

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036407.D
 Acq On : 05 Jul 2023 16:31
 Operator : JC/MD
 Sample : PB153983ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#08

Quant Time: Jul 06 04:53:38 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)

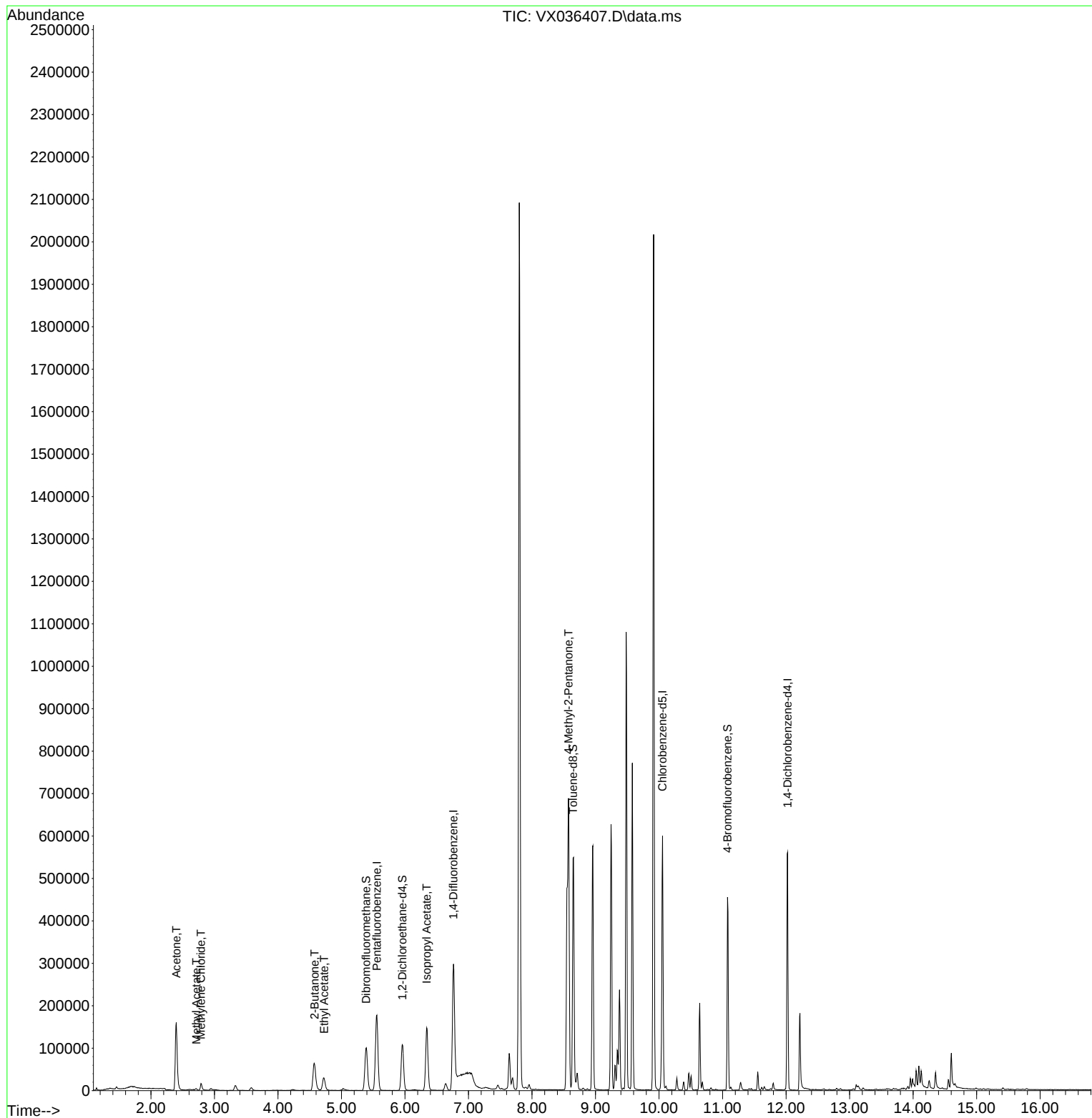
Internal Standards						
1) Pentafluorobenzene	5.556	168	167020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107667	44.972	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.940%		
35) Dibromofluoromethane	5.385	113	89133	47.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	8.647	98	340914	49.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	120098	49.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.220%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	220976	215.942	ug/l	96
18) Methyl Acetate	2.715	43	4669	1.110	ug/l	98
20) Methylene Chloride	2.788	84	7471	3.391	ug/l	97
25) 2-Butanone	4.574	43	117525	79.933	ug/l	97
37) Ethyl Acetate	4.727	43	55321	19.589	ug/l	98
43) Isopropyl Acetate	6.342	43	203063	45.074	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	533202	183.706	ug/l	87

