

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX030005.D
 Acq On : 11 Jul 2022 18:17
 Operator : JC/MD
 Sample : N3648-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMR-TP1-0708

Quant Time: Jul 12 02:04:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

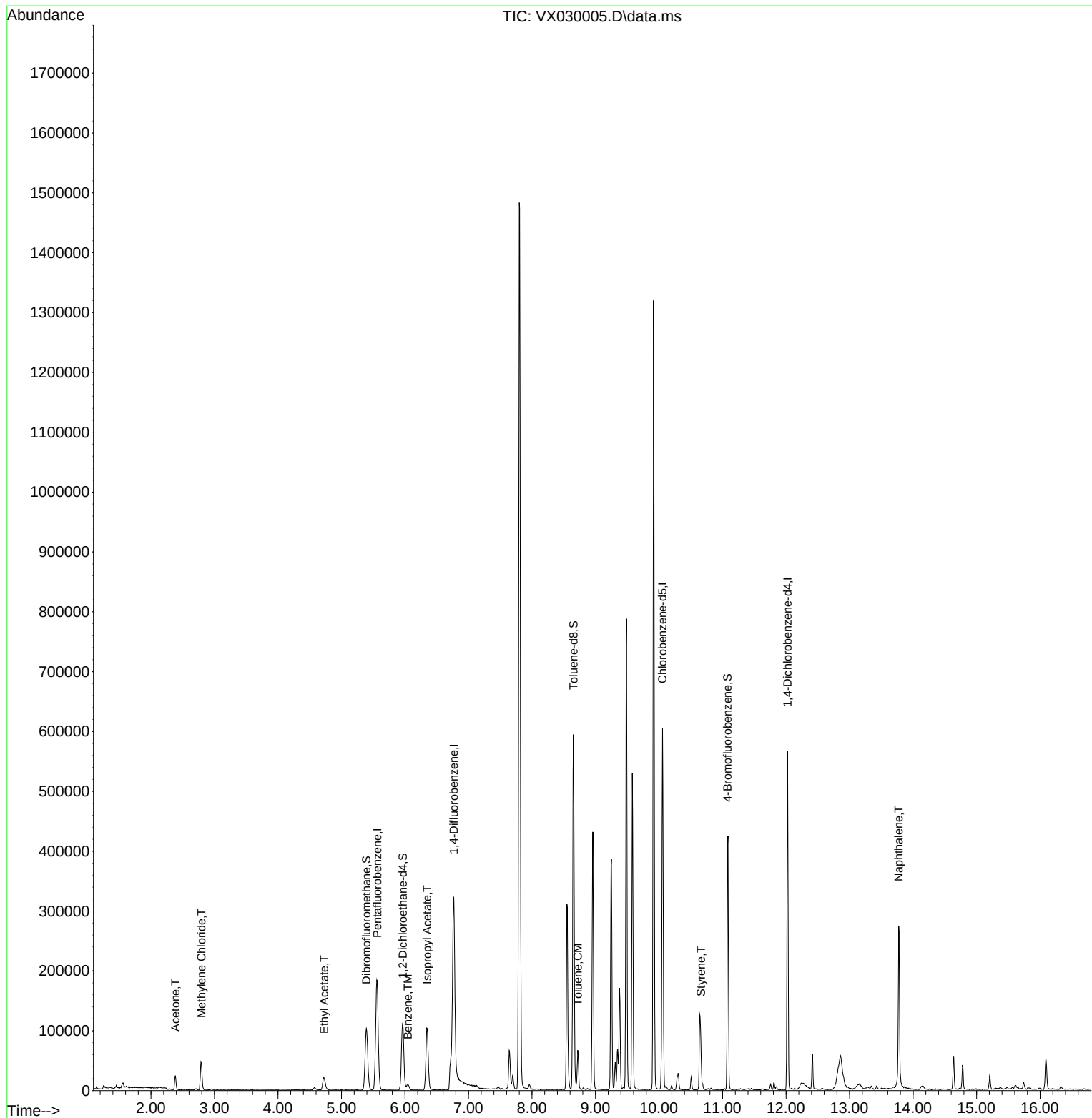
Internal Standards						
1) Pentafluorobenzene	5.562	168	185796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	317541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101229	43.042	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.080%
35) Dibromofluoromethane	5.391	113	93045	46.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.653	98	361292	48.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	120681	45.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23829	20.710	ug/l	92
20) Methylene Chloride	2.794	84	21994	9.051	ug/l	93
37) Ethyl Acetate	4.727	43	37012	10.253	ug/l	100
40) Benzene	6.044	78	11333	1.328	ug/l	98
43) Isopropyl Acetate	6.348	43	144853	26.648	ug/l	99
52) Toluene	8.720	92	23823	4.626	ug/l	99
70) Styrene	10.659	104	25877	4.182	ug/l	91
95) Naphthalene	13.774	128	210075	21.853	ug/l	99

