

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043573.D
 Acq On : 28 Oct 2024 19:10
 Operator : JC/MD
 Sample : PB164394ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164394ZHE#05

Quant Time: Oct 29 03:29:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

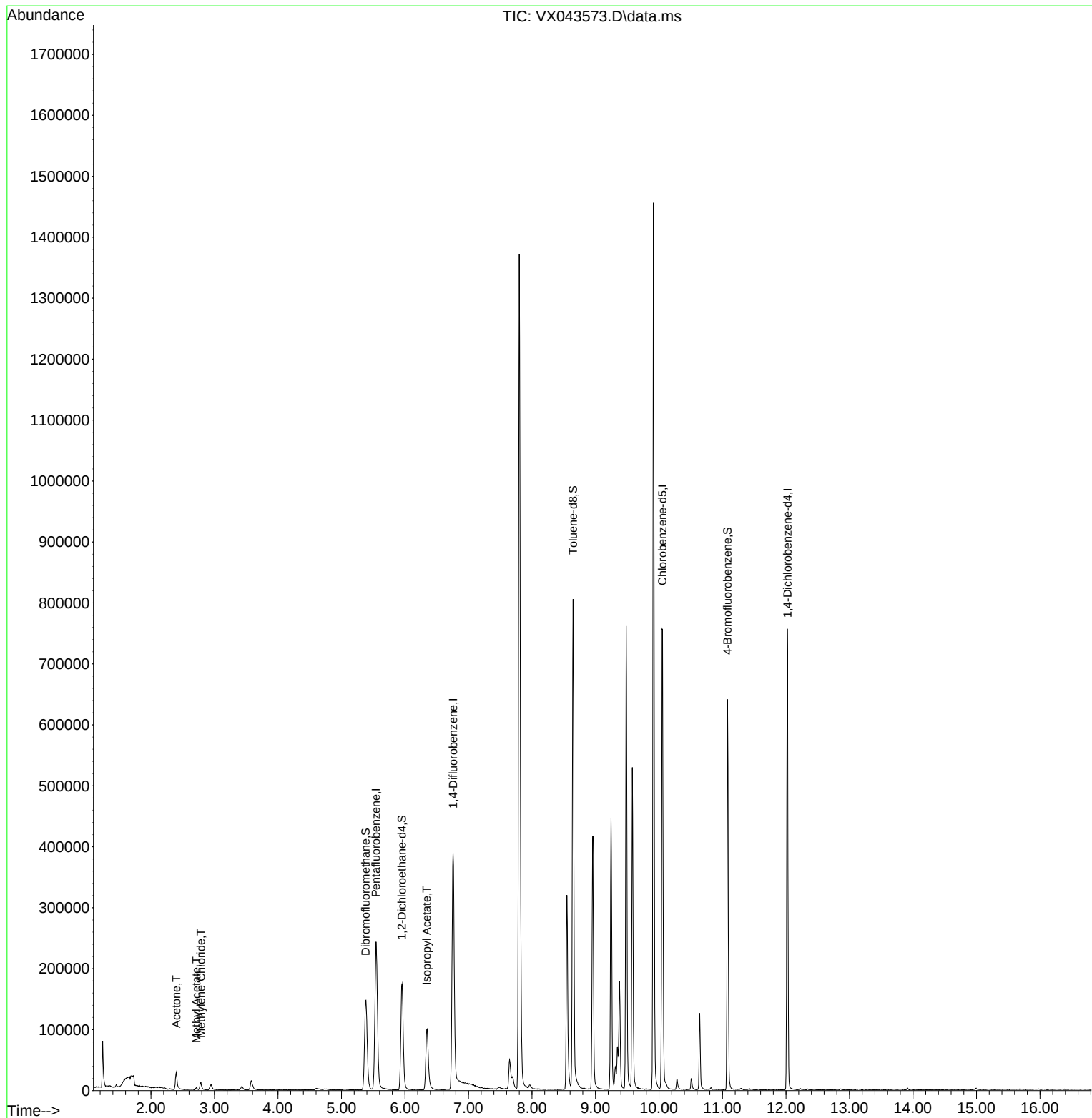
Internal Standards						
1) Pentafluorobenzene	5.544	168	227453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	425180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168247	46.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.780%
35) Dibromofluoromethane	5.379	113	134437	46.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	497786	49.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	173656	46.957	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.920%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	35250	24.475	ug/l	96
18) Methyl Acetate	2.715	43	5100	1.212	ug/l #	87
20) Methylene Chloride	2.788	84	5650	1.820	ug/l	90
43) Isopropyl Acetate	6.342	43	153994	22.435	ug/l	99