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

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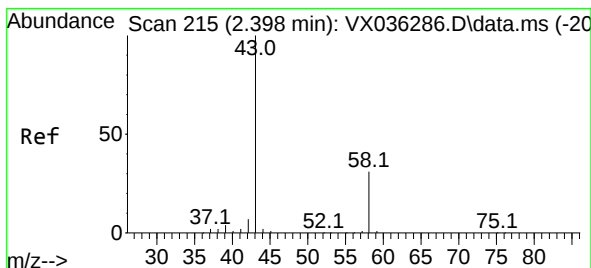
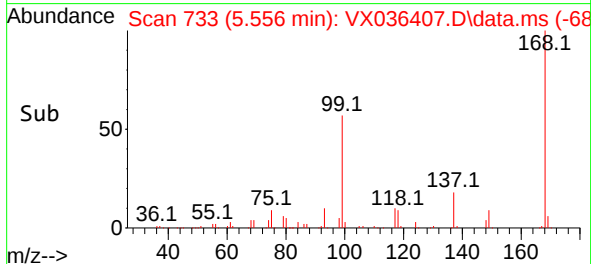
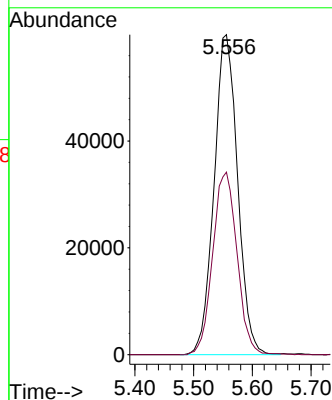
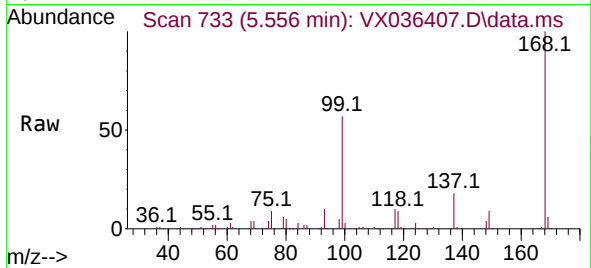




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

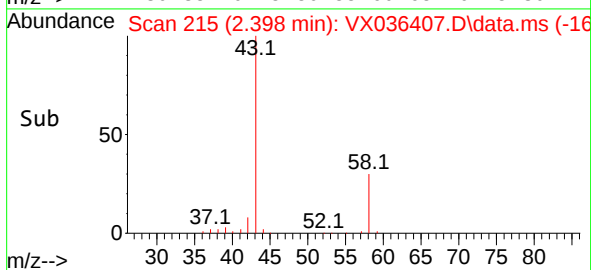
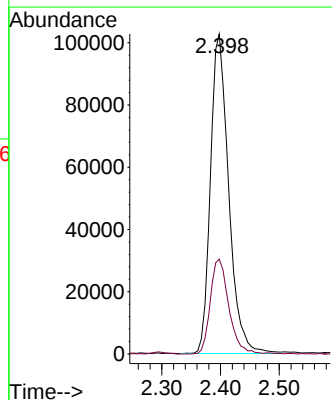
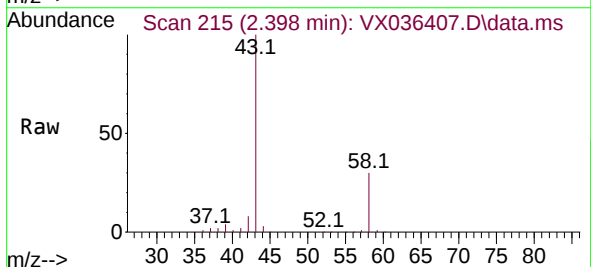
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#08

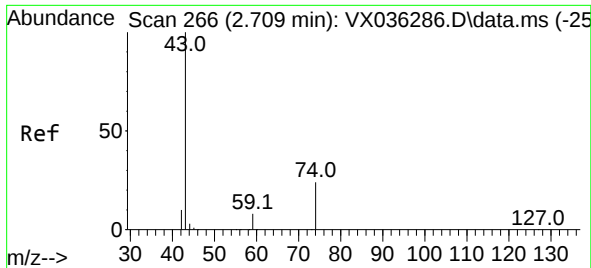
Tgt Ion:168 Resp: 167020
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#16
Acetone
Concen: 215.942 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

