

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033486.D
 Acq On : 19 Dec 2022 15:54
 Operator : JC/MD
 Sample : PB149722ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149722ZHE#15

Quant Time: Dec 20 05:01:31 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)

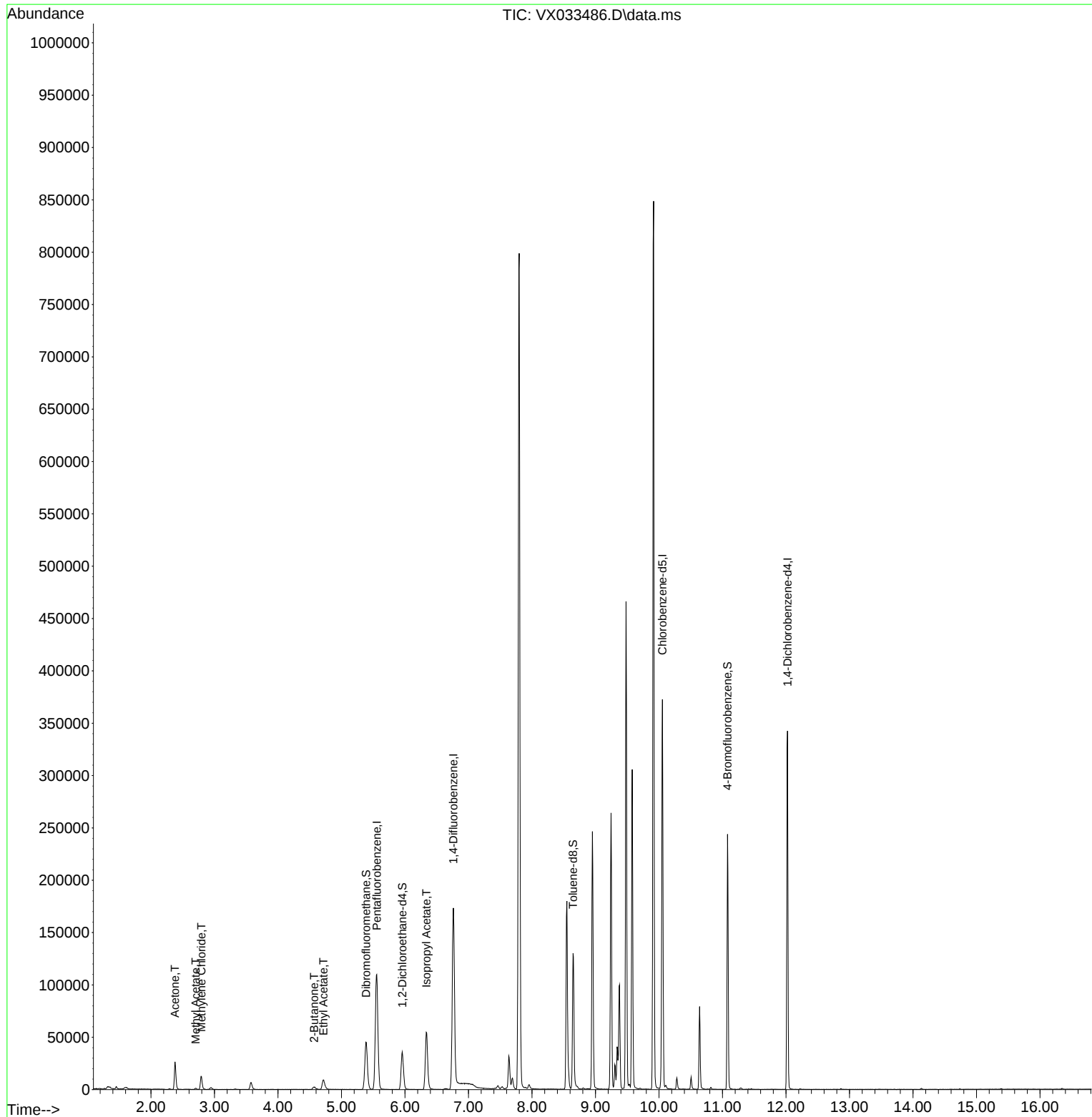
Internal Standards						
1) Pentafluorobenzene	5.556	168	107323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36385	52.846	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.700%
35) Dibromofluoromethane	5.385	113	39889	49.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.647	98	81610	48.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	63044	49.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	28715	56.361	ug/l	100
18) Methyl Acetate	2.703	43	1484	1.006	ug/l #	87
20) Methylene Chloride	2.794	84	6490	5.712	ug/l	91
25) 2-Butanone	4.568	43	4516	6.175	ug/l	98
37) Ethyl Acetate	4.714	43	17230	11.704	ug/l	98
43) Isopropyl Acetate	6.336	43	73591	31.067	ug/l	98