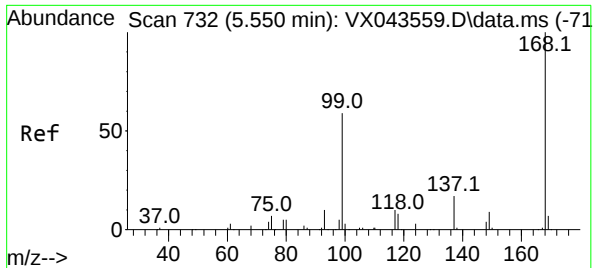
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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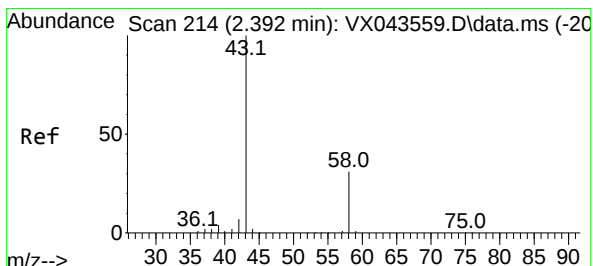
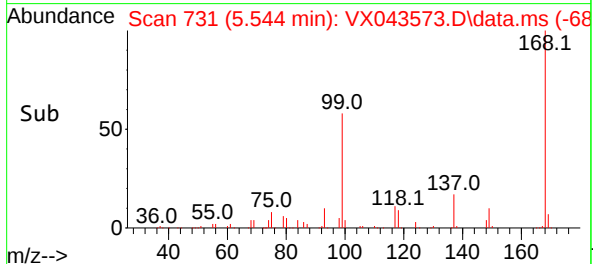
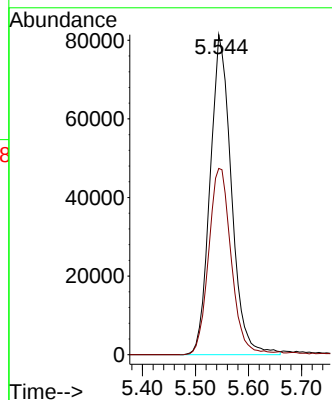
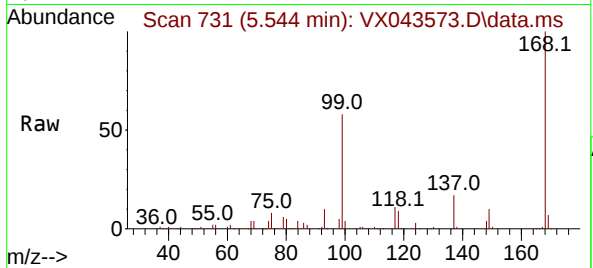




