

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033483.D
 Acq On : 19 Dec 2022 14:45
 Operator : JC/MD
 Sample : PB149722ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149722ZHE#12

Quant Time: Dec 20 05:01:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

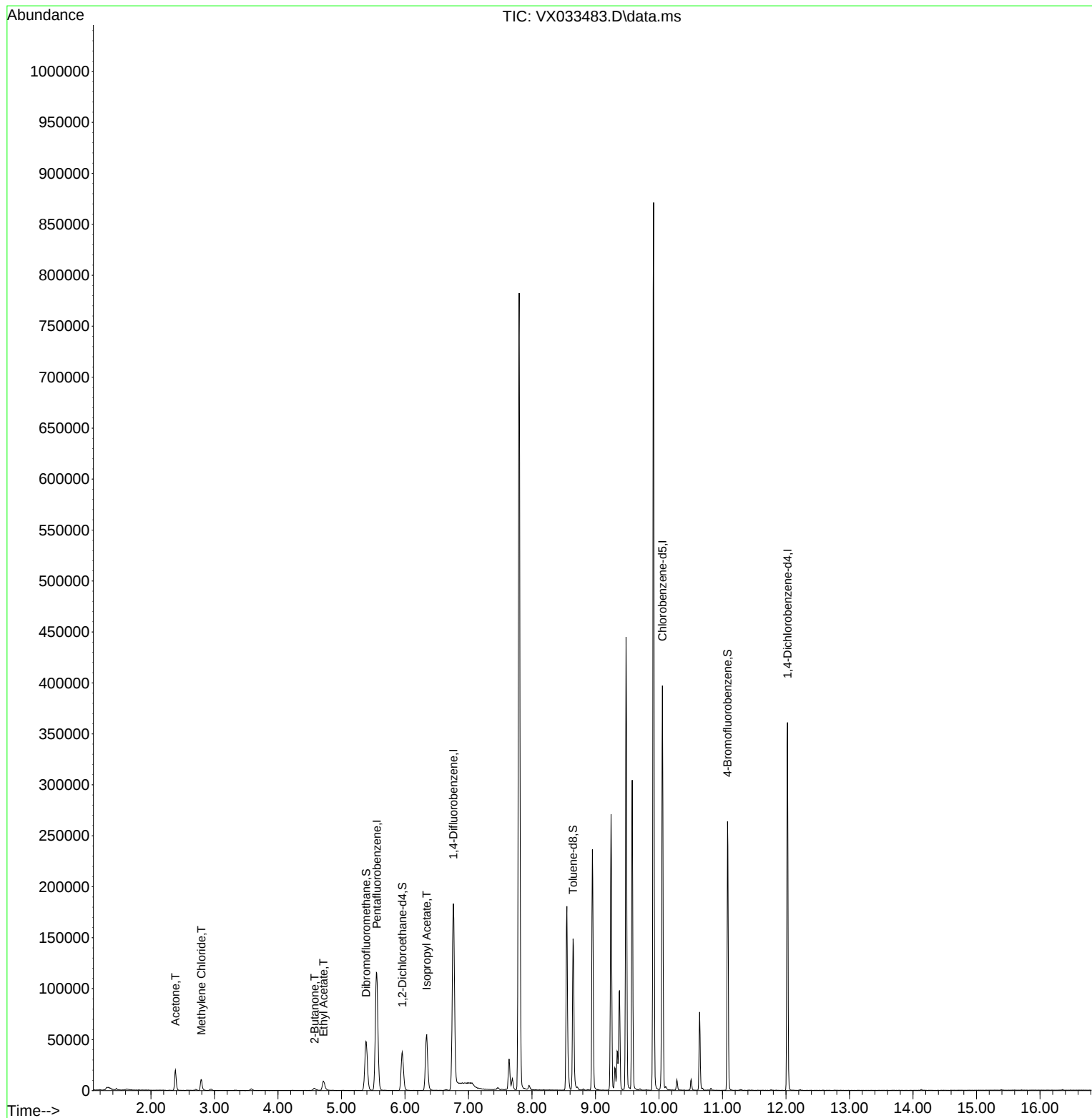
Internal Standards						
1) Pentafluorobenzene	5.556	168	114403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37956	51.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.440%
35) Dibromofluoromethane	5.385	113	42811	50.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	8.647	98	90009	51.037	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.080%
62) 4-Bromofluorobenzene	11.079	95	69628	51.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23259	42.827	ug/l	95
20) Methylene Chloride	2.794	84	5487	4.530	ug/l	91
25) 2-Butanone	4.574	43	4007	5.140	ug/l	93
37) Ethyl Acetate	4.714	43	16754	10.783	ug/l	98
43) Isopropyl Acetate	6.342	43	73760	29.505	ug/l	99

