

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023413.D
 Acq On : 23 Jul 2021 10:14
 Operator : JC/MD
 Sample : VX0723MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:43:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

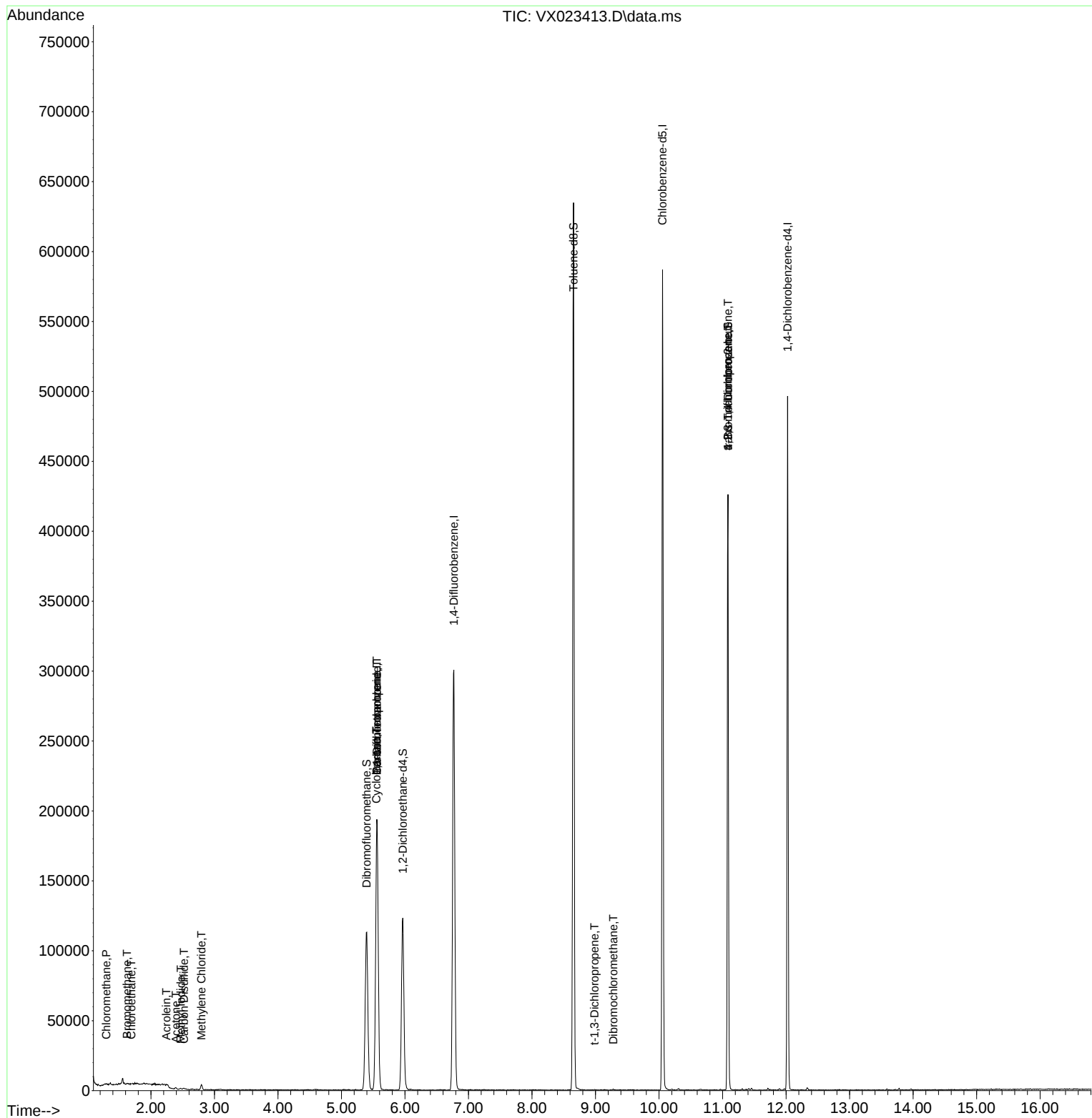
Internal Standards						
1) Pentafluorobenzene	5.556	168	185608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	313300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118079	51.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.397	113	98331	50.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.653	98	363883	50.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.085	95	110513	45.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.320%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	466	0.234	ug/l #	87
5) Bromomethane	1.624	94	505	0.422	ug/l	92
6) Chloroethane	1.691	64	301	0.244	ug/l #	43
10) Methyl Iodide	2.471	142	870	0.378	ug/l #	97
13) Acrolein	2.239	56	101	1.737	ug/l #	1
16) Acetone	2.392	43	1122	0.988	ug/l	89
17) Carbon Disulfide	2.520	76	1042	0.232	ug/l #	75
20) Methylene Chloride	2.794	84	1606	0.727	ug/l #	93
31) Cyclohexane	5.550	56	3699	1.078	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	14128	4.985	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18238	6.328	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	55	1.832	ug/l #	44
60) Dibromochloromethane	9.281	129	43	2.001	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55581	25.404	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55581	68.307	ug/l #	12

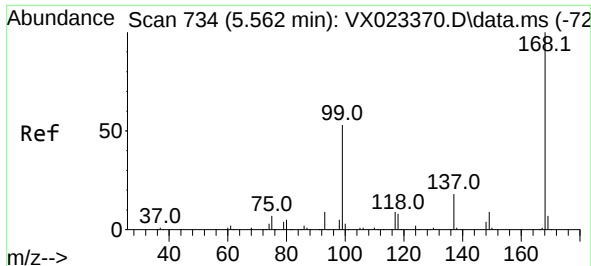
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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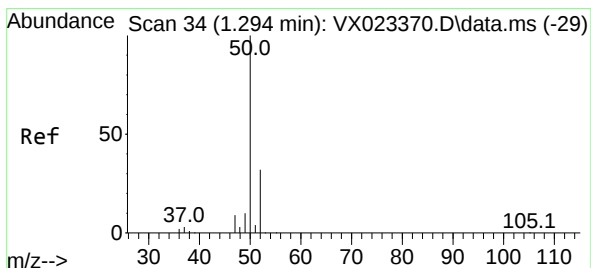
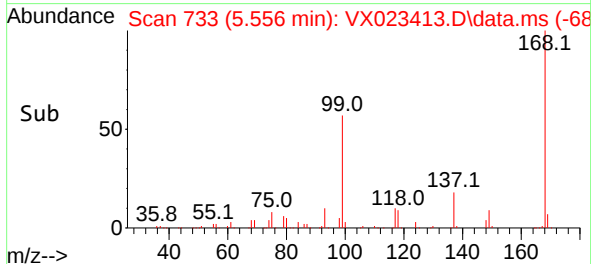
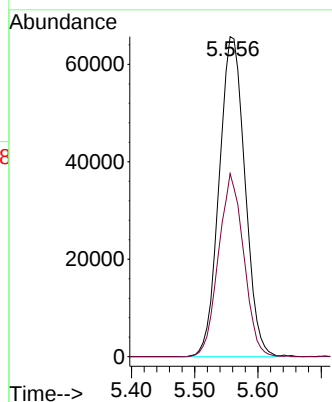
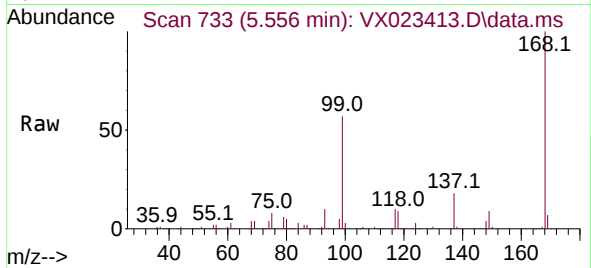




