

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030901.D
 Acq On : 28 Aug 2022 04:24
 Operator : JC/MD
 Sample : N4360-6
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220824

Quant Time: Aug 29 01:16:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

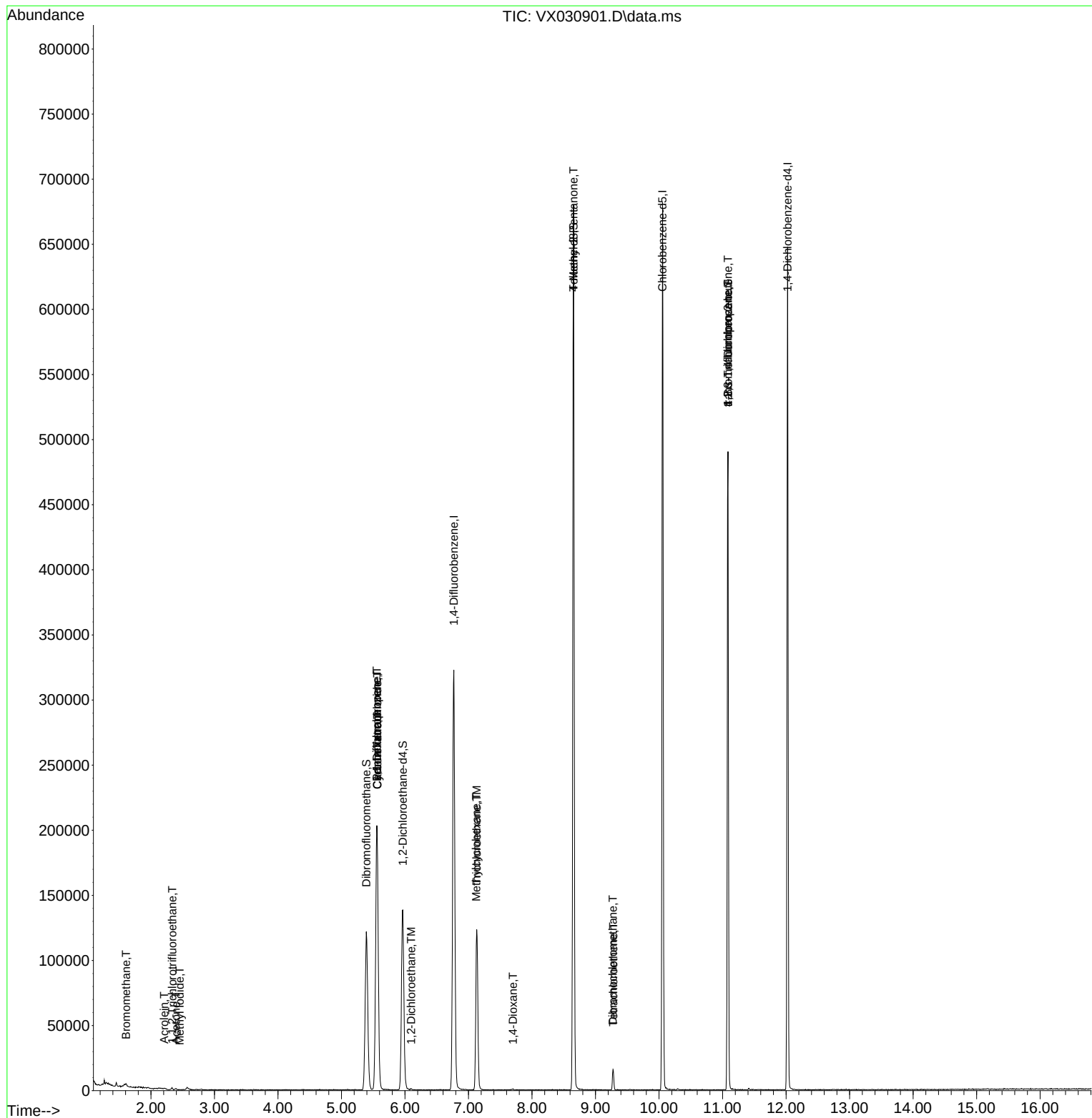
Internal Standards						
1) Pentafluorobenzene	5.556	168	181212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	315887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137471	64.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 128.980%#	
35) Dibromofluoromethane	5.391	113	104247	53.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.400%	
50) Toluene-d8	8.653	98	380597	56.259	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.520%	
62) 4-Bromofluorobenzene	11.085	95	125974	50.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.040%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	363	Below Cal	#	75
5) Bromomethane	1.605	94	266	0.315	ug/l #	48
6) Chloroethane	1.679	64	283	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.337	101	448	0.254	ug/l #	77
10) Methyl Iodide	2.453	142	83	4.081	ug/l #	45
13) Acrolein	2.209	56	24	10.109	ug/l #	14
16) Acetone	2.392	43	1007	1.022	ug/l #	83
17) Carbon Disulfide	2.514	76	130	Below Cal	#	74
20) Methylene Chloride	2.794	84	379	Below Cal	#	50
31) Cyclohexane	5.562	56	4907	1.800	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	15954	6.035	ug/l #	47
38) Carbon Tetrachloride	5.562	117	20446	7.332	ug/l #	16
39) Methylcyclohexane	7.123	83	757	0.239	ug/l #	11
42) 1,2-Dichloroethane	6.098	62	578	0.206	ug/l #	73
44) Trichloroethene	7.129	130	47422	20.753	ug/l	98
49) 1,4-Dioxane	7.702	88	364	6.272	ug/l #	84
51) 4-Methyl-2-Pentanone	8.653	43	1989	0.625	ug/l #	1
60) Dibromochloromethane	9.275	129	2701	1.181	ug/l #	11
64) Tetrachloroethene	9.281	164	2807	1.258	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	69537	25.443	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69537	82.091	ug/l #	13

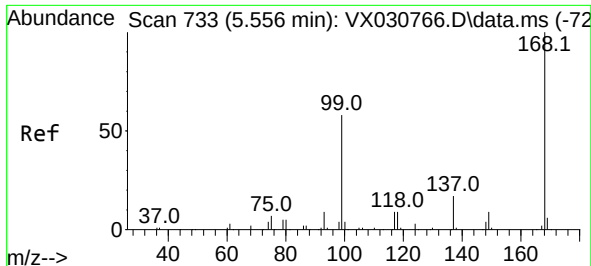
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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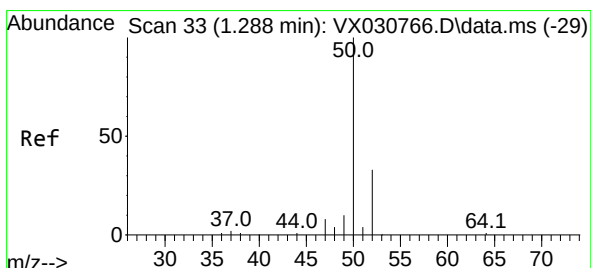
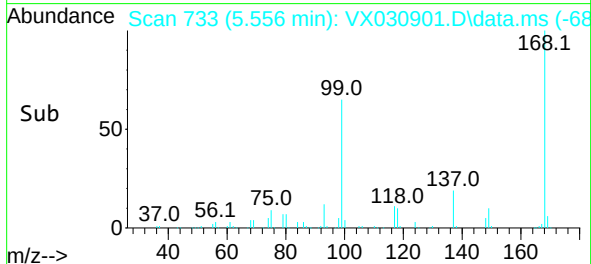
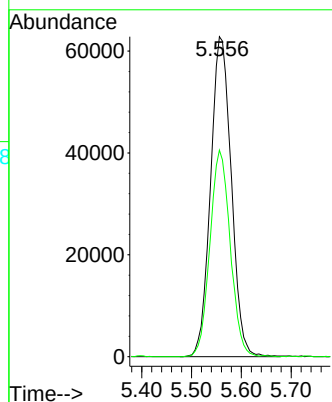
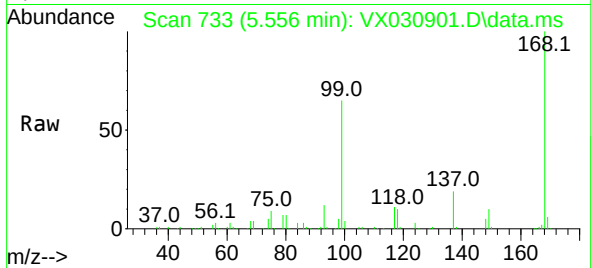