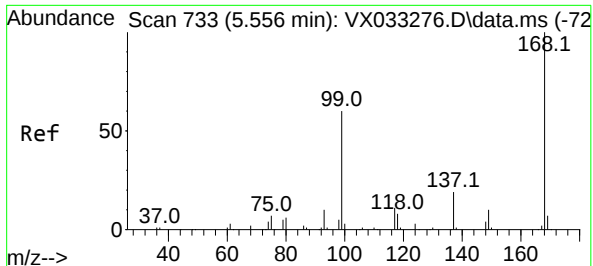
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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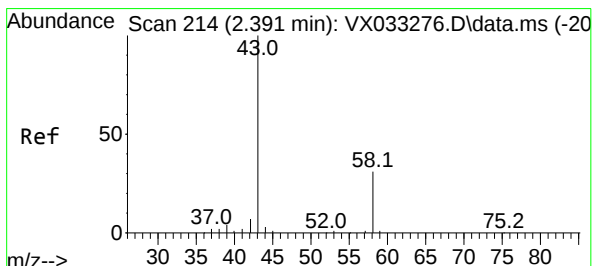
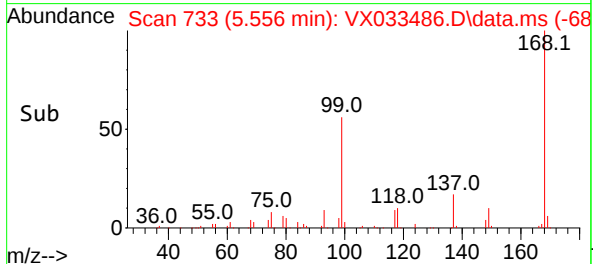
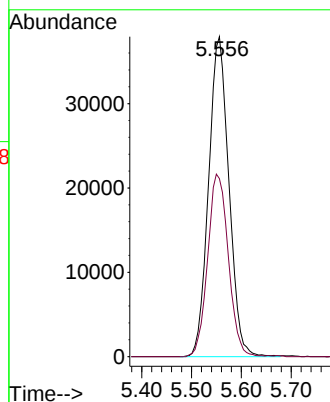
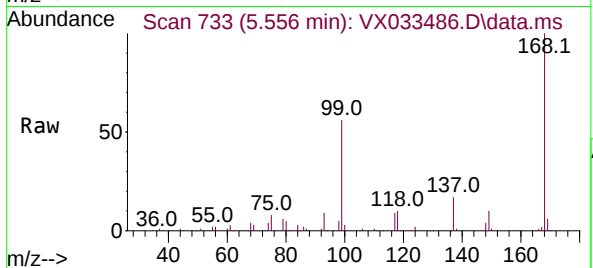




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

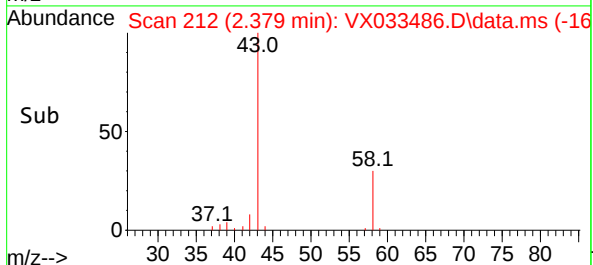
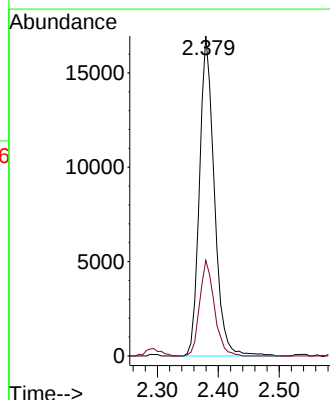
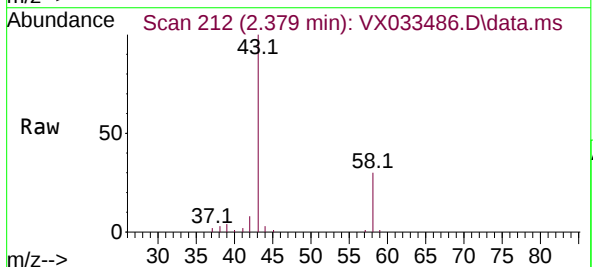
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#15

