

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029628.D
 Acq On : 20 Jun 2022 17:13
 Operator : JC/MD
 Sample : N3166-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601

Quant Time: Jun 21 01:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

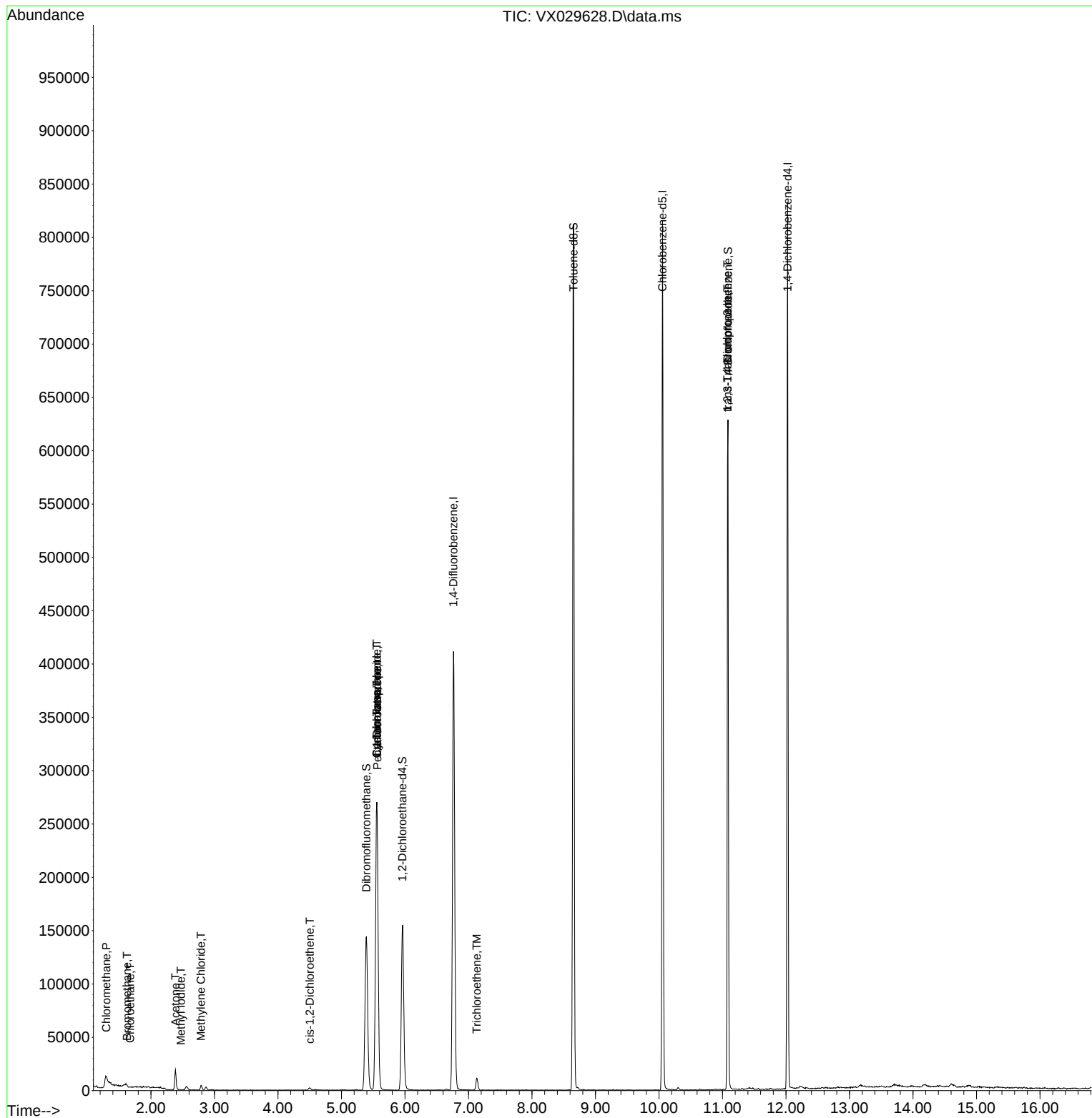
Internal Standards						
1) Pentafluorobenzene	5.562	168	261004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149304	43.214	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.420%
35) Dibromofluoromethane	5.391	113	130630	45.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	8.653	98	504549	47.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.085	95	180675	45.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1276	0.375	ug/l	94
5) Bromomethane	1.624	94	544	0.340	ug/l #	55
6) Chloroethane	1.673	64	27	1.304	ug/l #	43
10) Methyl Iodide	2.471	142	410	3.141	ug/l #	69
11) Tert butyl alcohol	2.959	59	406	Below Cal	#	72
16) Acetone	2.386	43	18964	13.771	ug/l	97
20) Methylene Chloride	2.788	84	2322	0.757	ug/l	86
27) cis-1,2-Dichloroethene	4.501	96	1473	0.436	ug/l	91
31) Cyclohexane	5.556	56	4868	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19707	5.033	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27092	7.036	ug/l #	17
44) Trichloroethene	7.129	130	4674	0.298	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	86453	23.092	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86453	76.820	ug/l #	15

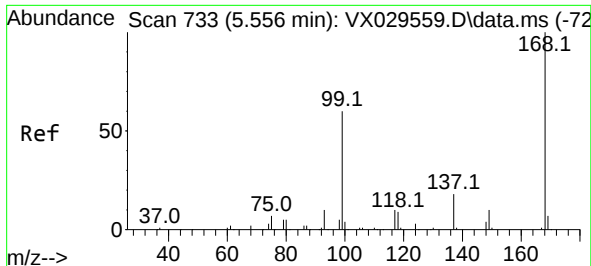
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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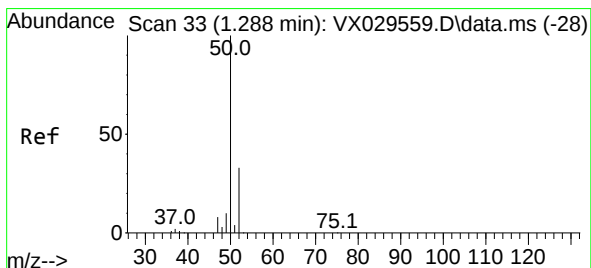
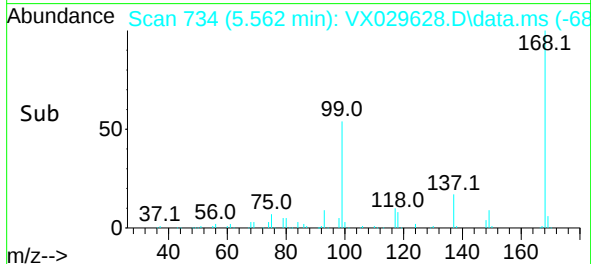
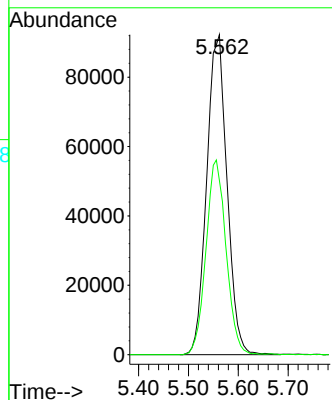
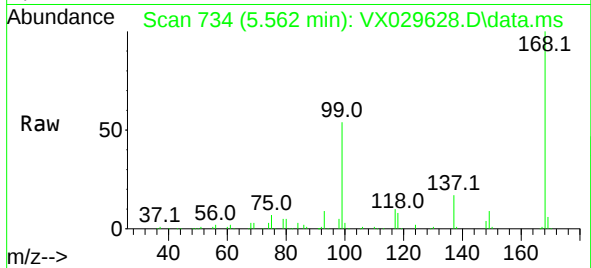




