

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037447.D
 Acq On : 31 Aug 2023 21:56
 Operator : JC/MD
 Sample : 04251-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-65-083023-3V

Quant Time: Sep 01 03:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	144415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88918	42.708	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.420%
35) Dibromofluoromethane	5.385	113	74342	46.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.647	98	283210	49.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	101598	44.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%

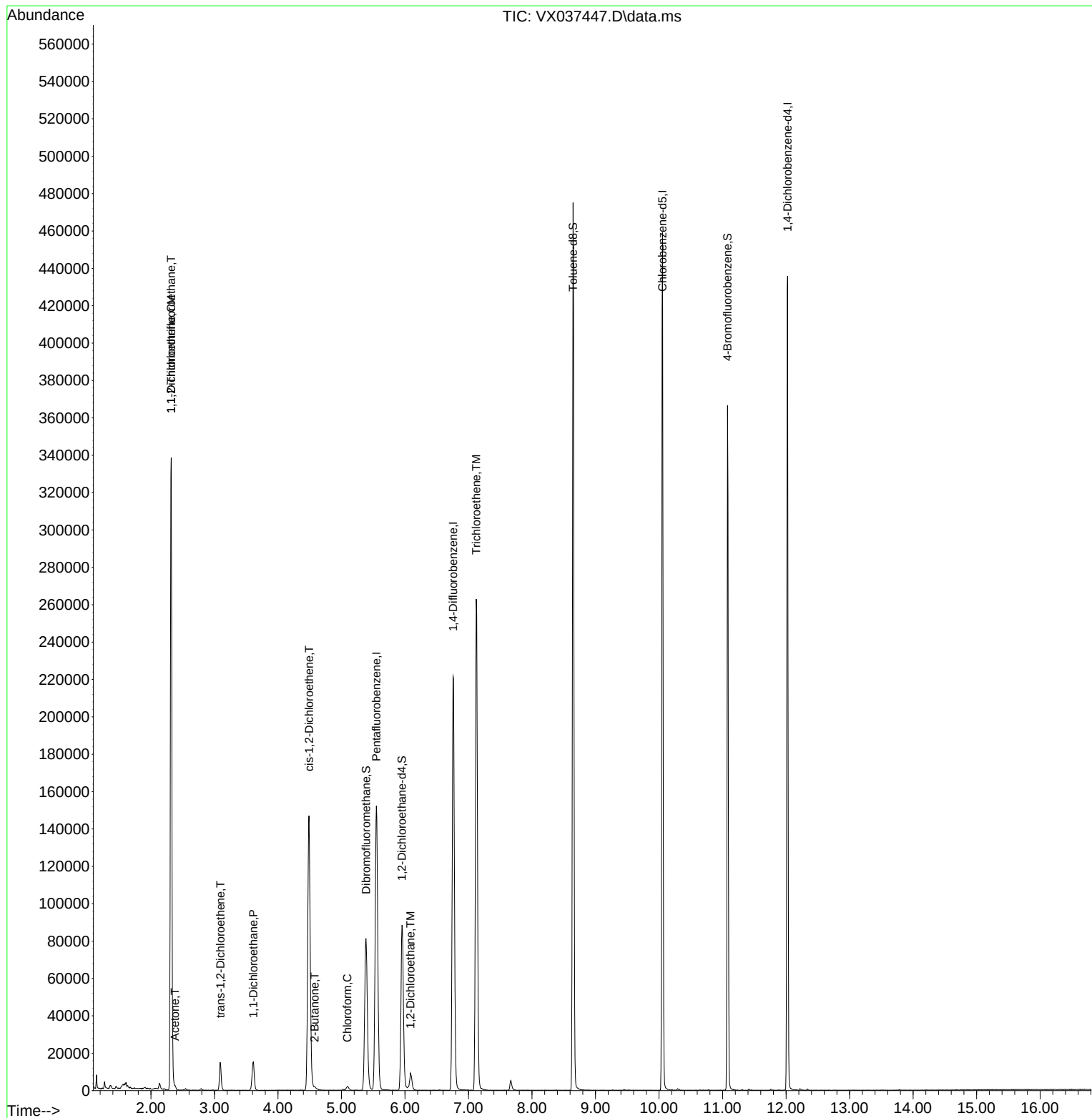
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	712	0.466	ug/l #	64
12) 1,1-Dichloroethene	2.319	96	120018	80.733	ug/l	83
16) Acetone	2.379	43	1921	2.359	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	6705	3.968	ug/l #	82
24) 1,1-Dichloroethane	3.611	63	17821	6.019	ug/l	99
25) 2-Butanone	4.574	43	2742	2.236	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	98753	49.568	ug/l	79
30) Chloroform	5.092	83	2673	0.804	ug/l	89
42) 1,2-Dichloroethane	6.086	62	10297	4.053	ug/l	95
44) Trichloroethene	7.123	130	106663	58.061	ug/l	95