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

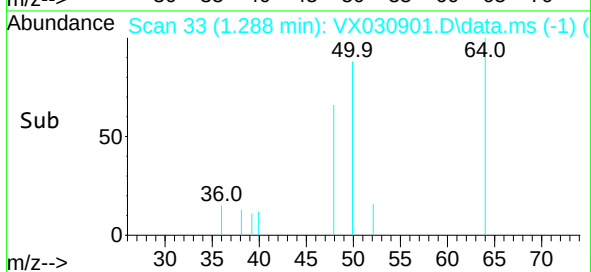
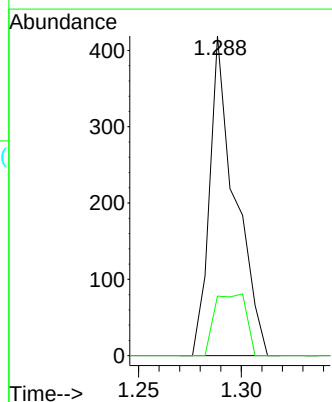
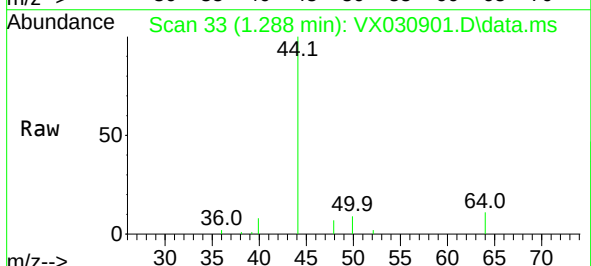
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

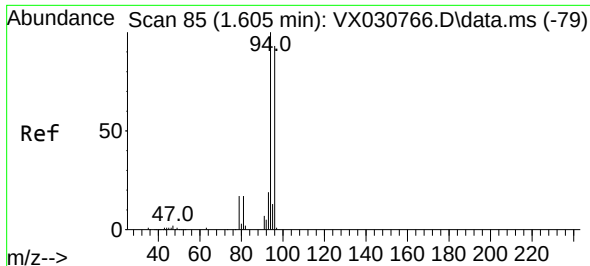
Tgt Ion:168 Resp: 181212
Ion Ratio Lower Upper
168 100
99 64.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 50 Resp: 363
Ion Ratio Lower Upper
50 100
52 18.6 26.3 39.5#

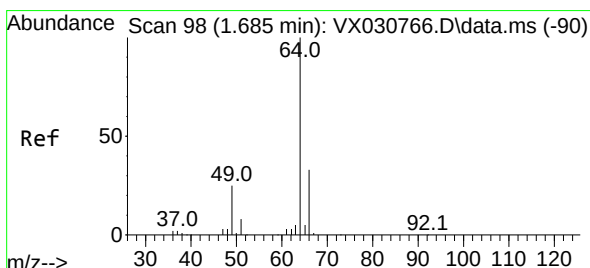
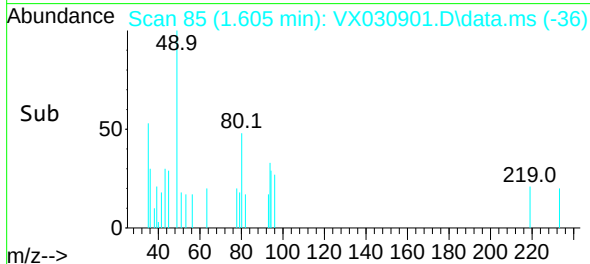
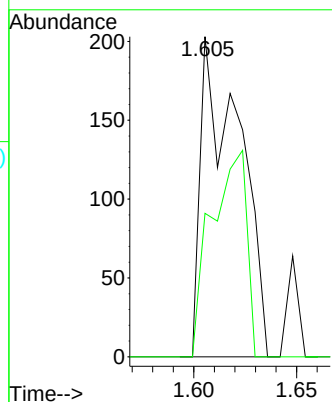
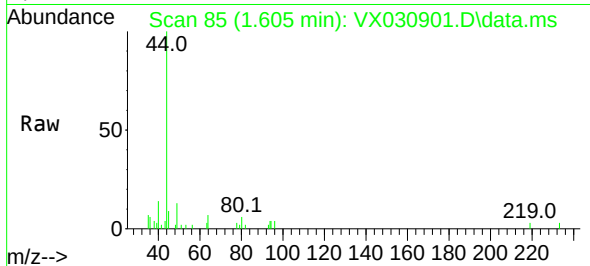




#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

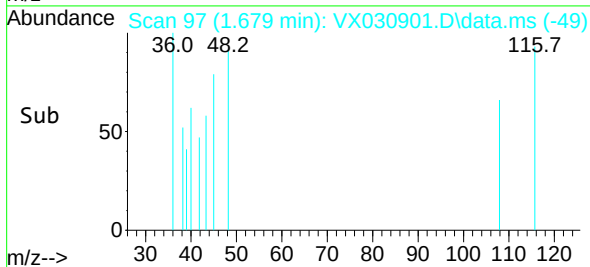
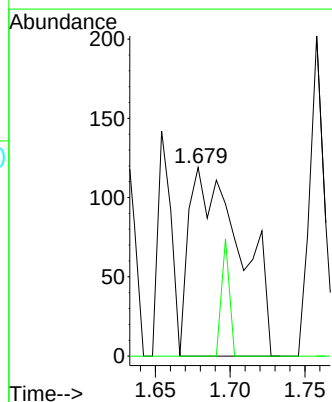
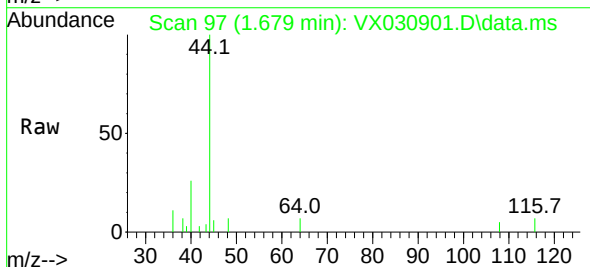
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

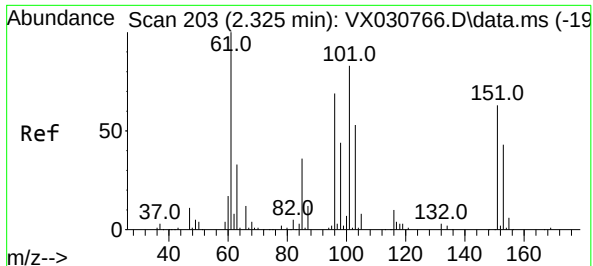
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 44.8 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

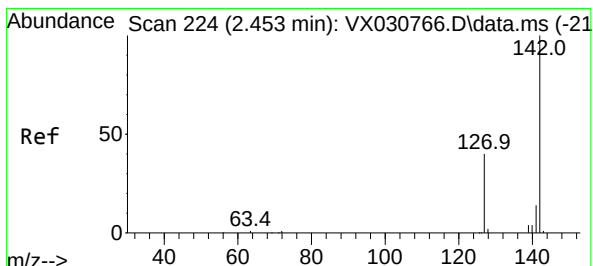
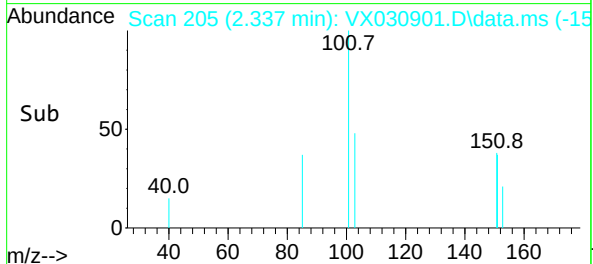
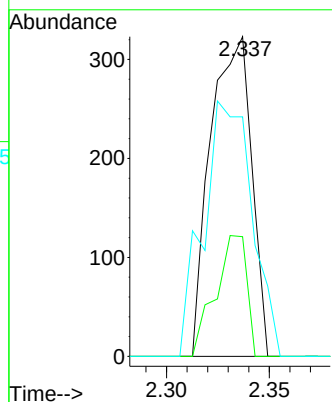
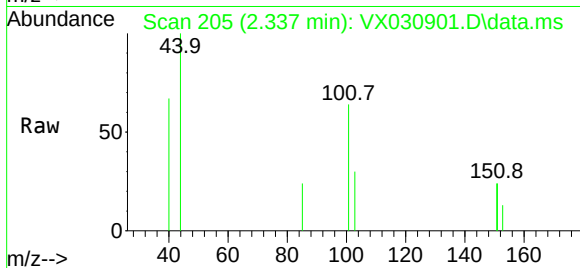




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.254 ug/l
RT: 2.337 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