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

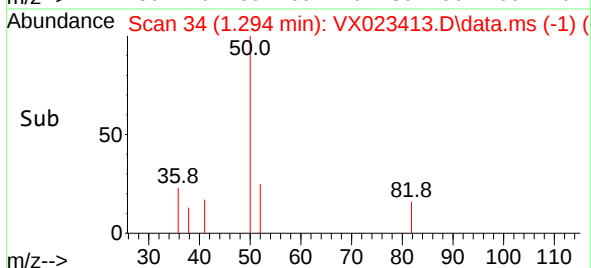
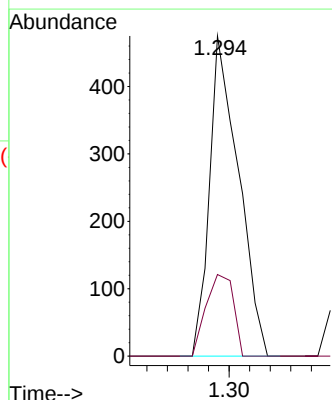
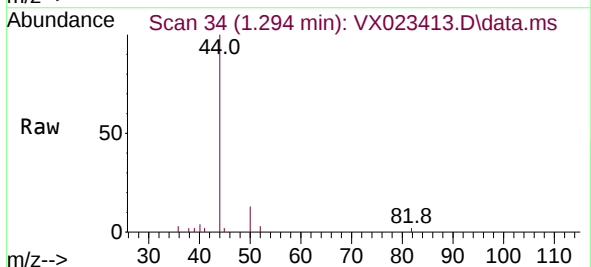
Instrument :
MSVOA_X
ClientSampleId :

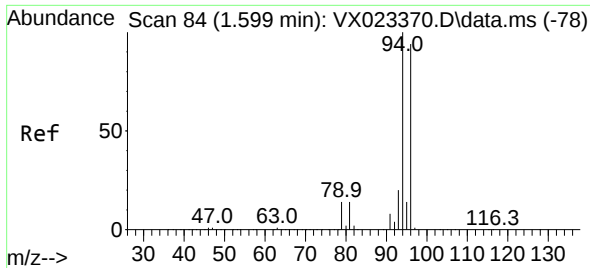
Tgt Ion:168 Resp: 185608
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 25.5 26.4 39.6#

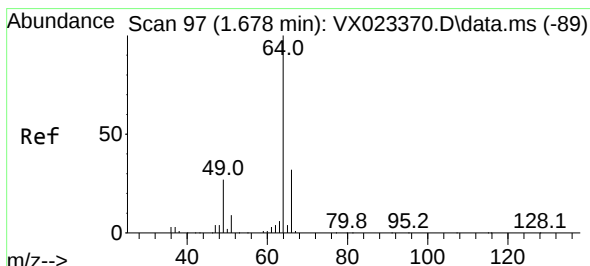
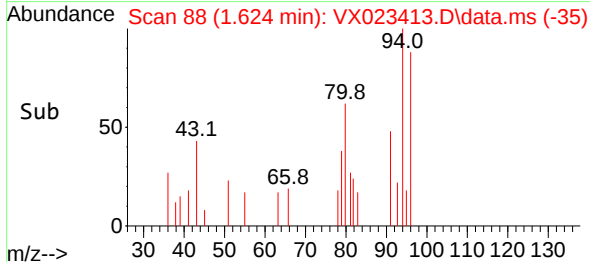
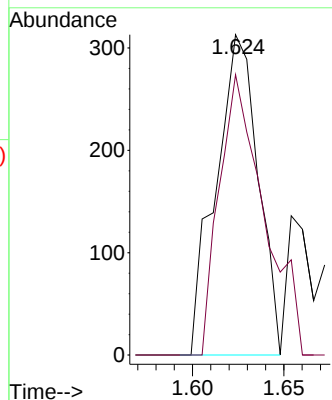
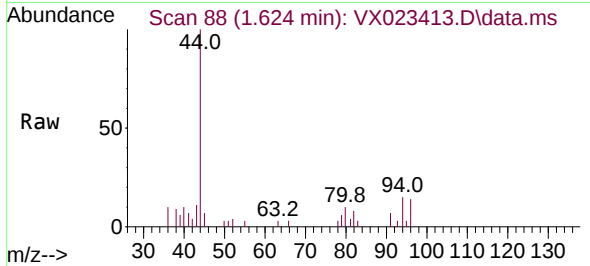




#5
Bromomethane
Concen: 0.422 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

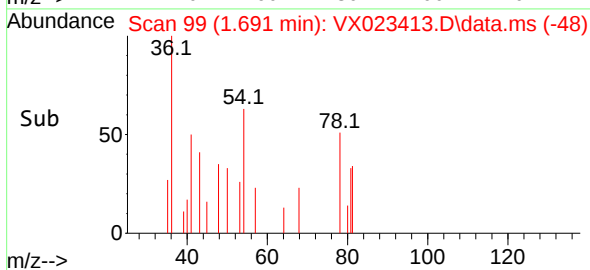
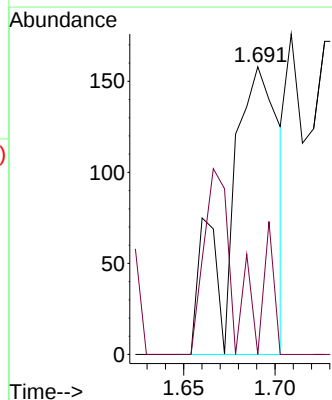
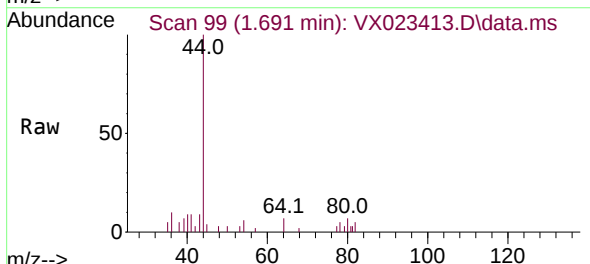
Instrument :
MSVOA_X
ClientSampled :