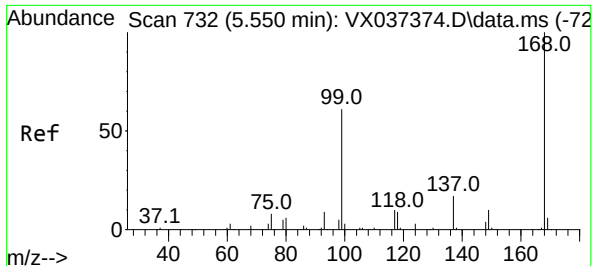
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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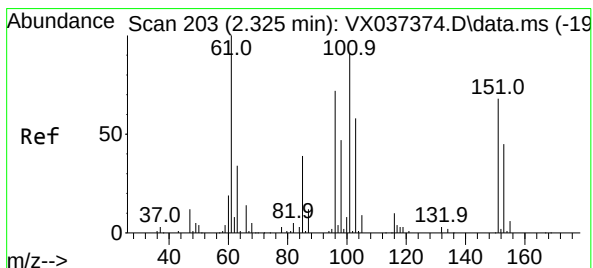
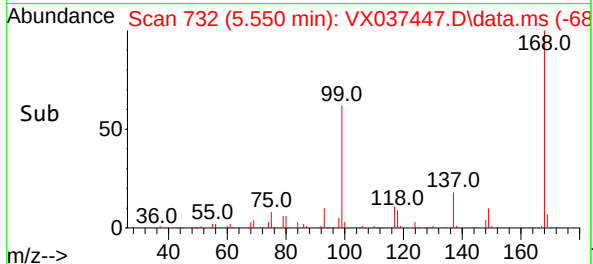
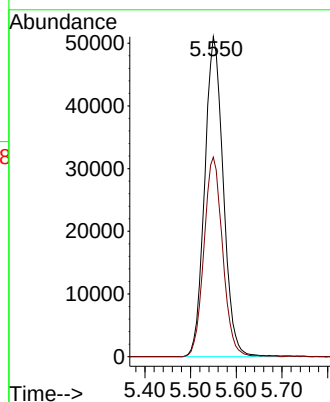
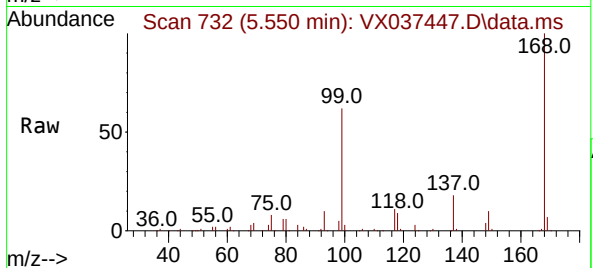




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

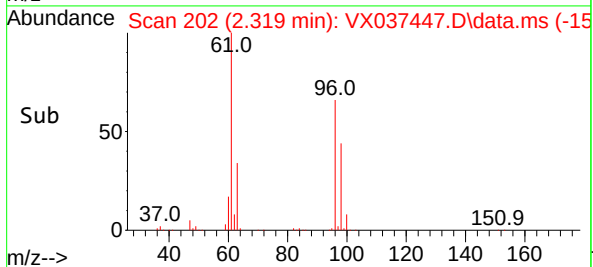
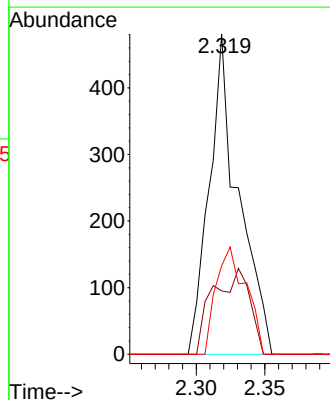
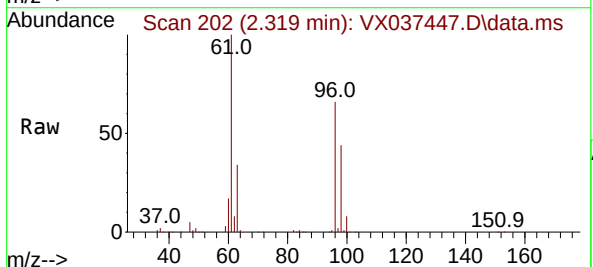
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083023-3V

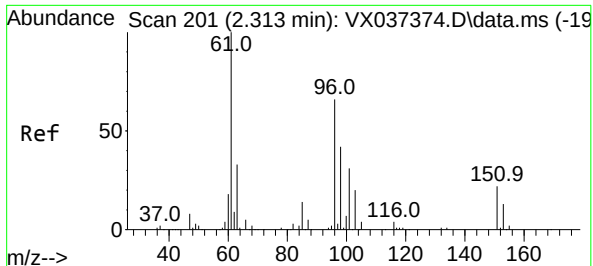
Tgt Ion:168 Resp: 144415
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.466 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion:101 Resp: 712
Ion Ratio Lower Upper
101 100
85 33.6 37.0 55.6#
151 34.3 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 80.733 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037447.D

Acq: 31 Aug 2023 21:56

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-65-083023-3V

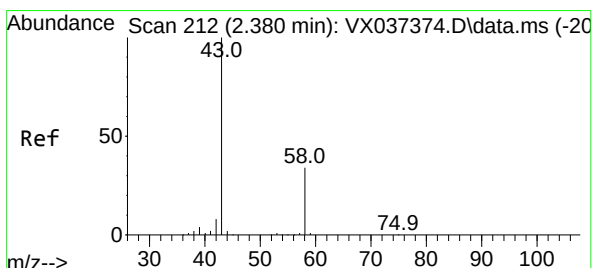
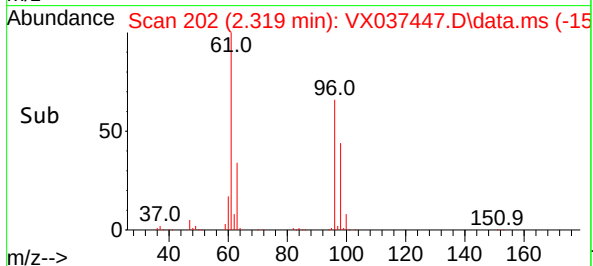
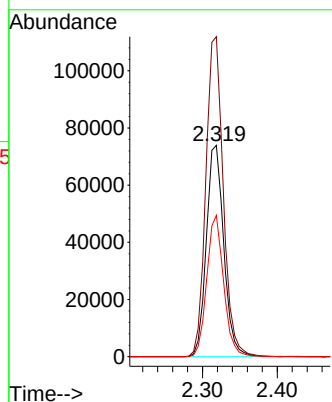
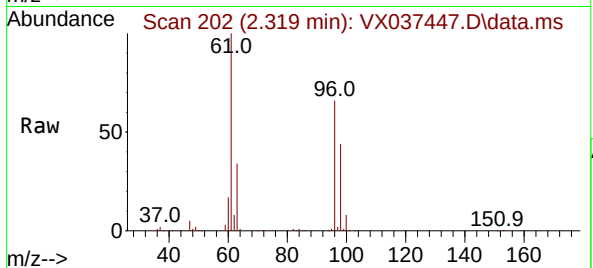
Tgt Ion: 96 Resp: 120018