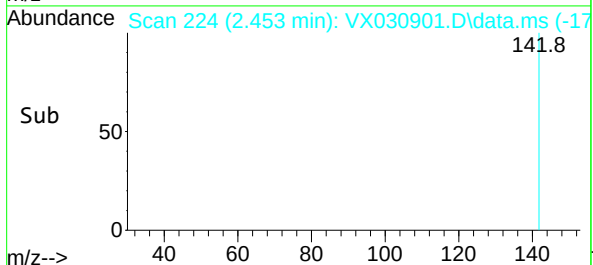
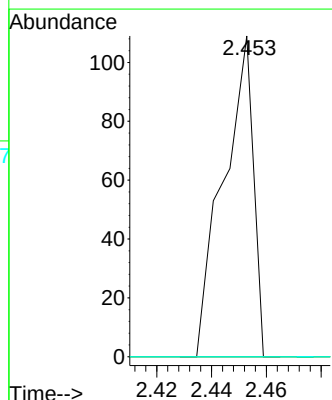
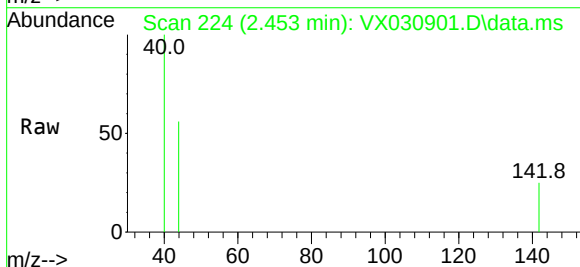
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

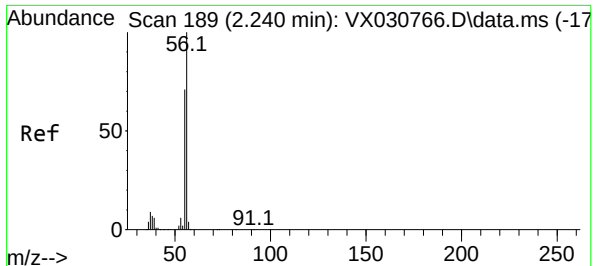
Tgt Ion:101 Resp: 448
Ion Ratio Lower Upper
101 100
85 28.8 34.0 51.0#
151 94.6 59.4 89.0#



#10
Methyl Iodide
Concen: 4.081 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

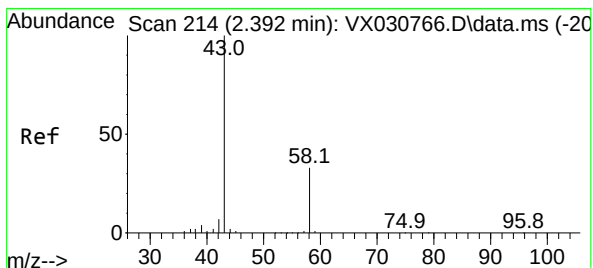
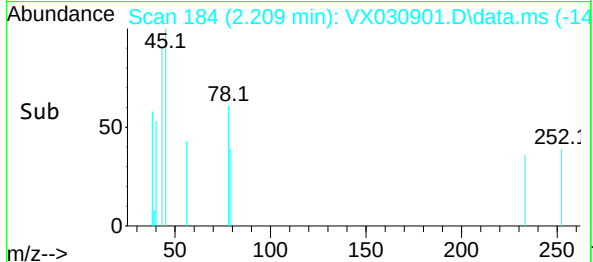
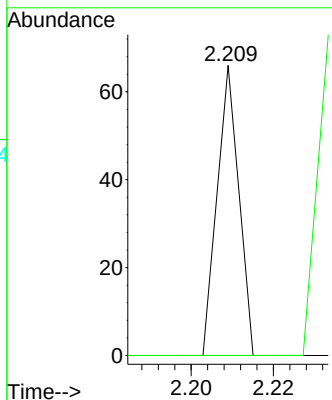
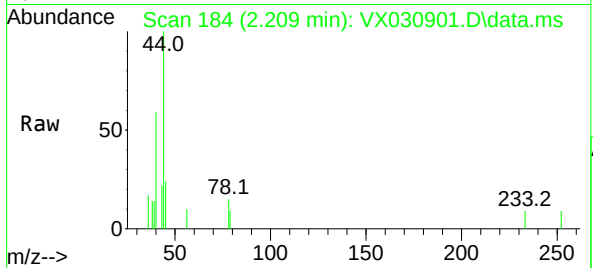




#13
Acrolein
Concen: 10.109 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

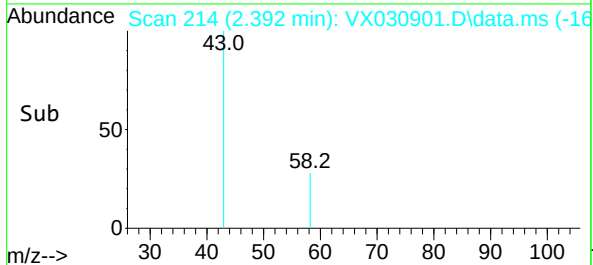
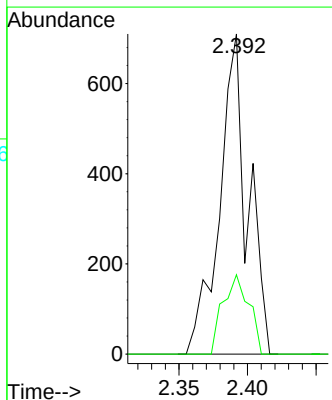
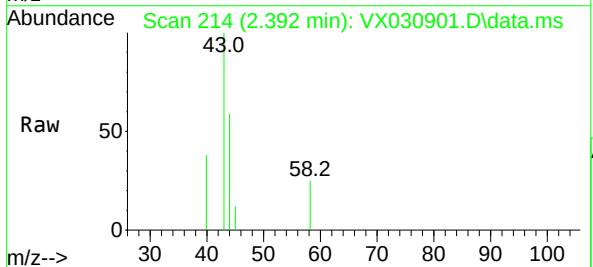
Instrument :
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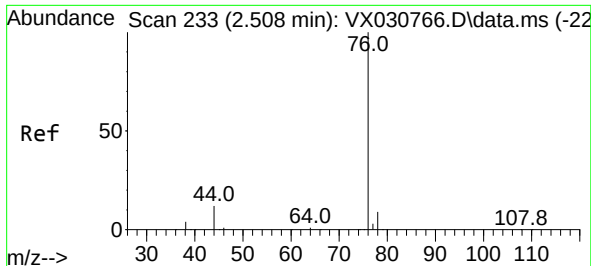
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.022 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 24.8 27.7 41.5#

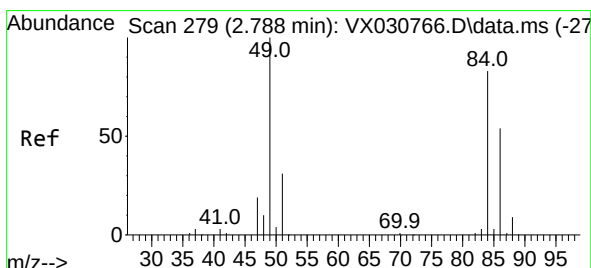
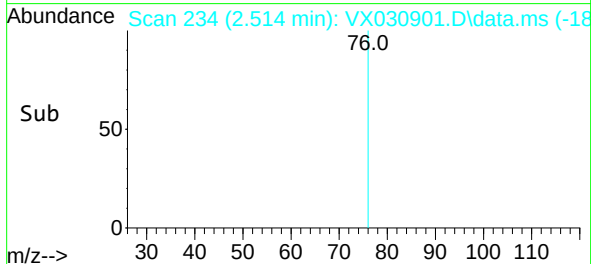
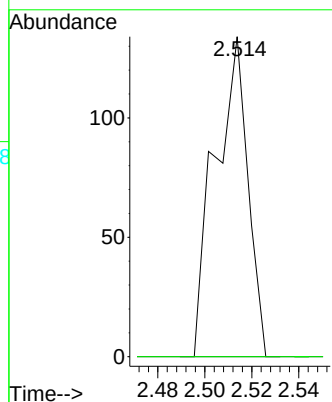
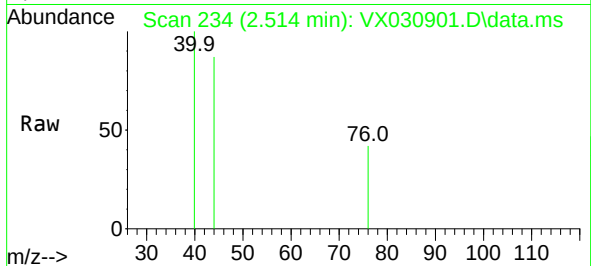




