

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039481.D
 Acq On : 26 Dec 2023 20:23
 Operator : JC/MD
 Sample : PB158014ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#07

Quant Time: Dec 27 04:44:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

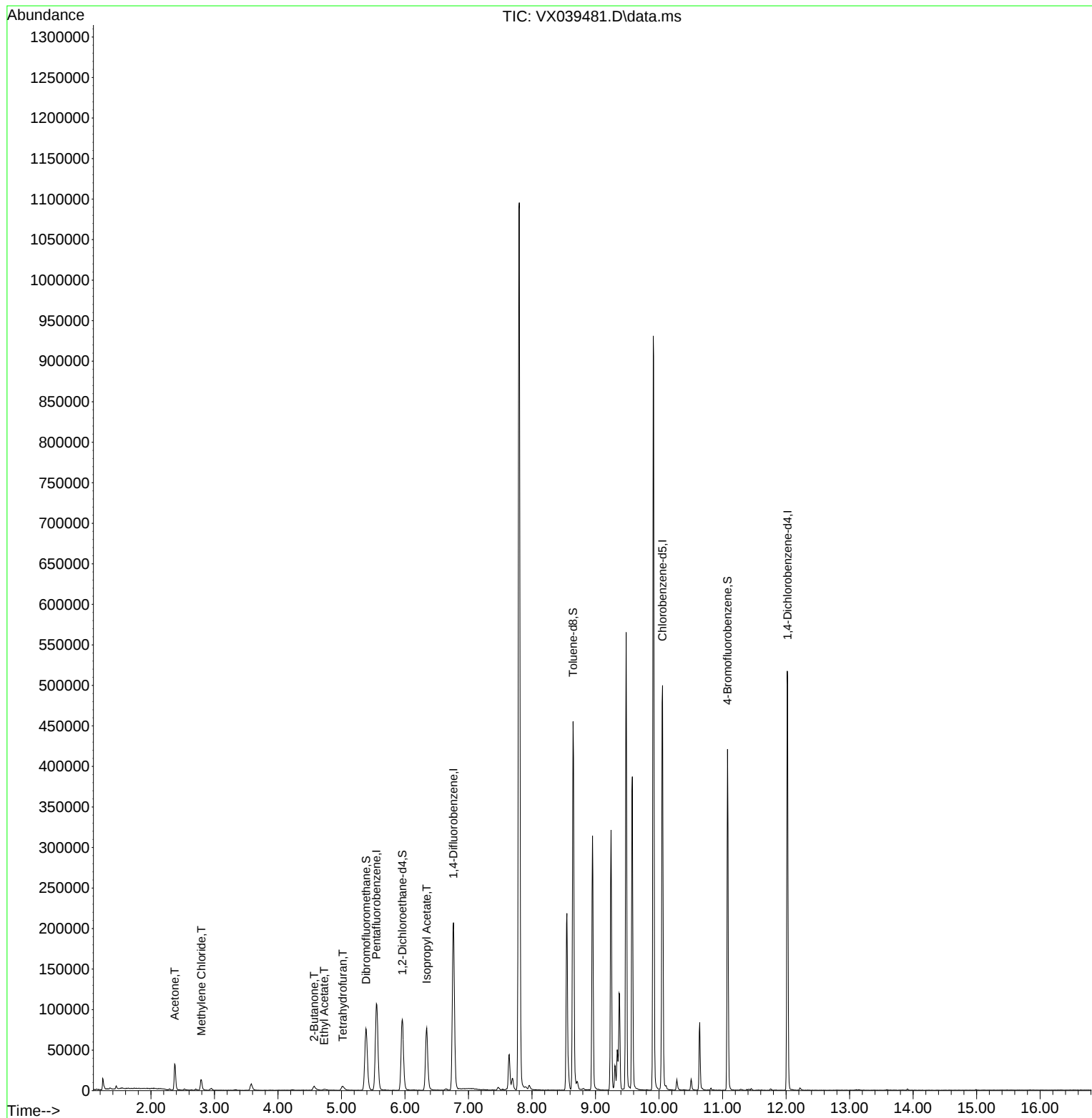
Internal Standards						
1) Pentafluorobenzene	5.550	168	93011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85001	49.886	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.385	113	66478	48.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	8.647	98	261448	51.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.040%		
62) 4-Bromofluorobenzene	11.079	95	109670	51.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.740%		
Target Compounds						
16) Acetone	2.373	43	35173	13.415	ug/l	95
20) Methylene Chloride	2.794	84	6182	4.352	ug/l	99
25) 2-Butanone	4.568	43	7823	5.321	ug/l	91
29) Tetrahydrofuran	5.019	42	5123	6.309	ug/l #	67
37) Ethyl Acetate	4.727	43	2919	1.085	ug/l #	81
43) Isopropyl Acetate	6.342	43	107163	24.489	ug/l	99

