

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024462.D
 Acq On : 23 Sep 2021 20:25
 Operator : JC/MD
 Sample : M3833-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

Quant Time: Sep 24 07:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

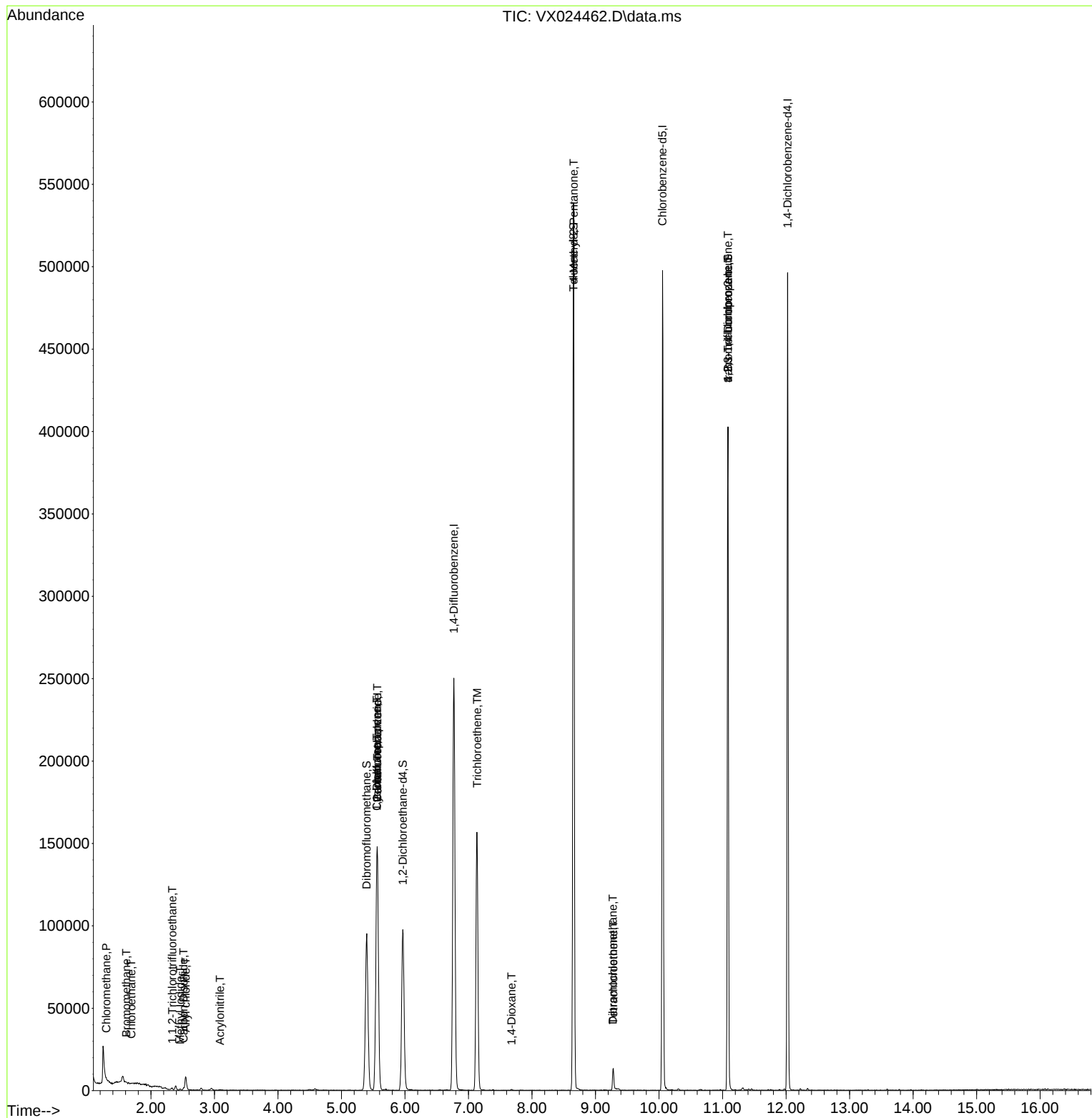
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	136534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100132	52.036	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.080%
35) Dibromofluoromethane	5.397	113	79549	46.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	8.653	98	317687	50.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.085	95	107971	43.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	446	0.344	ug/l	94
5) Bromomethane	1.611	94	258	0.283	ug/l #	66
6) Chloroethane	1.691	64	331	0.623	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	394	0.292	ug/l	90
10) Methyl Iodide	2.459	142	520	0.276	ug/l #	85
11) Tert butyl alcohol	2.953	59	692	Below Cal	#	73
14) Allyl chloride	2.544	41	868	0.379	ug/l #	40
15) Acrylonitrile	3.087	53	195	0.223	ug/l #	41
16) Acetone	2.386	43	2704	Below Cal	#	72
17) Carbon Disulfide	2.514	76	1234	0.608	ug/l #	91
20) Methylene Chloride	2.794	84	559	Below Cal		96
31) Cyclohexane	5.556	56	3117	1.353	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	10920	4.432	ug/l #	45
38) Carbon Tetrachloride	5.562	117	13782	5.139	ug/l #	18
44) Trichloroethene	7.135	130	60017	30.964	ug/l	100
49) 1,4-Dioxane	7.677	88	431	8.126	ug/l #	89
51) 4-Methyl-2-Pentanone	8.659	43	1298	0.420	ug/l #	1
60) Dibromochloromethane	9.275	129	2198	2.192	ug/l #	11
64) Tetrachloroethene	9.281	164	2390	1.574	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	57286	24.873	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57286	67.837	ug/l #	12

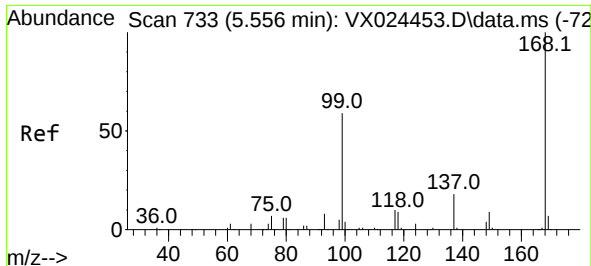
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 07:38:51 2021
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QLast Update : Thu Sep 23 18:24:34 2021
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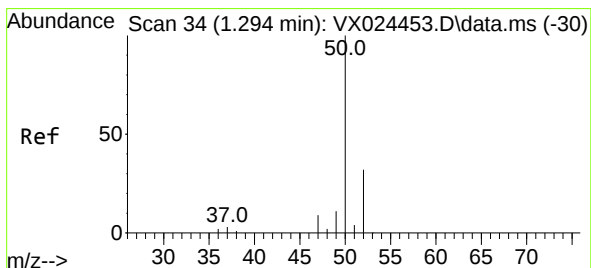
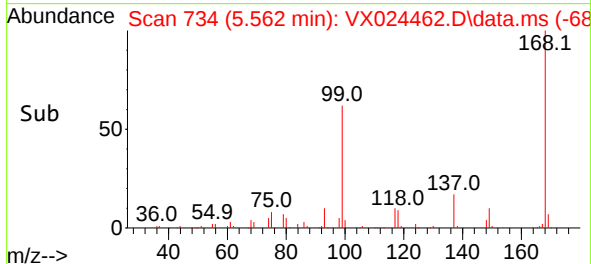
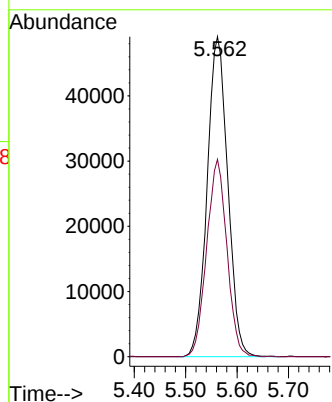
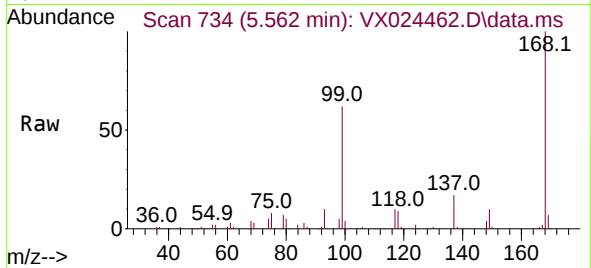