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

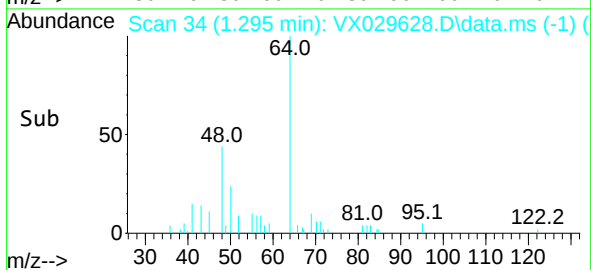
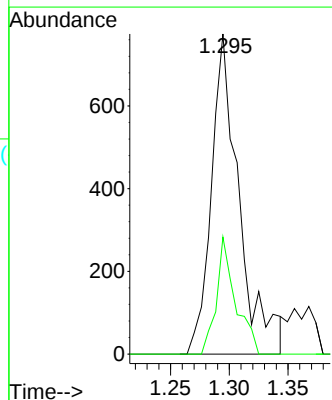
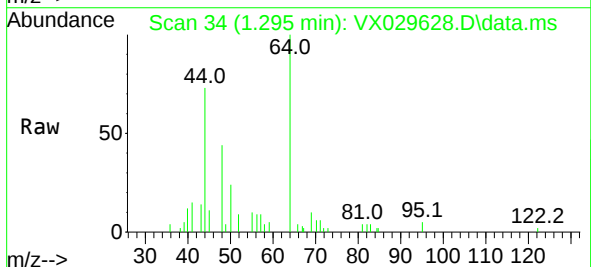
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

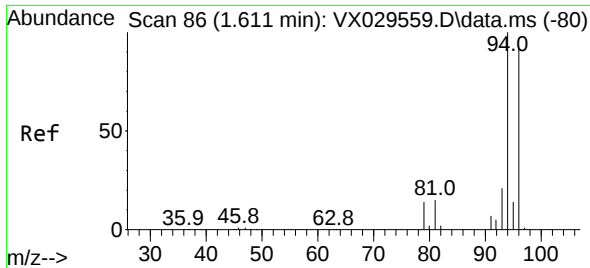
Tgt Ion:168 Resp: 261004
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion: 50 Resp: 1276
Ion Ratio Lower Upper
50 100
52 36.6 26.4 39.6

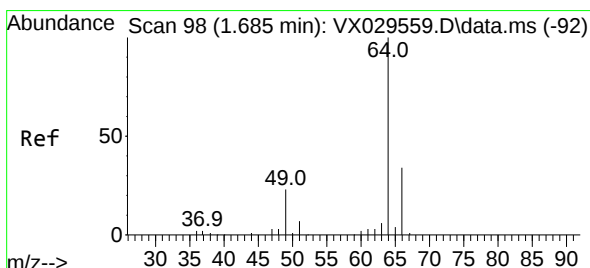
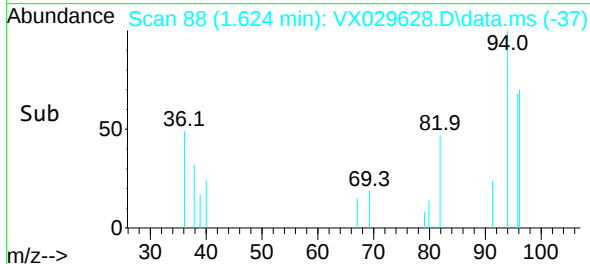
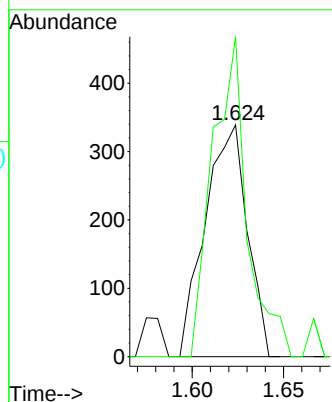
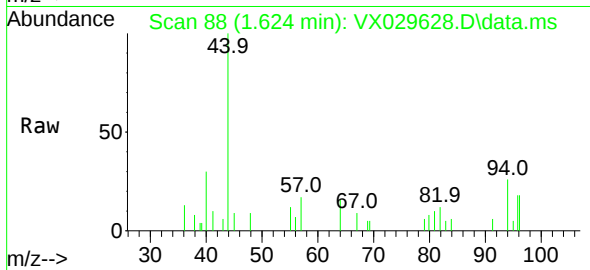




#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

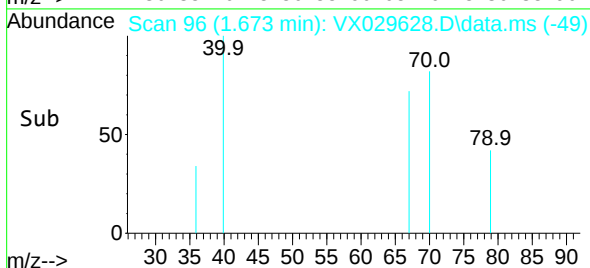
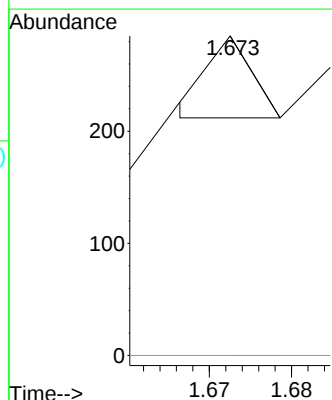
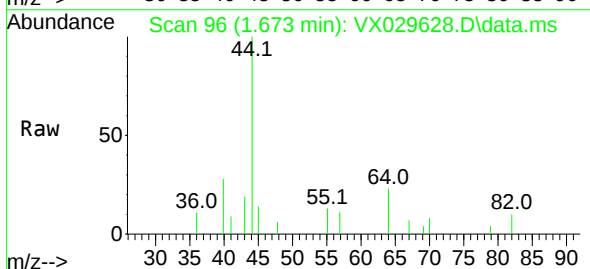
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

