

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036486.D
 Acq On : 10 Jul 2023 16:31
 Operator : JC/MD
 Sample : PB154051ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#08

Quant Time: Jul 11 01:30:56 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)

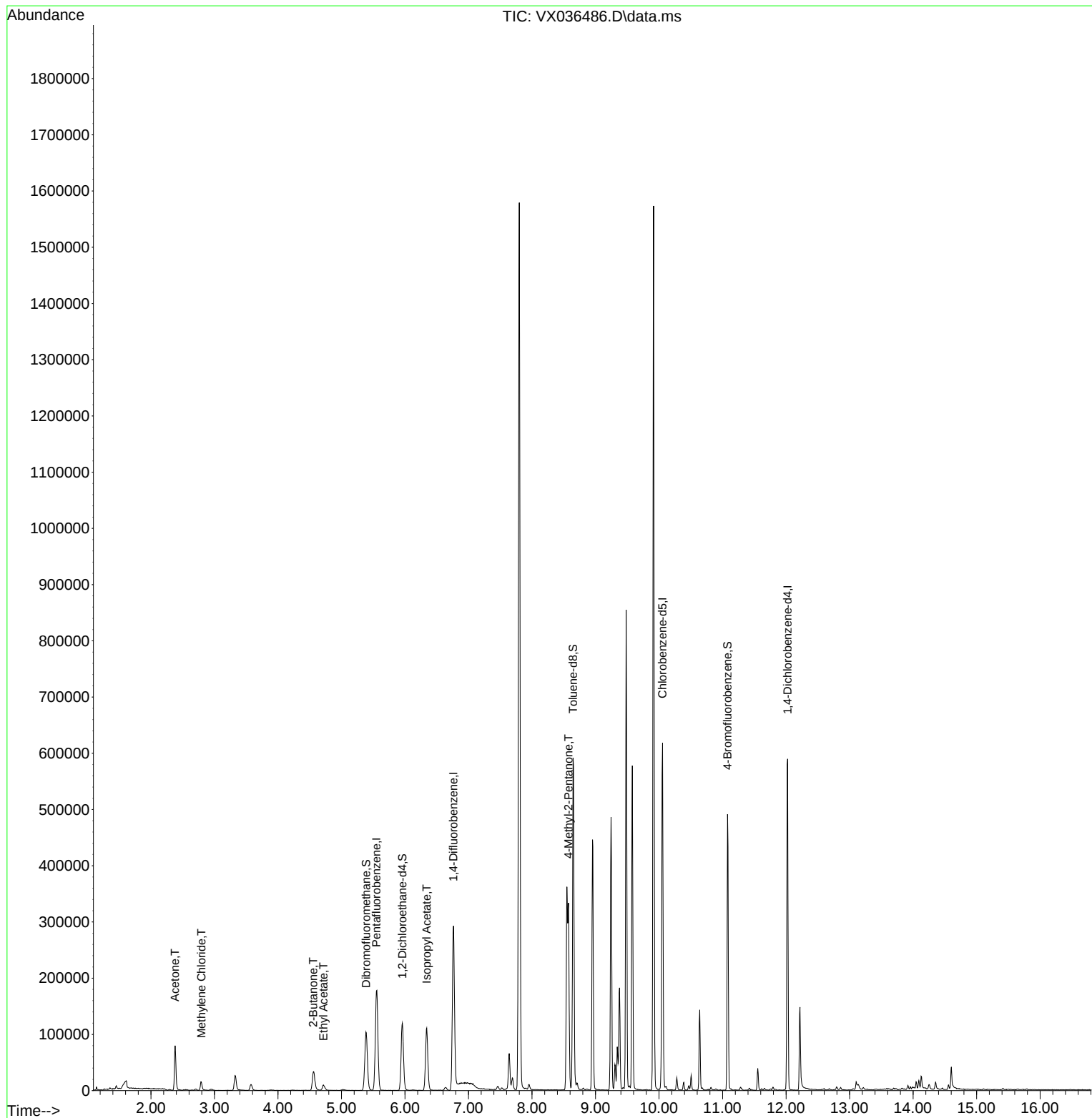
Internal Standards						
1) Pentafluorobenzene	5.550	168	167801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113731	47.283	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.560%	
35) Dibromofluoromethane	5.385	113	90809	47.567	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.140%	
50) Toluene-d8	8.647	98	359756	50.454	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.900%	
62) 4-Bromofluorobenzene	11.079	95	128228	51.055	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.100%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	84547	82.236	ug/l	93
20) Methylene Chloride	2.794	84	7352	3.321	ug/l	87
25) 2-Butanone	4.556	43	58504	39.605	ug/l	93
37) Ethyl Acetate	4.715	43	16165	5.573	ug/l	98
43) Isopropyl Acetate	6.342	43	150379	32.501	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	290642	97.499	ug/l #	81

