

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029867.D
 Acq On : 29 Jun 2022 17:17
 Operator : JC/MD
 Sample : N3485-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220623

Quant Time: Jun 29 23:00:40 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)

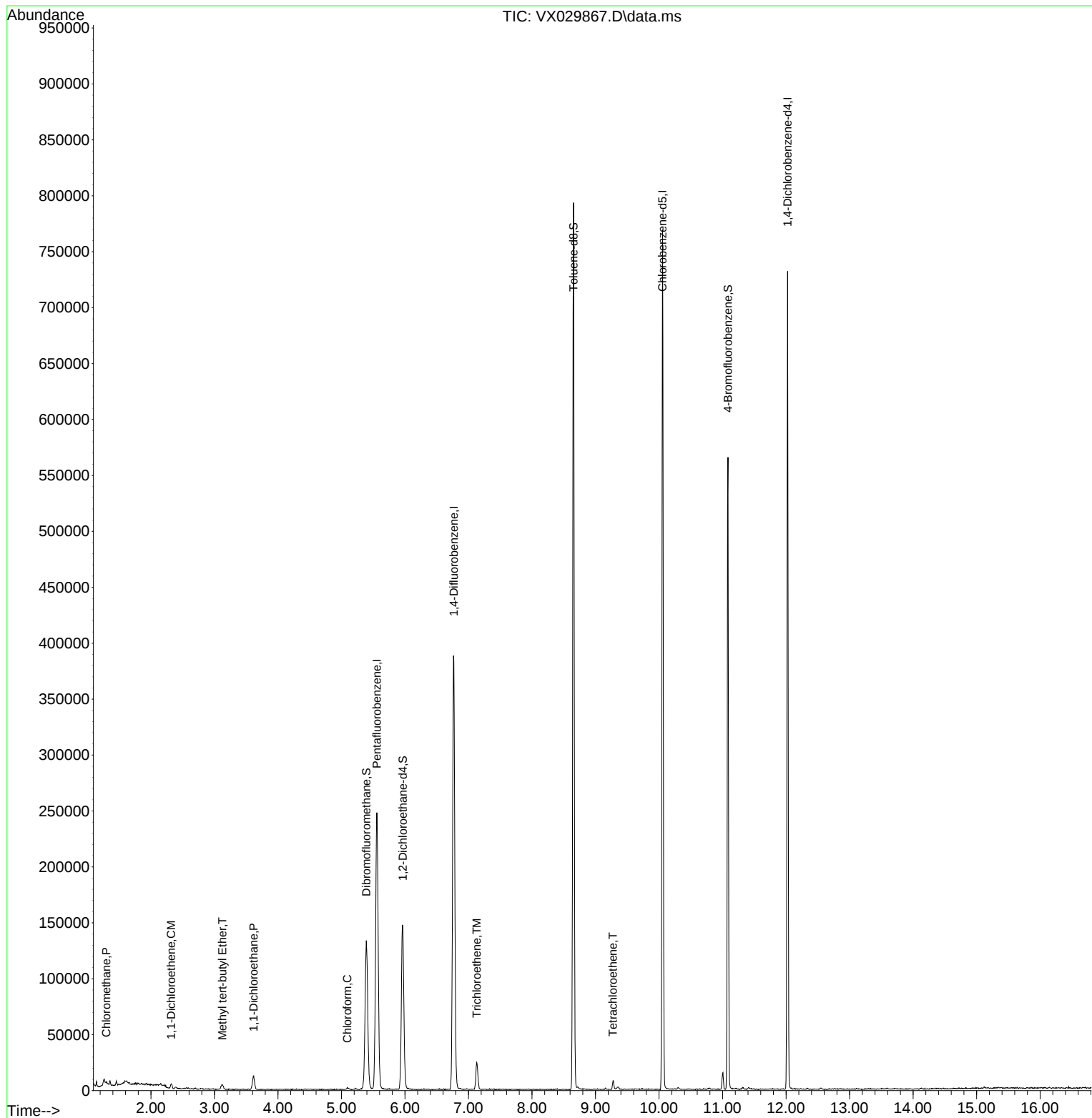
Internal Standards						
1) Pentafluorobenzene	5.556	168	245045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	422471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132682	42.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.560%
35) Dibromofluoromethane	5.391	113	118126	44.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	8.653	98	476802	48.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	11.085	95	157701	45.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	615	0.223	ug/l #	79
12) 1,1-Dichloroethene	2.319	96	1484	0.588	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	4597	0.540	ug/l #	87
24) 1,1-Dichloroethane	3.617	63	12932	2.605	ug/l	97
30) Chloroform	5.092	83	1588	0.326	ug/l	86
44) Trichloroethene	7.129	130	9891	3.235	ug/l	94
64) Tetrachloroethene	9.275	164	902	0.423	ug/l #	70

