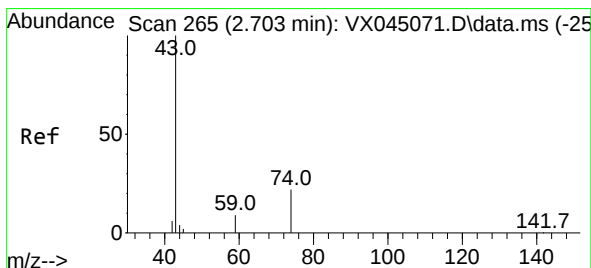
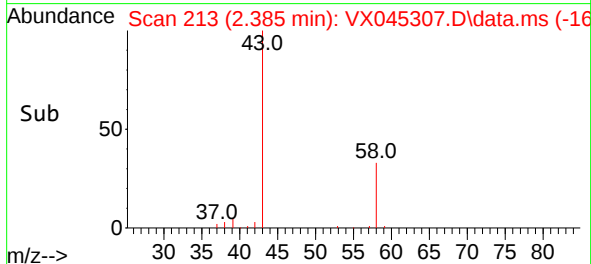
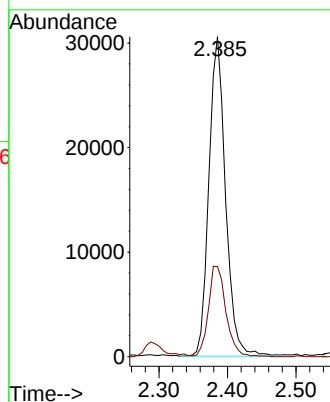
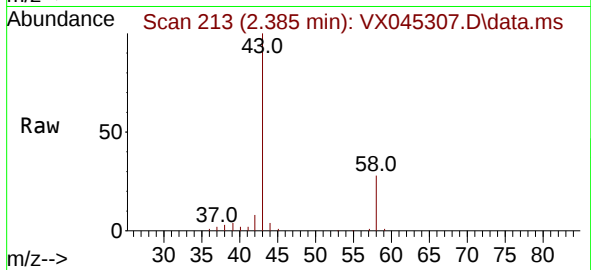




#16
Acetone
Concen: 91.445 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

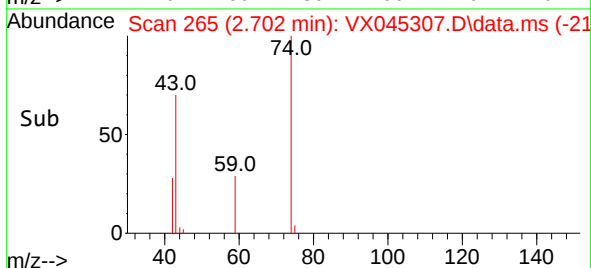
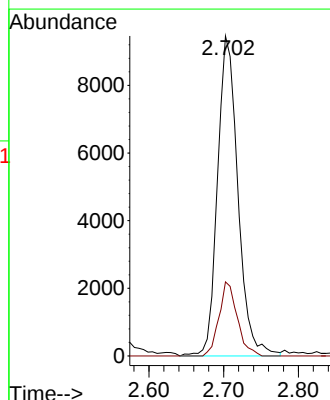
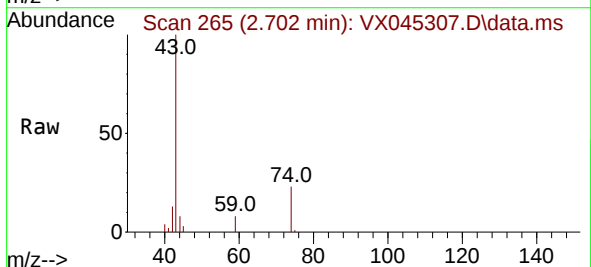
Instrument :
MSVOA_X
ClientSampleId :
TAP-IDW-SOIL-031325-01

