

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038807.D
 Acq On : 14 Nov 2023 15:35
 Operator : JC/MD
 Sample : 05323-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Nov 14 16:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

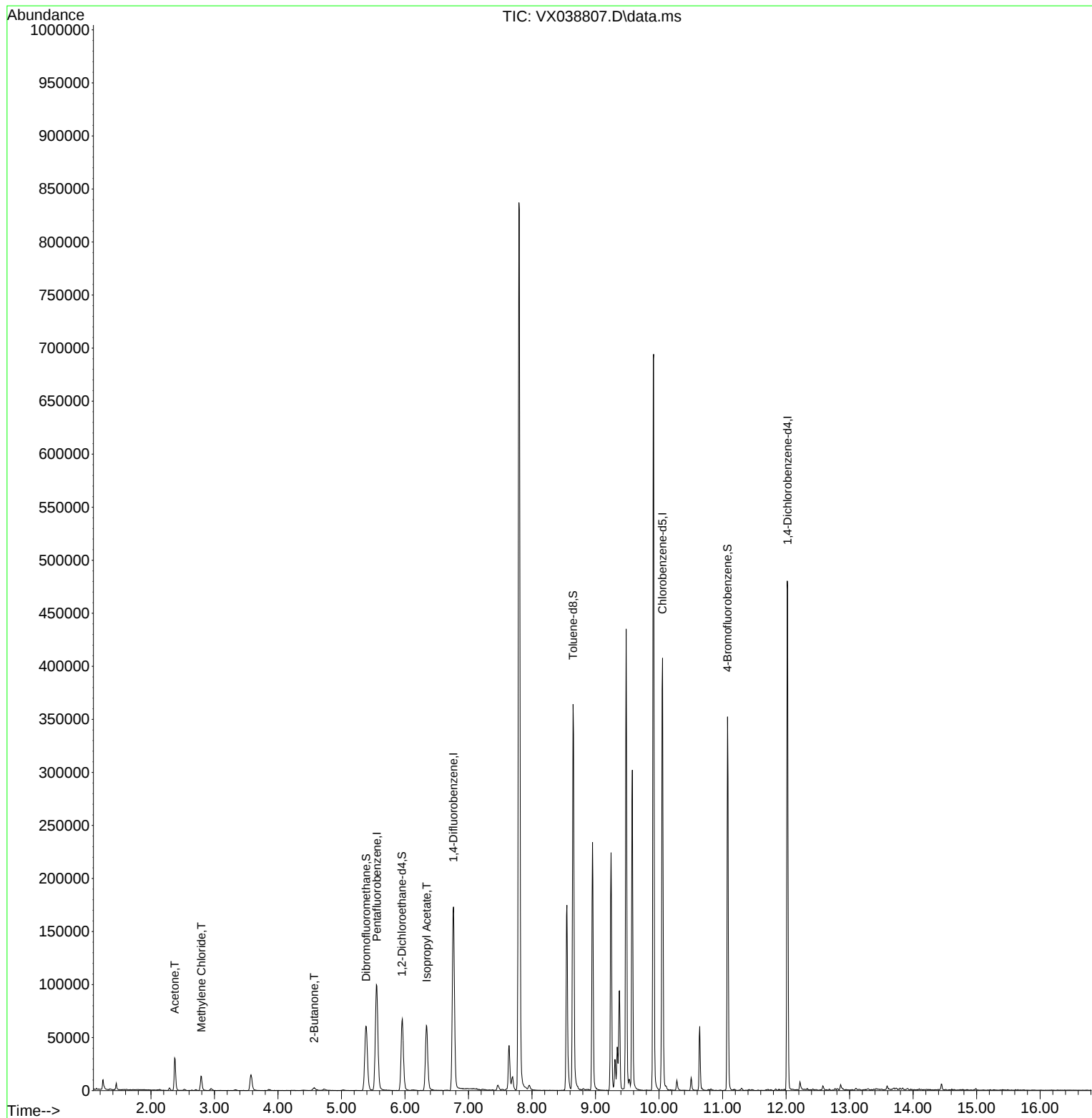
Internal Standards						
1) Pentafluorobenzene	5.556	168	96577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64022	46.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.200%
35) Dibromofluoromethane	5.385	113	58714	45.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.647	98	228777	47.757	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.079	95	106349	53.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.200%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	32130	43.641	ug/l #	85
20) Methylene Chloride	2.794	84	6350	4.611	ug/l	89
25) 2-Butanone	4.568	43	3513	3.211	ug/l	95
43) Isopropyl Acetate	6.342	43	85831	27.329	ug/l	95