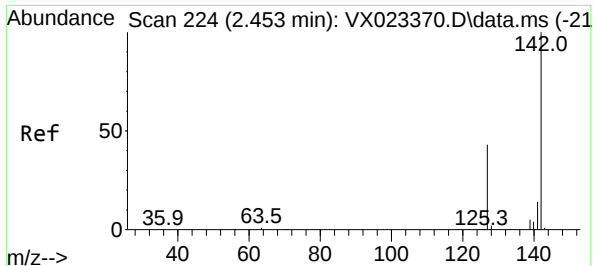
Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 87.5 76.4 114.6



#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

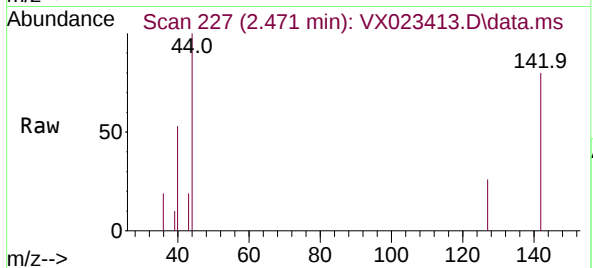
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



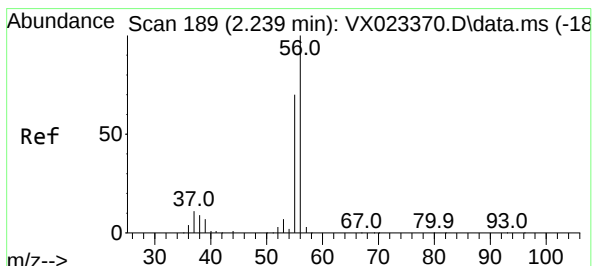
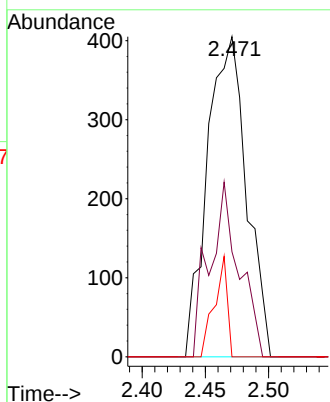
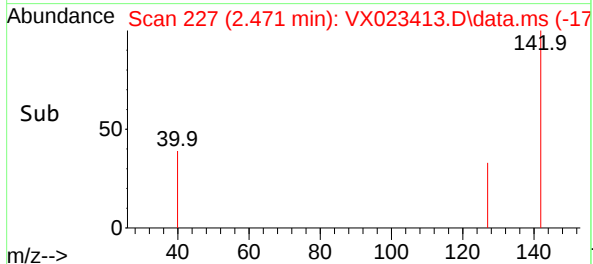


#10
Methyl Iodide
Concen: 0.378 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

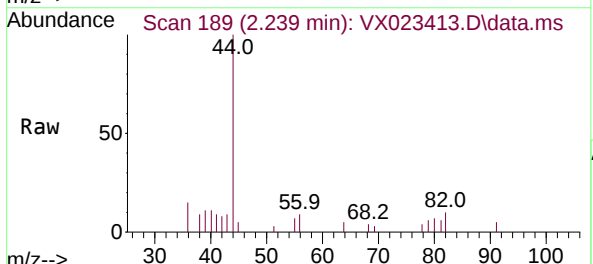
Instrument :
MSVOA_X
ClientSampleId :



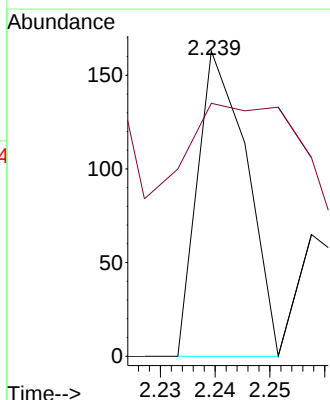
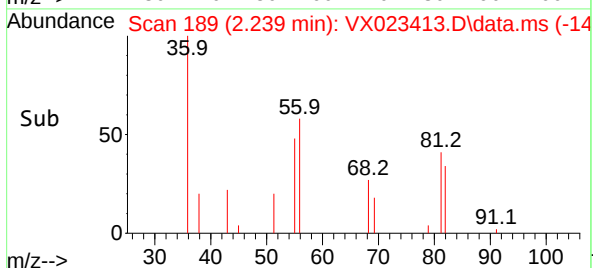
Tgt Ion:142 Resp: 870
Ion Ratio Lower Upper
142 100
127 41.4 33.3 49.9
141 10.3 11.4 17.0#

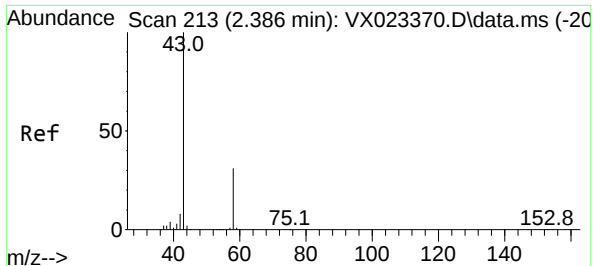


#13
Acrolein
Concen: 1.737 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14



Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 223.8 56.4 84.6#

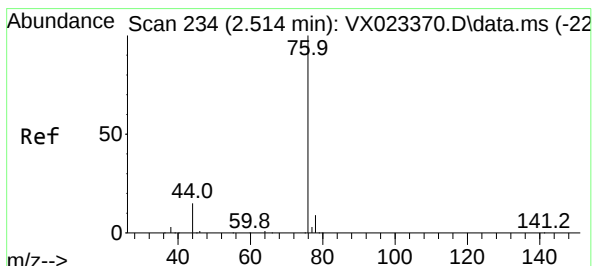
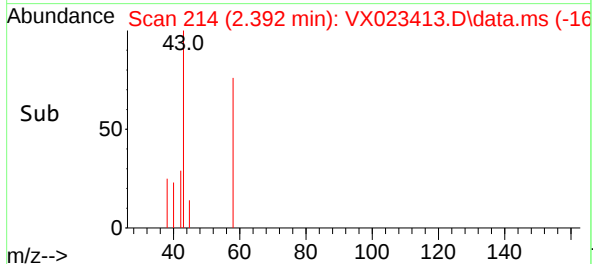
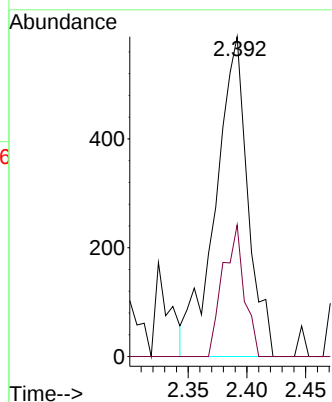
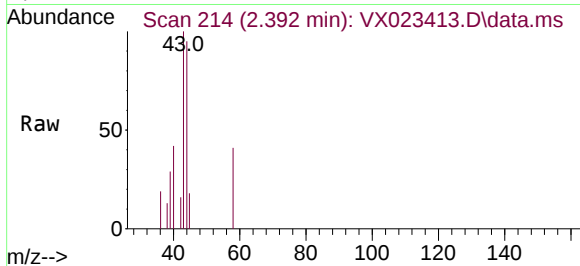