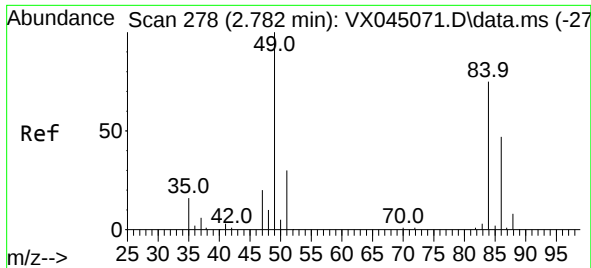
Tgt Ion: 43 Resp: 51564
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4



#18
Methyl Acetate
Concen: 13.249 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Tgt Ion: 43 Resp: 17972
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.2

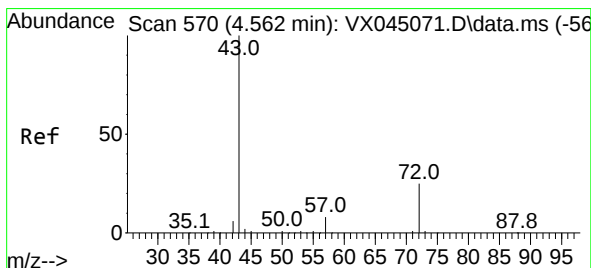
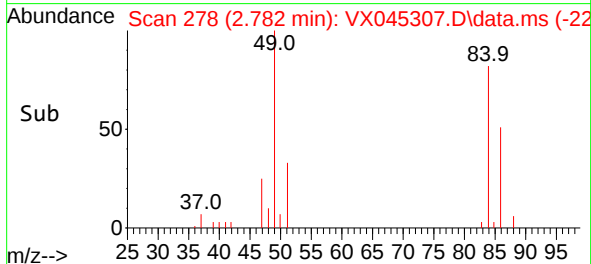
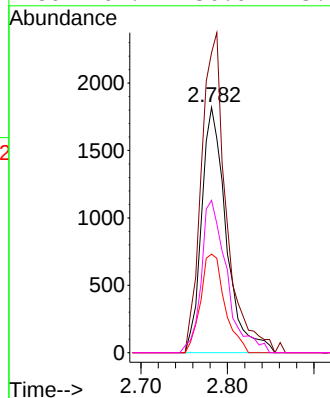
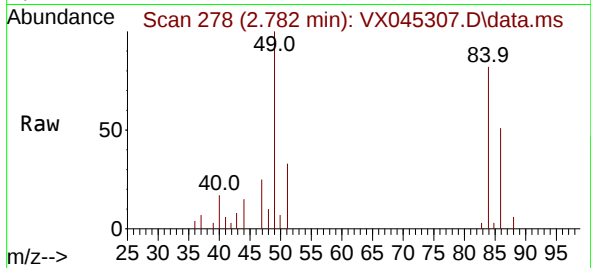




#20
Methylene Chloride
Concen: 3.226 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

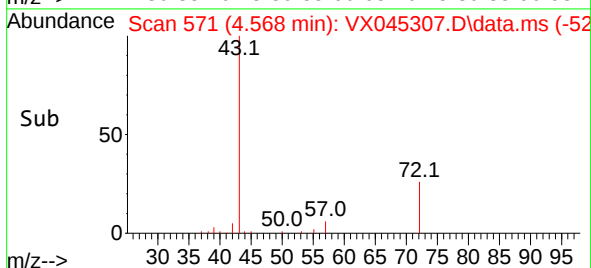
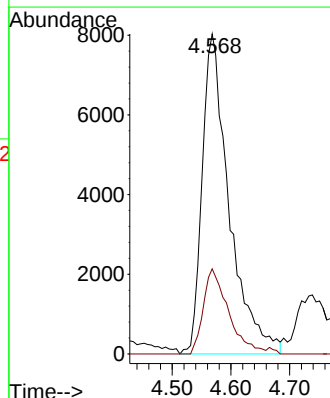
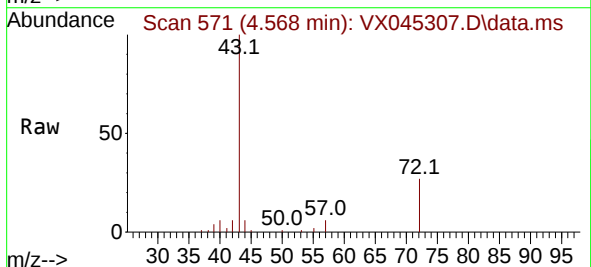
Instrument :
MSVOA_X
ClientSampleId :
TAP-IDW-SOIL-031325-01