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

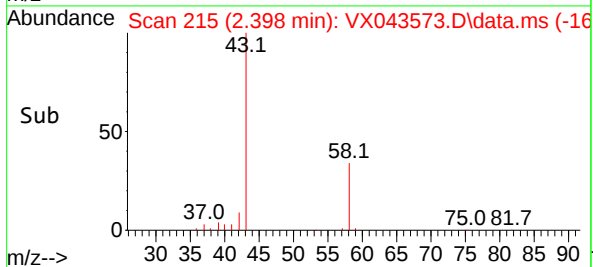
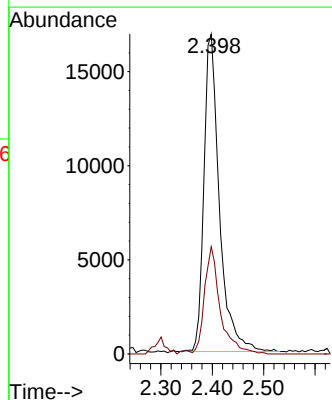
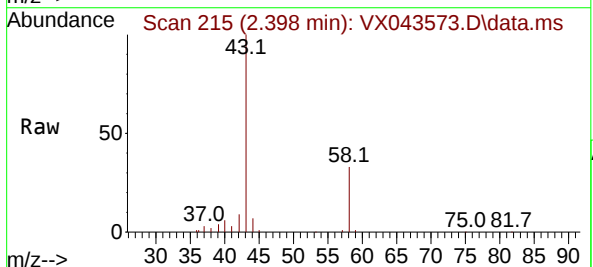
Instrument :
MSVOA_X
ClientSampleId :
PB164394ZHE#05

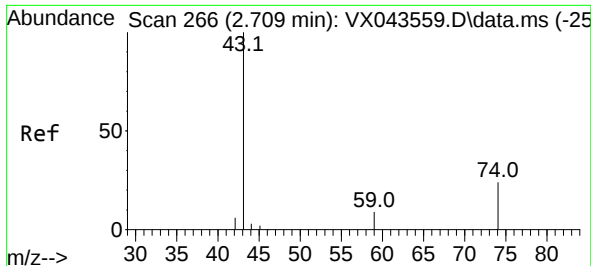
Tgt Ion:168 Resp: 227453
Ion Ratio Lower Upper
168 100
99 58.2 52.6 78.8



#16
Acetone
Concen: 24.475 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

Tgt Ion: 43 Resp: 35250
Ion Ratio Lower Upper
43 100
58 33.7 25.1 37.7





#18

Methyl Acetate

Concen: 1.212 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX043573.D

Acq: 28 Oct 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

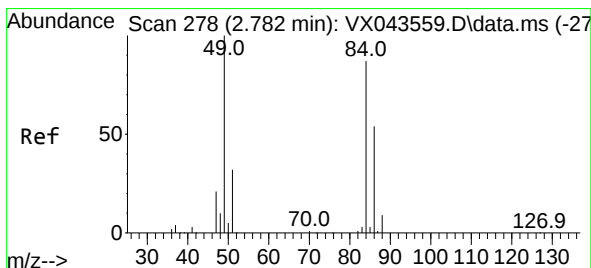
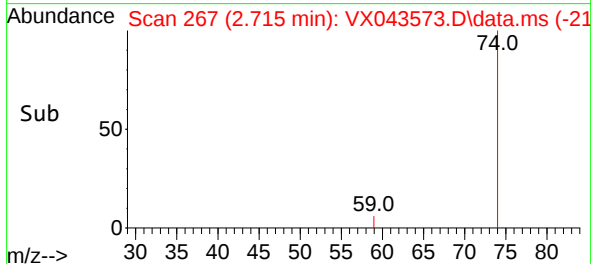
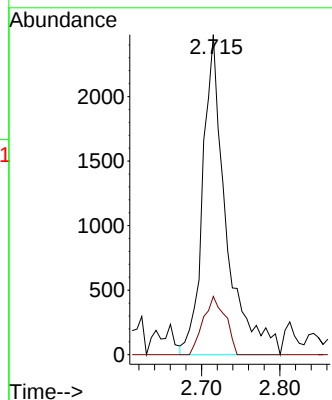
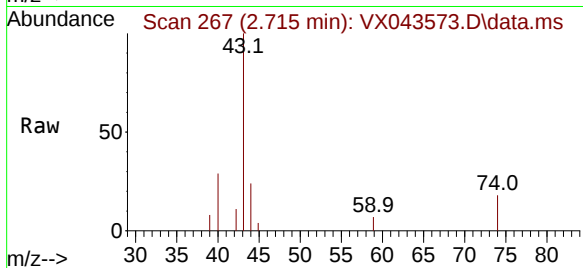
PB164394ZHE#05