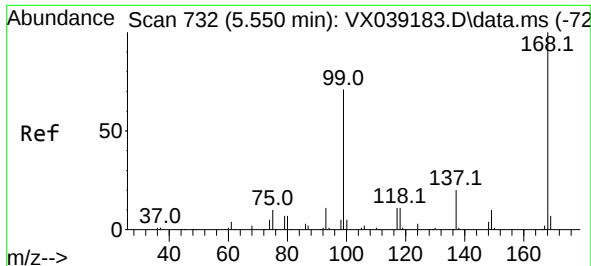
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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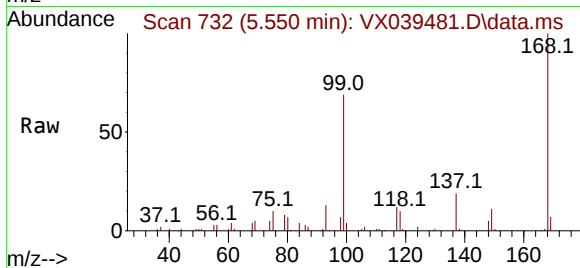
Quant Time: Dec 27 04:44:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



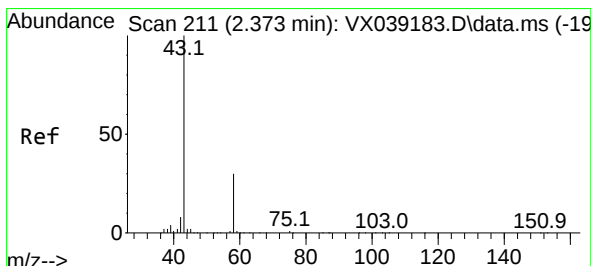
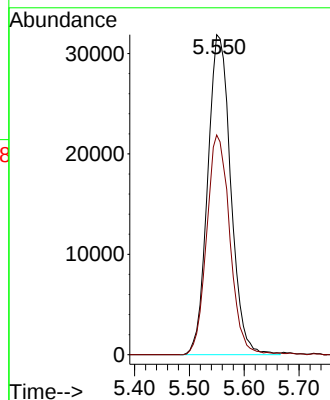
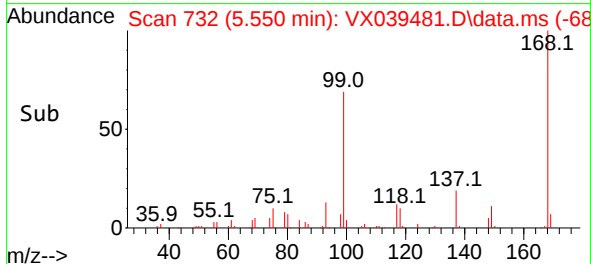


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#07

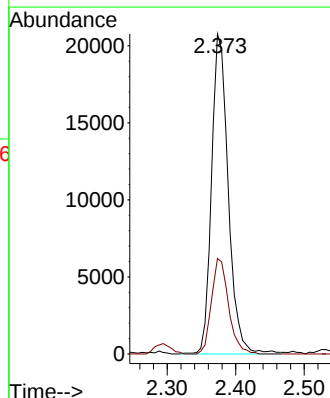
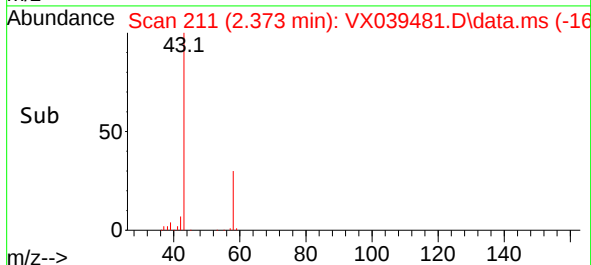
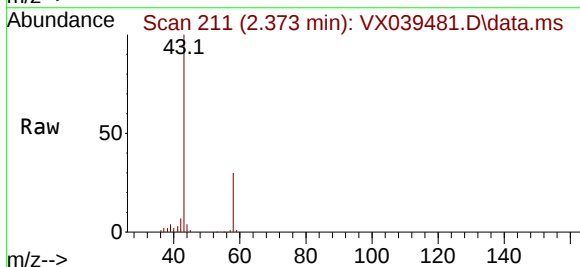