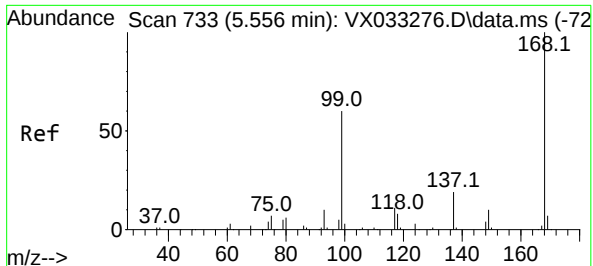
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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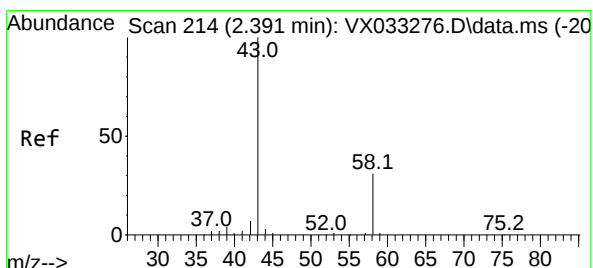
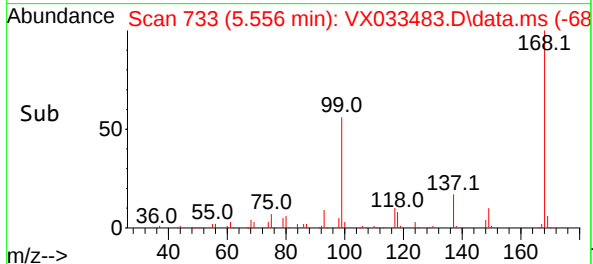
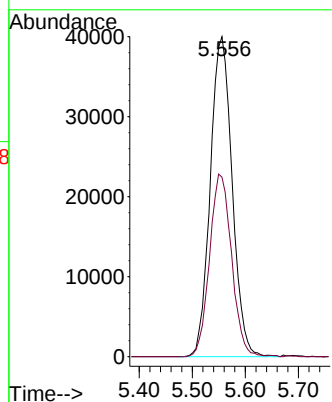
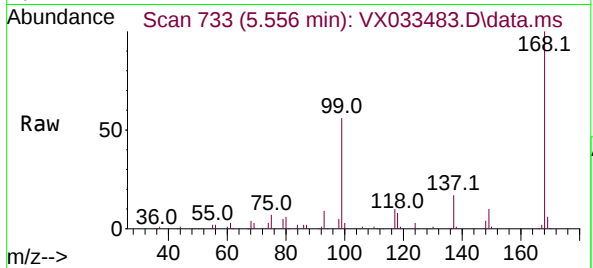




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

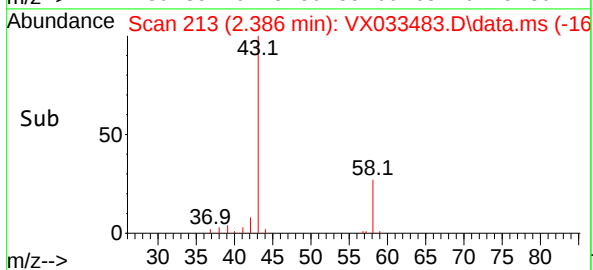
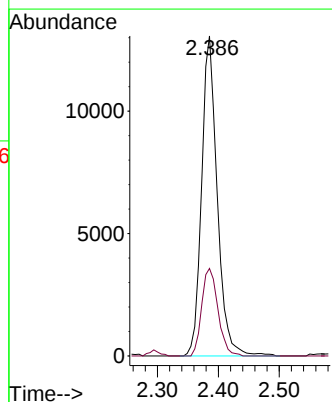
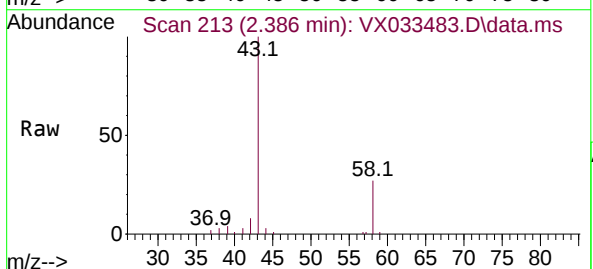
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#12