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

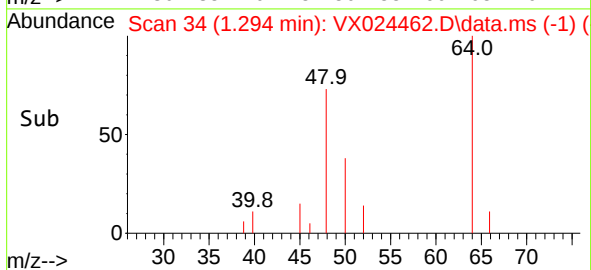
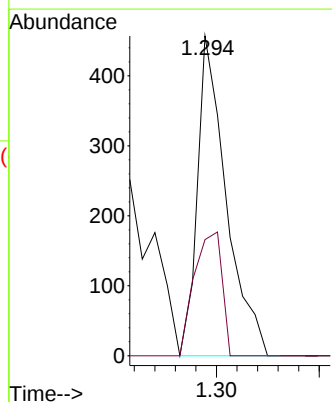
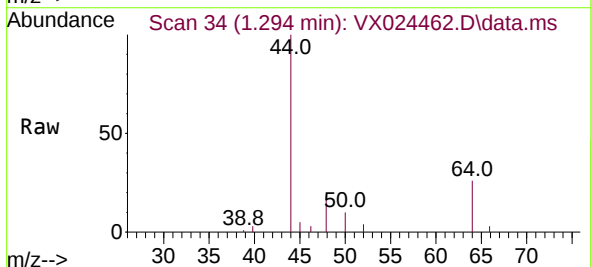
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

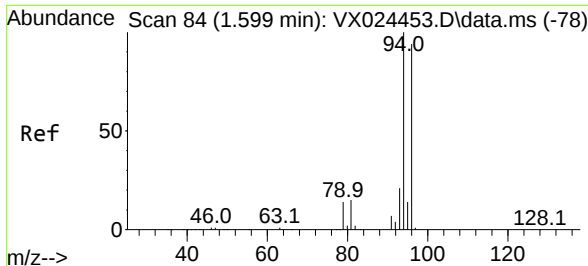
Tgt Ion:168 Resp: 136534
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6

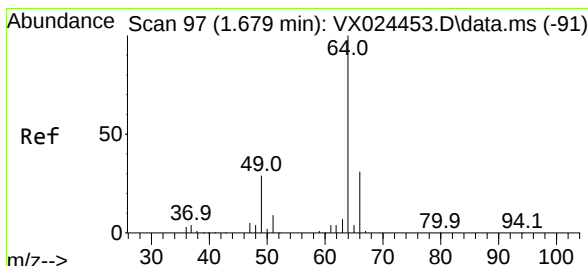
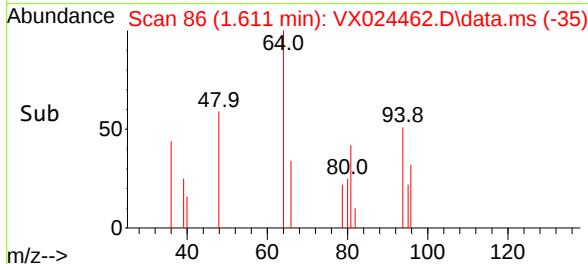
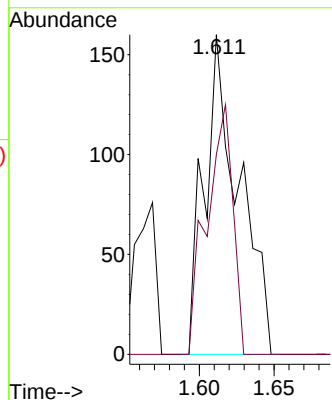
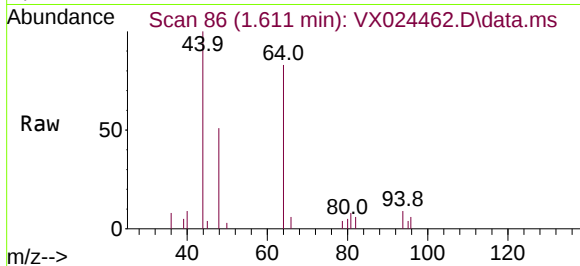




#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

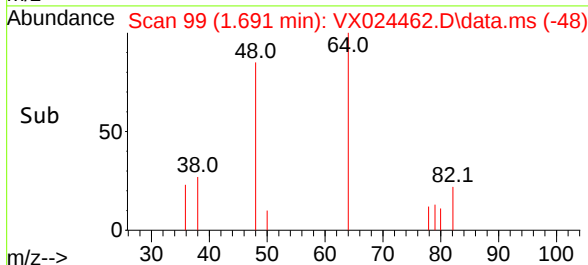
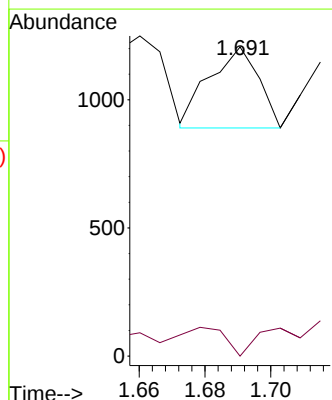
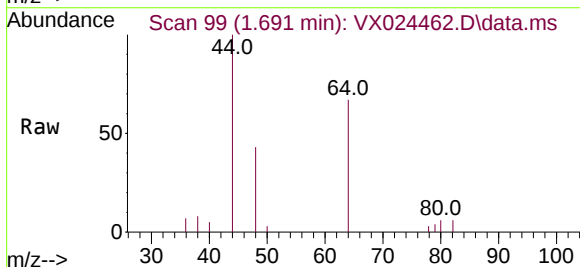
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

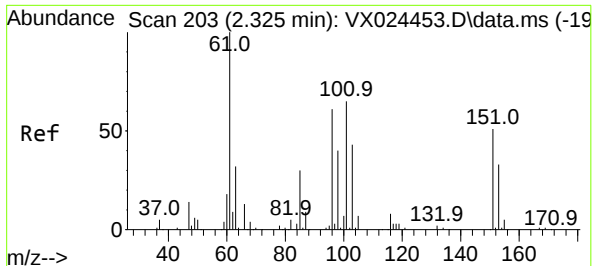
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 62.5 76.4 114.6#



#6
Chloroethane
Concen: 0.623 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

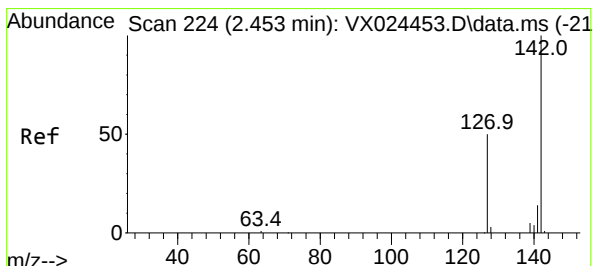
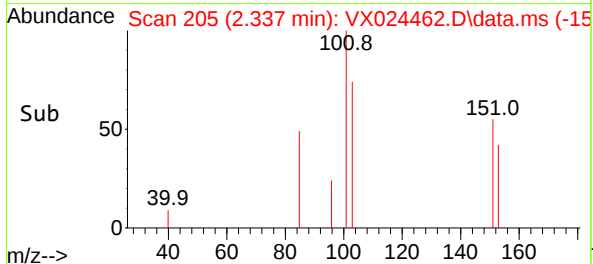
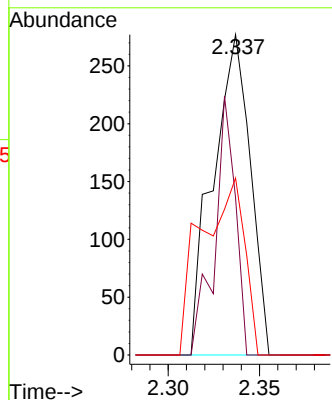
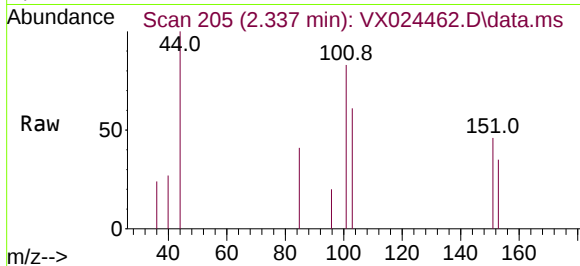




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.292 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

