

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024368.D
 Acq On : 20 Sep 2021 23:32
 Operator : JC/MD
 Sample : VX0920WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBL02

Quant Time: Sep 21 08:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

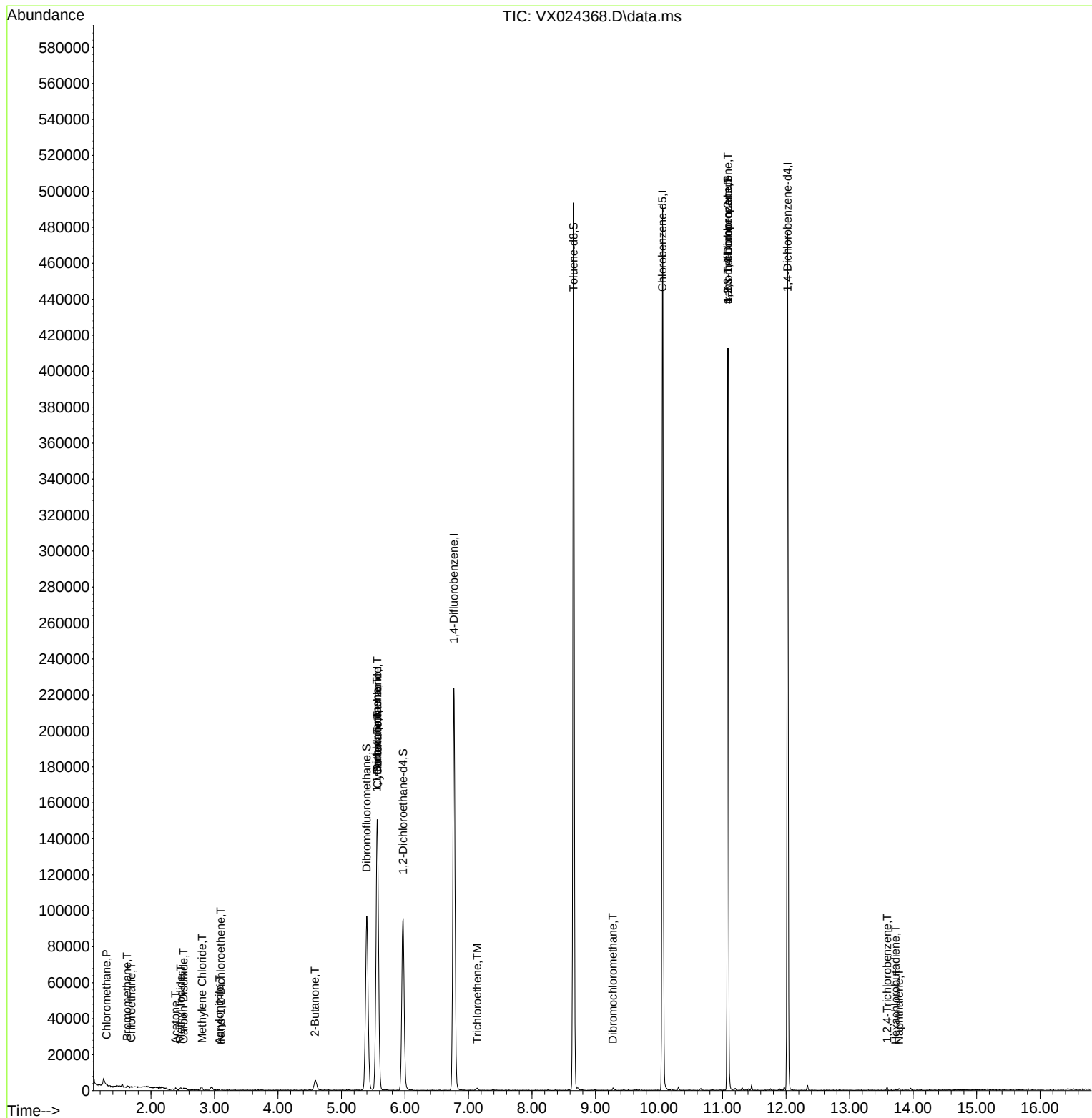
Internal Standards						
1) Pentafluorobenzene	5.562	168	138166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	97185	49.327	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.397	113	82868	56.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	112.680%		
50) Toluene-d8	8.653	98	272528	50.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.085	95	102600	49.205	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.400%		
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	278	0.200	ug/l #	69
5) Bromomethane	1.624	94	571	0.695	ug/l #	76
6) Chloroethane	1.691	64	186	2.161	ug/l #	43
10) Methyl Iodide	2.465	142	1382	0.734	ug/l	89
11) Tert butyl alcohol	2.959	59	1292	Below Cal	#	73
15) Acrylonitrile	3.081	53	216	0.268	ug/l #	69
16) Acetone	2.386	43	1131	1.346	ug/l #	73
17) Carbon Disulfide	2.514	76	1399	0.438	ug/l #	93
20) Methylene Chloride	2.806	84	742	0.460	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	282	0.202	ug/l #	76
25) 2-Butanone	4.581	43	349	0.282	ug/l #	45
31) Cyclohexane	5.568	56	2988	1.297	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	11554	5.730	ug/l #	48
38) Carbon Tetrachloride	5.562	117	14836	6.537	ug/l #	15
44) Trichloroethene	7.135	130	505	0.311	ug/l	61
60) Dibromochloromethane	9.275	129	235	1.850	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56267	26.171	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56267	76.968	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	501	0.276	ug/l	97
94) Hexachlorobutadiene	13.725	225	190	0.210	ug/l	72
95) Naphthalene	13.780	128	820	1.407	ug/l #	88

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
Data File : VX024368.D
Acq On : 20 Sep 2021 23:32
Operator : JC/MD
Sample : VX0920WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

Quant Time: Sep 21 08:44:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

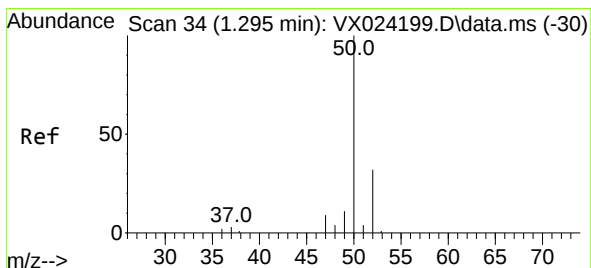
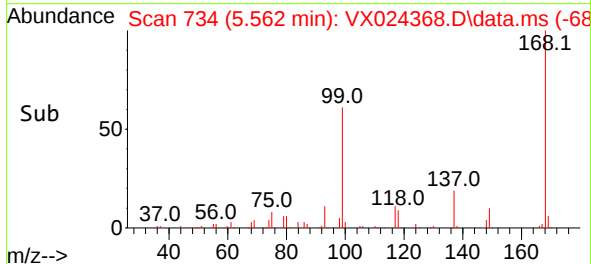
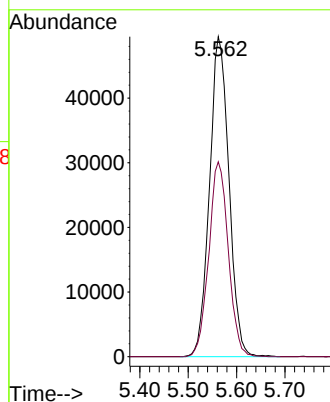
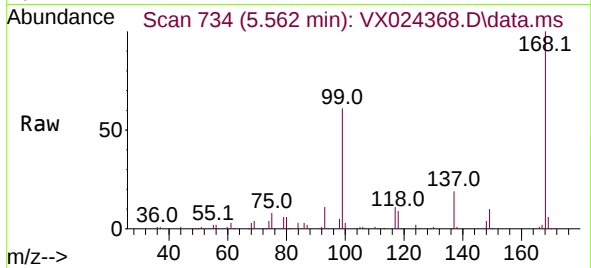