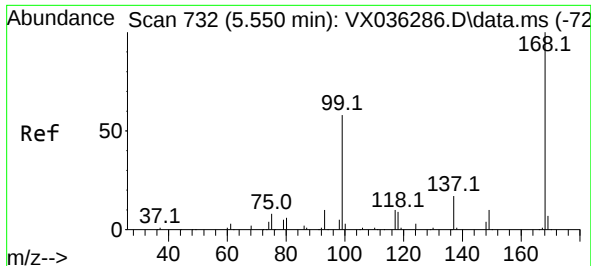
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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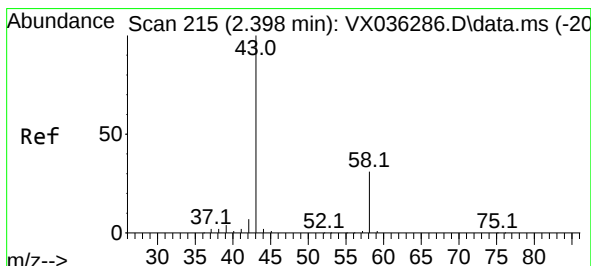
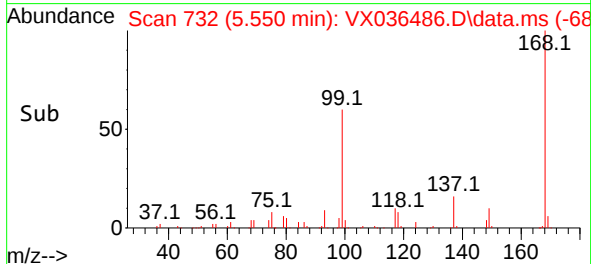
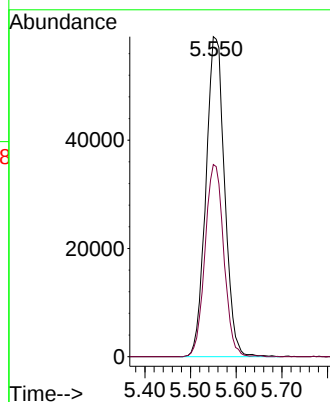
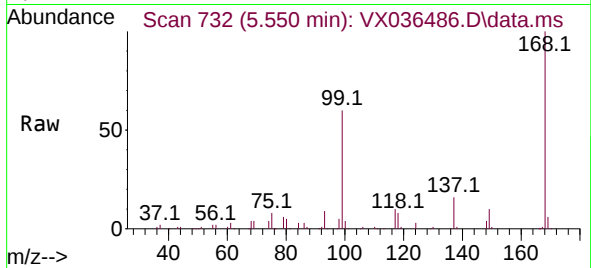




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

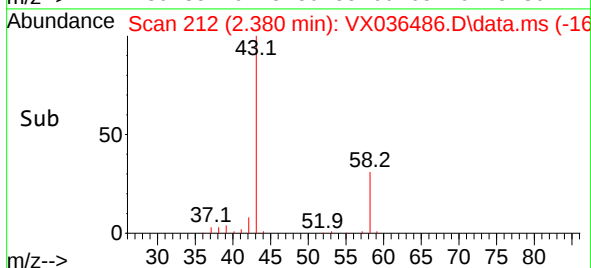
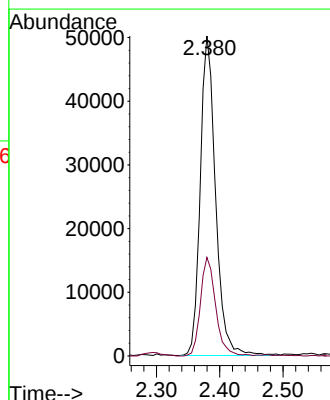
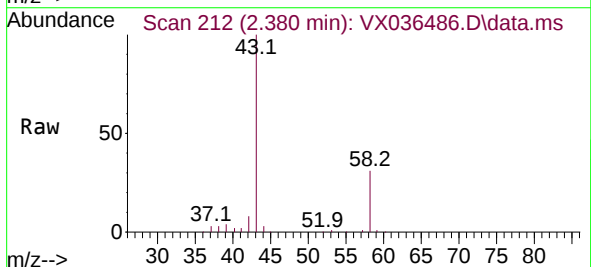
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#08