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

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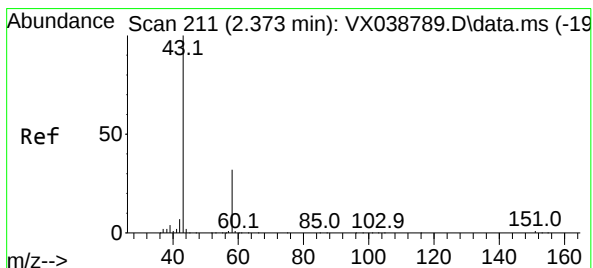
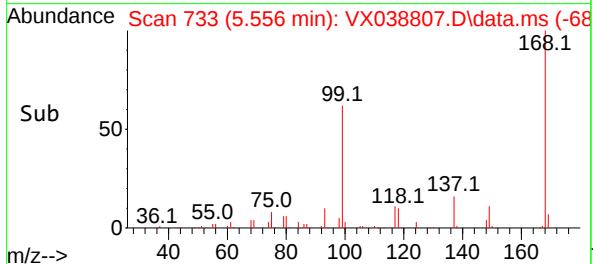
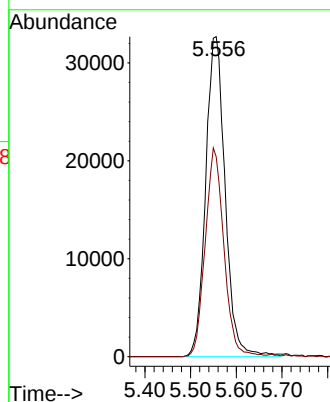
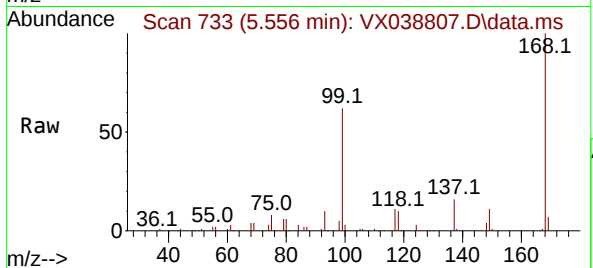




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038807.D
Acq: 14 Nov 2023 15:35

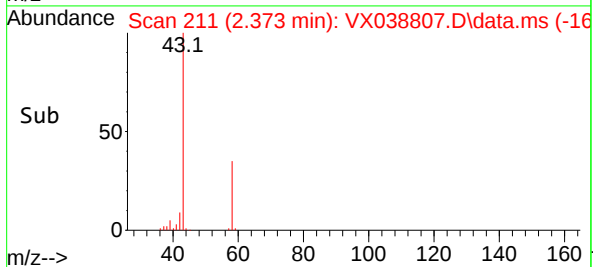
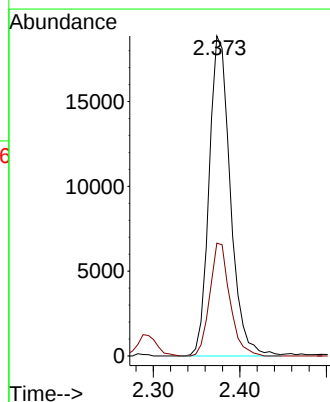
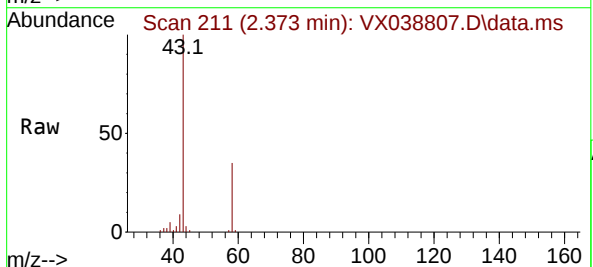
Instrument :
MSVOA_X
ClientSampleId :
TP-1