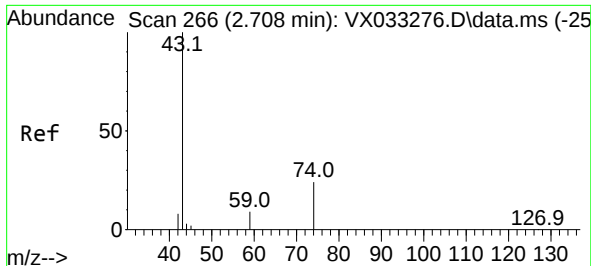
Tgt Ion:168 Resp: 107323
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#16
Acetone
Concen: 56.361 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 43 Resp: 28715
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8





#18

Methyl Acetate

Concen: 1.006 ug/l

RT: 2.703 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

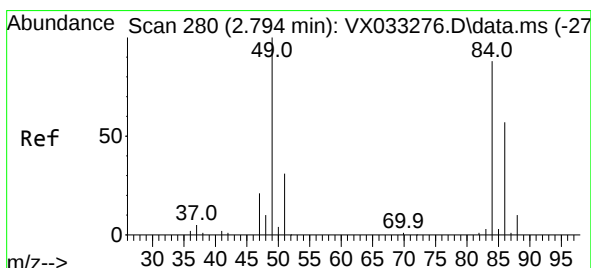
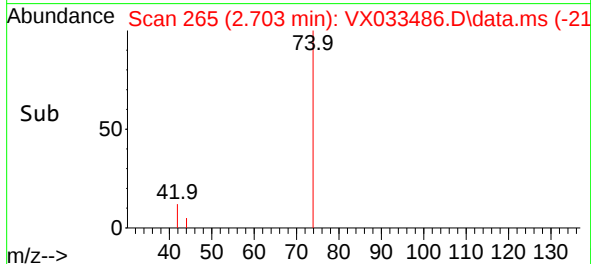
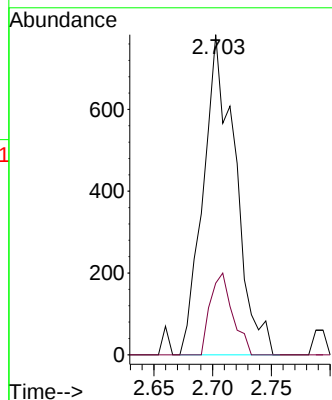
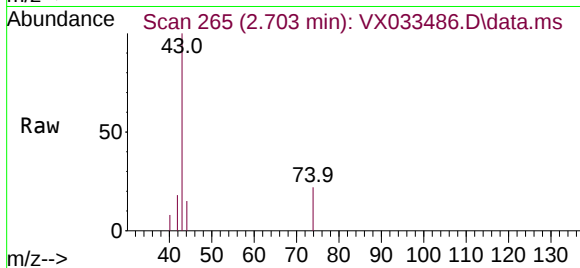
PB149722ZHE#15

Tgt Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

74 17.8 19.4 29.0#



#20

Methylene Chloride

Concen: 5.712 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Tgt Ion: 84 Resp: 6490

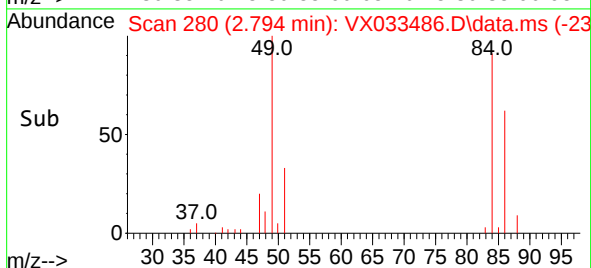
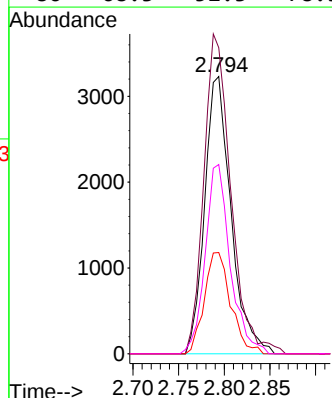
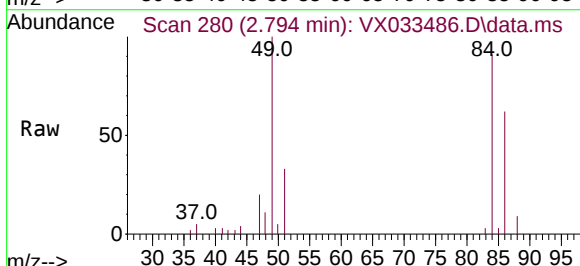
Ion Ratio Lower Upper