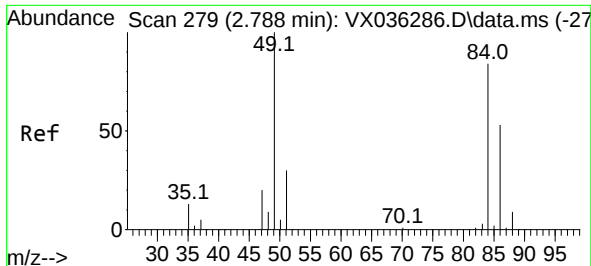
Tgt Ion:168 Resp: 167801
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 82.236 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

Tgt Ion: 43 Resp: 84547
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

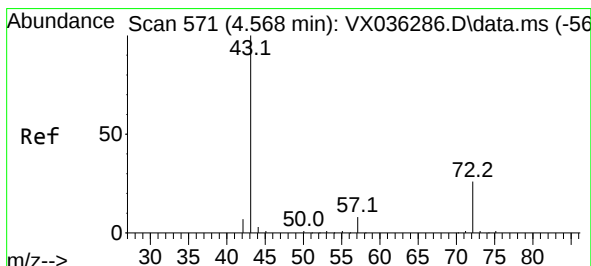
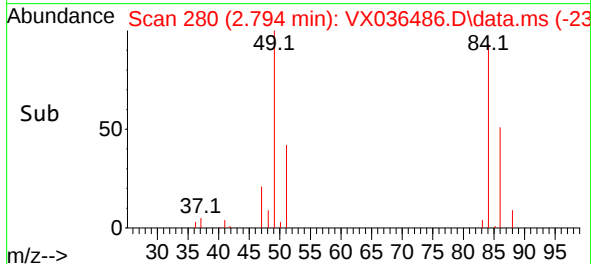
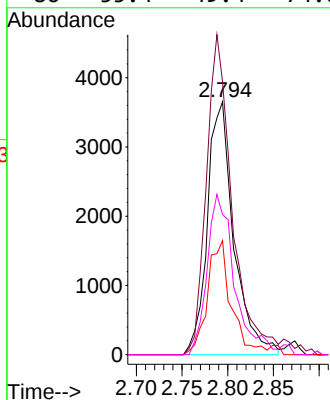
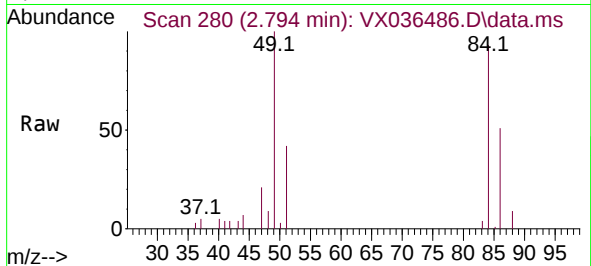




#20
Methylene Chloride
Concen: 3.321 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

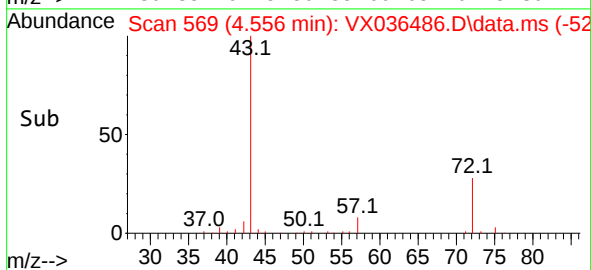
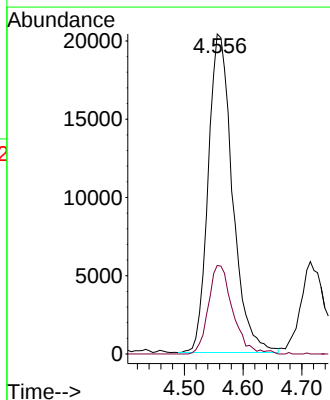
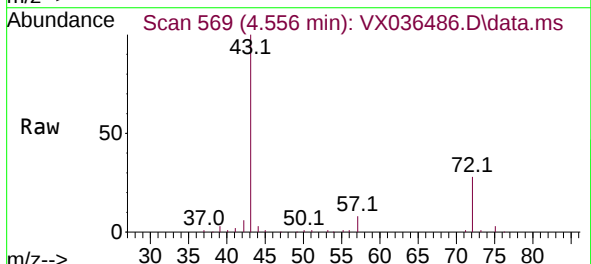
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#08