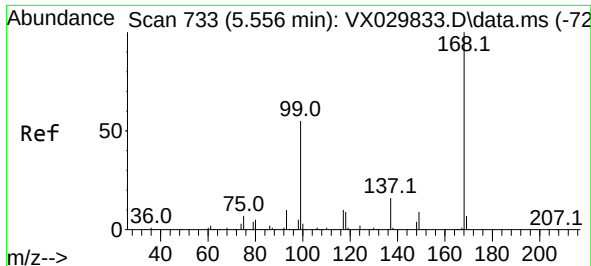
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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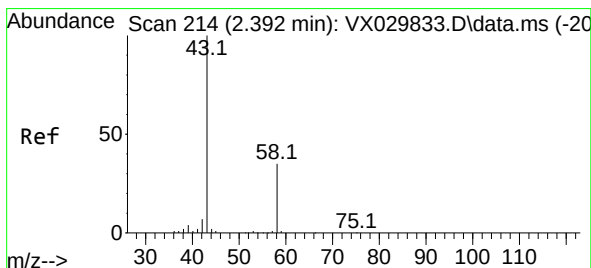
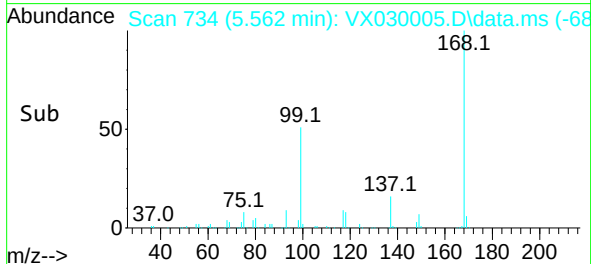
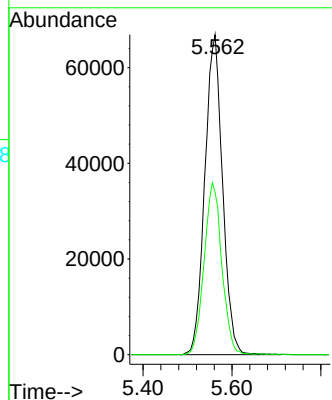
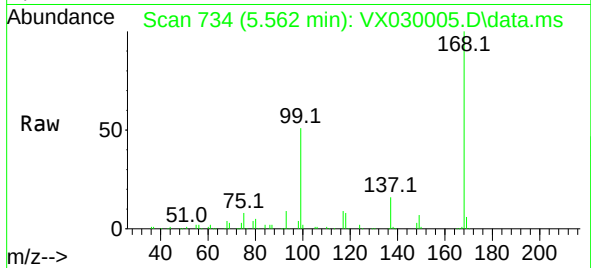




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

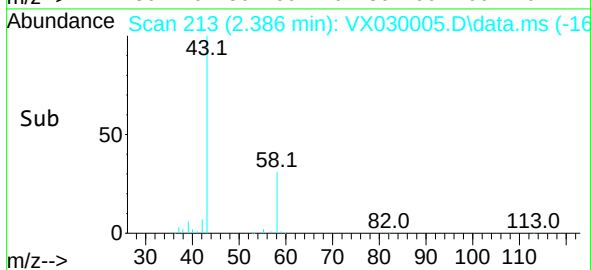
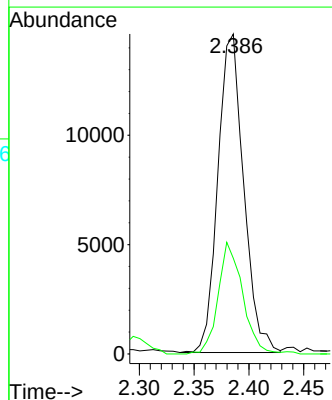
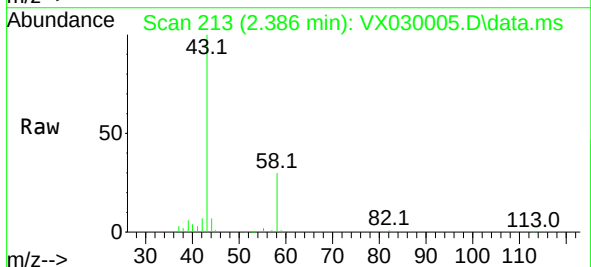
Instrument :
MSVOA_X
ClientSampleId :
CMR-TP1-0708

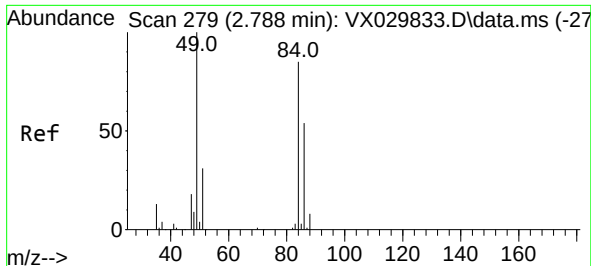
Tgt Ion:168 Resp: 185796
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#16
Acetone
Concen: 20.710 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

