

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039482.D
 Acq On : 26 Dec 2023 20:46
 Operator : JC/MD
 Sample : PB158014ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#08

Quant Time: Dec 27 04:44:54 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)

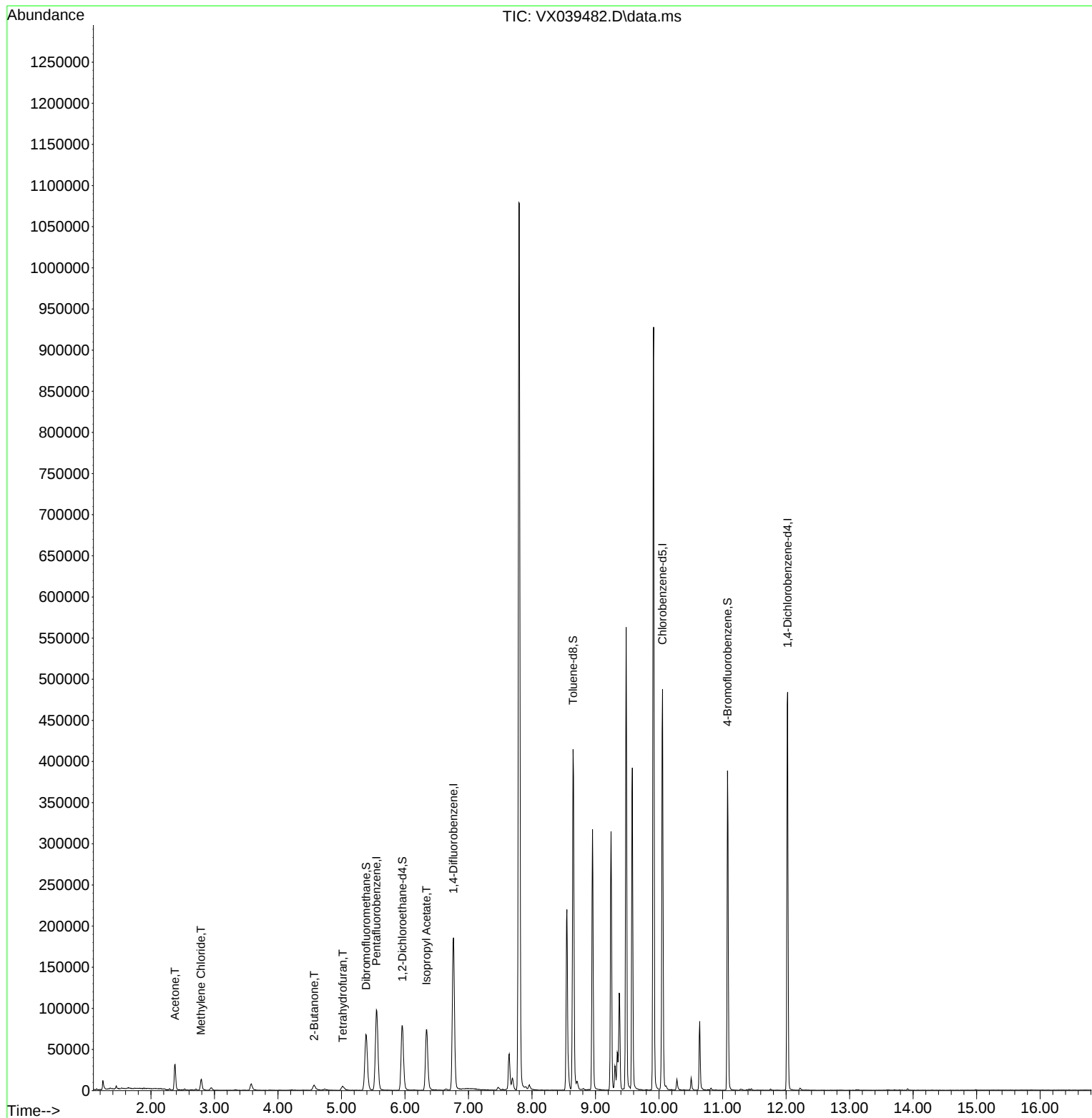
Internal Standards						
1) Pentafluorobenzene	5.549	168	85054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77606	49.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.385	113	59775	47.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.646	98	241270	51.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	104860	53.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	33993	15.634	ug/l	95
20) Methylene Chloride	2.788	84	6405	4.931	ug/l	91
25) 2-Butanone	4.568	43	8055	5.991	ug/l	99
29) Tetrahydrofuran	5.019	42	4967	6.689	ug/l	93
43) Isopropyl Acetate	6.336	43	108030	26.835	ug/l	99