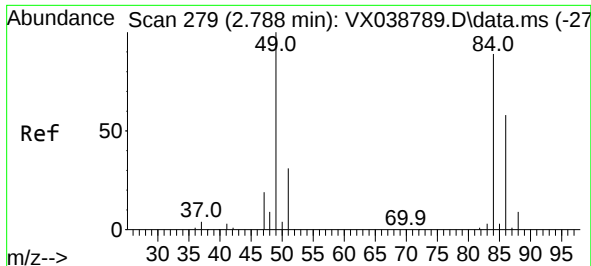
Tgt Ion:168 Resp: 96577
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#16
Acetone
Concen: 43.641 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038807.D
Acq: 14 Nov 2023 15:35

Tgt Ion: 43 Resp: 32130
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#





#20

Methylene Chloride

Concen: 4.611 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038807.D

Acq: 14 Nov 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 6350

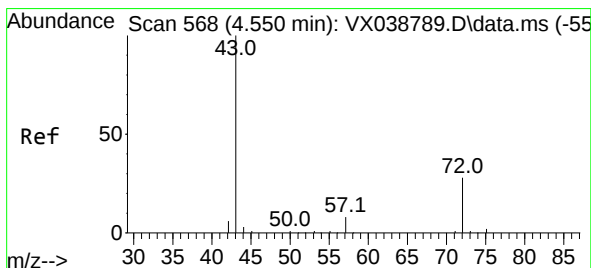
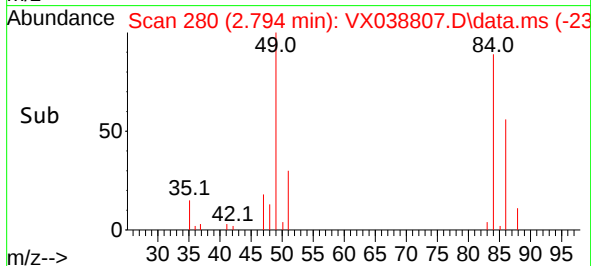
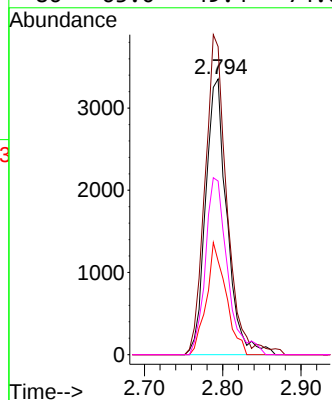
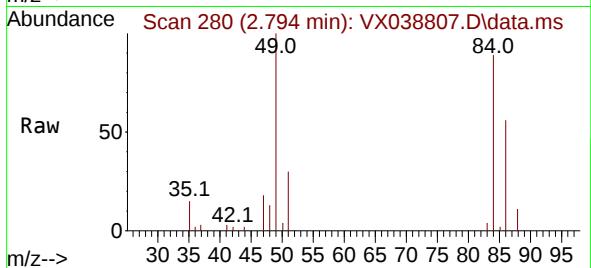
Ion Ratio Lower Upper

84 100

49 111.7 103.6 155.4

51 33.9 33.8 50.6

86 63.0 49.4 74.0



#25

2-Butanone

Concen: 3.211 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX038807.D

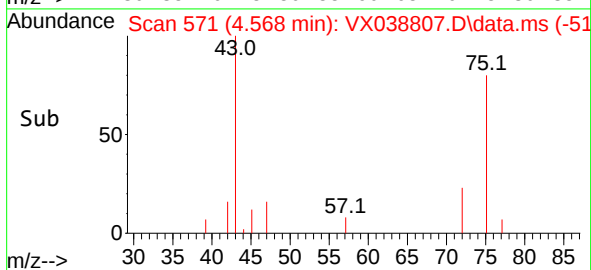
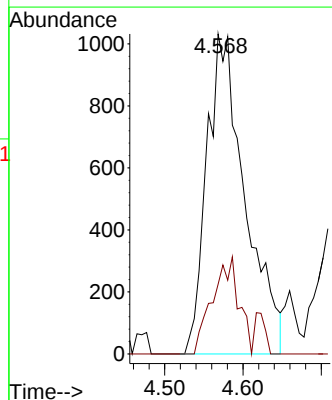
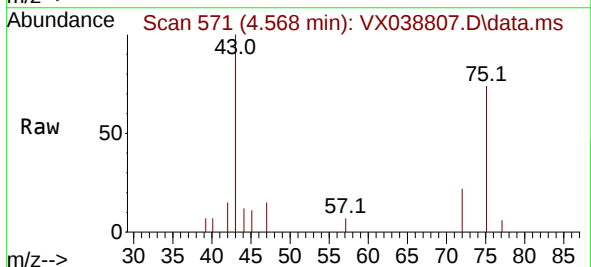
Acq: 14 Nov 2023 15:35

