

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033248.D
 Acq On : 05 Dec 2022 23:54
 Operator : JC/MD
 Sample : PB149407ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407ZHE#06

Quant Time: Dec 06 06:03:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

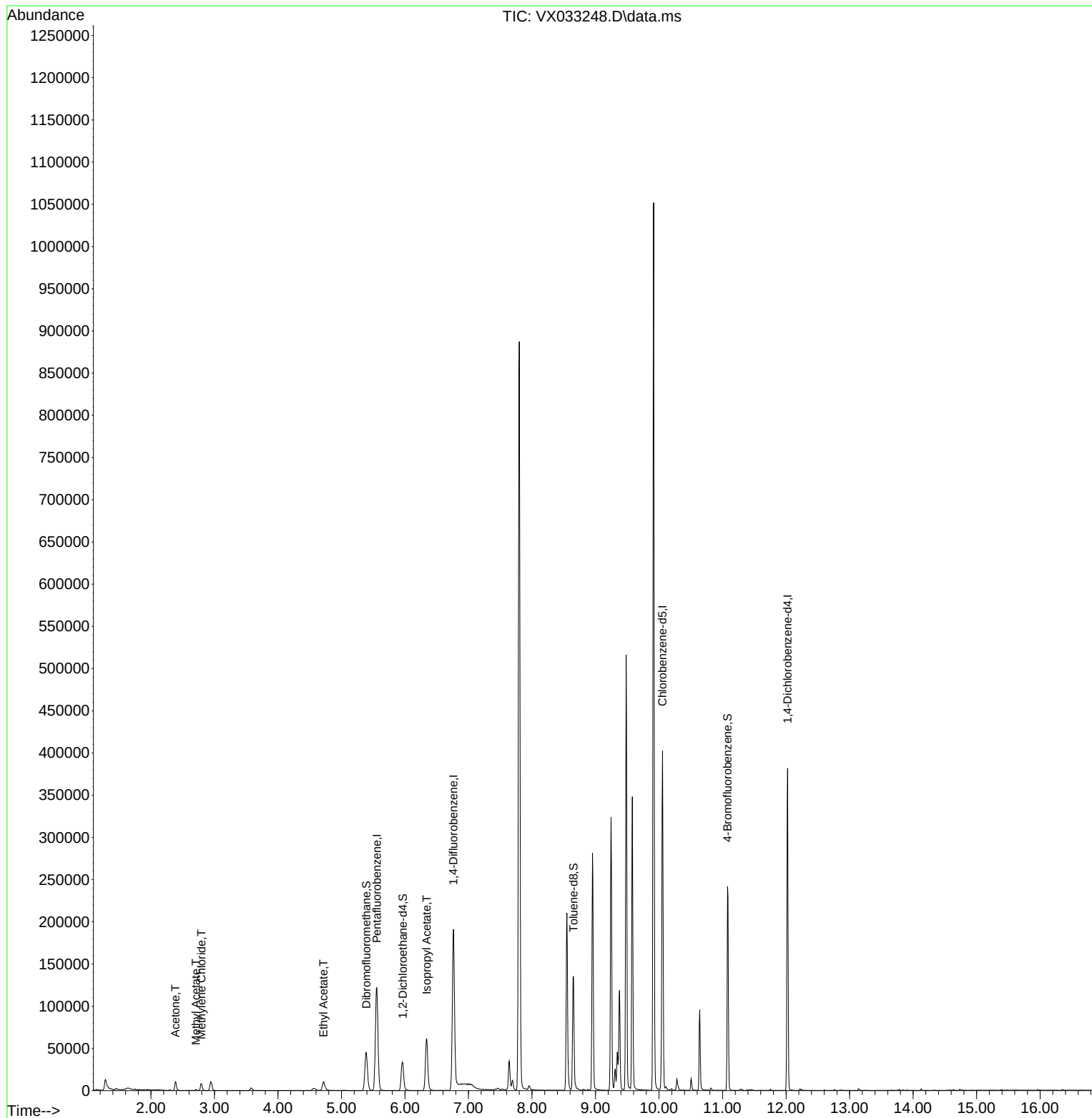
Internal Standards						
1) Pentafluorobenzene	5.556	168	117647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	36052	30.115	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	60.220%#
35) Dibromofluoromethane	5.391	113	39599	36.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.500%#
50) Toluene-d8	8.653	98	82549	24.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	48.700%#
62) 4-Bromofluorobenzene	11.079	95	63534	44.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12504	23.369	ug/l	100
18) Methyl Acetate	2.709	43	1511	1.020	ug/l #	87
20) Methylene Chloride	2.794	84	3994	2.351	ug/l	93
37) Ethyl Acetate	4.714	43	18998	12.638	ug/l	100
43) Isopropyl Acetate	6.342	43	85774	34.500	ug/l	99