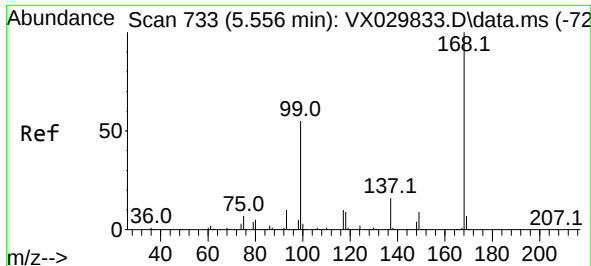
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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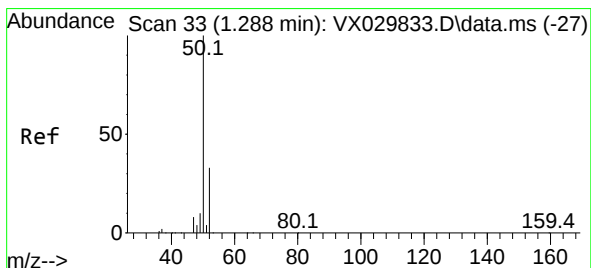
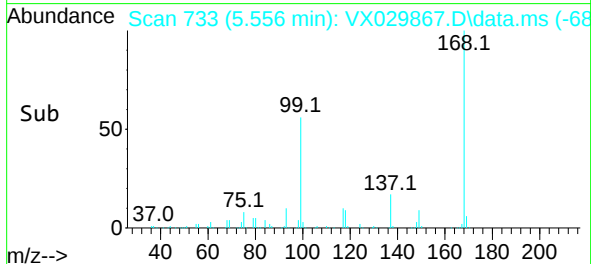
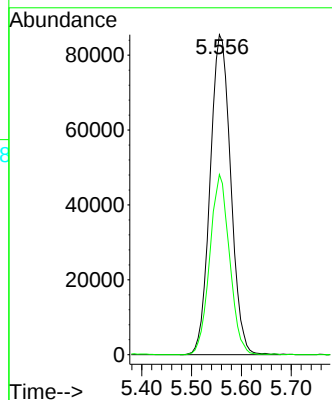
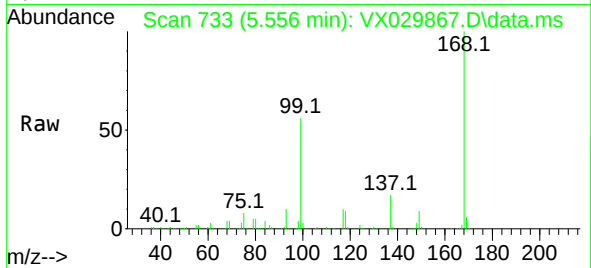




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

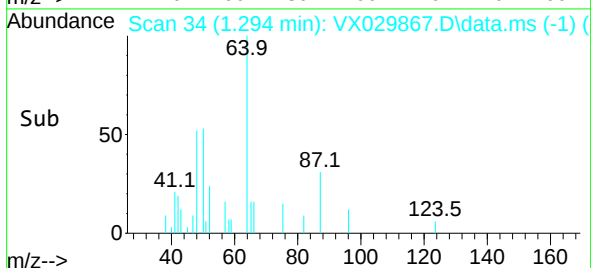
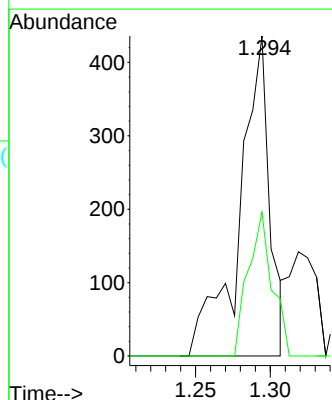
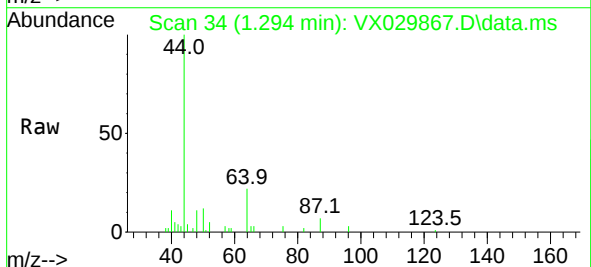
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220623

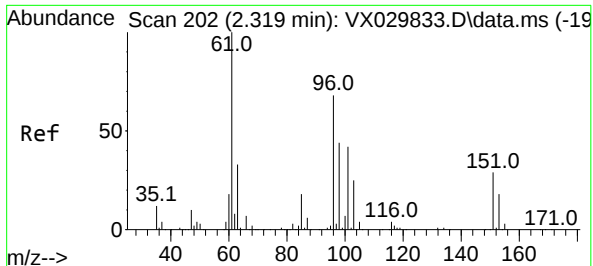
Tgt Ion:168 Resp: 245045
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 45.0 26.3 39.5