Tgt Ion: 43 Resp: 220976
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9

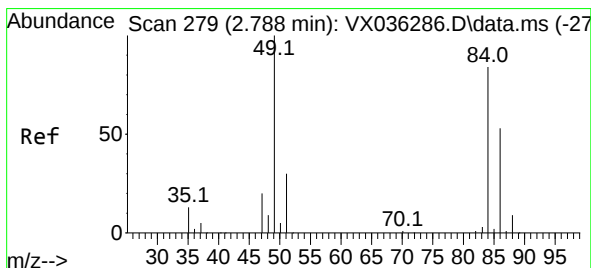
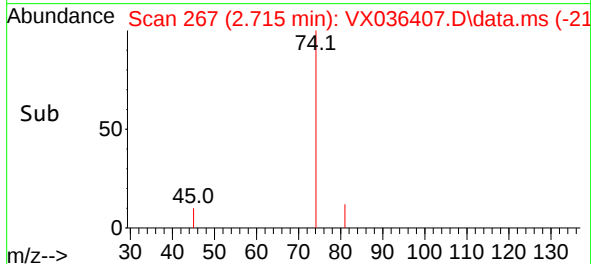
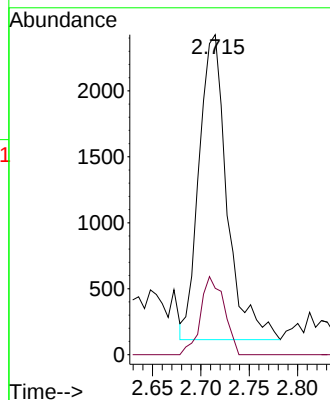
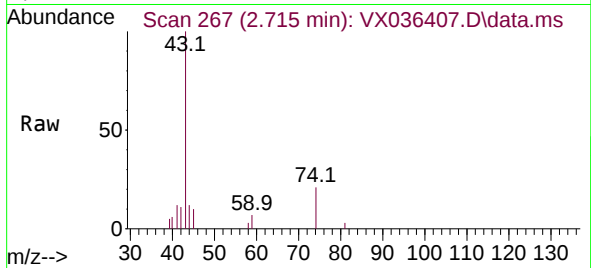




#18
Methyl Acetate
Concen: 1.110 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

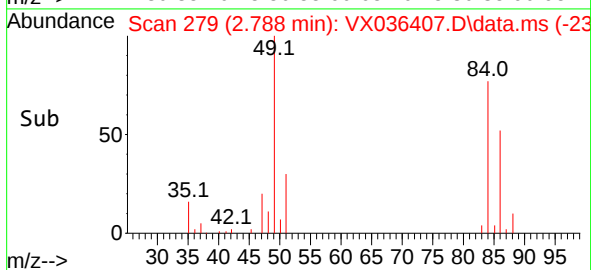
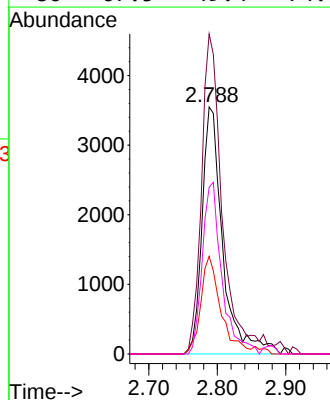
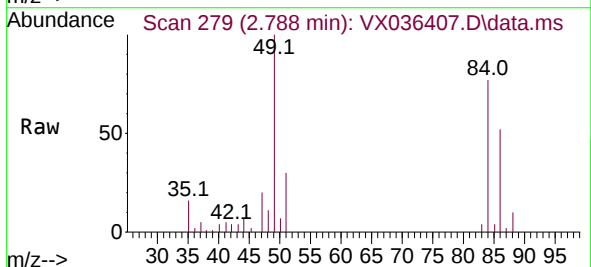
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#08

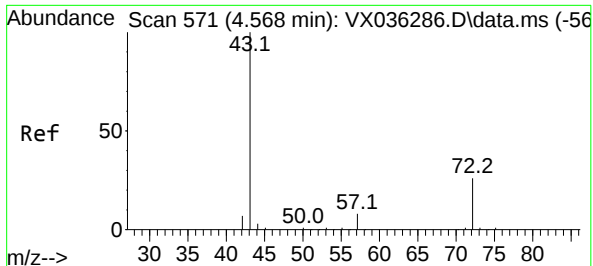
Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 3.391 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

Tgt Ion: 84 Resp: 7471
Ion Ratio Lower Upper
84 100
49 129.6 103.6 155.4
51 39.5 33.8 50.6
86 67.5 49.4 74.0