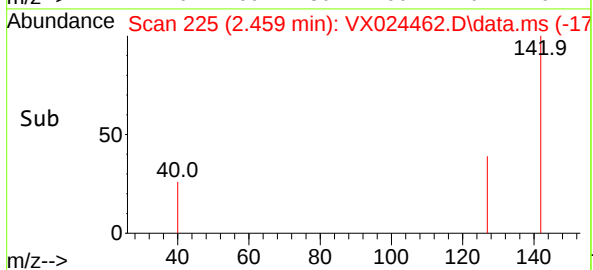
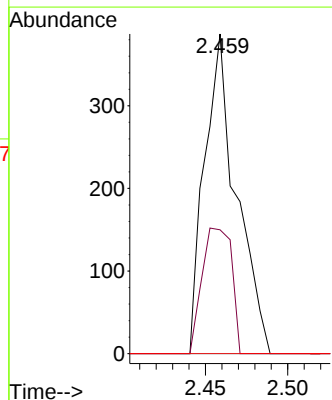
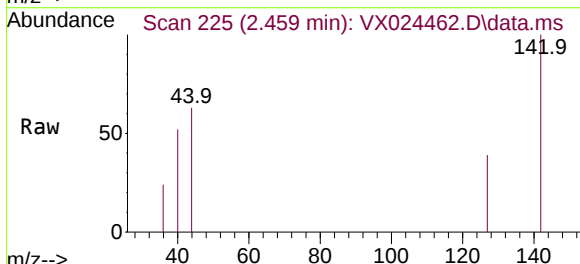
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

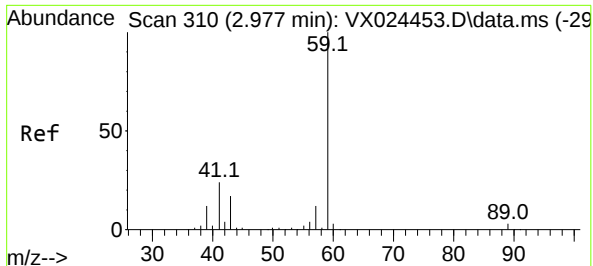
Tgt Ion:101 Resp: 394
Ion Ratio Lower Upper
101 100
85 44.9 34.9 52.3
151 64.0 61.4 92.2



#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion:142 Resp: 520
Ion Ratio Lower Upper
142 100
127 36.3 33.3 49.9
141 0.0 11.4 17.0#



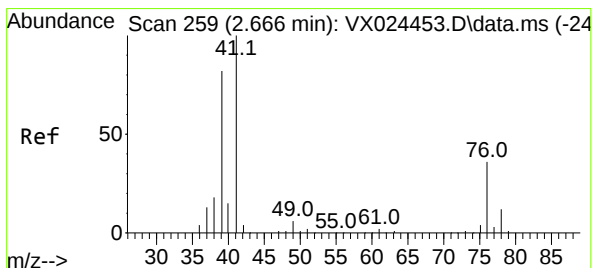
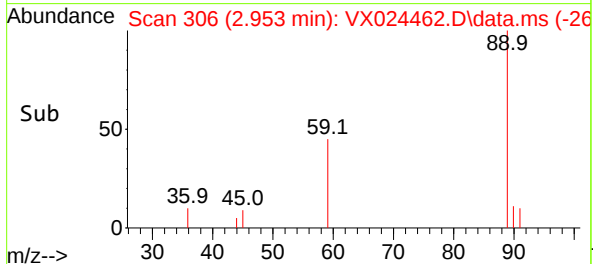
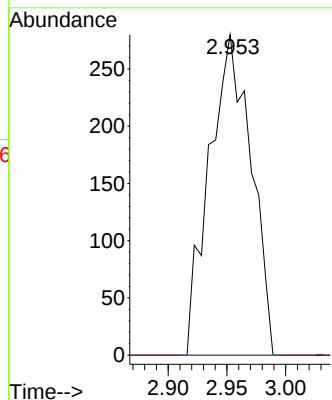
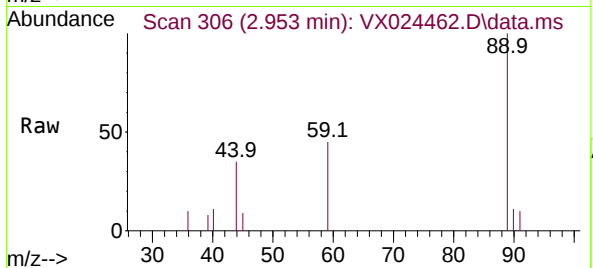


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

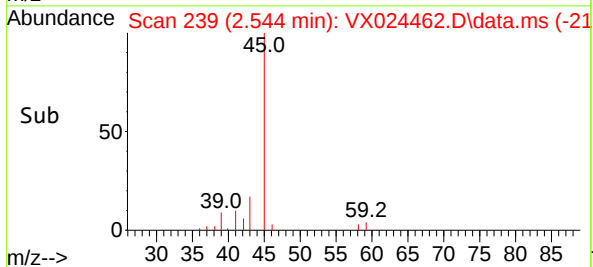
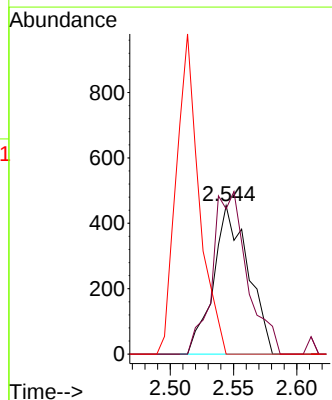
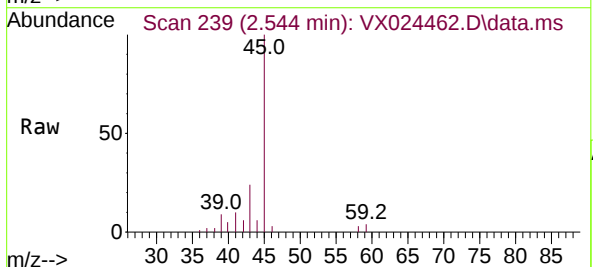
Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

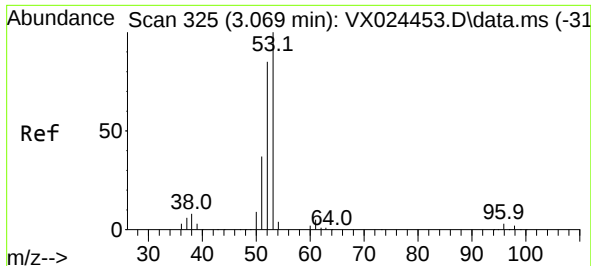


#14

Allyl chloride
Concen: 0.379 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 41 Resp: 868
Ion Ratio Lower Upper
41 100
39 109.7 51.6 77.4#
76 0.0 30.5 45.7#

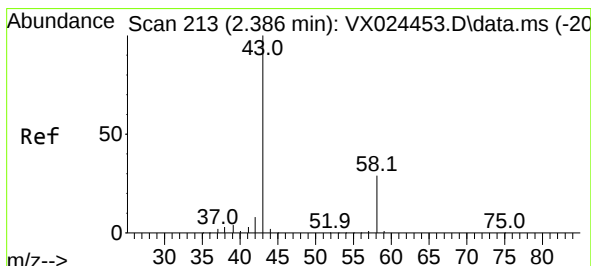
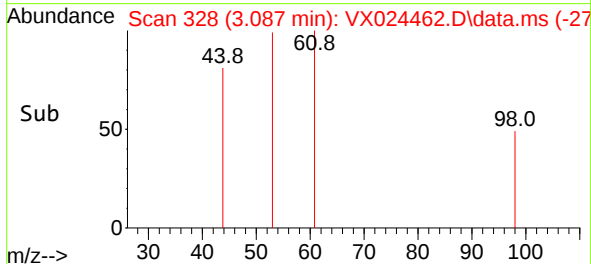
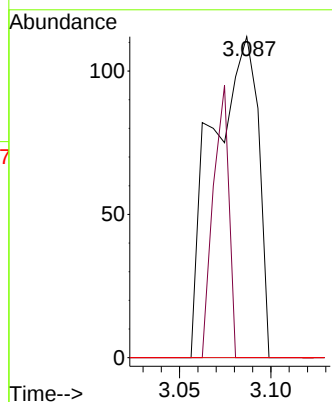
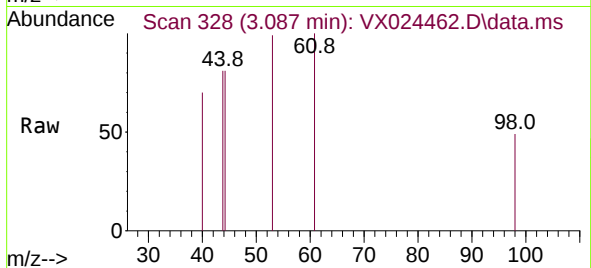