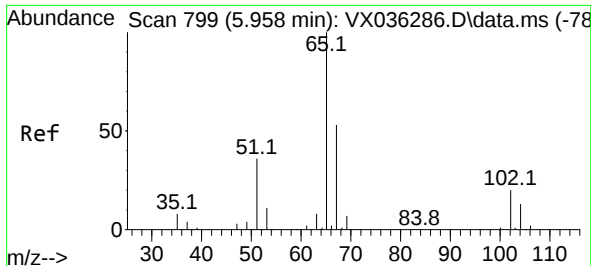
Tgt Ion: 84	Resp: 7352
Ion Ratio	Lower Upper
84 100	
49 108.1	103.6 155.4
51 45.1	33.8 50.6
86 55.4	49.4 74.0



#25
2-Butanone
Concen: 39.605 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

Tgt Ion: 43	Resp: 58504
Ion Ratio	Lower Upper
43 100	
72 27.8	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 47.283 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036486.D

Acq: 10 Jul 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

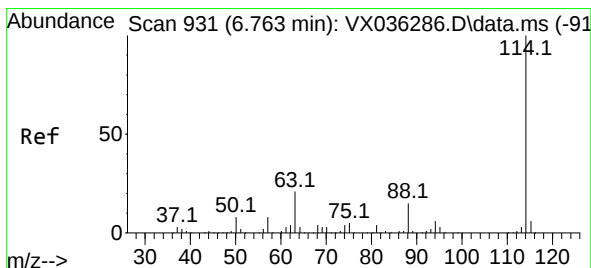
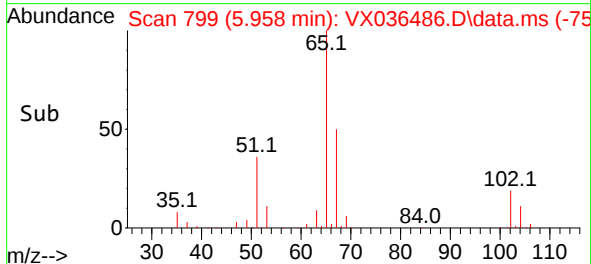
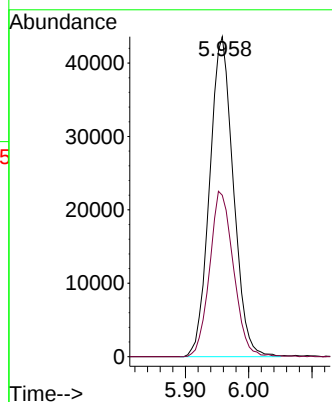
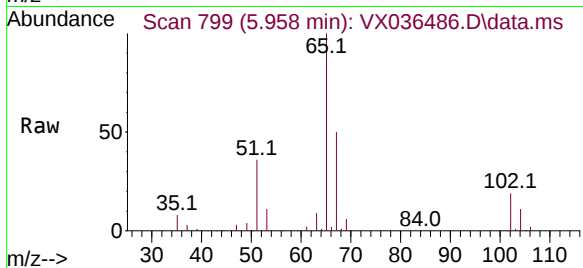
PB154051ZHE#08