#25

2-Butanone

Concen: 79.933 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036407.D

Acq: 05 Jul 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

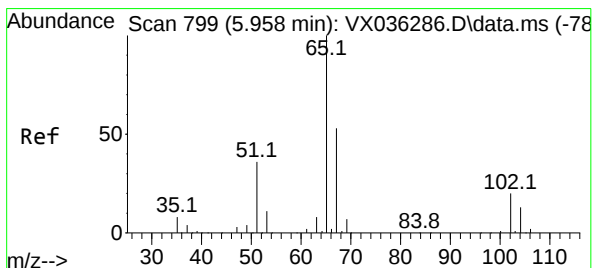
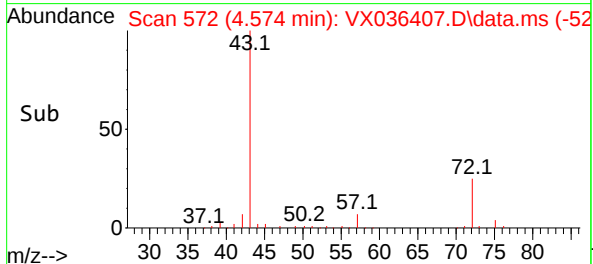
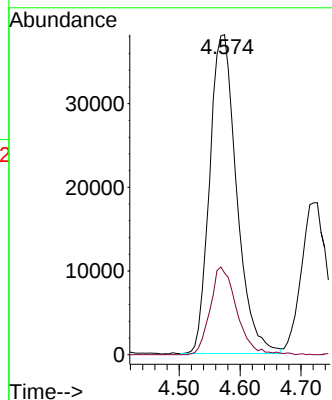
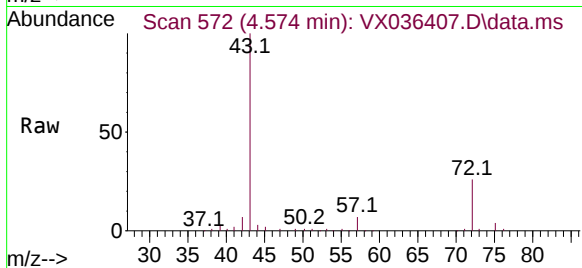
PB153983ZHE#08

Tgt Ion: 43 Resp: 117525

Ion Ratio Lower Upper

43 100

72 25.6 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 44.972 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036407.D

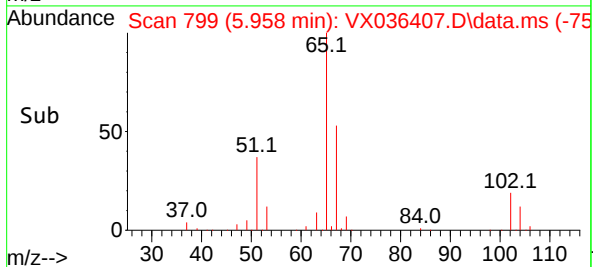
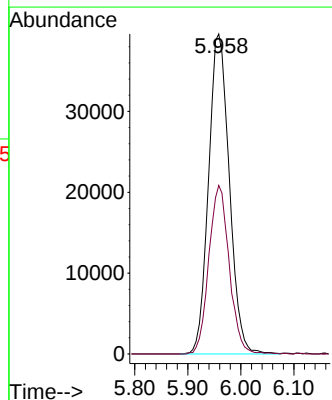
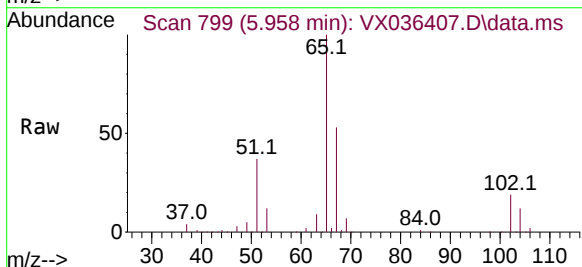
Acq: 05 Jul 2023 16:31