#12

1,1-Dichloroethene

Concen: 0.588 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029867.D

Acq: 29 Jun 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20220623

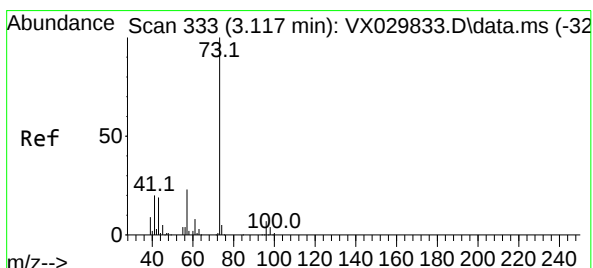
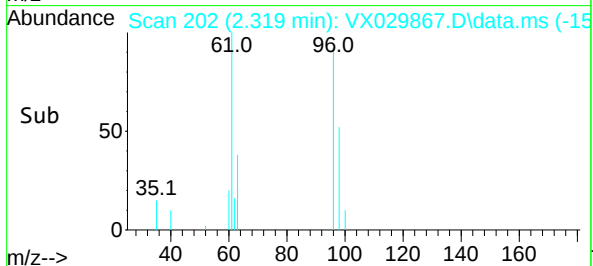
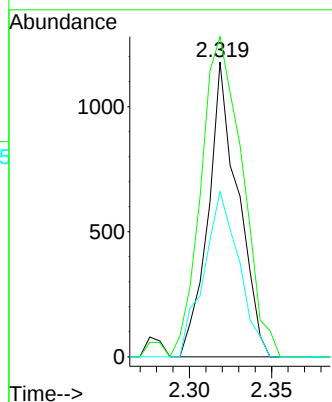
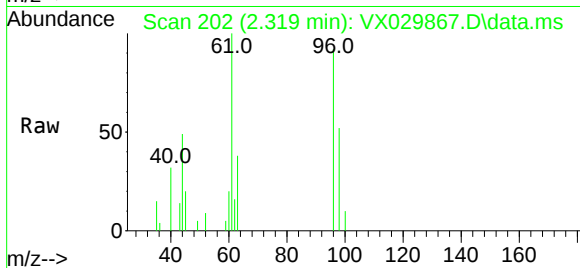
Tgt Ion: 96 Resp: 1484

Ion Ratio Lower Upper

96 100

61 108.6 117.4 176.0#

98 56.1 52.2 78.4



#19

Methyl tert-butyl Ether

Concen: 0.540 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX029867.D

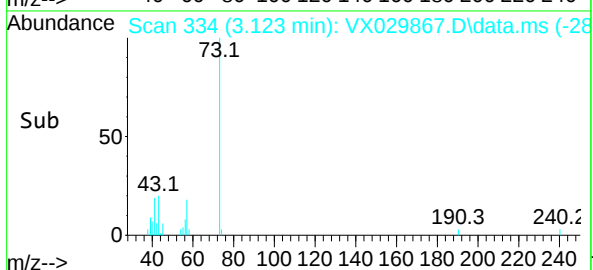
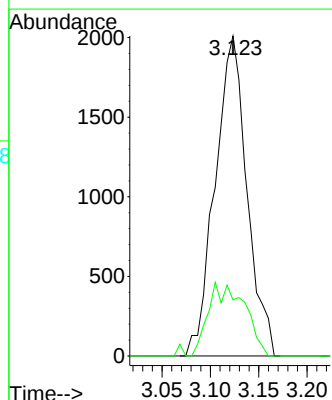
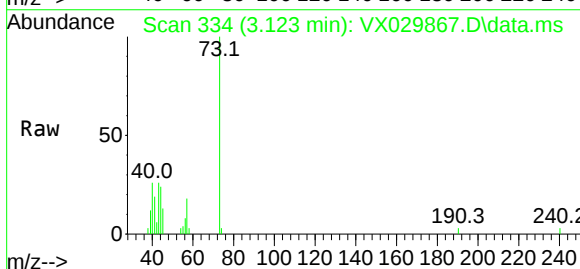
Acq: 29 Jun 2022 17:17

