

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036483.D
 Acq On : 10 Jul 2023 15:21
 Operator : JC/MD
 Sample : PB154051ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#05

Quant Time: Jul 11 01:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

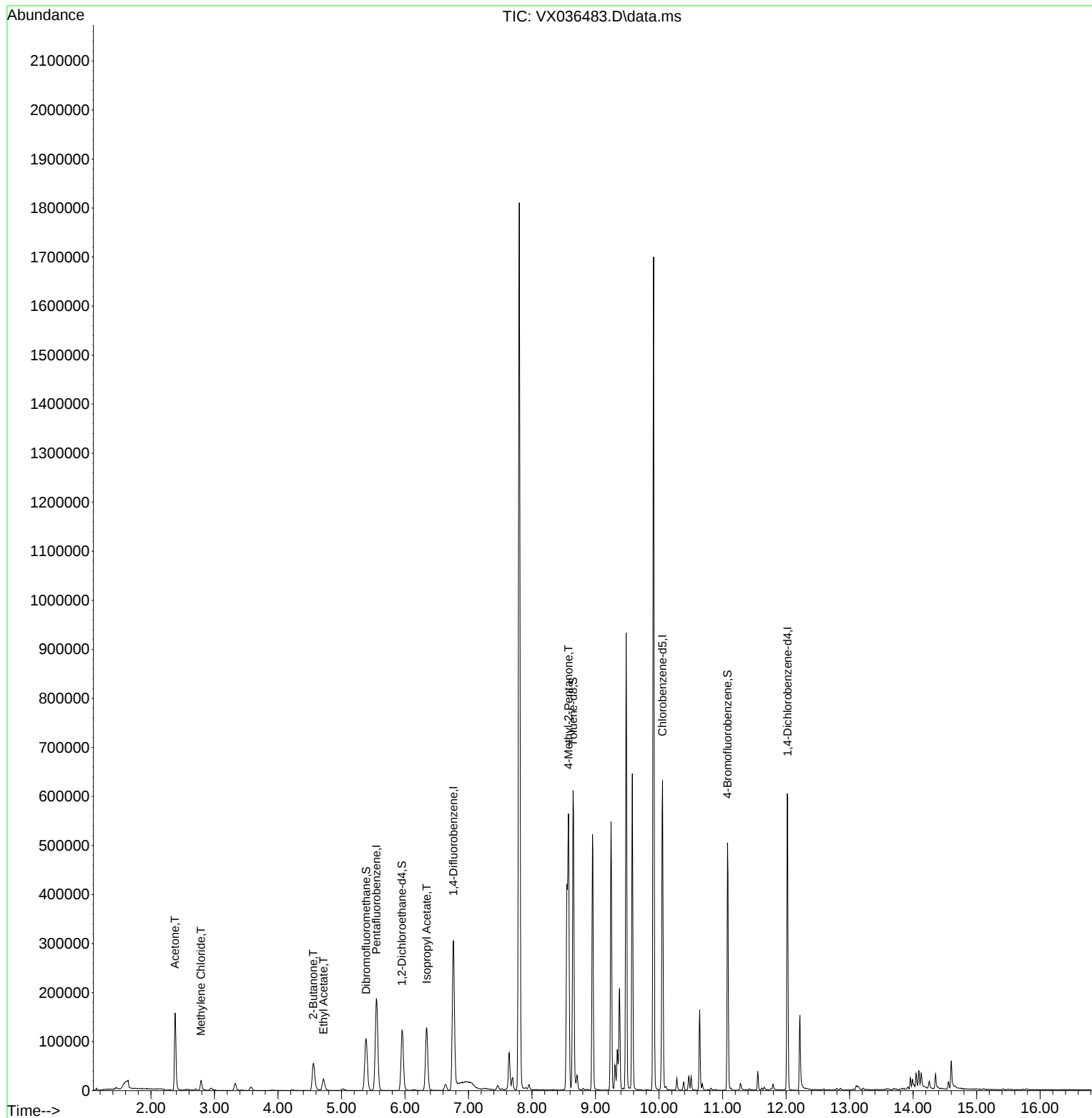
Internal Standards						
1) Pentafluorobenzene	5.550	168	176537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	303922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117691	46.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.020%
35) Dibromofluoromethane	5.385	113	94203	47.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	367963	49.161	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	130801	49.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	173874	160.753	ug/l	93
20) Methylene Chloride	2.788	84	10157	4.361	ug/l	90
25) 2-Butanone	4.556	43	98760	63.549	ug/l	99
37) Ethyl Acetate	4.715	43	41088	13.495	ug/l	99
43) Isopropyl Acetate	6.342	43	178515	36.755	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	437754	139.895	ug/l #	87