#16
Acetone
Concen: 0.988 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

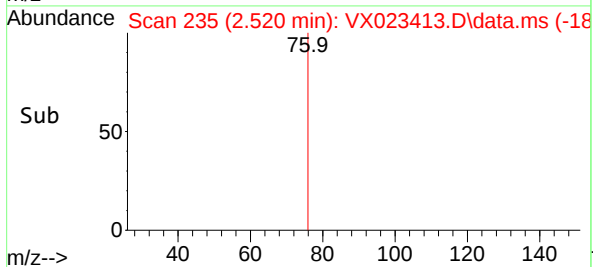
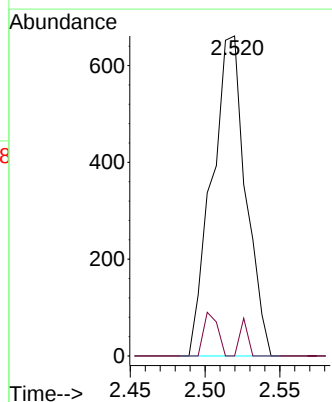
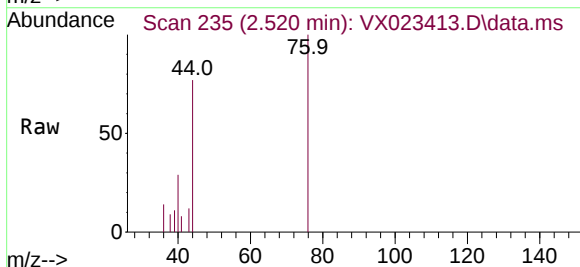
Instrument :
MSVOA_X
ClientSampled :

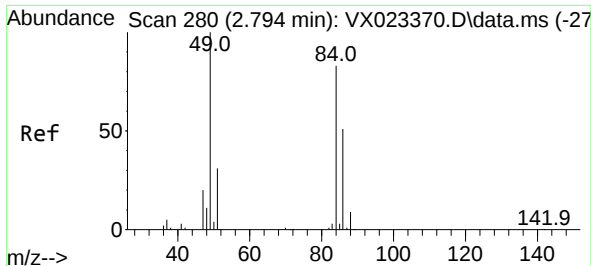
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 41.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

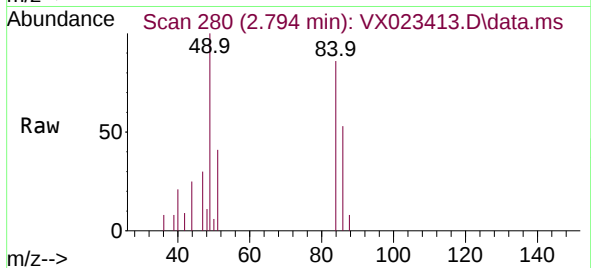
Tgt Ion: 76 Resp: 1042
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





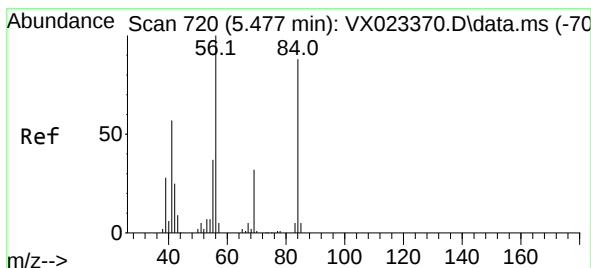
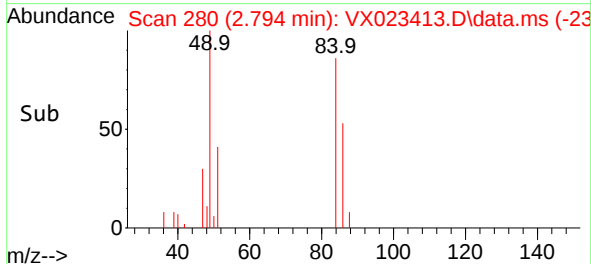
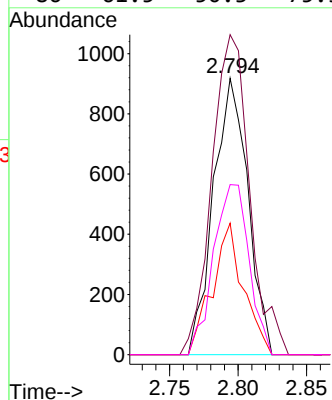
#20
Methylene Chloride
Concen: 0.727 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1606

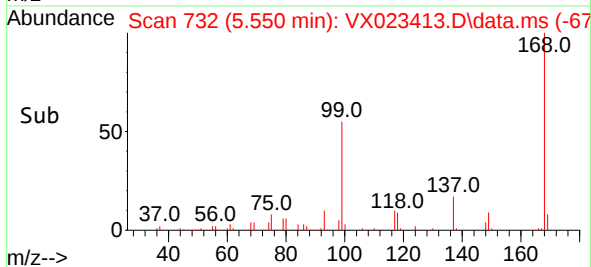
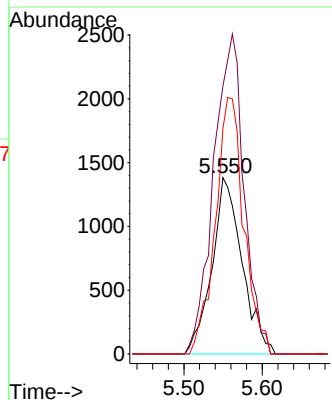
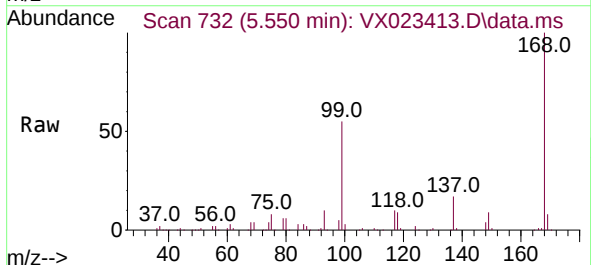
Ion	Ratio	Lower	Upper
84	100		
49	115.8	88.6	132.8
51	47.6	27.0	40.6#
86	61.5	50.3	75.5