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

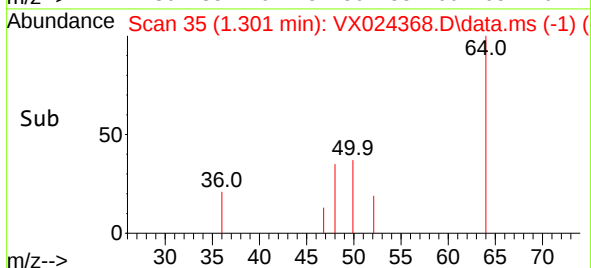
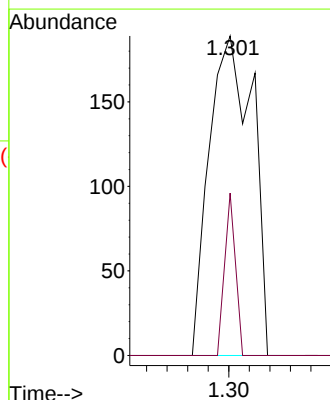
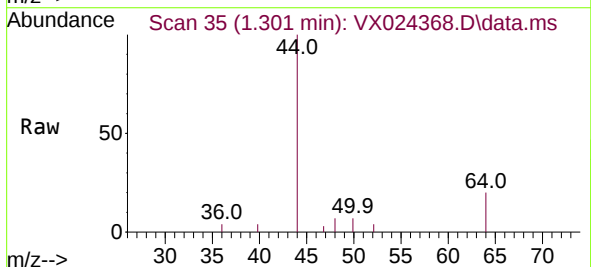
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

Tgt Ion:168 Resp: 138166
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 50 Resp: 278
Ion Ratio Lower Upper
50 100
52 50.8 26.4 39.6#

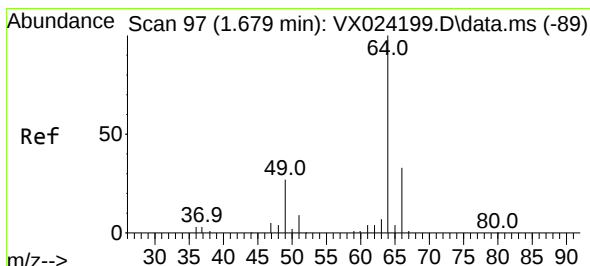
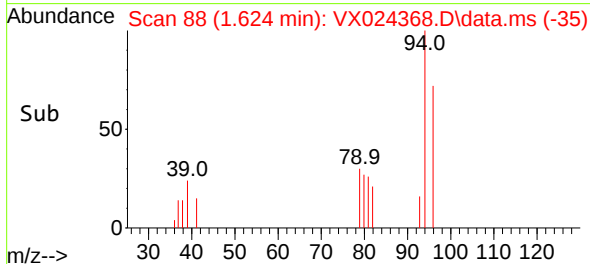
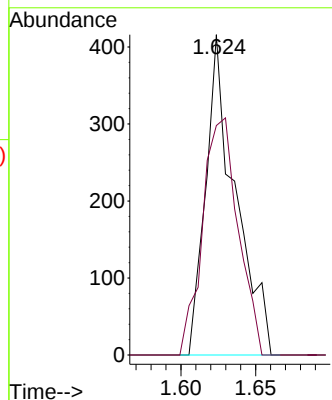
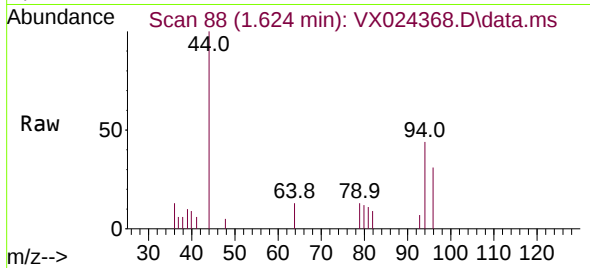




#5
Bromomethane
Concen: 0.695 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

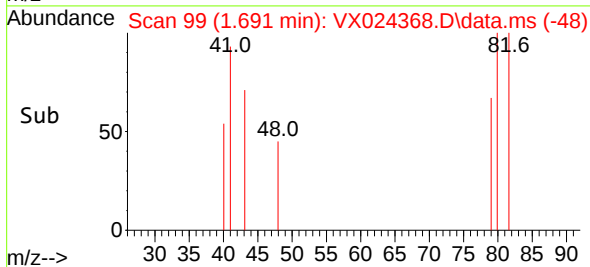
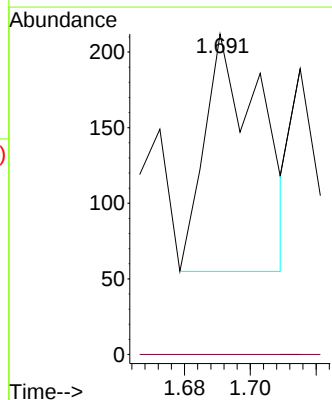
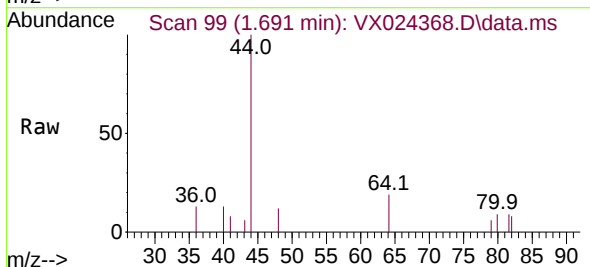
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

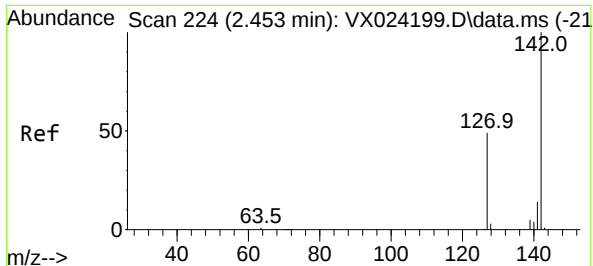
Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 71.6 76.4 114.6#



#6
Chloroethane
Concen: 2.161 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

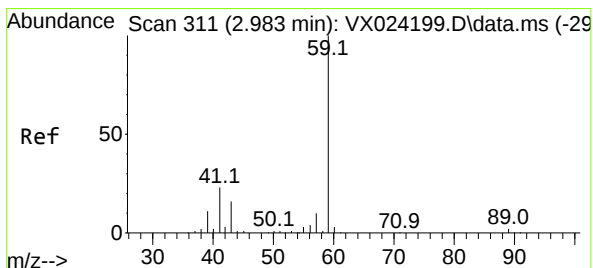
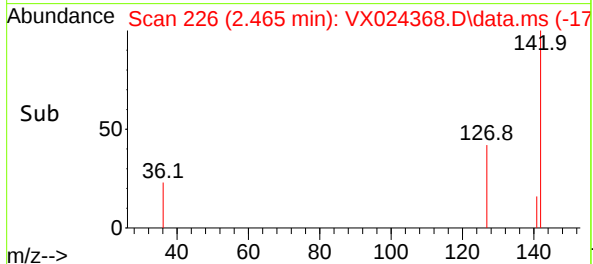
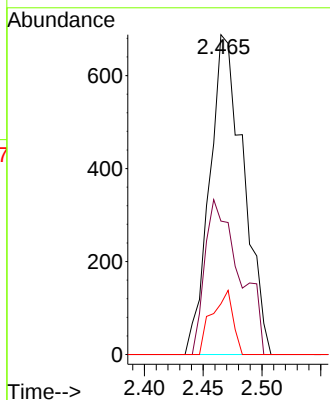
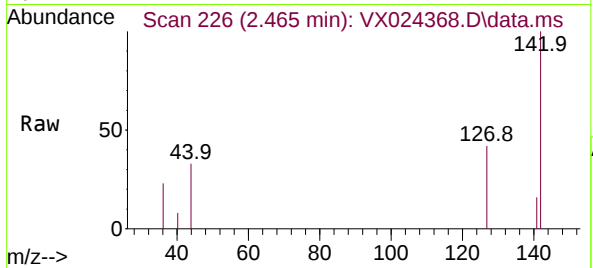




#10
Methyl Iodide
Concen: 0.734 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