Ion Ratio Lower Upper

96 100

61 151.4 144.6 216.8

98 66.9 50.4 75.6



#16

Acetone

Concen: 2.359 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037447.D

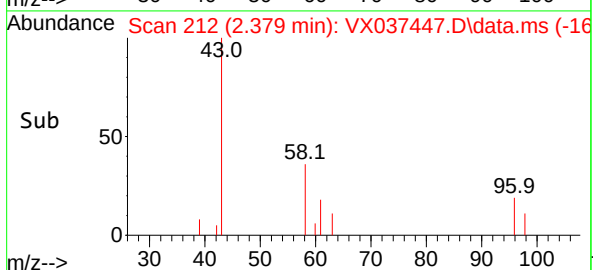
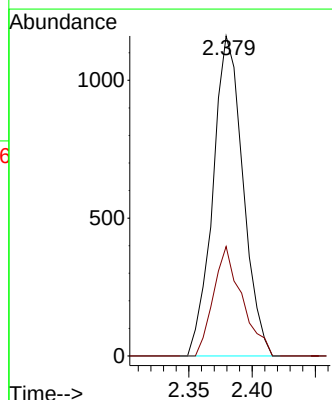
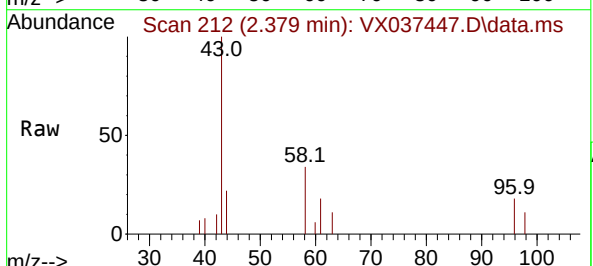
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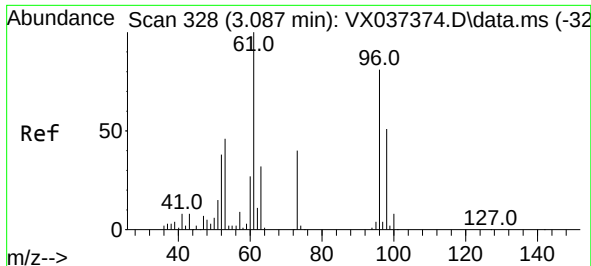
Tgt Ion: 43 Resp: 1921

Ion Ratio Lower Upper

43 100

58 34.2 21.9 32.9#

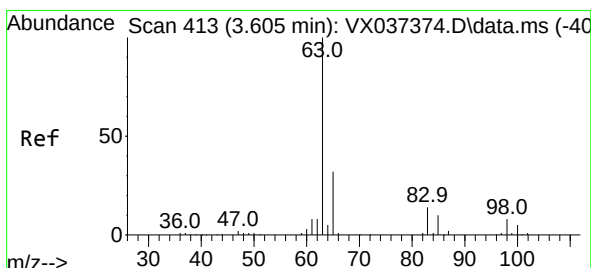
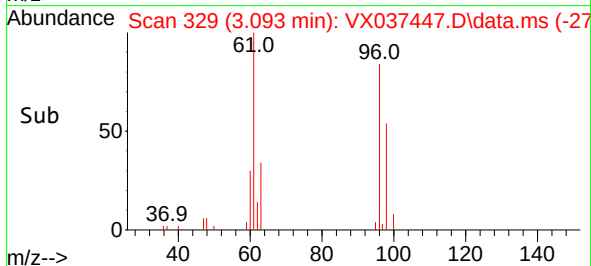
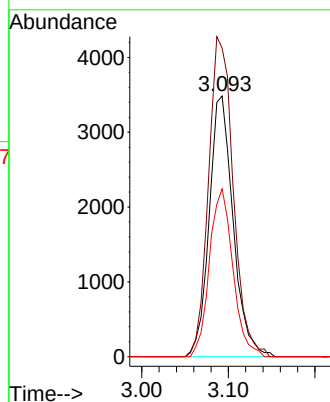
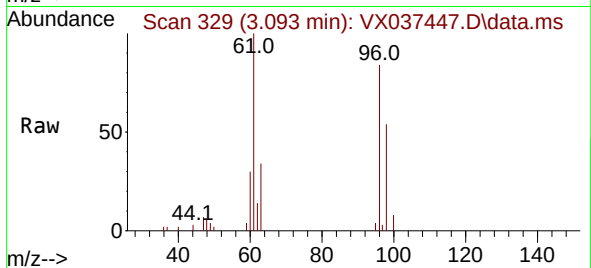