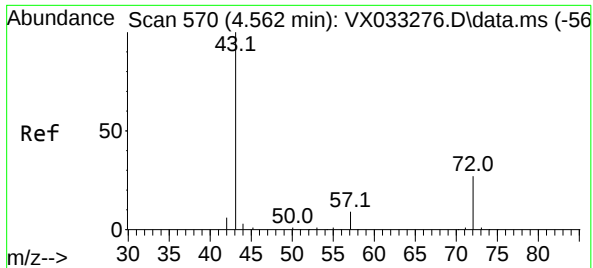
84 100

49 110.3 101.0 151.6

51 36.5 31.1 46.7

86 68.3 52.3 78.5





#25

2-Butanone

Concen: 6.175 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

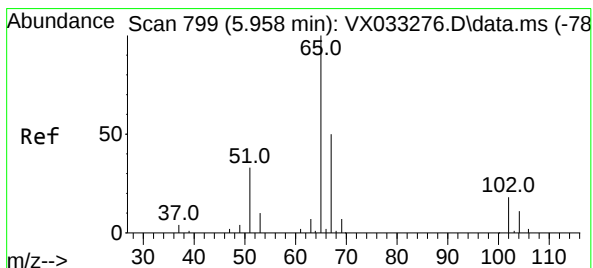
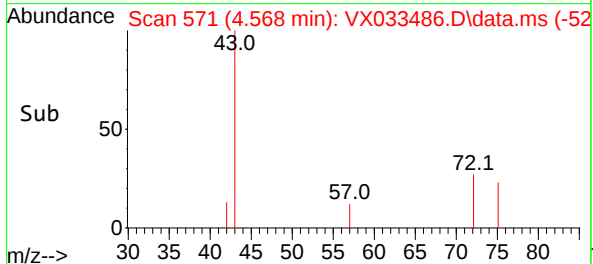
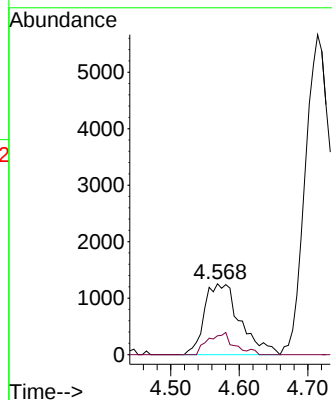
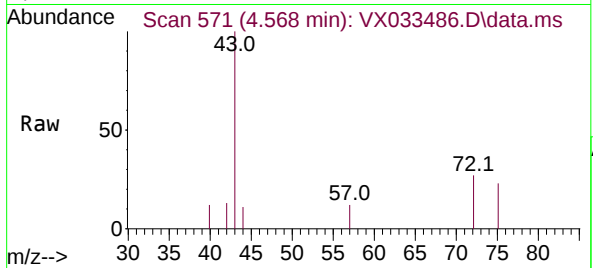
PB149722ZHE#15

Tgt Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 52.846 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033486.D

