

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072921\
 Data File : VX023497.D
 Acq On : 28 Jul 2021 16:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 03:15:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072921W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 29 03:13:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	38882	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	212420	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	187130	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	89053	30.157	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.533%	
60) 4-Bromofluorobenzene	11.085	95	84200	27.842	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 92.800%	
63) Toluene-d8	8.653	98	250809	29.710	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	983	0.433	ug/l	79
3) Chloromethane	1.294	50	821	0.320	ug/l	92
4) Vinyl Chloride	1.374	62	787	0.307	ug/l #	81
5) Bromomethane	1.611	94	2020	1.302	ug/l	88
7) Trichlorofluoromethane	1.892	101	1346	0.330	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1234	0.542	ug/l	90
10) 1,1-Dichloroethene	2.325	96	831	0.378	ug/l #	72
11) Methyl Iodide	2.465	142	2740	0.888	ug/l	89
14) Acrylonitrile	3.075	53	1773	1.194	ug/l	91
15) Acetone	2.392	58	173	0.411	ug/l #	21
16) Carbon Disulfide	2.520	76	8381	1.589	ug/l	100
17) Allyl chloride	2.666	41	1100	0.273	ug/l	85
18) Methylene Chloride	2.794	84	2246	0.856	ug/l	94
19) trans-1,2-Dichloroethene	3.099	96	1730	0.733	ug/l #	85
22) cis-1,2-Dichloroethene	4.507	96	857	0.307	ug/l #	73
23) tert-Butyl Alcohol	2.965	59	187	0.286	ug/l #	100
26) Cyclohexane	5.477	56	1522	0.372	ug/l #	66
29) 1,1-Dichloropropene	5.702	75	1686	0.519	ug/l	81
37) Trichloroethene	7.135	130	1173	0.448	ug/l	96
38) Methylcyclohexane	7.385	83	1651	0.402	ug/l	88
40) Dibromomethane	7.598	93	568	0.325	ug/l	97
42) Vinyl Acetate	3.739	43	2710	0.388	ug/l #	93
45) 1,4-Dioxane	7.671	88	25	0.382	ug/l #	1
46) Methyl methacrylate	7.385	41	987	0.320	ug/l	67
48) t-1,3-Dichloropropene	8.982	75	955	0.258	ug/l	99
55) 2-Chloroethyl vinyl ether	8.250	63	3331	1.628	ug/l	96
58) 4-Methyl-2-Pentanone	8.580	43	956	0.244	ug/l #	75
59) 2-Hexanone	9.433	43	1015	0.336	ug/l #	87
61) Tetrachloroethene	9.275	164	1345	0.551	ug/l	95
62) Toluene	8.726	91	2548	0.246	ug/l	96
64) Chlorobenzene	10.079	112	2374	0.368	ug/l	91
66) Ethyl Benzene	10.201	91	3268	0.286	ug/l	98
67) m/p-Xylenes	10.305	106	2754	0.633	ug/l	99
68) o-Xylene	10.652	106	939	0.217	ug/l	88
69) Styrene	10.659	104	1770	0.253	ug/l	97
70) Isopropylbenzene	10.963	105	3397	0.302	ug/l	96
73) Bromobenzene	11.207	156	1063	0.381	ug/l	92
74) n-propylbenzene	11.305	91	5794	0.446	ug/l	96
75) 2-Chlorotoluene	11.372	91	2775	0.356	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 29 03:13:17 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