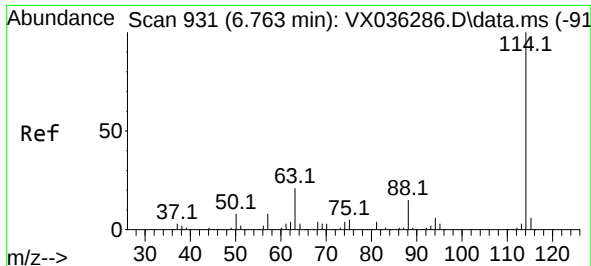
Tgt Ion: 65 Resp: 107667

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2

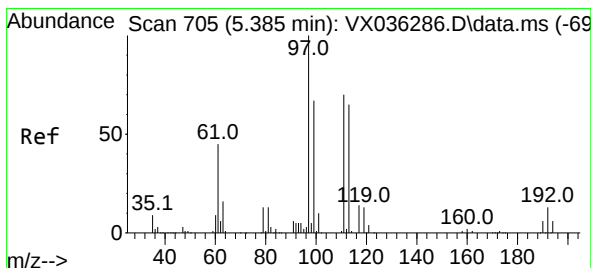
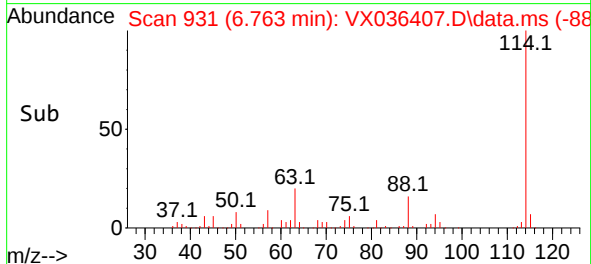
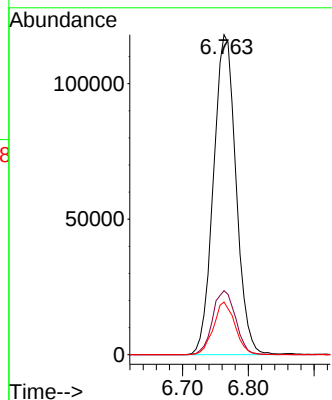
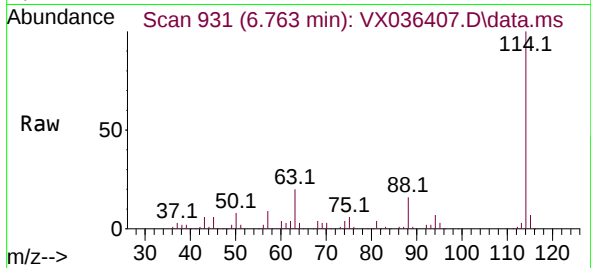




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

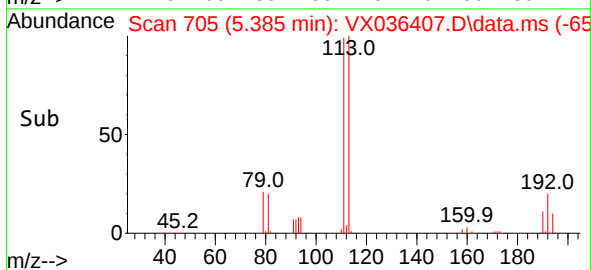
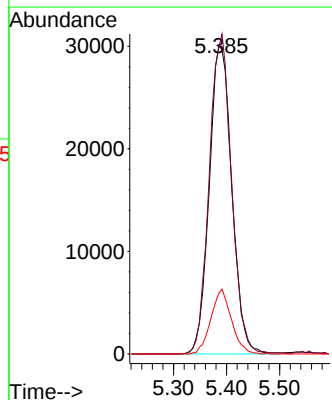
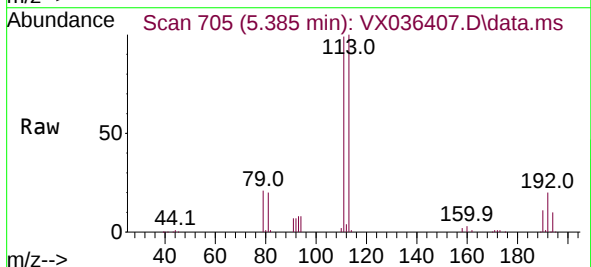
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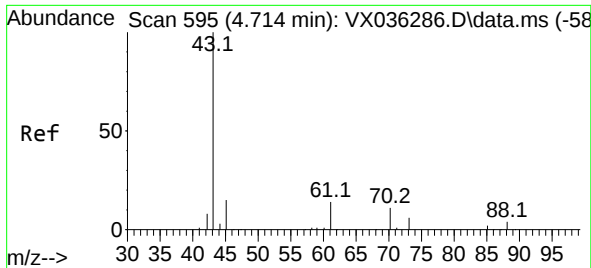
Tgt Ion:114 Resp: 281906
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.952 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

Tgt Ion:113 Resp: 89133
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.1 13.3 19.9