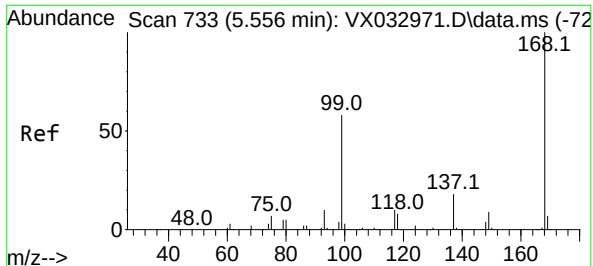
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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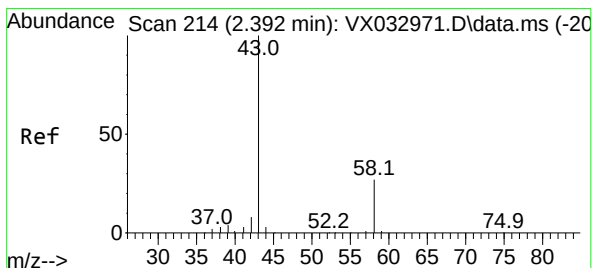
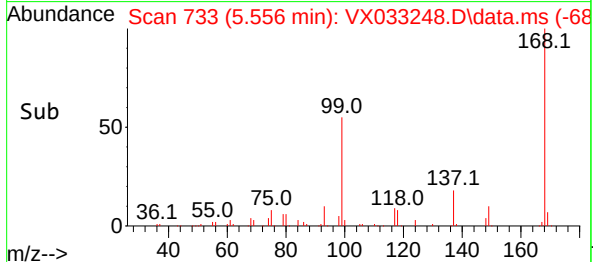
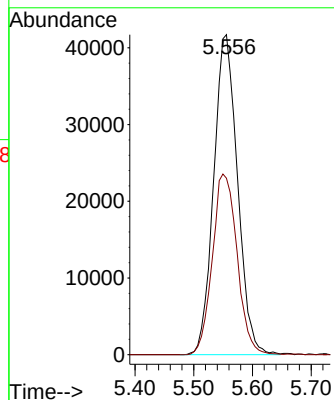
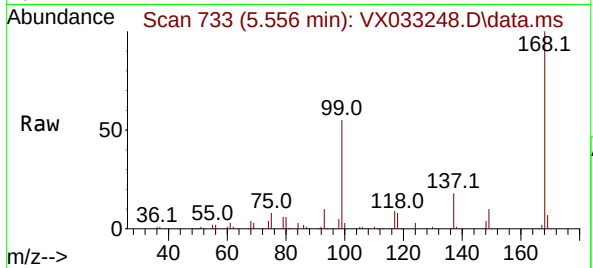