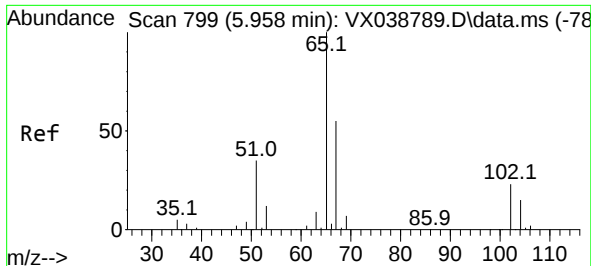
Tgt Ion: 43 Resp: 3513

Ion Ratio Lower Upper

43 100

72 21.8 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.596 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038807.D

Acq: 14 Nov 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

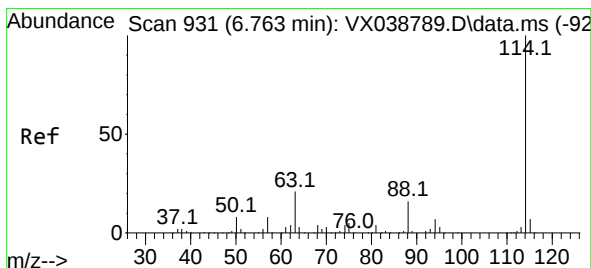
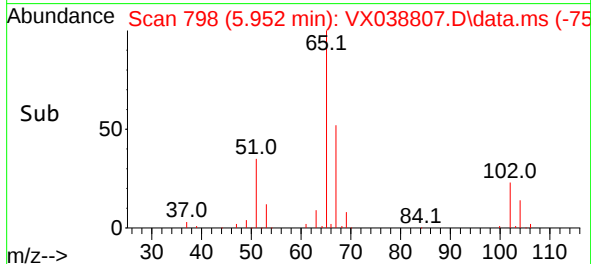
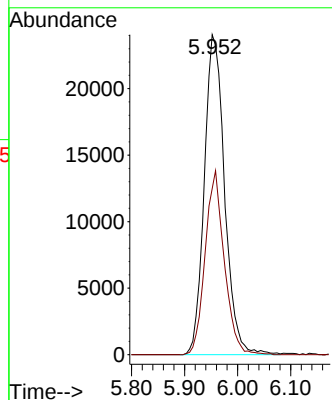
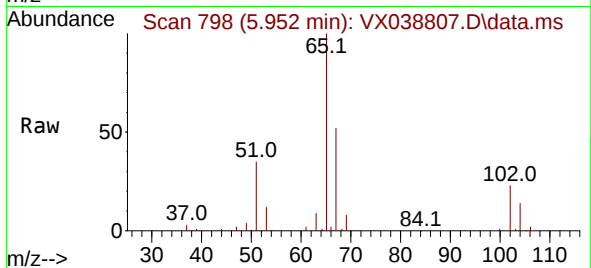
TP-1

Tgt Ion: 65 Resp: 64022

Ion Ratio Lower Upper

65 100

67 54.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038807.D

Acq: 14 Nov 2023 15:35

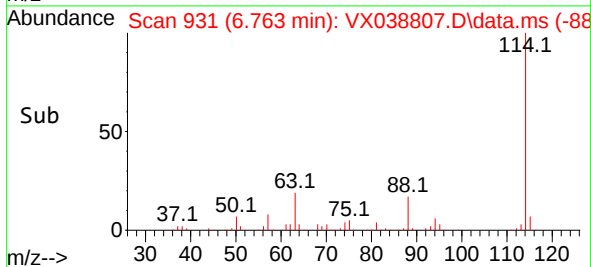
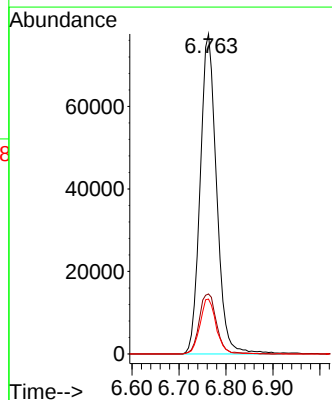
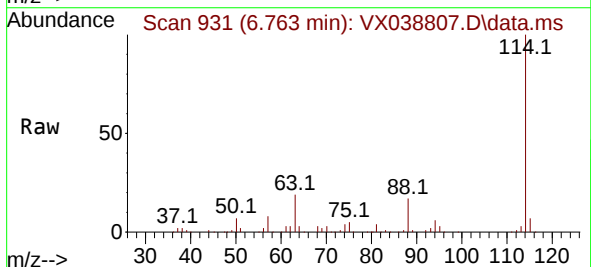
Tgt Ion: 114 Resp: 188251