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

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QLast Update : Fri Jun 23 15:03:28 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

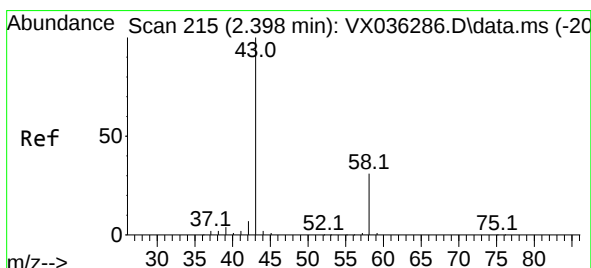
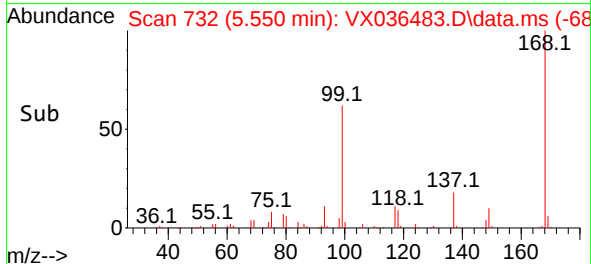
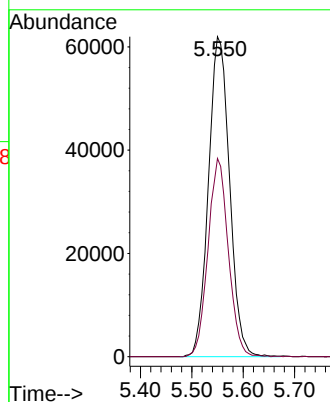
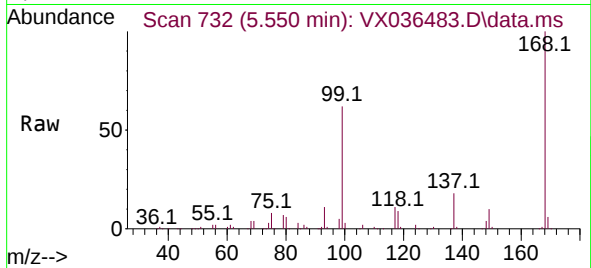
Instrument :

MSVOA_X

ClientSampleId :

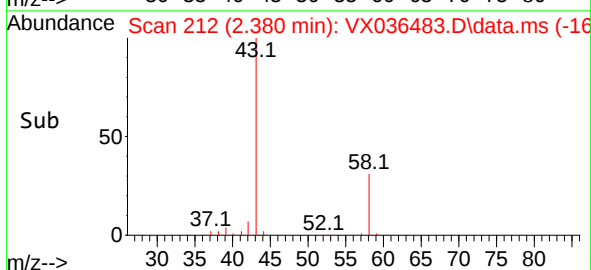
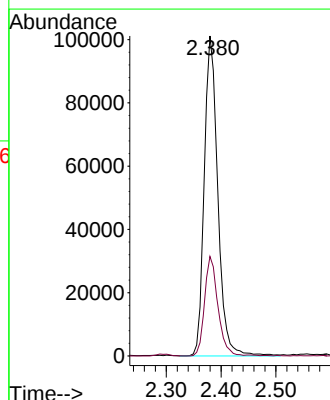
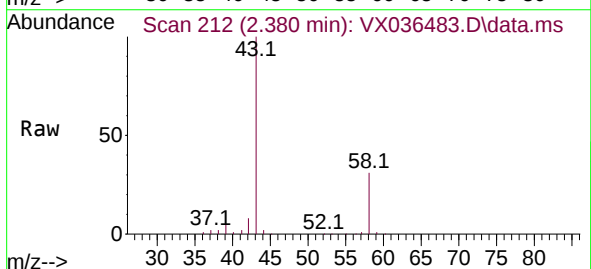
PB154051ZHE#05