Tgt Ion: 65 Resp: 113731

Ion Ratio Lower Upper

65 100

67 52.0 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: VX036486.D

Acq: 10 Jul 2023 16:31

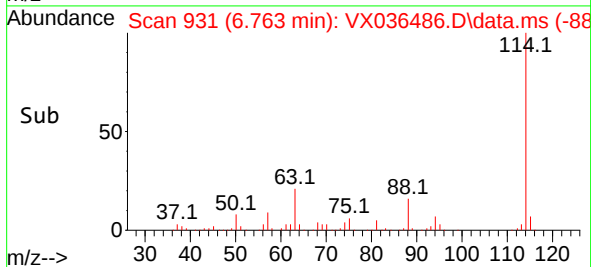
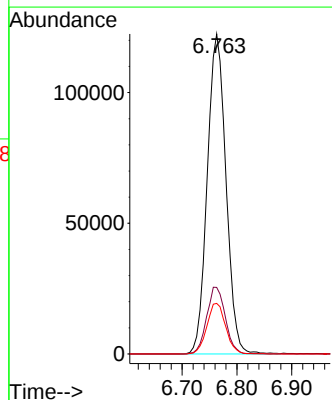
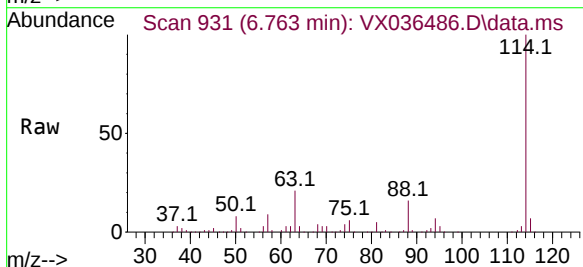
Tgt Ion: 114 Resp: 289530

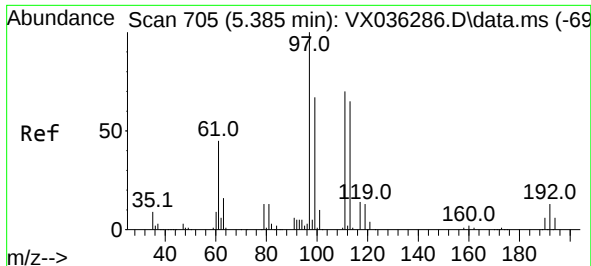
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 15.8 0.0 36.6

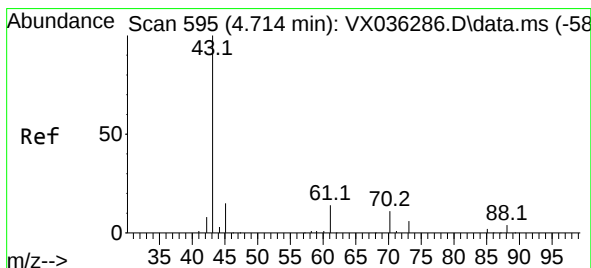
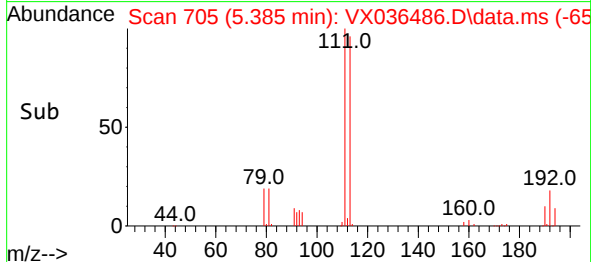
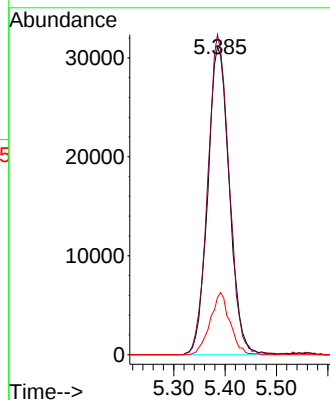
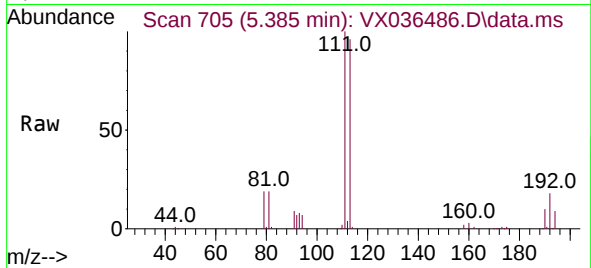




#35
Dibromofluoromethane
Concen: 47.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