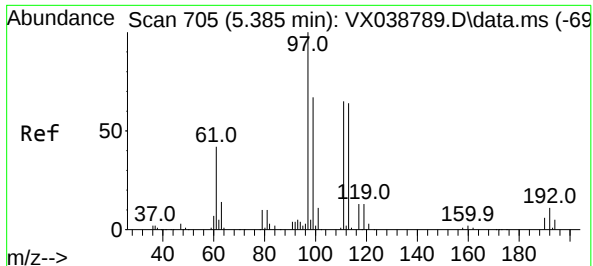
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.399 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038807.D

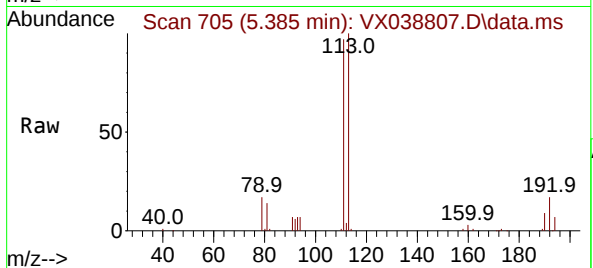
Acq: 14 Nov 2023 15:35

Instrument :

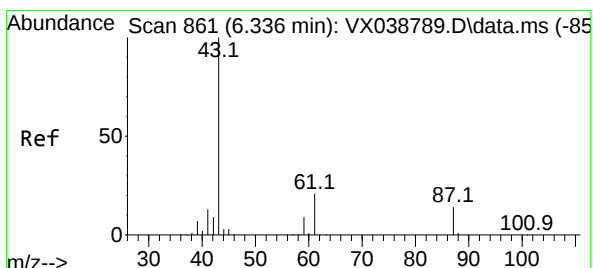
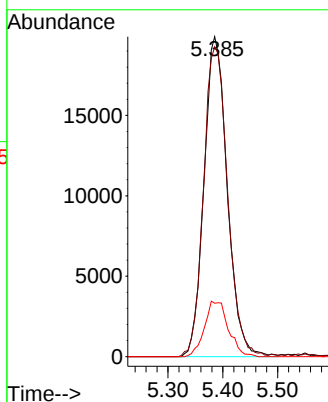
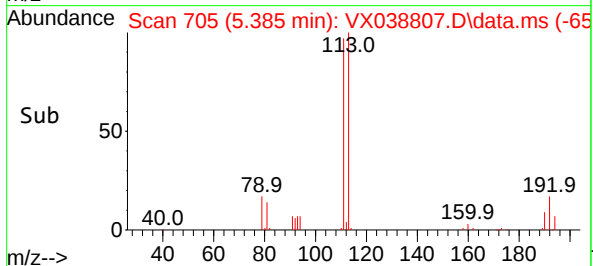
MSVOA_X

ClientSampleId :

TP-1



Tgt Ion:	113	Resp:	58714
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.9	124.3
192	17.7	13.3	19.9