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

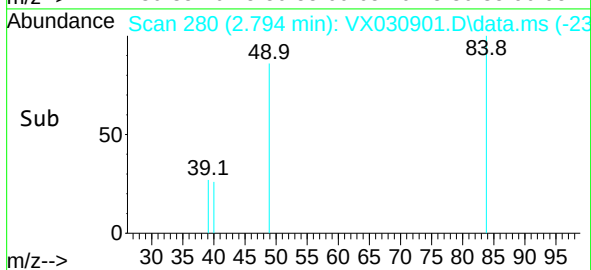
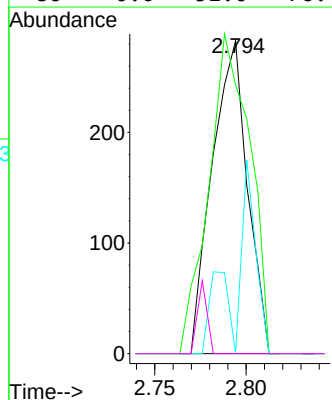
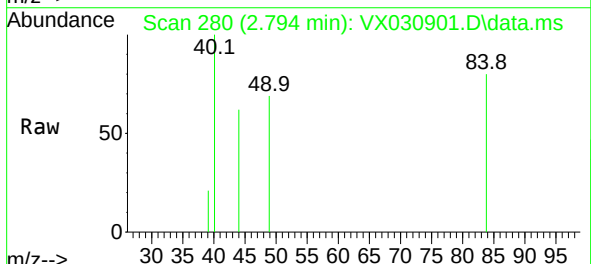
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MSVOA_X
ClientSampleId :
DUP01-20220824

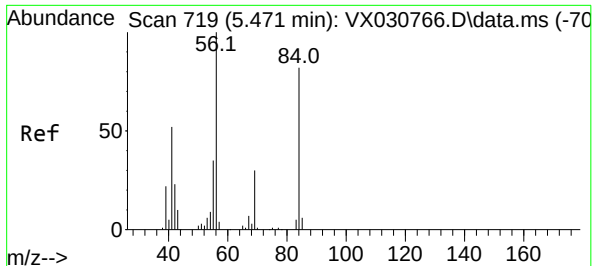
Tgt Ion: 76 Resp: 130
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 84 Resp: 379
Ion Ratio Lower Upper
84 100
49 85.9 93.8 140.6#
51 0.0 29.4 44.0#
86 0.0 51.0 76.4#

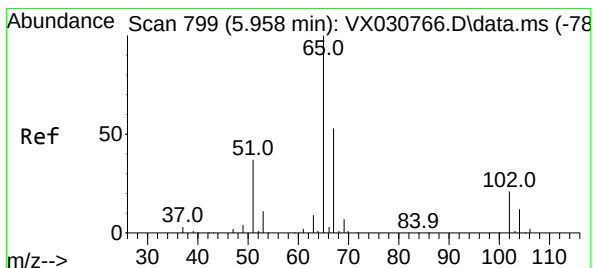
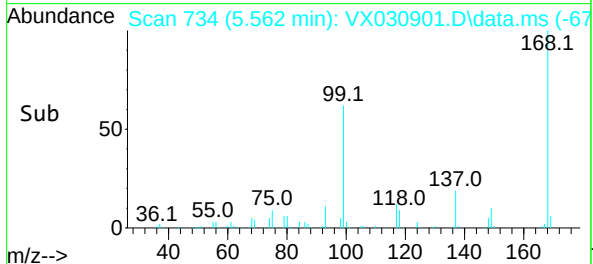
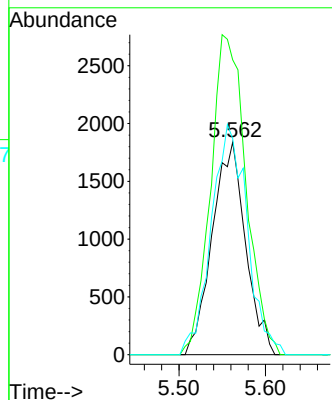
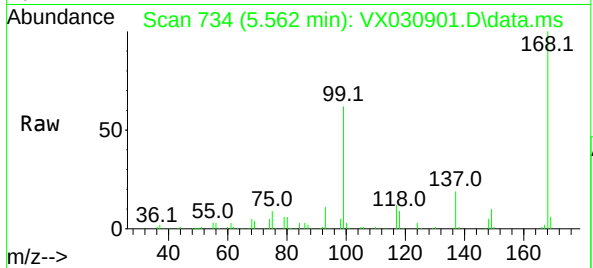




#31
Cyclohexane
Concen: 1.800 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

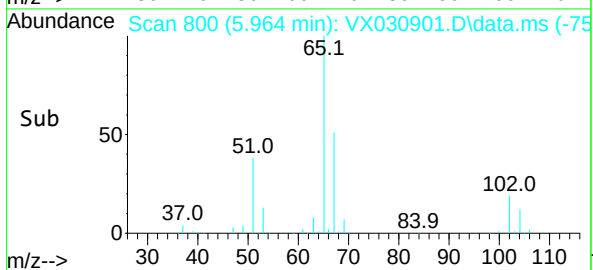
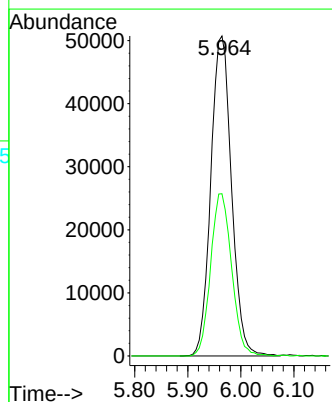
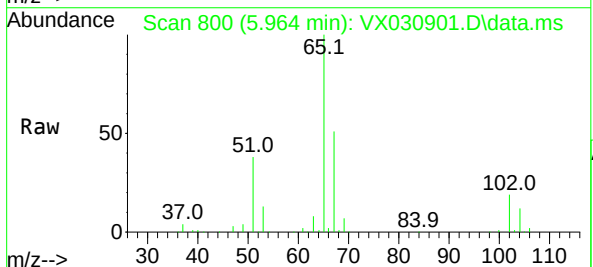
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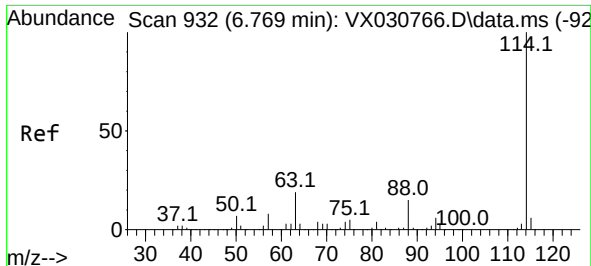
Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 138.8 25.4 38.0#
84 101.7 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 64.494 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 65 Resp: 137471
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

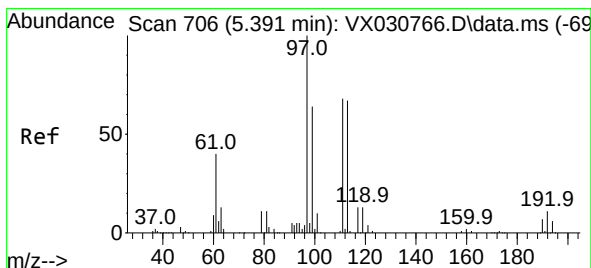
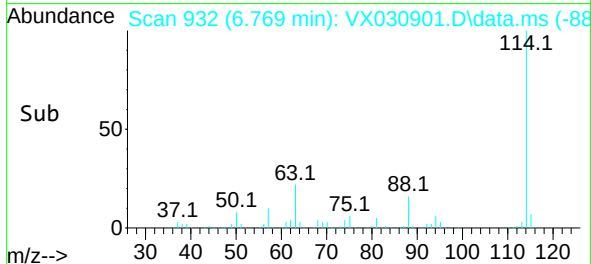
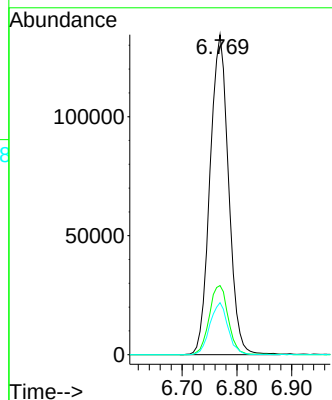
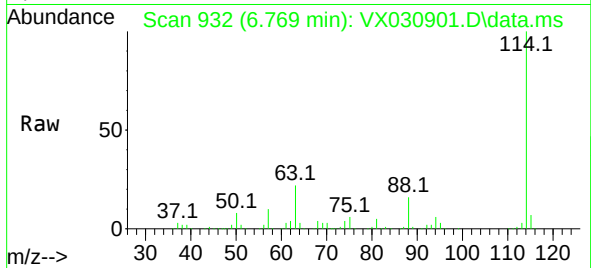