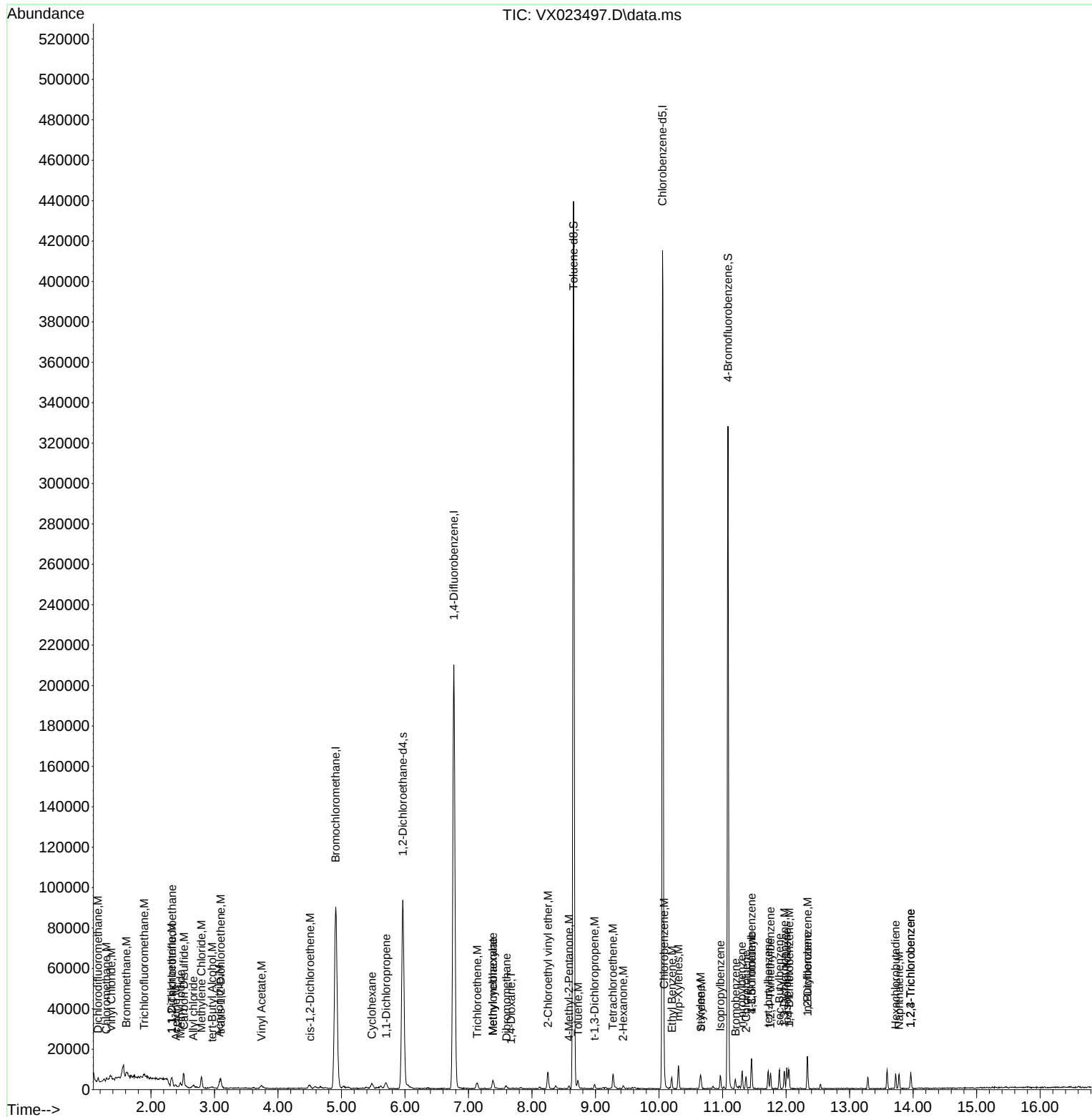
76) 1,3,5-Trimethylbenzene	11.457	105	3371	0.360	ug/l	100
78) 4-Chlorotoluene	11.457	91	4132	0.473	ug/l	96
79) tert-butylbenzene	11.719	119	3121	0.342	ug/l	91
80) 1,2,4-Trimethylbenzene	11.756	105	3513	0.381	ug/l	99
81) sec-Butylbenzene	11.896	105	5048	0.433	ug/l	98
82) p-Isopropyltoluene	12.012	119	4000	0.416	ug/l	95
83) 1,3-Dichlorobenzene	11.975	146	3013	0.609	ug/l	98
84) 1,4-Dichlorobenzene	12.049	146	3380	0.688	ug/l	94
85) n-Butylbenzene	12.335	91	4271	0.502	ug/l	98
87) 1,2-Dichlorobenzene	12.341	146	1930	0.405	ug/l	96
89) 1,2,4-Trichlorobenzene	13.963	180	2167	0.733	ug/l	98
90) Hexachlorobutadiene	13.725	225	1061	0.805	ug/l	86
91) Naphthalene	13.780	128	4916	0.478	ug/l	97
92) 1,2,3-Trichlorobenzene	13.963	180	2167	0.724	ug/l	99