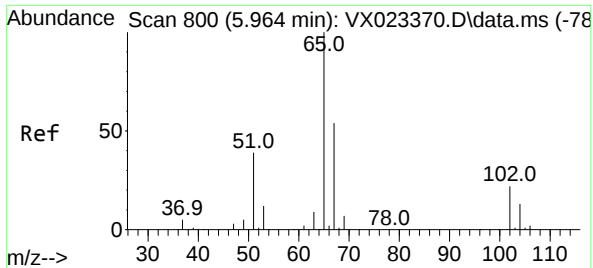


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion: 56 Resp: 3699

Ion	Ratio	Lower	Upper
56	100		
69	151.8	25.3	37.9#
84	127.7	71.4	107.0#



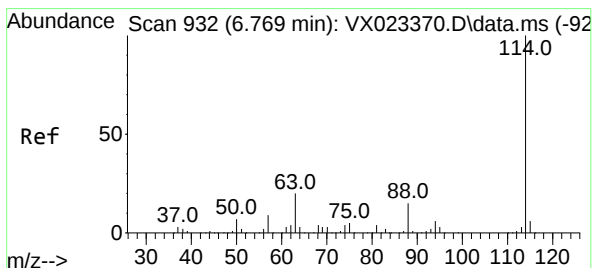
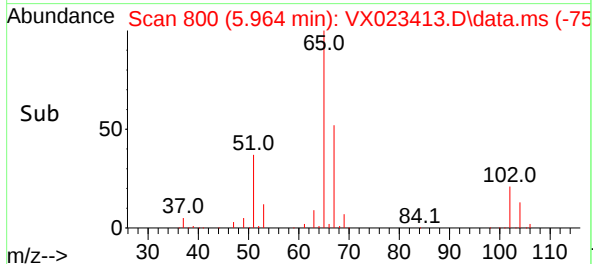
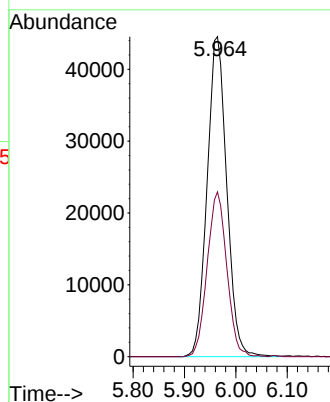
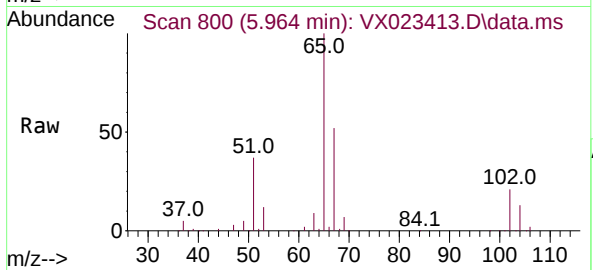


#33

1,2-Dichloroethane-d4
Concen: 51.000 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Instrument :
MSVOA_X
ClientSampleId :

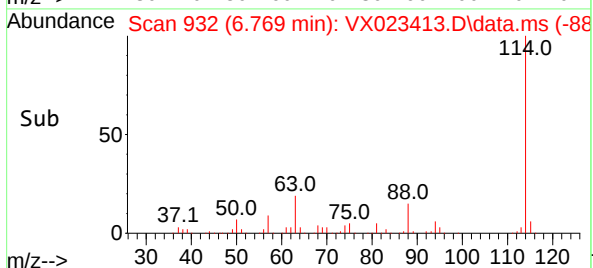
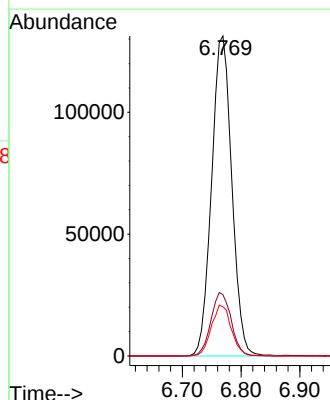
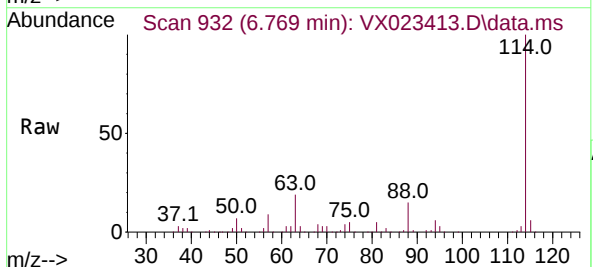
Tgt Ion: 65 Resp: 118079
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

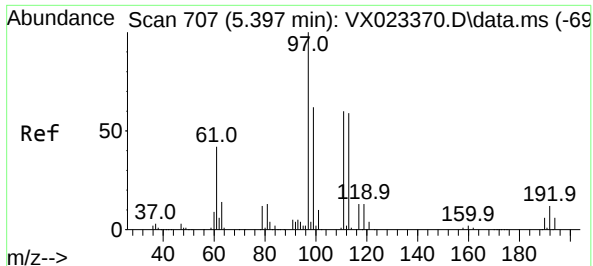


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion: 114 Resp: 313300
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.197 ug/l

RT: 5.397 min Scan# 707

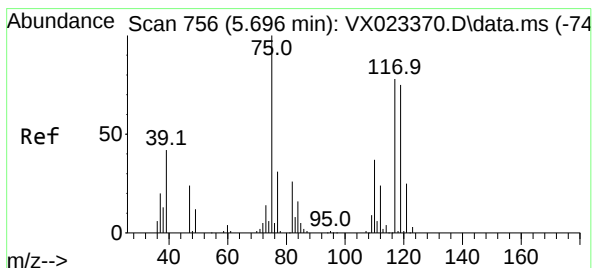
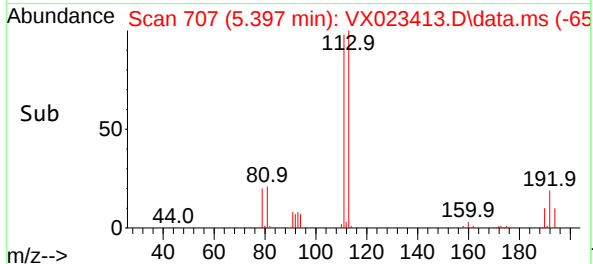
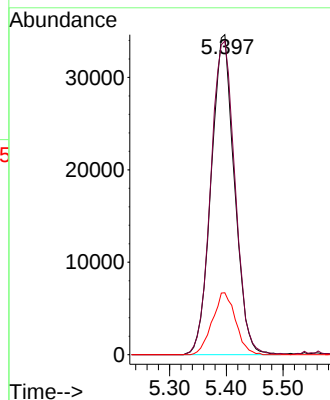
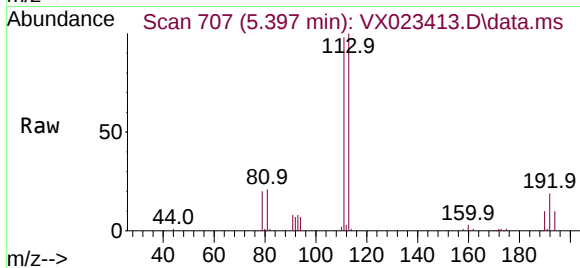
Delta R.T. 0.000 min