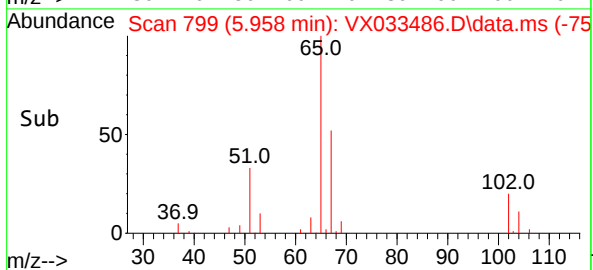
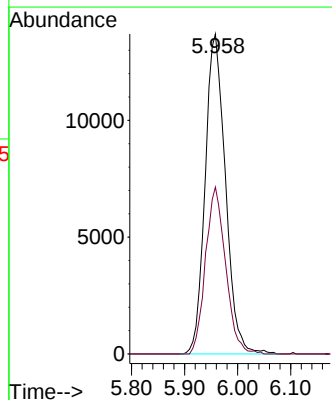
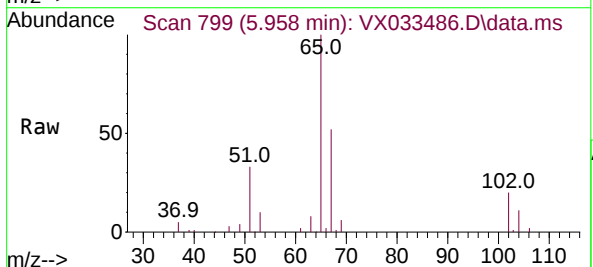
Acq: 19 Dec 2022 15:54

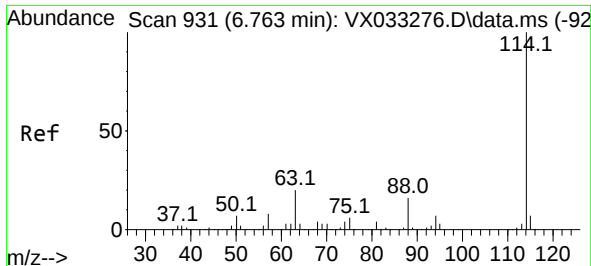
Tgt Ion: 65 Resp: 36385

Ion Ratio Lower Upper

65 100

67 51.5 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: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#15

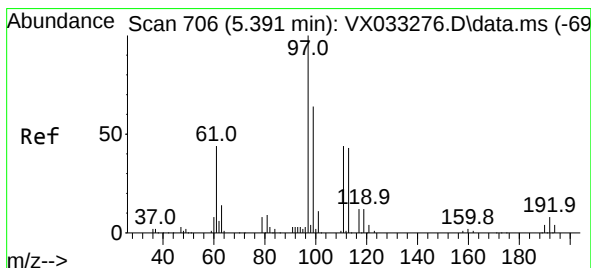
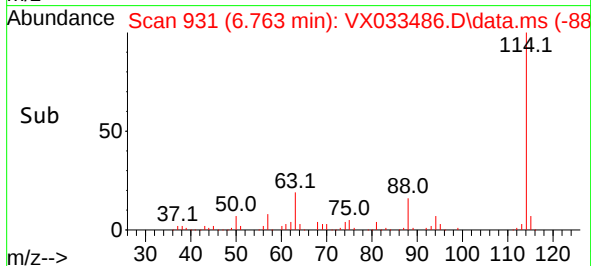
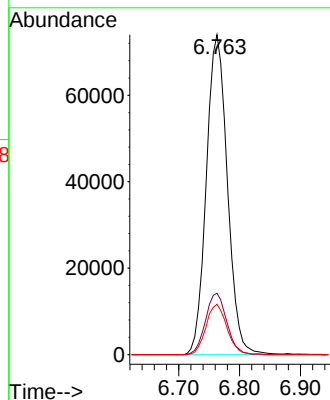
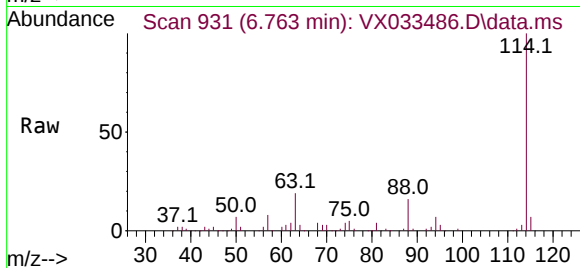
Tgt Ion:114 Resp: 177600

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.936 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