Tgt Ion: 43 Resp: 5100

Ion Ratio Lower Upper

43 100

74 17.4 19.1 28.7#



#20

Methylene Chloride

Concen: 1.820 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043573.D

Acq: 28 Oct 2024 19:10

Tgt Ion: 84 Resp: 5650

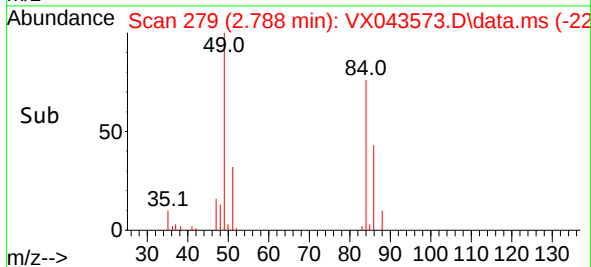
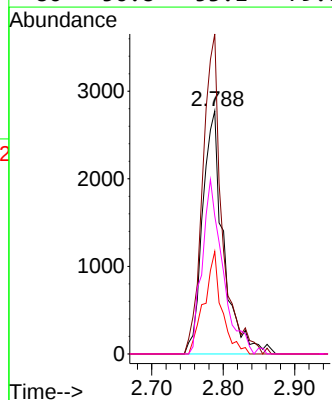
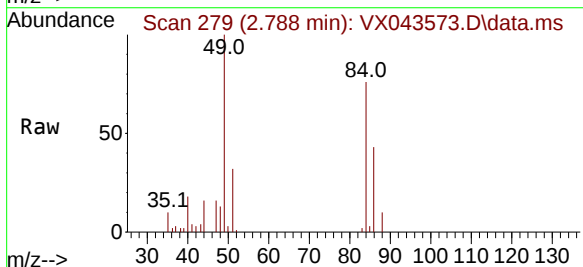
Ion Ratio Lower Upper