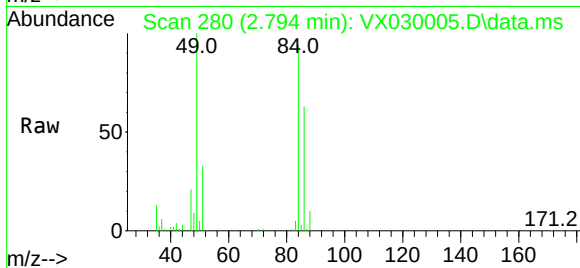
Tgt Ion: 43 Resp: 23829
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5



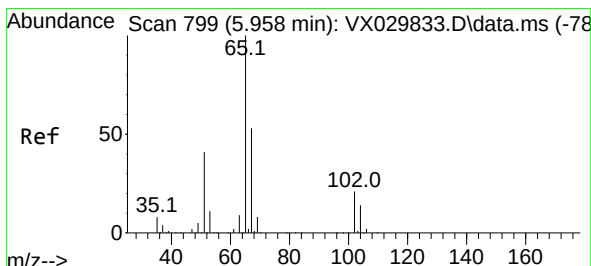
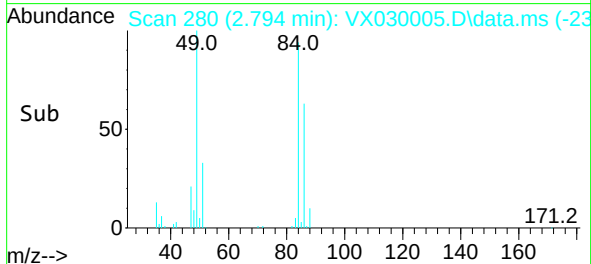
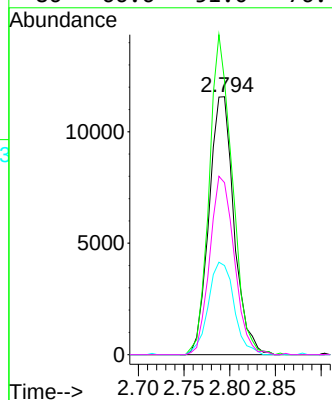


#20
Methylene Chloride
Concen: 9.051 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Instrument :
MSVOA_X
ClientSampleId :
CMR-TP1-0708

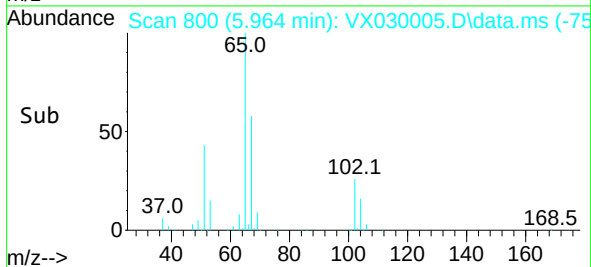
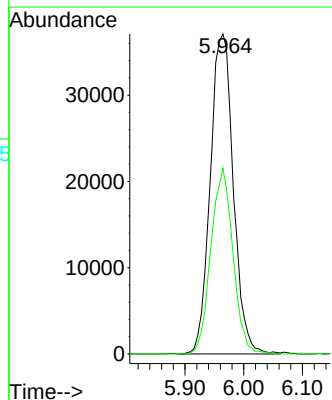
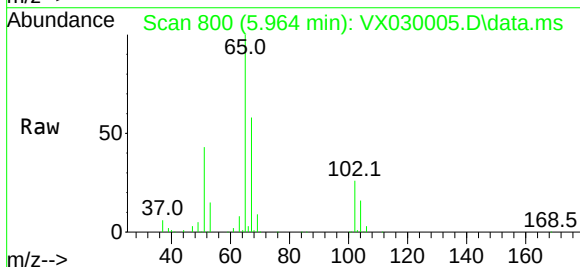


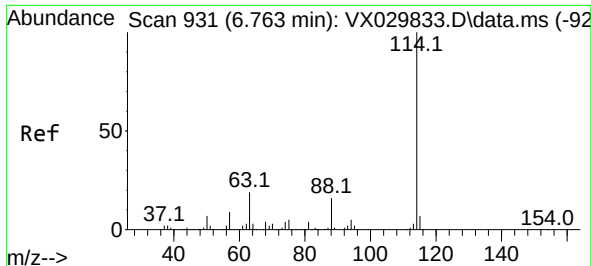
Tgt Ion: 84	Resp: 21994
Ion Ratio	Lower Upper
84 100	
49 106.1	93.8 140.6
51 34.6	29.4 44.0
86 66.6	51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 43.042 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion: 65	Resp: 101229
Ion Ratio	Lower Upper
65 100	
67 55.5	0.0 109.6