#43

Isopropyl Acetate

Concen: 27.329 ug/l

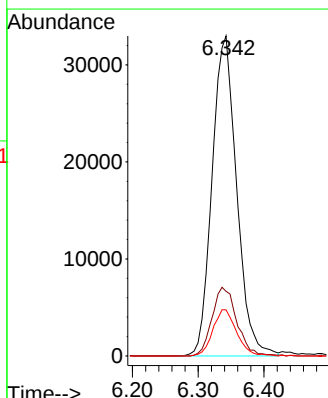
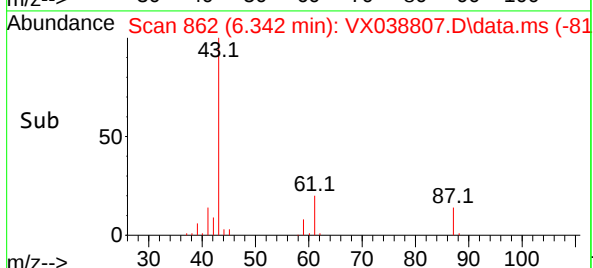
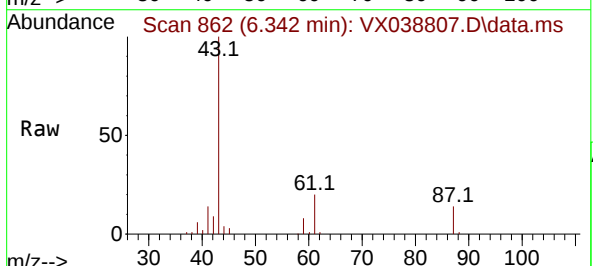
RT: 6.342 min Scan# 862

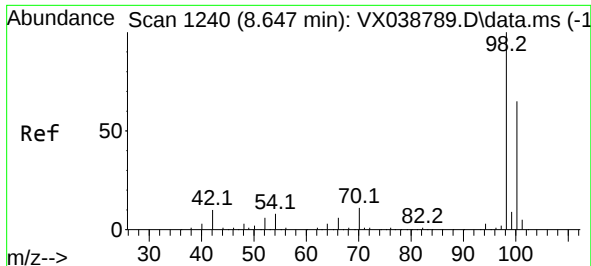
Delta R.T. 0.006 min

Lab File: VX038807.D

Acq: 14 Nov 2023 15:35

Tgt Ion:	43	Resp:	85831
Ion	Ratio	Lower	Upper
43	100		
61	21.6	15.2	22.8
87	14.0	9.8	14.6

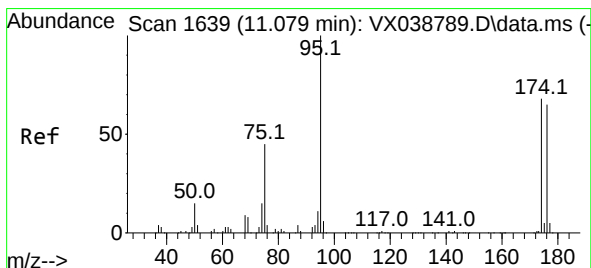
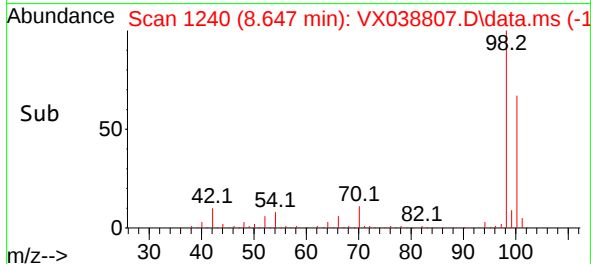
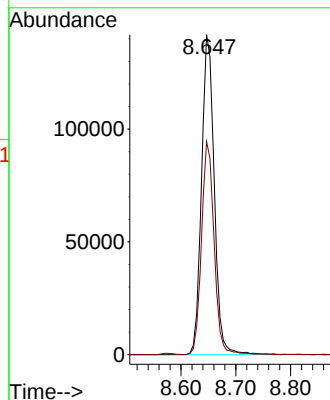
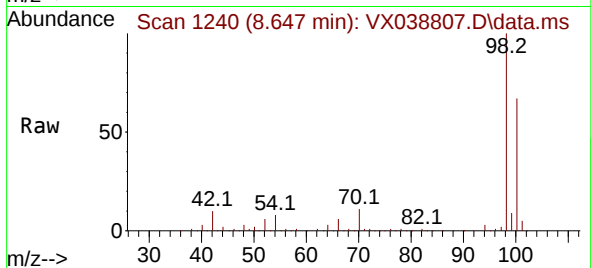




#50
Toluene-d8
Concen: 47.757 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038807.D
Acq: 14 Nov 2023 15:35