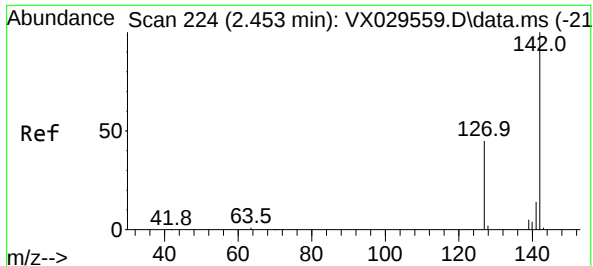
Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 138.1 75.3 112.9#



#6
Chloroethane
Concen: 1.304 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

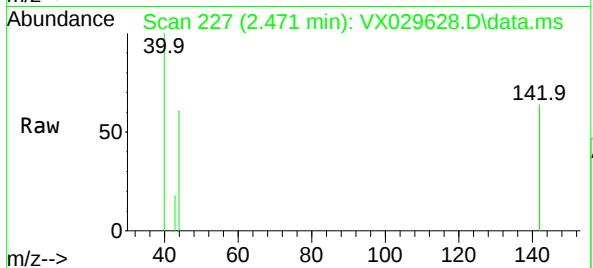
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



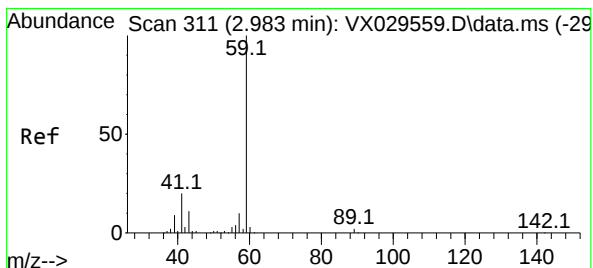
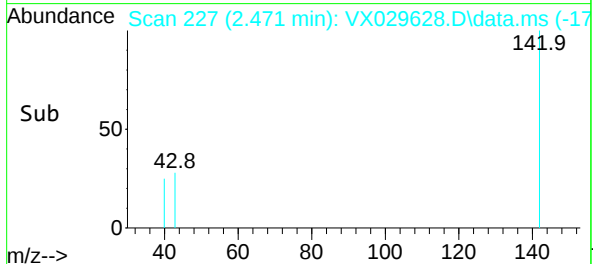
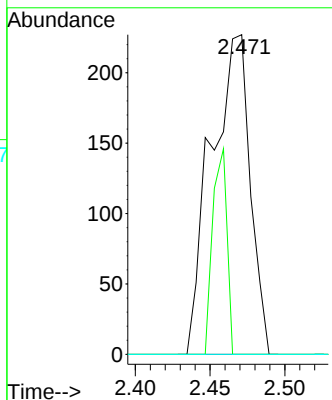


#10
Methyl Iodide
Concen: 3.141 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

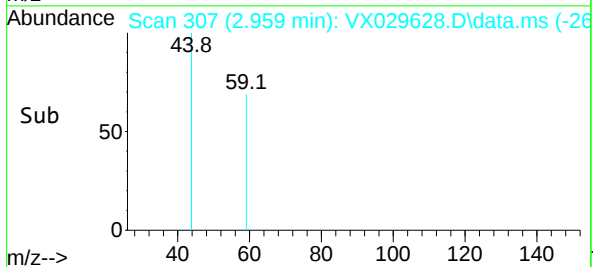
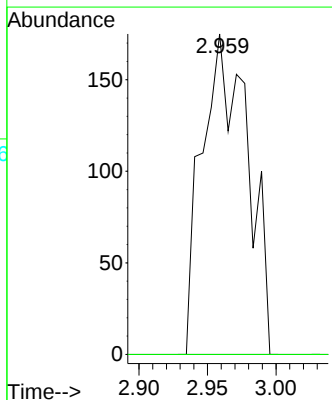
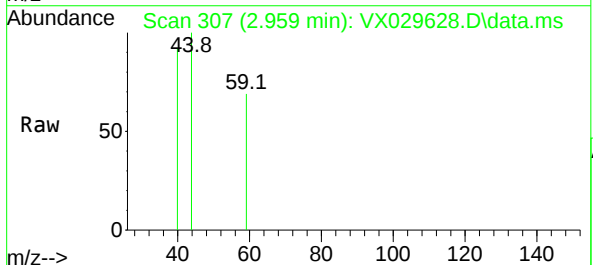


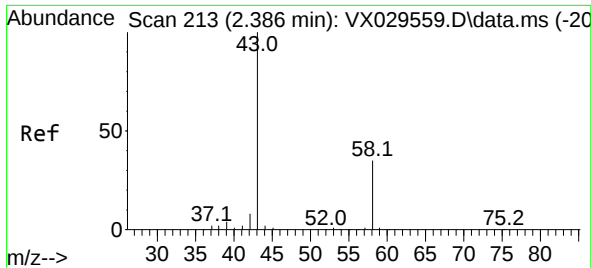
Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 23.7 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

