

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023473.D
 Acq On : 27 Jul 2021 13:39
 Operator : JC/MD
 Sample : M3146-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:51:01 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)

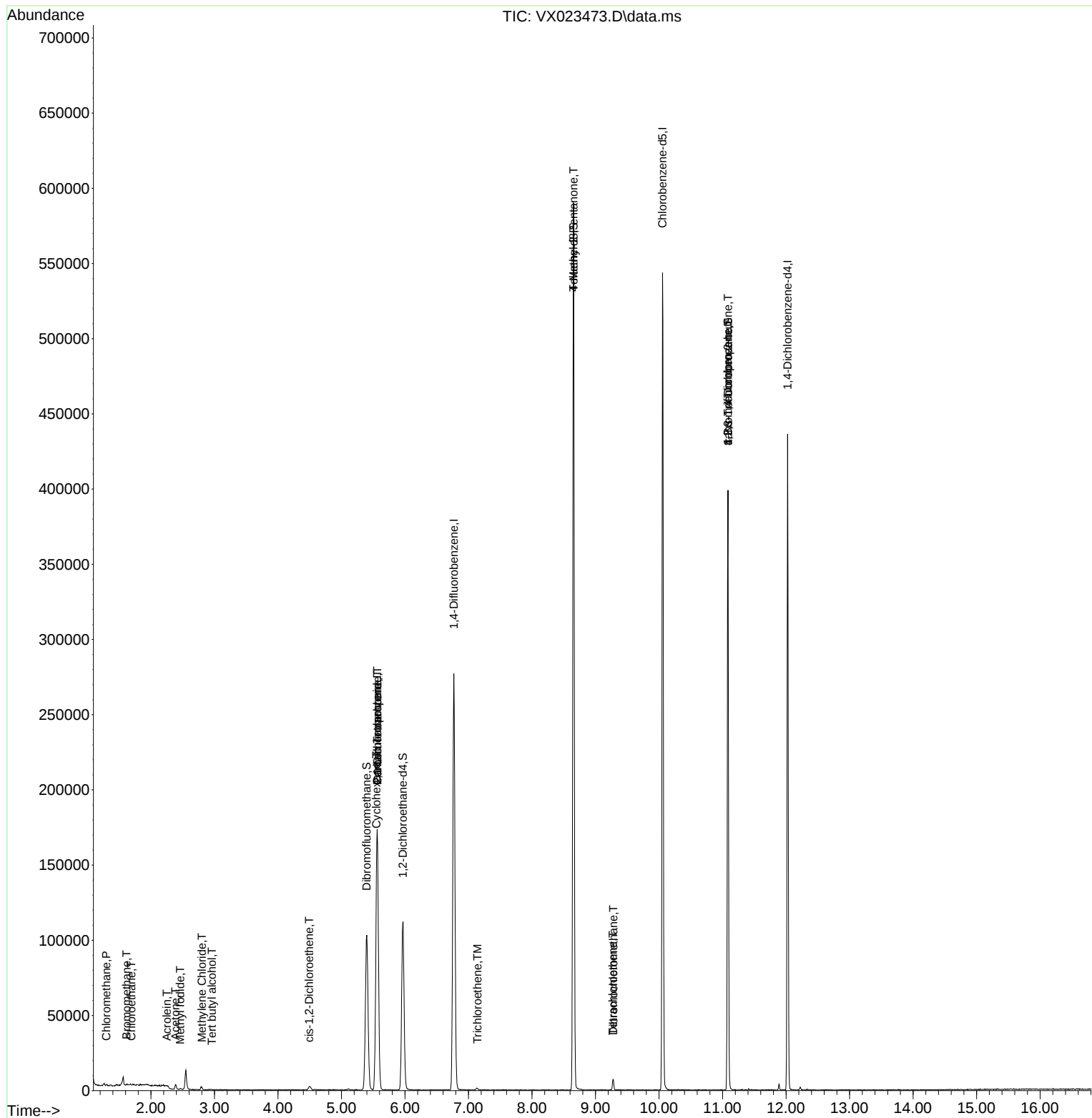
Internal Standards						
1) Pentafluorobenzene	5.562	168	166592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109265	52.580	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.160%		
35) Dibromofluoromethane	5.397	113	88583	50.793	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.580%		
50) Toluene-d8	8.653	98	337504	52.673	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.340%		
62) 4-Bromofluorobenzene	11.085	95	100066	45.927	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	452	0.253	ug/l	94
5) Bromomethane	1.617	94	488	0.455	ug/l	81
6) Chloroethane	1.691	64	406	0.366	ug/l #	43
10) Methyl Iodide	2.459	142	624	0.302	ug/l #	77
11) Tert butyl alcohol	2.959	59	113	0.238	ug/l #	73
13) Acrolein	2.251	56	79	1.689	ug/l #	6
16) Acetone	2.386	43	3446	3.380	ug/l	93
20) Methylene Chloride	2.800	84	818	0.413	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	1616	0.800	ug/l	91
31) Cyclohexane	5.550	56	3613	1.174	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	12533	4.967	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16554	6.451	ug/l #	16
44) Trichloroethene	7.141	130	566	0.275	ug/l	57
51) 4-Methyl-2-Pentanone	8.653	43	1571	0.521	ug/l #	1
60) Dibromochloromethane	9.281	129	1414	2.636	ug/l #	11
64) Tetrachloroethene	9.275	164	1325	0.684	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	52305	27.521	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52305	74.001	ug/l #	12

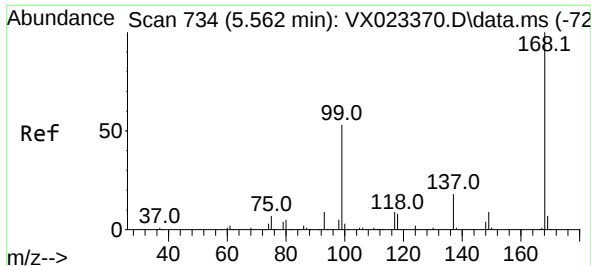
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Jul 28 00:51:01 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

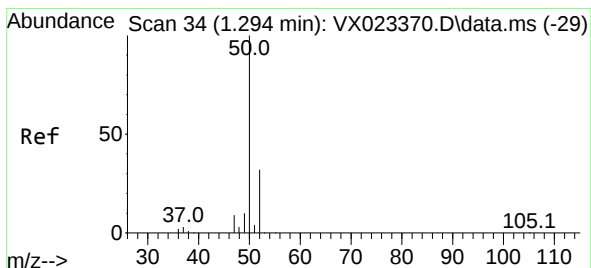
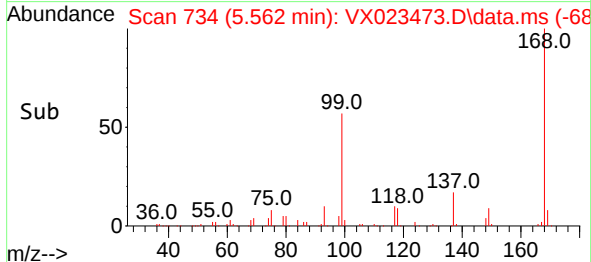
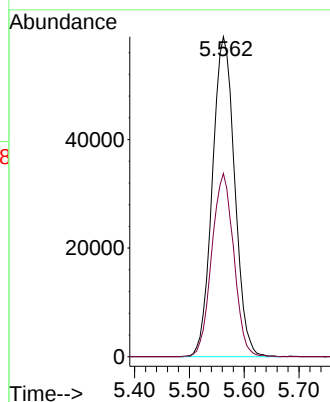
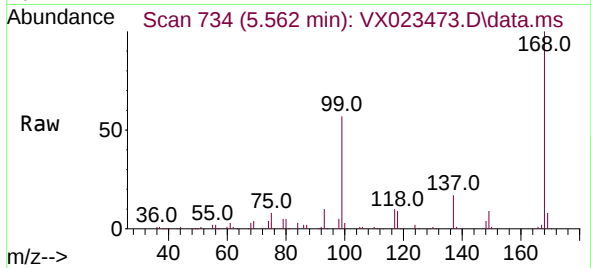