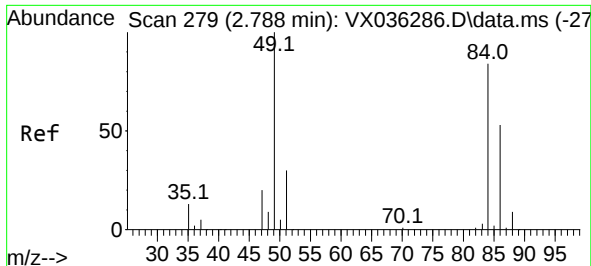
Tgt Ion:168 Resp: 176537
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#16
Acetone
Concen: 160.753 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

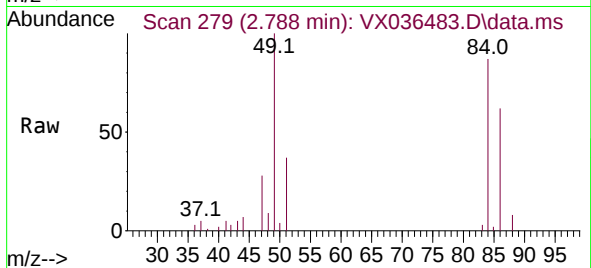
Tgt Ion: 43 Resp: 173874
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



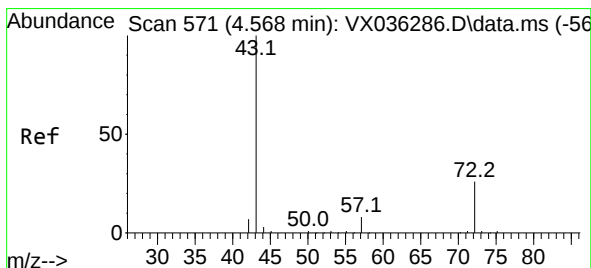
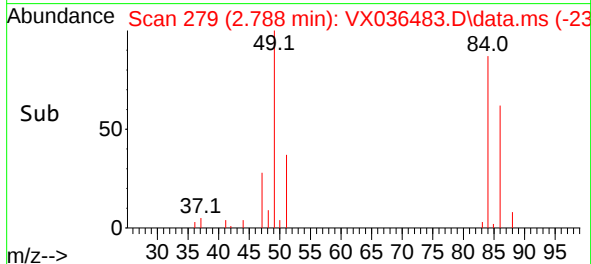
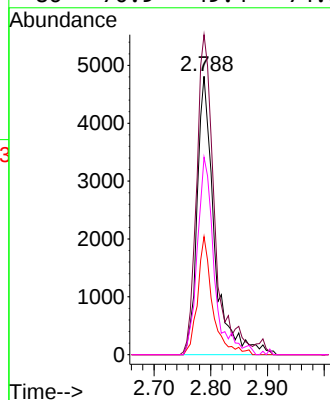


#20
Methylene Chloride
Concen: 4.361 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#05

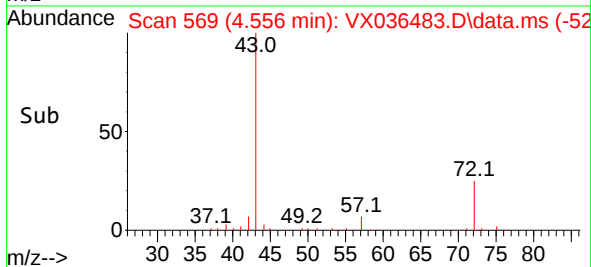
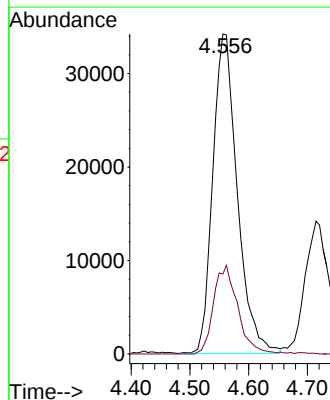
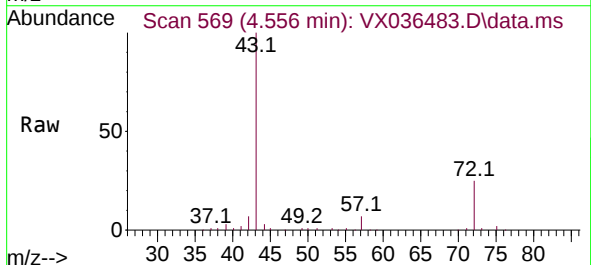