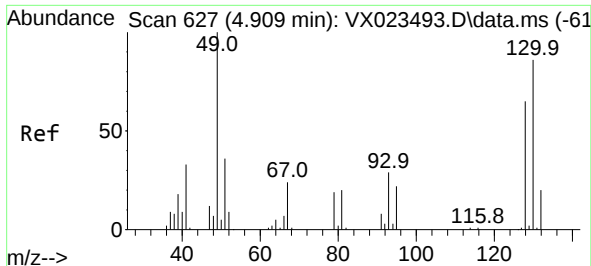
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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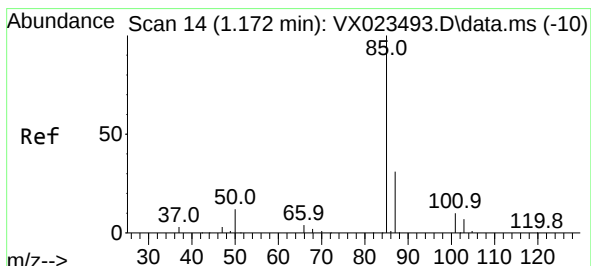
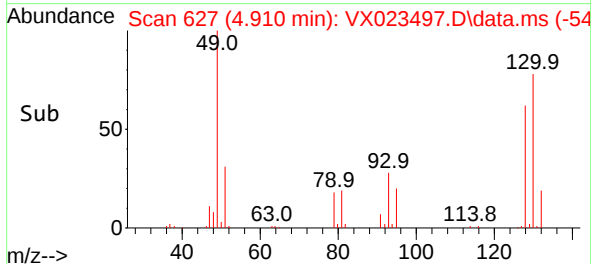
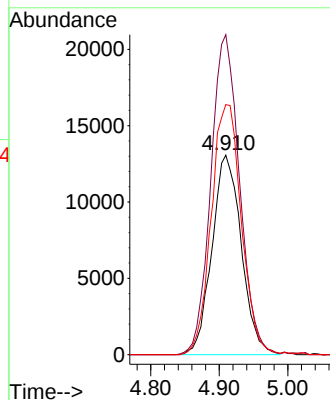
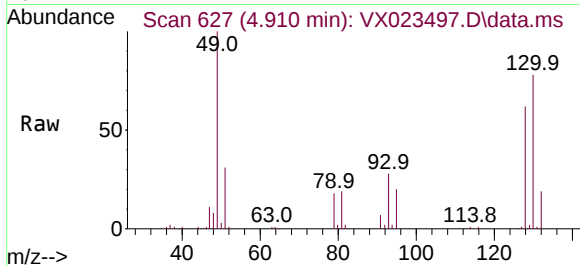




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

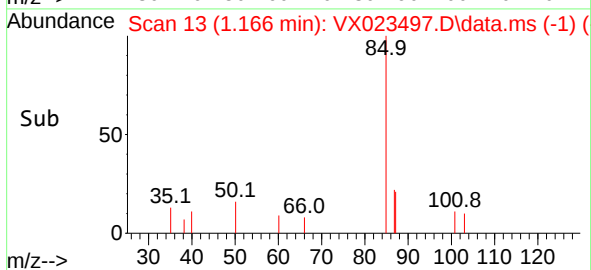
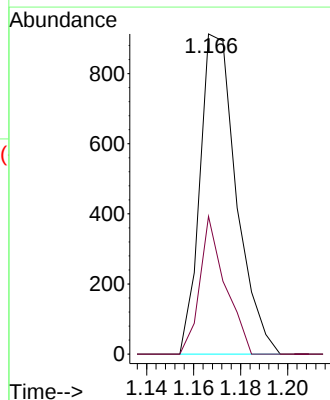
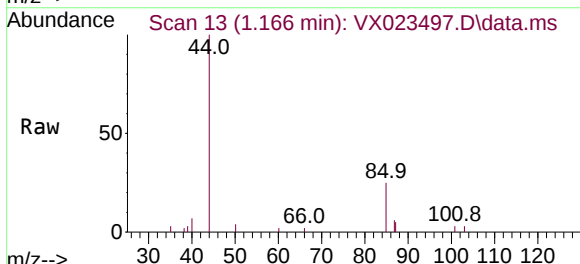
Instrument :
MSVOA_X
ClientSampled :

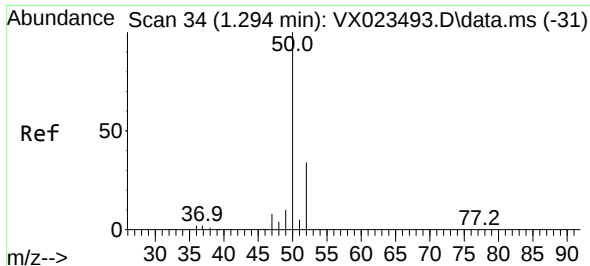
Tgt Ion:128 Resp: 38882
Ion Ratio Lower Upper
128 100
49 156.6 0.0 402.5
130 128.5 0.0 326.5



#2
Dichlorodifluoromethane
Concen: 0.433 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 85 Resp: 983
Ion Ratio Lower Upper
85 100
87 43.0 15.6 46.8