#21
trans-1,2-Dichloroethene
Concen: 3.968 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

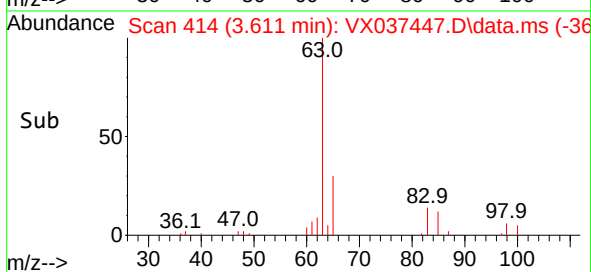
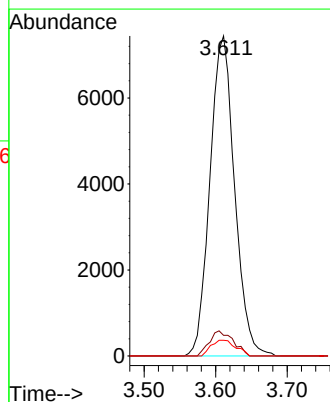
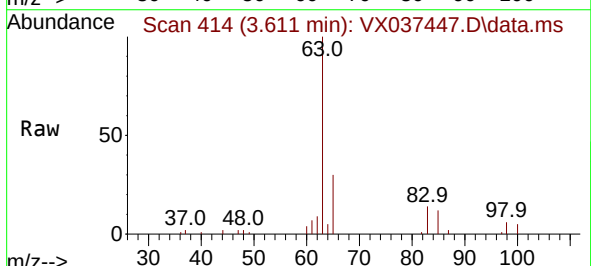
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083023-3V

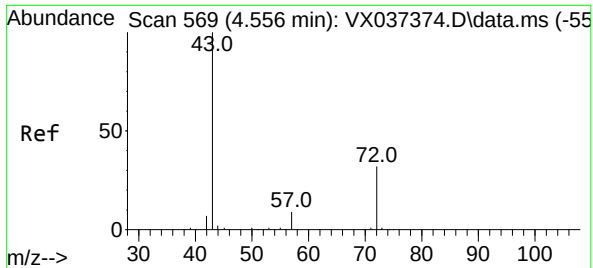
Tgt Ion: 96 Resp: 6705
Ion Ratio Lower Upper
96 100
61 118.5 119.2 178.8#
98 64.4 48.7 73.1



#24
1,1-Dichloroethane
Concen: 6.019 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion: 63 Resp: 17821
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 4.9 2.1 6.5

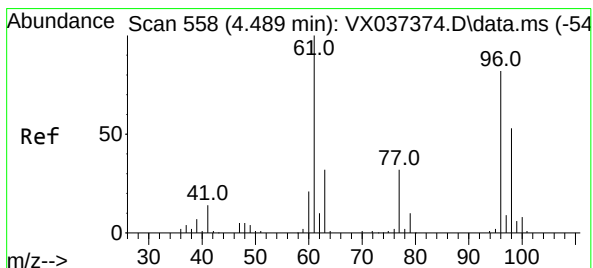
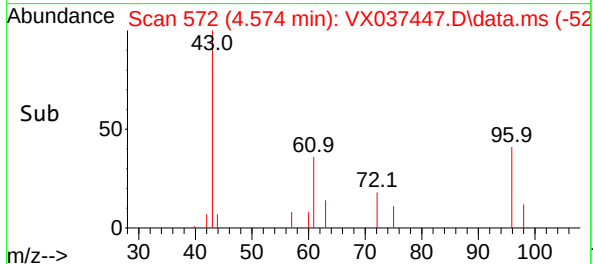
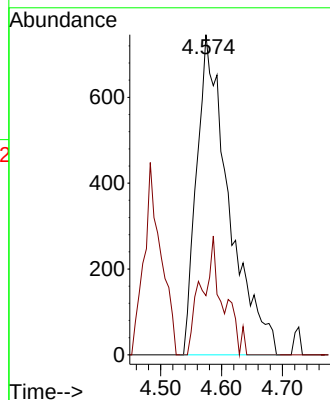
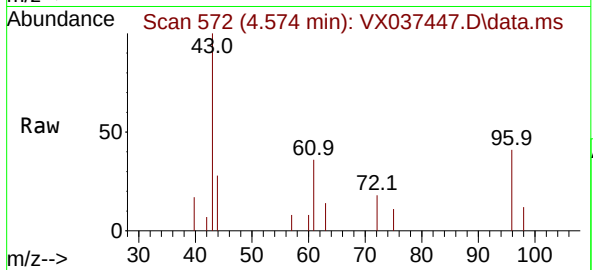




#25
2-Butanone
Concen: 2.236 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