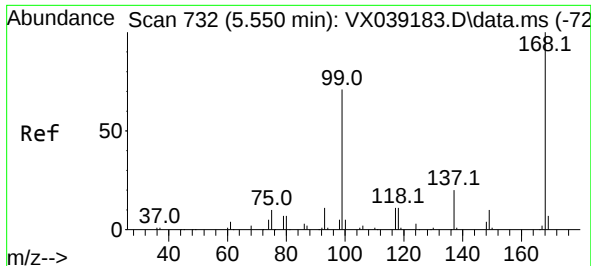
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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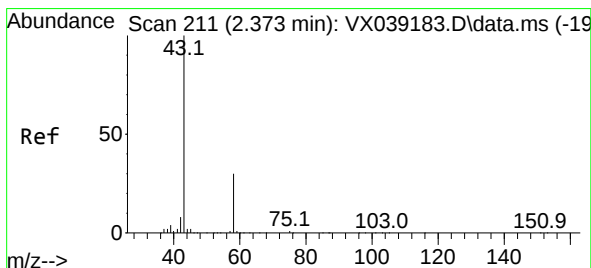
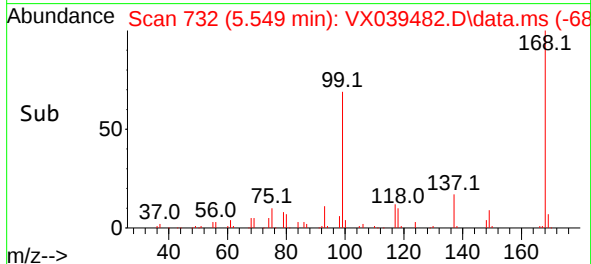
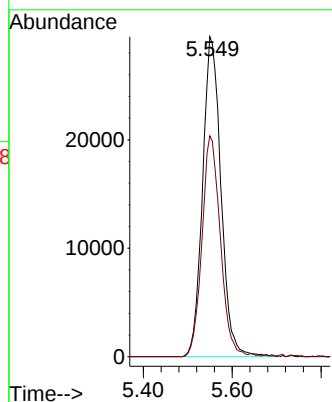
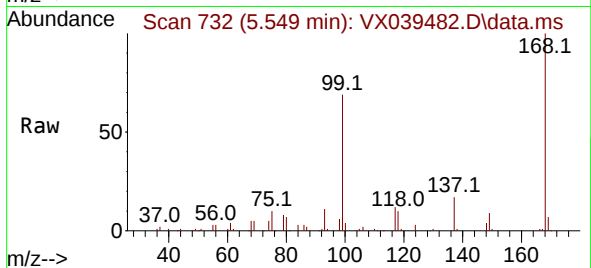




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

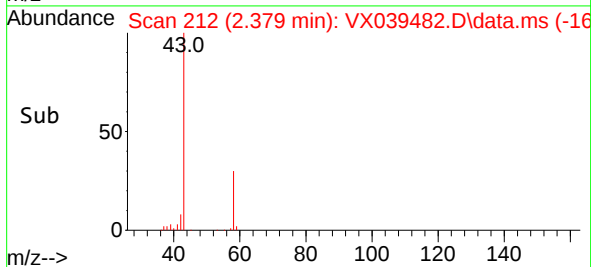
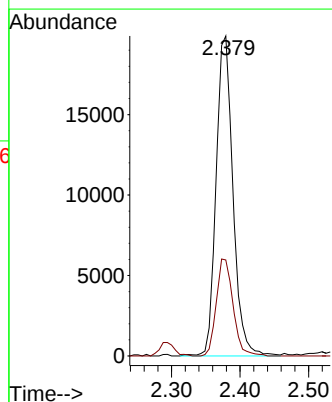
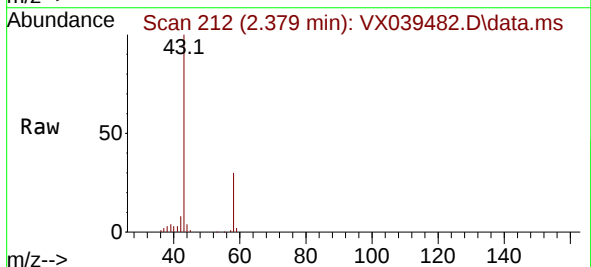
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#08