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

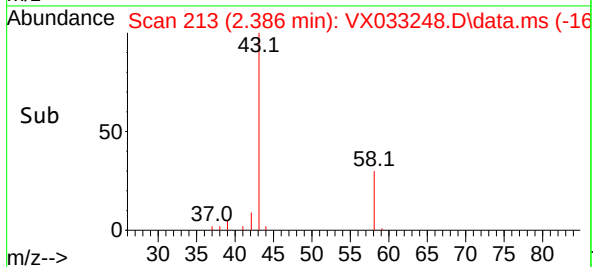
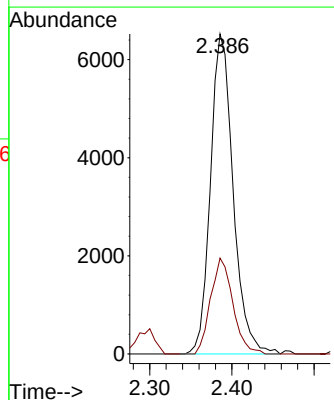
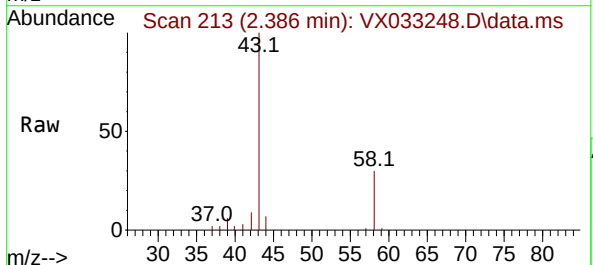
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

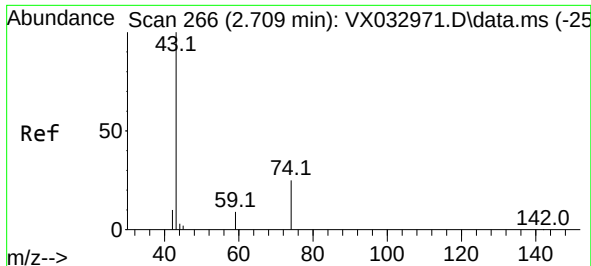
Tgt Ion:168 Resp: 117647
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#16
Acetone
Concen: 23.369 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 43 Resp: 12504
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8

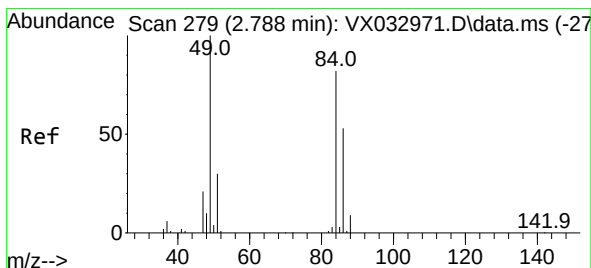
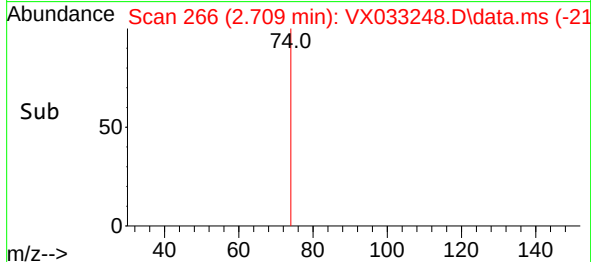
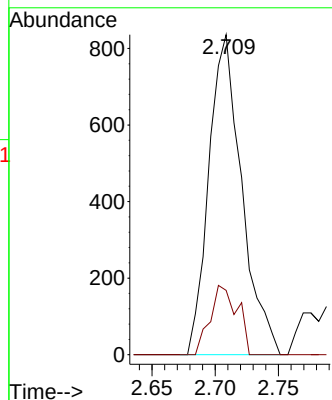
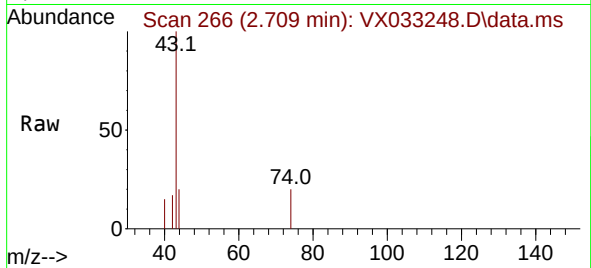




#18
Methyl Acetate
Concen: 1.020 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