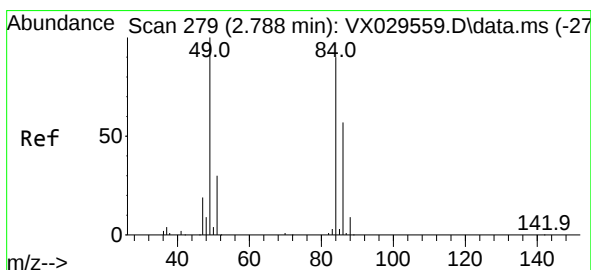
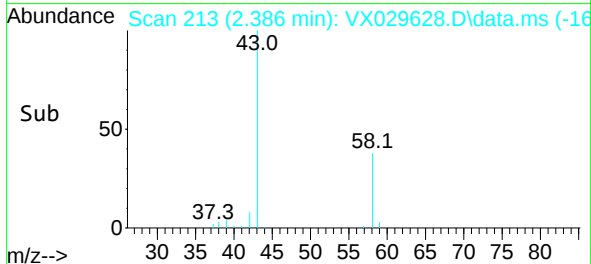
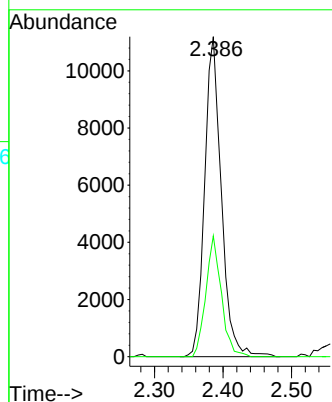
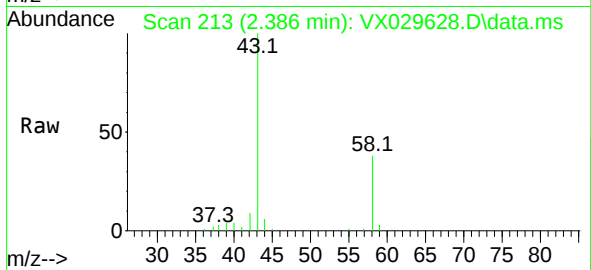




#16
Acetone
Concen: 13.771 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

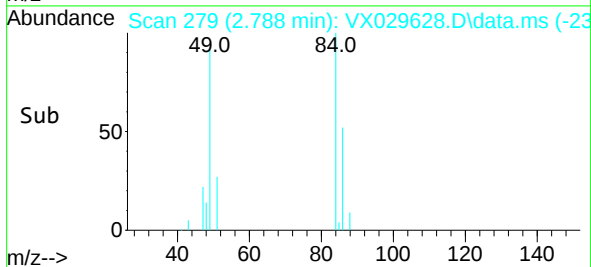
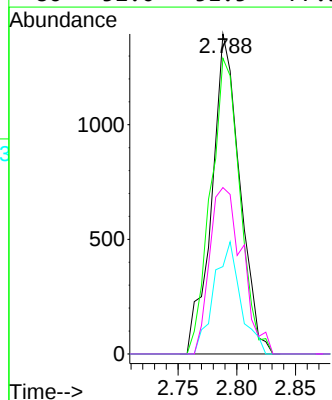
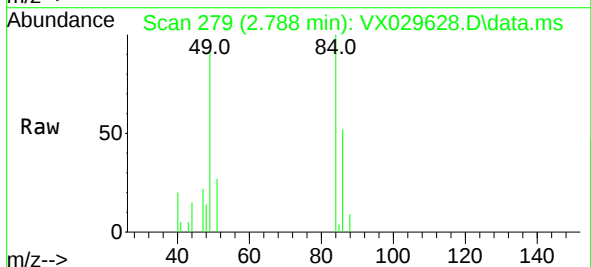
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

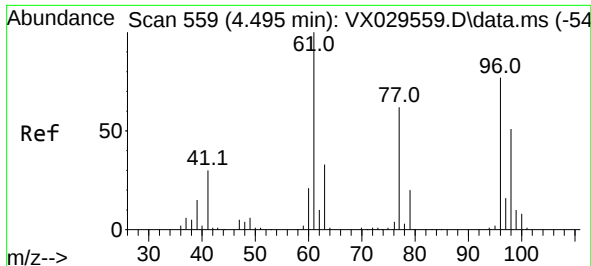
Tgt Ion: 43 Resp: 18964
Ion Ratio Lower Upper
43 100
58 37.8 28.8 43.2



#20
Methylene Chloride
Concen: 0.757 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion: 84 Resp: 2322
Ion Ratio Lower Upper
84 100
49 92.4 85.5 128.3
51 27.3 26.6 39.8
86 52.0 51.5 77.3





#27

cis-1,2-Dichloroethene

Concen: 0.436 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

Instrument :

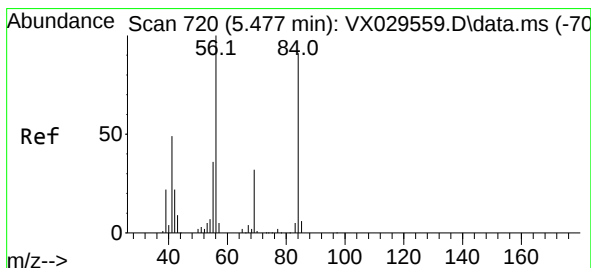
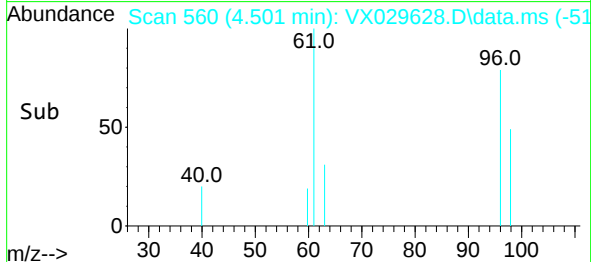
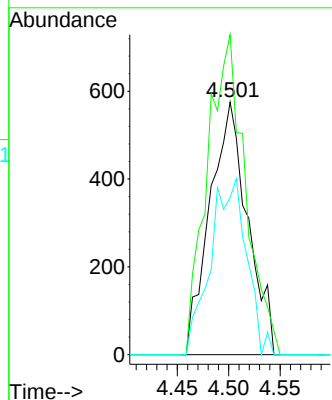
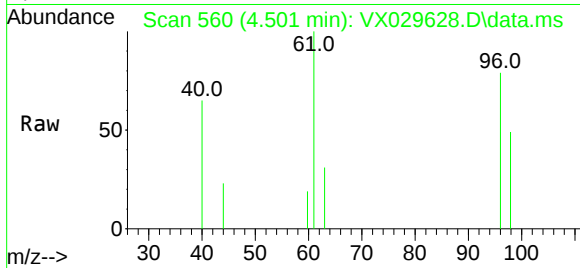
MSVOA_X

ClientSampleId :