Lab File: VX023413.D

Acq: 23 Jul 2021 10:14

Tgt Ion:	113	Resp:	98331
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.4	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.985 ug/l

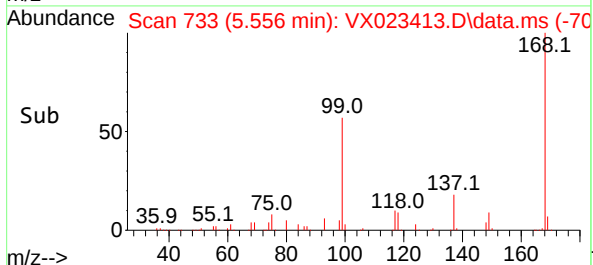
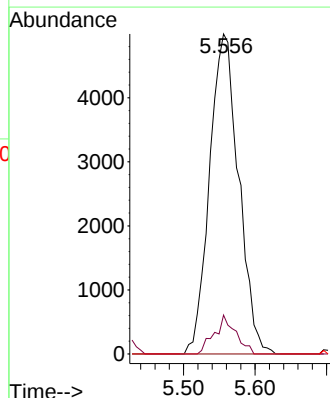
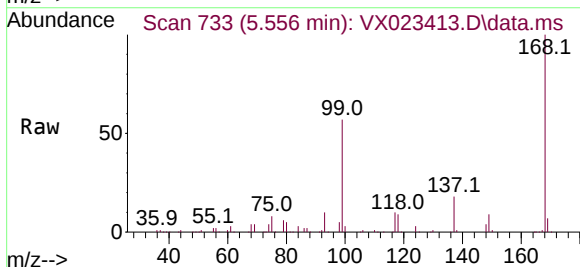
RT: 5.556 min Scan# 733

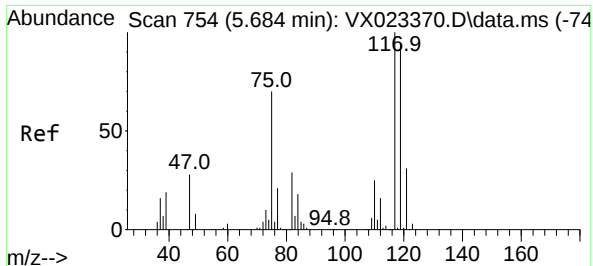
Delta R.T. -0.140 min

Lab File: VX023413.D

Acq: 23 Jul 2021 10:14

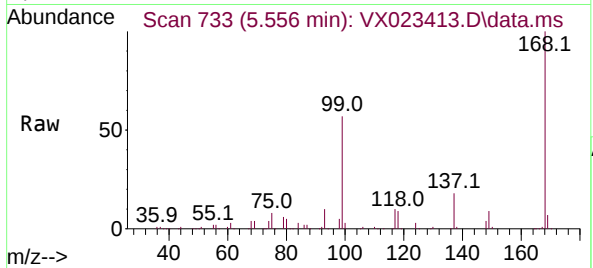
Tgt Ion:	75	Resp:	14128
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



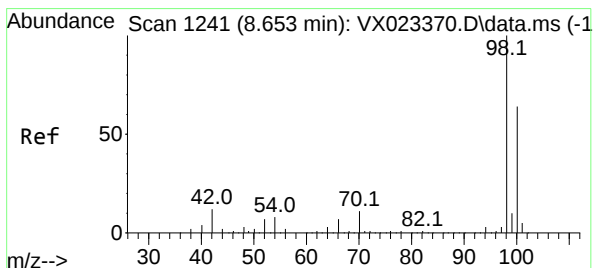
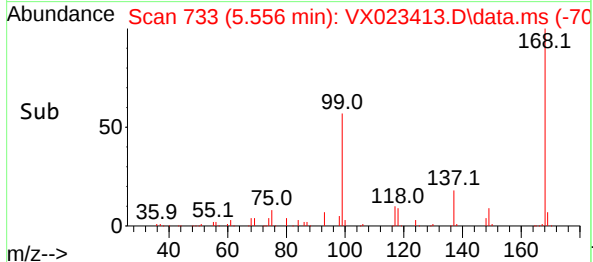
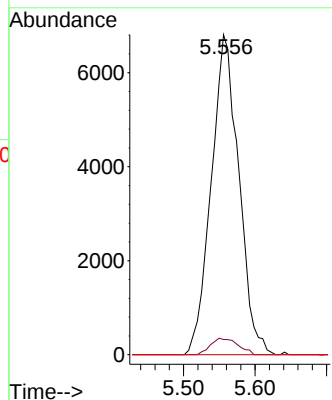


#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Instrument :
MSVOA_X
ClientSampled :

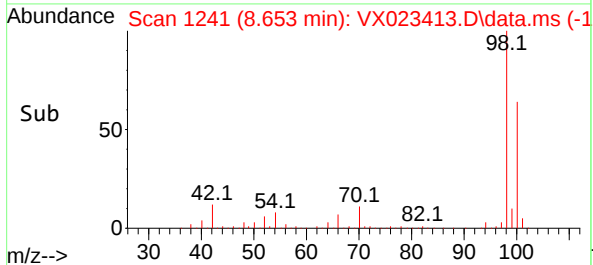
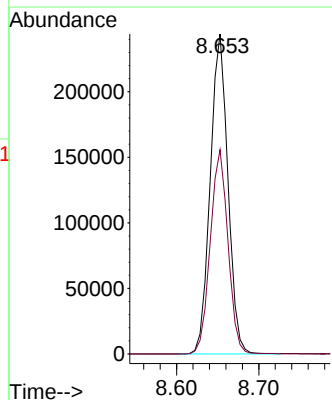
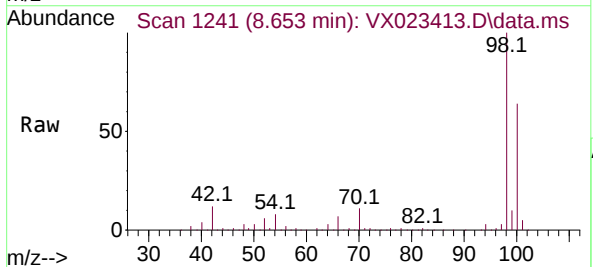


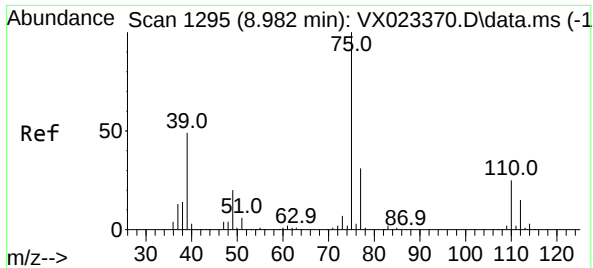
Tgt Ion:117 Resp: 18238
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion: 98 Resp: 363883
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