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

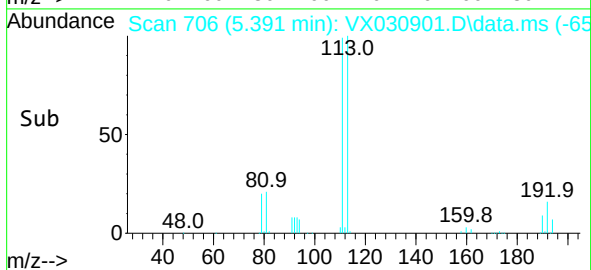
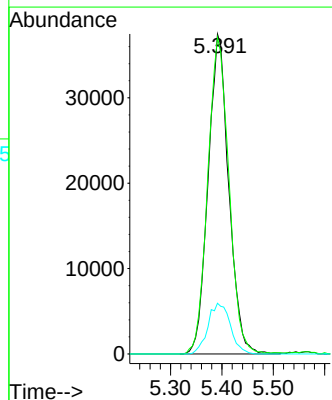
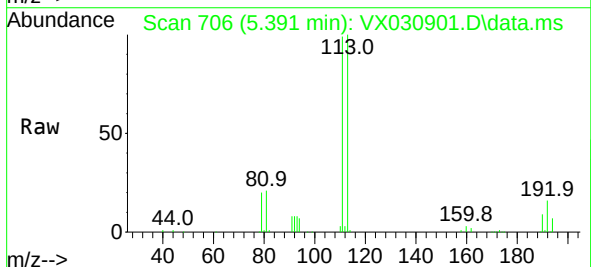
Instrument :
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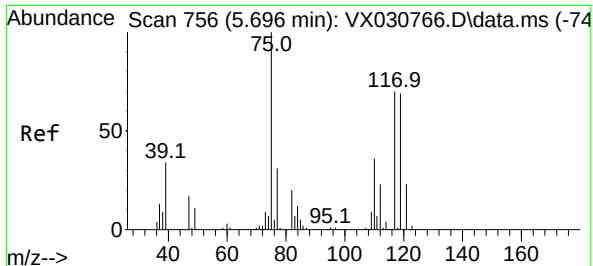
Tgt Ion:114 Resp: 315887
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.697 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion:113 Resp: 104247
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 17.2 14.8 22.2

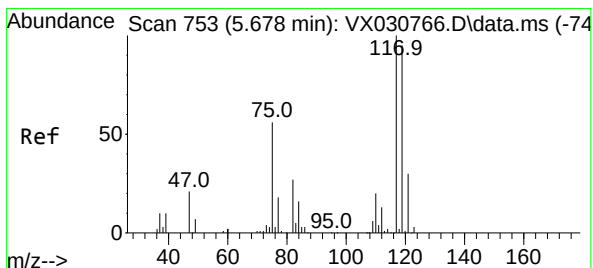
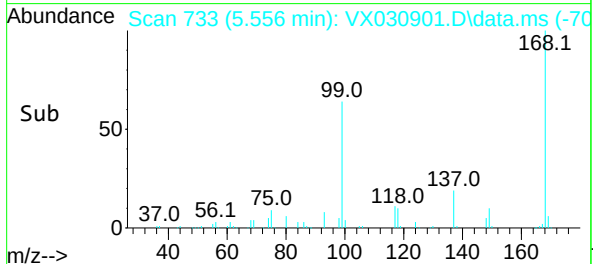
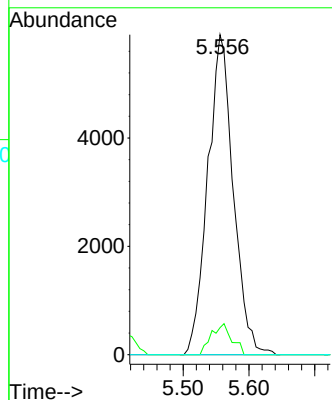
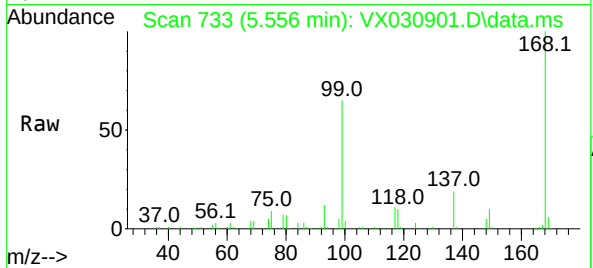




#36
1,1-Dichloropropene
Concen: 6.035 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

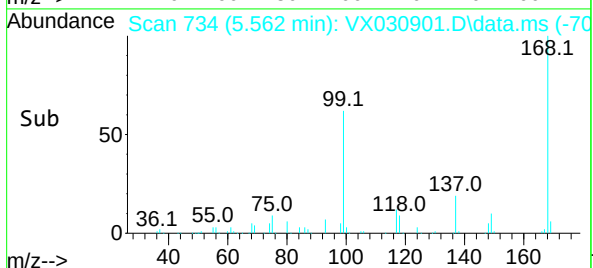
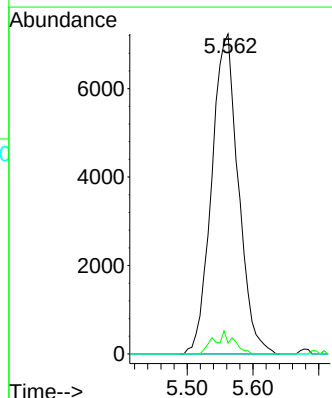
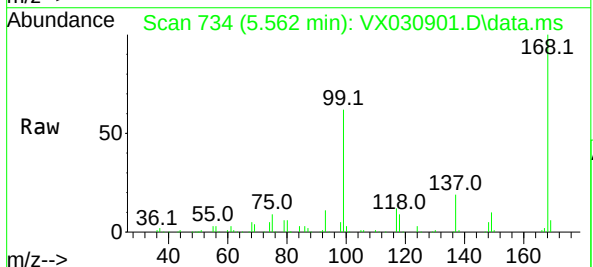
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

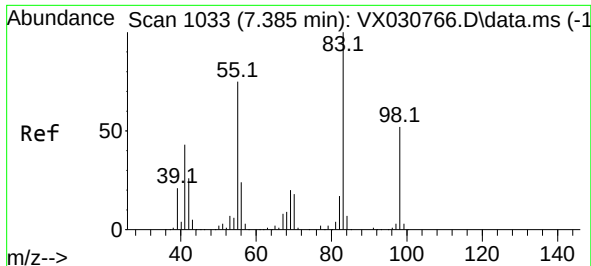
Tgt Ion: 75 Resp: 15954
Ion Ratio Lower Upper
75 100
110 7.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.332 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 117 Resp: 20446
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.239 ug/l

RT: 7.123 min Scan# 91

Delta R.T. -0.262 min

Lab File: VX030901.D

Acq: 28 Aug 2022 04:24

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220824

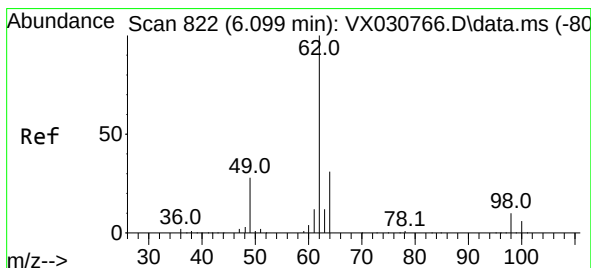
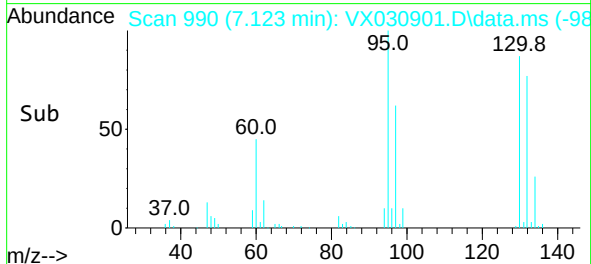
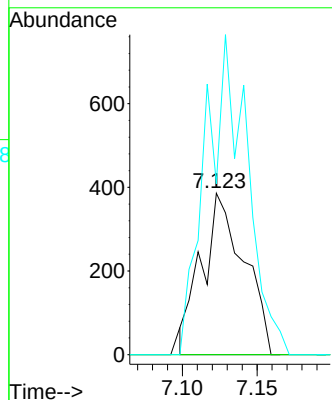
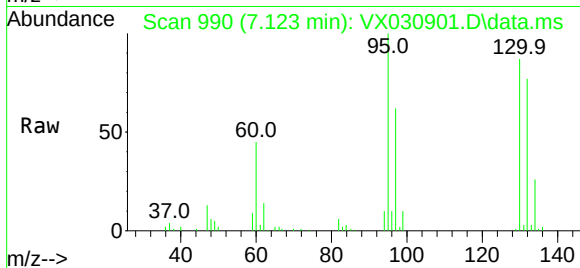
Tgt Ion: 83 Resp: 757