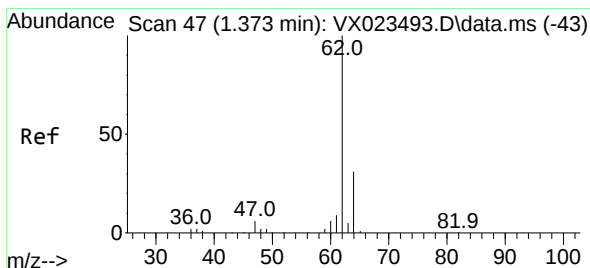
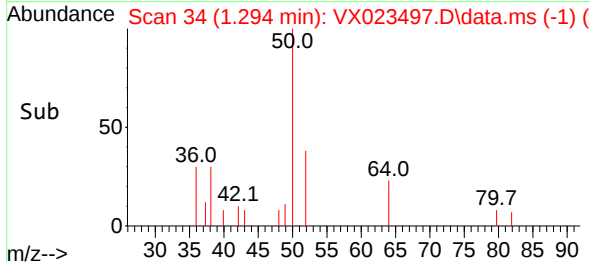
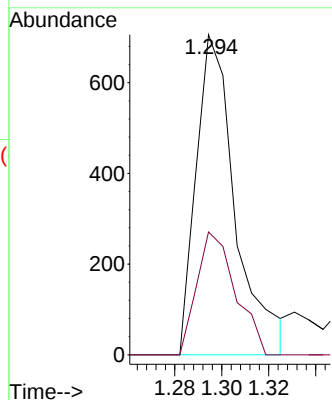
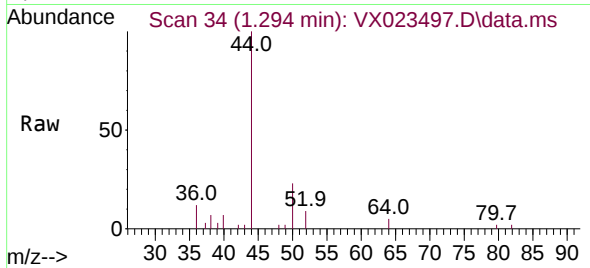




#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

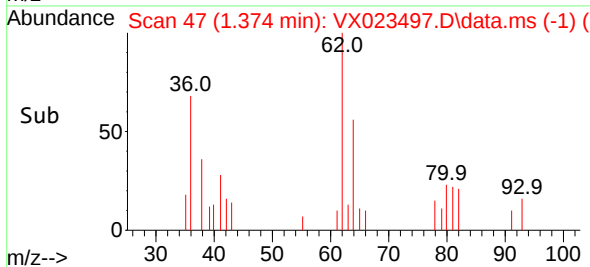
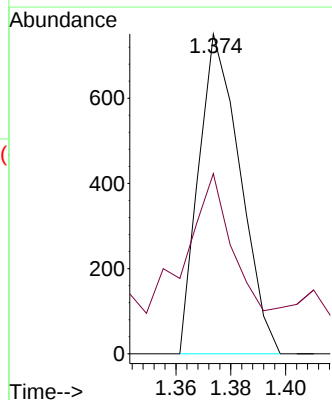
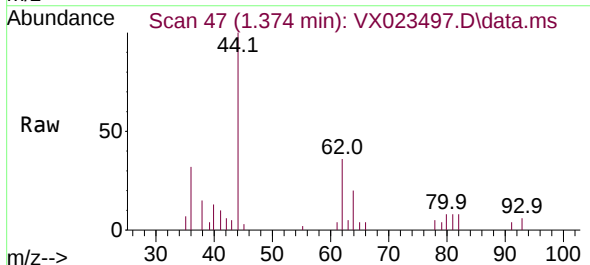
Instrument :
MSVOA_X
ClientSampled :

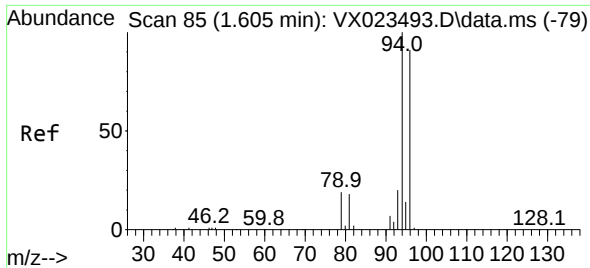
Tgt Ion: 50 Resp: 821
Ion Ratio Lower Upper
50 100
52 38.4 26.9 40.3



#4
Vinyl Chloride
Concen: 0.307 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 62 Resp: 787
Ion Ratio Lower Upper
62 100
64 41.9 25.0 37.4#