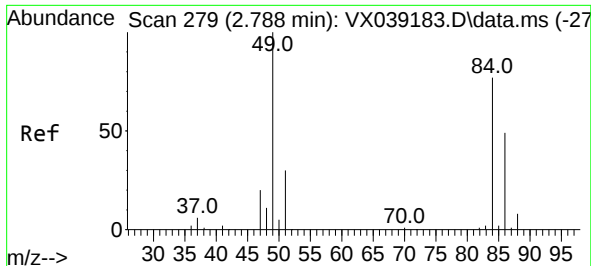
Tgt Ion:168 Resp: 93011
Ion Ratio Lower Upper
168 100
99 68.7 56.6 85.0



#16
Acetone
Concen: 13.415 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Tgt Ion: 43 Resp: 35173
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#20

Methylene Chloride

Concen: 4.352 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039481.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#07

Tgt Ion: 84 Resp: 6182

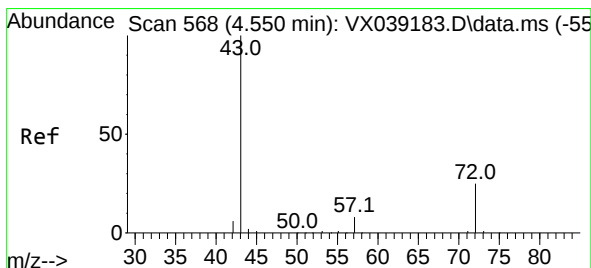
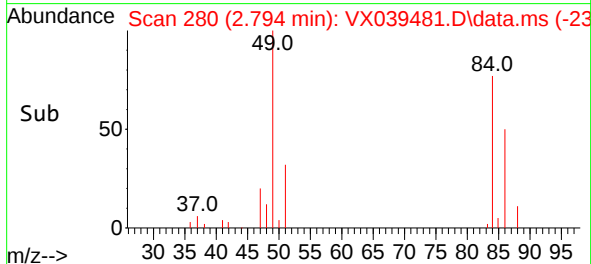
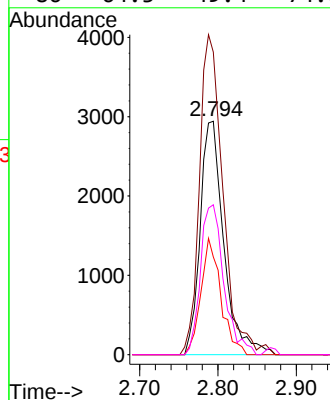
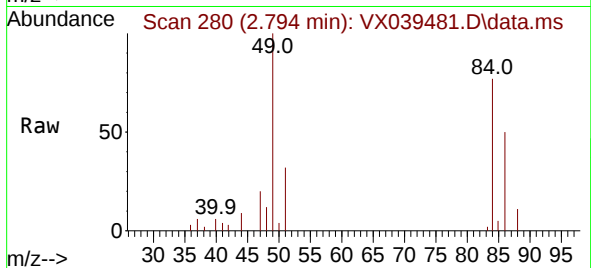
Ion Ratio Lower Upper

84 100

49 129.6 103.6 155.4

51 41.9 33.8 50.6

86 64.3 49.4 74.0



#25

2-Butanone

Concen: 5.321 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX039481.D

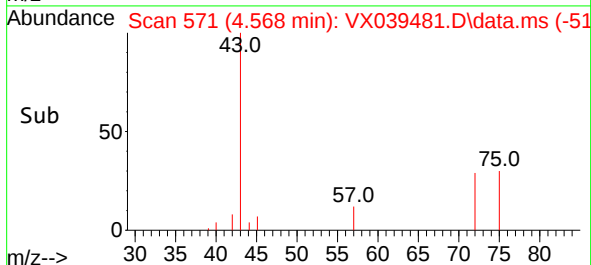
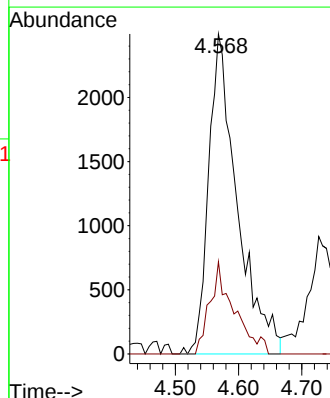
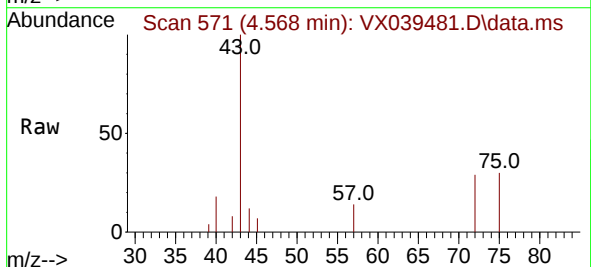
Acq: 26 Dec 2023 20:23