RB07-20220601

Tgt Ion: 96 Resp: 1473

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	283.8
98	66.7	0.0	129.8



#31

Cyclohexane

Concen: 1.049 ug/l

RT: 5.556 min Scan# 733

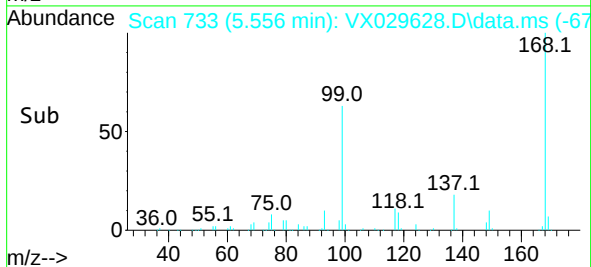
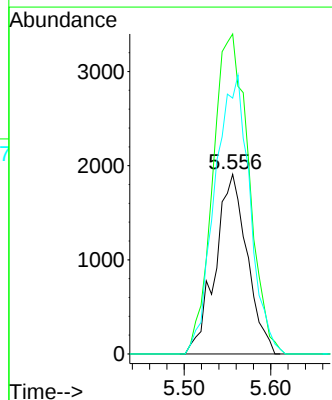
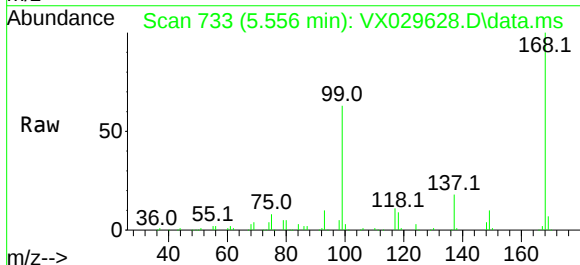
Delta R.T. 0.079 min

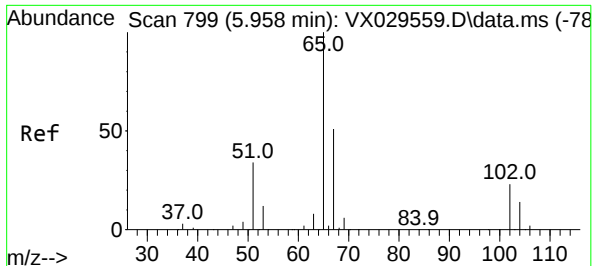
Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

Tgt Ion: 56 Resp: 4868

Ion	Ratio	Lower	Upper
56	100		
69	178.1	26.7	40.1#
84	142.4	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

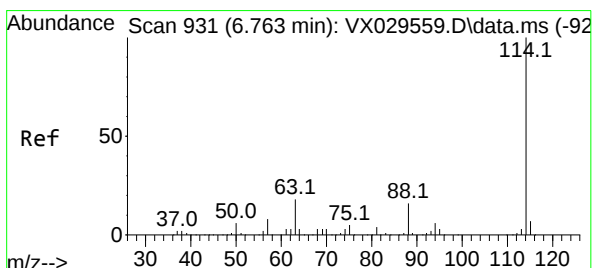
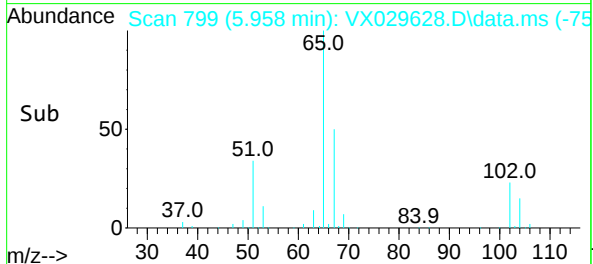
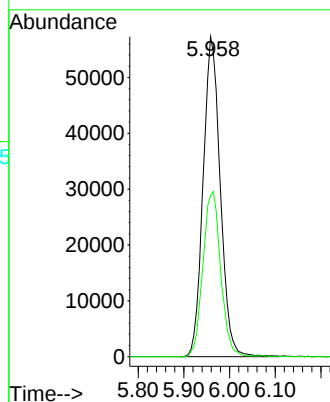
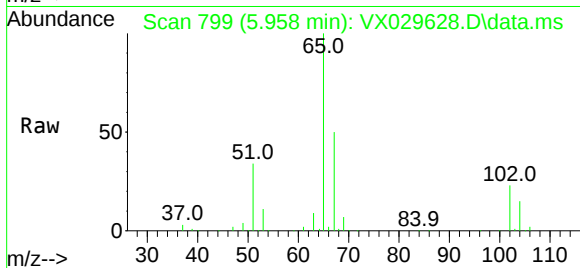
RB07-20220601

Tgt Ion: 65 Resp: 149304

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

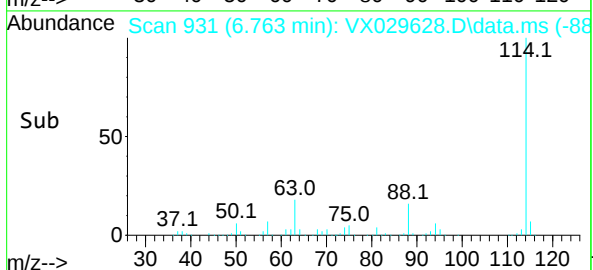
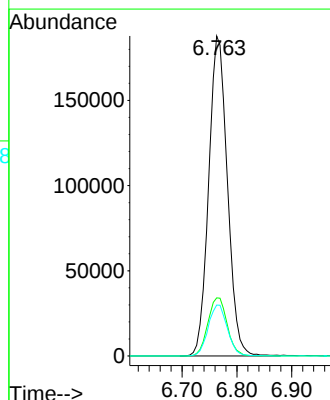
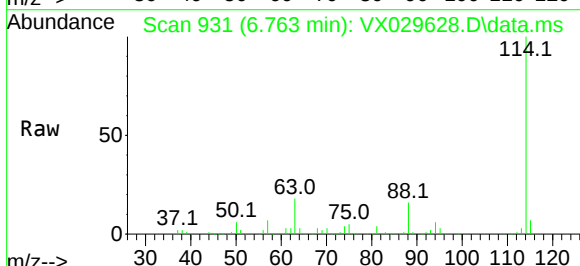
Tgt Ion: 114 Resp: 443934

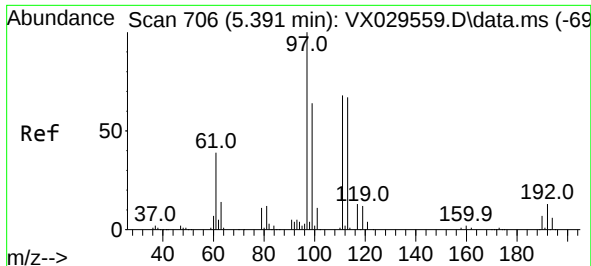
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.9 0.0 32.4