#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

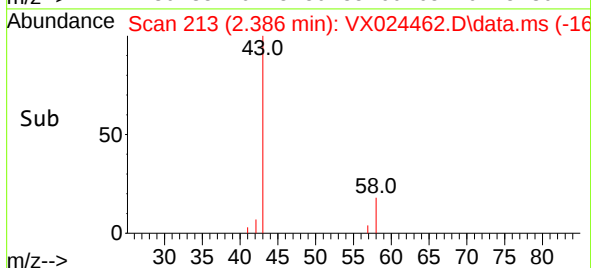
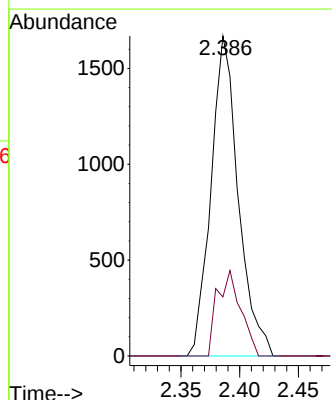
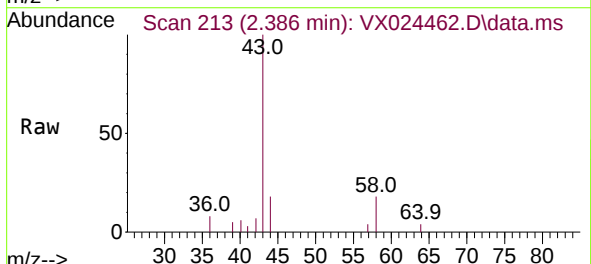
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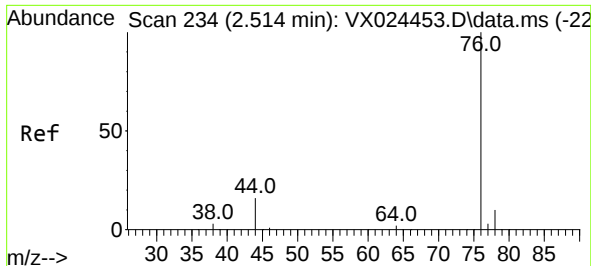
Tgt Ion: 53	Resp: 195
Ion Ratio	Lower Upper
53	100
52	29.2 65.3 97.9#
51	0.0 28.2 42.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 43	Resp: 2704
Ion Ratio	Lower Upper
43	100
58	18.5 27.8 41.8#

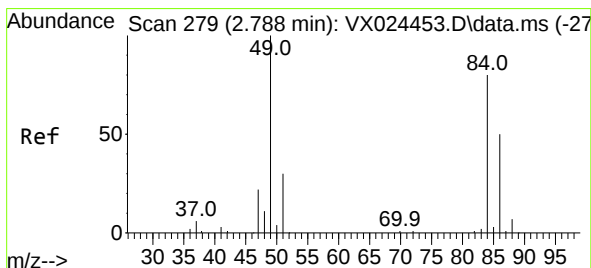
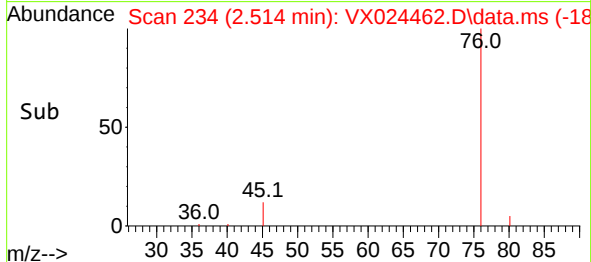
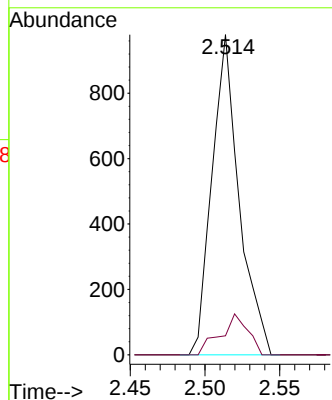
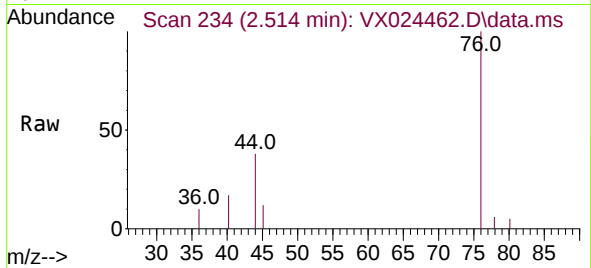




#17
Carbon Disulfide
Concen: 0.608 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

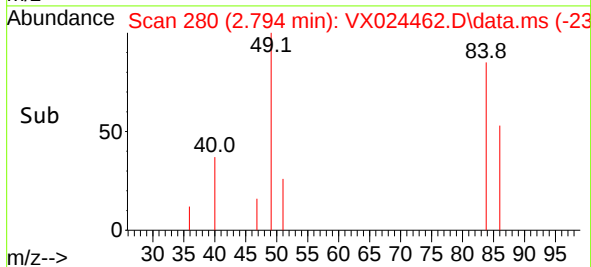
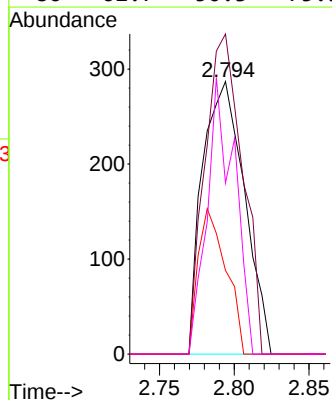
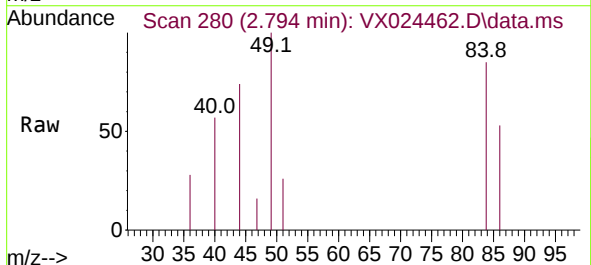
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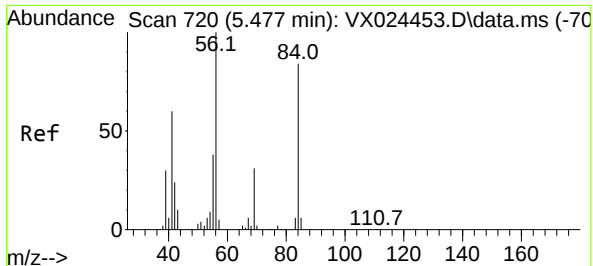
Tgt Ion: 76 Resp: 1234
Ion Ratio Lower Upper
76 100
78 5.9 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 84 Resp: 559
Ion Ratio Lower Upper
84 100
49 117.4 88.6 132.8
51 30.7 27.0 40.6
86 62.7 50.3 75.5

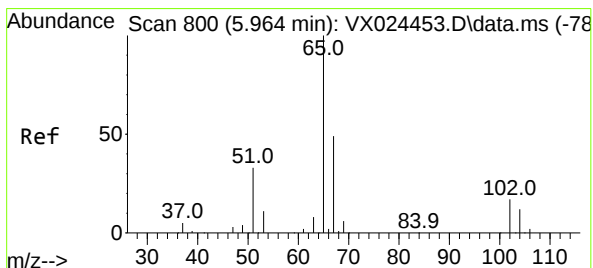
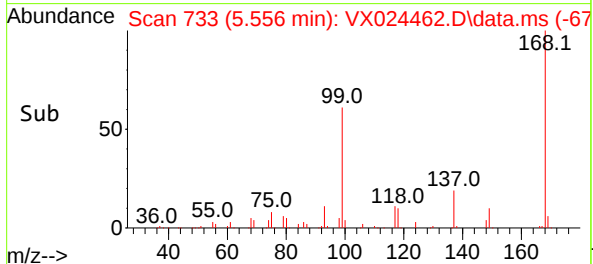
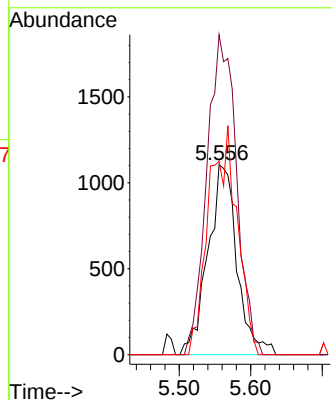
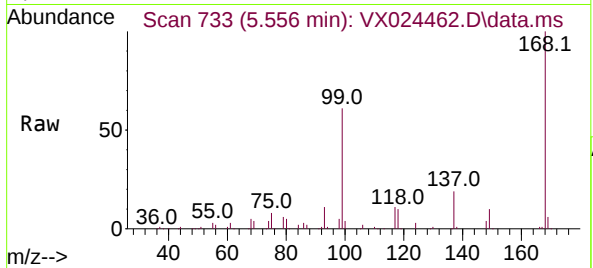