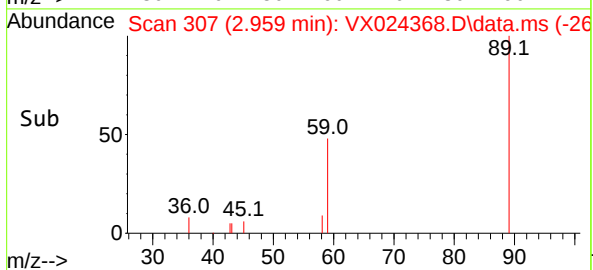
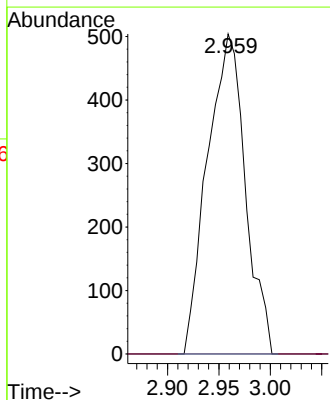
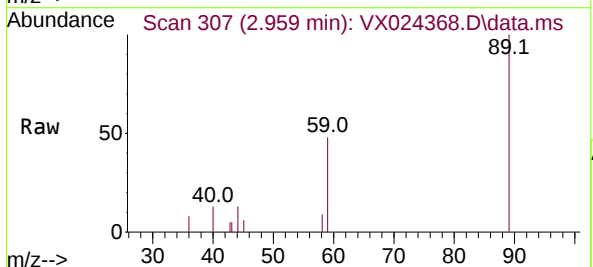
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

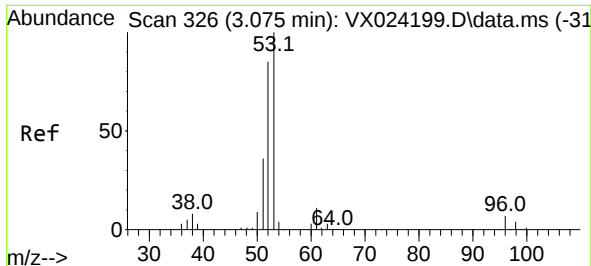
Tgt Ion:142 Resp: 1382
Ion Ratio Lower Upper
142 100
127 49.6 33.3 49.9
141 12.4 11.4 17.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 59 Resp: 1292
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

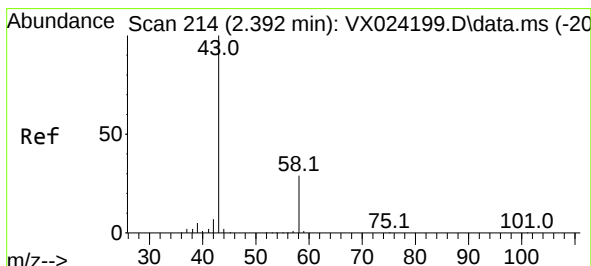
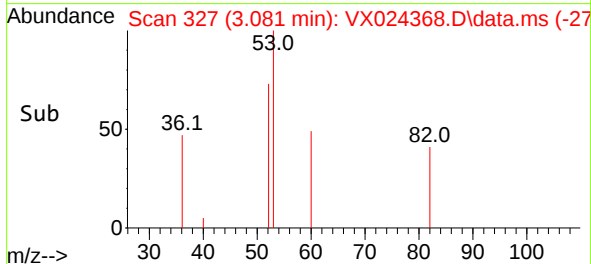
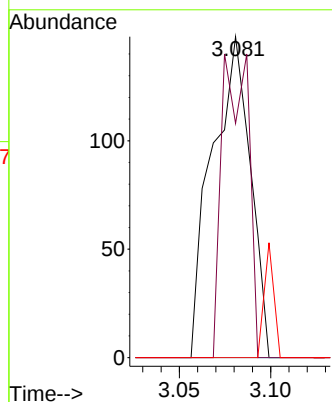
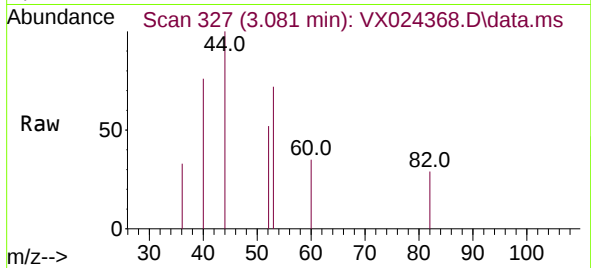




#15
Acrylonitrile
Concen: 0.268 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

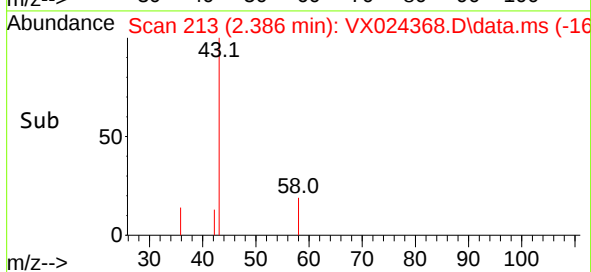
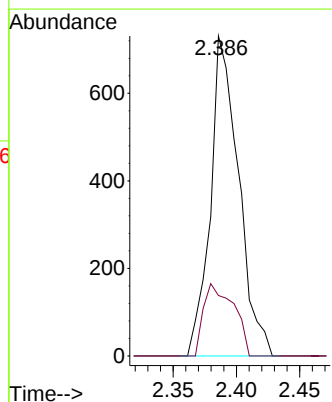
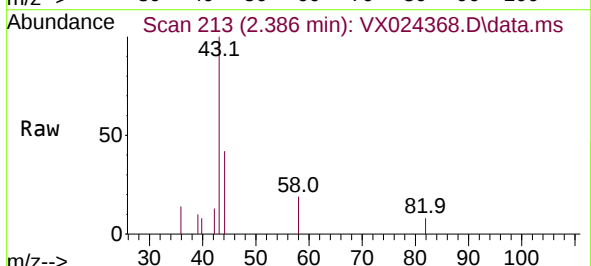
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

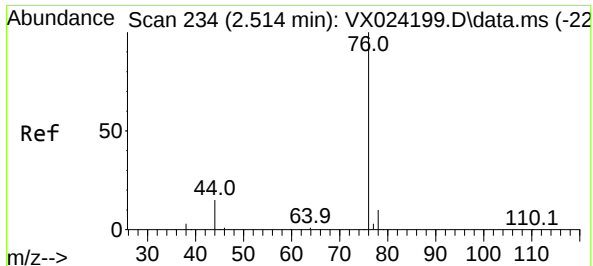
Tgt Ion: 53 Resp: 216
Ion Ratio Lower Upper
53 100
52 65.7 65.3 97.9
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.346 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 18.9 27.8 41.8#

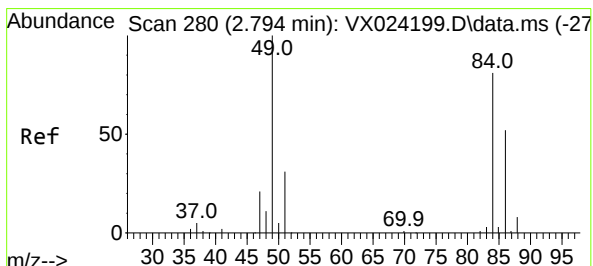
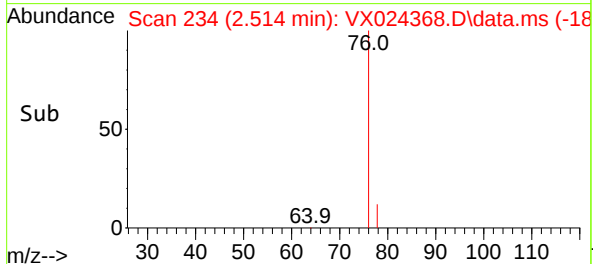
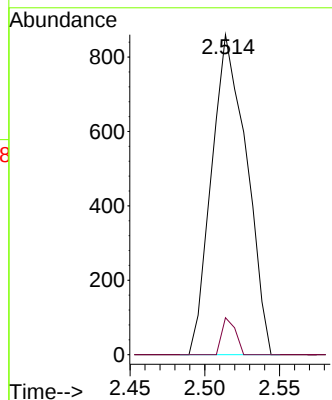
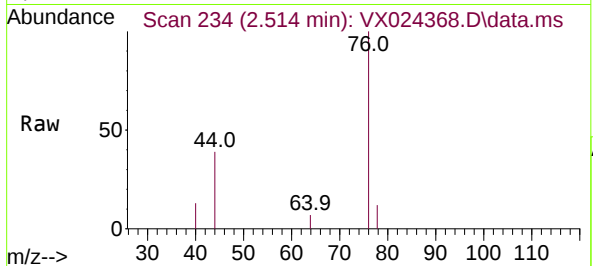