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

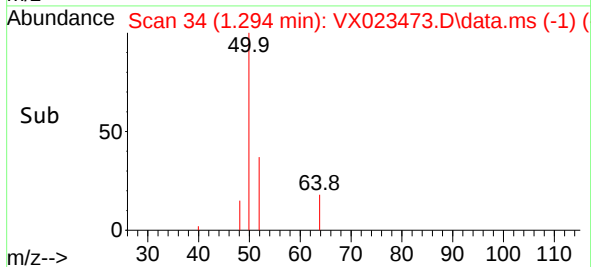
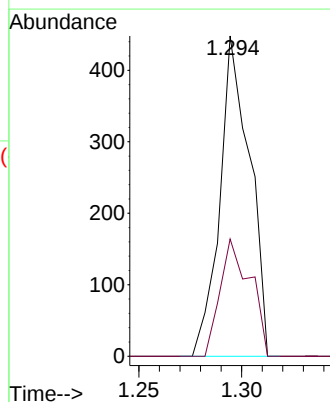
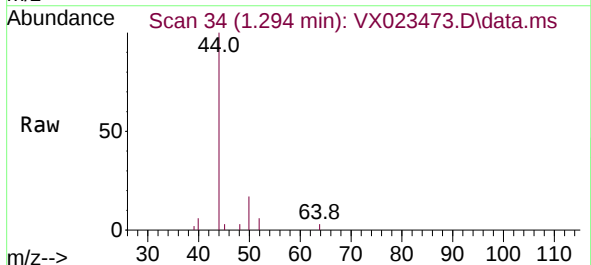
Instrument :
MSVOA_X
ClientSampleId :

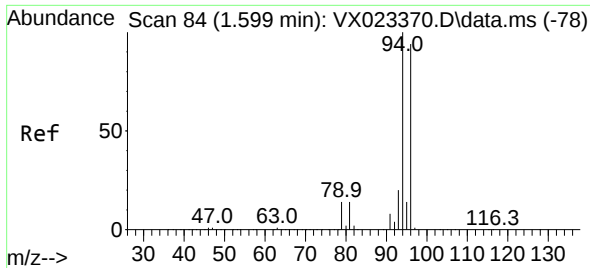
Tgt Ion:168 Resp: 166592
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 36.6 26.4 39.6

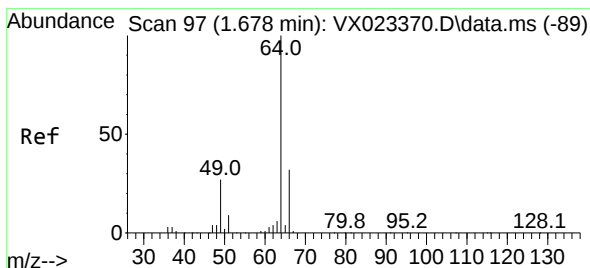
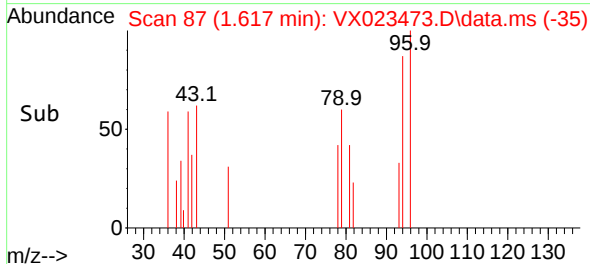
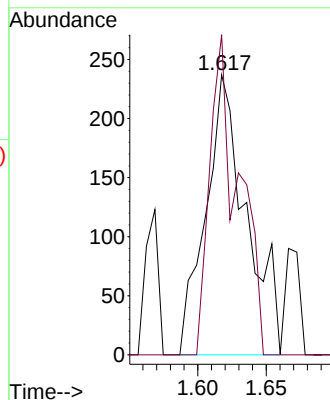
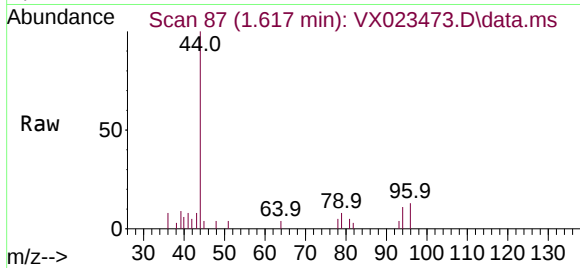




#5
Bromomethane
Concen: 0.455 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

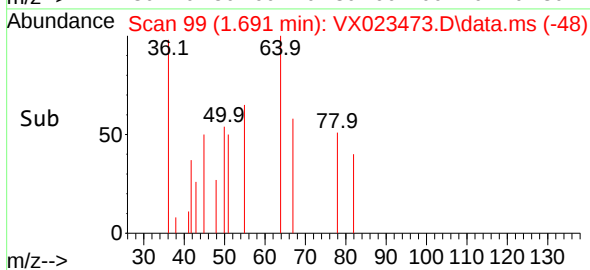
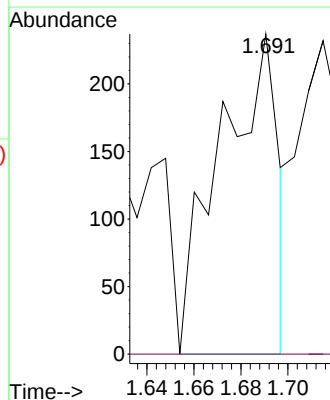
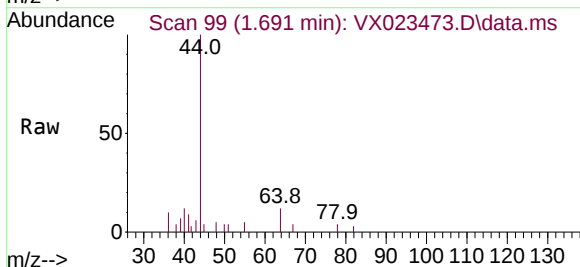
Instrument :
MSVOA_X
ClientSampleId :

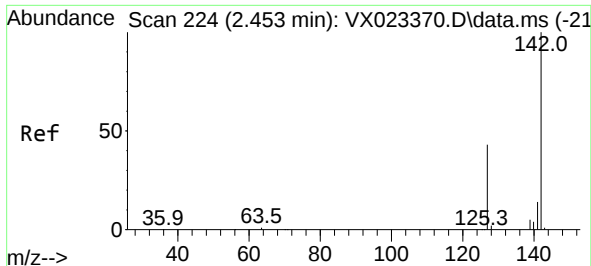
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 114.3 76.4 114.6



#6
Chloroethane
Concen: 0.366 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

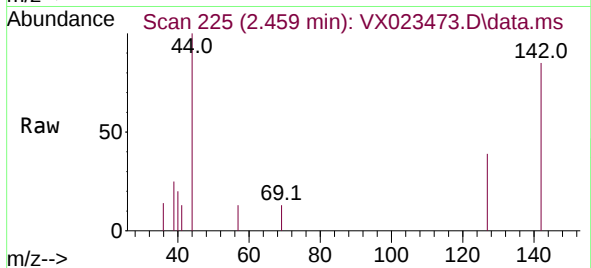
Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