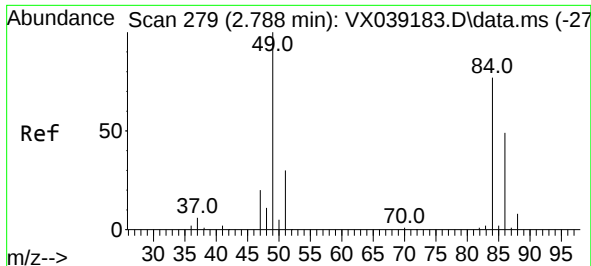
Tgt Ion:168 Resp: 85054
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#16
Acetone
Concen: 15.634 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 43 Resp: 33993
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#20

Methylene Chloride

Concen: 4.931 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039482.D

Acq: 26 Dec 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#08

Tgt Ion: 84 Resp: 6405

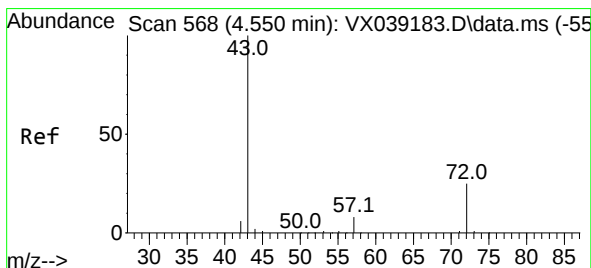
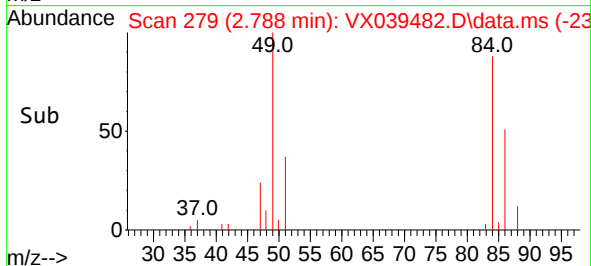
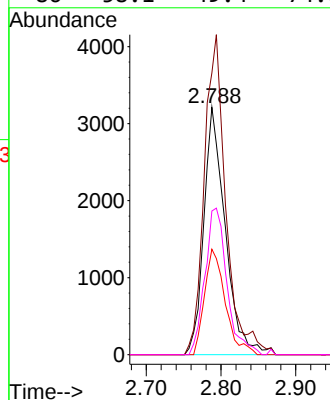
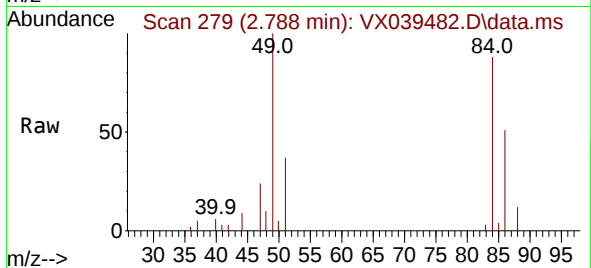
Ion Ratio Lower Upper