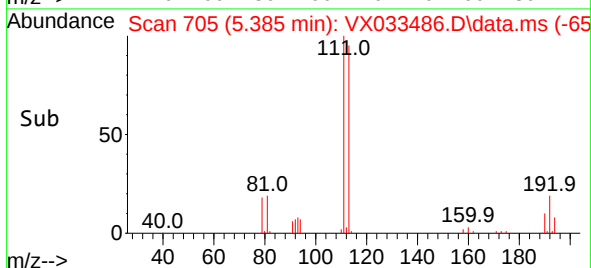
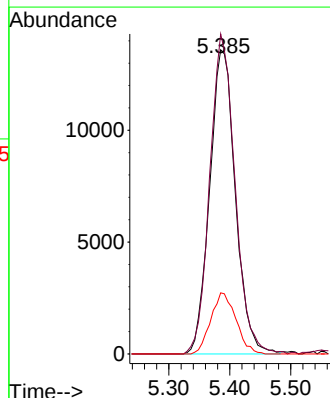
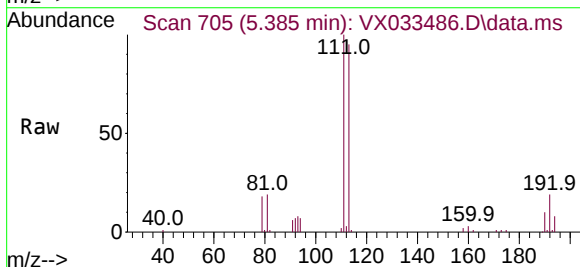
Tgt Ion:113 Resp: 39889

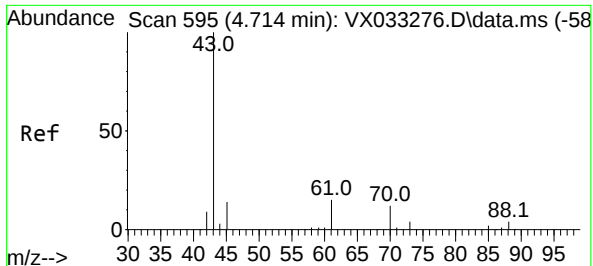
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.6 15.4 23.2





#37

Ethyl Acetate

Concen: 11.704 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

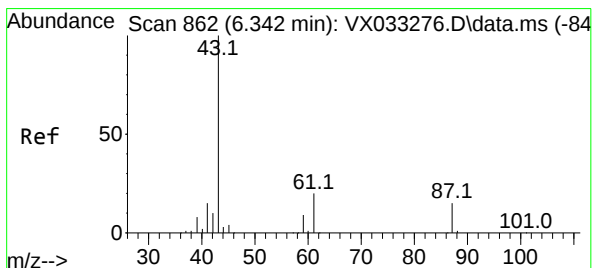
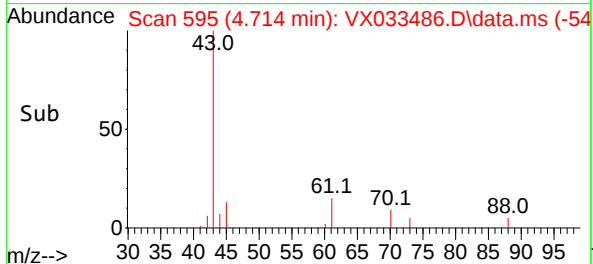
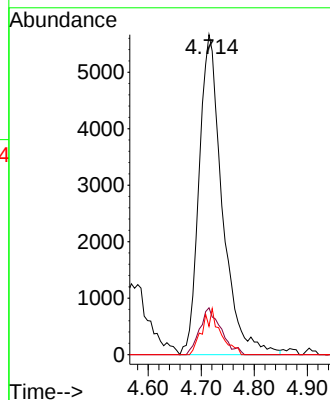
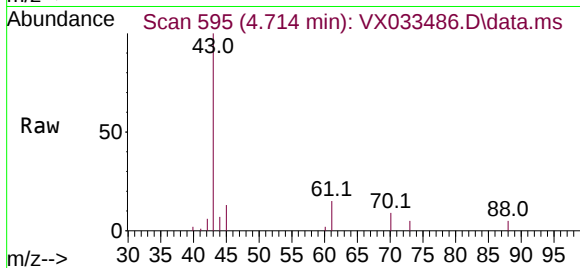
Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#15

Tgt Ion:	43	Resp:	17230
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.5	17.3
70	11.1	9.1	13.7