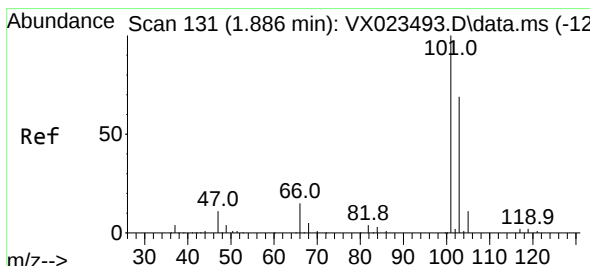
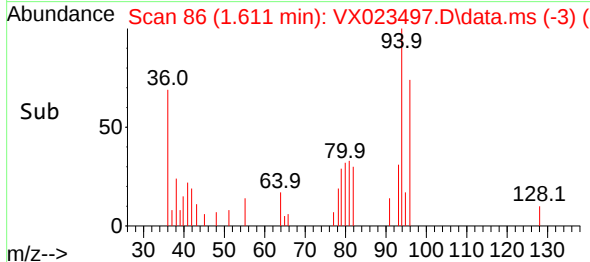
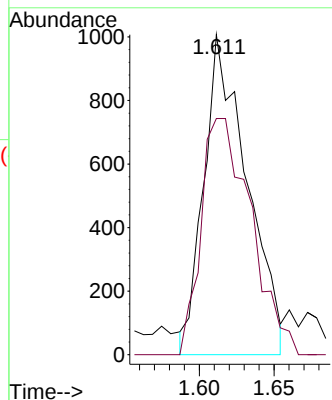
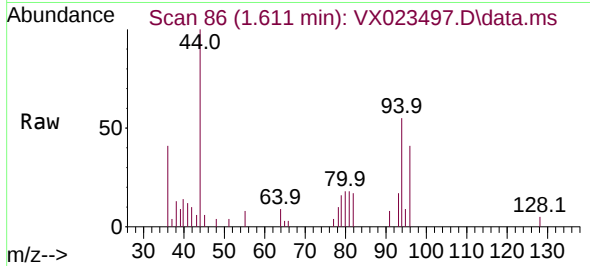




#5
Bromomethane
Concen: 1.302 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

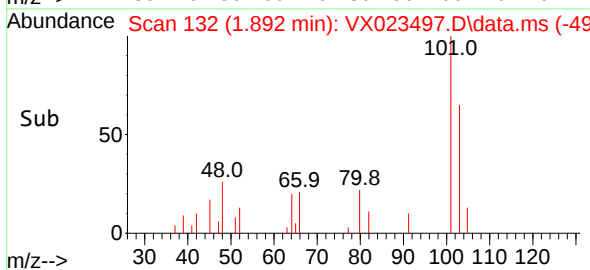
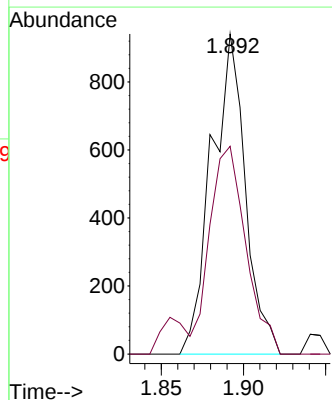
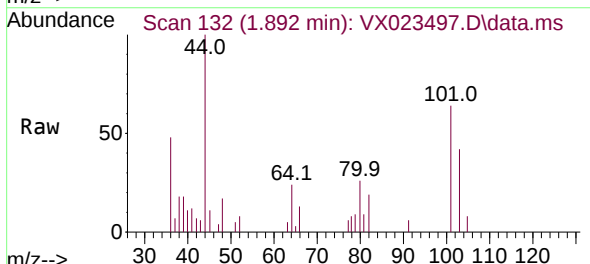
Instrument :
MSVOA_X
ClientSampled :

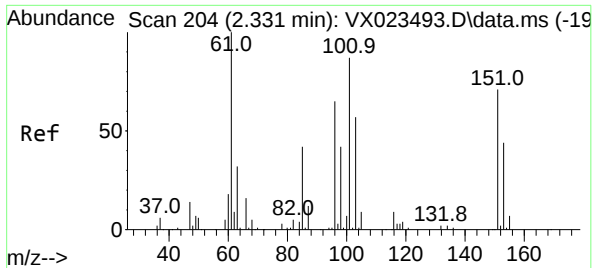
Tgt Ion: 94 Resp: 2020
Ion Ratio Lower Upper
94 100
96 79.5 72.8 109.2



#7
Trichlorofluoromethane
Concen: 0.330 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:101 Resp: 1346
Ion Ratio Lower Upper
101 100
103 64.9 55.0 82.6