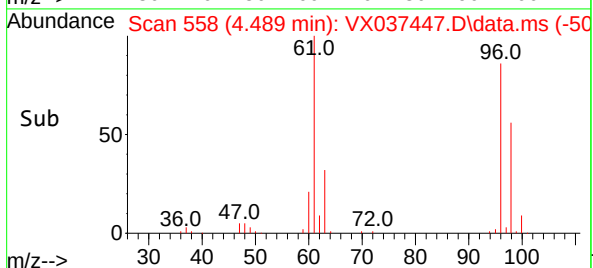
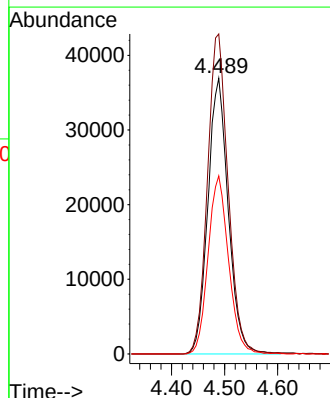
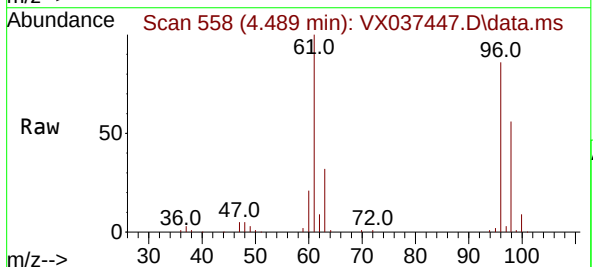
Instrument :
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ClientSampleId :
OW-07B-65-083023-3V

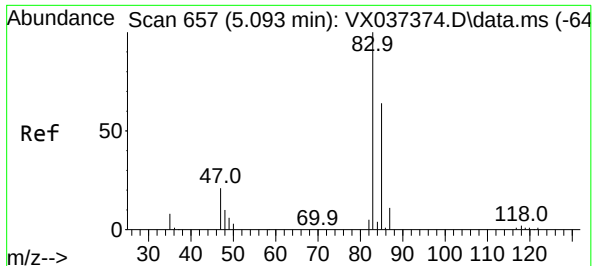
Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
72 18.5 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 49.568 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion: 96 Resp: 98753
Ion Ratio Lower Upper
96 100
61 117.5 0.0 312.2
98 64.7 0.0 129.0





#30

Chloroform

Concen: 0.804 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX037447.D

Acq: 31 Aug 2023 21:56

Instrument :

MSVOA_X

ClientSampleId :

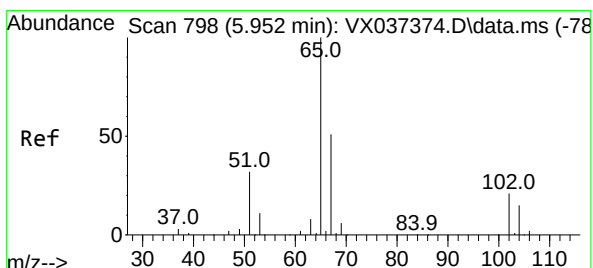
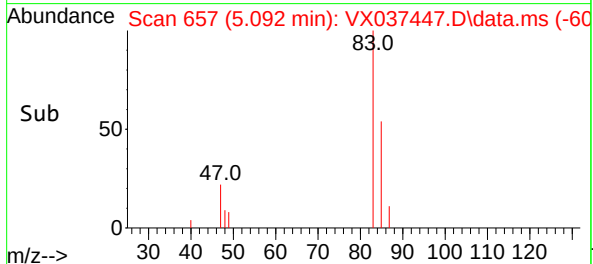
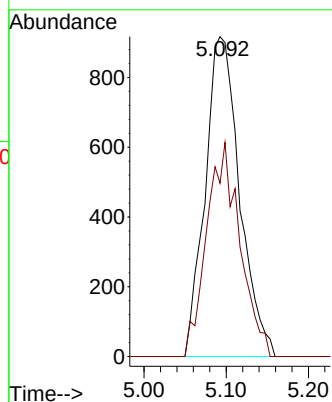
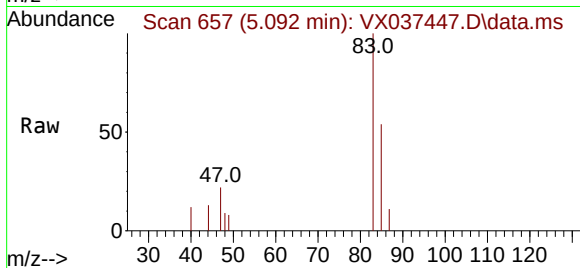
OW-07B-65-083023-3V

Tgt Ion: 83 Resp: 2673

Ion Ratio Lower Upper

83 100

85 54.2 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 42.708 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037447.D

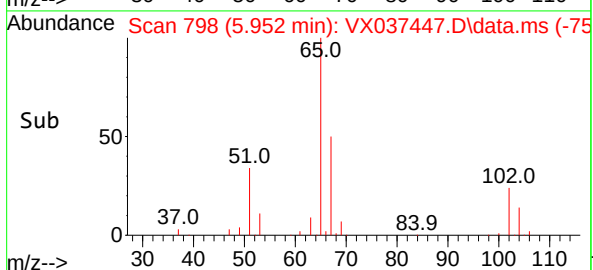
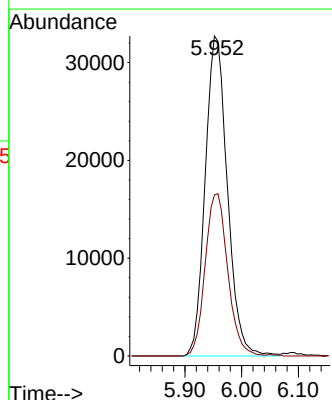
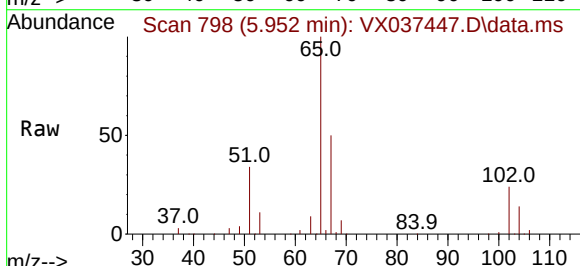
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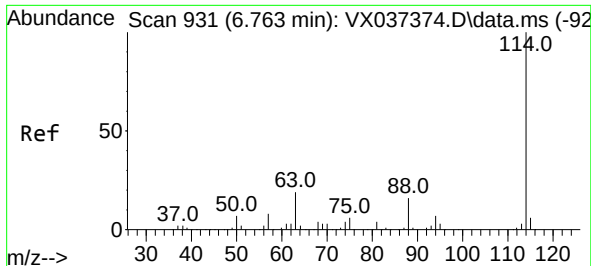
Tgt Ion: 65 Resp: 88918