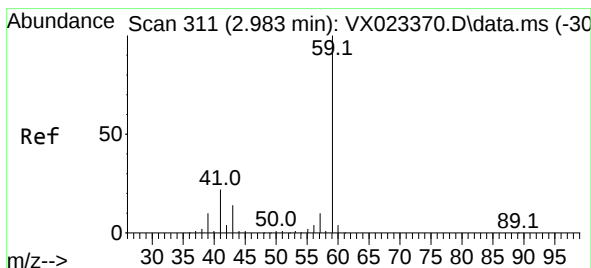
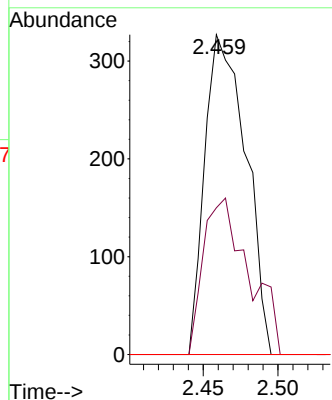
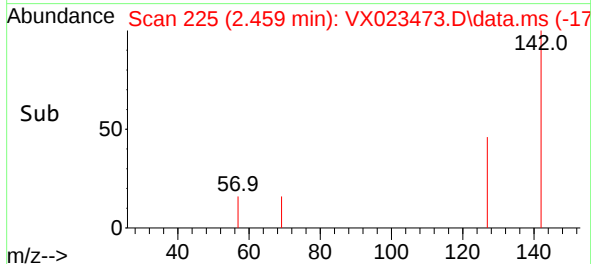


#10
Methyl Iodide
Concen: 0.302 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

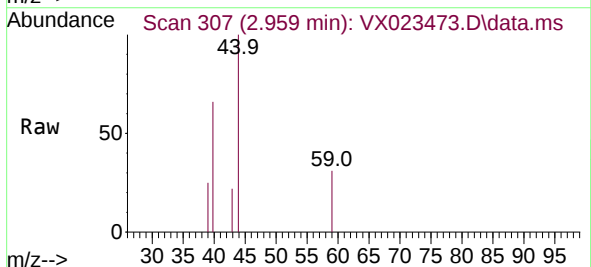
Instrument :
MSVOA_X
ClientSampleId :



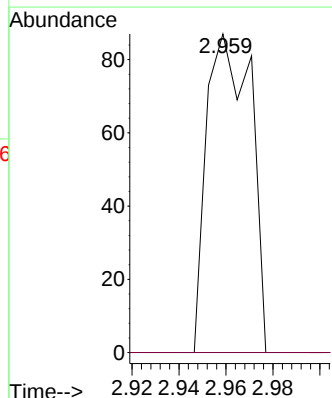
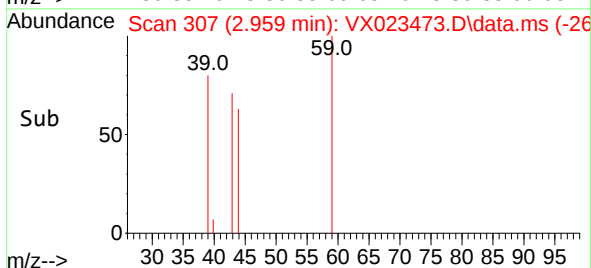
Tgt Ion:142 Resp: 624
Ion Ratio Lower Upper
142 100
127 53.8 33.3 49.9#
141 0.0 11.4 17.0#

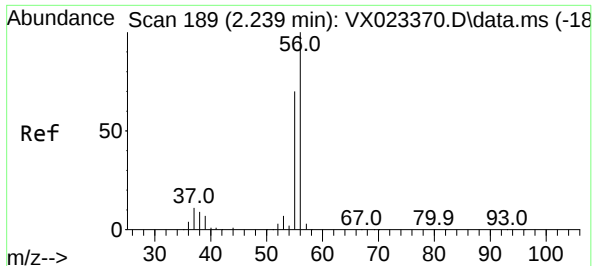


#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39



Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

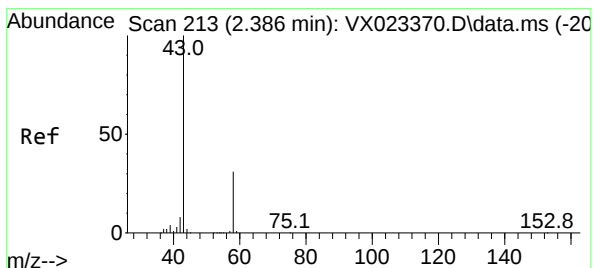
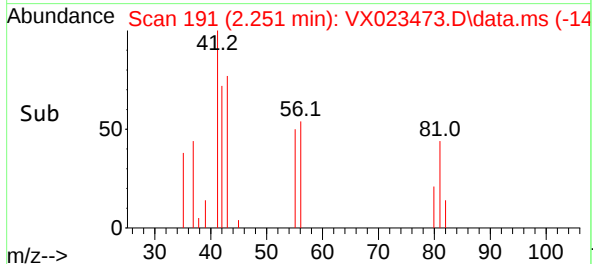
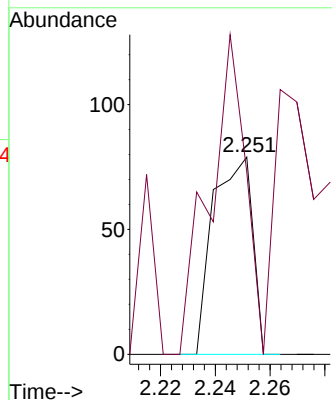
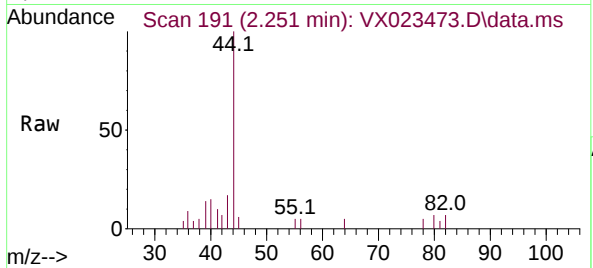




#13
Acrolein
Concen: 1.689 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

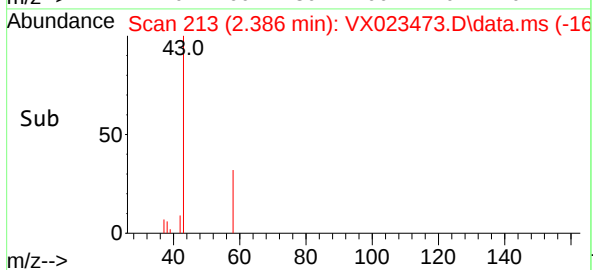
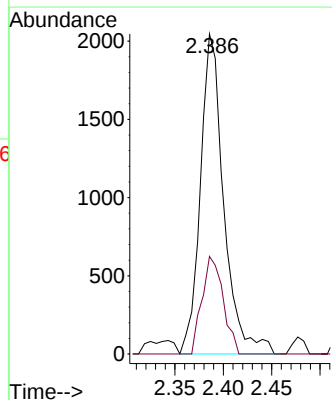
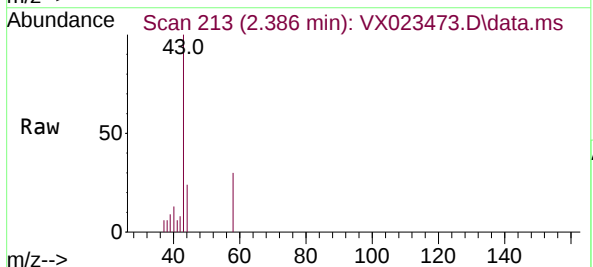
Instrument :
MSVOA_X
ClientSampleId :