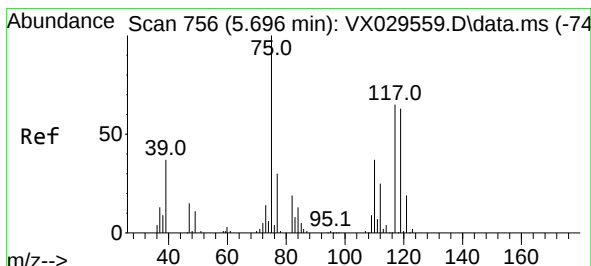
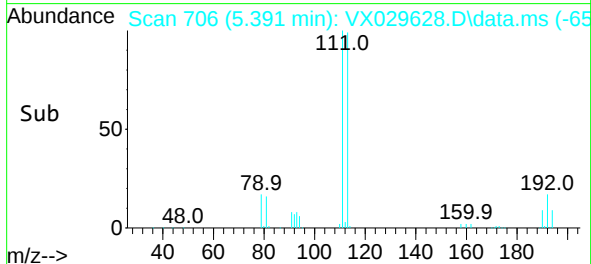
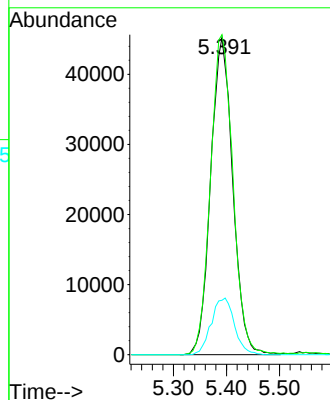
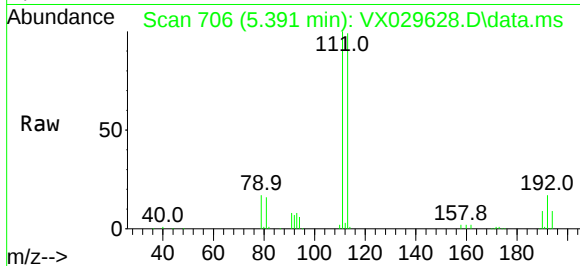




#35
Dibromofluoromethane
Concen: 45.153 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

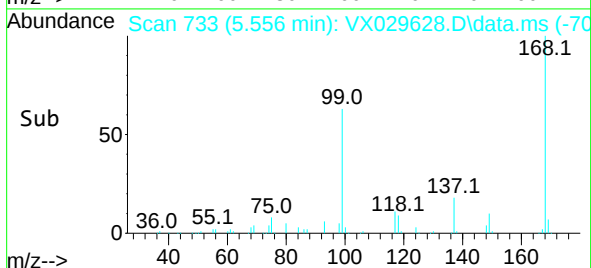
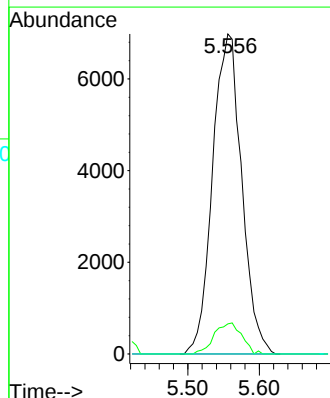
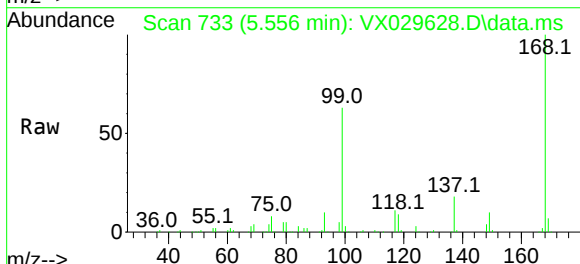
Instrument :
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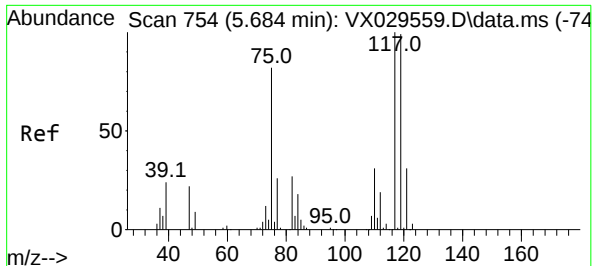
Tgt Ion:113 Resp: 130630
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

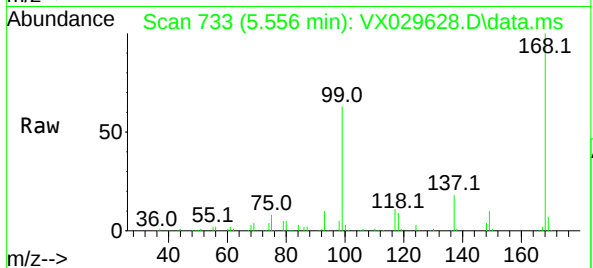
Tgt Ion: 75 Resp: 19707
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



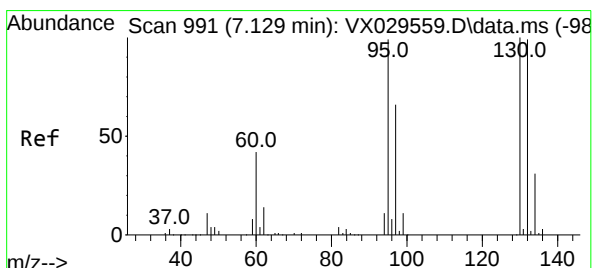
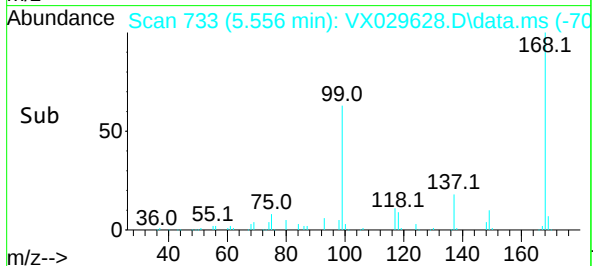
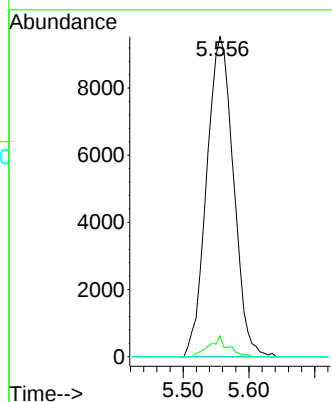


#38
Carbon Tetrachloride
Concen: 7.036 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