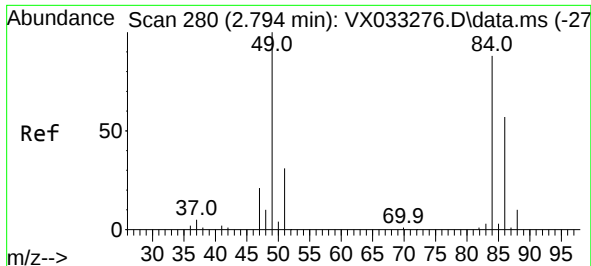
Tgt Ion:168 Resp: 114403
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#16
Acetone
Concen: 42.827 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 43 Resp: 23259
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.8





#20

Methylene Chloride

Concen: 4.530 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#12

Tgt Ion: 84 Resp: 5487

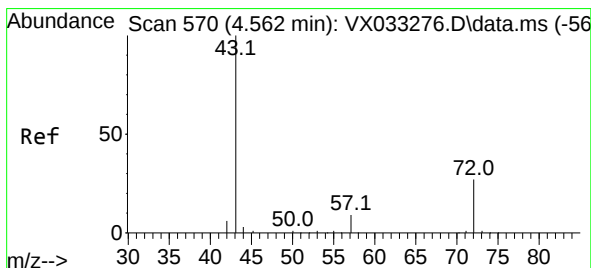
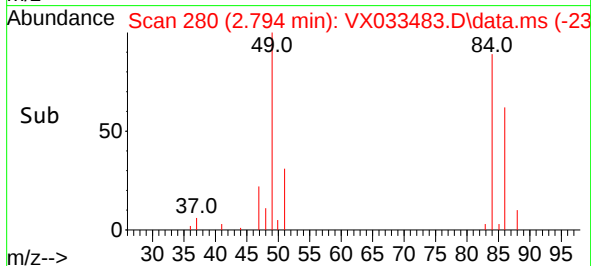
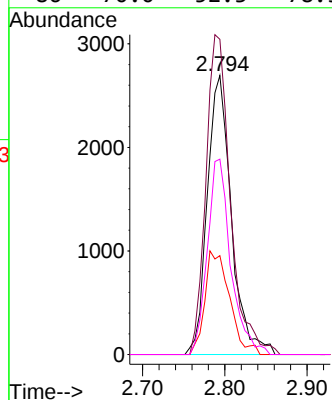
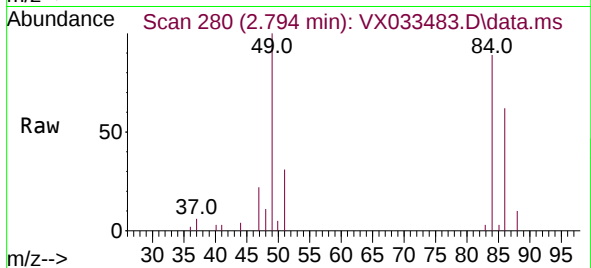
Ion Ratio Lower Upper