#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

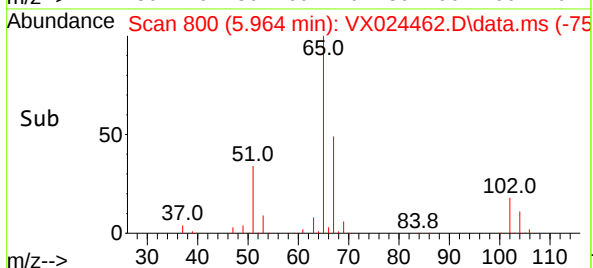
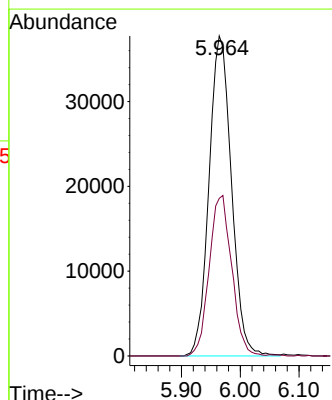
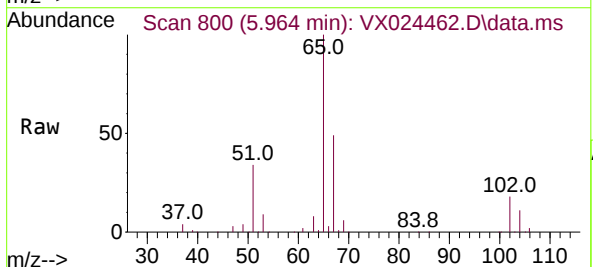
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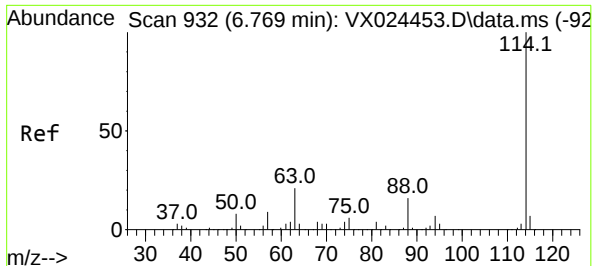
Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
69 168.4 25.3 37.9#
84 101.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.036 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 65 Resp: 100132
Ion Ratio Lower Upper
65 100
67 50.2 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: VX024462.D

Acq: 23 Sep 2021 20:25

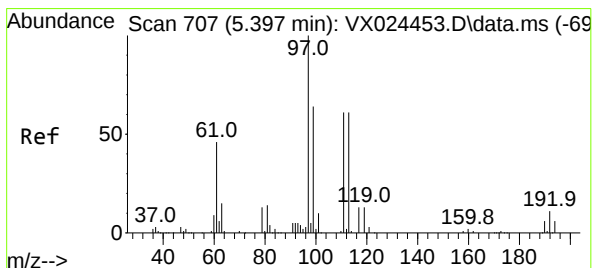
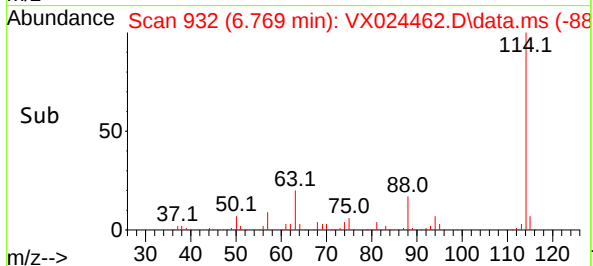
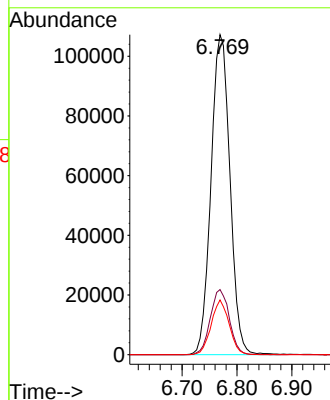
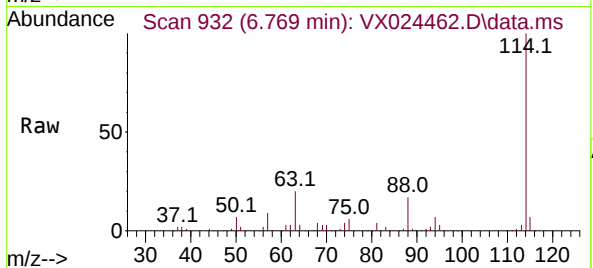
Instrument :

MSVOA_X

ClientSampleId :

DUP03-20210920

Tgt Ion:114	Resp:	256994
Ion	Ratio	Lower Upper
114	100	
63	20.4	0.0 40.8
88	17.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 46.594 ug/l

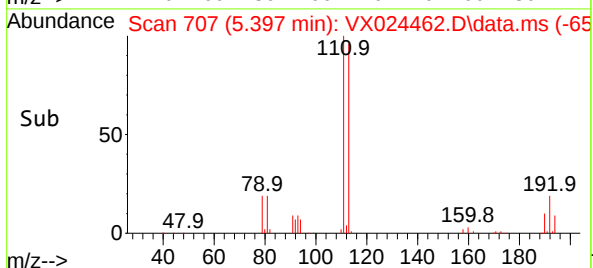
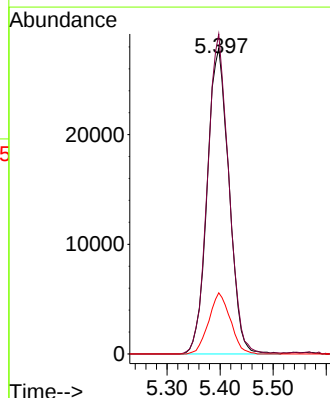
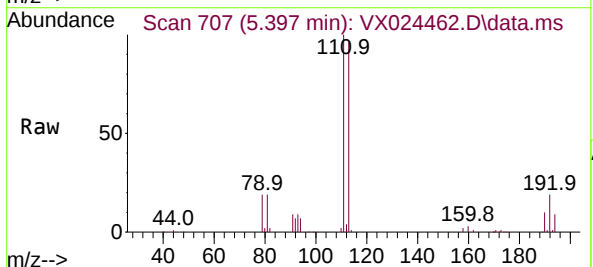
RT: 5.397 min Scan# 707

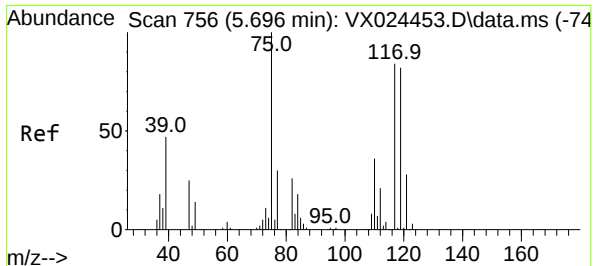
Delta R.T. 0.000 min

Lab File: VX024462.D

Acq: 23 Sep 2021 20:25

Tgt Ion:113	Resp:	79549
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.9 122.9
192	19.8	16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.432 ug/l

RT: 5.556 min Scan# 733

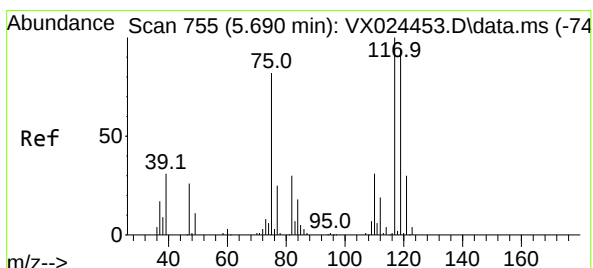
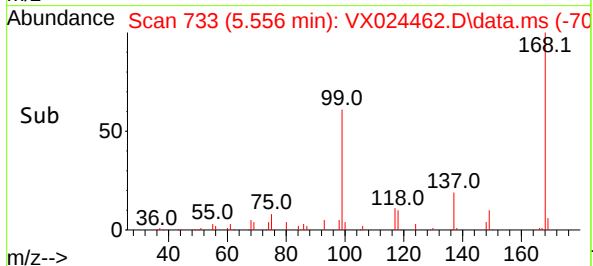
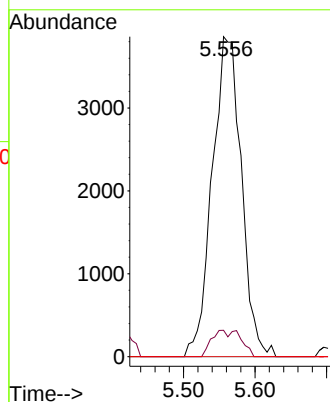
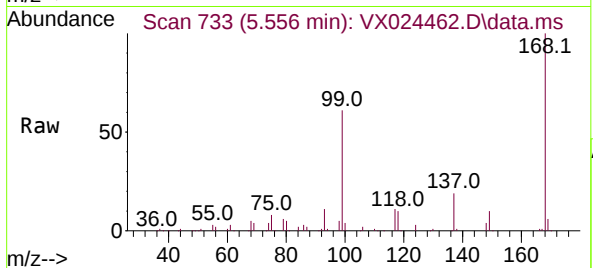
Delta R.T. -0.140 min