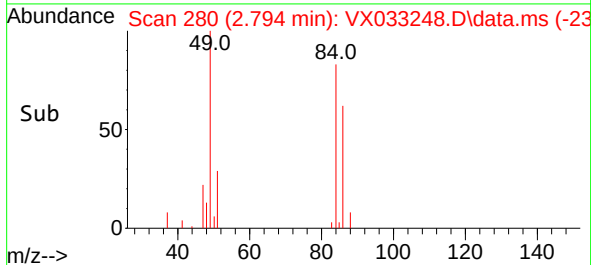
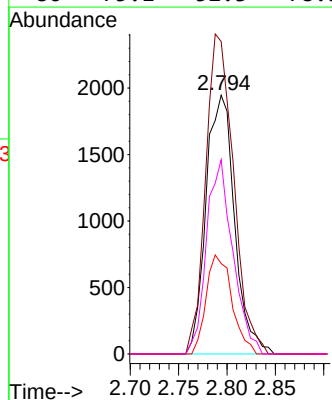
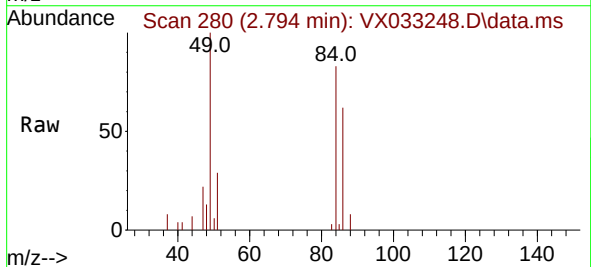
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

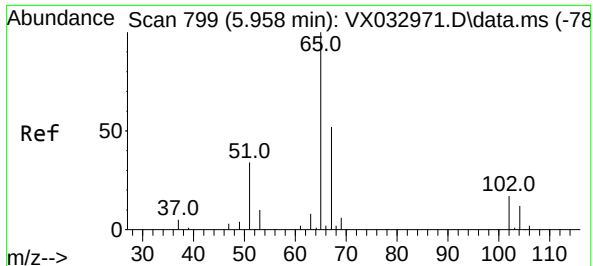
Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.0#



#20
Methylene Chloride
Concen: 2.351 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 84 Resp: 3994
Ion Ratio Lower Upper
84 100
49 120.8 101.0 151.6
51 34.9 31.1 46.7
86 75.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 30.115 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

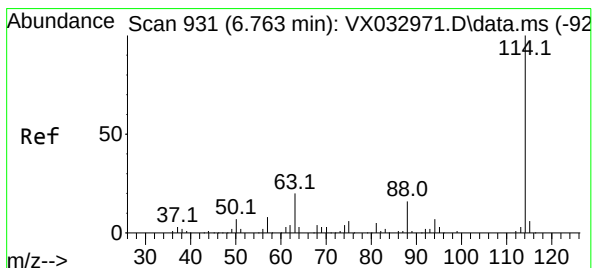
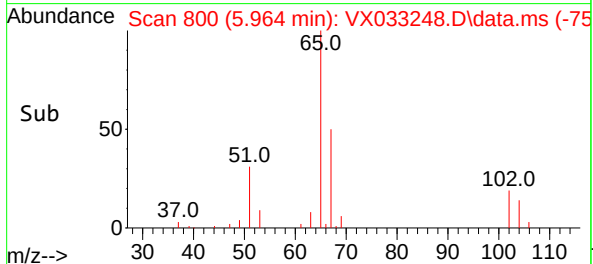
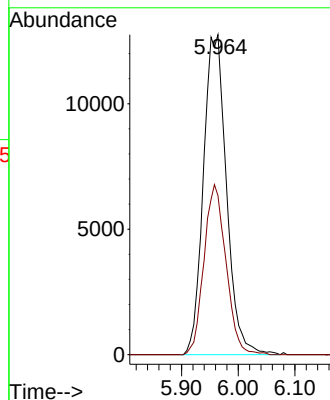
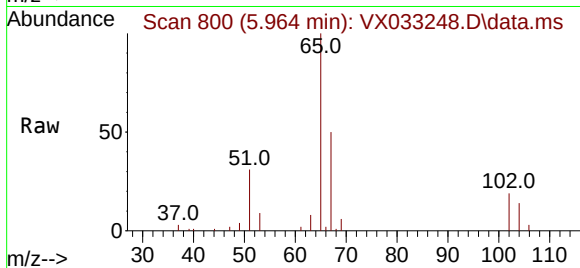
PB149407ZHE#06