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2

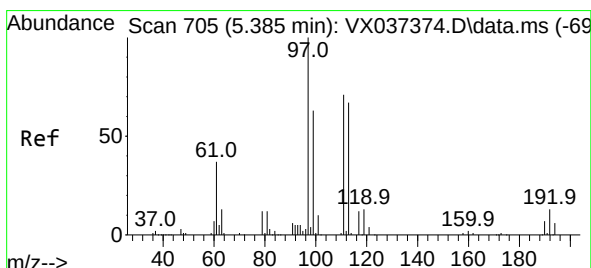
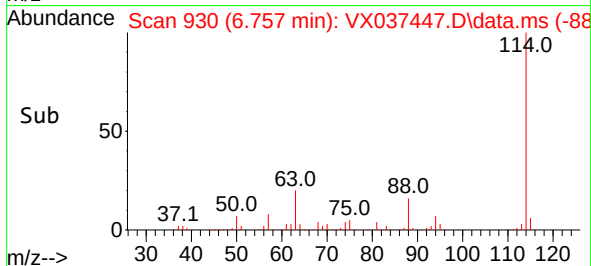
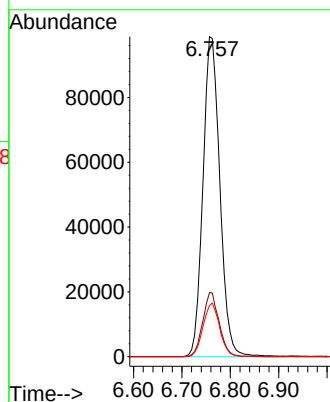
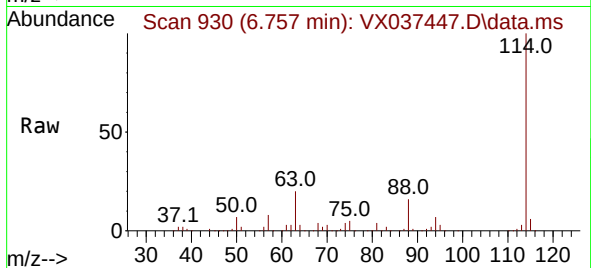




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

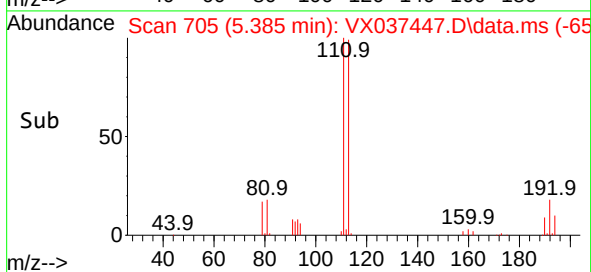
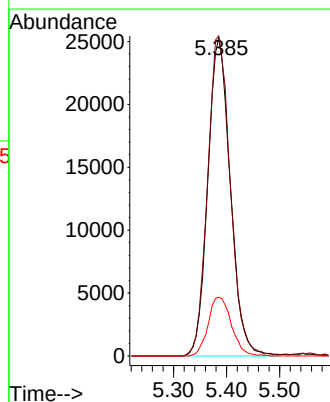
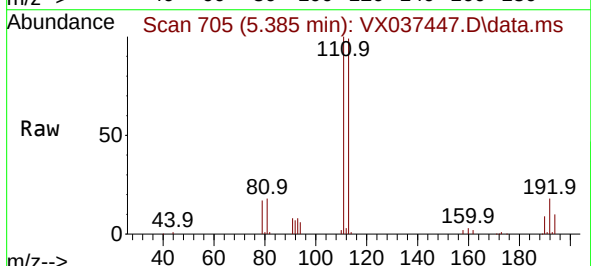
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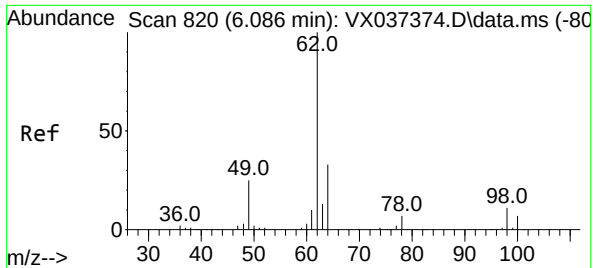
Tgt Ion:114 Resp: 240081
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.756 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion:113 Resp: 74342
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.2 13.3 19.9





#42

1,2-Dichloroethane

Concen: 4.053 ug/l

RT: 6.086 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX037447.D

Acq: 31 Aug 2023 21:56

Instrument :

MSVOA_X

ClientSampleId :