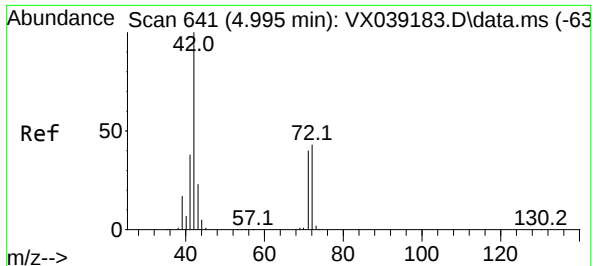
Tgt Ion: 43 Resp: 7823

Ion Ratio Lower Upper

43 100

72 28.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 6.309 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.025 min

Lab File: VX039481.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#07

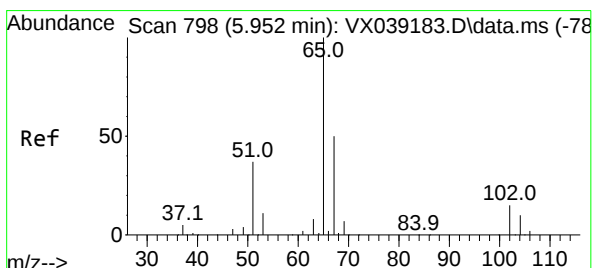
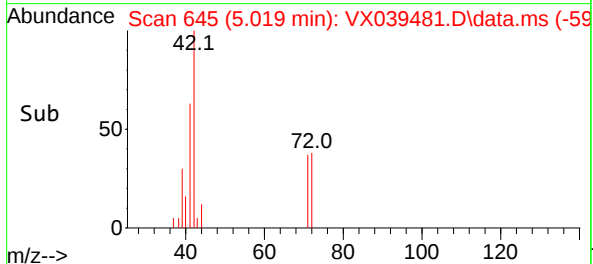
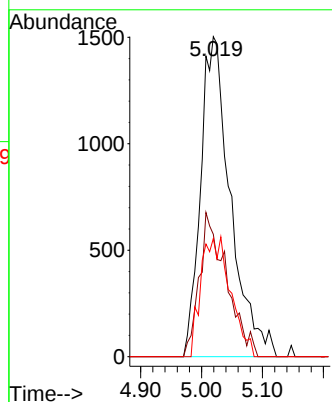
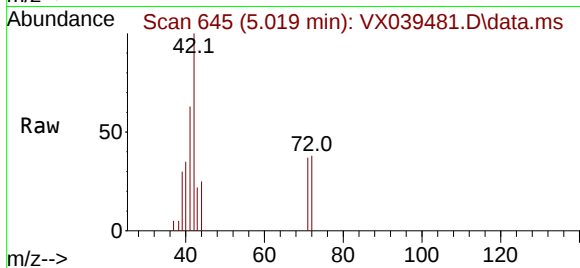
Tgt Ion: 42 Resp: 5123

Ion Ratio Lower Upper

42 100

72 41.0 34.2 51.4

71 0.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 49.886 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX039481.D