#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

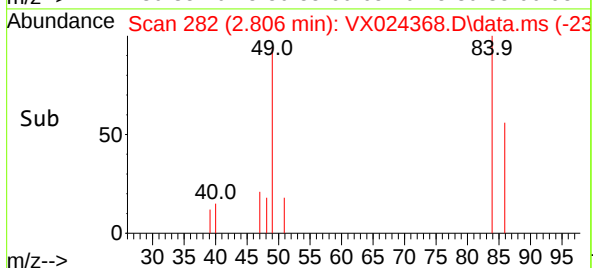
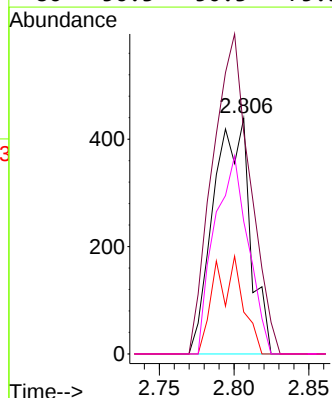
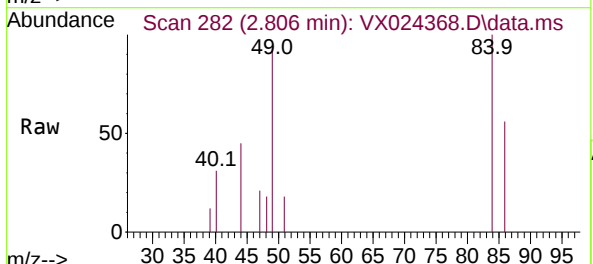
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

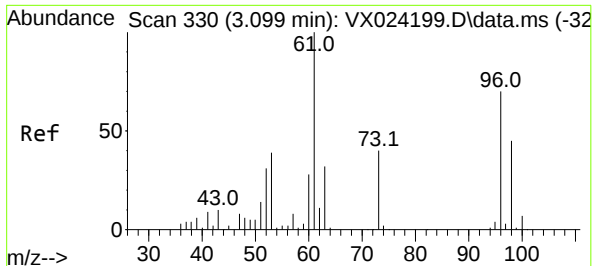
Tgt Ion: 76 Resp: 1399
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#



#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 94.1 88.6 132.8
51 17.8 27.0 40.6#
86 56.3 50.3 75.5

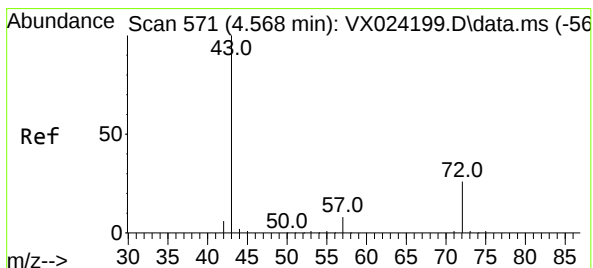
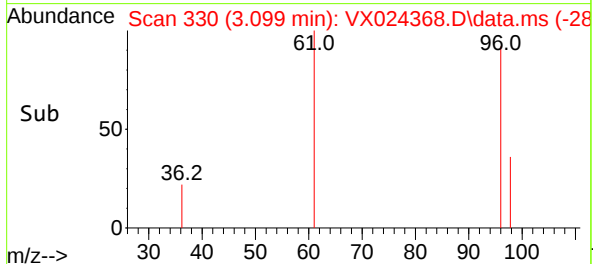
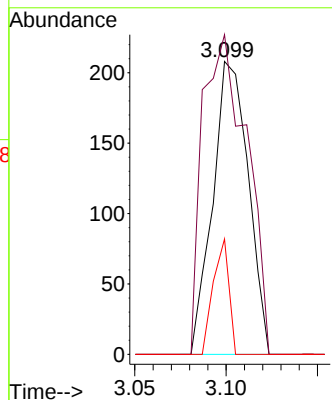
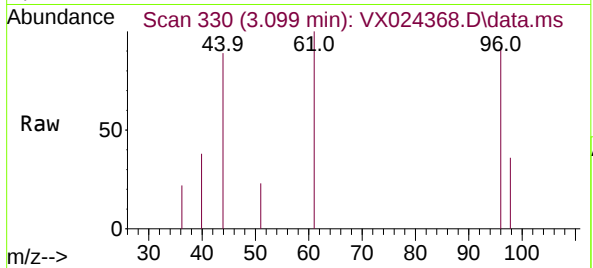




#21
trans-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

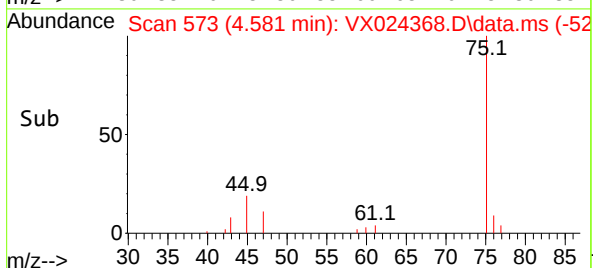
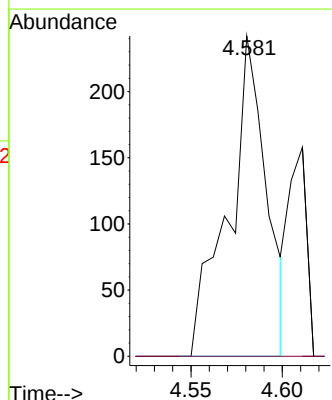
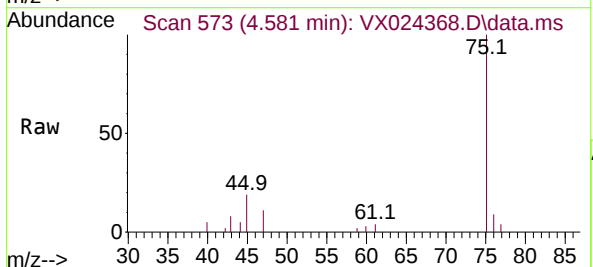
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

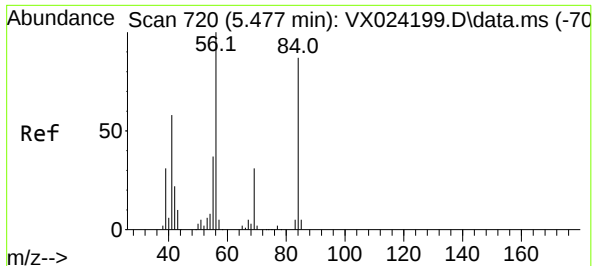
Tgt Ion: 96 Resp: 282
Ion Ratio Lower Upper
96 100
61 109.1 107.7 161.5
98 39.4 50.4 75.6#



#25
2-Butanone
Concen: 0.282 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

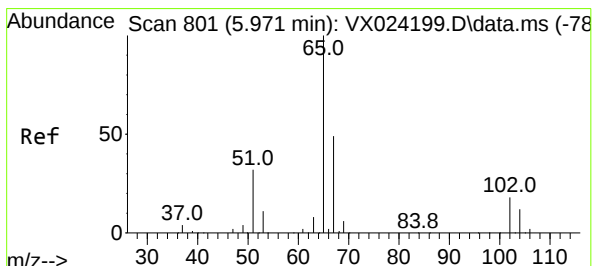
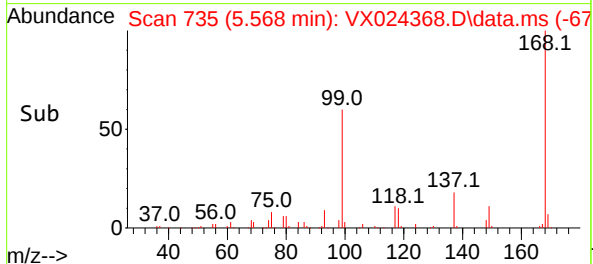
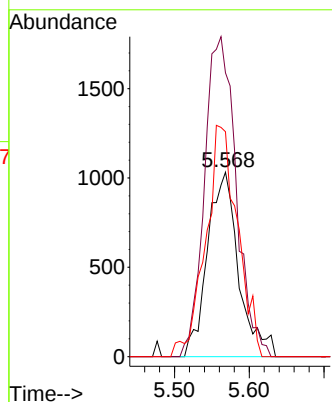
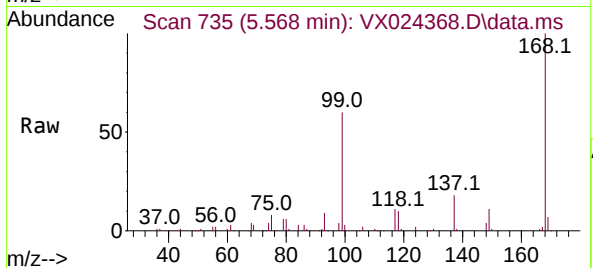