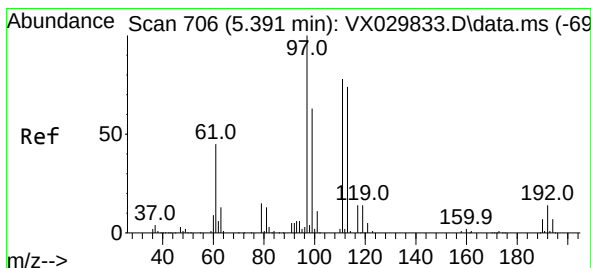
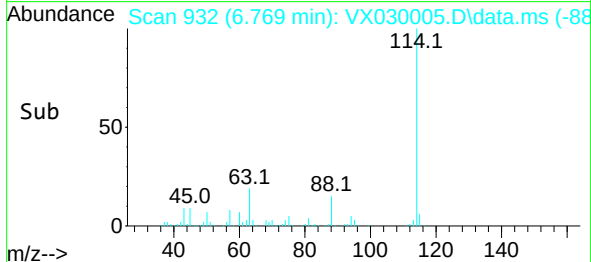
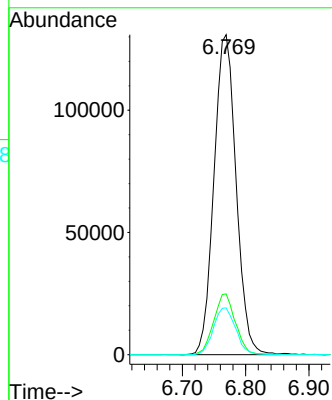
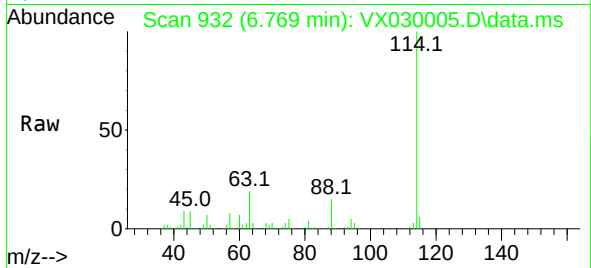




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

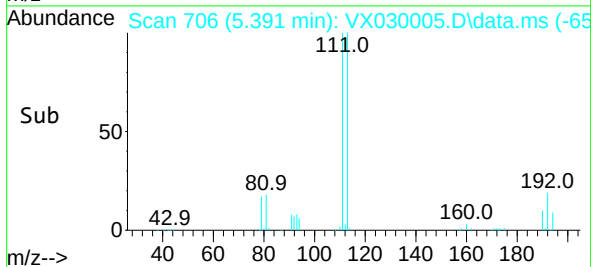
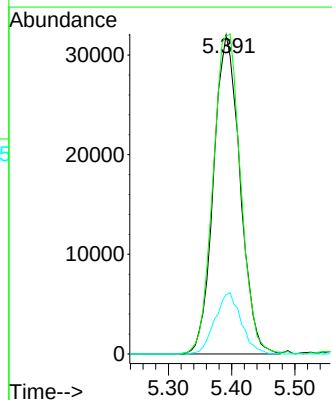
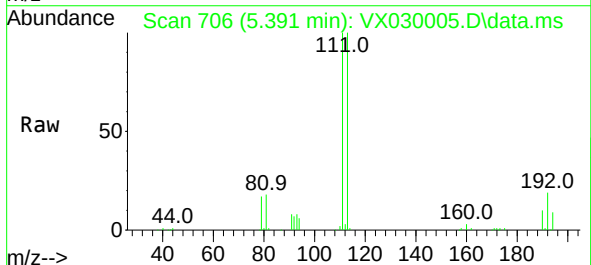
Instrument :
MSVOA_X
ClientSampleId :
CMR-TP1-0708

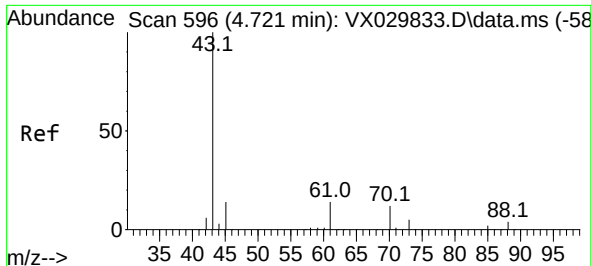
Tgt Ion:114 Resp: 317541
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.887 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion:113 Resp: 93045
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 19.0 14.8 22.2