84 100

49 113.9 103.6 155.4

51 42.6 33.8 50.6

86 58.1 49.4 74.0



#25

2-Butanone

Concen: 5.991 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX039482.D

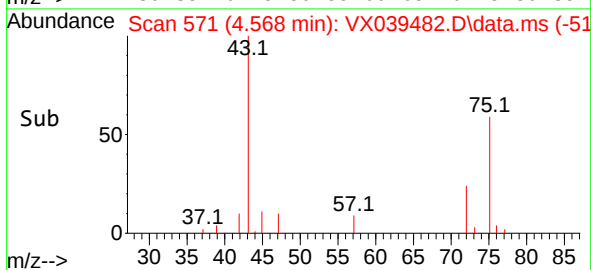
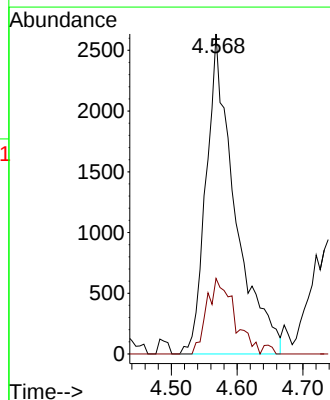
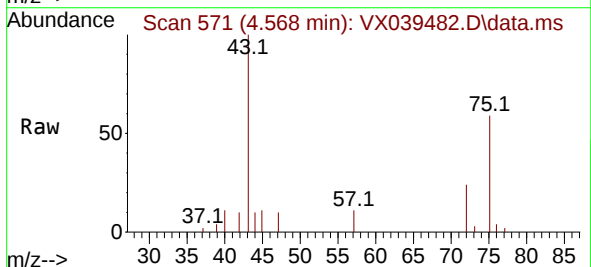
Acq: 26 Dec 2023 20:46

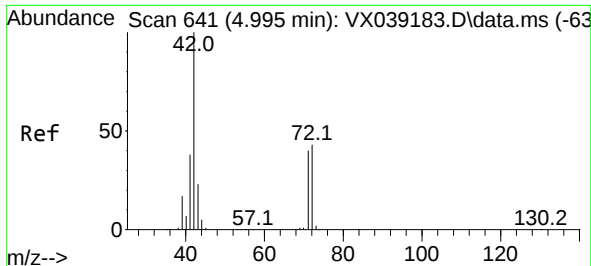
Tgt Ion: 43 Resp: 8055

Ion Ratio Lower Upper

43 100

72 23.6 19.4 29.2





#29

Tetrahydrofuran

Concen: 6.689 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX039482.D

Acq: 26 Dec 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#08

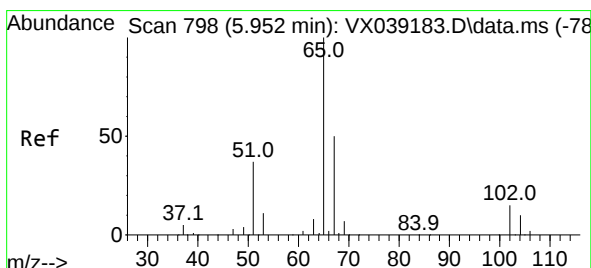
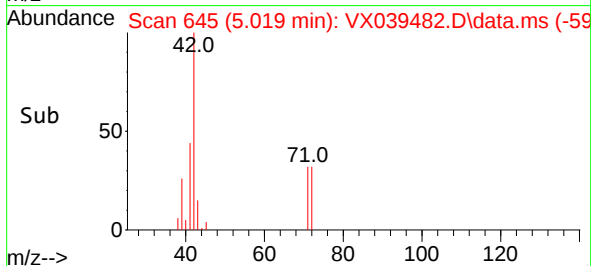
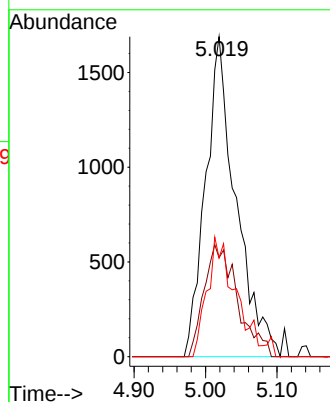
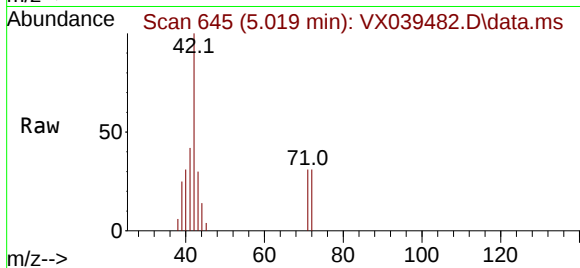
Tgt Ion: 42 Resp: 4967