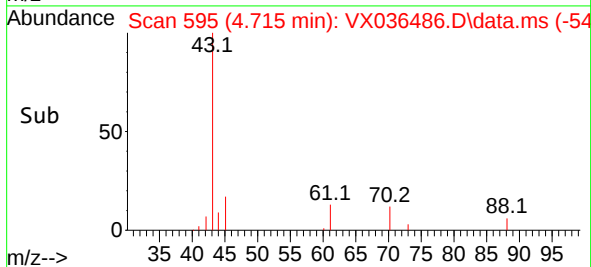
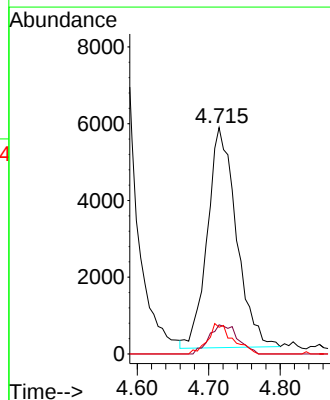
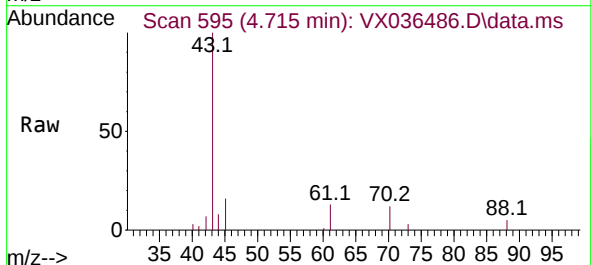
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#08

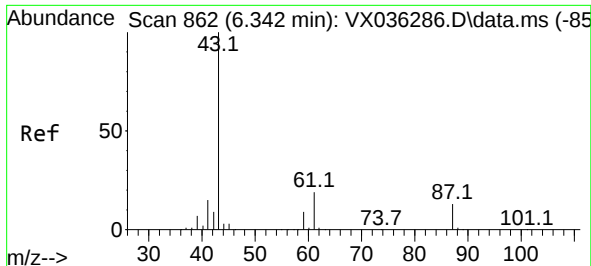
Tgt Ion:113 Resp: 90809
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.5 13.3 19.9



#37
Ethyl Acetate
Concen: 5.573 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

Tgt Ion: 43 Resp: 16165
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 11.7 8.3 12.5

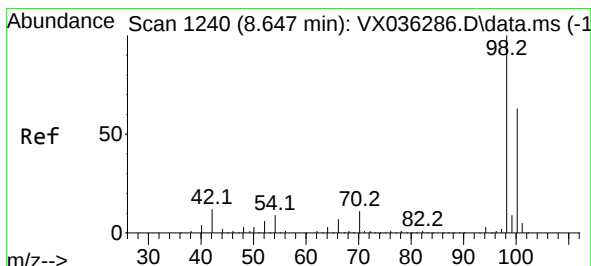
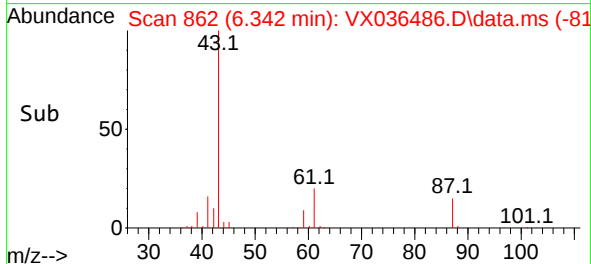
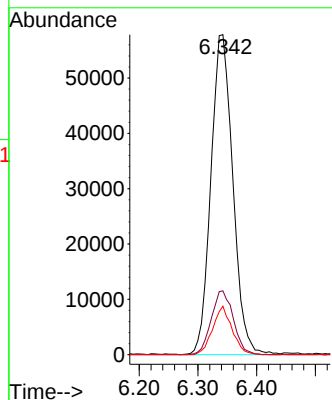
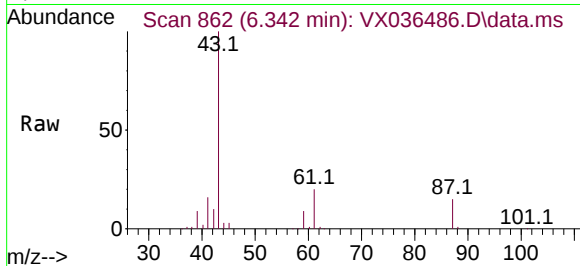




#43
Isopropyl Acetate
Concen: 32.501 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