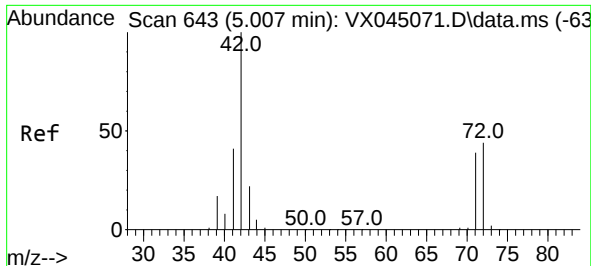
Tgt Ion:	84	Resp:	3603
Ion	Ratio	Lower	Upper
84	100		
49	122.3	106.5	159.7
51	40.2	32.1	48.1
86	62.1	50.0	75.0



#25
2-Butanone
Concen: 30.218 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Tgt Ion:	43	Resp:	25648
Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.0	30.0





#29

Tetrahydrofuran

Concen: 9.035 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX045307.D

Acq: 17 Mar 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

TAP-IDW-SOIL-031325-01

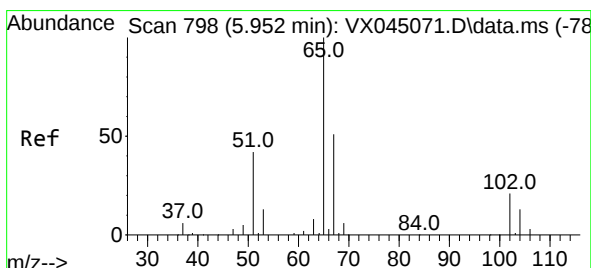
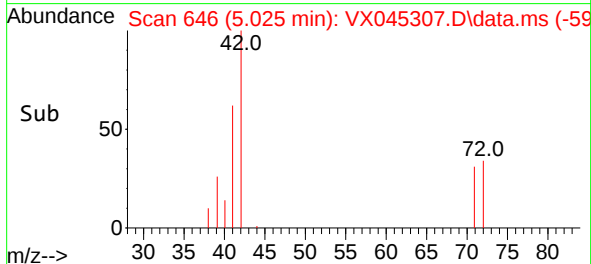
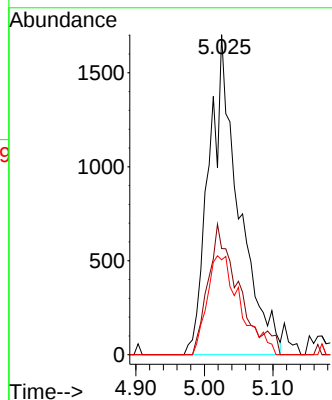
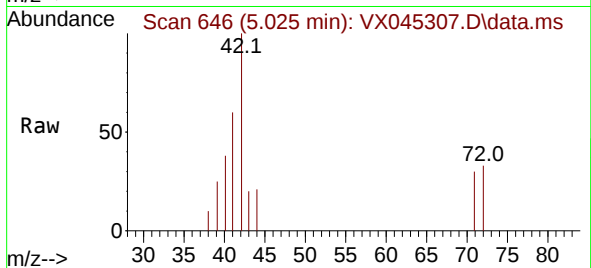
Tgt Ion: 42 Resp: 5150