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 106.0 36.5 54.7#



#42

1,2-Dichloroethane

Concen: 0.206 ug/l

RT: 6.098 min Scan# 822

Delta R.T. -0.001 min

Lab File: VX030901.D

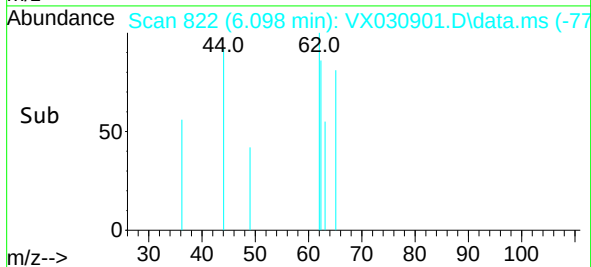
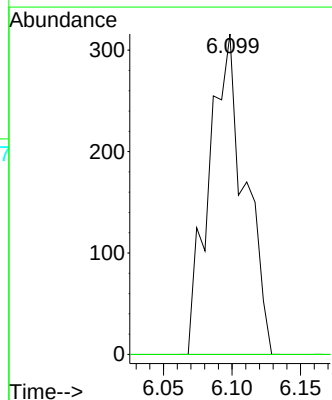
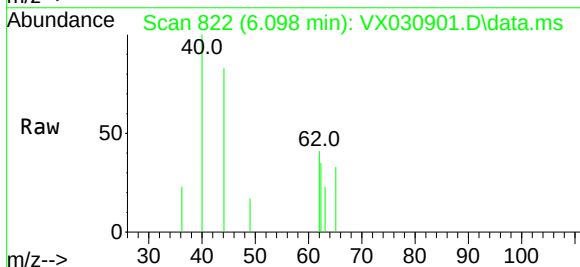
Acq: 28 Aug 2022 04:24

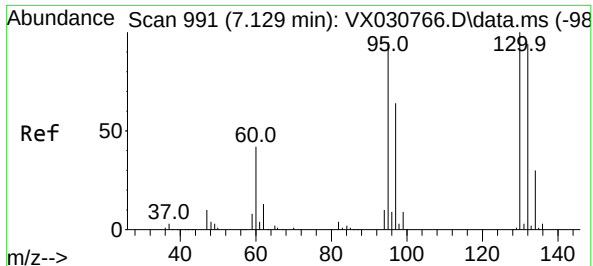
Tgt Ion: 62 Resp: 578

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

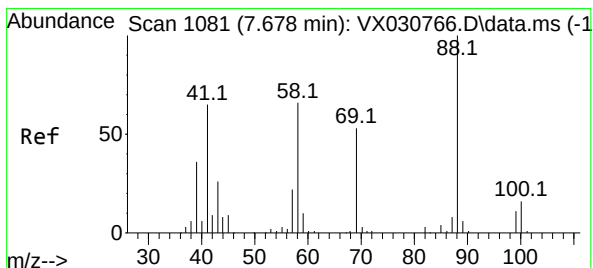
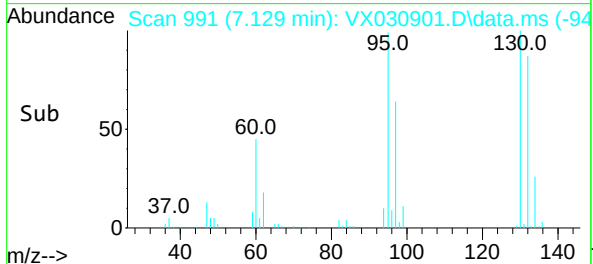
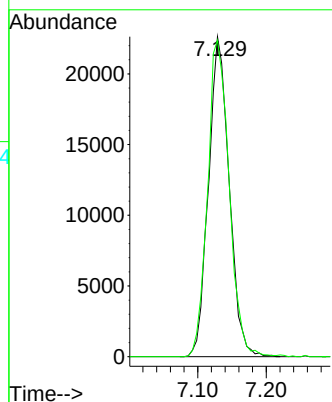
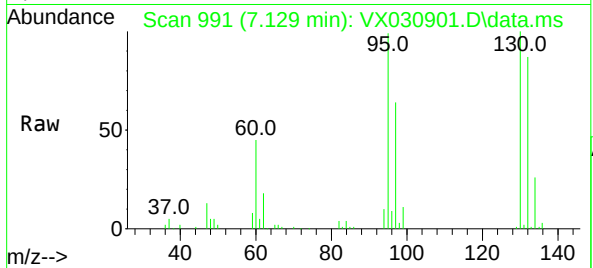




#44
Trichloroethene
Concen: 20.753 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

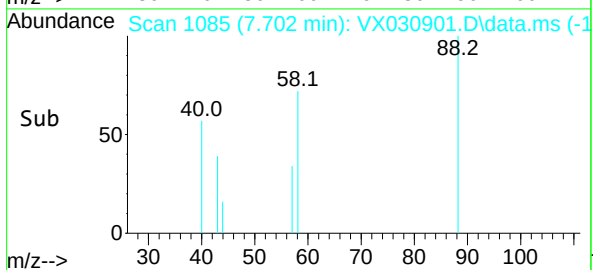
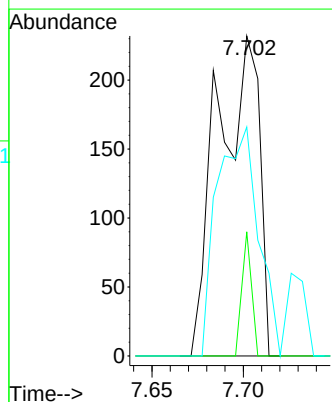
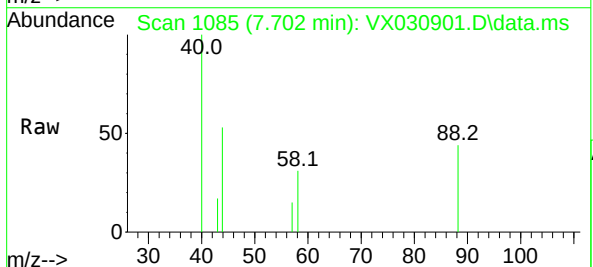
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

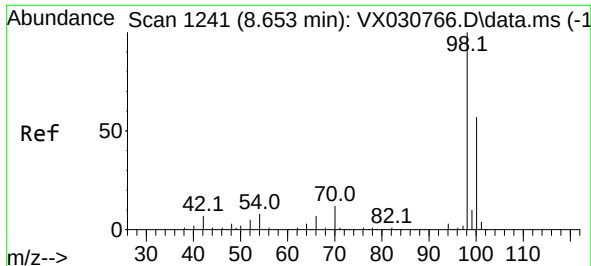
Tgt Ion:130 Resp: 47422
Ion Ratio Lower Upper
130 100
95 99.0 0.0 194.8



#49
1,4-Dioxane
Concen: 6.272 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.024 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 88 Resp: 364
Ion Ratio Lower Upper
88 100
43 9.1 23.8 35.8#
58 71.7 53.8 80.6