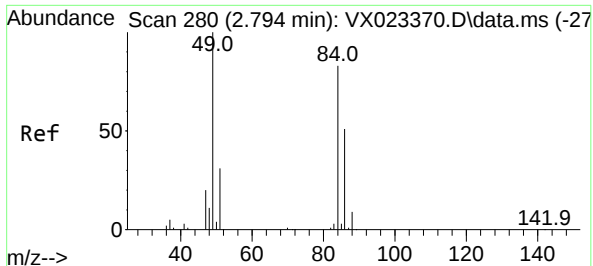
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 148.1 56.4 84.6#



#16
Acetone
Concen: 3.380 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8

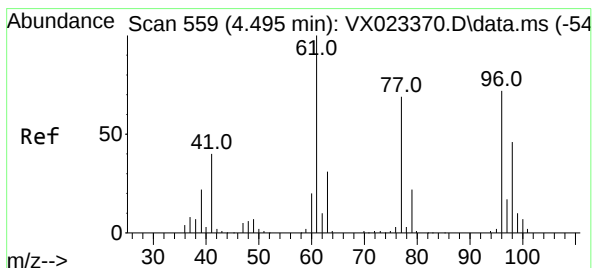
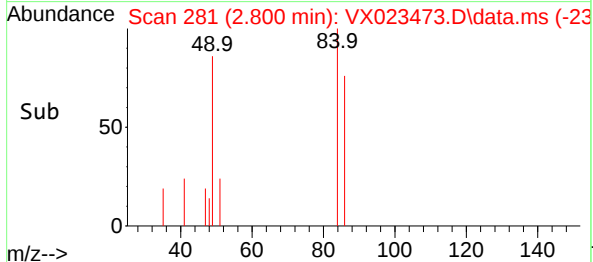
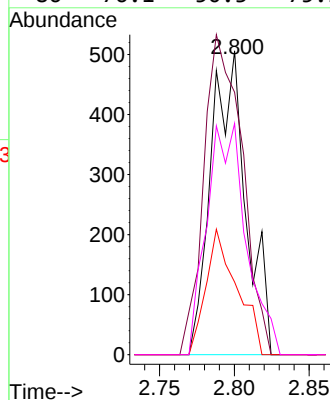
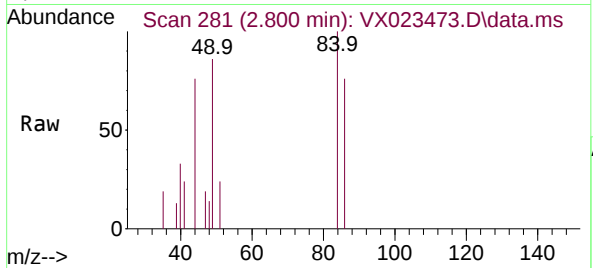




#20
Methylene Chloride
Concen: 0.413 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

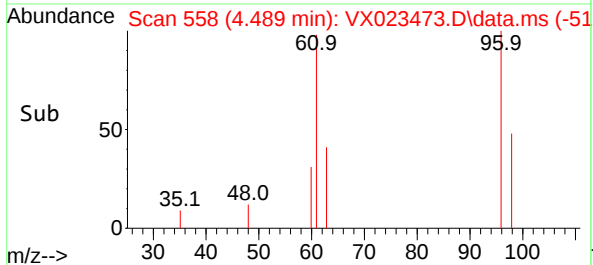
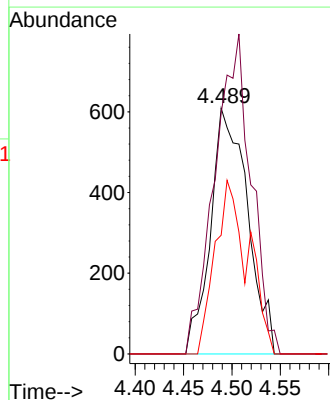
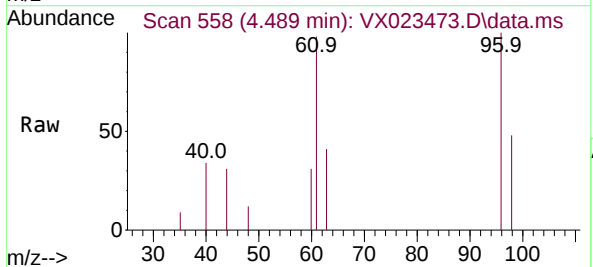
Instrument :
MSVOA_X
ClientSampled :

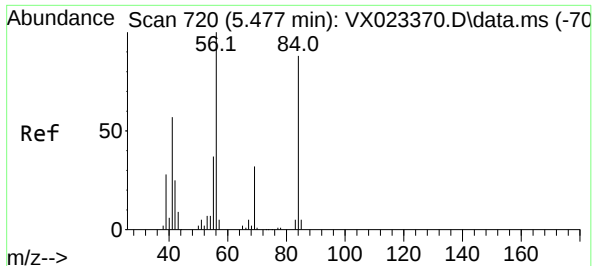
Tgt Ion: 84	Resp: 818
Ion Ratio	Lower Upper
84 100	
49 86.4	88.6 132.8#
51 23.9	27.0 40.6#
86 76.1	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 0.800 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 96	Resp: 1616
Ion Ratio	Lower Upper
96 100	
61 128.2	0.0 285.6
98 63.4	0.0 129.6

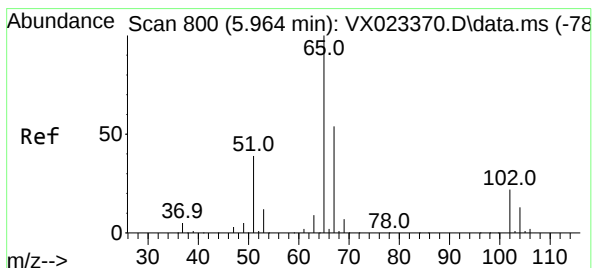
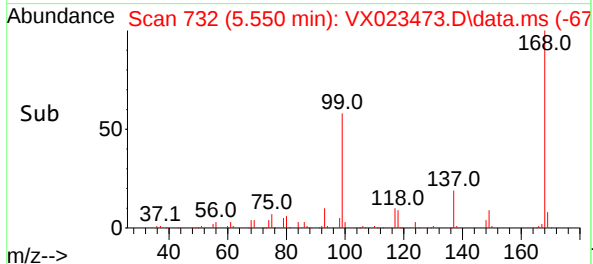
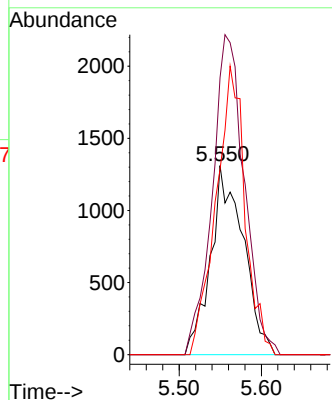
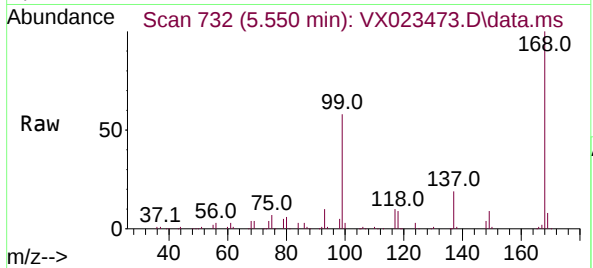