Ion Ratio Lower Upper

42 100

72 39.8 34.1 51.1

71 34.6 31.4 47.0



#33

1,2-Dichloroethane-d4

Concen: 55.187 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045307.D

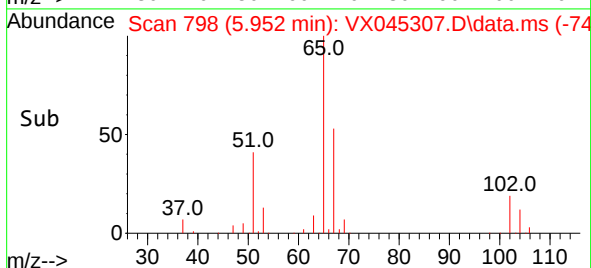
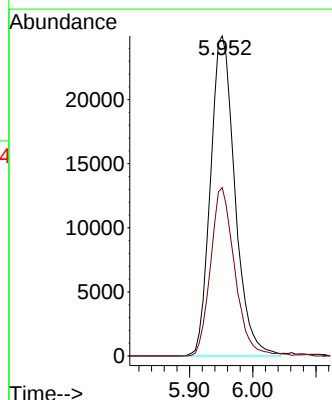
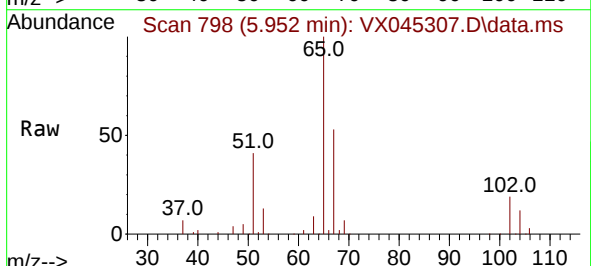
Acq: 17 Mar 2025 15:49

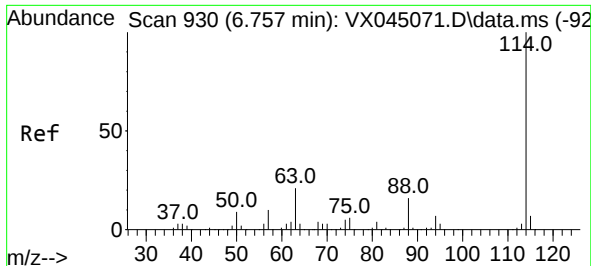
Tgt Ion: 65 Resp: 67070

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2

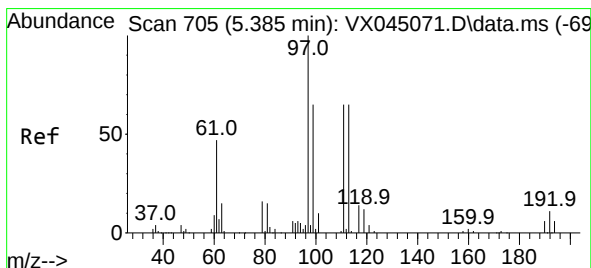
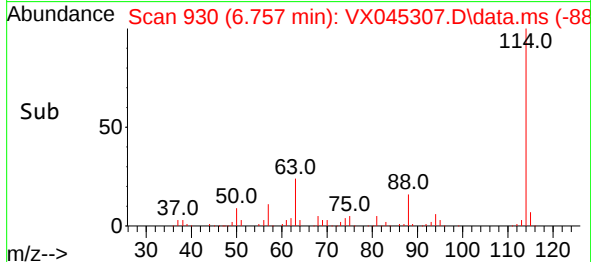
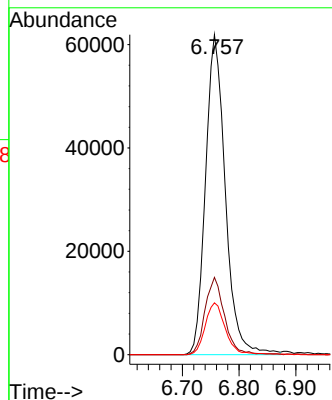
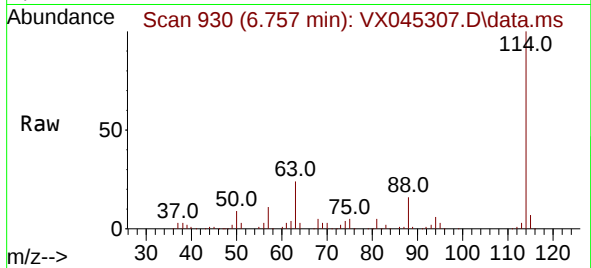