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

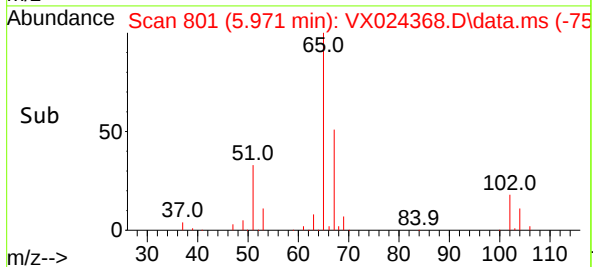
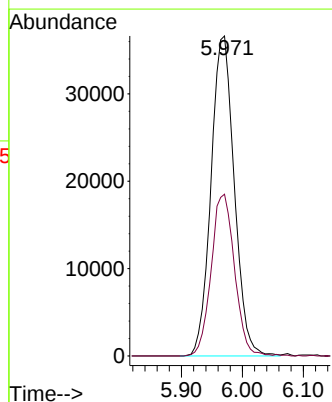
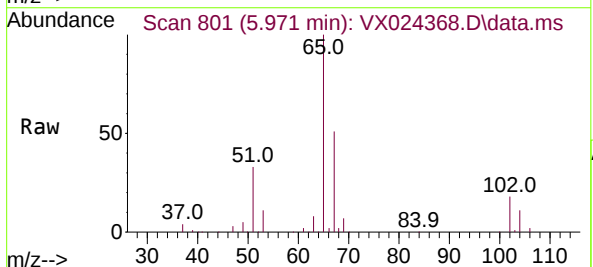
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

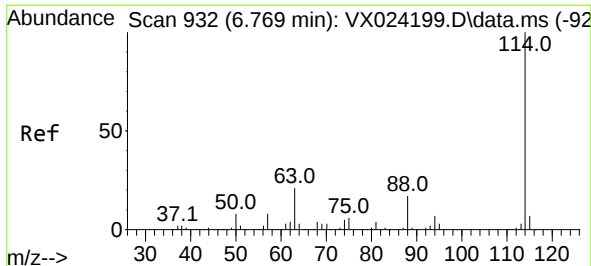
Tgt Ion: 56 Resp: 2988
Ion Ratio Lower Upper
56 100
69 154.0 25.3 37.9#
84 122.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.327 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 65 Resp: 97185
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

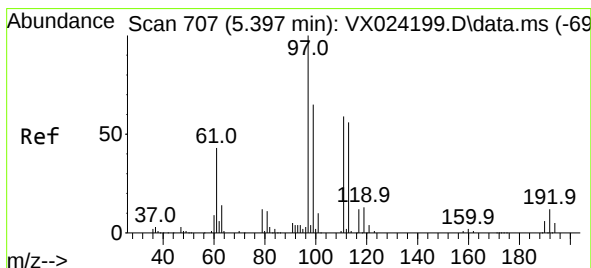
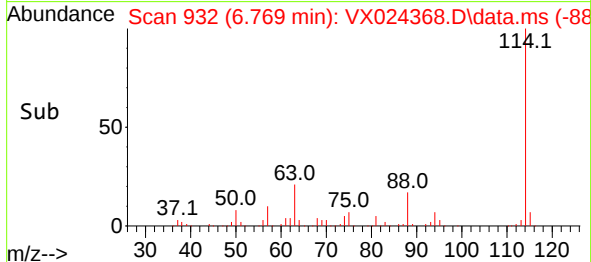
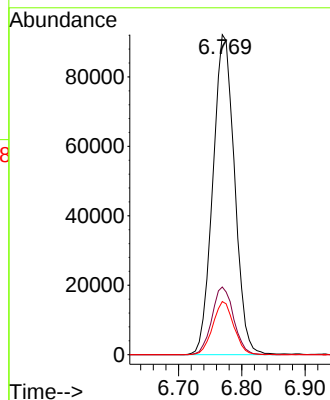
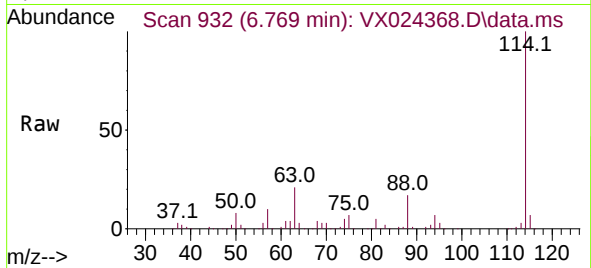




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

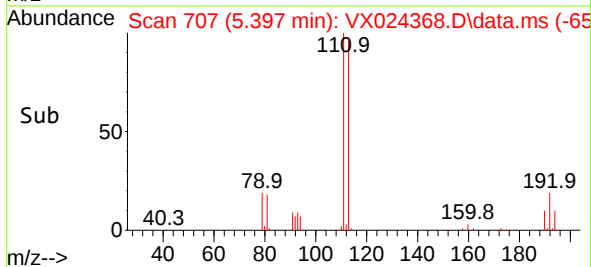
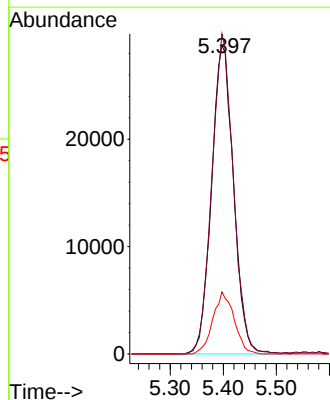
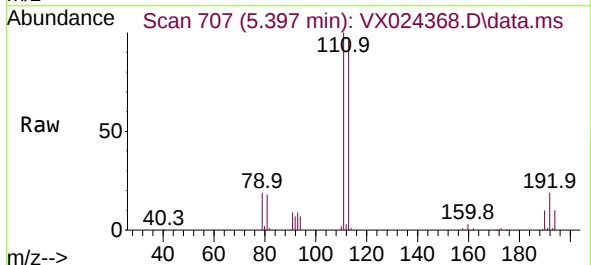
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

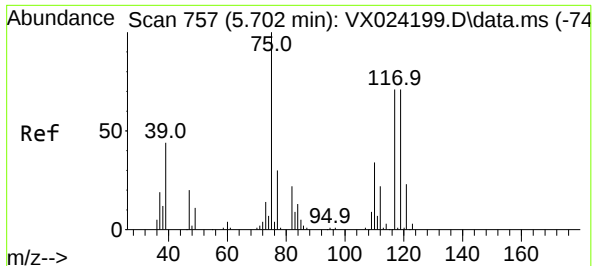
Tgt Ion:	114	Resp:	219311
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 56.342 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion:	113	Resp:	82868
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	19.4	16.7	25.1

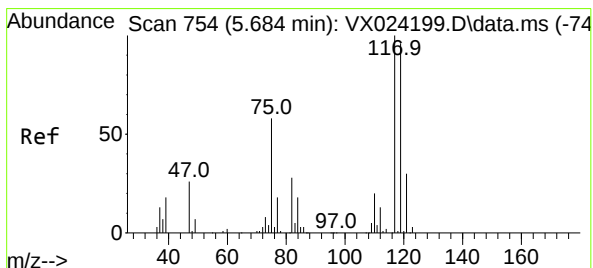
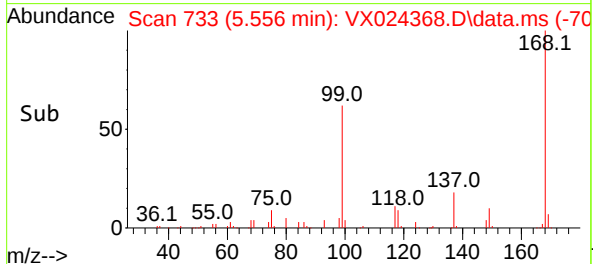
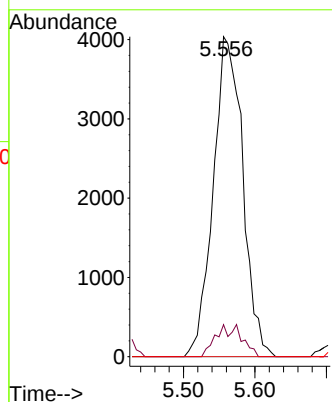
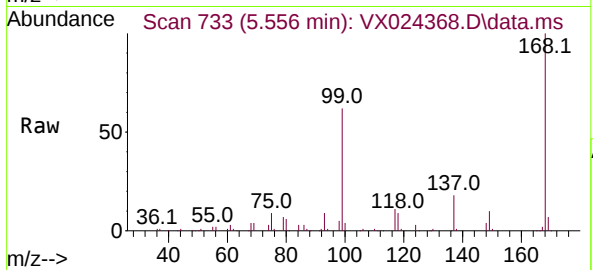