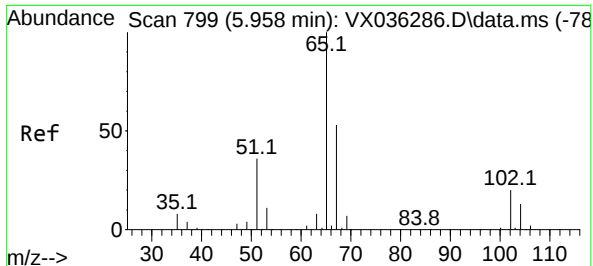
Tgt Ion:	84	Resp:	10157
Ion	Ratio	Lower	Upper
84	100		
49	114.9	103.6	155.4
51	42.4	33.8	50.6
86	70.9	49.4	74.0



#25
2-Butanone
Concen: 63.549 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Tgt Ion:	43	Resp:	98760
Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.508 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036483.D

Acq: 10 Jul 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

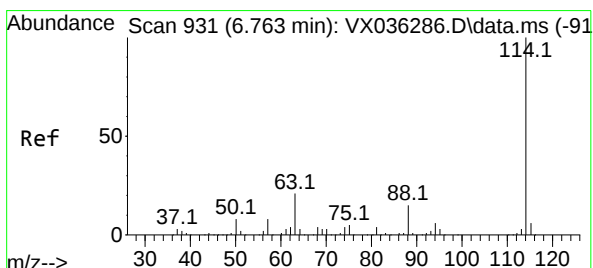
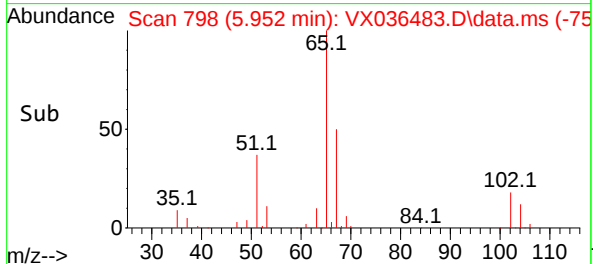
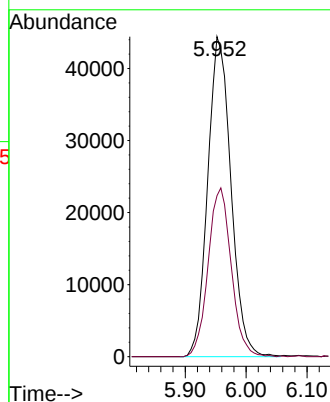
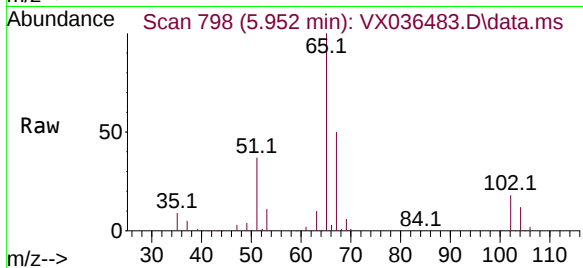
PB154051ZHE#05

Tgt Ion: 65 Resp: 117691

Ion Ratio Lower Upper

65 100

67 52.5 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: VX036483.D

Acq: 10 Jul 2023 15:21

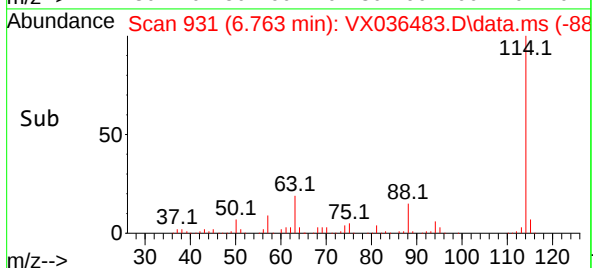
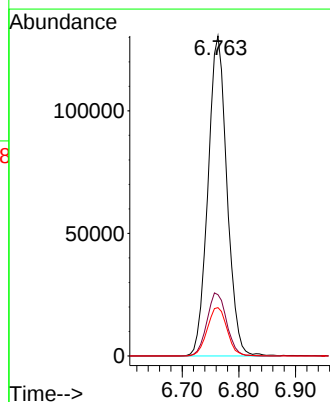
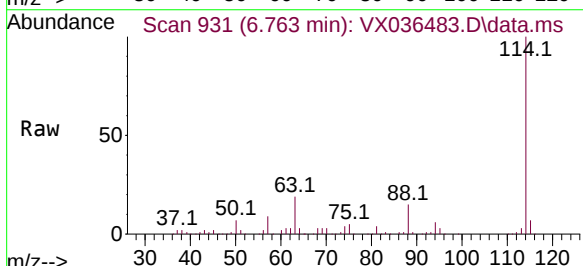
Tgt Ion: 114 Resp: 303922