Tgt Ion: 65 Resp: 36052

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

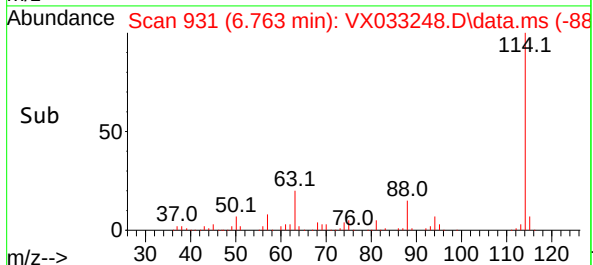
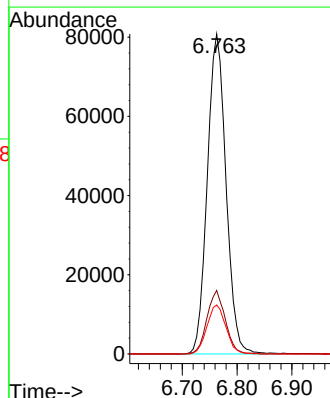
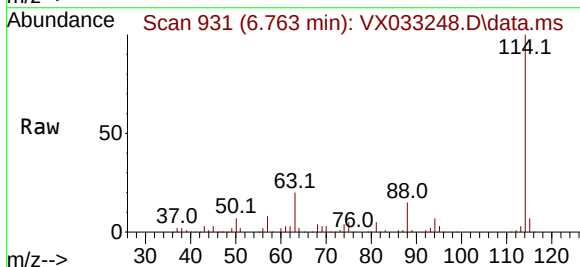
Tgt Ion: 114 Resp: 191151

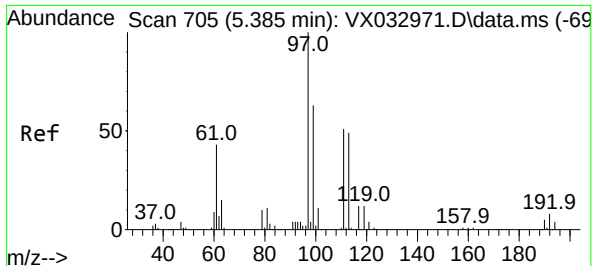
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.3 0.0 33.4

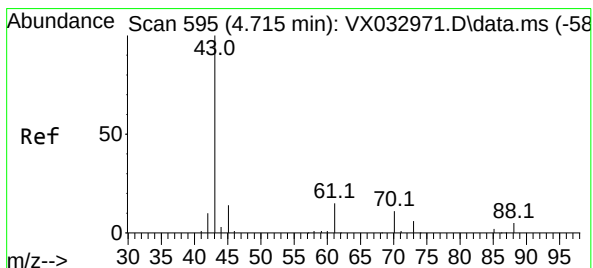
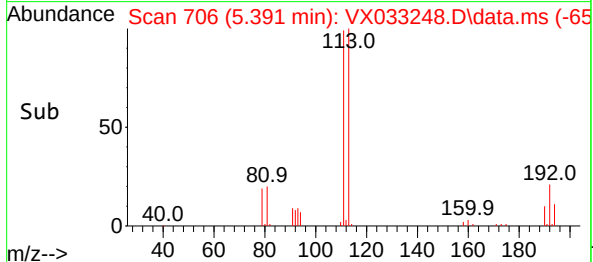
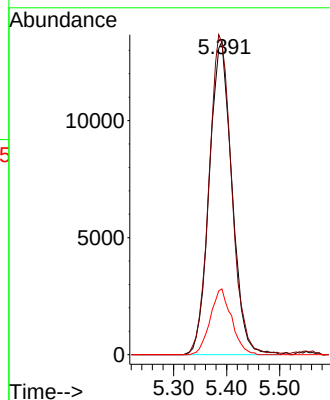
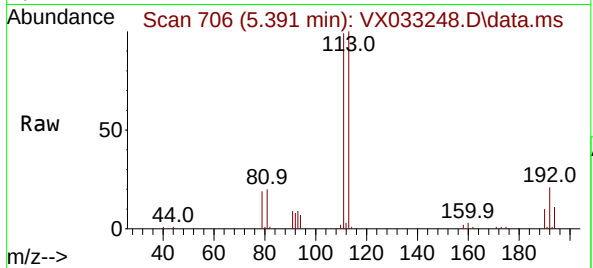