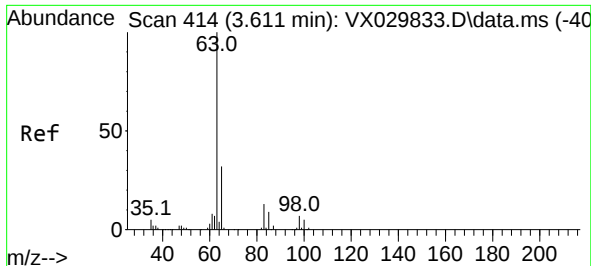
Tgt Ion: 73 Resp: 4597

Ion Ratio Lower Upper

73 100

57 17.6 19.0 28.6#

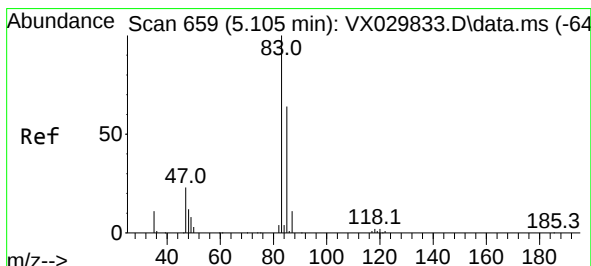
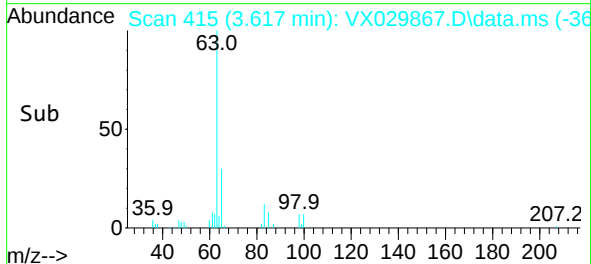
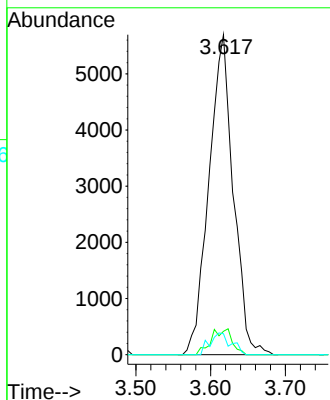
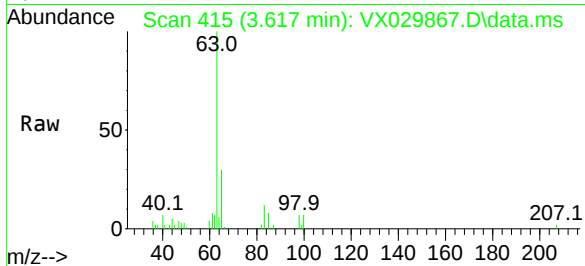




#24
1,1-Dichloroethane
Concen: 2.605 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

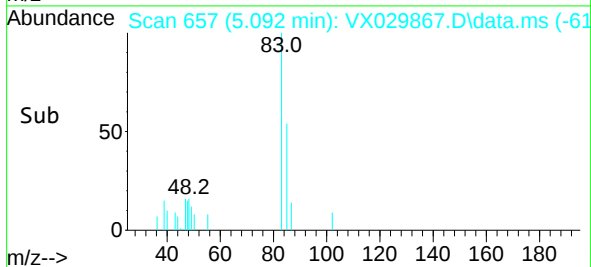
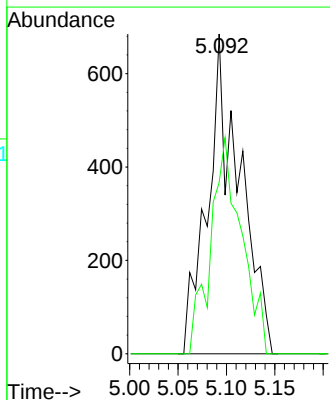
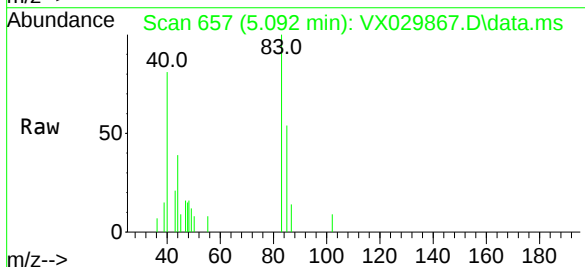
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220623

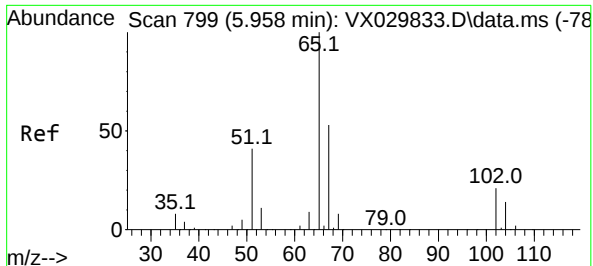
Tgt Ion: 63 Resp: 12932
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.5
100 6.5 2.3 6.9



#30
Chloroform
Concen: 0.326 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