Ion Ratio Lower Upper

42 100

72 38.7 34.2 51.4

71 35.1 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 49.807 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX039482.D

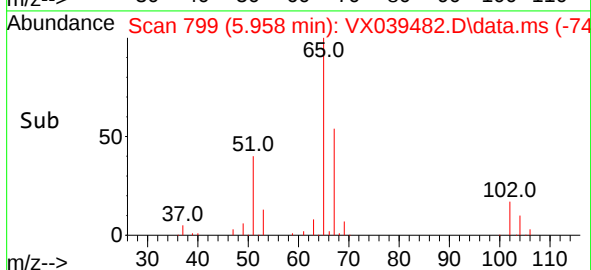
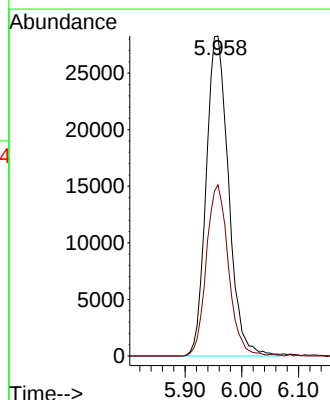
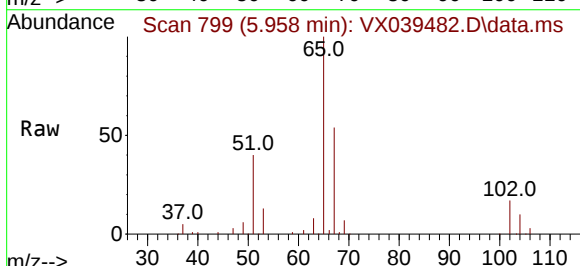
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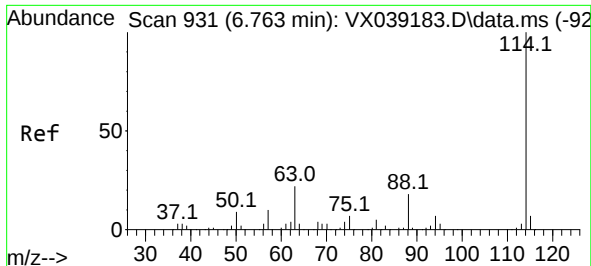
Tgt Ion: 65 Resp: 77606

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2

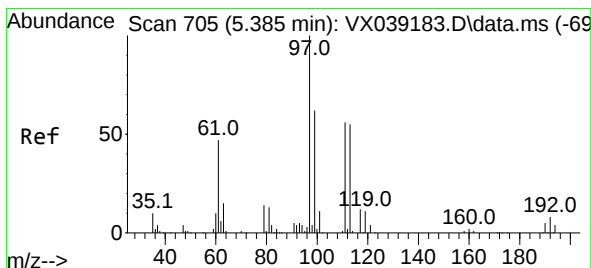
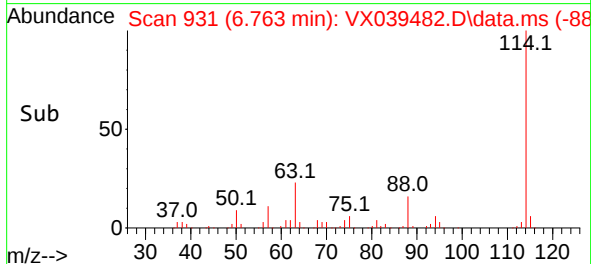
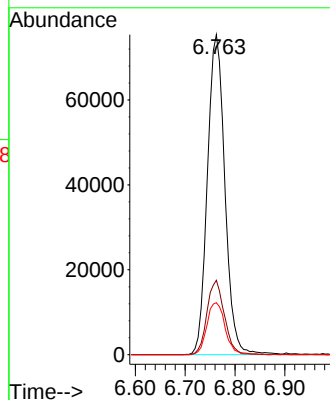
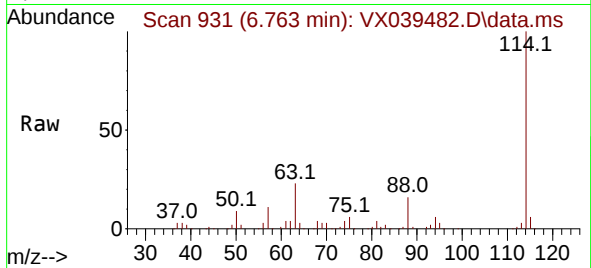