Lab File: VX024462.D

Acq: 23 Sep 2021 20:25

Tgt Ion:	75	Resp:	10920
Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920



#38

Carbon Tetrachloride

Concen: 5.139 ug/l

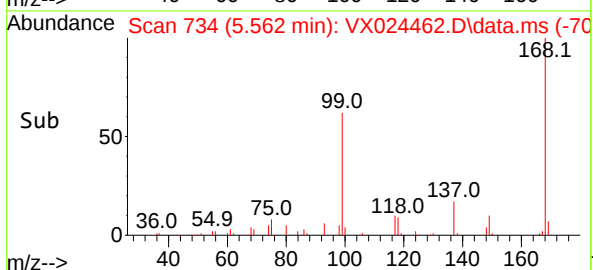
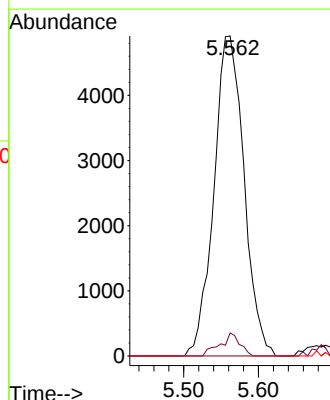
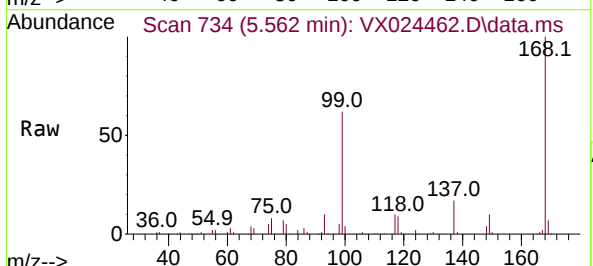
RT: 5.562 min Scan# 734

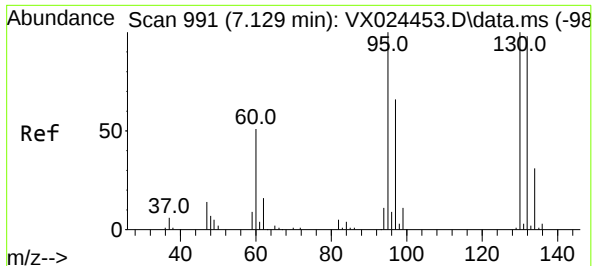
Delta R.T. -0.128 min

Lab File: VX024462.D

Acq: 23 Sep 2021 20:25

Tgt Ion:	117	Resp:	13782
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	24.8	37.2#

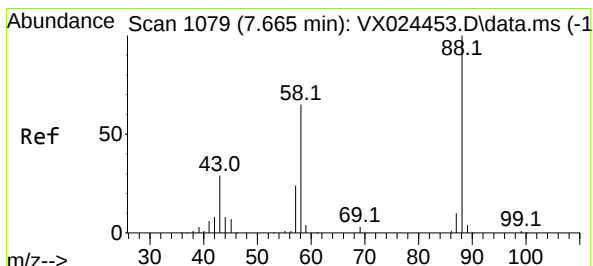
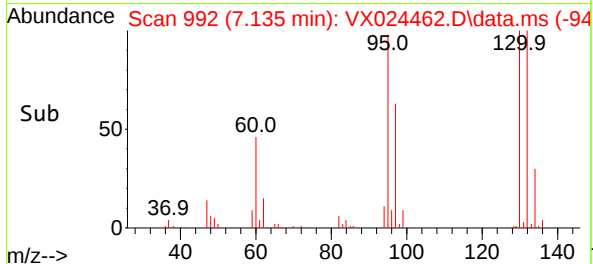
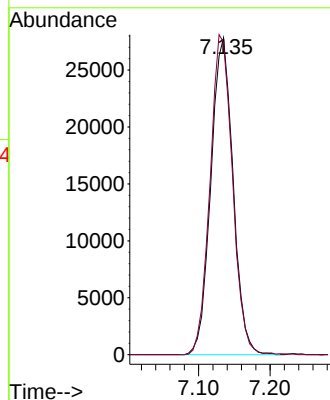
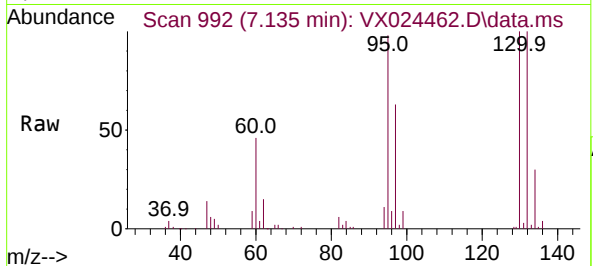




#44
Trichloroethene
Concen: 30.964 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

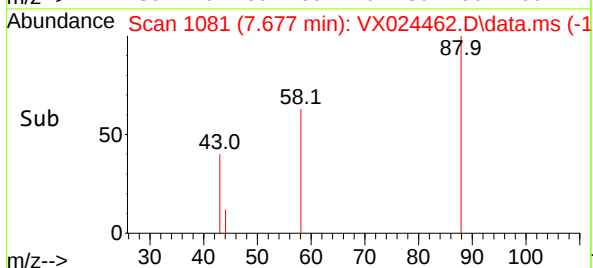
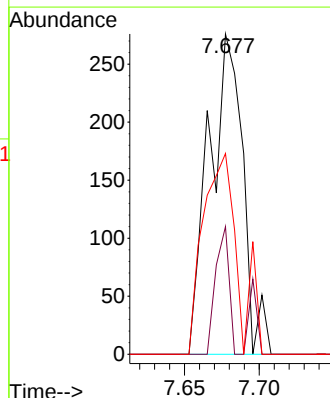
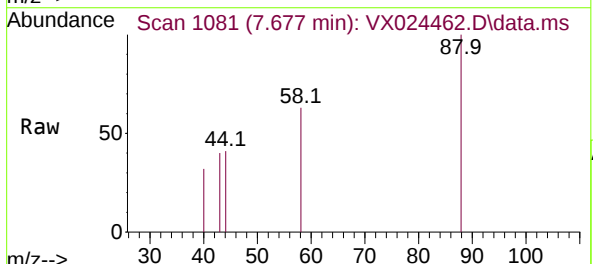
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

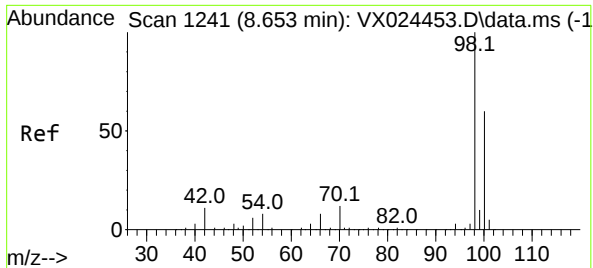
Tgt Ion:130 Resp: 60017
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0



#49
1,4-Dioxane
Concen: 8.126 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 15.8 23.2 34.8#
58 64.7 55.0 82.4