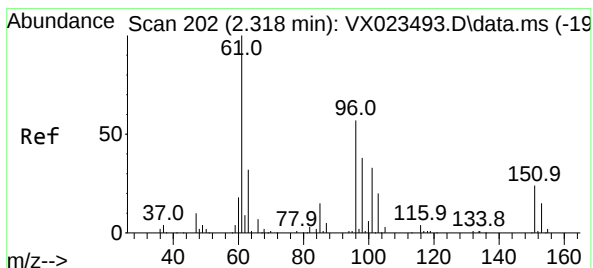
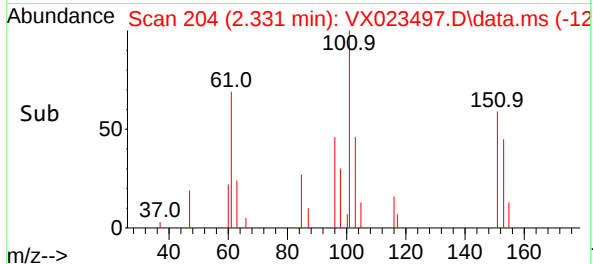
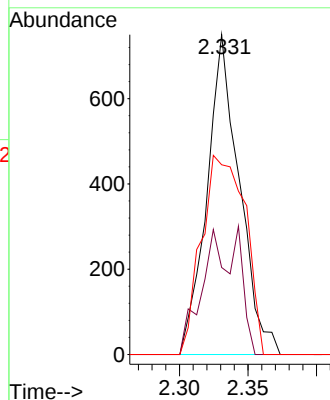
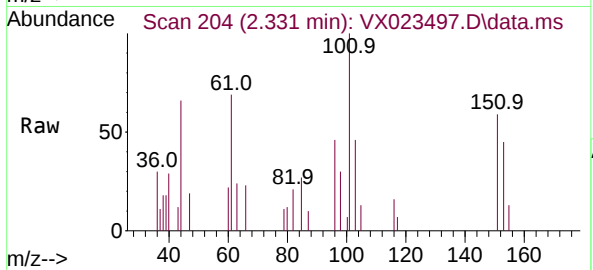




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.542 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

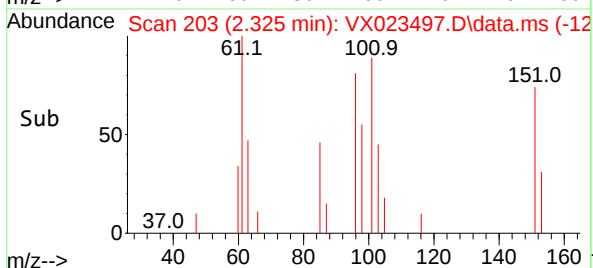
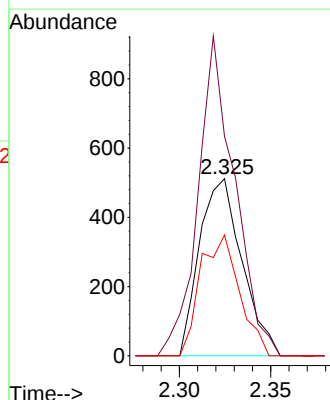
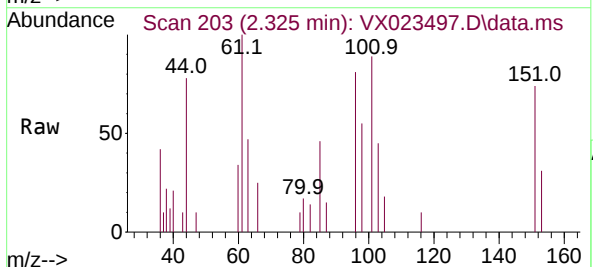
Instrument :
MSVOA_X
ClientSampled :

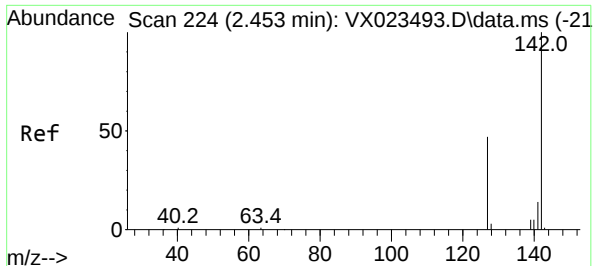
Tgt Ion:	101	Resp:	1234
Ion	Ratio	Lower	Upper
101	100		
85	31.5	0.0	91.4
151	83.6	0.0	160.0



#10
1,1-Dichloroethene
Concen: 0.378 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

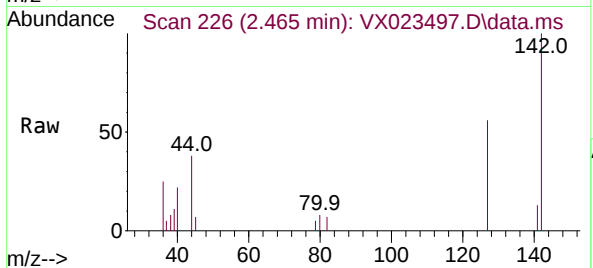
Tgt Ion:	96	Resp:	831
Ion	Ratio	Lower	Upper
96	100		
61	123.8	140.3	210.5#
98	68.2	52.8	79.2