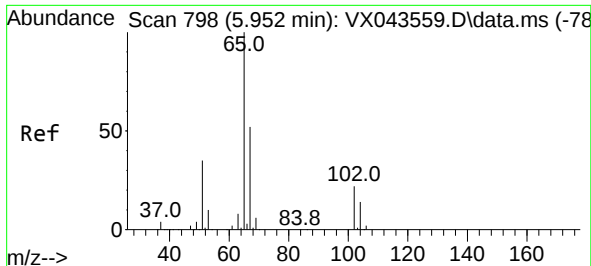
84 100

49 131.6 97.0 145.6

51 42.1 29.8 44.8

86 56.8 53.1 79.7





#33

1,2-Dichloroethane-d4

Concen: 46.390 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043573.D

Acq: 28 Oct 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

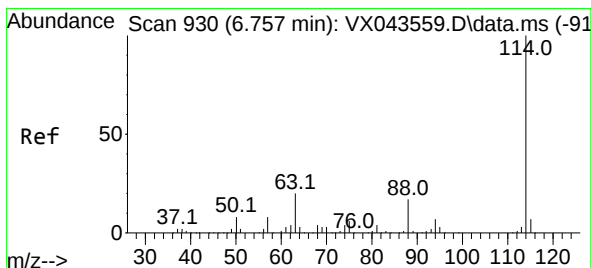
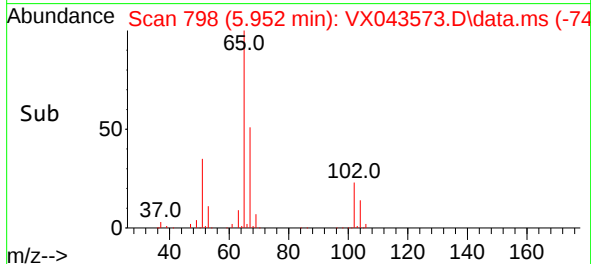
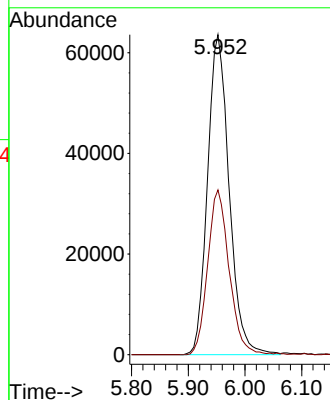
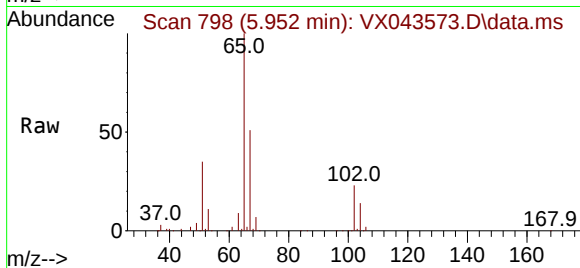
PB164394ZHE#05

Tgt Ion: 65 Resp: 168247

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043573.D

Acq: 28 Oct 2024 19:10

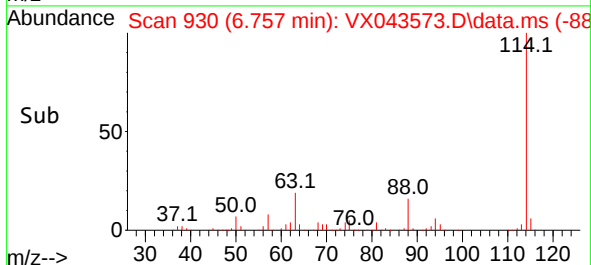
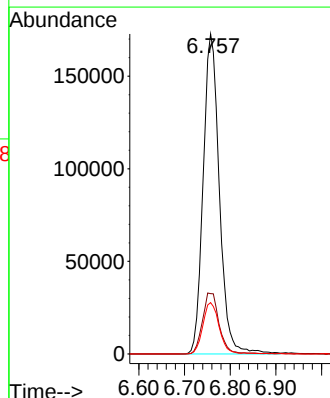
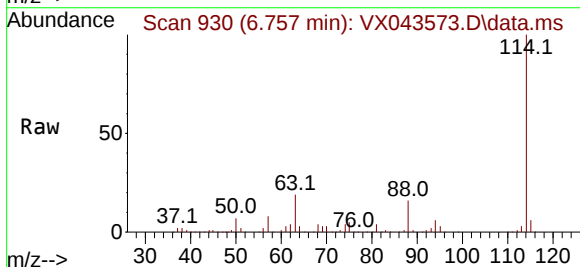
Tgt Ion: 114 Resp: 425180

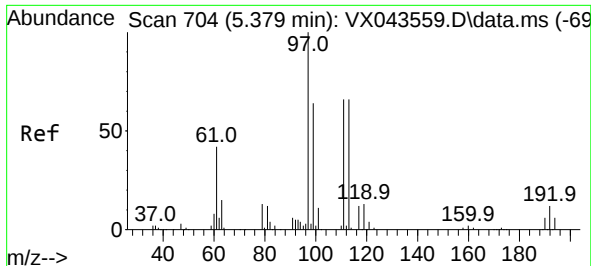
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.2