Tgt Ion: 83 Resp: 1588
Ion Ratio Lower Upper
83 100
85 53.6 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 42.775 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029867.D

Acq: 29 Jun 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

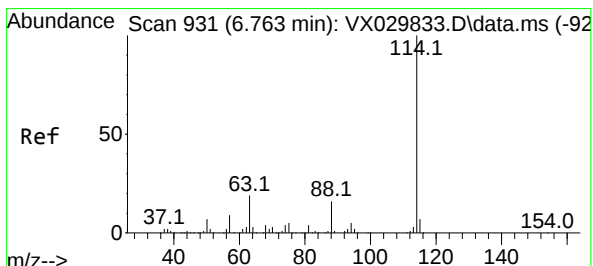
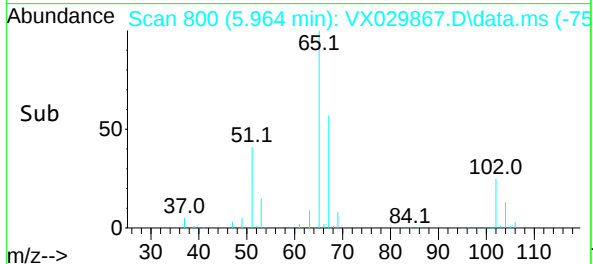
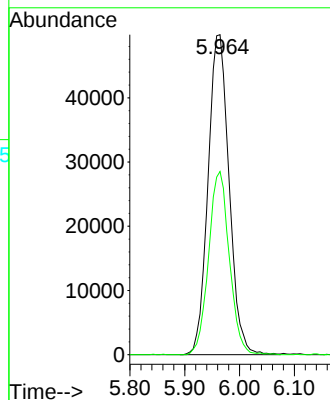
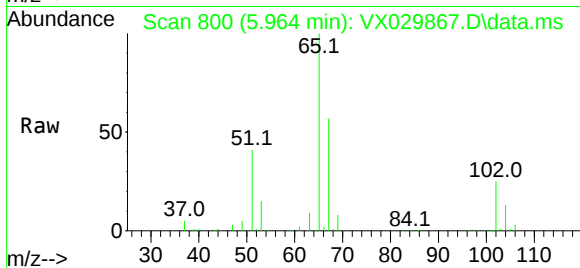
TT161S1-20220623

Tgt Ion: 65 Resp: 132682

Ion Ratio Lower Upper

65 100

67 56.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029867.D

Acq: 29 Jun 2022 17:17

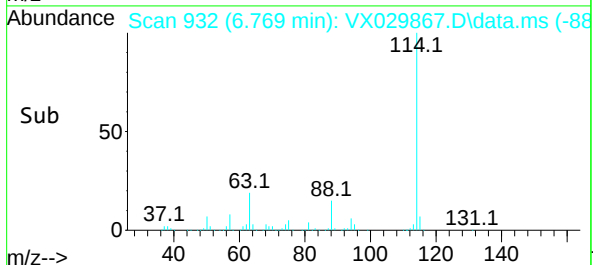
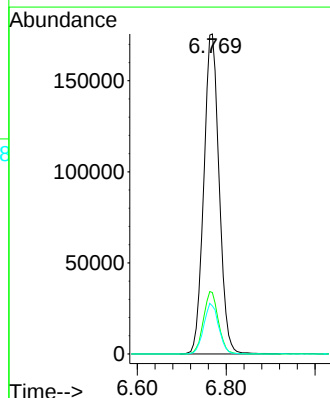
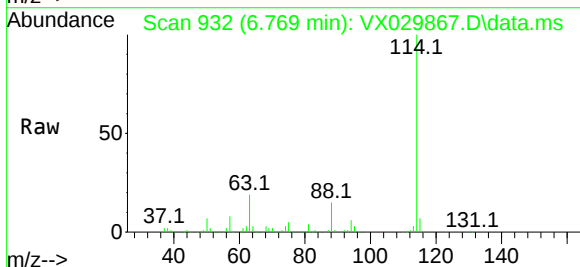
Tgt Ion: 114 Resp: 422471

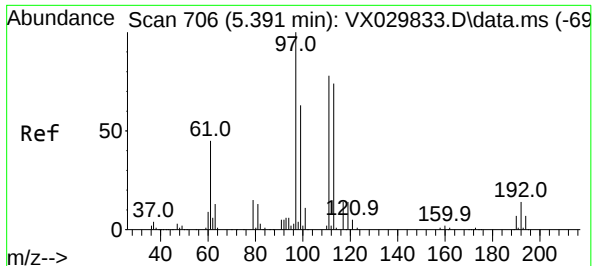
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