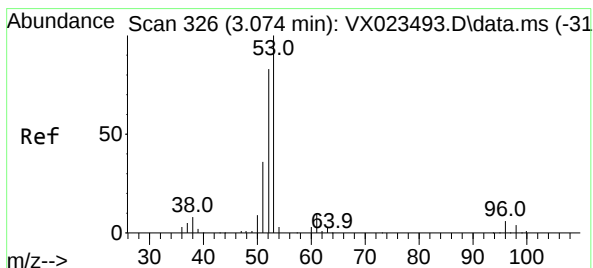
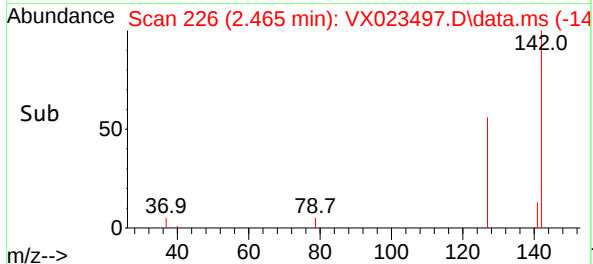
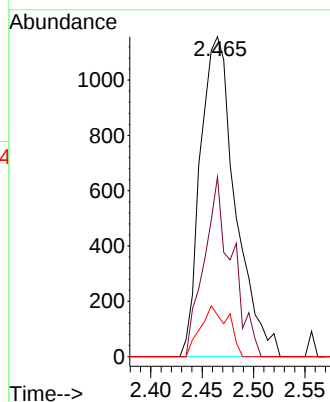


#11
Methyl Iodide
Concen: 0.888 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

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ClientSampleId :

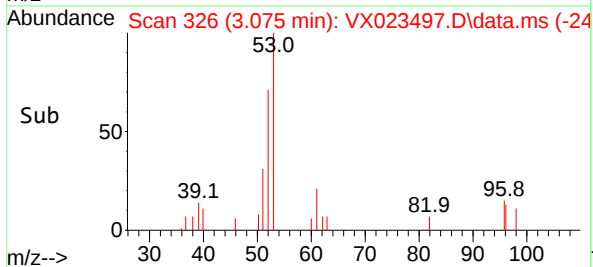
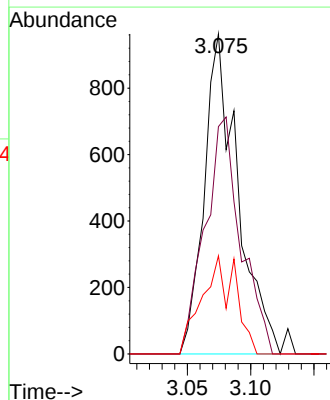
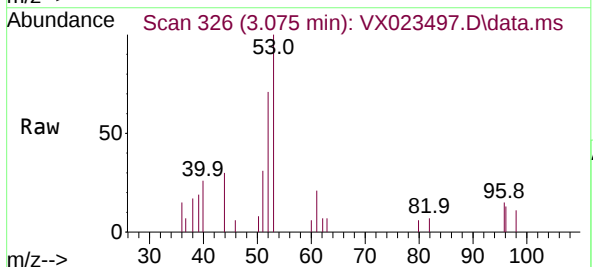


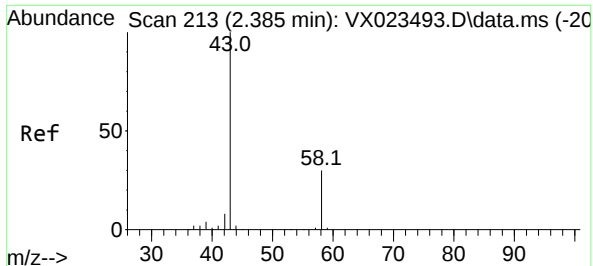
Tgt Ion:142 Resp: 2740
Ion Ratio Lower Upper
142 100
127 56.2 23.6 71.0
141 13.0 7.1 21.3



#14
Acrylonitrile
Concen: 1.194 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 53 Resp: 1773
Ion Ratio Lower Upper
53 100
52 78.8 40.4 121.2
51 21.3 18.1 54.1