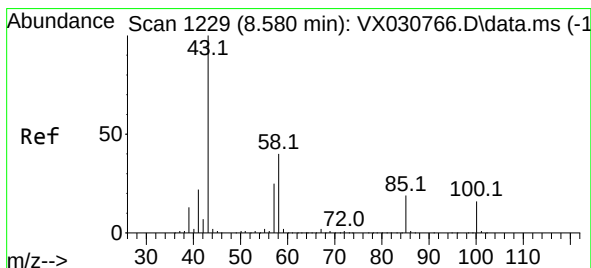
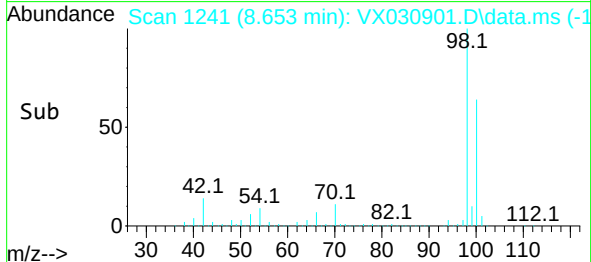
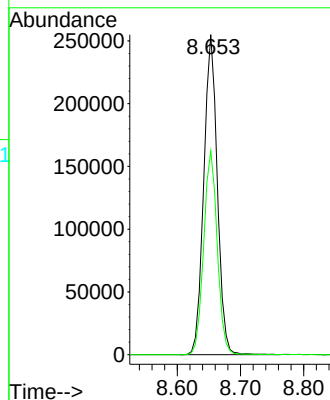
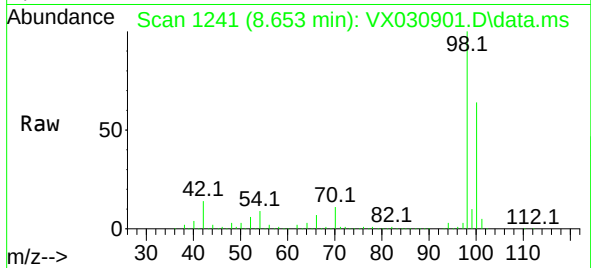




#50
Toluene-d8
Concen: 56.259 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

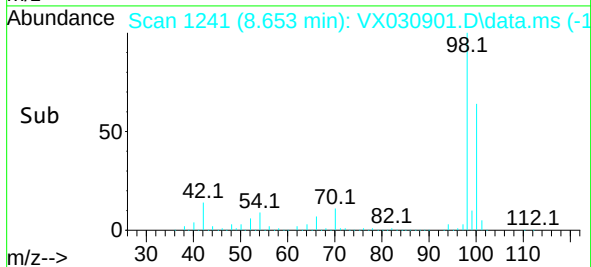
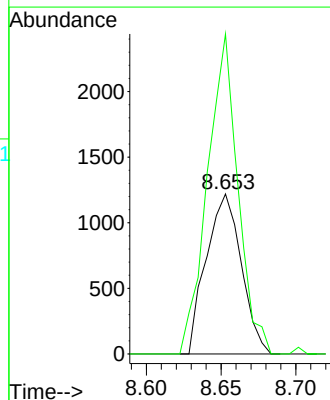
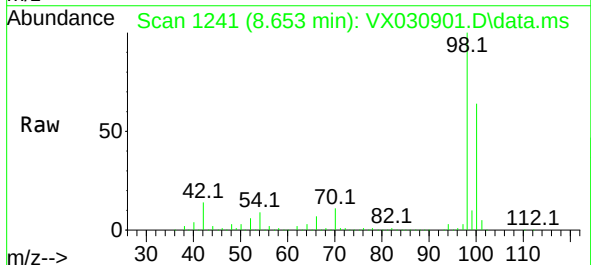
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

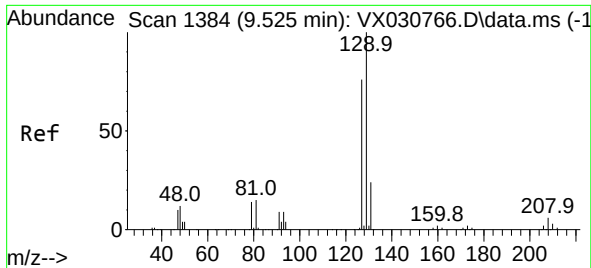
Tgt Ion: 98 Resp: 380597
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 174.0 31.4 47.2#

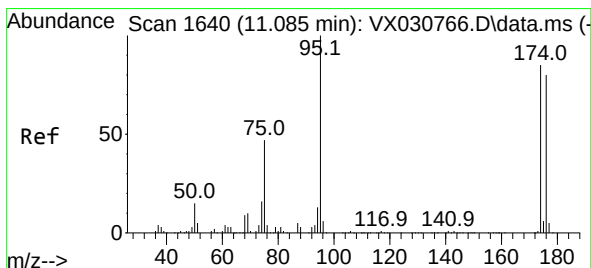
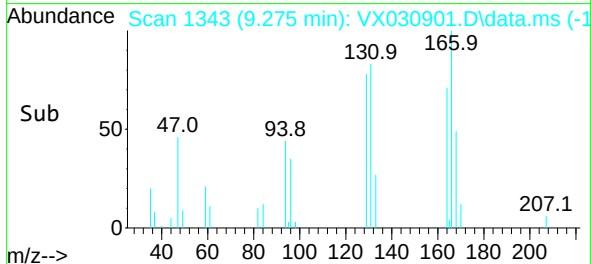
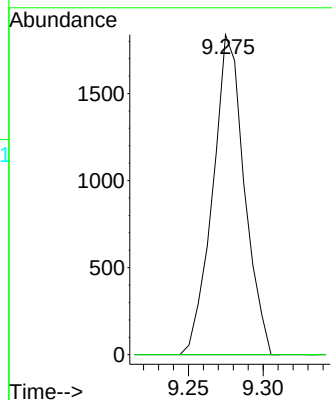
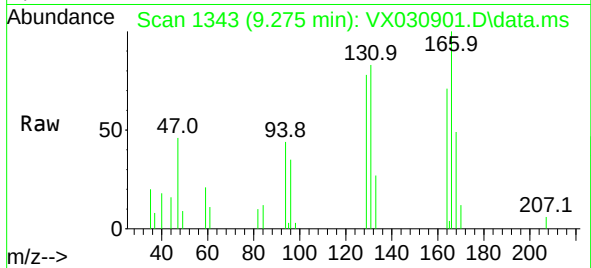




#60
Dibromochloromethane
Concen: 1.181 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

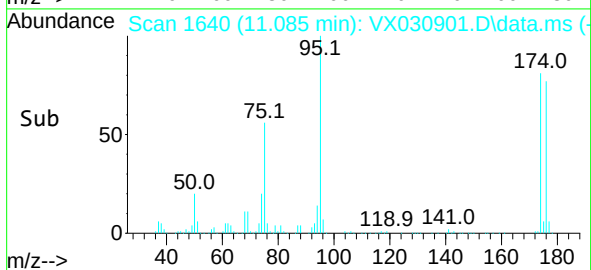
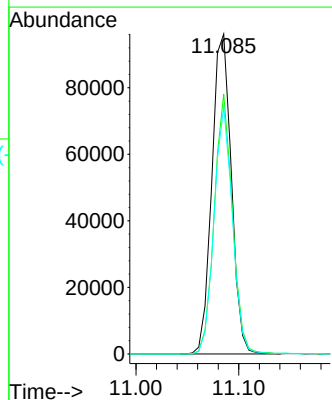
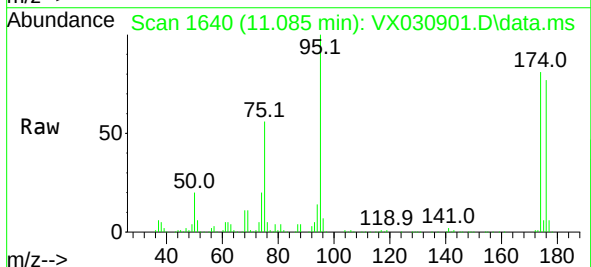
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

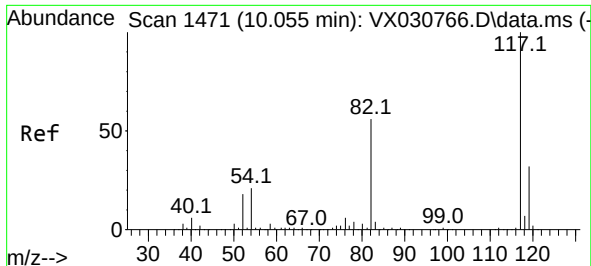
Tgt Ion:129 Resp: 2701
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 50.017 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion: 95 Resp: 125974
Ion Ratio Lower Upper
95 100
174 76.2 0.0 149.0
176 73.0 0.0 146.0