#43

Isopropyl Acetate

Concen: 31.067 ug/l

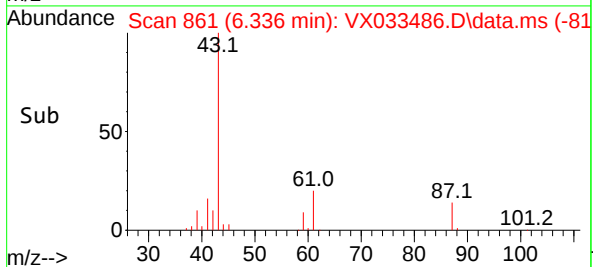
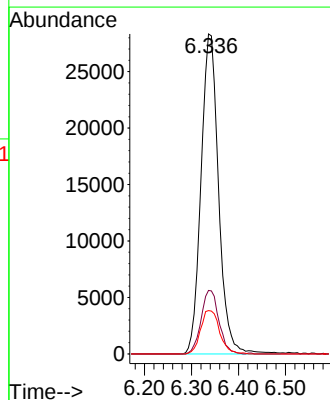
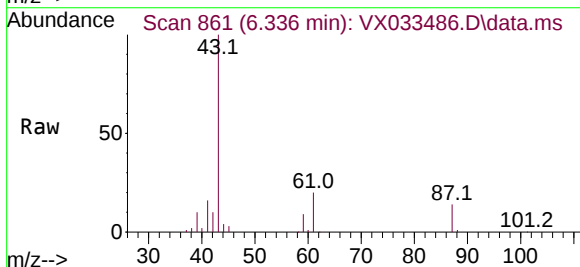
RT: 6.336 min Scan# 861

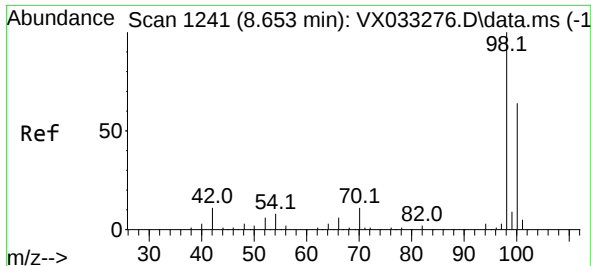
Delta R.T. -0.006 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Tgt Ion:	43	Resp:	73591
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	14.6	10.8	16.2

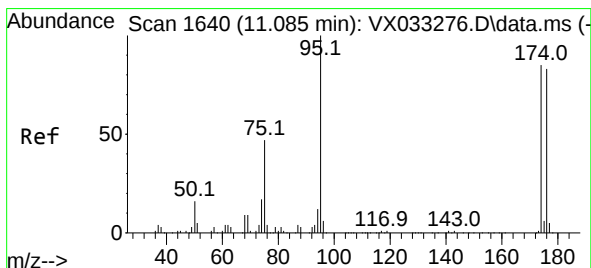
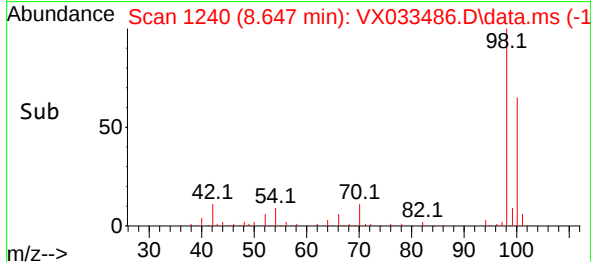
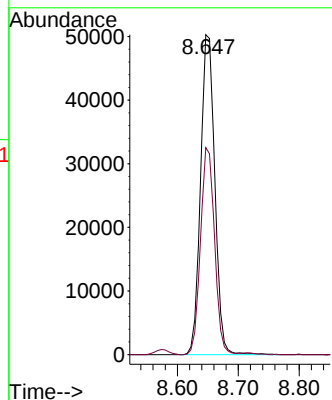
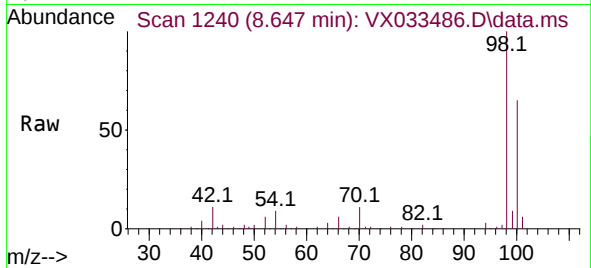