84 100

49 112.9 101.0 151.6

51 35.4 31.1 46.7

86 70.0 52.3 78.5



#25

2-Butanone

Concen: 5.140 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX033483.D

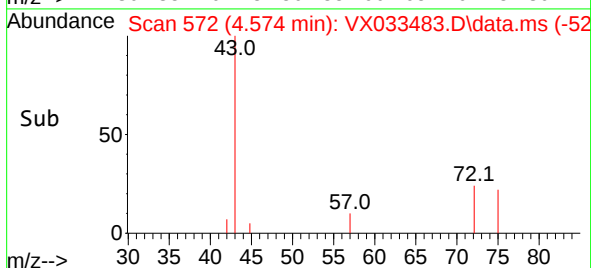
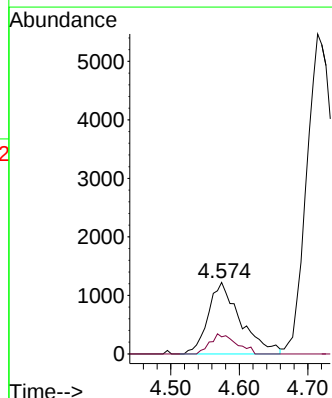
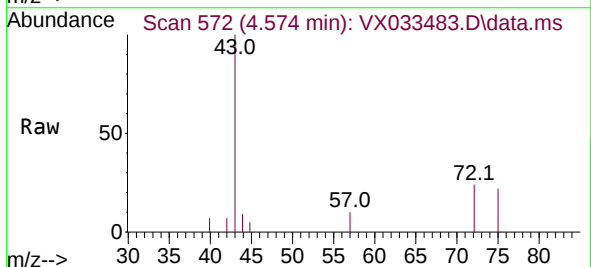
Acq: 19 Dec 2022 14:45

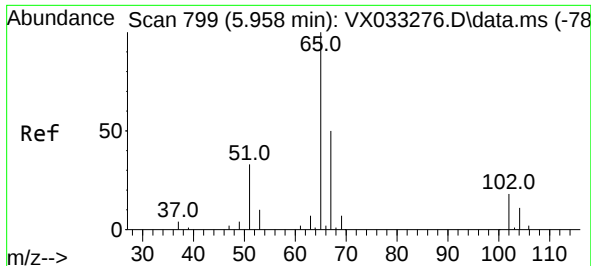
Tgt Ion: 43 Resp: 4007

Ion Ratio Lower Upper

43 100

72 23.9 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

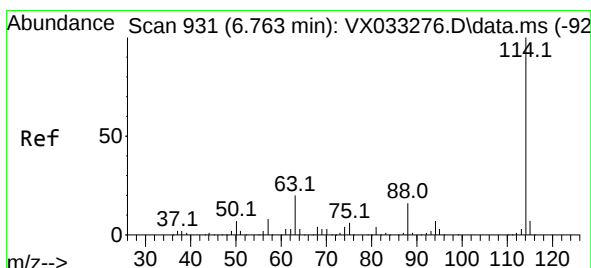
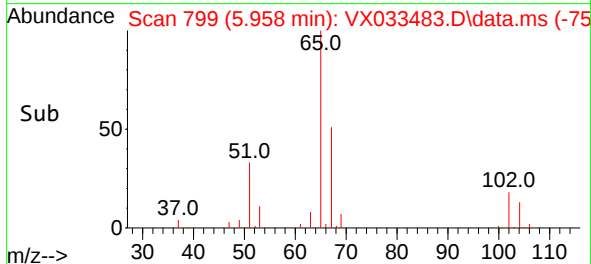
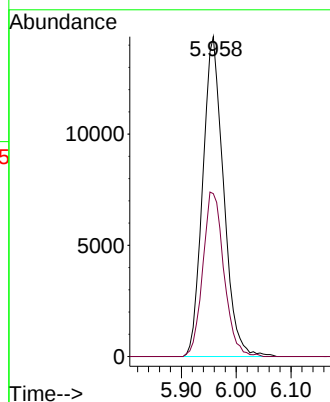
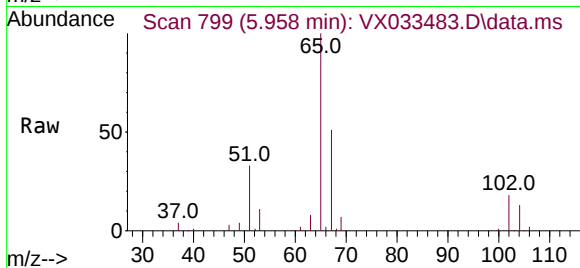
PB149722ZHE#12