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

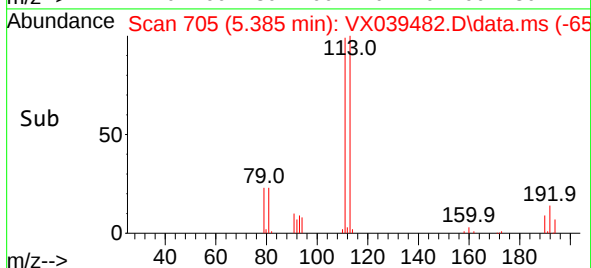
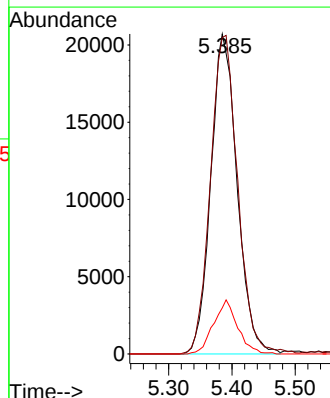
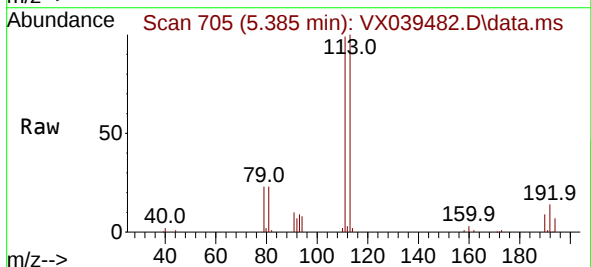
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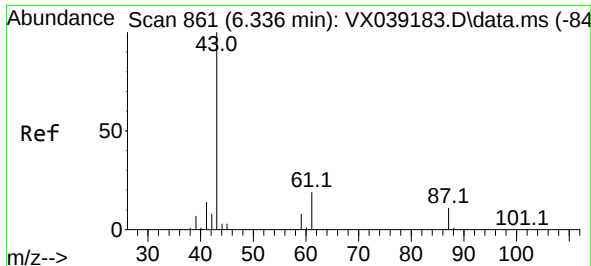
Tgt Ion:114 Resp: 183808
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion:113 Resp: 59775
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.5 13.3 19.9

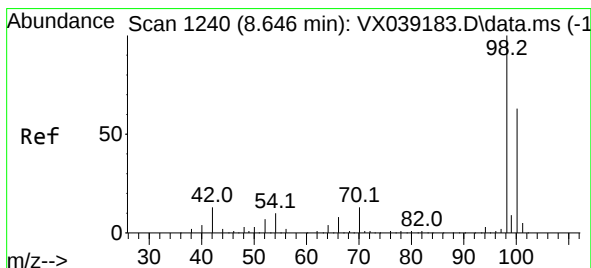
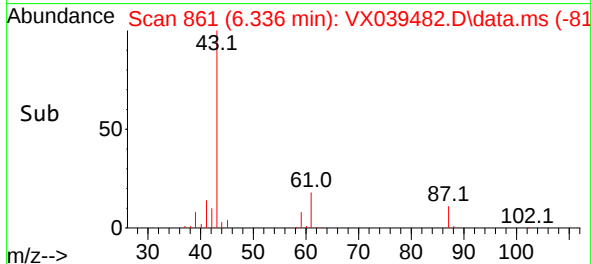
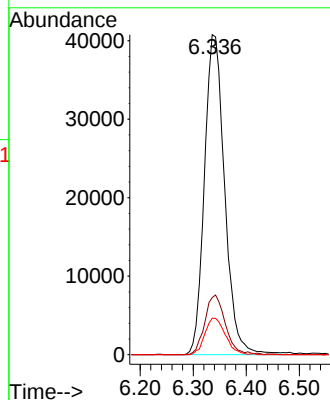
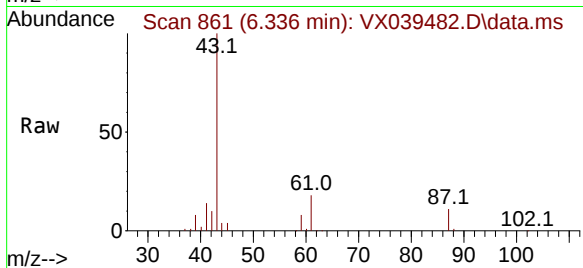