88 16.0 0.0 34.0

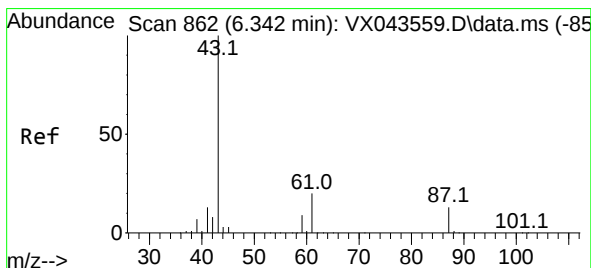
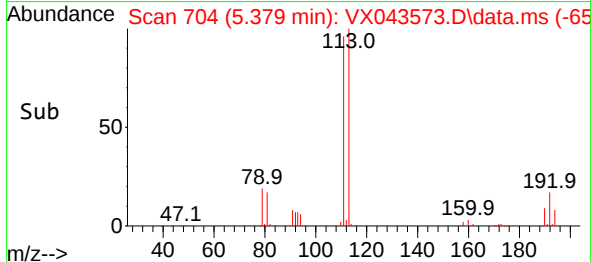
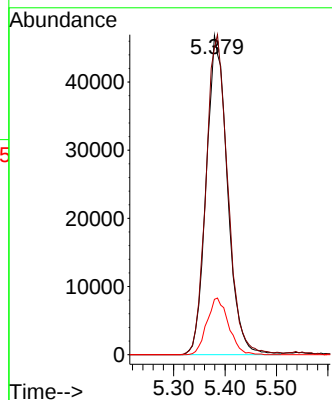
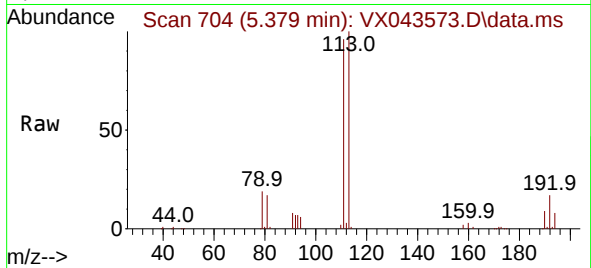




#35
Dibromofluoromethane
Concen: 46.629 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

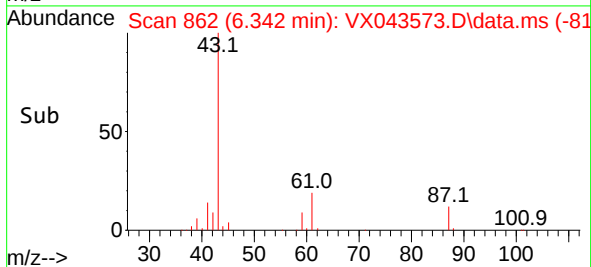
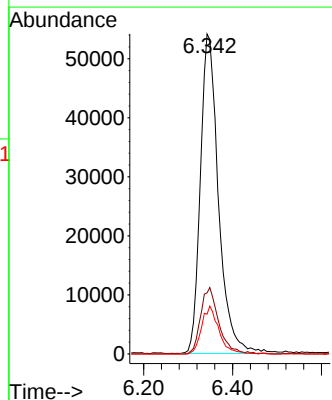
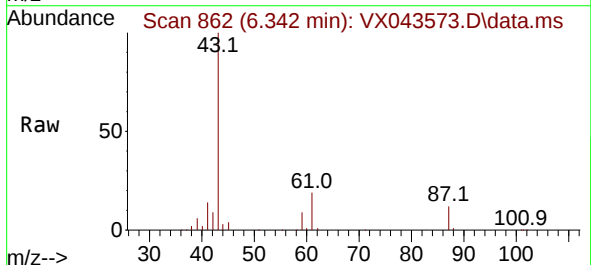
Instrument :
MSVOA_X
ClientSampleId :
PB164394ZHE#05