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

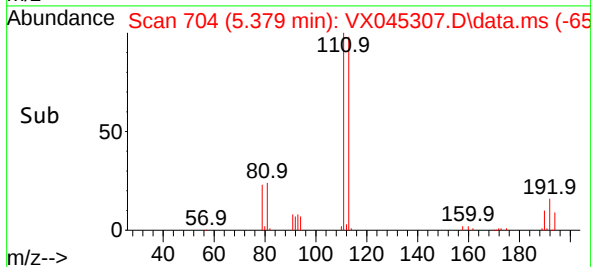
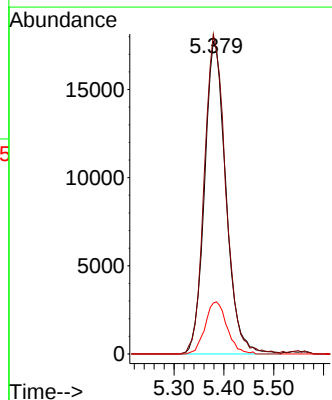
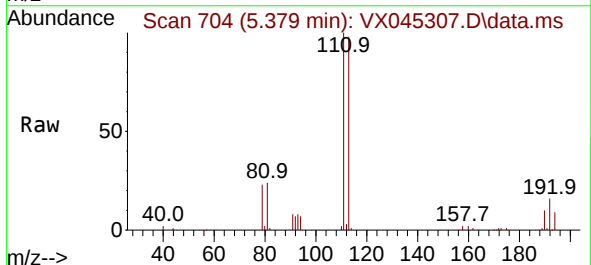
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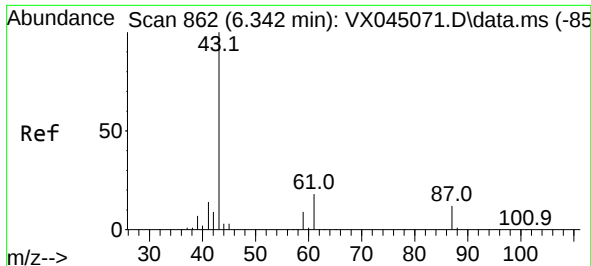
Tgt Ion:114 Resp: 150178
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.628 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Tgt Ion:113 Resp: 52849
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.9 14.3 21.5

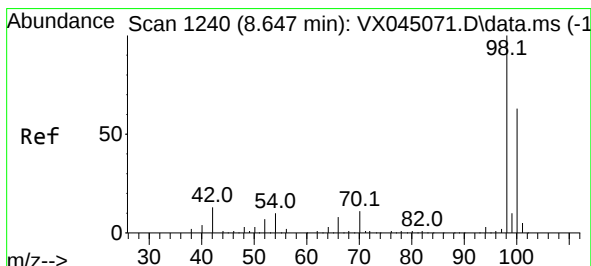
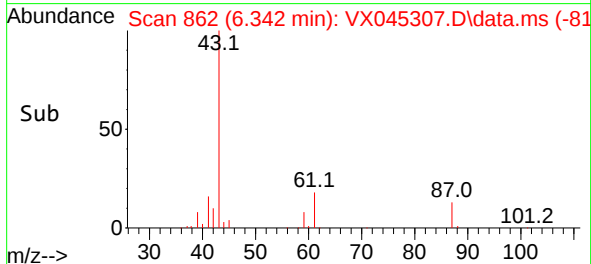
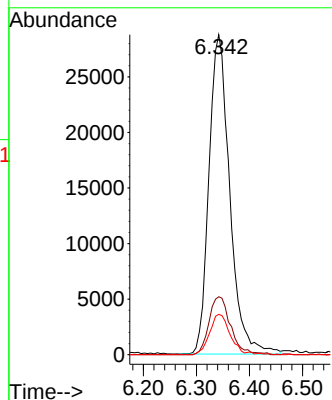
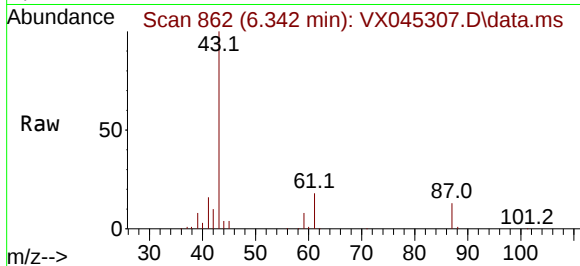