#37

Ethyl Acetate

Concen: 10.253 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030005.D

Acq: 11 Jul 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

CMR-TP1-0708

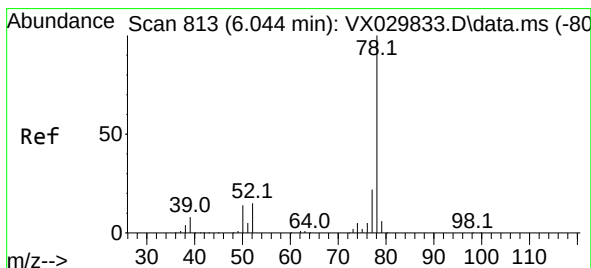
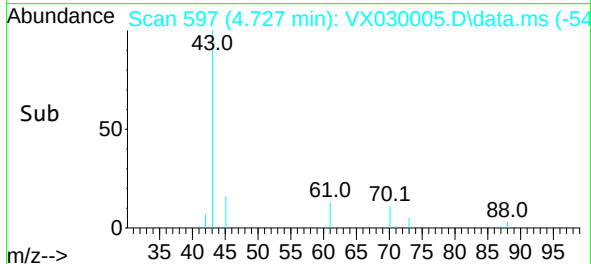
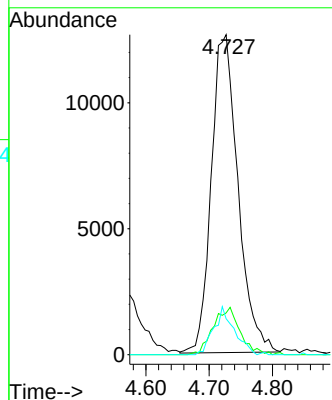
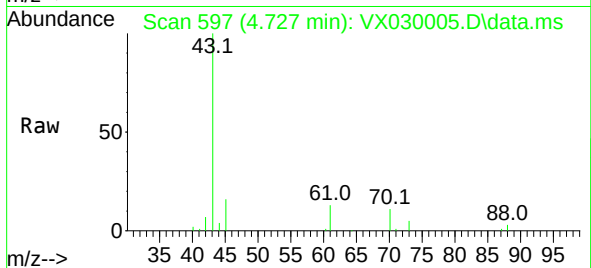
Tgt Ion: 43 Resp: 37012

Ion Ratio Lower Upper

43 100

61 14.9 11.7 17.5

70 11.6 9.3 13.9



#40

Benzene

Concen: 1.328 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX030005.D

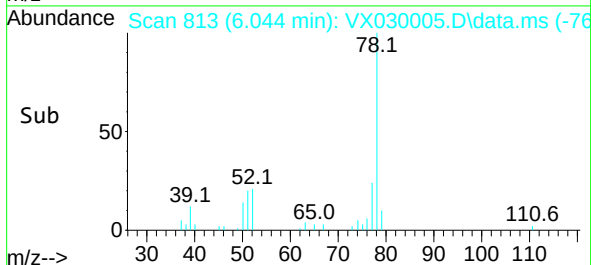
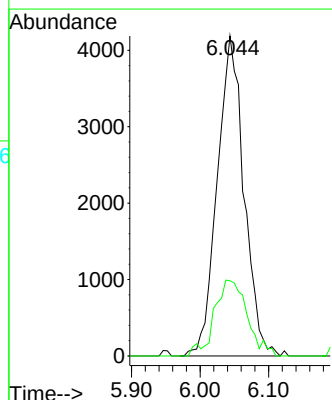
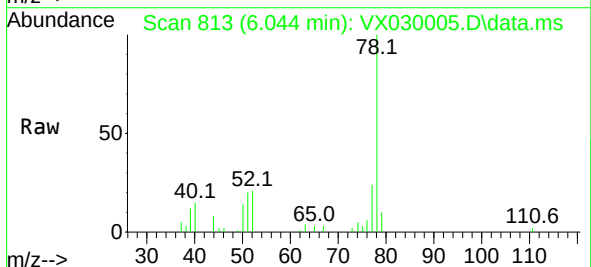
Acq: 11 Jul 2022 18:17

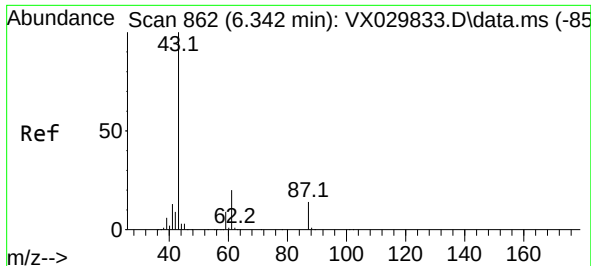
Tgt Ion: 78 Resp: 11333

Ion Ratio Lower Upper

78 100

77 23.5 18.0 27.0

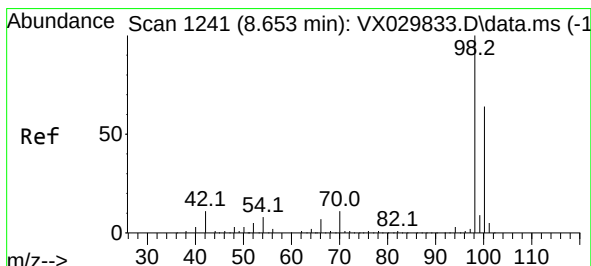
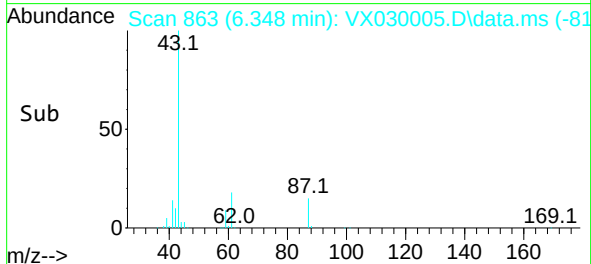
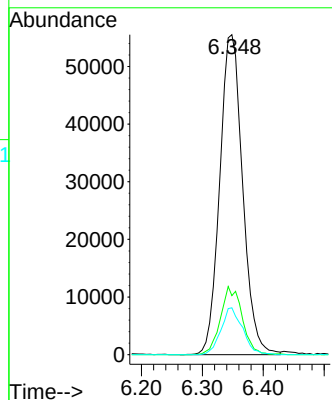
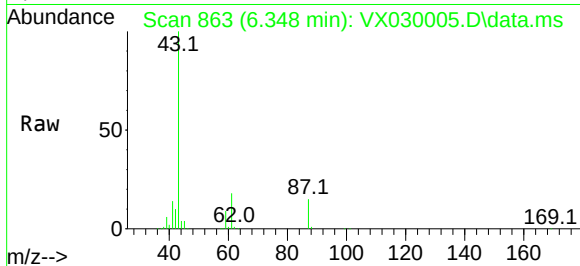