#35
Dibromofluoromethane
Concen: 36.746 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

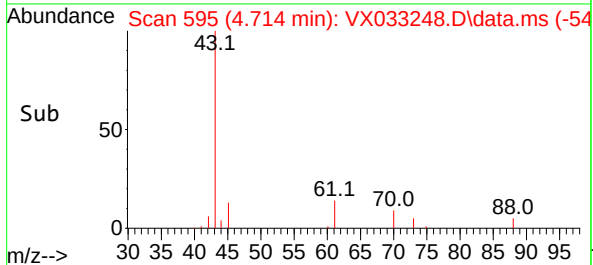
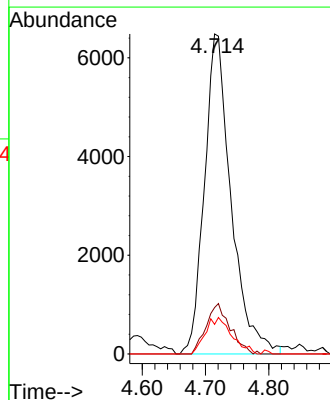
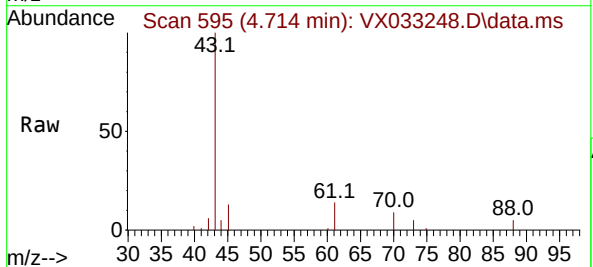
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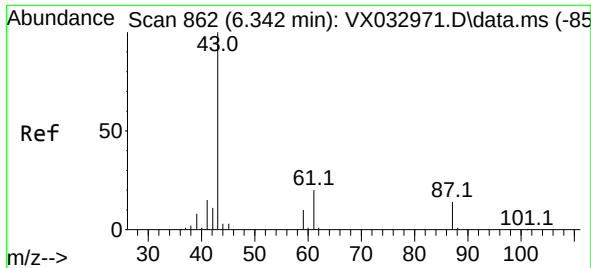
Tgt Ion:113 Resp: 39599
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.8 15.4 23.2



#37
Ethyl Acetate
Concen: 12.638 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 43 Resp: 18998
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 11.2 9.1 13.7

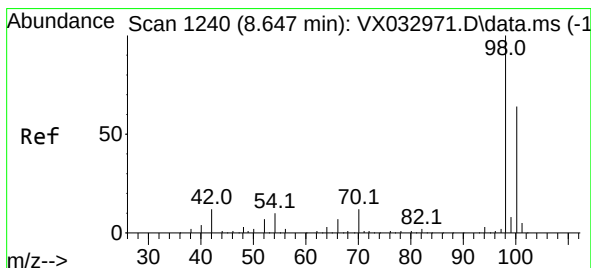
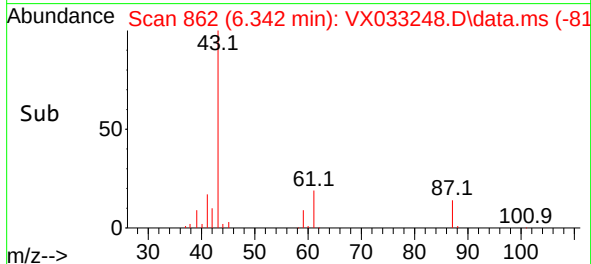
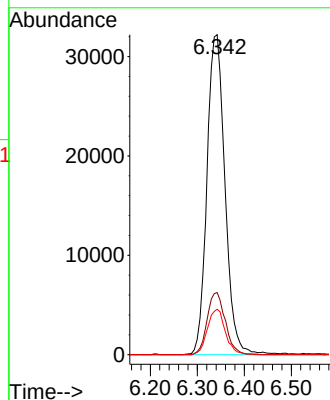
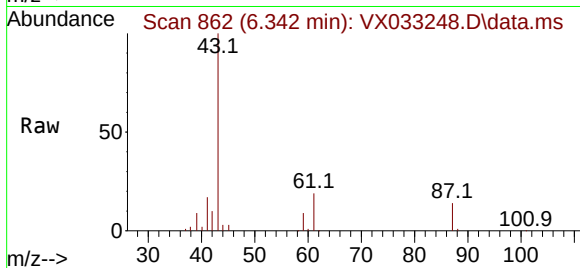