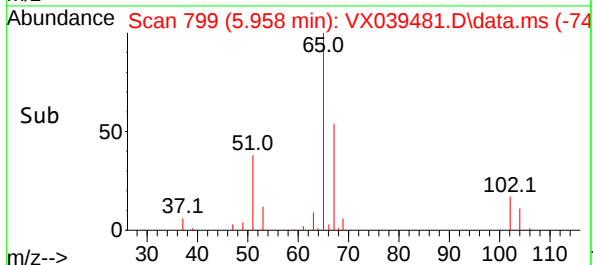
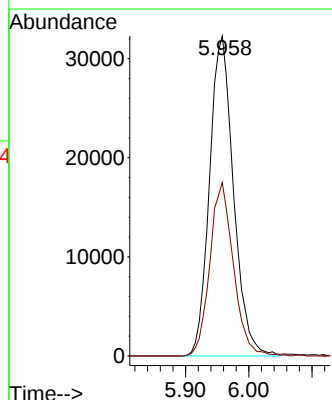
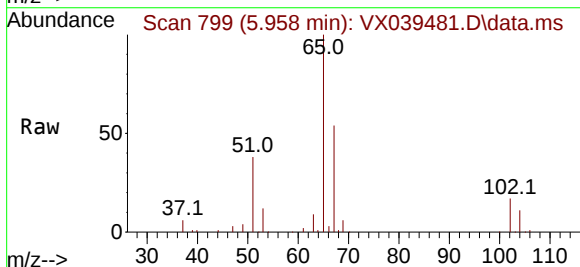
Acq: 26 Dec 2023 20:23

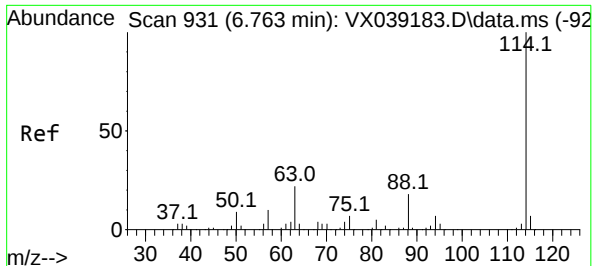
Tgt Ion: 65 Resp: 85001

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2

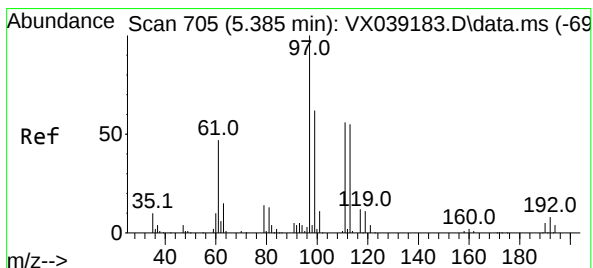
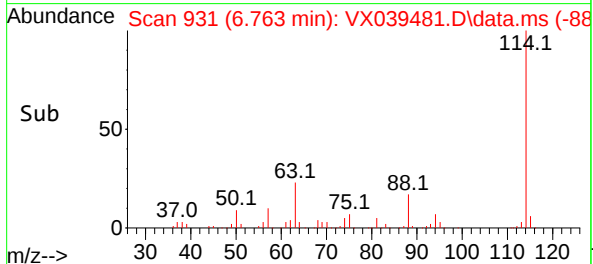
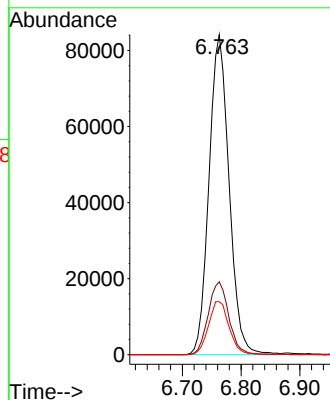
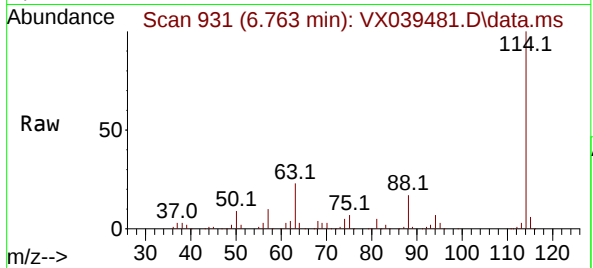