Tgt Ion: 65 Resp: 37956

Ion Ratio Lower Upper

65 100

67 52.2 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: VX033483.D

Acq: 19 Dec 2022 14:45

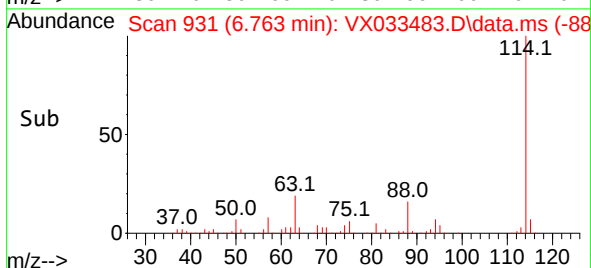
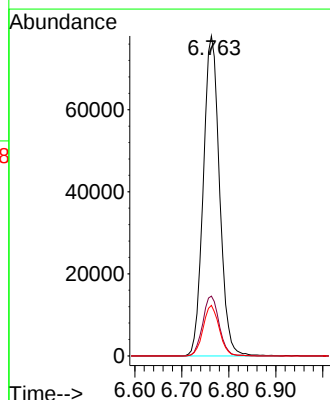
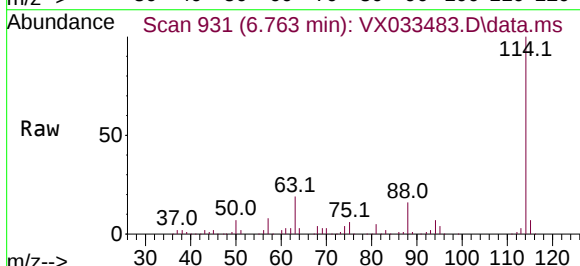
Tgt Ion: 114 Resp: 187435

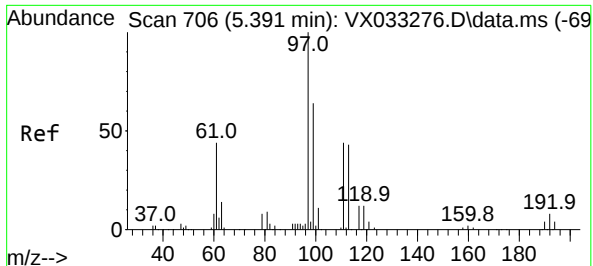
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.781 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033483.D

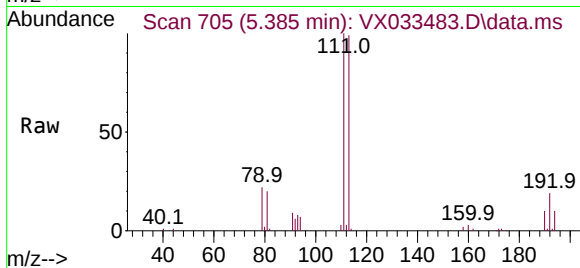
Acq: 19 Dec 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#12



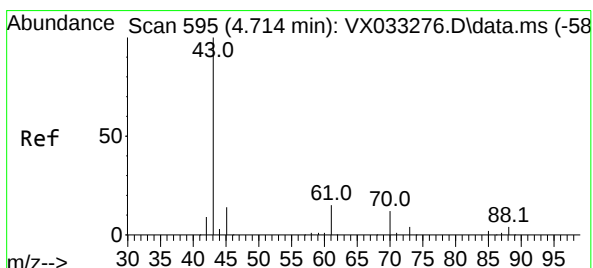
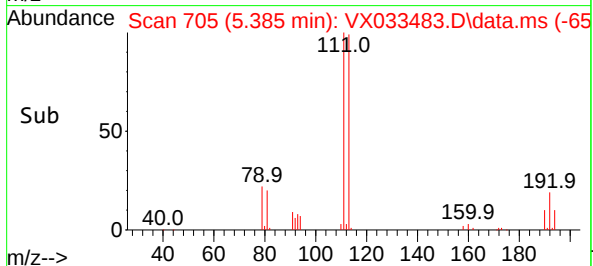
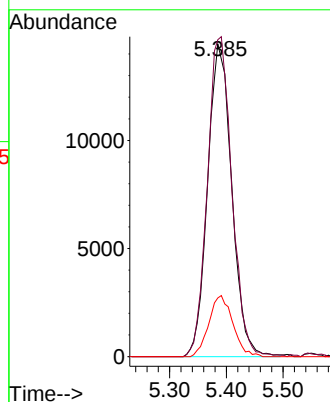
Tgt Ion:113 Resp: 42811