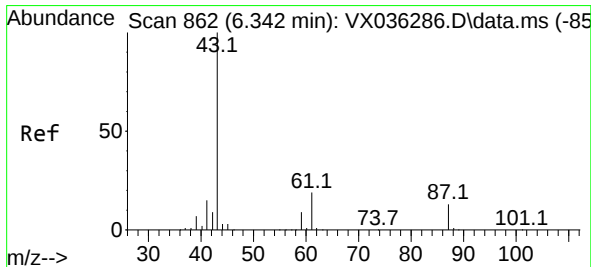
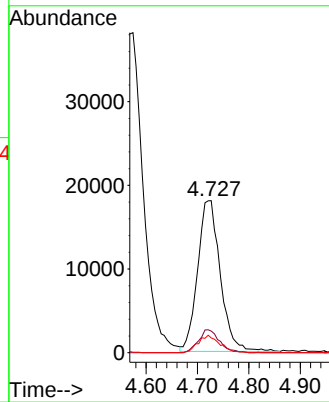
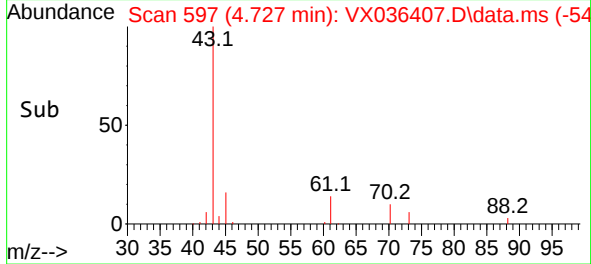
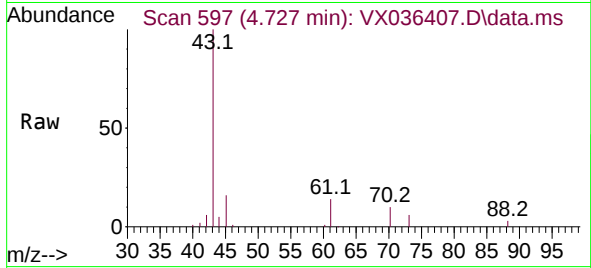




#37
Ethyl Acetate
Concen: 19.589 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.013 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

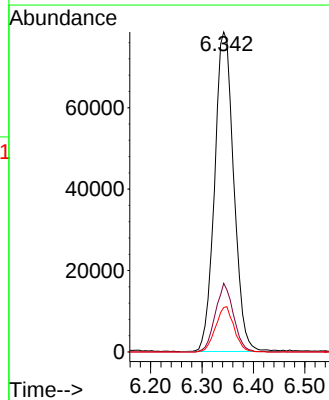
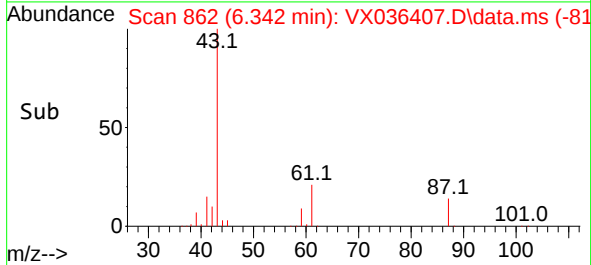
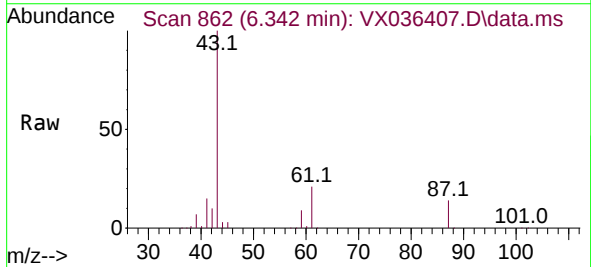
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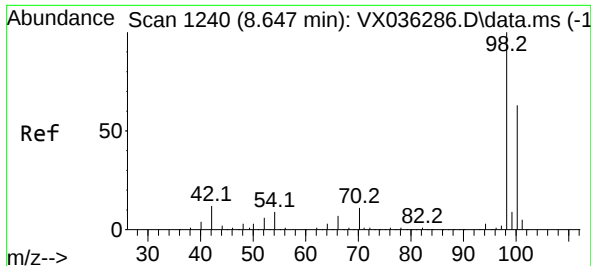
Tgt Ion:	43	Resp:	55321
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.9	8.3	12.5



#43
Isopropyl Acetate
Concen: 45.074 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

Tgt Ion:	43	Resp:	203063
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.2	22.8
87	13.7	9.8	14.6