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

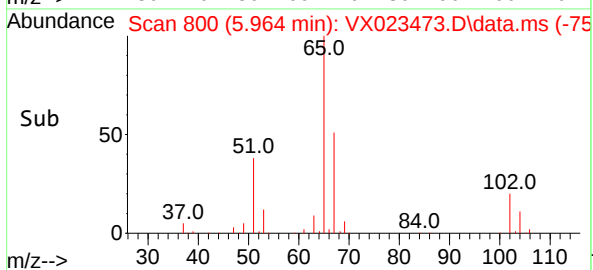
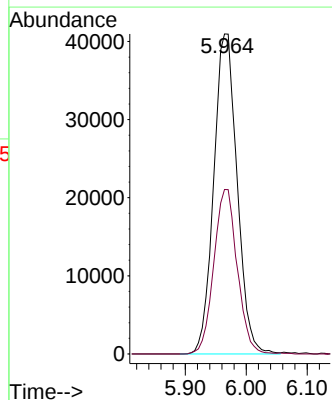
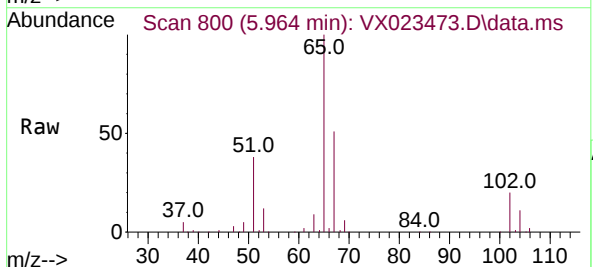
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MSVOA_X
ClientSampled :

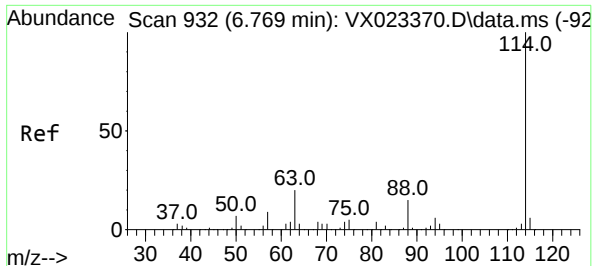
Tgt Ion: 56 Resp: 3613
Ion Ratio Lower Upper
56 100
69 146.5 25.3 37.9#
84 98.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 65 Resp: 109265
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

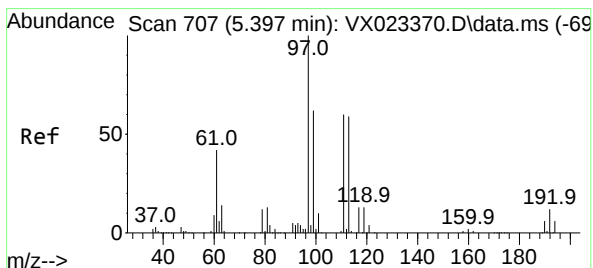
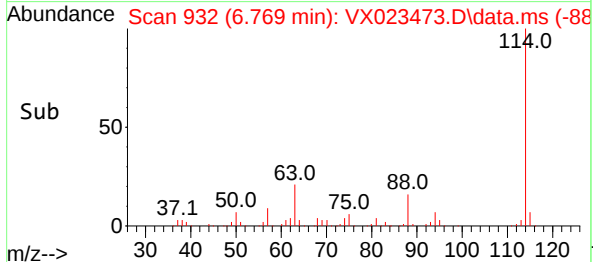
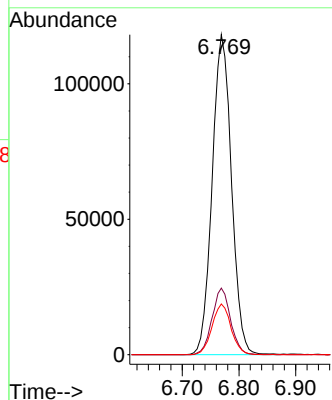
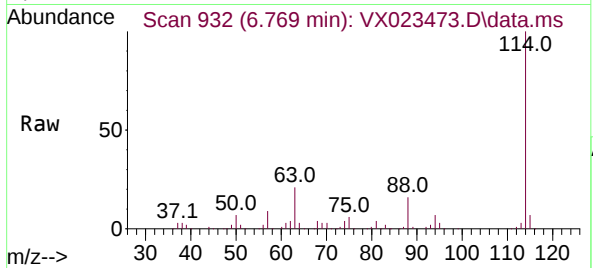




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

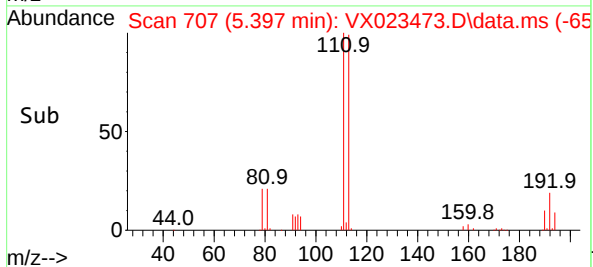
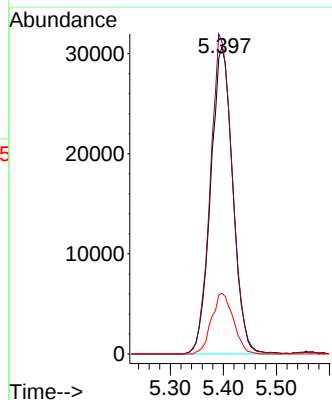
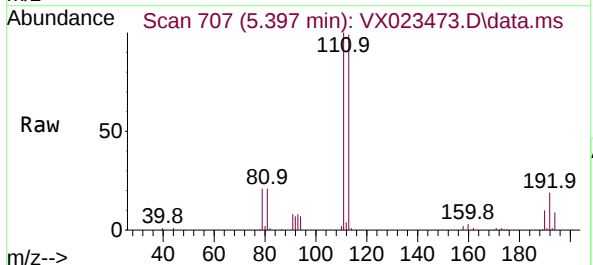
Instrument :
MSVOA_X
ClientSampleId :

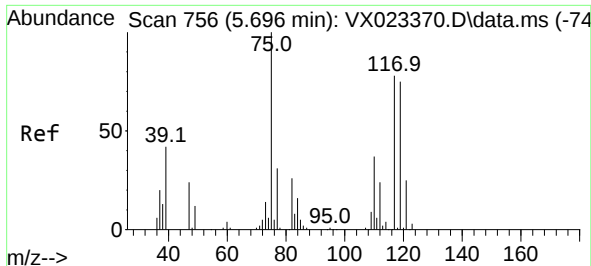
Tgt Ion:114 Resp: 278930
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.793 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion:113 Resp: 88583
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.5 16.7 25.1

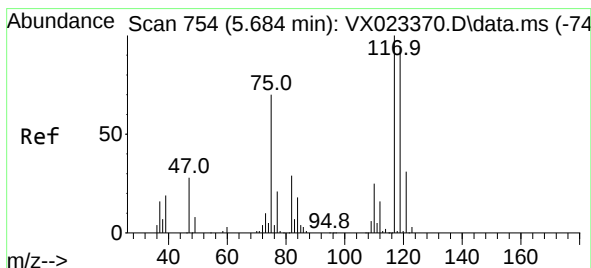
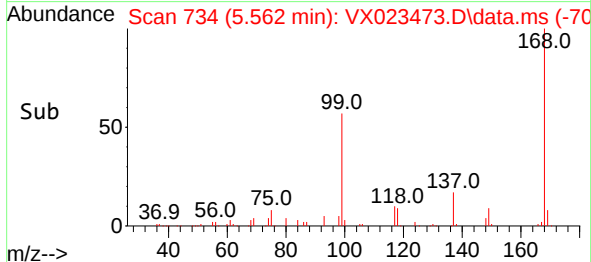
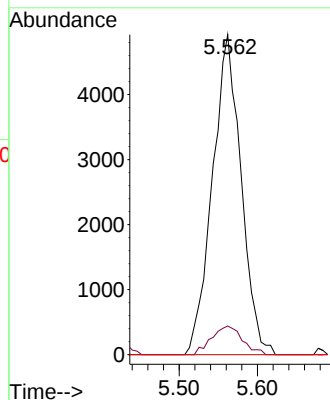
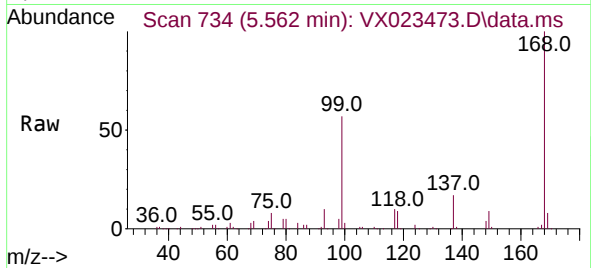