#43
Isopropyl Acetate
Concen: 29.865 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

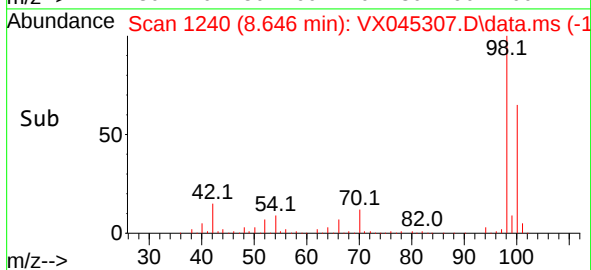
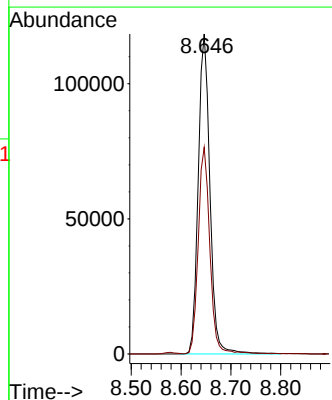
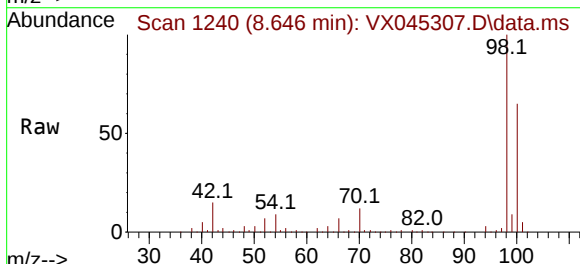
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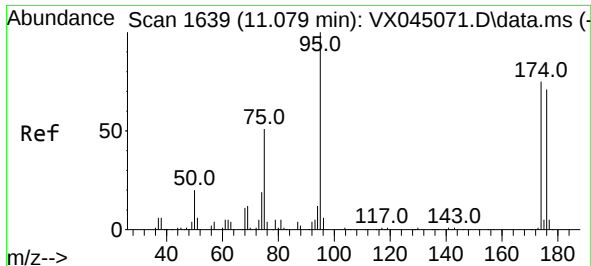
Tgt Ion: 43 Resp: 78369
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.6 9.4 14.2



#50
Toluene-d8
Concen: 52.886 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Tgt Ion: 98 Resp: 192535
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

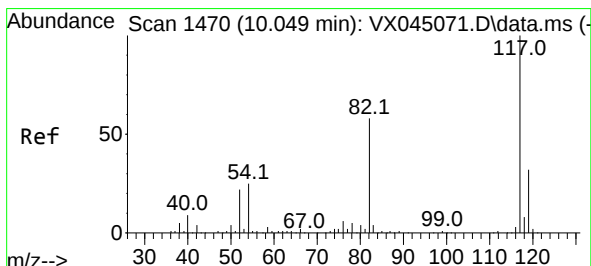
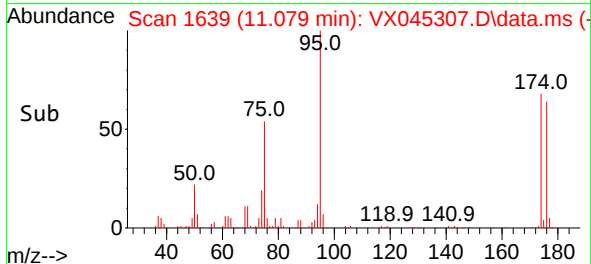
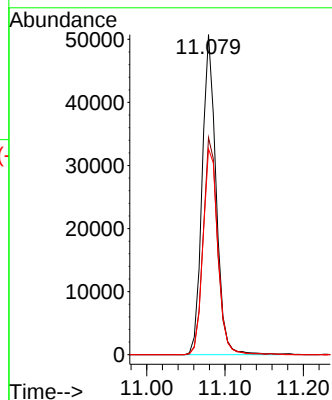
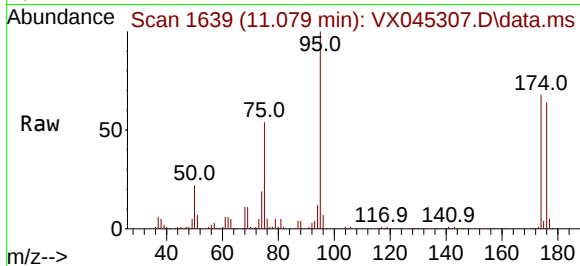