#43
Isopropyl Acetate
Concen: 34.500 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

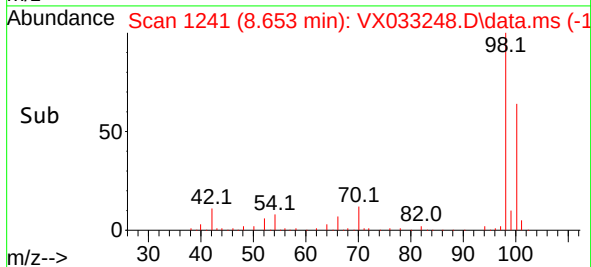
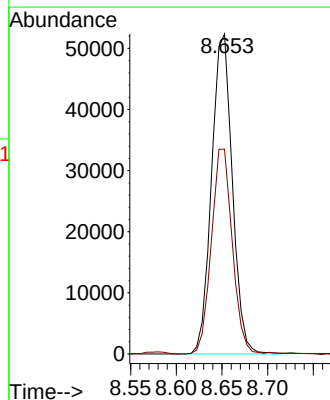
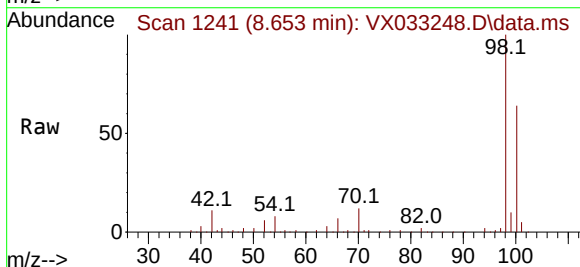
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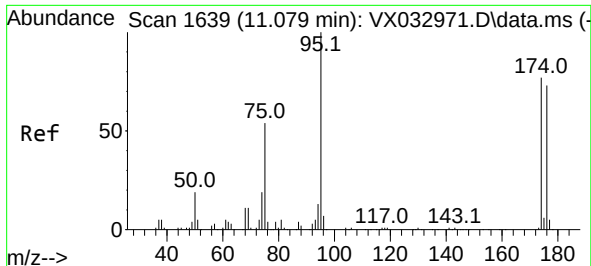
Tgt Ion: 43 Resp: 85774
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 14.1 10.8 16.2



#50
Toluene-d8
Concen: 24.352 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 98 Resp: 82549
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