#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

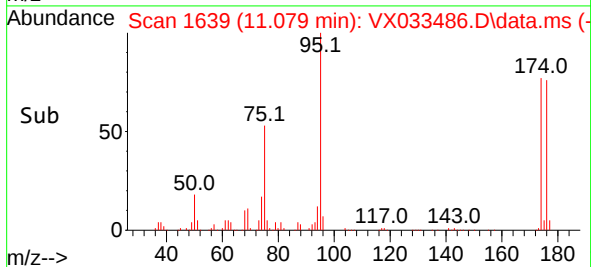
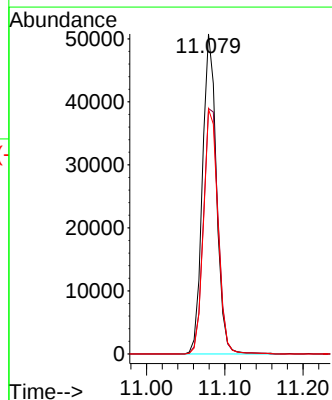
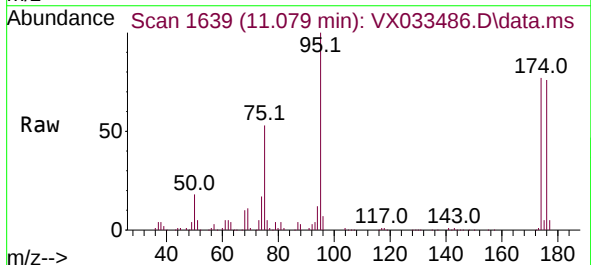
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#15

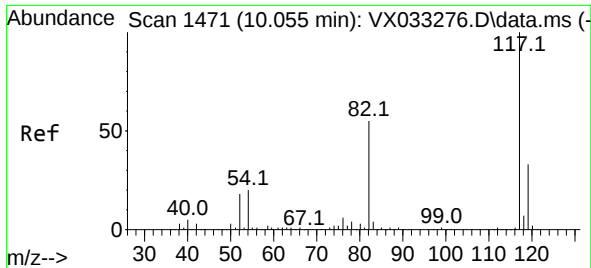
Tgt Ion: 98 Resp: 81610
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 95 Resp: 63044
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.2 0.0 154.4

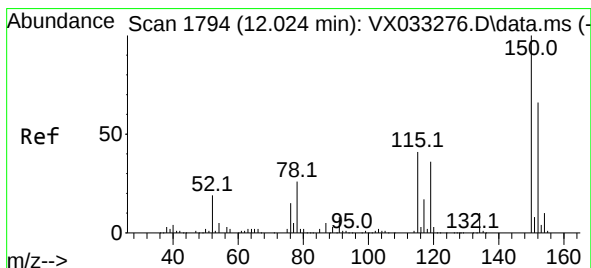
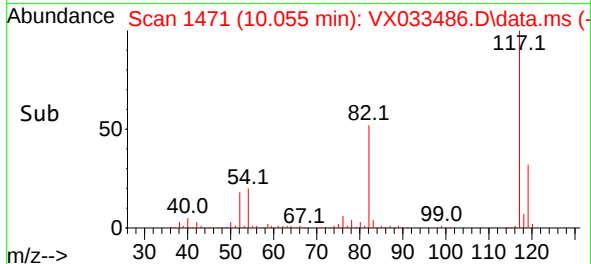
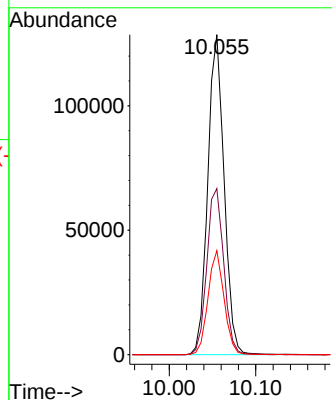
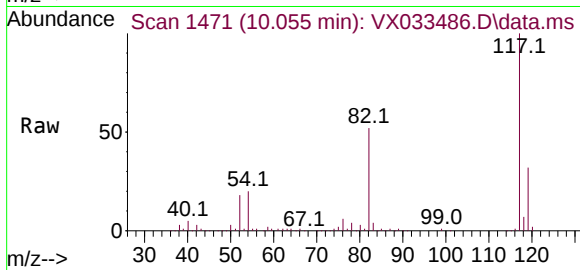




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#15

Tgt Ion:117 Resp: 168185
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion:152 Resp: 73313
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.2 0.0 351.8