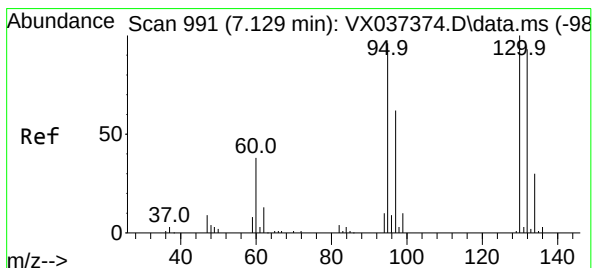
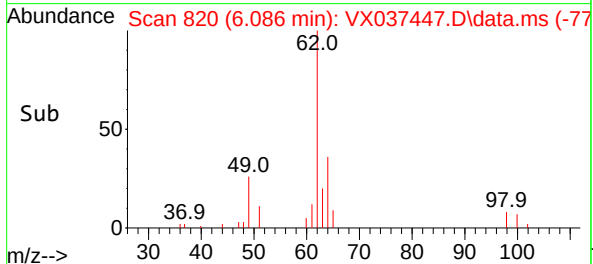
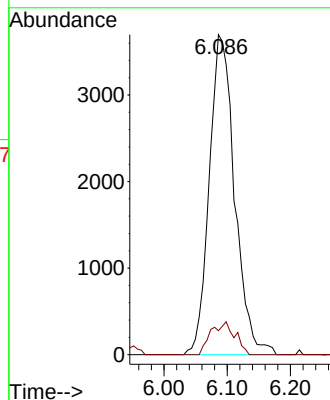
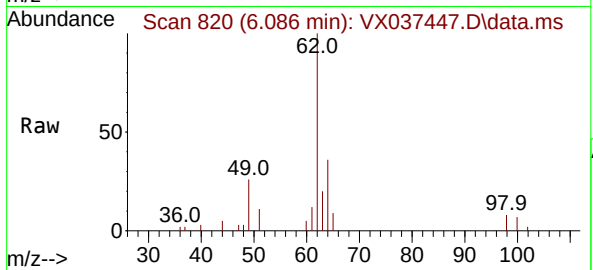
OW-07B-65-083023-3V

Tgt Ion: 62 Resp: 10297

Ion Ratio Lower Upper

62 100

98 9.8 0.0 16.0



#44

Trichloroethene

Concen: 58.061 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX037447.D

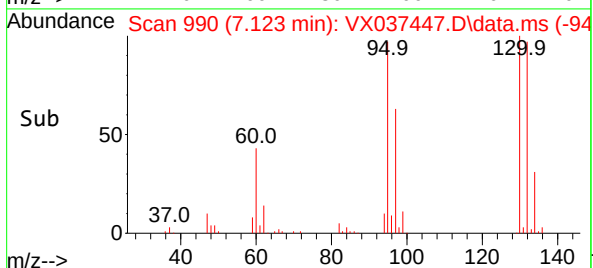
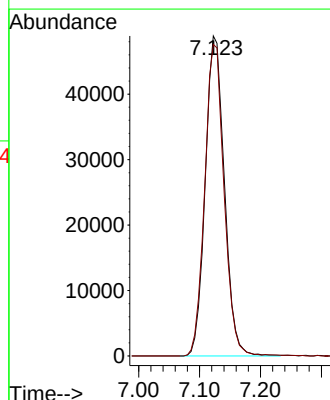
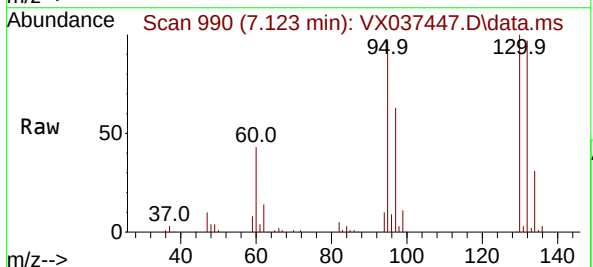
Acq: 31 Aug 2023 21:56

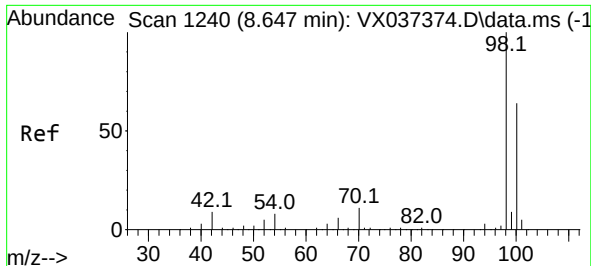
Tgt Ion:130 Resp: 106663

Ion Ratio Lower Upper

130 100

95 97.4 0.0 204.4

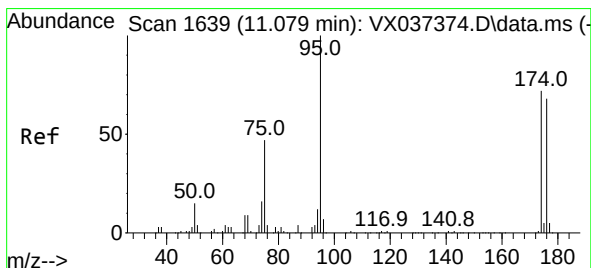
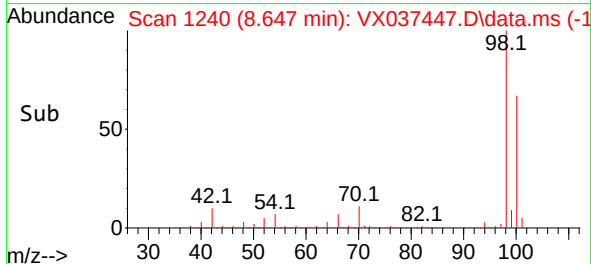
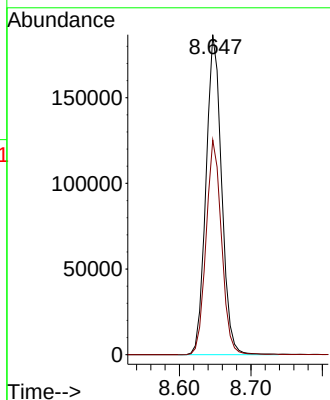
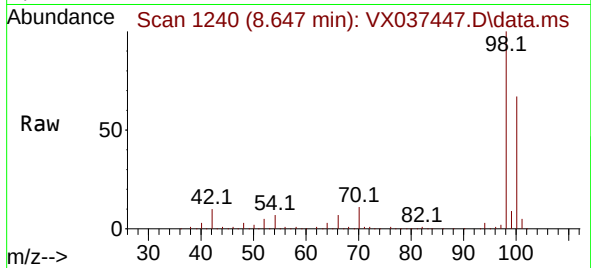