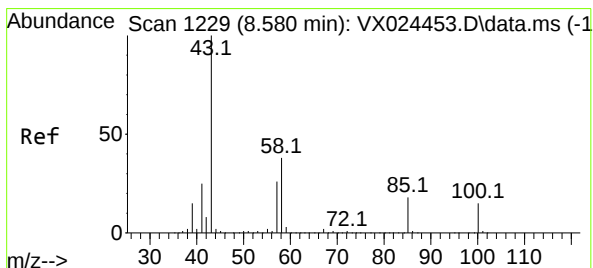
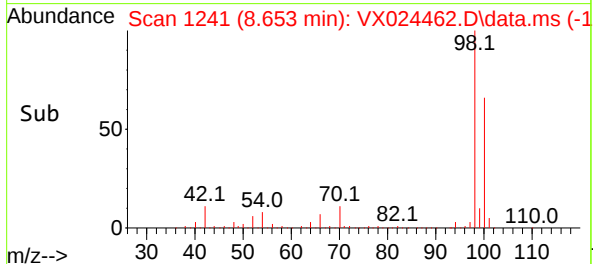
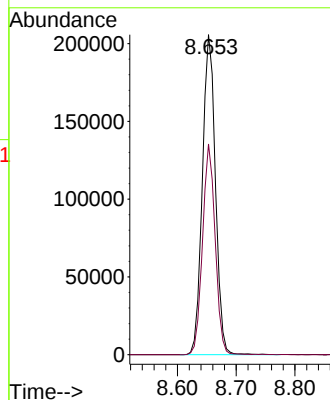
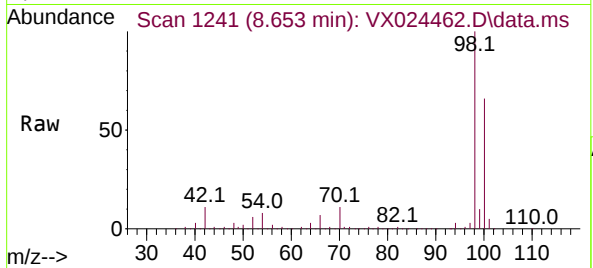




#50
Toluene-d8
Concen: 50.557 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

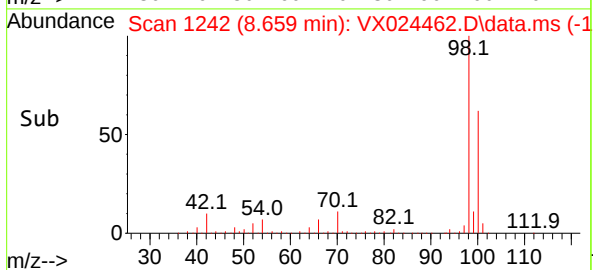
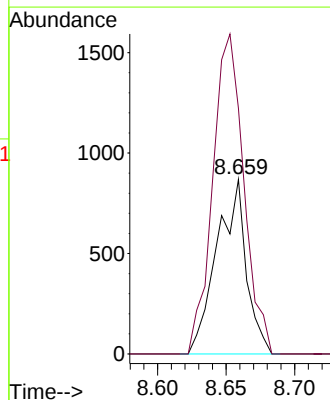
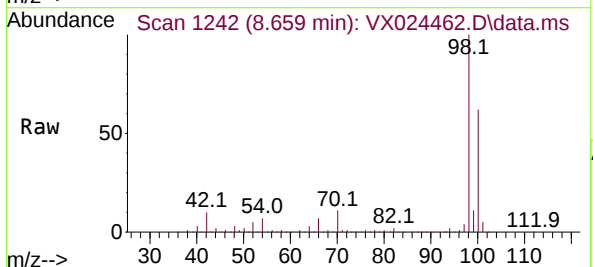
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

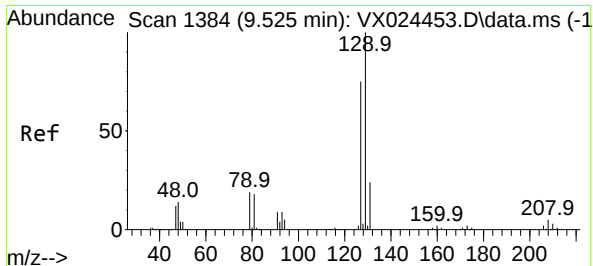
Tgt Ion: 98 Resp: 317687
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.420 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 193.6 35.4 53.0%

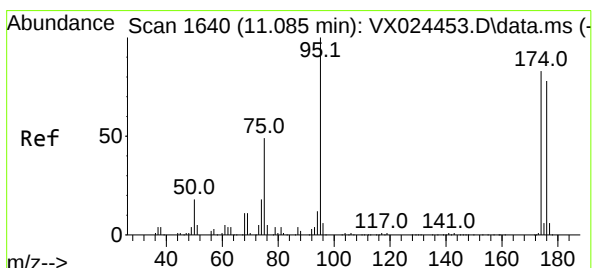
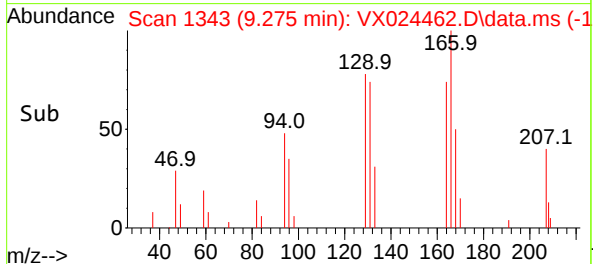
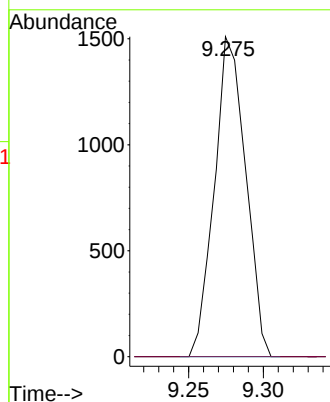
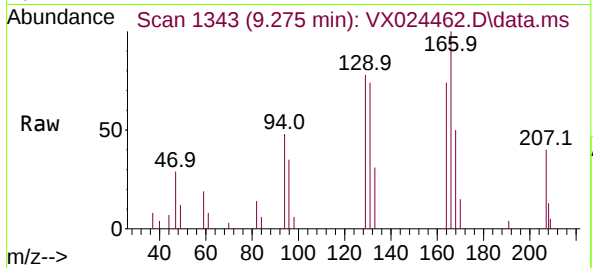




#60
Dibromochloromethane
Concen: 2.192 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

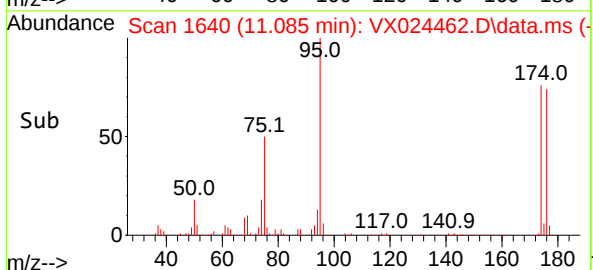
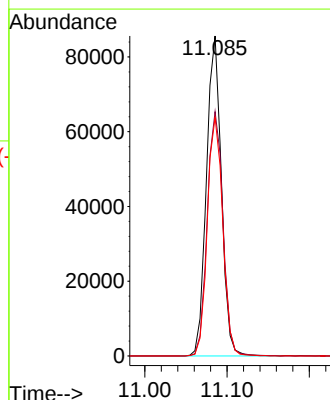
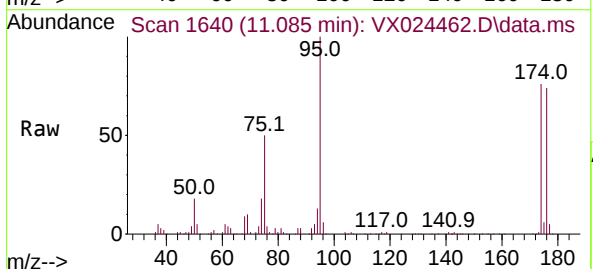
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

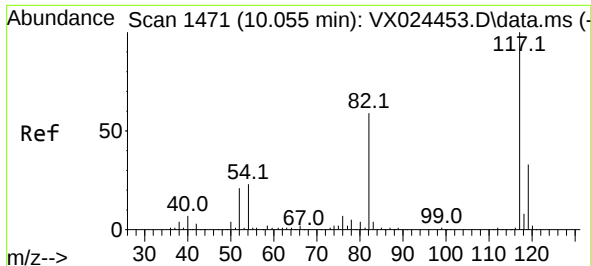
Tgt Ion:129 Resp: 2198
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 95 Resp: 107971
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 76.8 0.0 155.8