#43
Isopropyl Acetate
Concen: 26.648 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

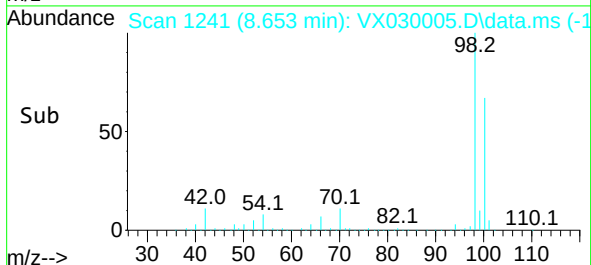
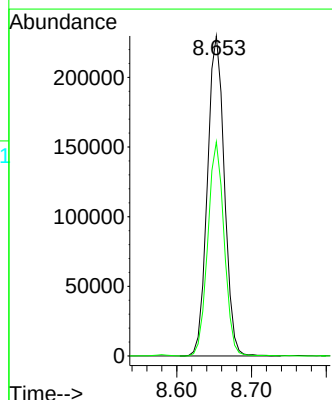
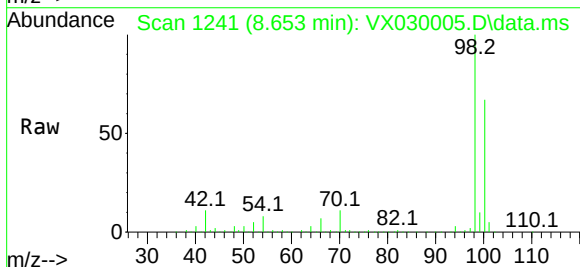
Instrument :
MSVOA_X
ClientSampleId :
CMR-TP1-0708

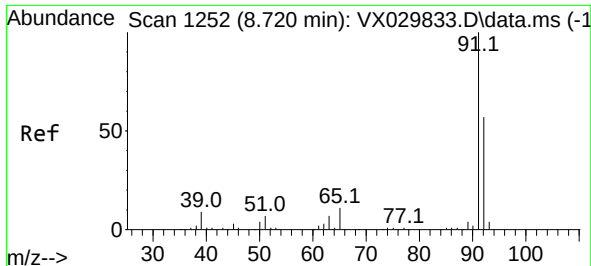
Tgt Ion: 43 Resp: 144853
Ion Ratio Lower Upper
43 100
61 20.2 16.5 24.7
87 13.8 11.1 16.7



#50
Toluene-d8
Concen: 48.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion: 98 Resp: 361292
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

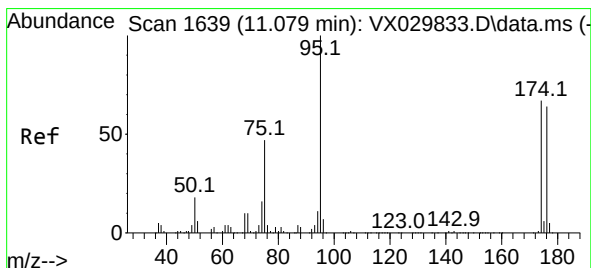
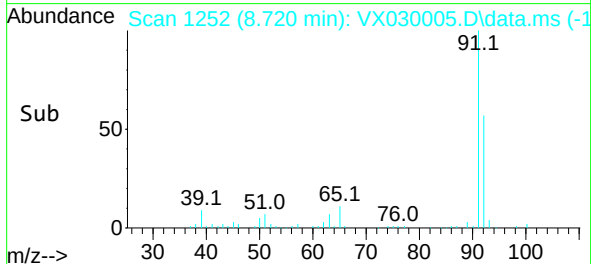
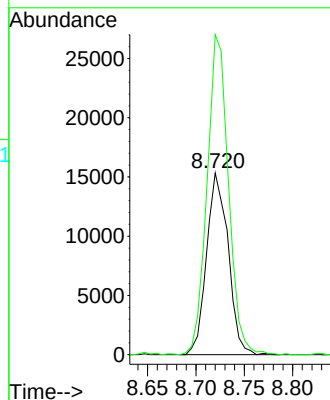
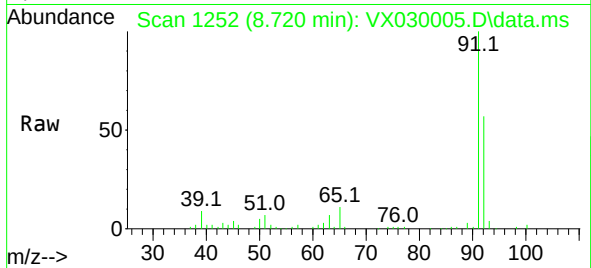