#62
4-Bromofluorobenzene
Concen: 51.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

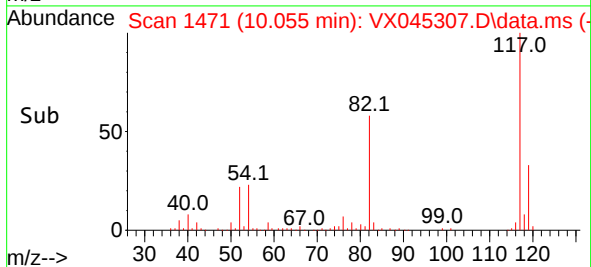
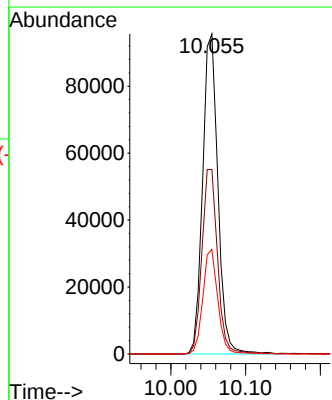
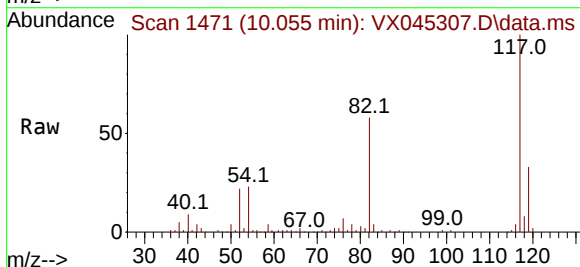
Instrument :
MSVOA_X
ClientSampleId :
TAP-IDW-SOIL-031325-01

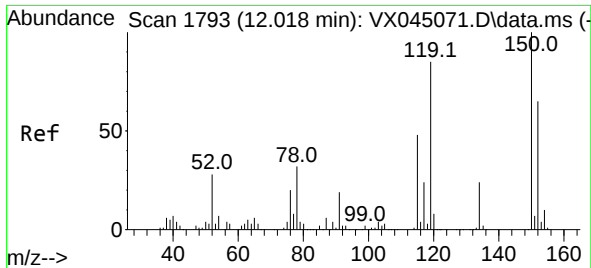
Tgt Ion: 95 Resp: 62619
Ion Ratio Lower Upper
95 100
174 70.1 0.0 148.2
176 68.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

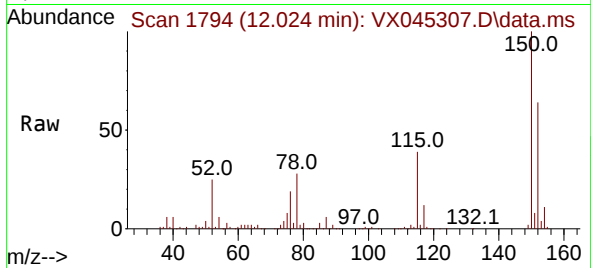
Tgt Ion: 117 Resp: 135949
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 32.7 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045307.D
Acq: 17 Mar 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
TAP-IDW-SOIL-031325-01



Tgt Ion:152 Resp: 53669
Ion Ratio Lower Upper
152 100
115 64.8 44.2 132.6
150 156.5 0.0 349.0