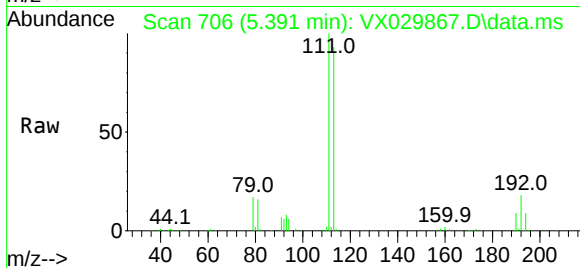
88 15.0 0.0 31.8



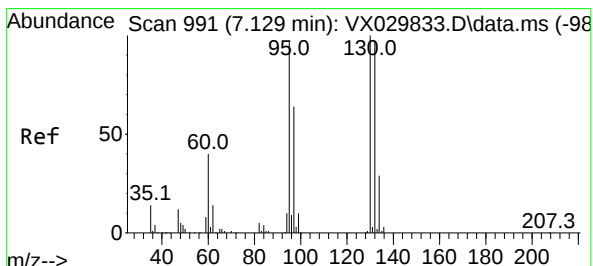
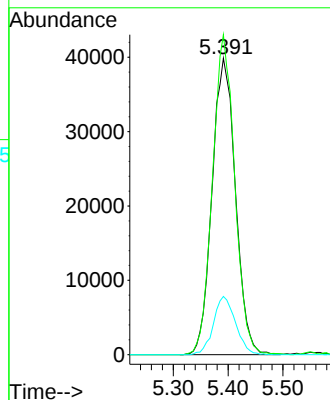
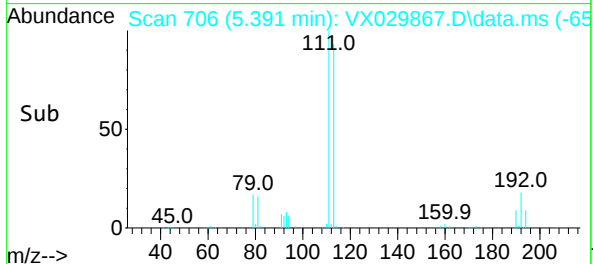


#35
Dibromofluoromethane
Concen: 44.741 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

Instrument :
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ClientSampleId :
TT161S1-20220623

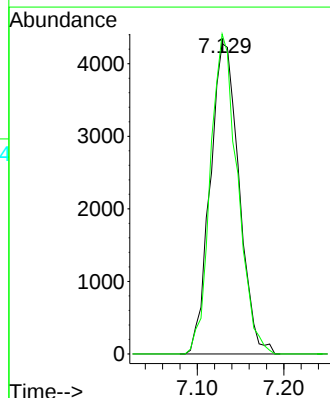
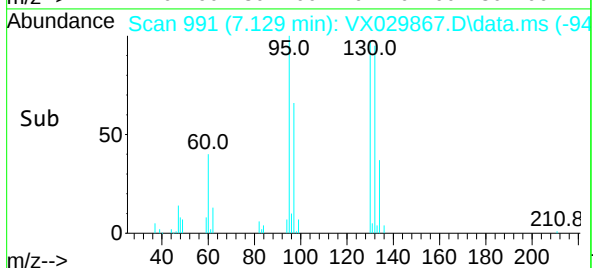
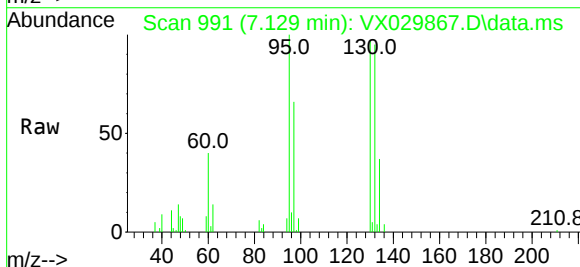


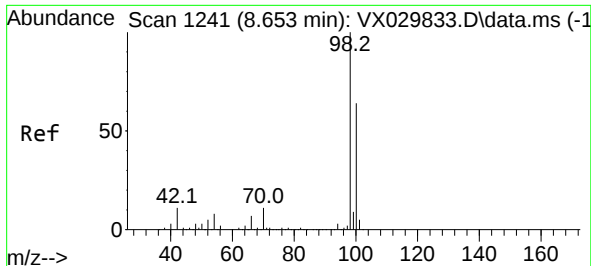
Tgt Ion:113 Resp: 118126
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.6 14.8 22.2



#44
Trichloroethene
Concen: 3.235 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