#52
Toluene
Concen: 4.626 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

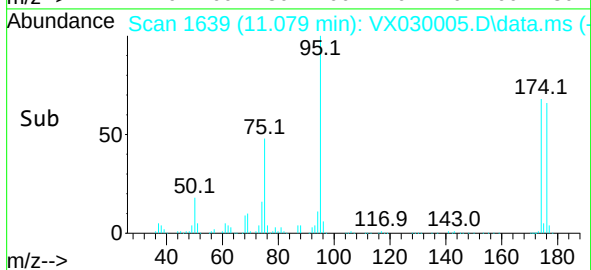
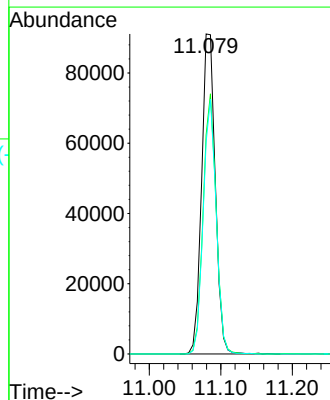
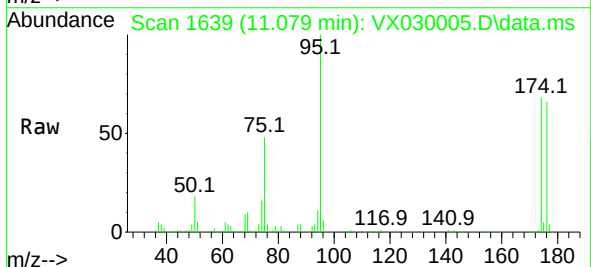
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ClientSampleId :
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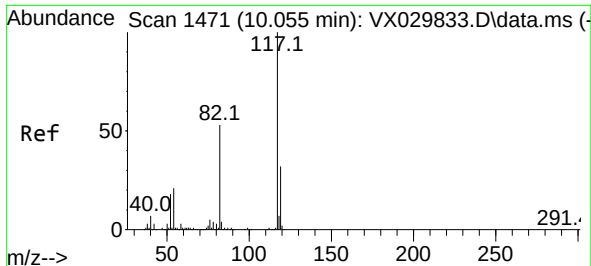
Tgt Ion: 92 Resp: 23823
Ion Ratio Lower Upper
92 100
91 175.1 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion: 95 Resp: 120681
Ion Ratio Lower Upper
95 100
174 77.5 0.0 149.0
176 75.5 0.0 146.0

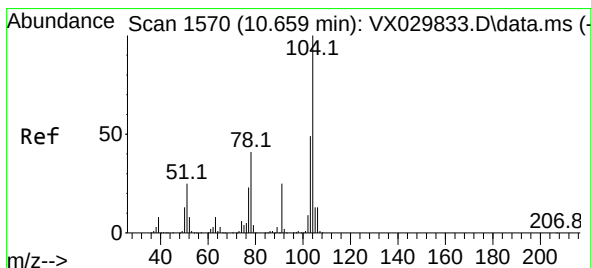
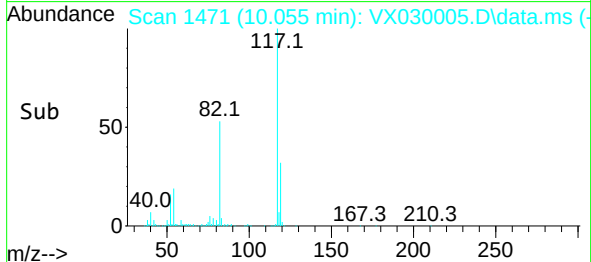
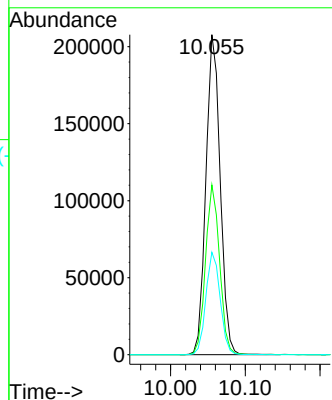
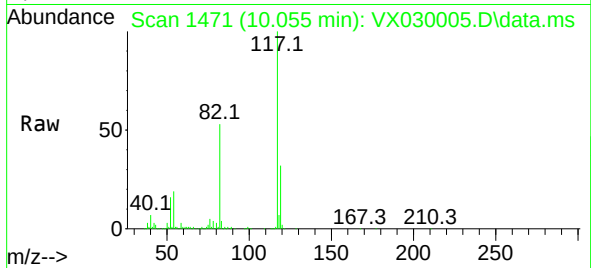