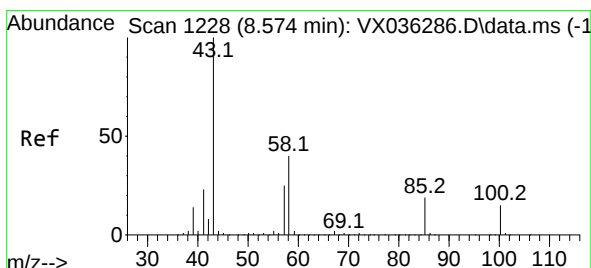
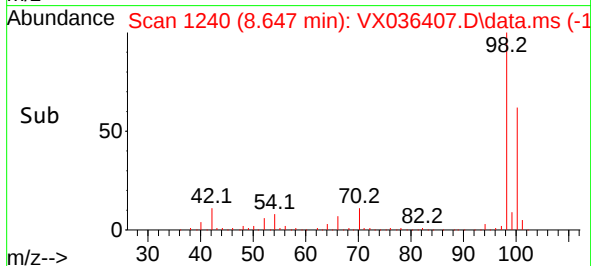
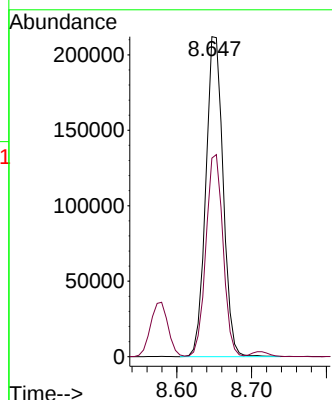
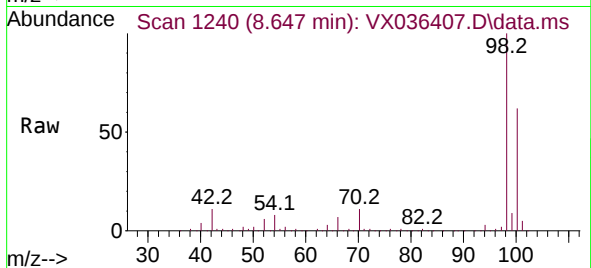




#50
Toluene-d8
Concen: 49.104 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

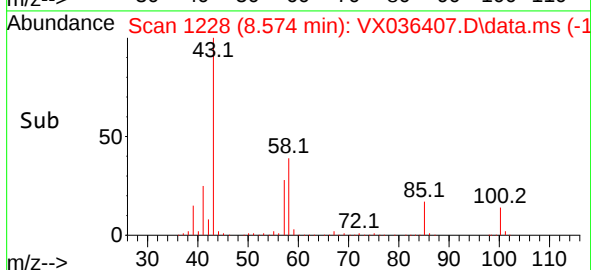
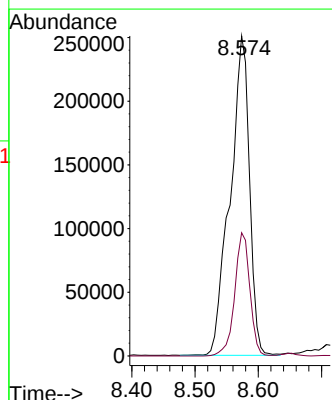
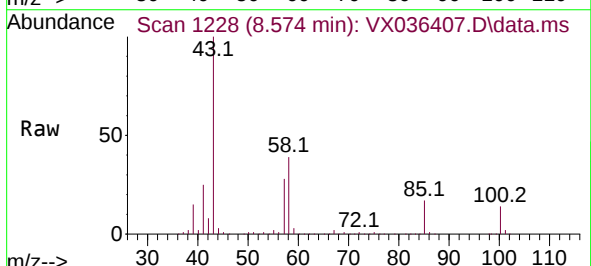
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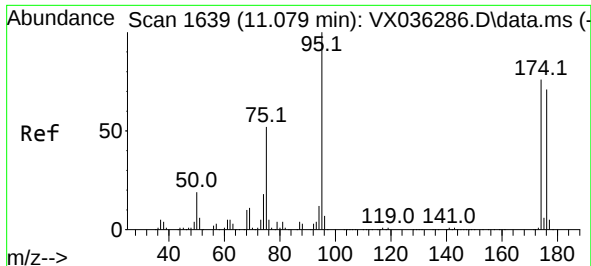
Tgt Ion: 98 Resp: 340914
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 183.706 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