#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

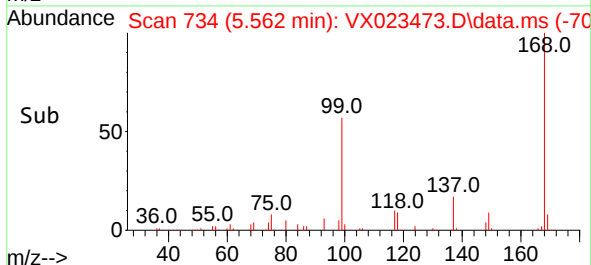
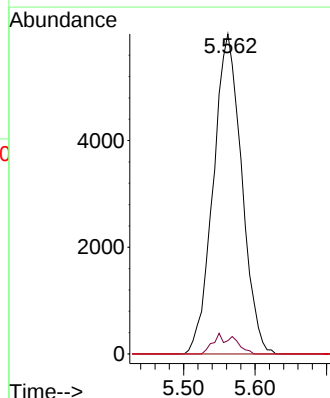
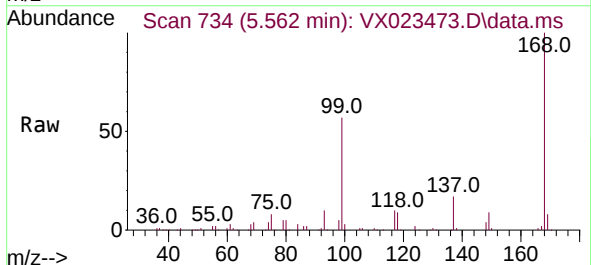
Instrument :
MSVOA_X
ClientSampled :

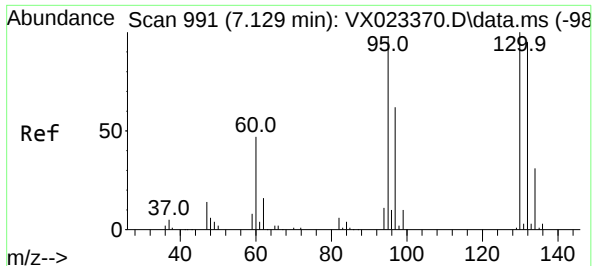
Tgt Ion: 75 Resp: 12533
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.451 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 117 Resp: 16554
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

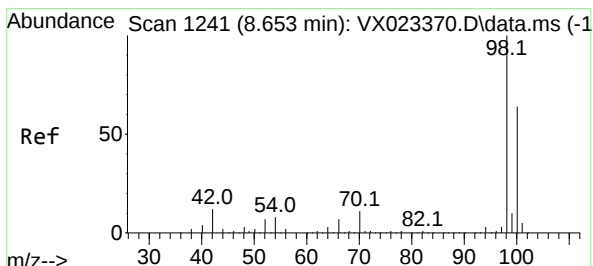
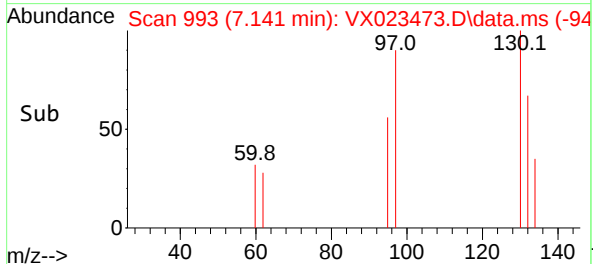
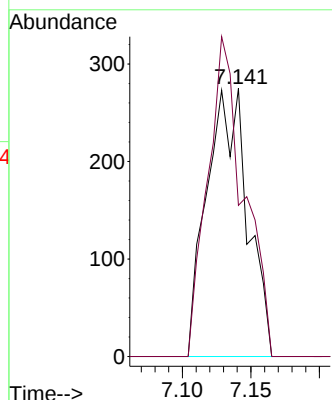
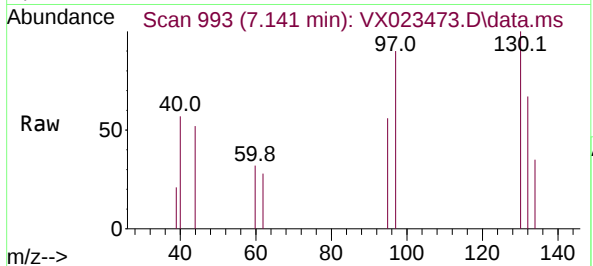




#44
Trichloroethene
Concen: 0.275 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

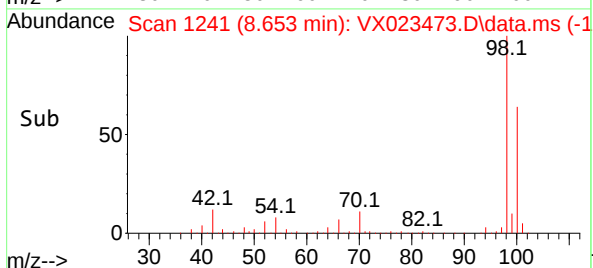
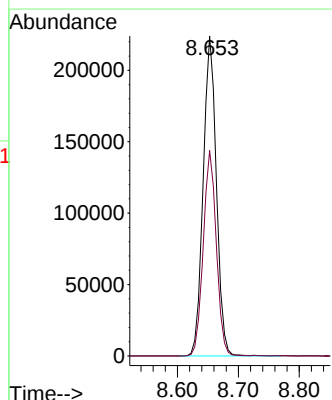
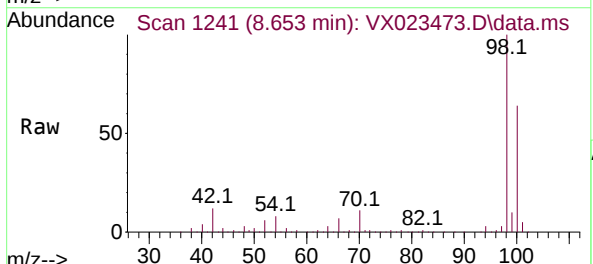
Instrument :
MSVOA_X
ClientSampleId :

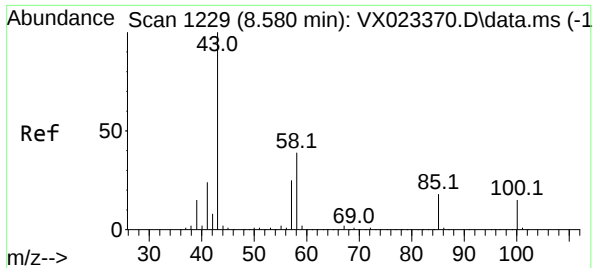
Tgt Ion:130 Resp: 566
Ion Ratio Lower Upper
130 100
95 56.4 0.0 198.0



#50
Toluene-d8
Concen: 52.673 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 98 Resp: 337504
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