#36
1,1-Dichloropropene
Concen: 5.730 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

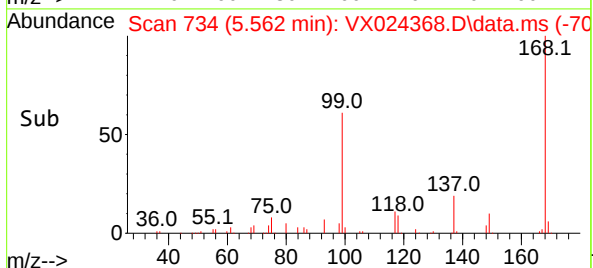
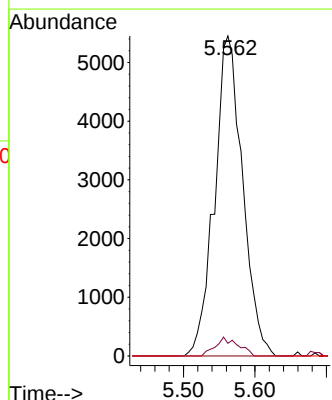
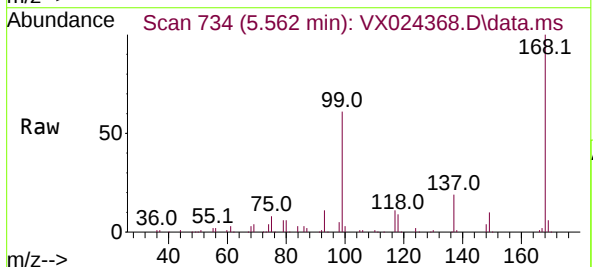
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

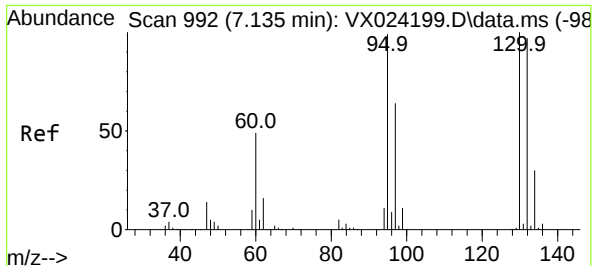
Tgt Ion: 75 Resp: 11554
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 117 Resp: 14836
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

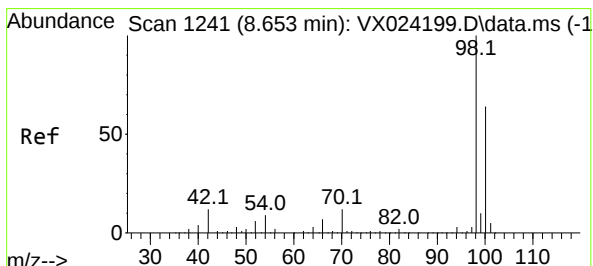
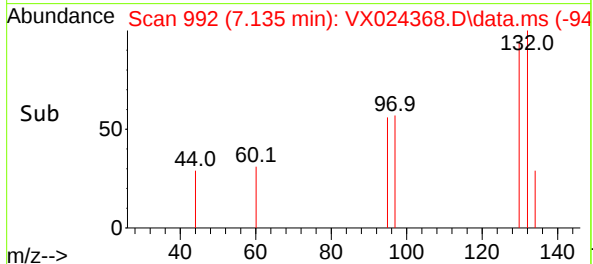
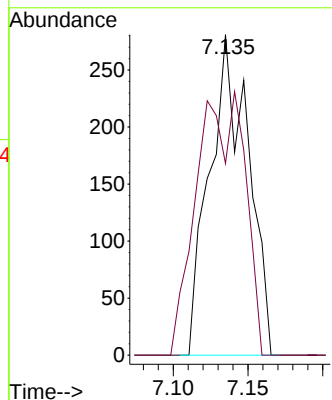
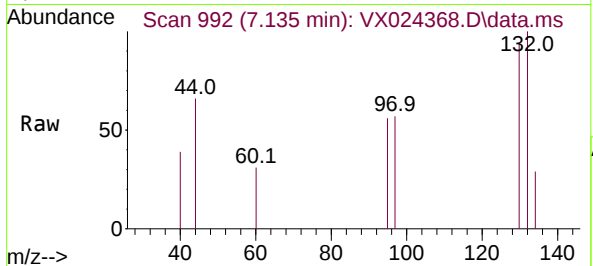




#44
Trichloroethene
Concen: 0.311 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

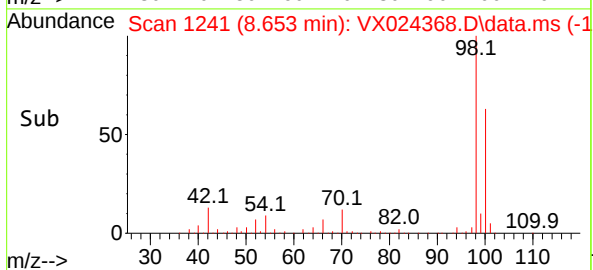
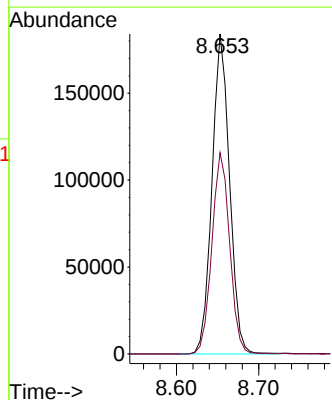
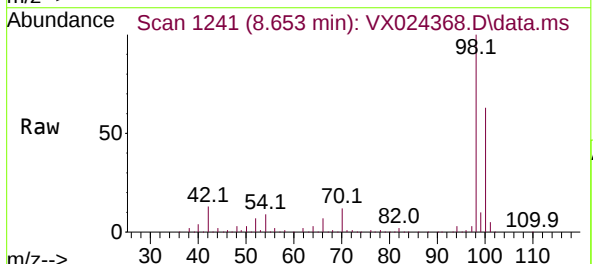
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

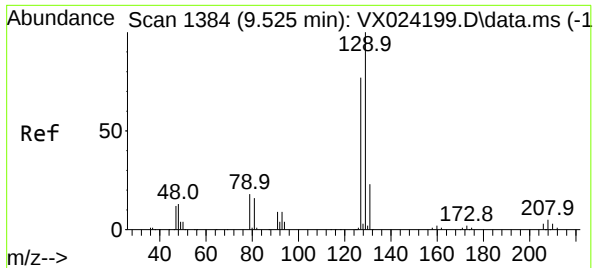
Tgt Ion:130 Resp: 505
Ion Ratio Lower Upper
130 100
95 59.8 0.0 198.0



#50
Toluene-d8
Concen: 50.863 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 98 Resp: 272528
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