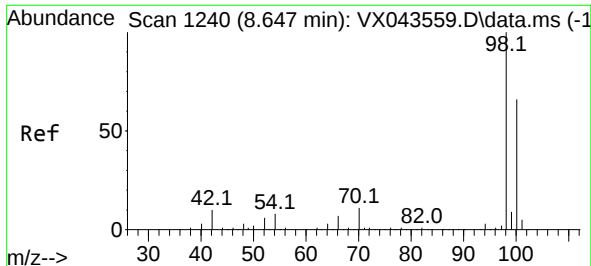
Tgt Ion:113 Resp: 134437
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.1 14.1 21.1



#43
Isopropyl Acetate
Concen: 22.435 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

Tgt Ion: 43 Resp: 153994
Ion Ratio Lower Upper
43 100
61 20.5 16.2 24.4
87 14.2 11.0 16.6

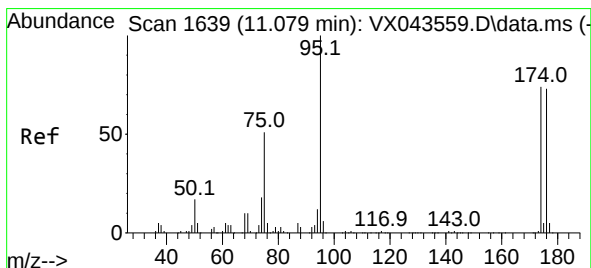
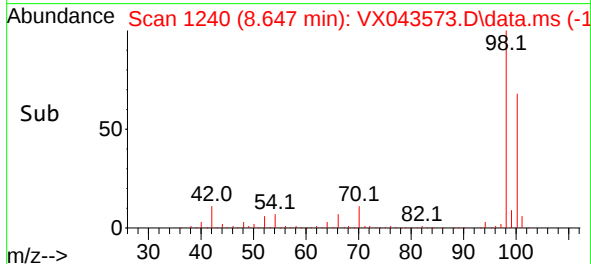
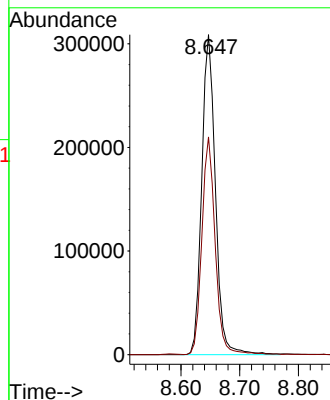
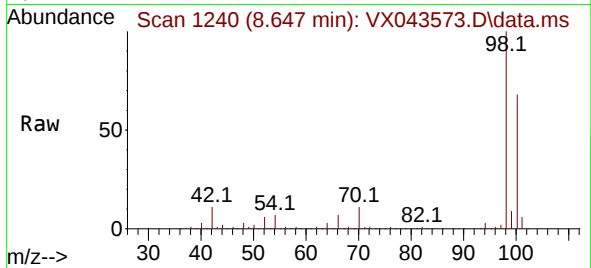




#50
Toluene-d8
Concen: 49.877 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