#43
Isopropyl Acetate
Concen: 26.835 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

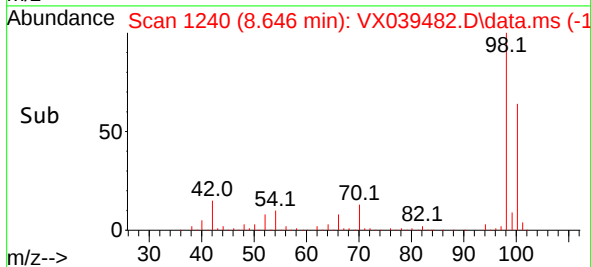
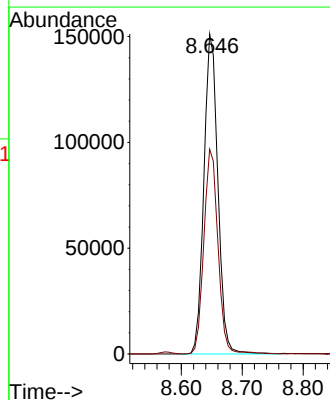
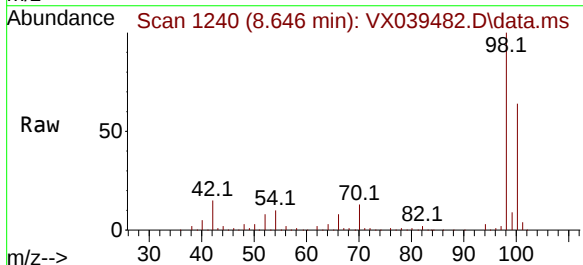
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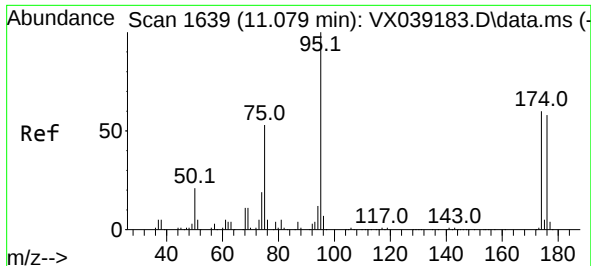
Tgt Ion: 43 Resp: 108030
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 11.6 9.8 14.6



#50
Toluene-d8
Concen: 51.178 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 98 Resp: 241270
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 53.910 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039482.D

Acq: 26 Dec 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#08

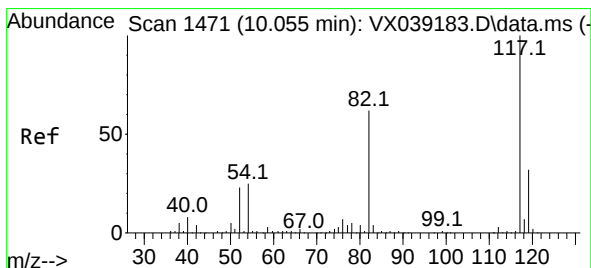
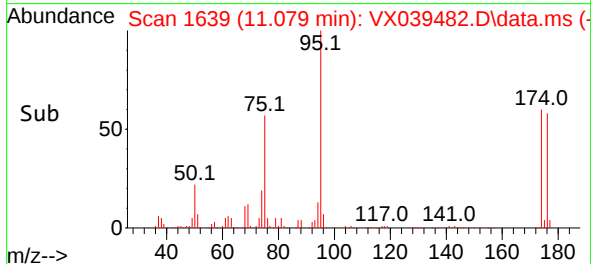
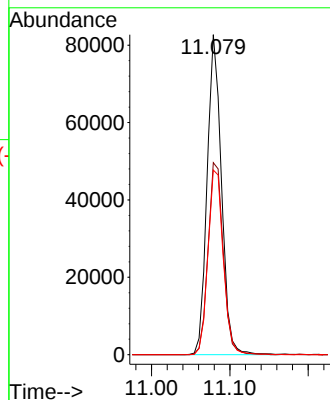
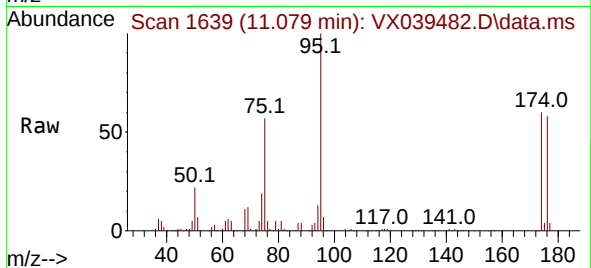
Tgt Ion: 95 Resp: 104860