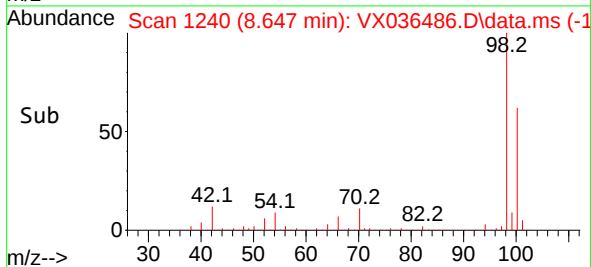
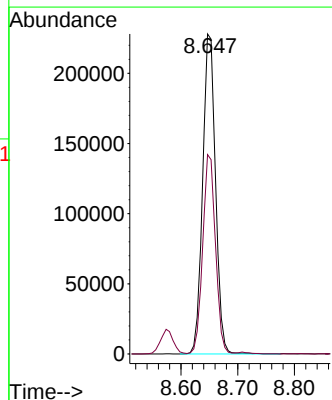
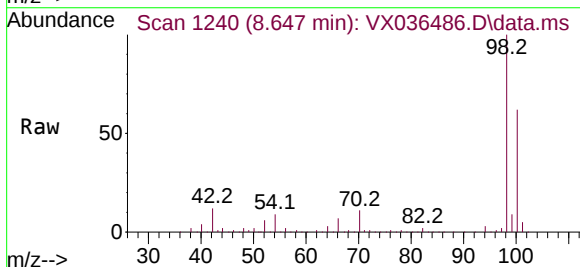
Instrument :
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ClientSampleId :
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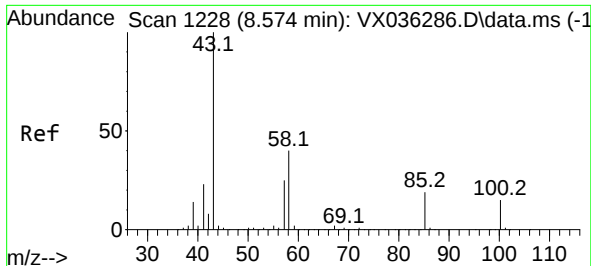
Tgt Ion: 43 Resp: 150379
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 50.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

Tgt Ion: 98 Resp: 359756
Ion Ratio Lower Upper
98 100
100 61.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 97.499 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX036486.D

Acq: 10 Jul 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

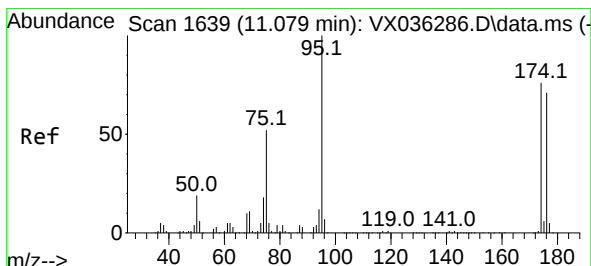
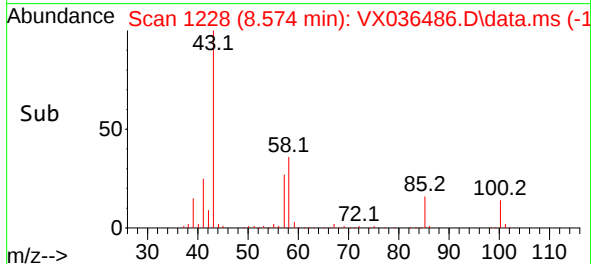
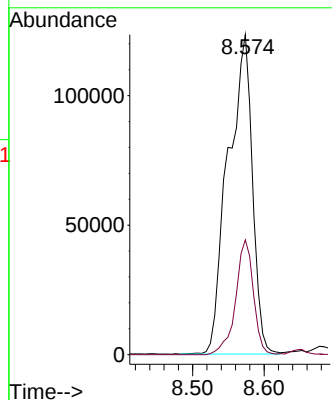
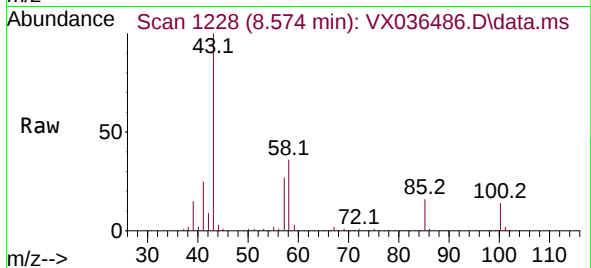
PB154051ZHE#08

Tgt Ion: 43 Resp: 290642

Ion Ratio Lower Upper

43 100

58 26.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 51.055 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036486.D