Tgt Ion:130 Resp: 9891
Ion Ratio Lower Upper
130 100
95 103.1 0.0 194.8

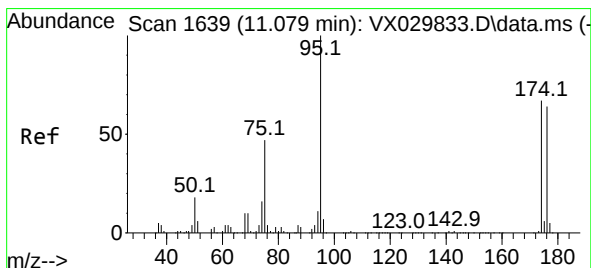
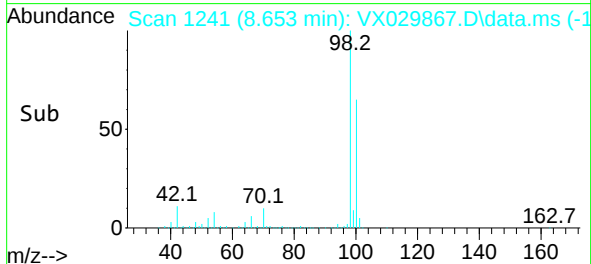
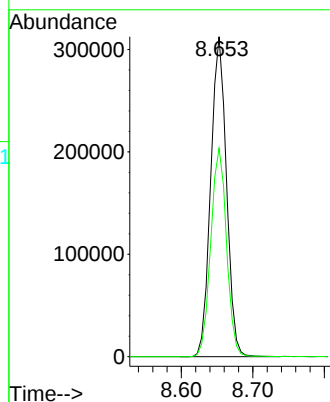
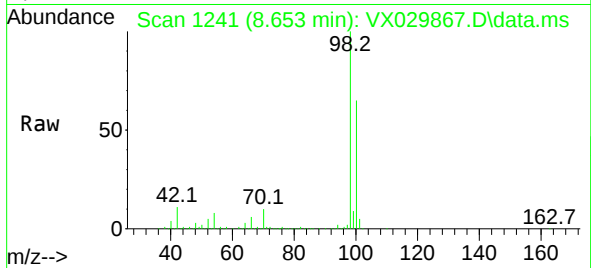




#50
Toluene-d8
Concen: 48.139 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

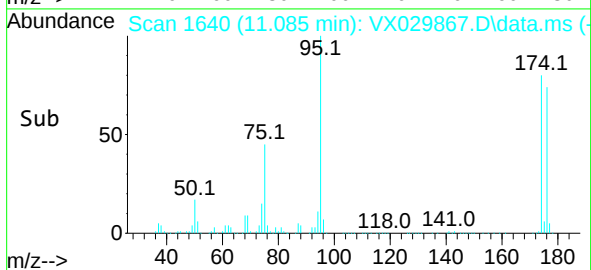
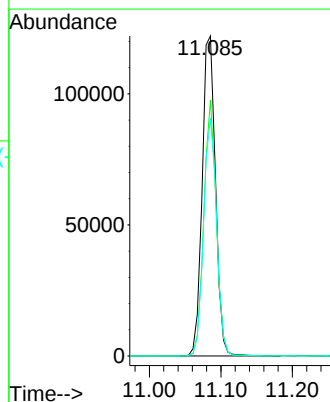
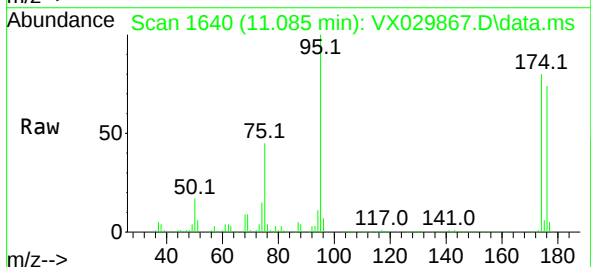
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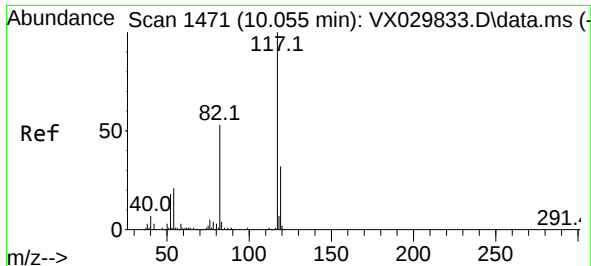
Tgt Ion: 98 Resp: 476802
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.042 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

Tgt Ion: 95 Resp: 157701
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 72.9 0.0 146.0