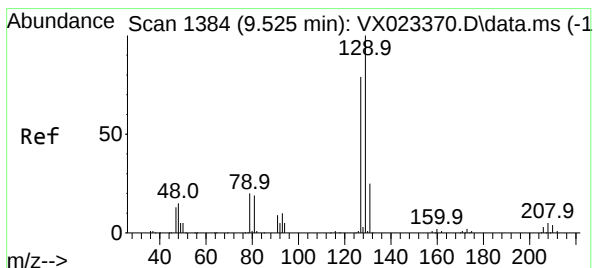
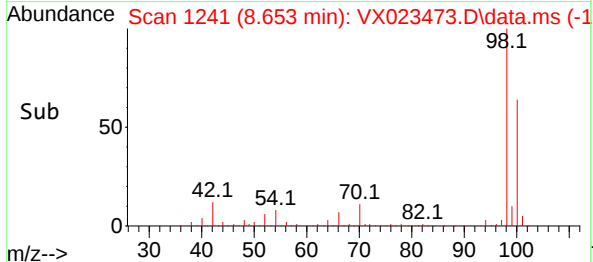
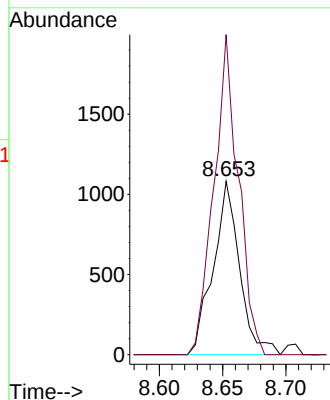
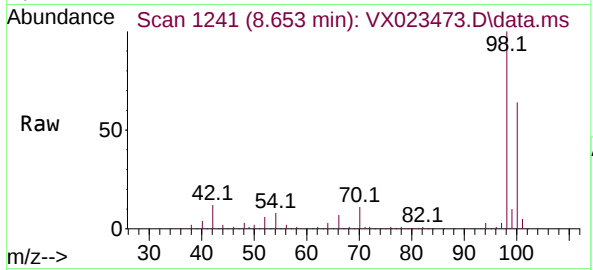




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

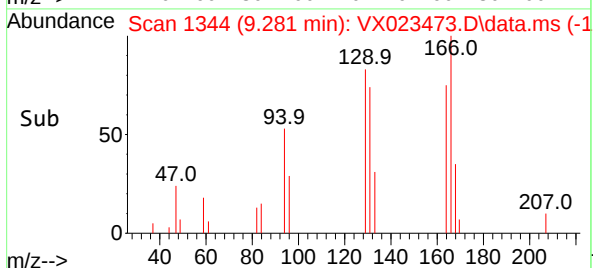
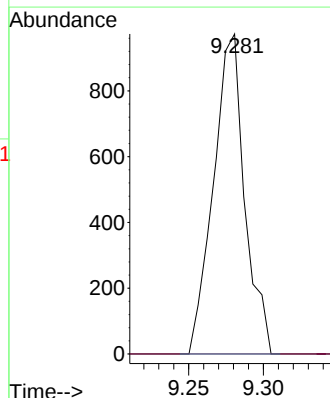
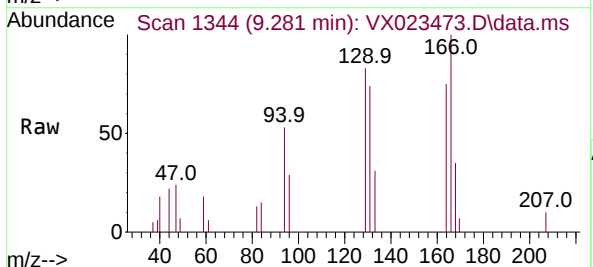
Instrument :
MSVOA_X
ClientSampled :

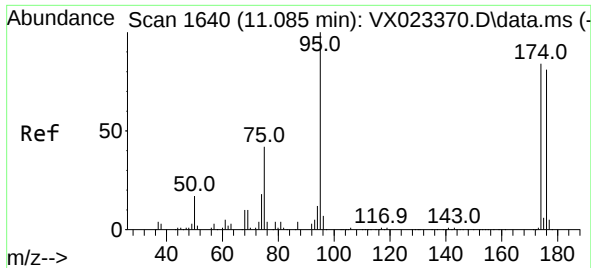
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 171.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.636 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 129 Resp: 1414
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

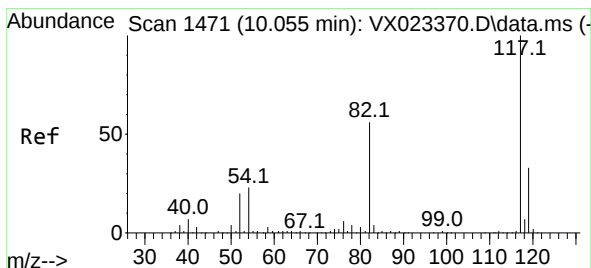
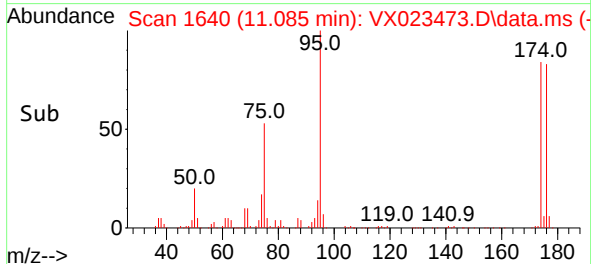
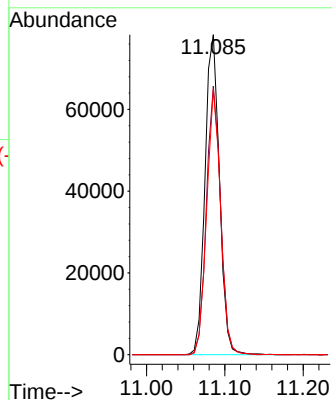
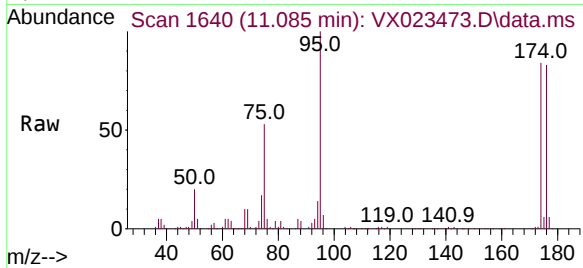




#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

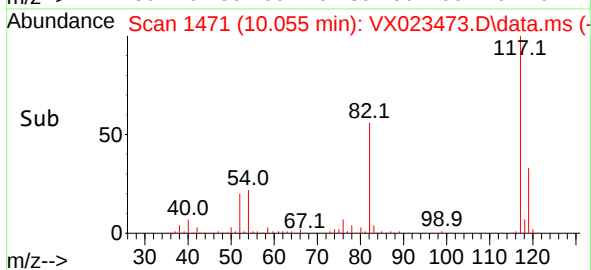
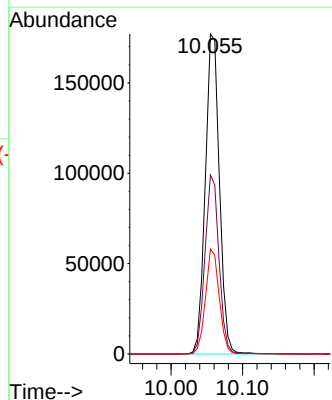
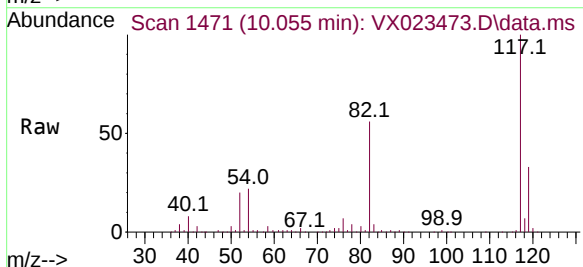
Instrument :
MSVOA_X
ClientSampleId :