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

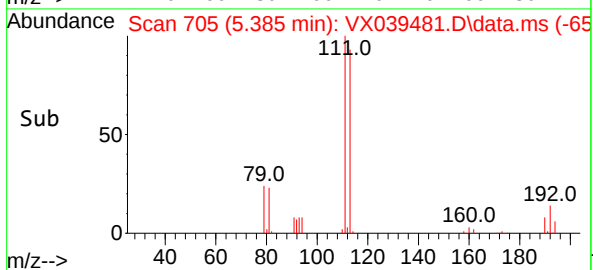
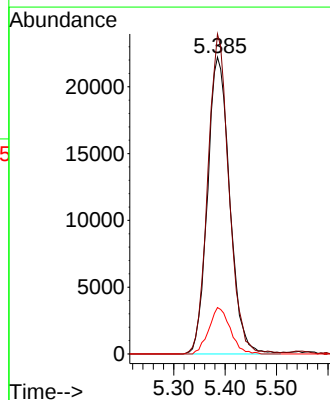
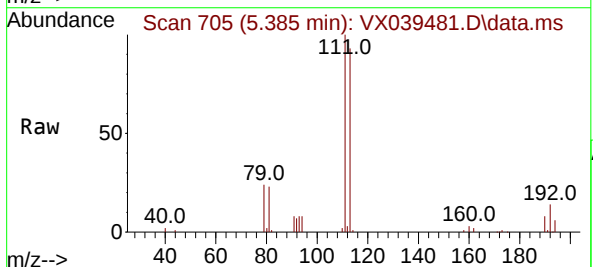
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#07

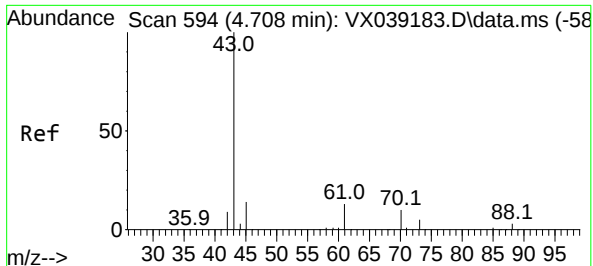
Tgt Ion:114 Resp: 199797
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.162 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Tgt Ion:113 Resp: 66478
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 15.1 13.3 19.9





#37

Ethyl Acetate

Concen: 1.085 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.018 min

Lab File: VX039481.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#07

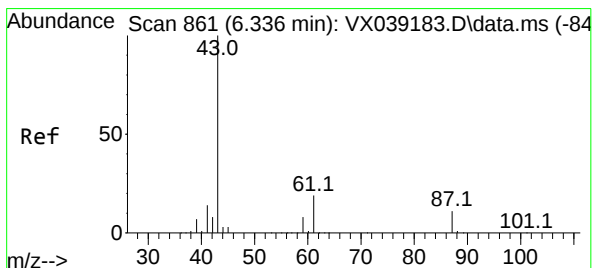
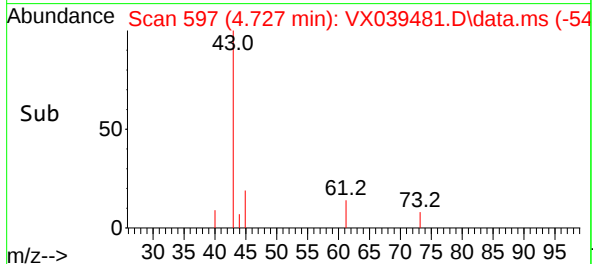
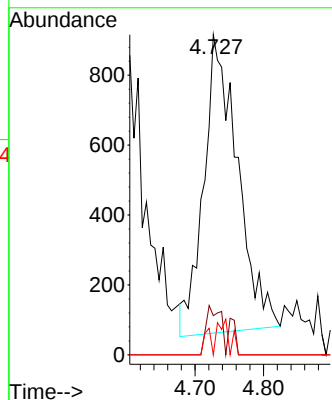
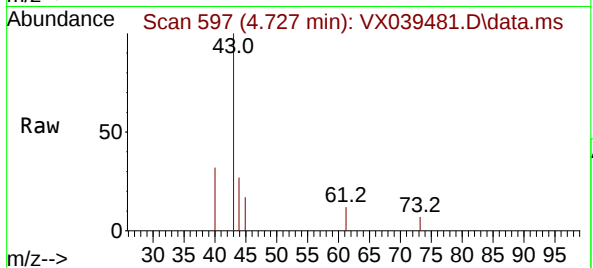
Tgt Ion: 43 Resp: 2919