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 19.4 15.4 23.2



#37

Ethyl Acetate

Concen: 10.783 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

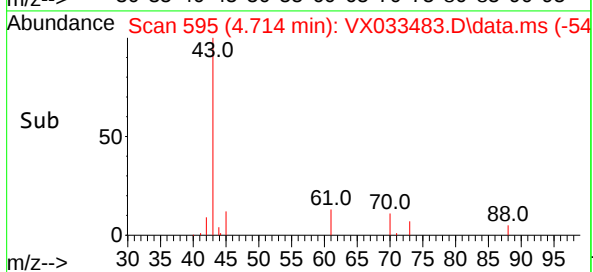
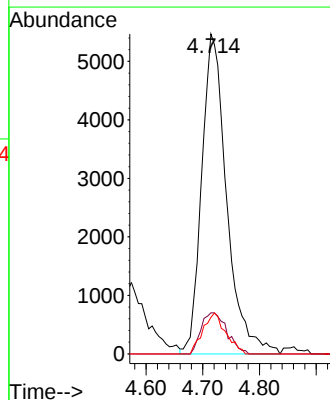
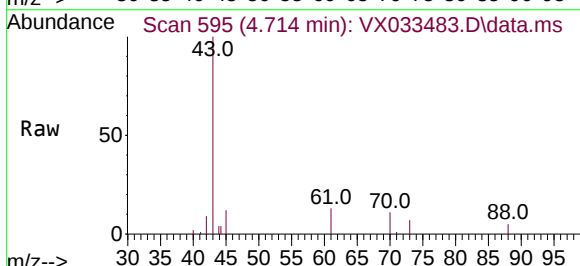
Tgt Ion: 43 Resp: 16754

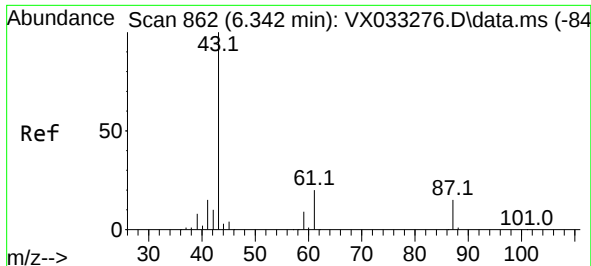
Ion Ratio Lower Upper

43 100

61 13.2 11.5 17.3

70 11.6 9.1 13.7

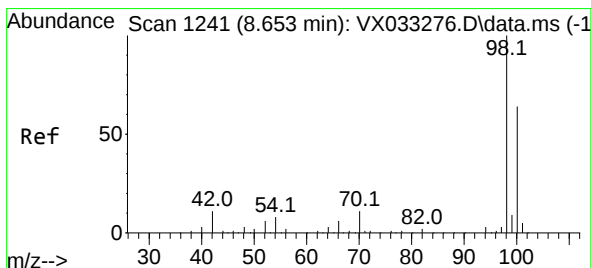
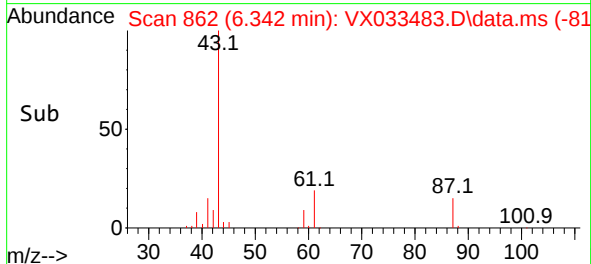
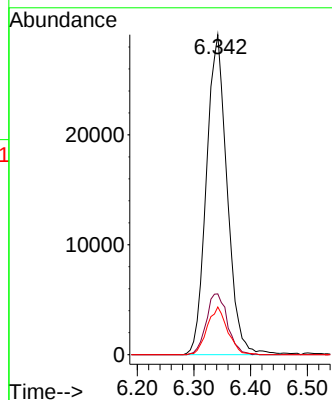
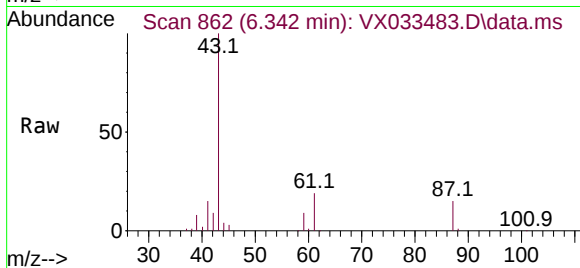