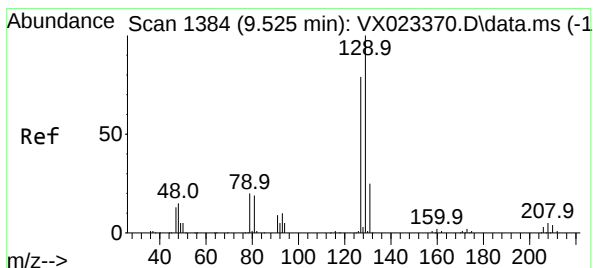
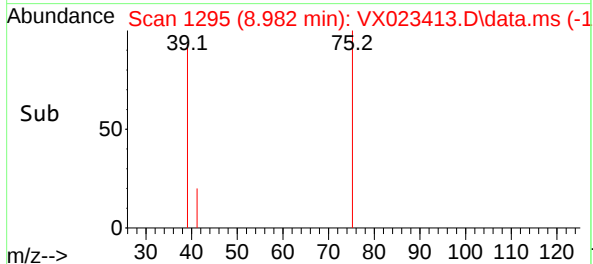
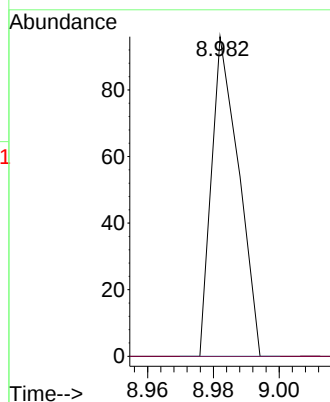
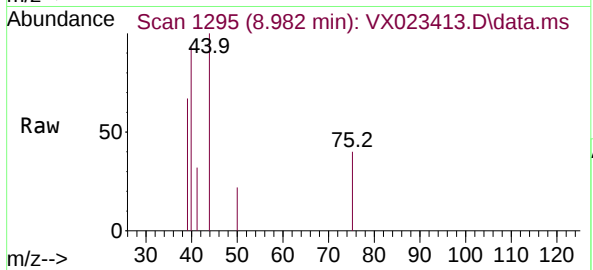




#53
t-1,3-Dichloropropene
Concen: 1.832 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

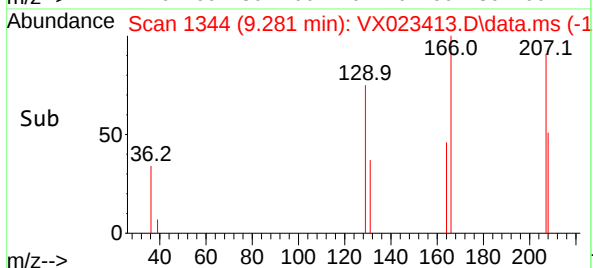
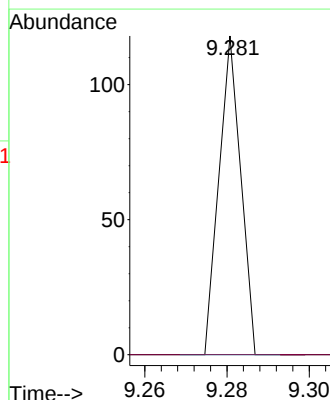
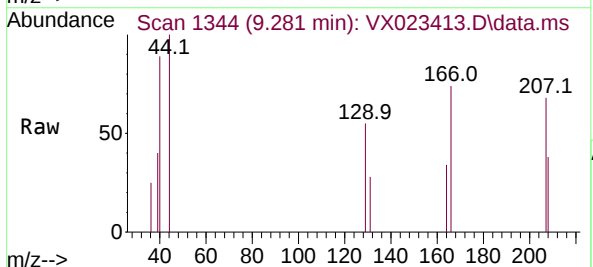
Instrument :
MSVOA_X
ClientSampleId :

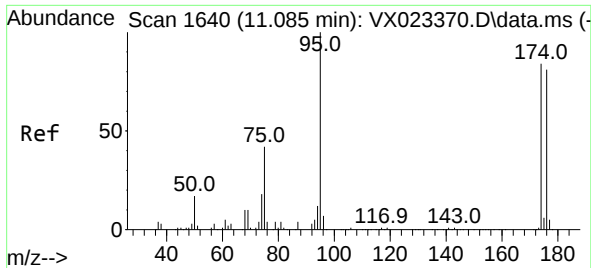
Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.001 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion:129 Resp: 43
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

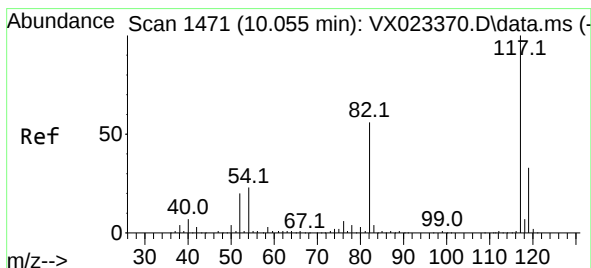
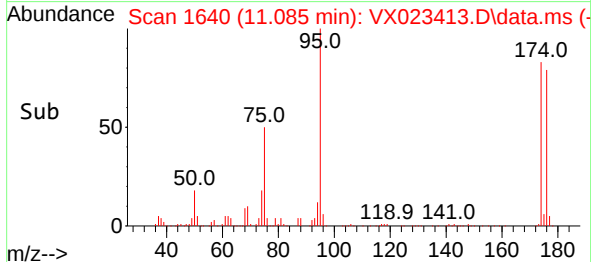
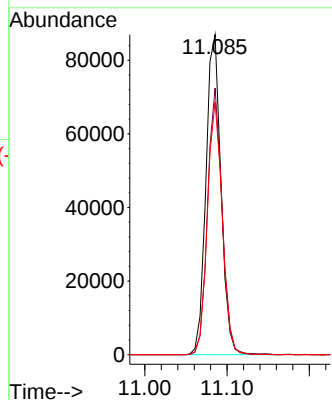
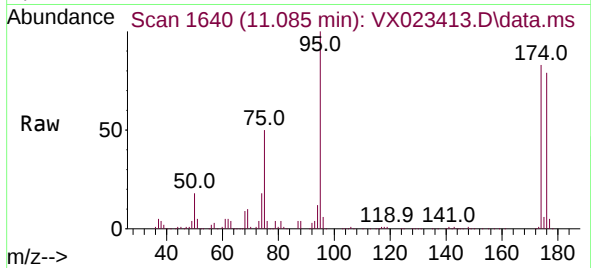




#62
4-Bromofluorobenzene
Concen: 45.158 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