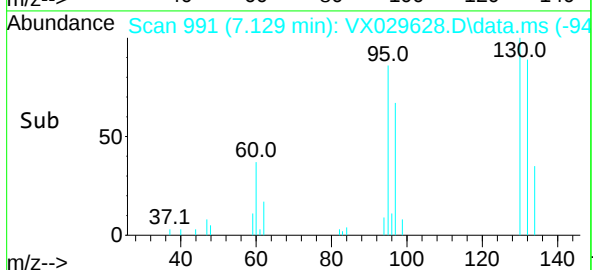
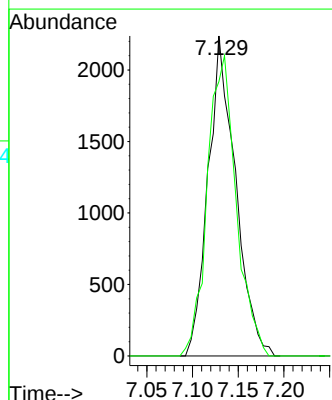
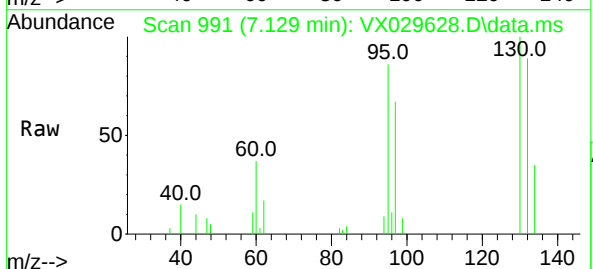


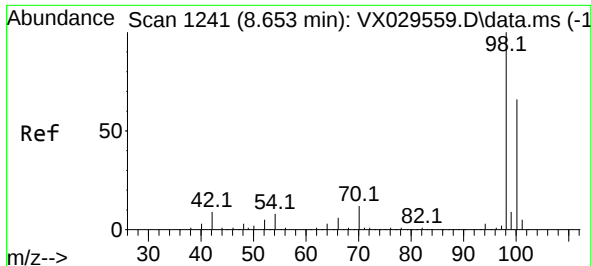
Tgt Ion:117 Resp: 27092
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.298 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion:130 Resp: 4674
Ion Ratio Lower Upper
130 100
95 85.7 0.0 188.8

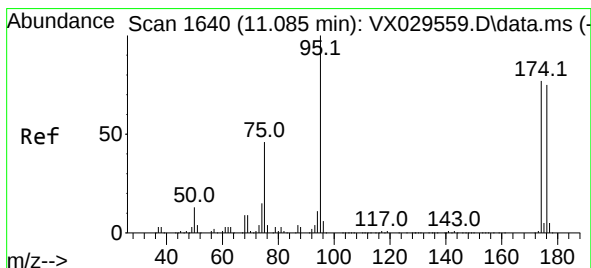
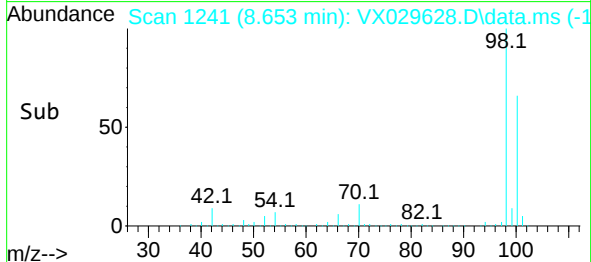
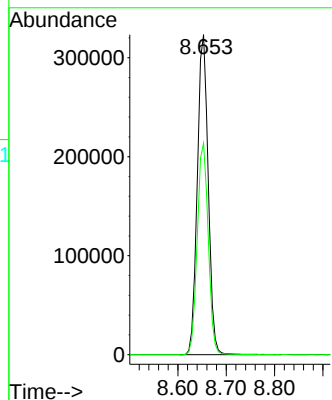
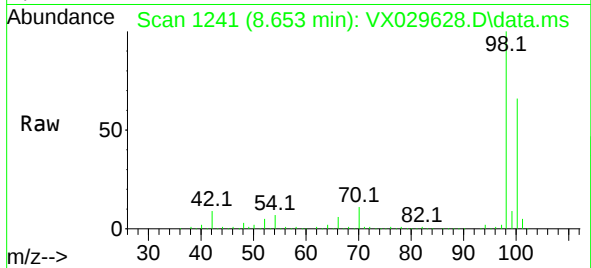




#50
Toluene-d8
Concen: 47.739 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

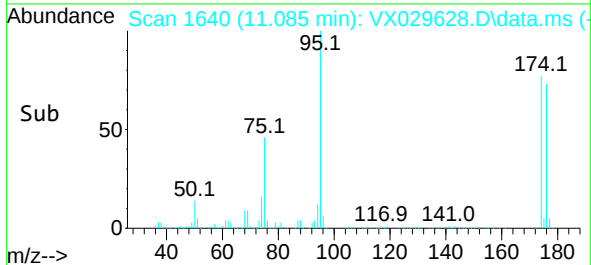
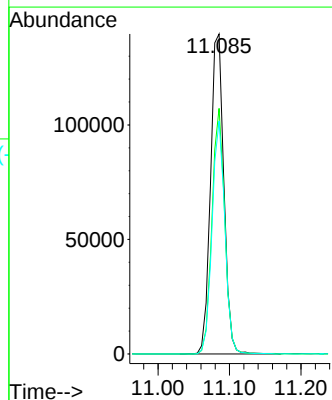
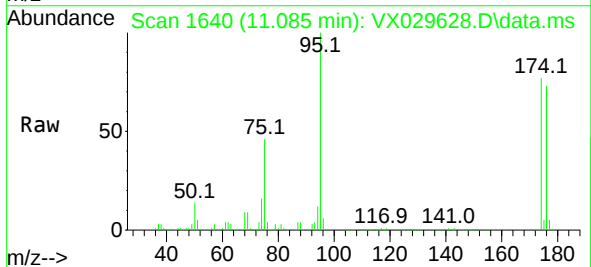
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

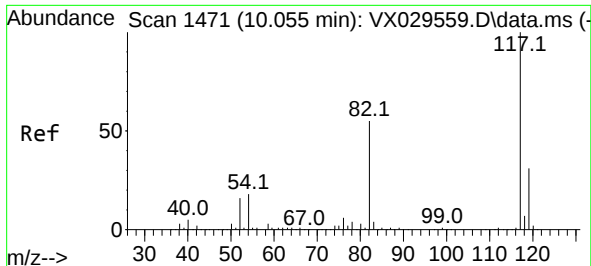
Tgt Ion: 98 Resp: 504549
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.331 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion: 95 Resp: 180675
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 69.7 0.0 155.0