Tgt Ion: 43 Resp: 533202
Ion Ratio Lower Upper
43 100
58 30.4 30.4 45.6

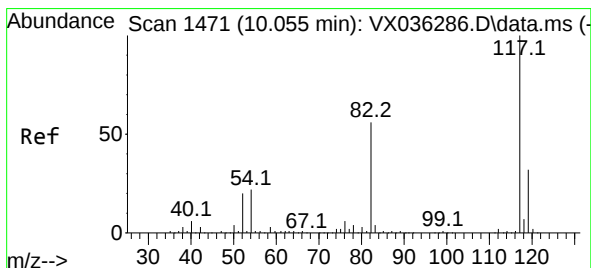
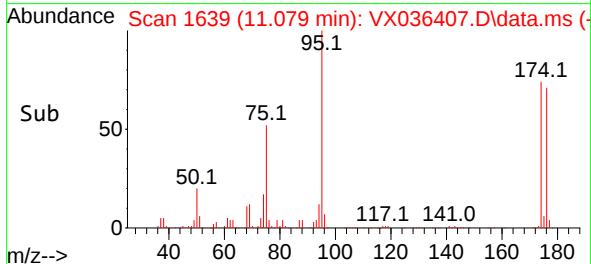
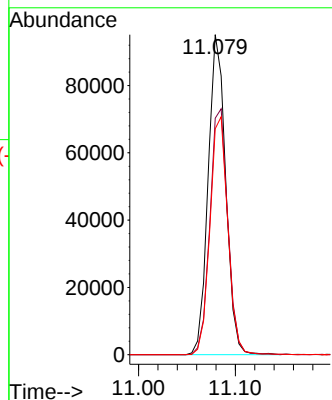
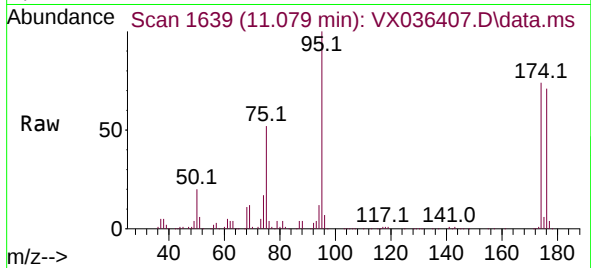




#62
4-Bromofluorobenzene
Concen: 49.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

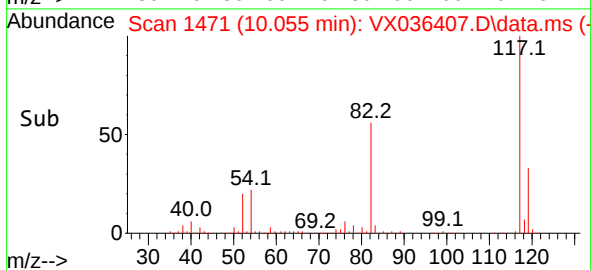
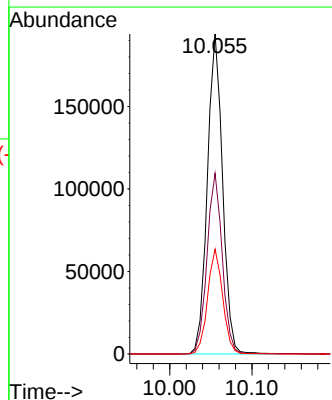
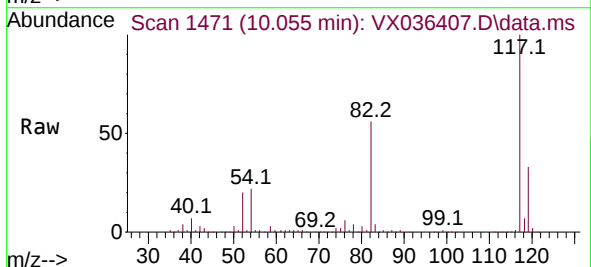
Instrument :
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PB153983ZHE#08

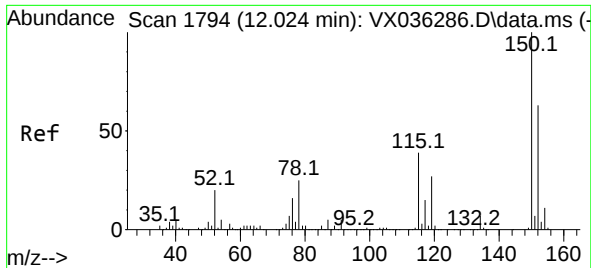
Tgt Ion: 95 Resp: 120098
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036407.D
Acq: 05 Jul 2023 16:31

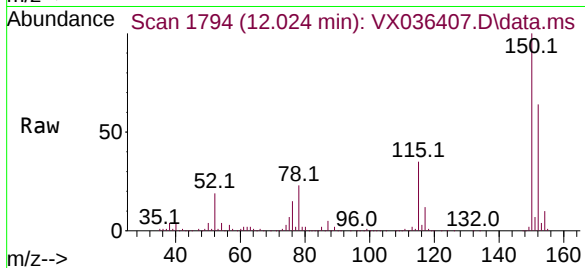
Tgt Ion: 117 Resp: 249185
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036407.D
 Acq: 05 Jul 2023 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 117018
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.3 129.9
 150 156.2 0.0 345.0