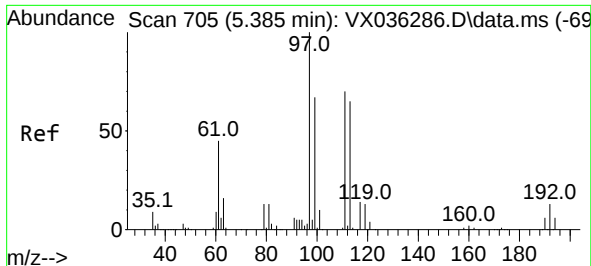
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.1 0.0 36.6

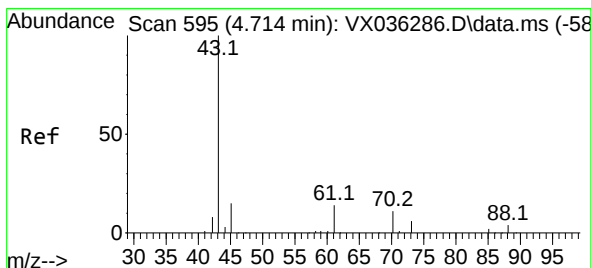
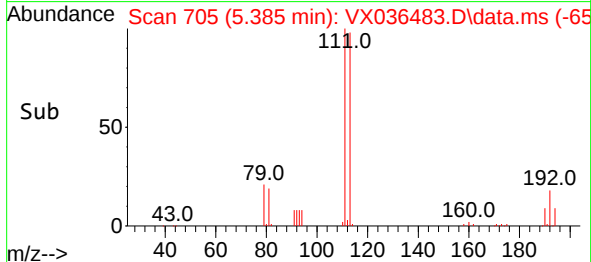
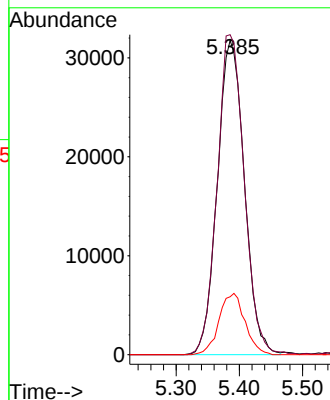
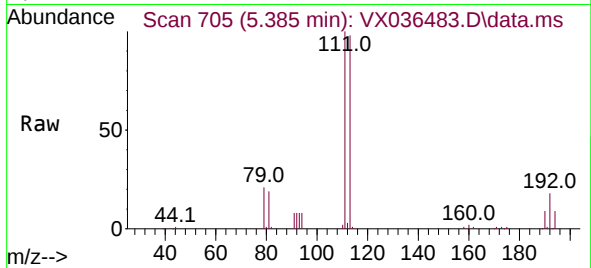




#35
Dibromofluoromethane
Concen: 47.008 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

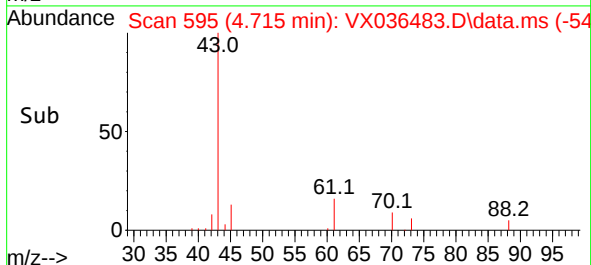
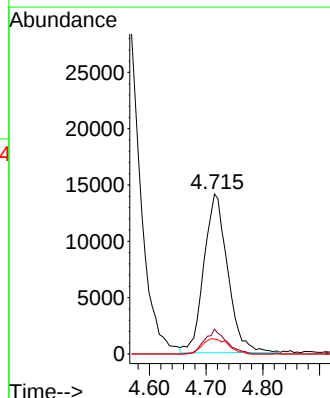
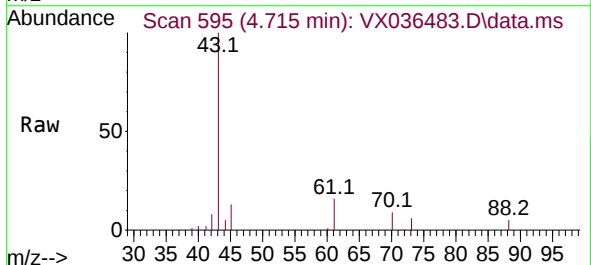
Instrument :
MSVOA_X
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PB154051ZHE#05