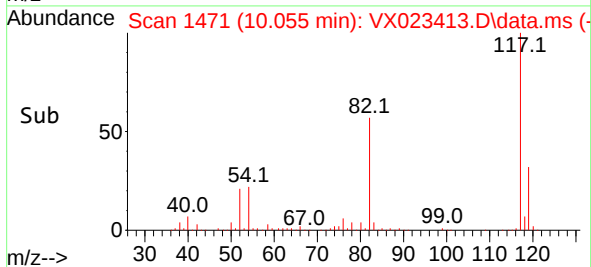
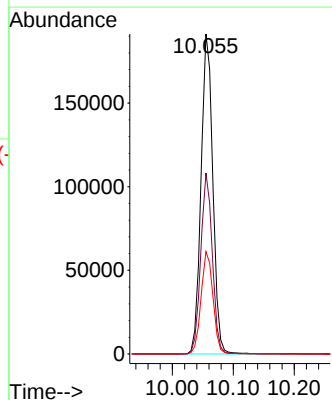
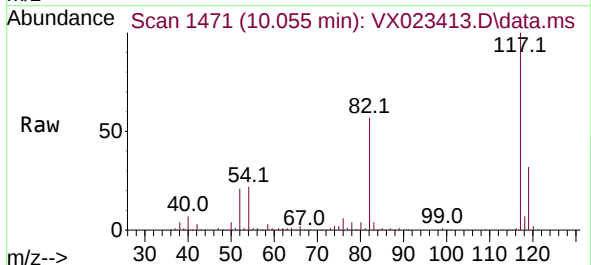
Instrument :
MSVOA_X
ClientSampleId :

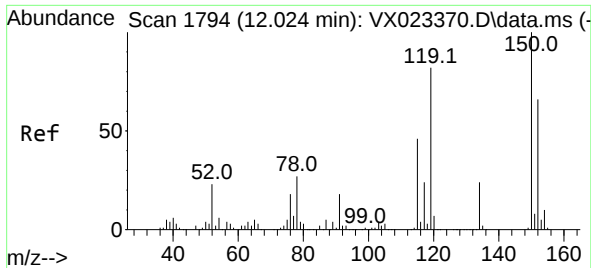
Tgt Ion: 95 Resp: 110513
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023413.D
Acq: 23 Jul 2021 10:14

Tgt Ion: 117 Resp: 256584
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.0 26.6 39.8

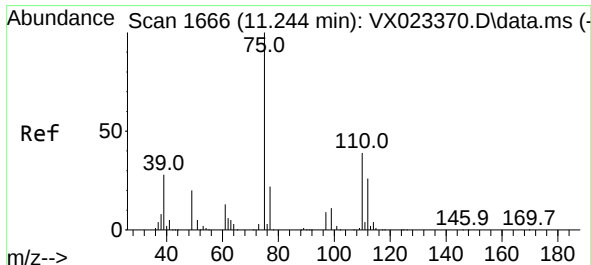
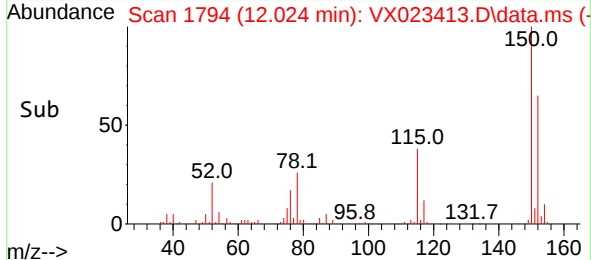
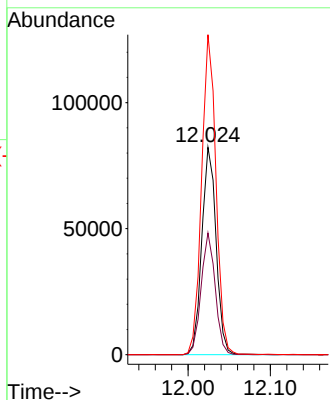
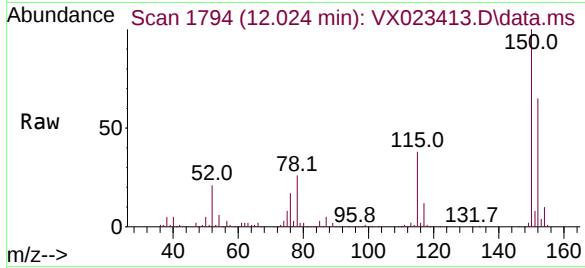




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023413.D
 Acq: 23 Jul 2021 10:14

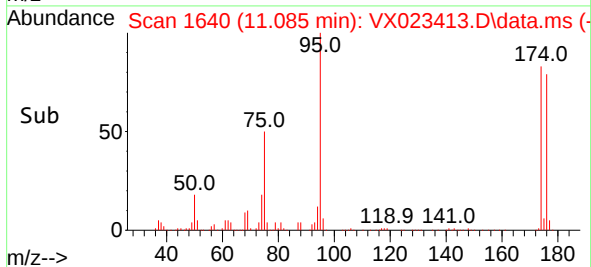
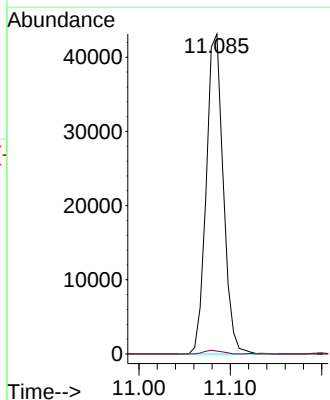
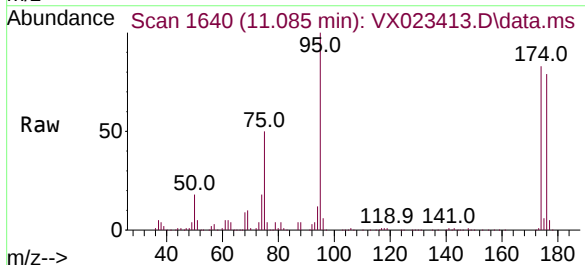
Instrument :
 MSVOA_X
 ClientSampled :

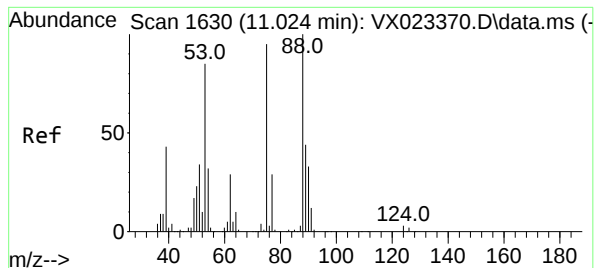
Tgt Ion:152 Resp: 99425
 Ion Ratio Lower Upper
 152 100
 115 57.8 41.1 123.3
 150 154.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.404 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023413.D
 Acq: 23 Jul 2021 10:14

Tgt Ion: 75 Resp: 55581
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.307 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX023413.D

Acq: 23 Jul 2021 10:14

Tgt Ion: 75 Resp: 55581

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