#50
Toluene-d8
Concen: 49.104 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

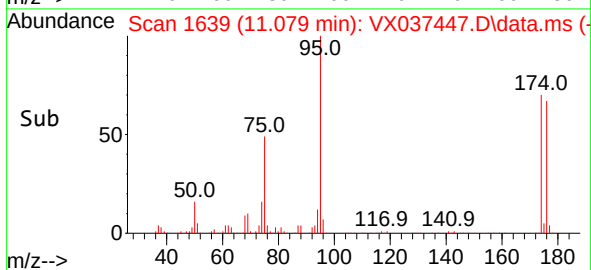
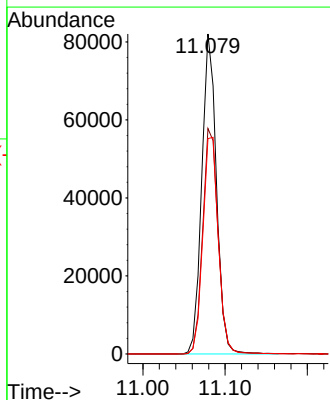
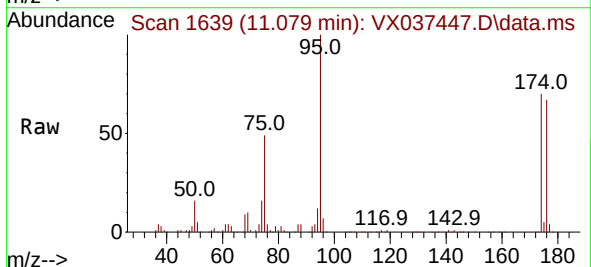
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083023-3V

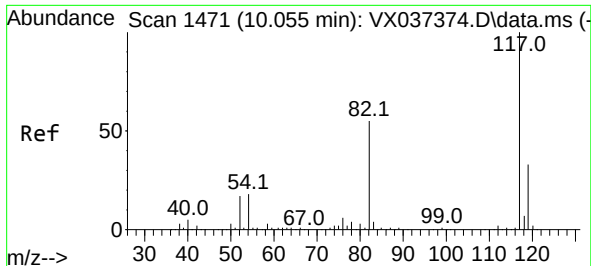
Tgt Ion: 98 Resp: 283210
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion: 95 Resp: 101598
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.9 0.0 131.0

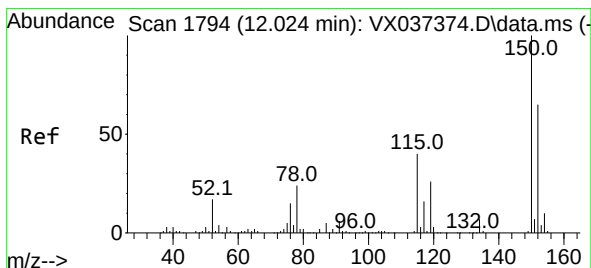
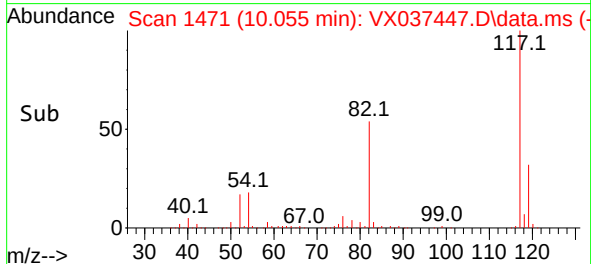
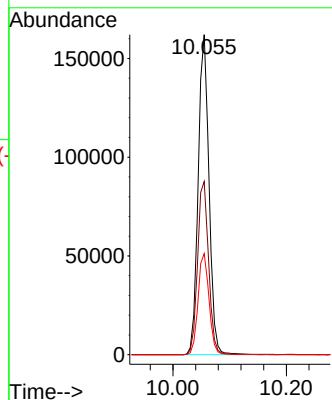
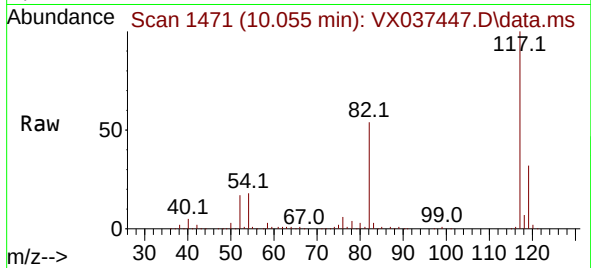




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083023-3V

Tgt Ion:117 Resp: 214597
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037447.D
Acq: 31 Aug 2023 21:56

Tgt Ion:152 Resp: 96043
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 155.4 0.0 345.0