#43
Isopropyl Acetate
Concen: 29.505 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

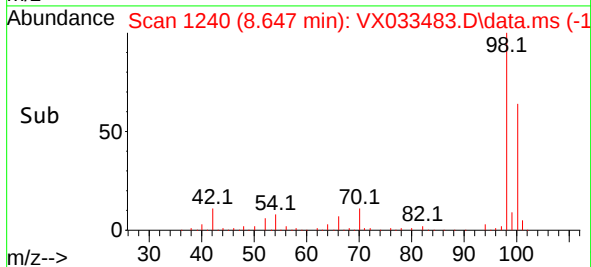
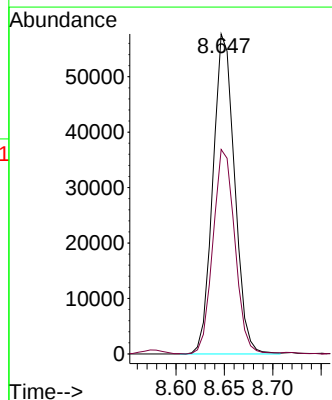
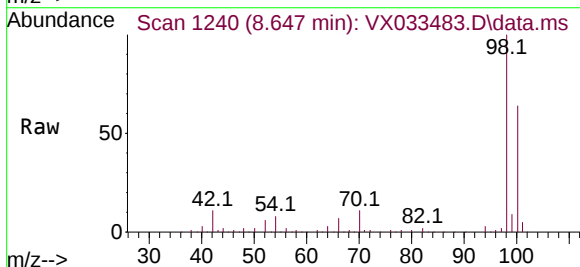
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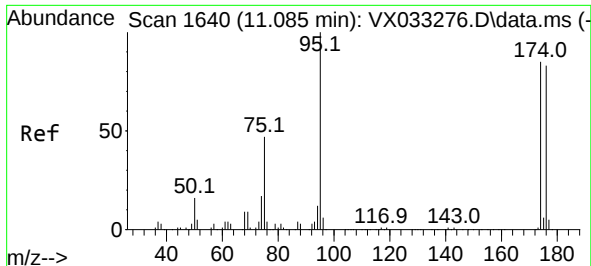
Tgt Ion: 43 Resp: 73760
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 14.5 10.8 16.2



#50
Toluene-d8
Concen: 51.037 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 98 Resp: 90009
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

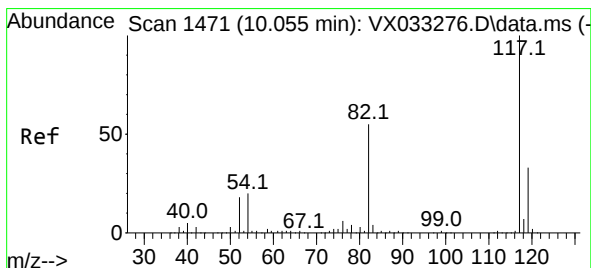
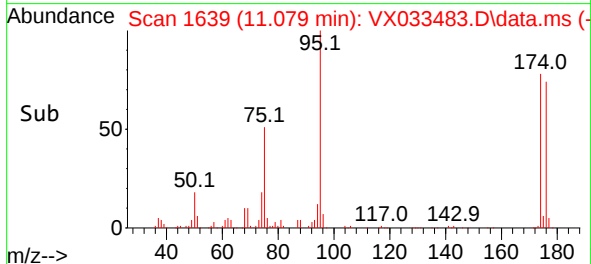
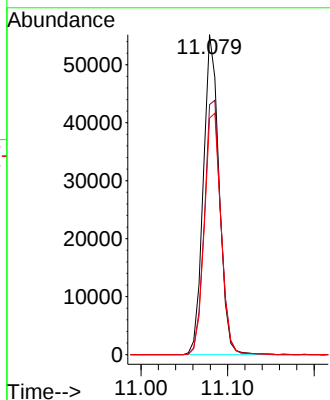
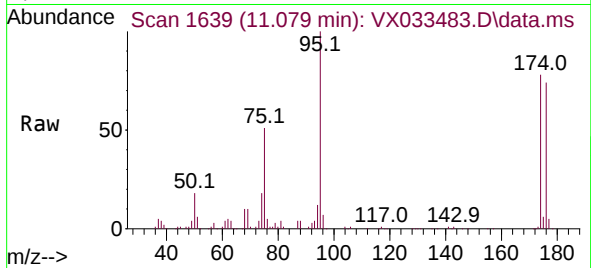