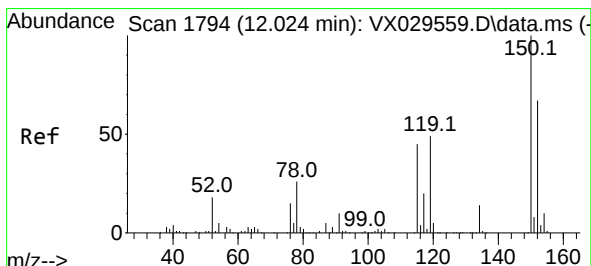
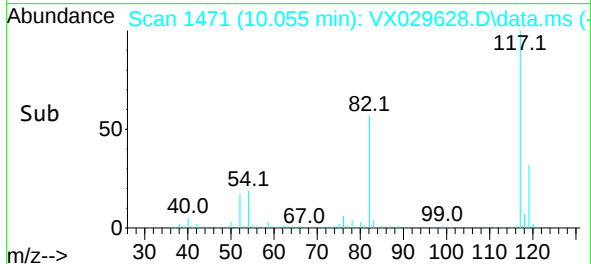
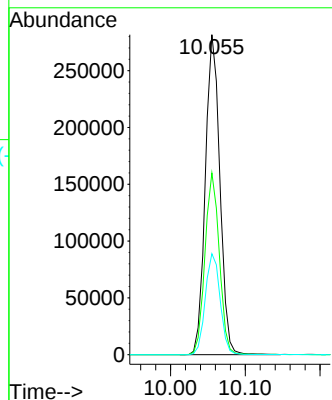
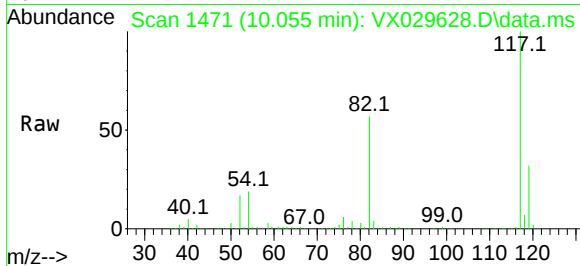




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

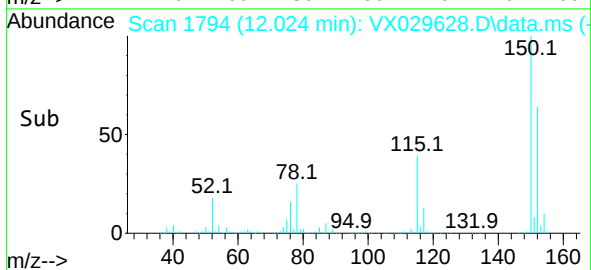
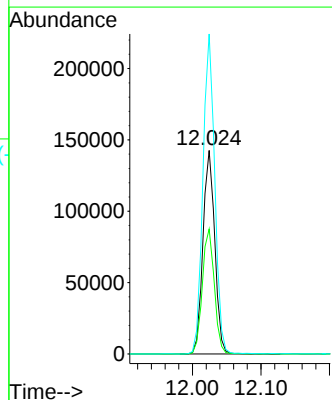
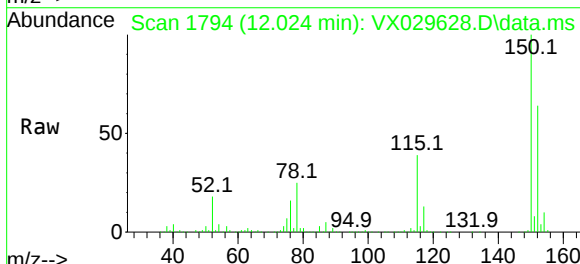
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

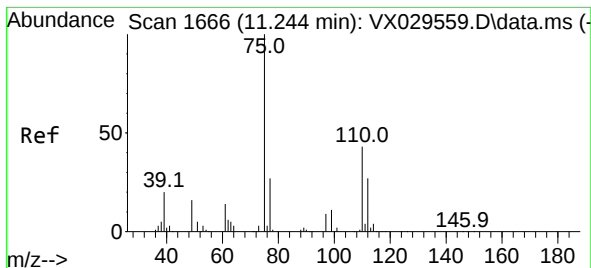
Tgt Ion:117 Resp: 380877
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029628.D
Acq: 20 Jun 2022 17:13

Tgt Ion:152 Resp: 171858
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 157.0 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 23.092 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

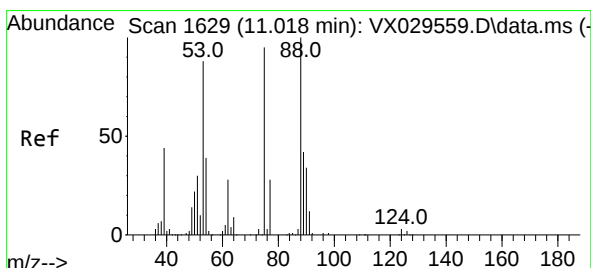
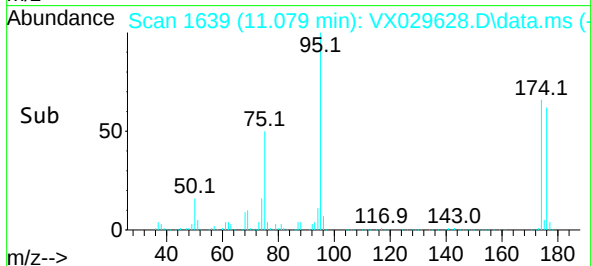
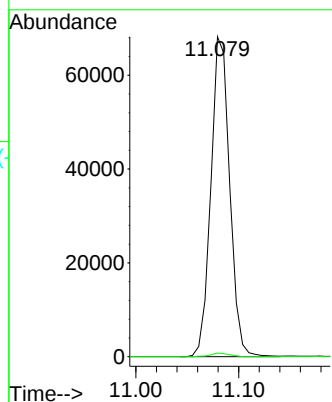
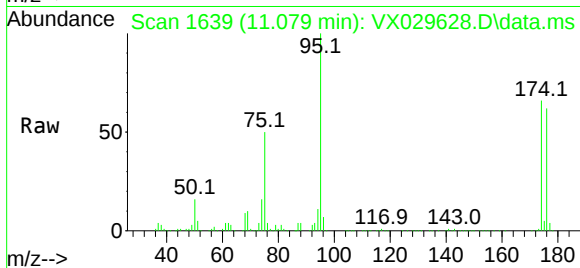
RB07-20220601

Tgt Ion: 75 Resp: 86453

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.820 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX029628.D

Acq: 20 Jun 2022 17:13

Tgt Ion: 75 Resp: 86453

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.1 37.0 55.6#