Ion Ratio Lower Upper

43 100

61 7.1 10.6 16.0#

70 1.7 8.3 12.5#



#43

Isopropyl Acetate

Concen: 24.489 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX039481.D

Acq: 26 Dec 2023 20:23

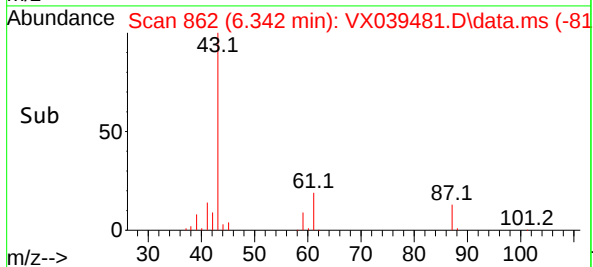
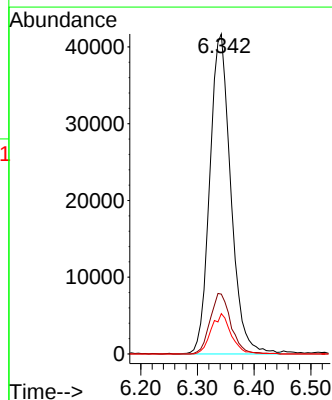
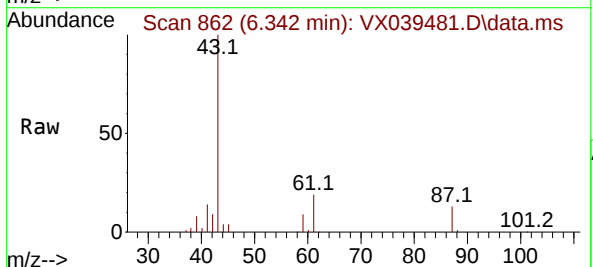
Tgt Ion: 43 Resp: 107163

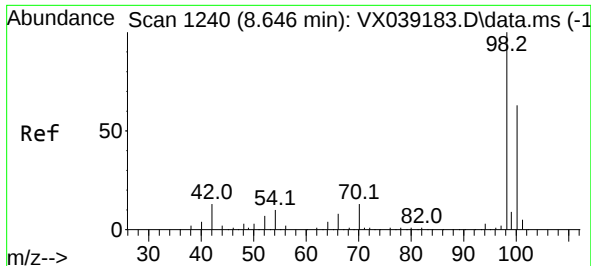
Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 12.0 9.8 14.6

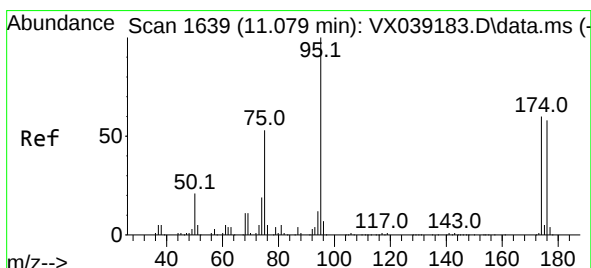
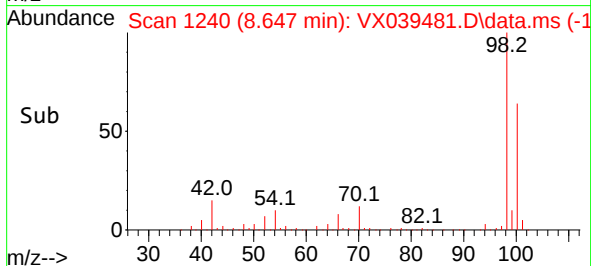
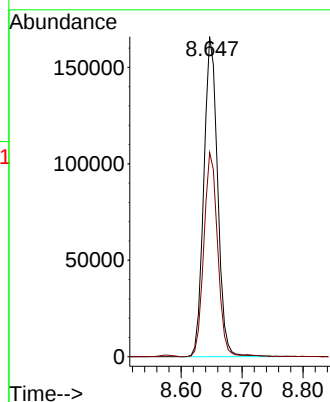
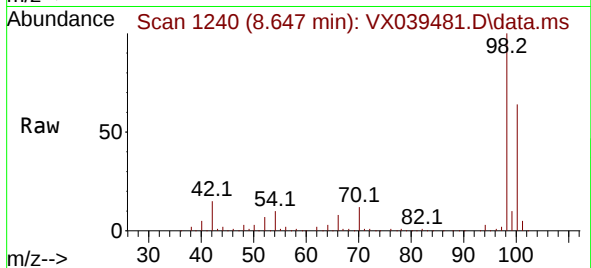




#50
Toluene-d8
Concen: 51.020 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