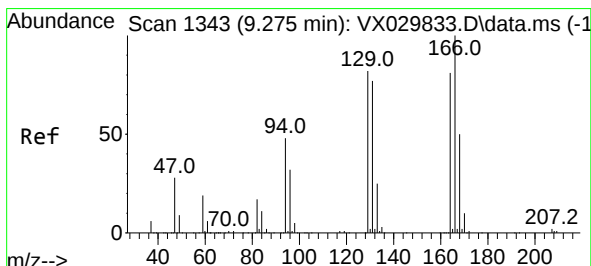
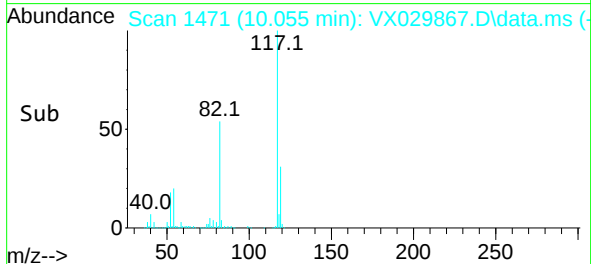
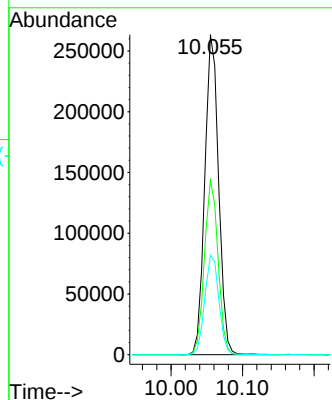
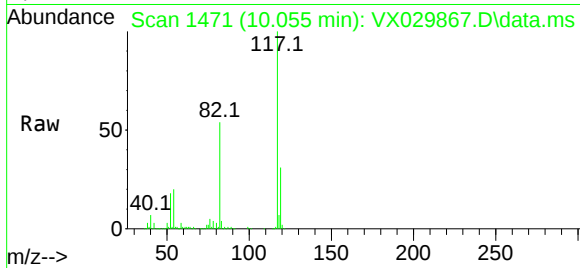




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

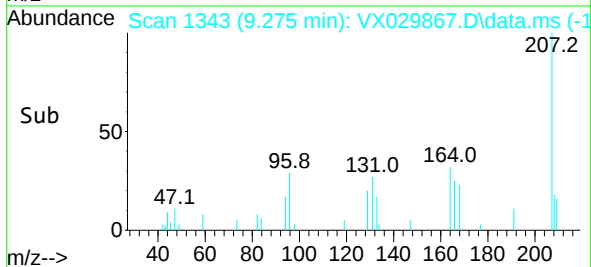
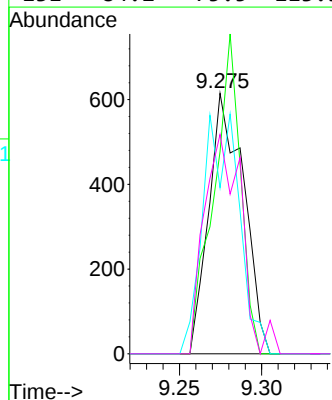
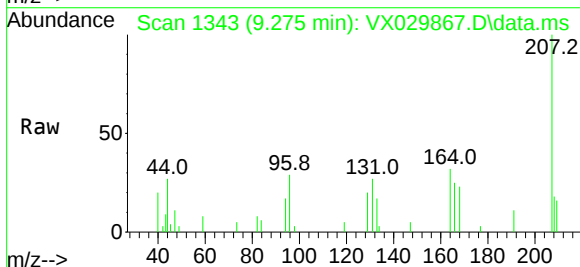
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220623

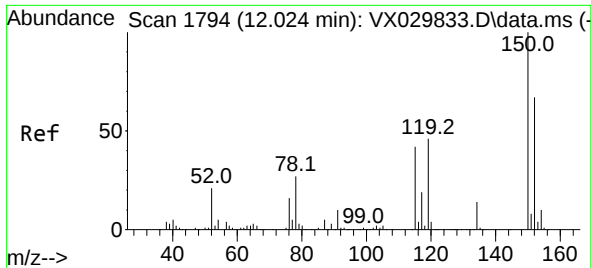
Tgt Ion:117 Resp: 353620
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.423 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029867.D
Acq: 29 Jun 2022 17:17

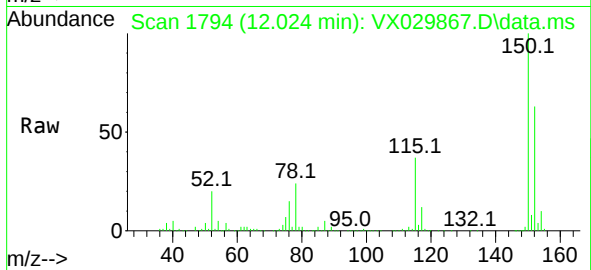
Tgt Ion:164 Resp: 902
Ion Ratio Lower Upper
164 100
166 77.6 98.2 147.4#
129 63.7 80.8 121.2#
131 84.2 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029867.D
 Acq: 29 Jun 2022 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220623



Tgt Ion:152 Resp: 151124
 Ion Ratio Lower Upper
 152 100
 115 58.1 40.5 121.5
 150 155.5 0.0 347.0