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

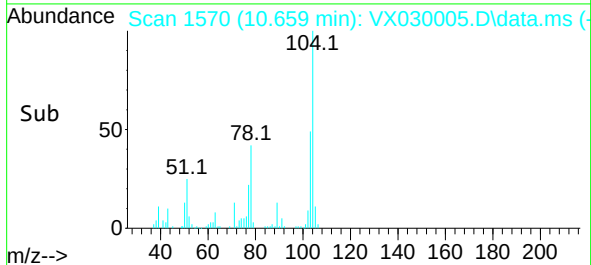
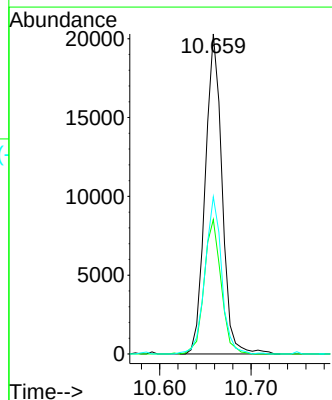
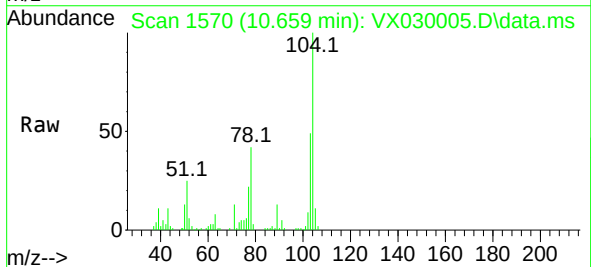
Instrument :
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CMR-TP1-0708

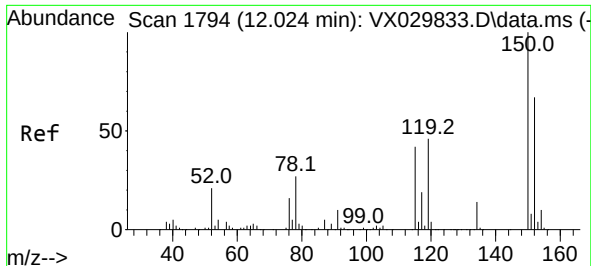
Tgt Ion:117 Resp: 275998
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 32.0 25.4 38.2



#70
Styrene
Concen: 4.182 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion:104 Resp: 25877
Ion Ratio Lower Upper
104 100
78 42.4 37.8 56.8
103 48.6 44.5 66.7

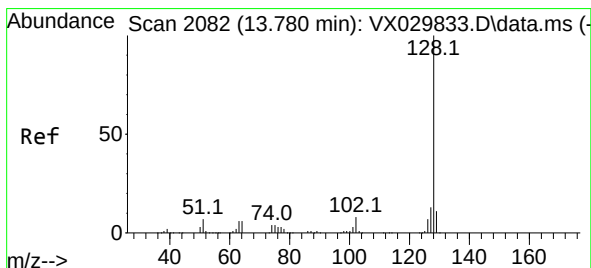
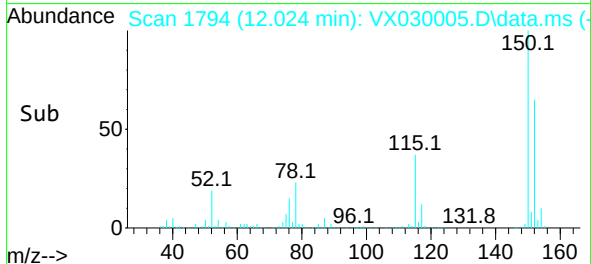
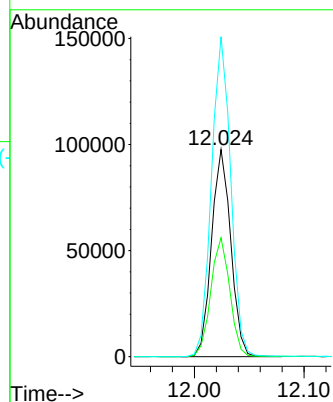
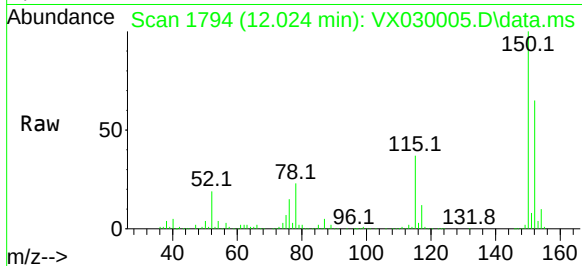




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 119023
Delta R.T. 0.000 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Instrument :
MSVOA_X
ClientSampleId :
CMR-TP1-0708

Tgt Ion:152 Resp: 119023
Ion Ratio Lower Upper
152 100
115 56.8 40.5 121.5
150 154.7 0.0 347.0



#95
Naphthalene
Concen: 21.853 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX030005.D
Acq: 11 Jul 2022 18:17

Tgt Ion:128 Resp: 210075
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.8 8.6 13.0