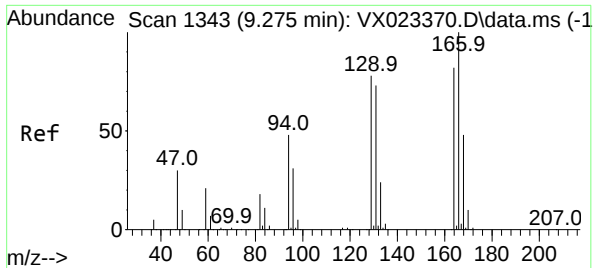
Tgt Ion: 95 Resp: 100066
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

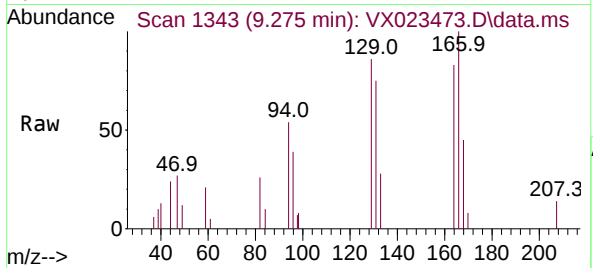
Tgt Ion: 117 Resp: 243471
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.8 26.6 39.8



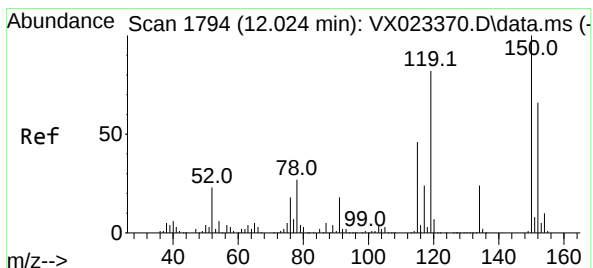
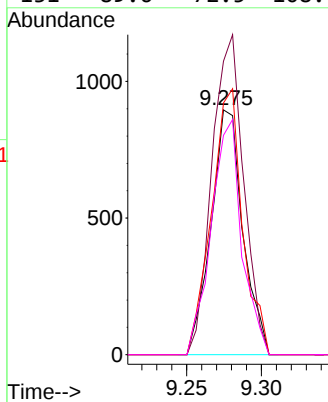
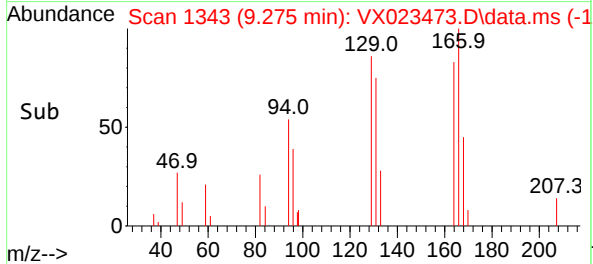


#64
Tetrachloroethene
Concen: 0.684 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

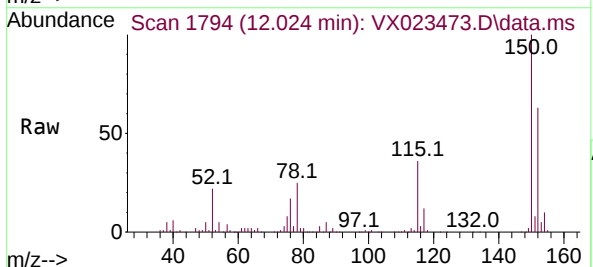
Instrument :
MSVOA_X
ClientSampleId :



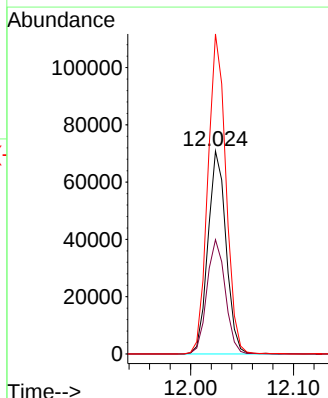
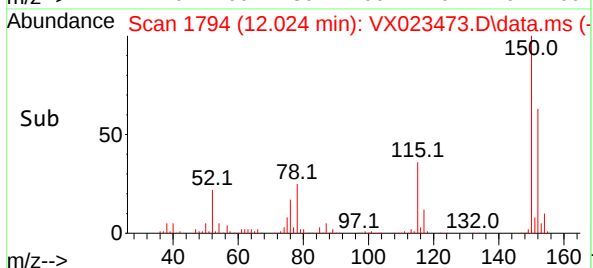
Tgt Ion:	164	Resp:	1325
Ion	Ratio	Lower	Upper
164	100		
166	119.9	103.4	155.2
129	102.8	70.8	106.2
131	89.6	72.5	108.7

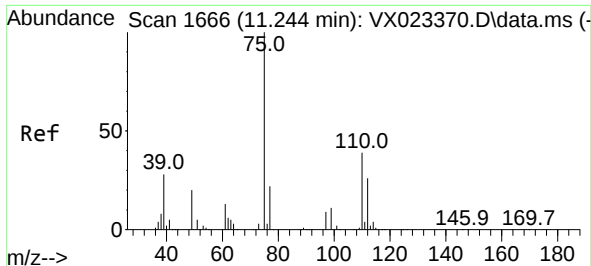


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39



Tgt Ion:	152	Resp:	86366
Ion	Ratio	Lower	Upper
152	100		
115	57.3	41.1	123.3
150	157.6	0.0	349.0

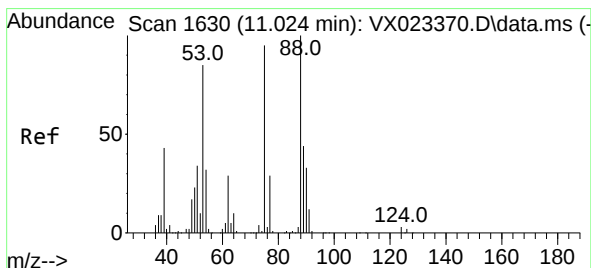
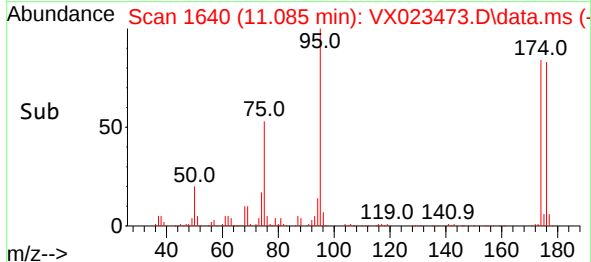
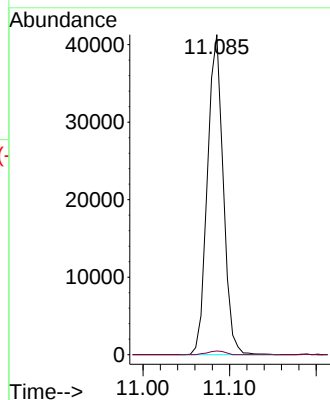
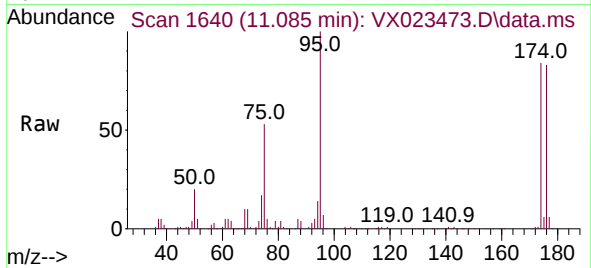




#76
1,2,3-Trichloropropane
Concen: 27.521 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 52305
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023473.D
Acq: 27 Jul 2021 13:39

Tgt Ion: 75 Resp: 52305
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