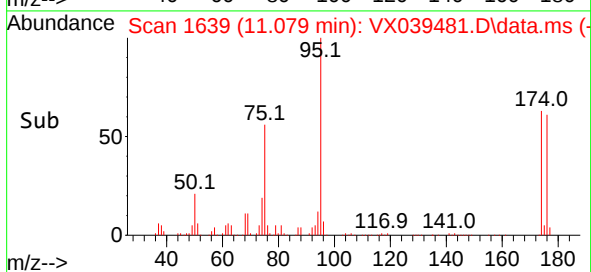
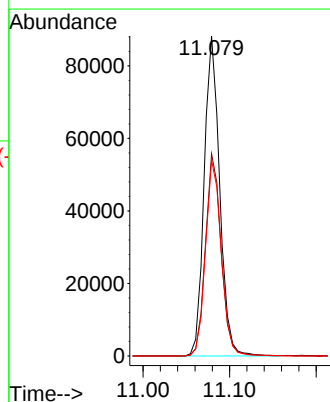
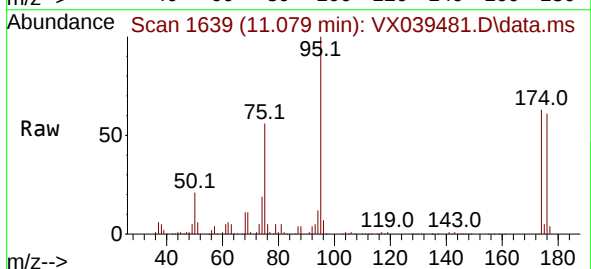
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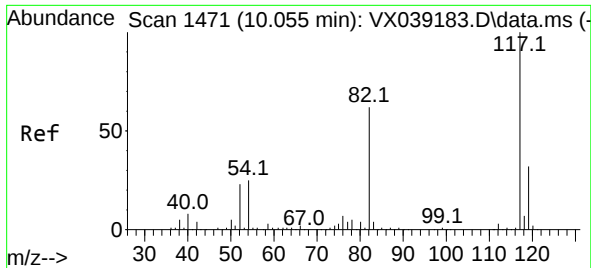
Tgt Ion: 98 Resp: 261448
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Tgt Ion: 95 Resp: 109670
Ion Ratio Lower Upper
95 100
174 64.0 0.0 135.6
176 62.2 0.0 131.0

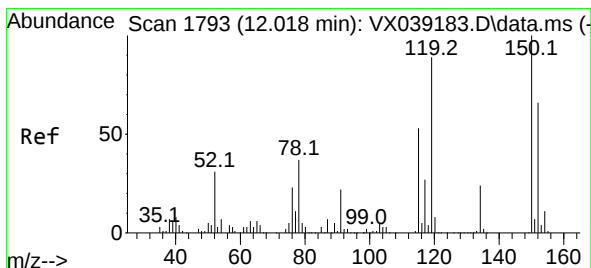
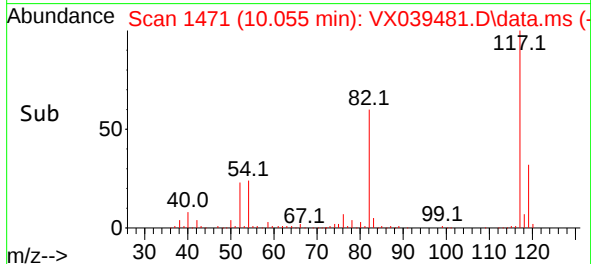
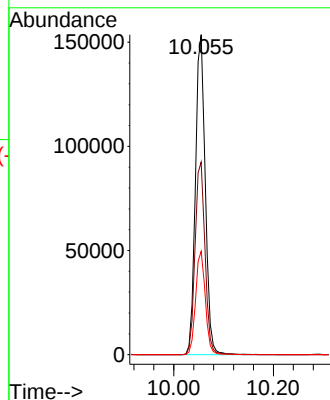
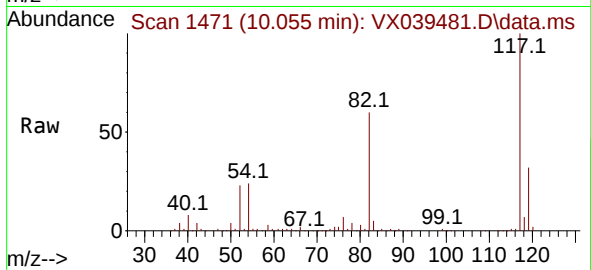




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#07

Tgt Ion:117 Resp: 210309
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039481.D
Acq: 26 Dec 2023 20:23

Tgt Ion:152 Resp: 99692
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 156.4 0.0 345.0