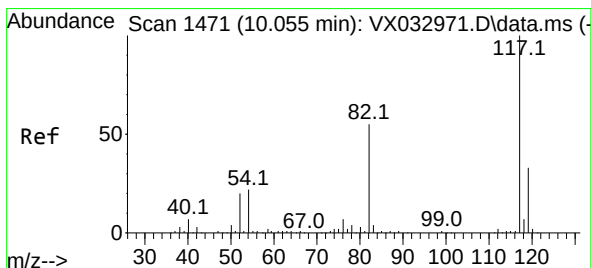
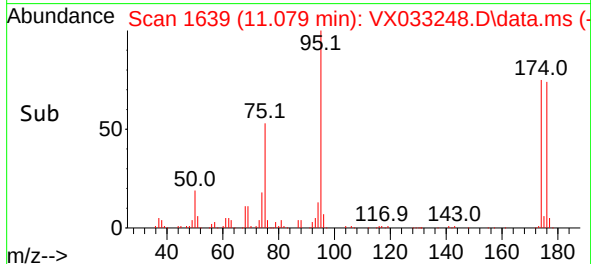
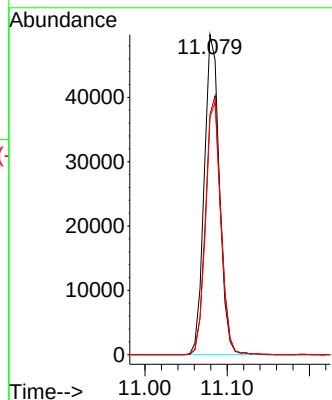
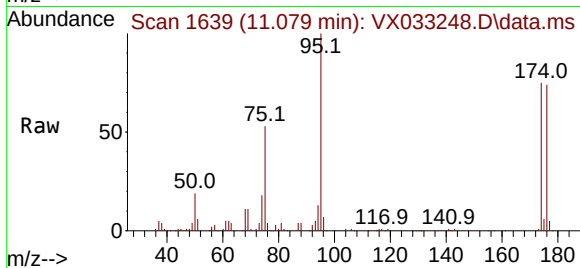




#62
4-Bromofluorobenzene
Concen: 44.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

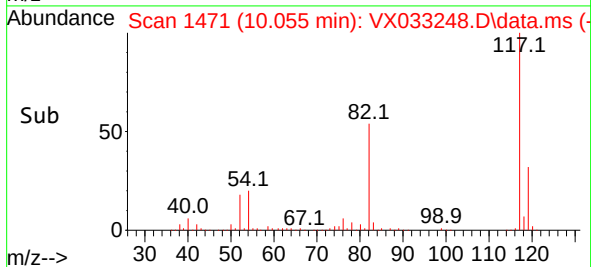
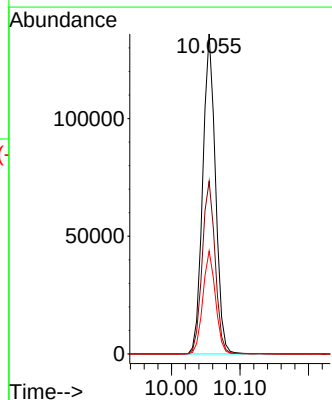
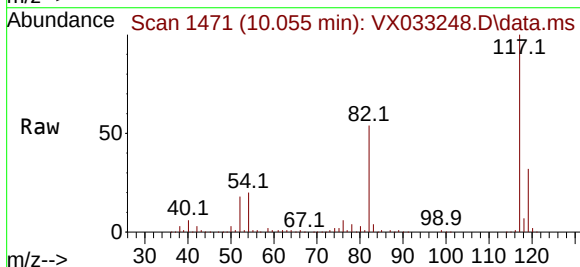
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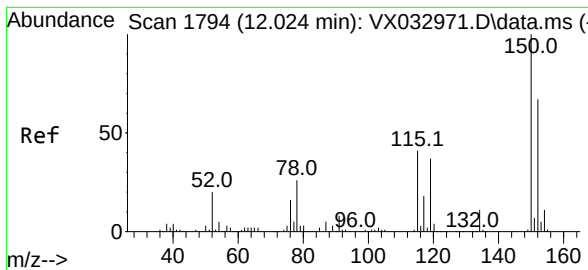
Tgt Ion: 95 Resp: 63534
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

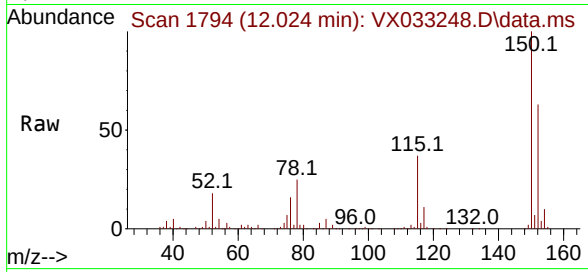
Tgt Ion: 117 Resp: 176321
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033248.D
 Acq: 05 Dec 2022 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407ZHE#06



Tgt Ion:152 Resp: 78527
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 159.4 0.0 351.8