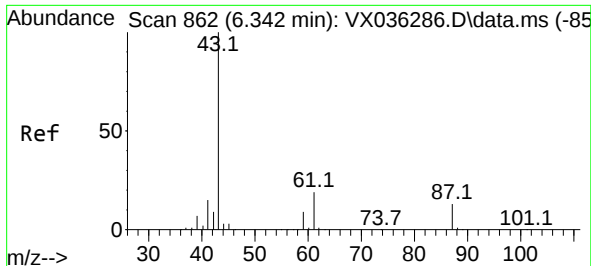
Tgt Ion:113 Resp: 94203
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.7 13.3 19.9



#37
Ethyl Acetate
Concen: 13.495 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Tgt Ion: 43 Resp: 41088
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.4 8.3 12.5

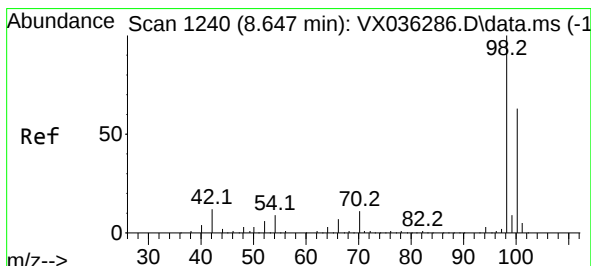
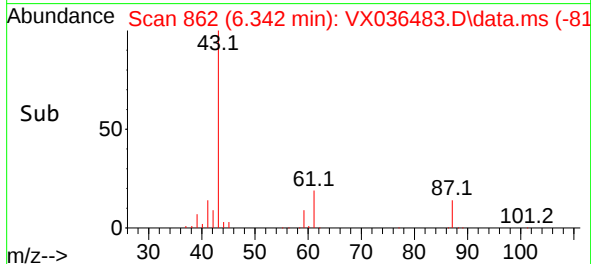
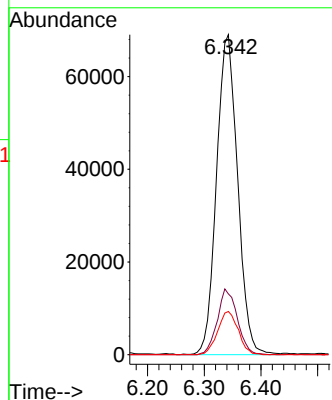
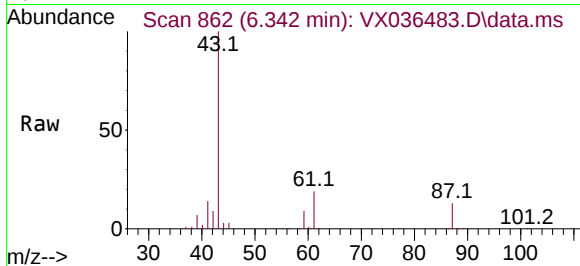




#43
Isopropyl Acetate
Concen: 36.755 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