Acq: 10 Jul 2023 16:31

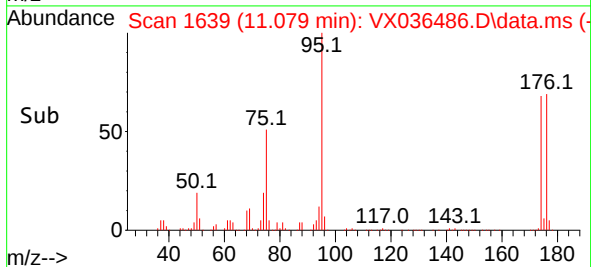
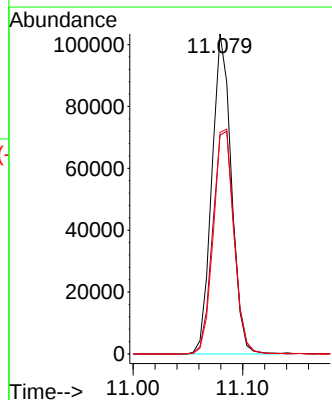
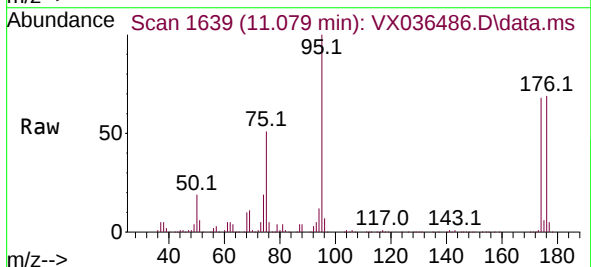
Tgt Ion: 95 Resp: 128228

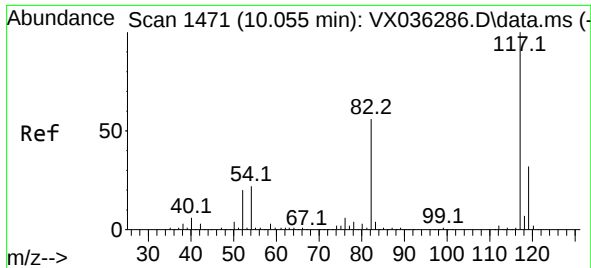
Ion Ratio Lower Upper

95 100

174 76.1 0.0 135.6

176 73.8 0.0 131.0

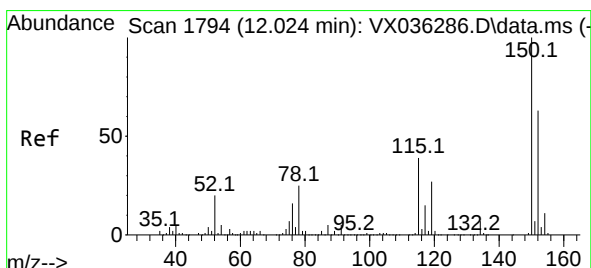
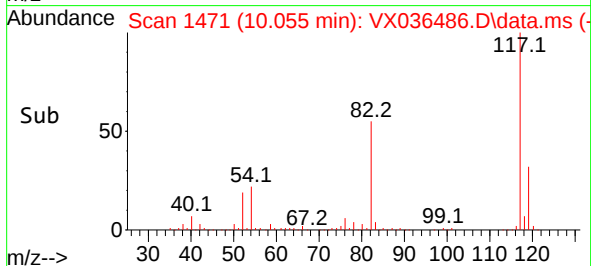
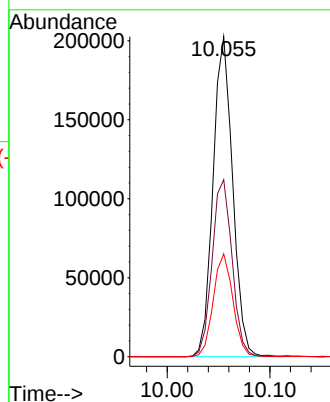
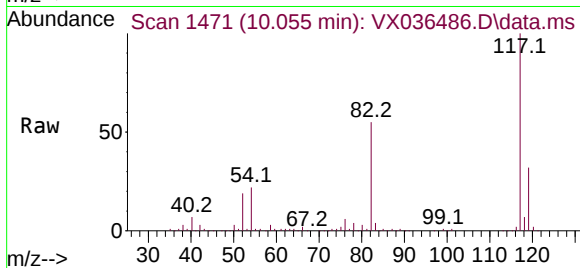




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036486.D
Acq: 10 Jul 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#08

Tgt Ion:117 Resp: 268199
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.1 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: VX036486.D
Acq: 10 Jul 2023 16:31

Tgt Ion:152 Resp: 124024
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 156.6 0.0 345.0