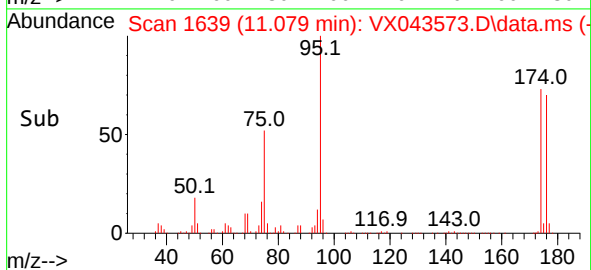
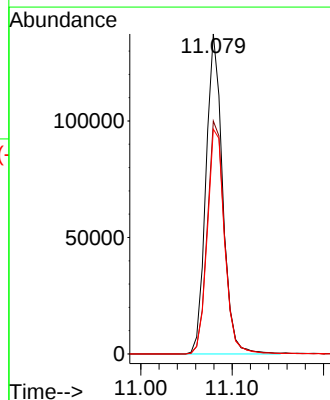
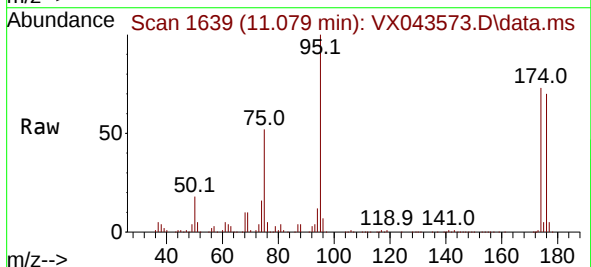
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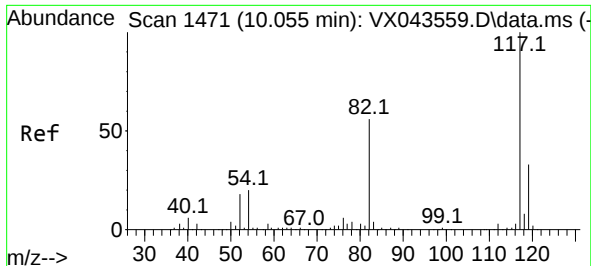
Tgt Ion: 98 Resp: 497786
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

Tgt Ion: 95 Resp: 173656
Ion Ratio Lower Upper
95 100
174 75.9 0.0 146.6
176 72.8 0.0 139.6

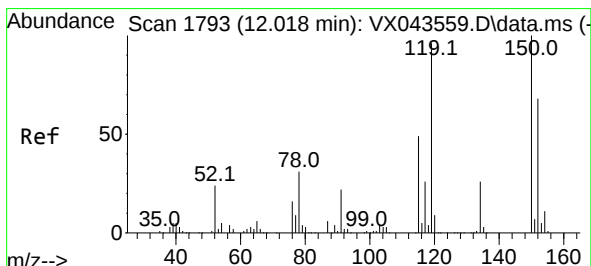
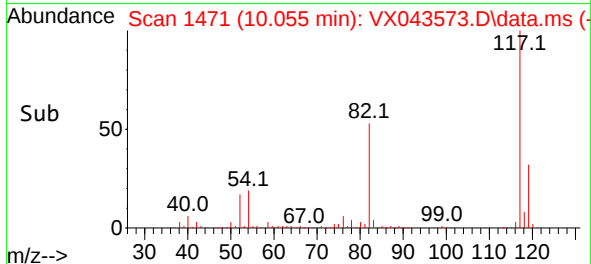
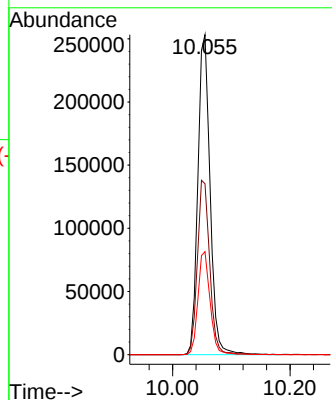
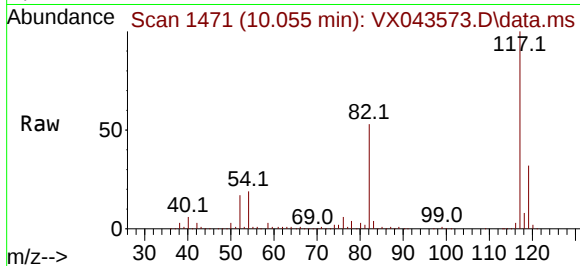




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :
PB164394ZHE#05

Tgt Ion:117 Resp: 366010
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043573.D
Acq: 28 Oct 2024 19:10

Tgt Ion:152 Resp: 164944
Ion Ratio Lower Upper
152 100
115 61.1 42.9 128.7
150 154.4 0.0 343.6