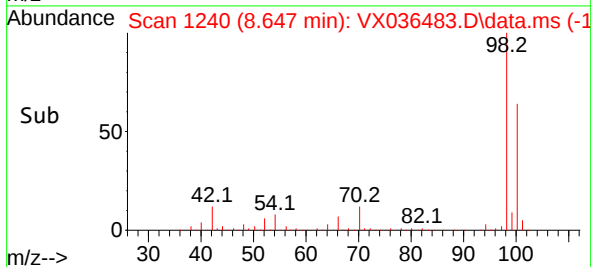
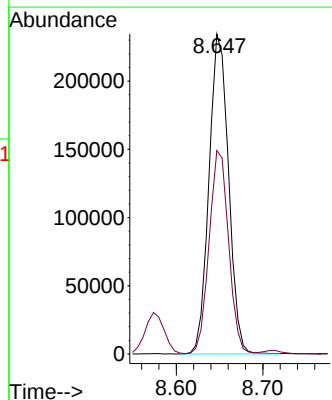
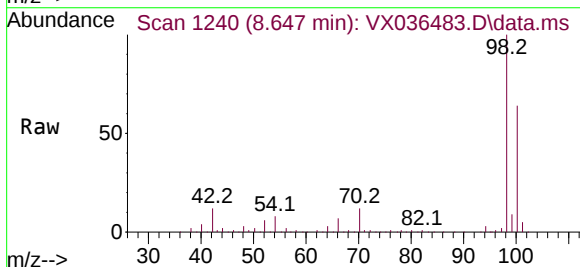
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#05

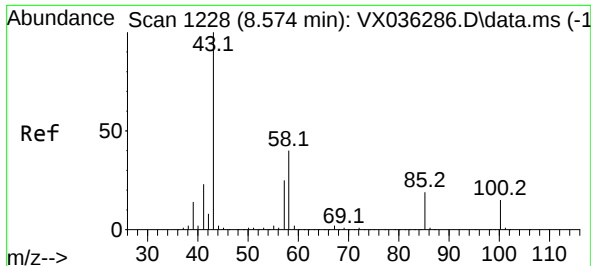
Tgt Ion: 43 Resp: 178515
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 13.2 9.8 14.6



#50
Toluene-d8
Concen: 49.161 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Tgt Ion: 98 Resp: 367963
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

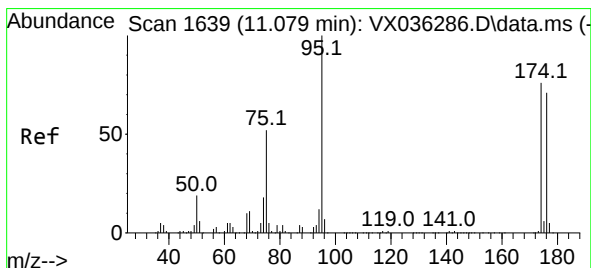
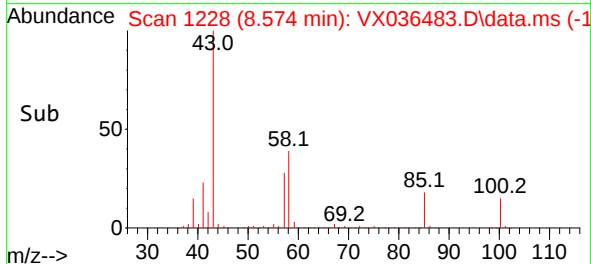
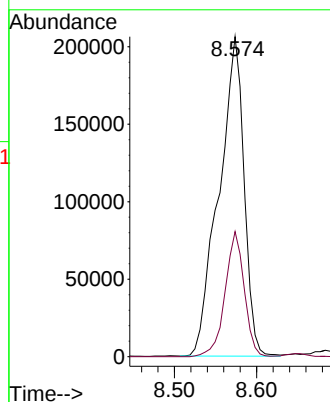
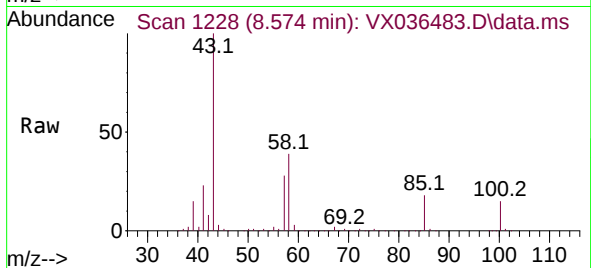




#51
4-Methyl-2-Pentanone
Concen: 139.895 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