#62
4-Bromofluorobenzene
Concen: 51.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

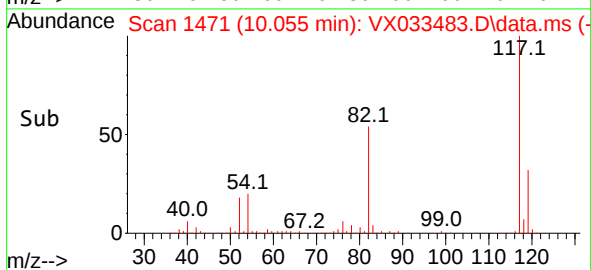
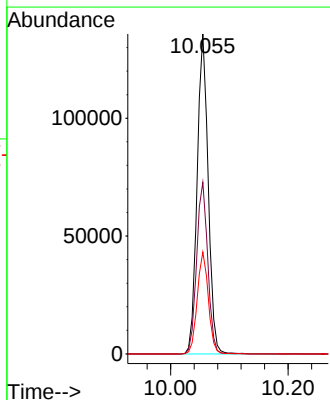
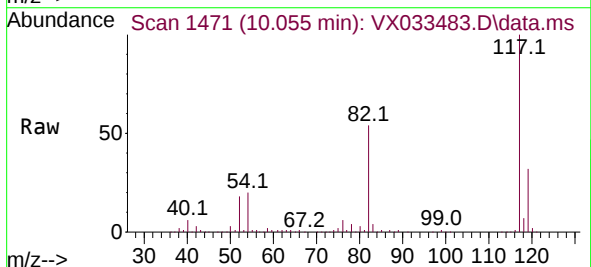
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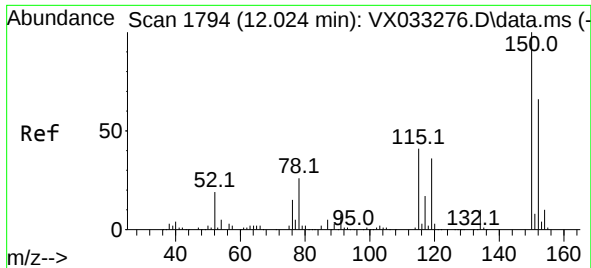
Tgt Ion: 95 Resp: 69628
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

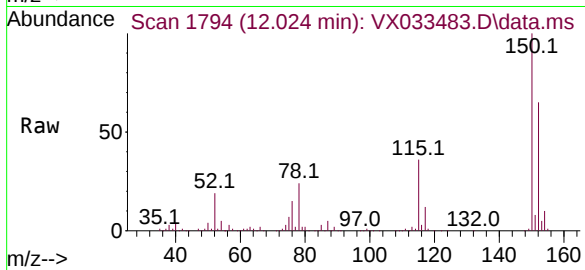
Tgt Ion: 117 Resp: 177072
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033483.D
 Acq: 19 Dec 2022 14:45

Instrument :
 MSVOA_X
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 PB149722ZHE#12



Tgt Ion:152 Resp: 78844
 Ion Ratio Lower Upper
 152 100
 115 58.4 44.0 132.0
 150 154.6 0.0 351.8