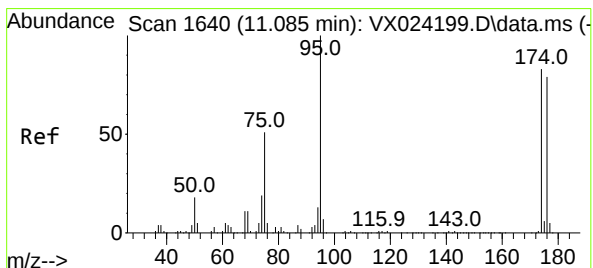
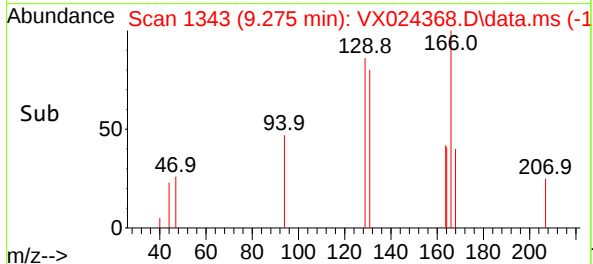
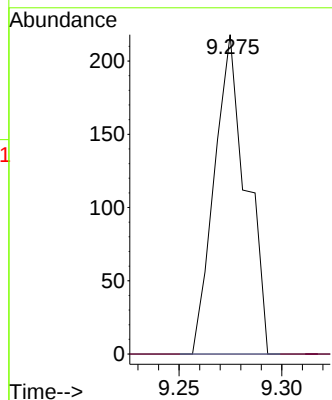
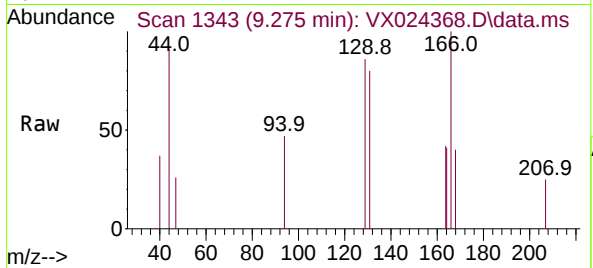




#60
Dibromochloromethane
Concen: 1.850 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

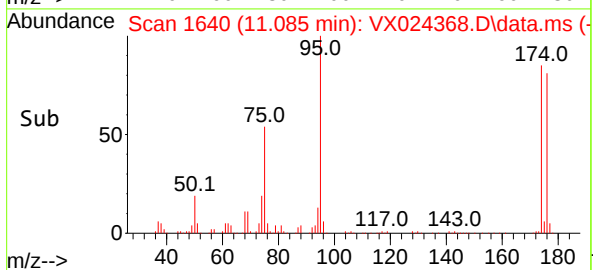
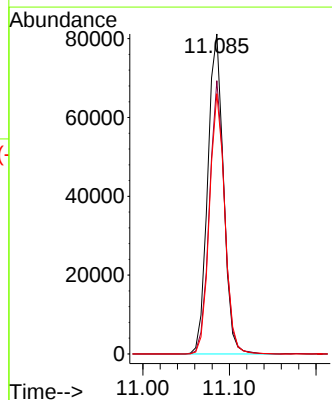
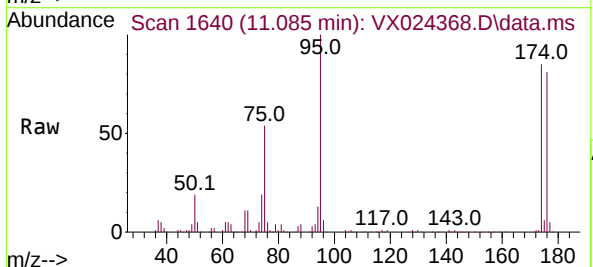
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

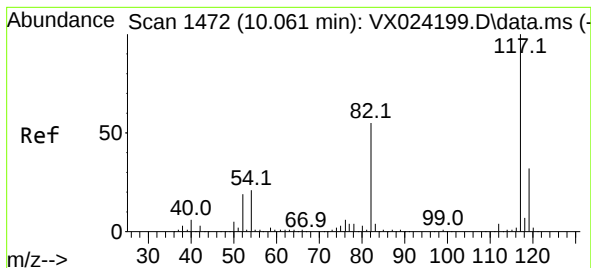
Tgt Ion:129 Resp: 235
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.205 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 95 Resp: 102600
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 79.2 0.0 155.8

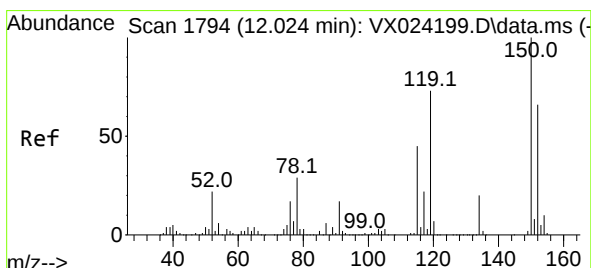
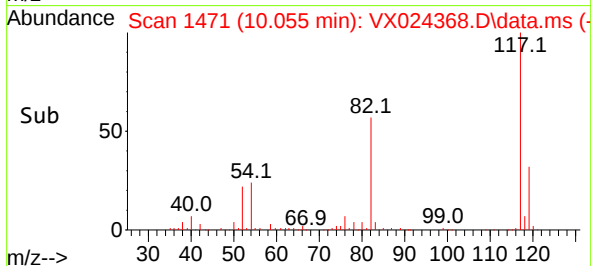
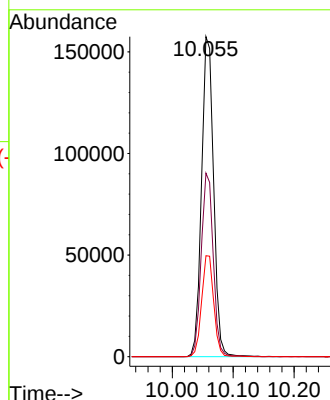
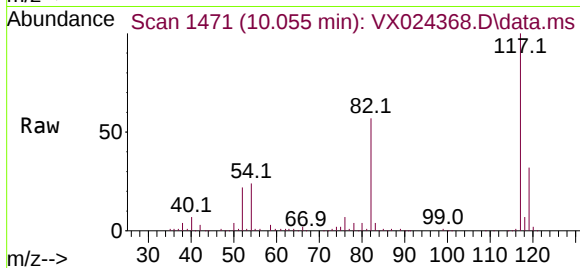




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

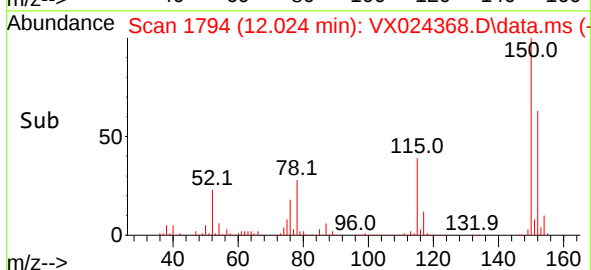
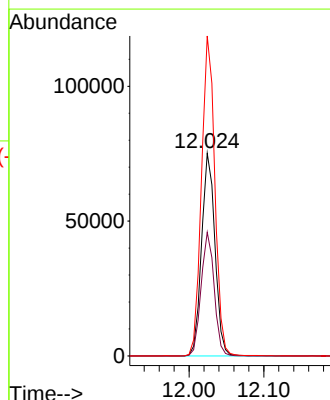
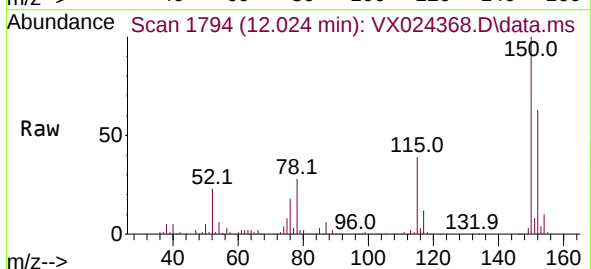
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

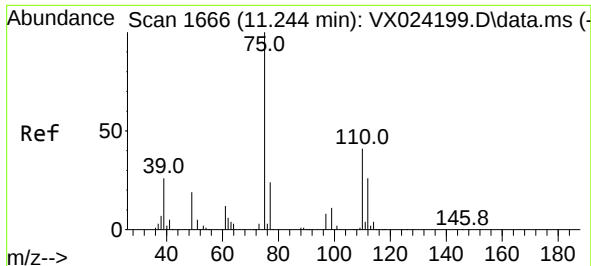
Tgt Ion:117 Resp: 215990
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion:152 Resp: 93503
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 157.6 0.0 349.0