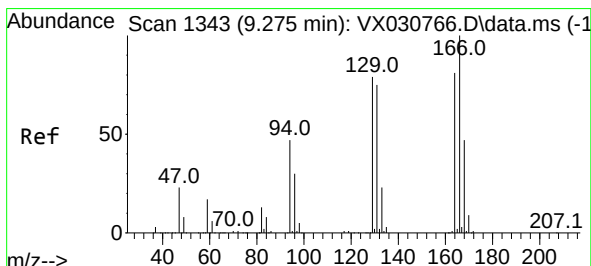
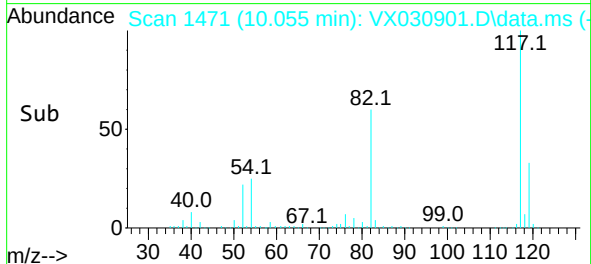
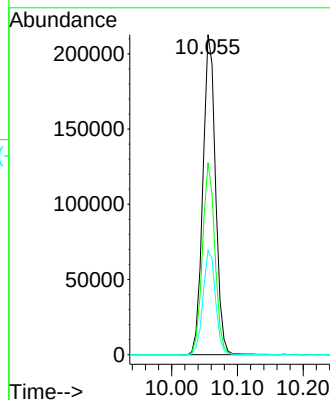
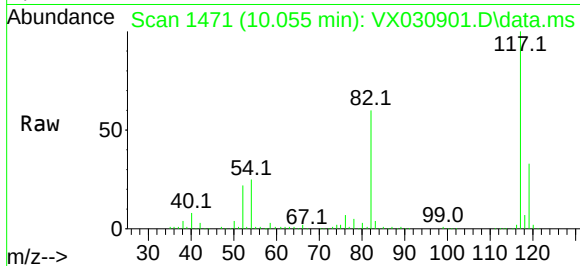




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

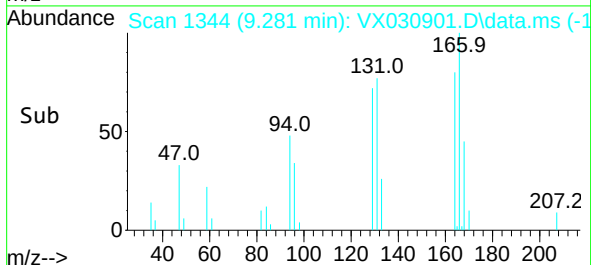
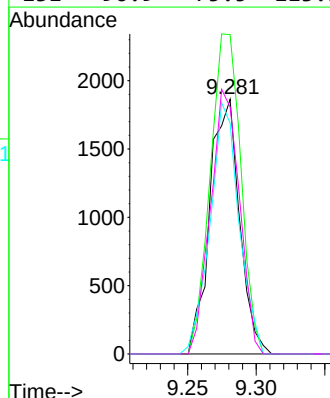
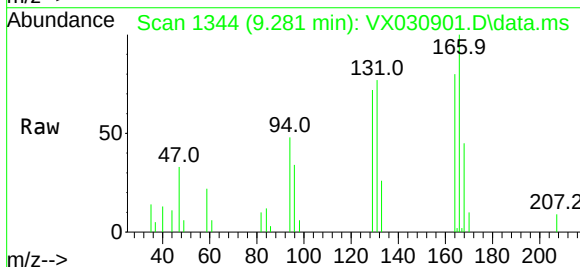
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824

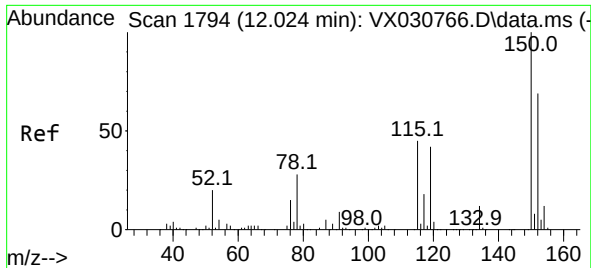
Tgt Ion:117 Resp: 283237
Ion Ratio Lower Upper
117 100
82 60.0 42.7 64.1
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 1.258 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030901.D
Acq: 28 Aug 2022 04:24

Tgt Ion:164 Resp: 2807
Ion Ratio Lower Upper
164 100
166 125.4 98.2 147.4
129 90.6 80.8 121.2
131 96.9 75.5 113.3

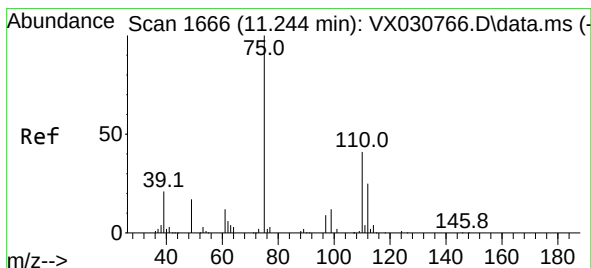
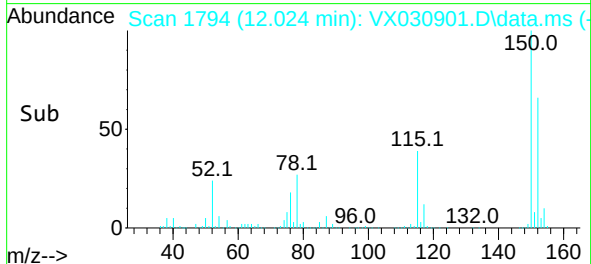
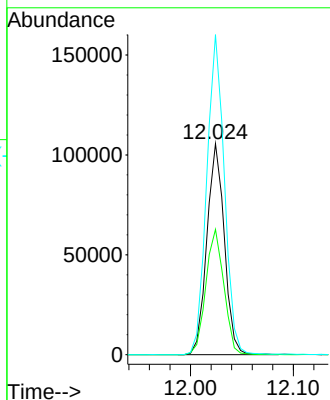
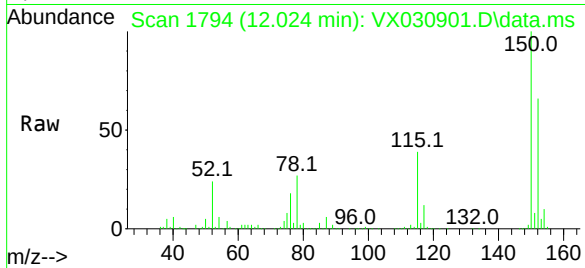




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030901.D
 Acq: 28 Aug 2022 04:24

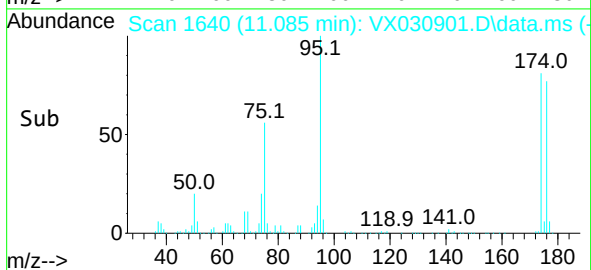
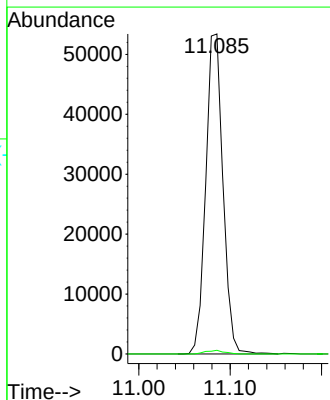
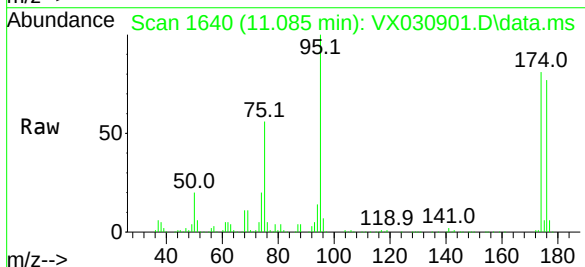
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220824

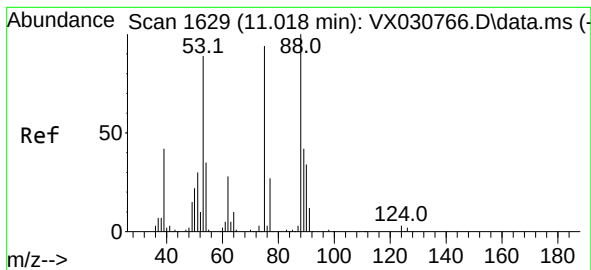
Tgt Ion:152 Resp: 124746
 Ion Ratio Lower Upper
 152 100
 115 61.2 40.5 121.5
 150 153.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.443 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030901.D
 Acq: 28 Aug 2022 04:24

Tgt Ion: 75 Resp: 69537
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.091 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030901.D
 Acq: 28 Aug 2022 04:24

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220824

Tgt Ion: 75 Resp: 69537
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