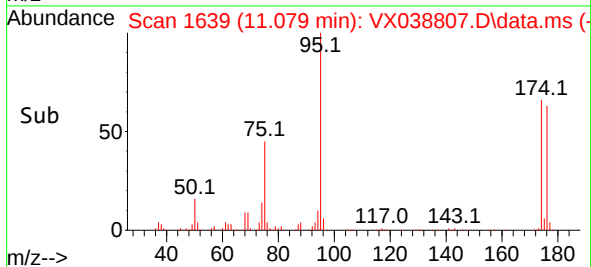
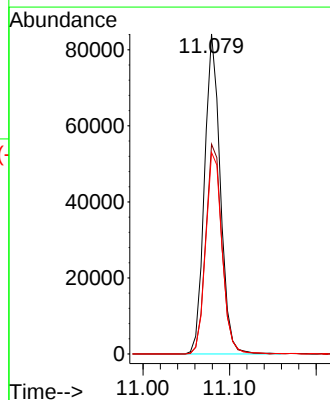
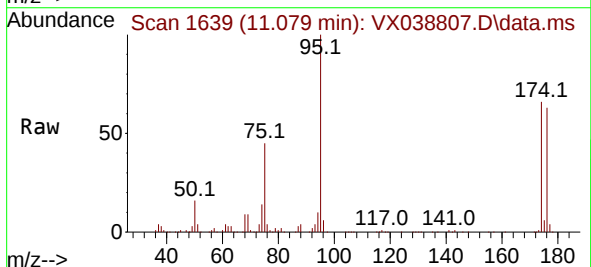
Instrument :
MSVOA_X
ClientSampleId :
TP-1

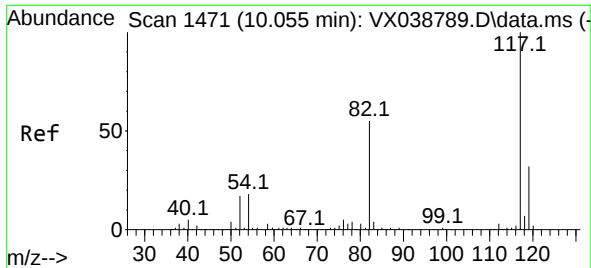
Tgt Ion: 98 Resp: 228777
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038807.D
Acq: 14 Nov 2023 15:35

Tgt Ion: 95 Resp: 106349
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.5 0.0 131.0

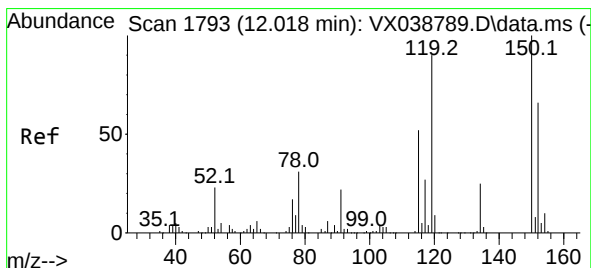
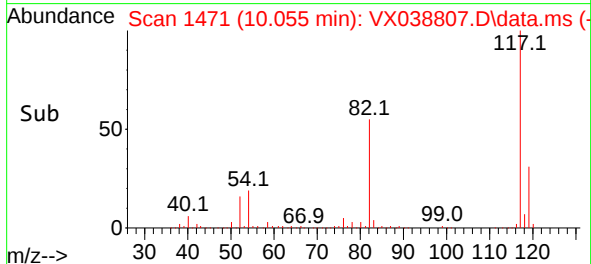
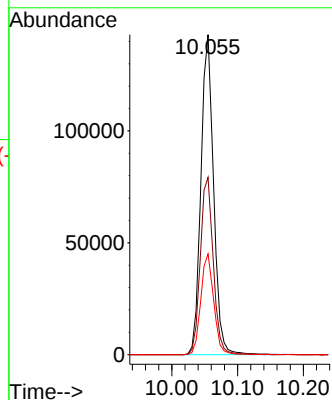
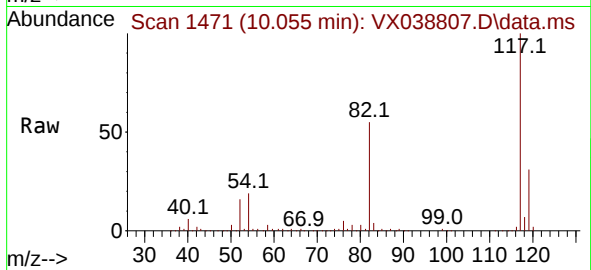




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038807.D
Acq: 14 Nov 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 192162
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.5 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: VX038807.D
Acq: 14 Nov 2023 15:35

Tgt Ion:152 Resp: 104942
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.7 0.0 345.0