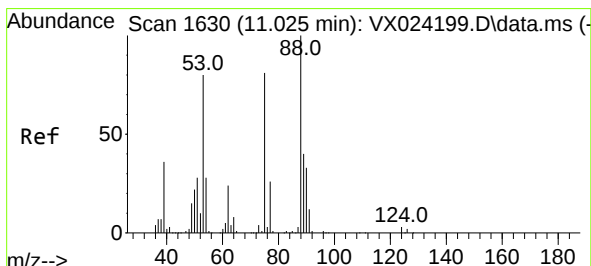
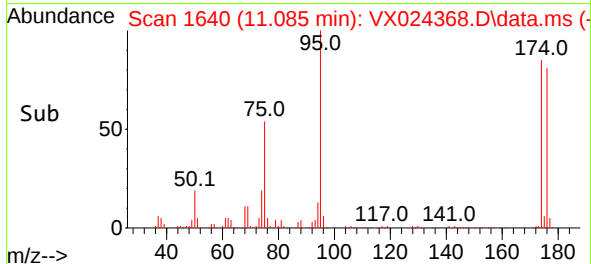
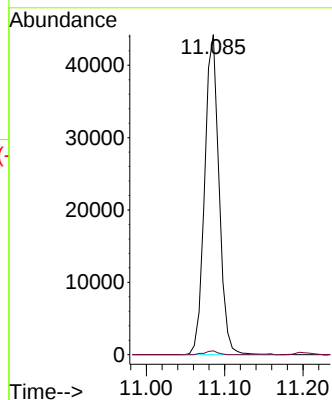
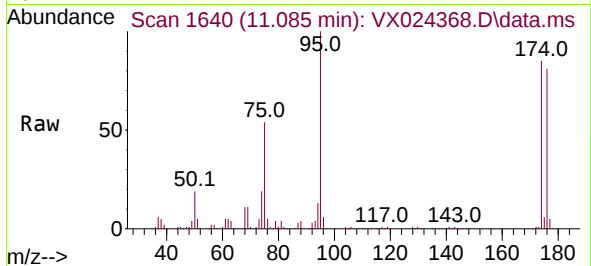




#76
1,2,3-Trichloropropane
Concen: 26.171 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

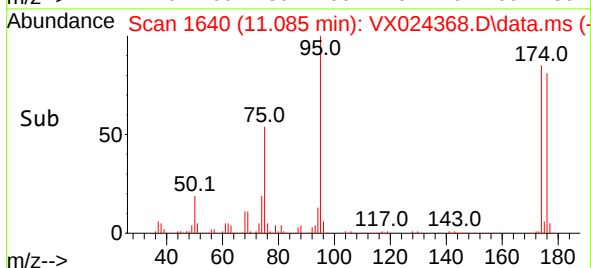
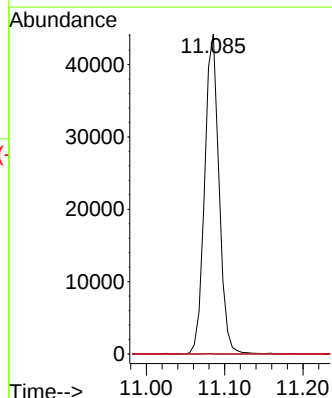
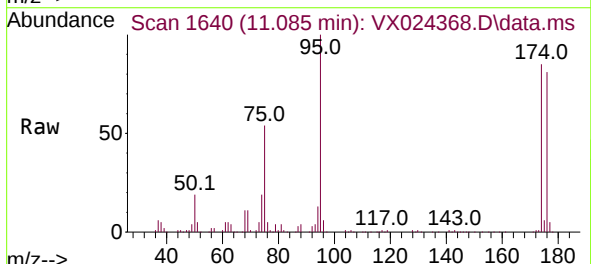
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

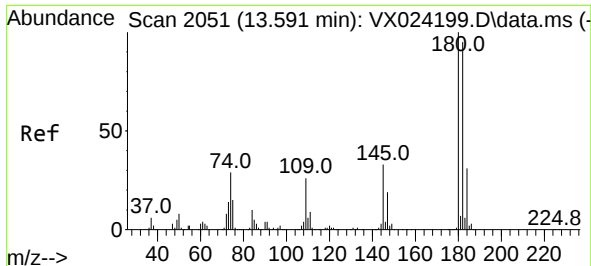
Tgt Ion: 75 Resp: 56267
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.968 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion: 75 Resp: 56267
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

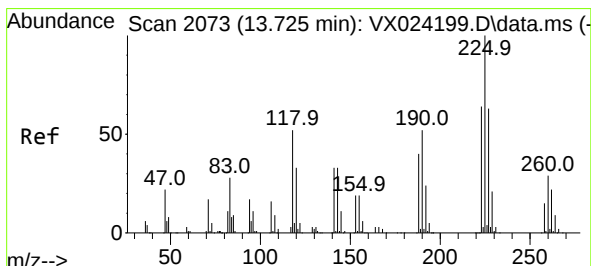
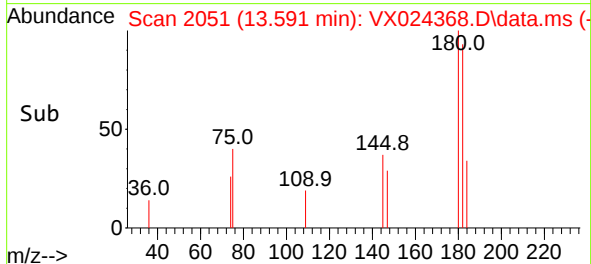
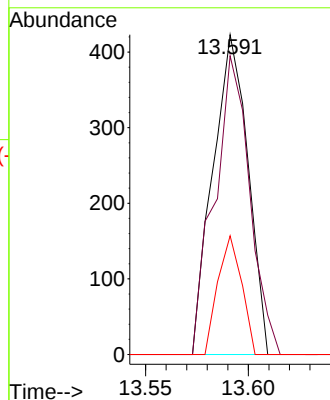
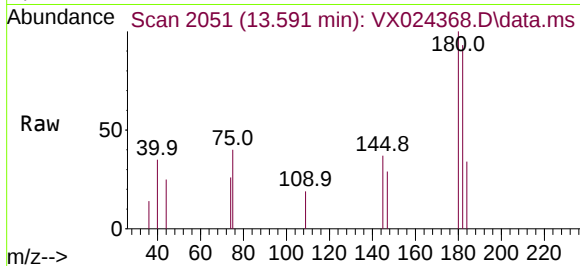




#93
1,2,4-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

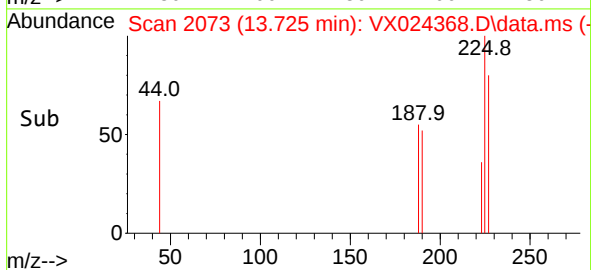
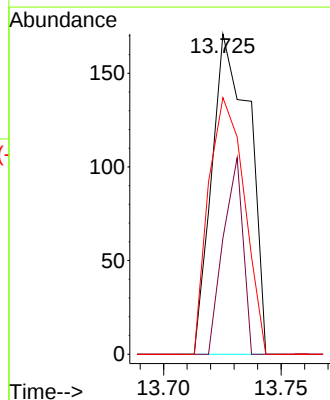
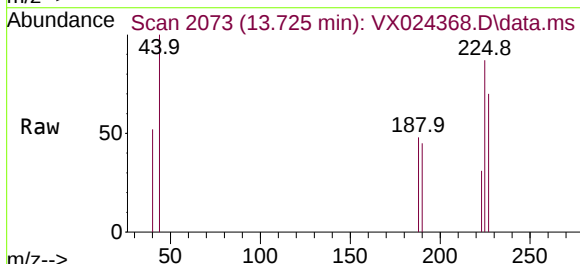
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

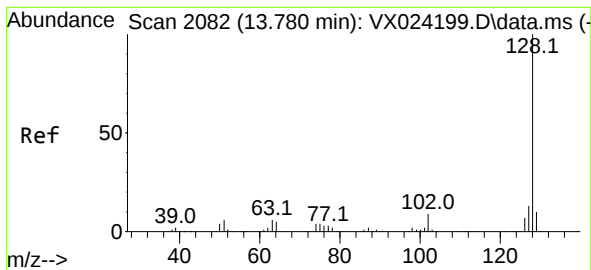
Tgt Ion:	180	Resp:	501
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	25.1	15.0	45.0



#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Tgt Ion:	225	Resp:	190
Ion	Ratio	Lower	Upper
225	100		
223	32.1	31.1	93.2
227	76.3	31.6	95.0





#95
Naphthalene
Concen: 1.407 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024368.D
Acq: 20 Sep 2021 23:32

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL02

Tgt Ion:128 Resp: 820
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 2.6 8.8 13.2#