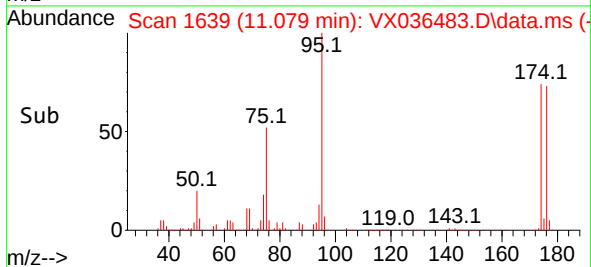
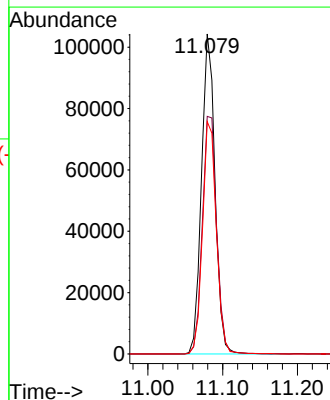
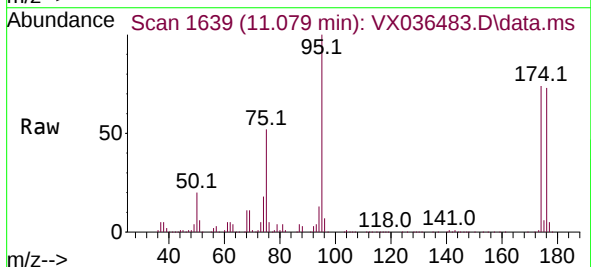
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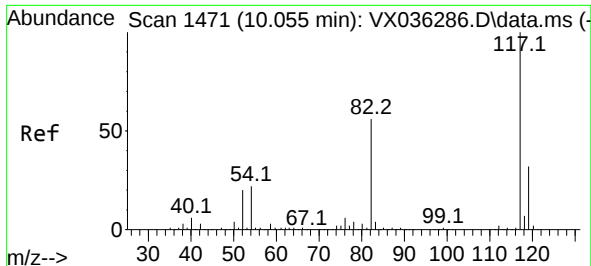
Tgt Ion: 43 Resp: 437754
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Tgt Ion: 95 Resp: 130801
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 74.5 0.0 131.0

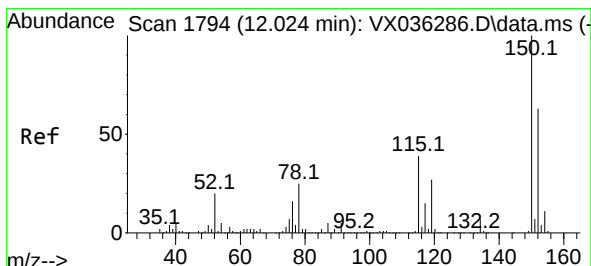
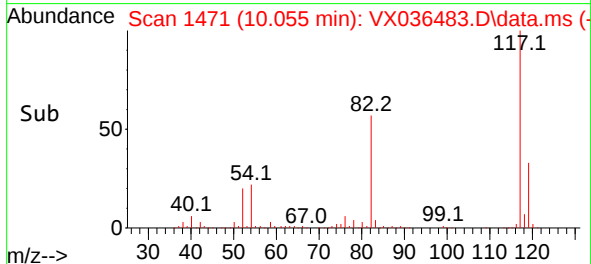
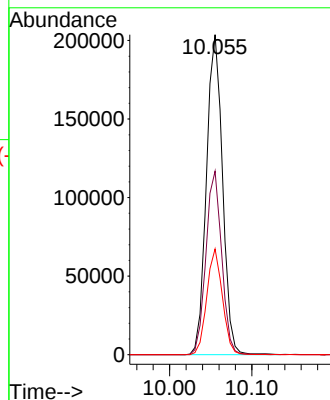
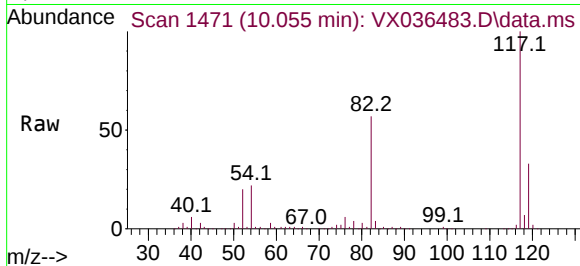




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Instrument :
MSVOA_X
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PB154051ZHE#05

Tgt Ion:117 Resp: 276749
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036483.D
Acq: 10 Jul 2023 15:21

Tgt Ion:152 Resp: 125498
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 155.9 0.0 345.0