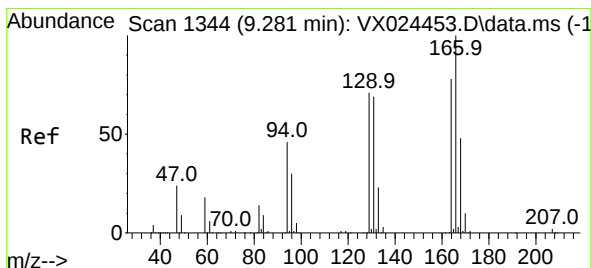
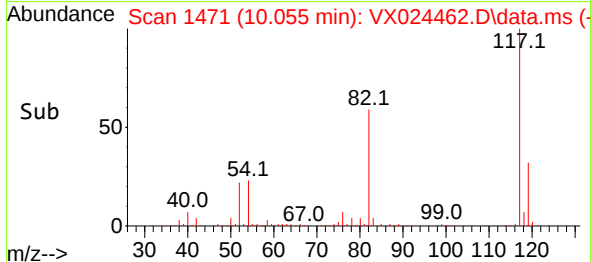
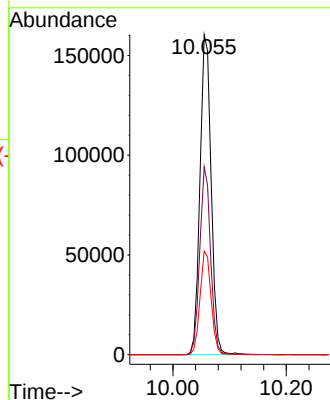
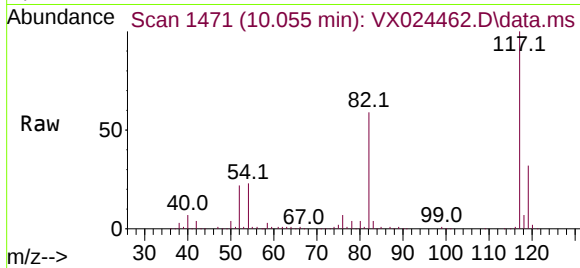




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

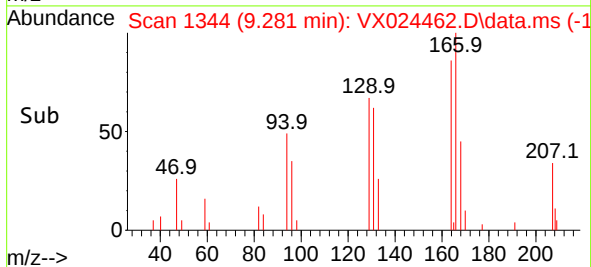
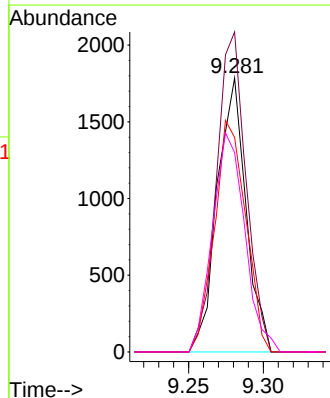
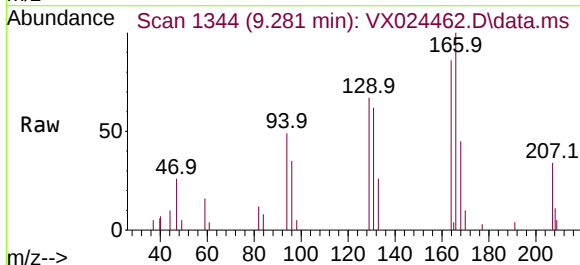
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

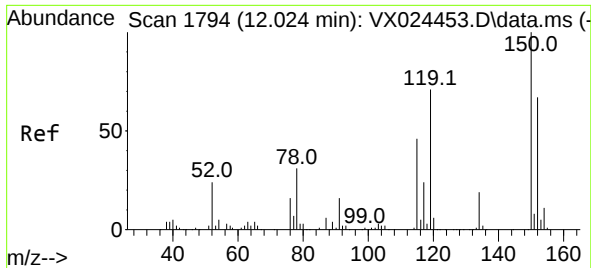
Tgt Ion:117 Resp: 219337
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 1.574 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion:164 Resp: 2390
Ion Ratio Lower Upper
164 100
166 116.8 103.4 155.2
129 78.3 70.8 106.2
131 72.7 72.5 108.7

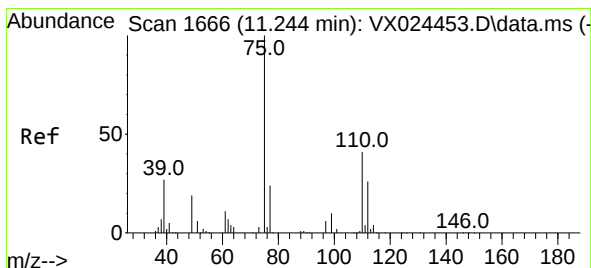
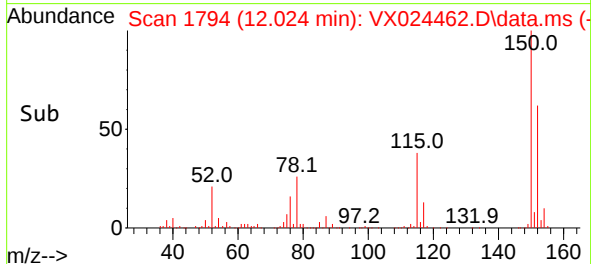
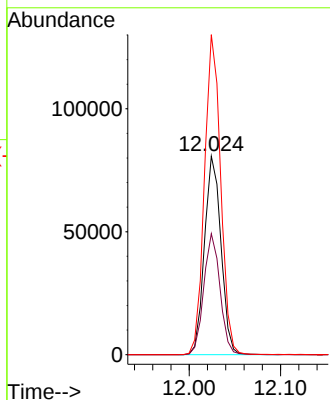
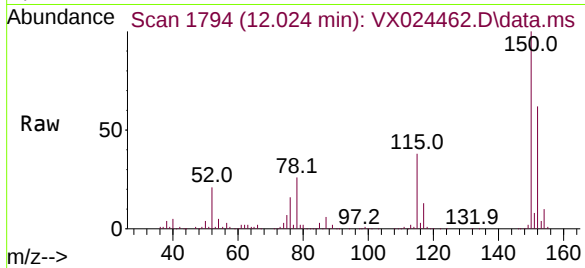




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024462.D
 Acq: 23 Sep 2021 20:25

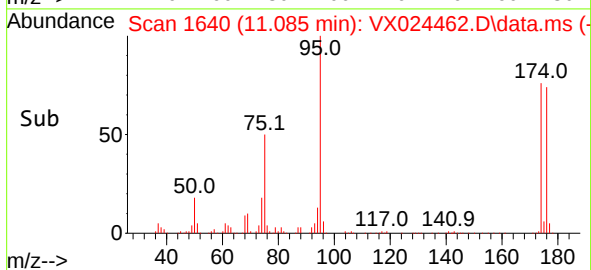
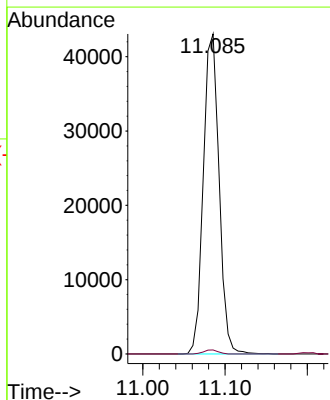
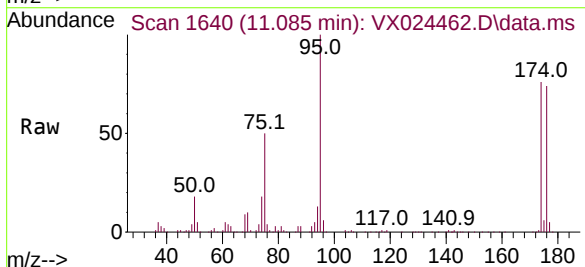
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

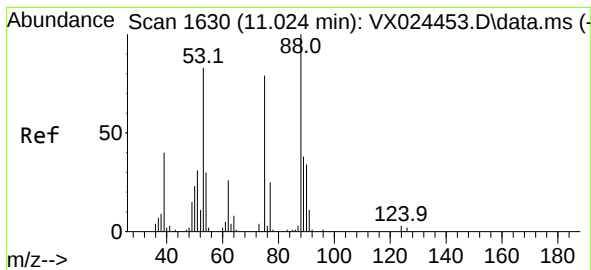
Tgt Ion:152 Resp: 101419
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.873 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024462.D
 Acq: 23 Sep 2021 20:25

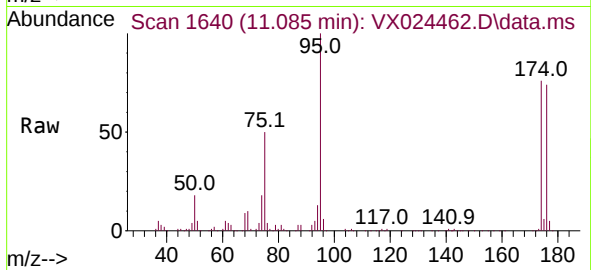
Tgt Ion: 75 Resp: 57286
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.837 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024462.D
 Acq: 23 Sep 2021 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920



Tgt Ion: 75 Resp: 57286
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