Ion Ratio Lower Upper

95 100

174 63.6 0.0 135.6

176 61.5 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: VX039482.D

Acq: 26 Dec 2023 20:46

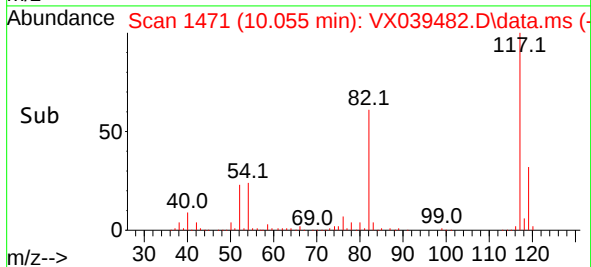
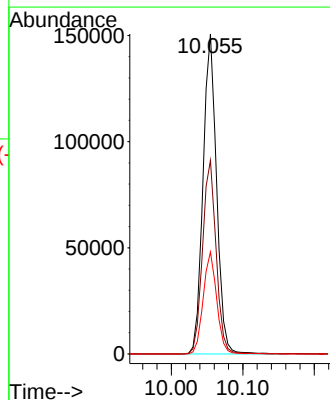
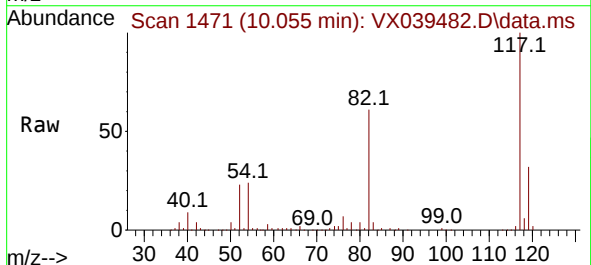
Tgt Ion: 117 Resp: 198534

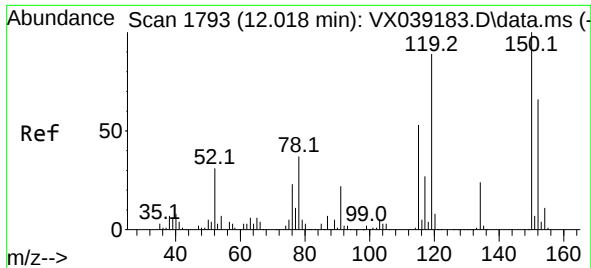
Ion Ratio Lower Upper

117 100

82 60.5 46.2 69.4

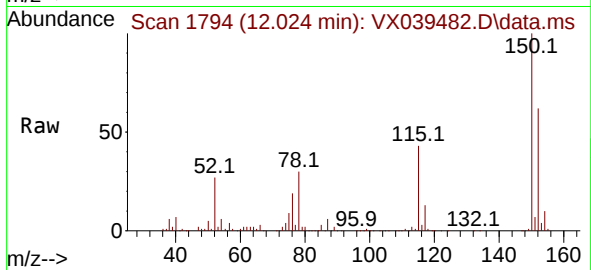
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039482.D
 Acq: 26 Dec 2023 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#08



Tgt Ion:152	Resp:	92408
Ion	Ratio	Lower Upper
152	100	
115	68.1	43.3 129.9
150	160.1	0.0 345.0