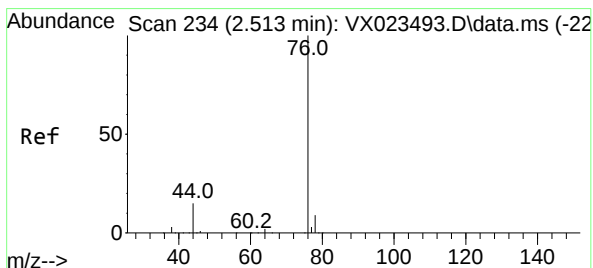
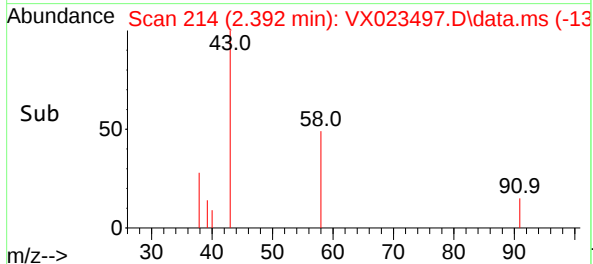
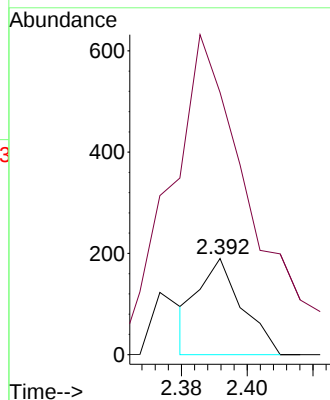
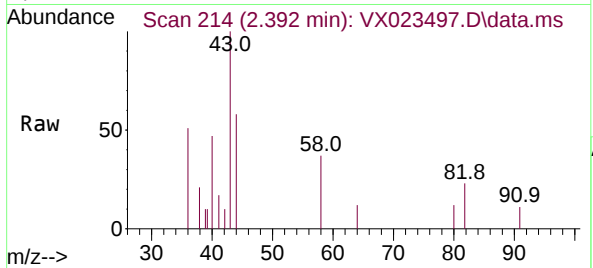




#15
Acetone
Concen: 0.411 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

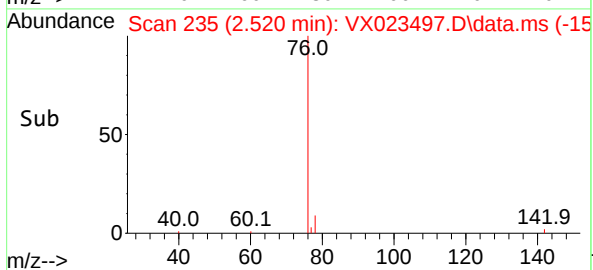
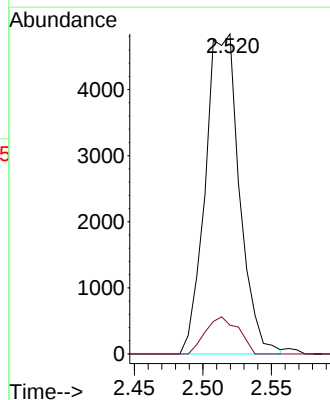
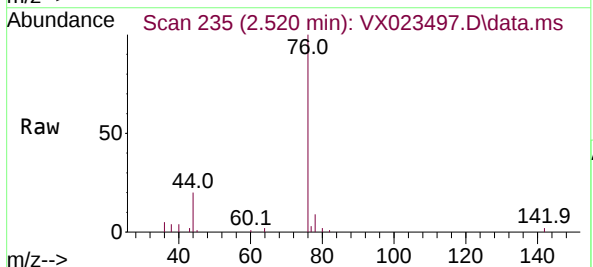
Instrument :
MSVOA_X
ClientSampled :

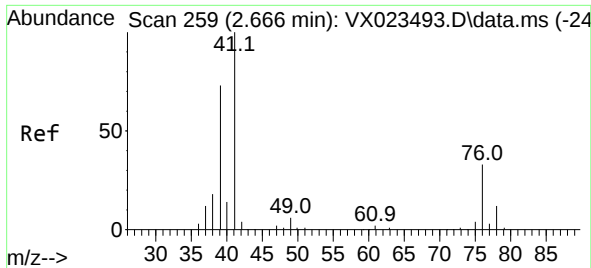
Tgt Ion: 58 Resp: 173
Ion Ratio Lower Upper
58 100
43 167.9 266.6 400.0#



#16
Carbon Disulfide
Concen: 1.589 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.007 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 76 Resp: 8381
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#17

Allyl chloride

Concen: 0.273 ug/l

RT: 2.666 min Scan# 259

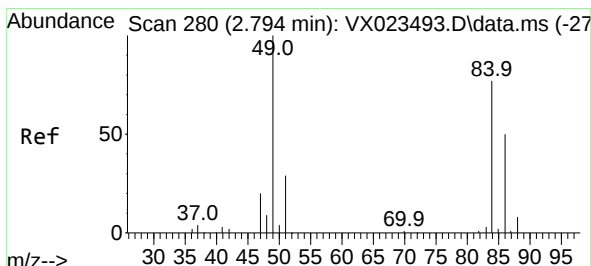
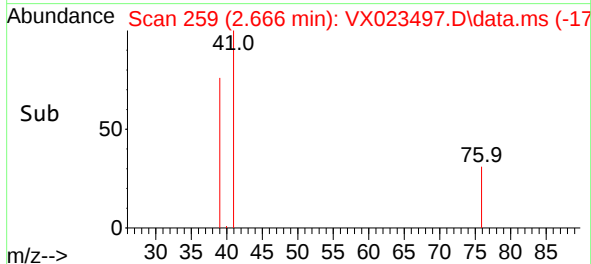
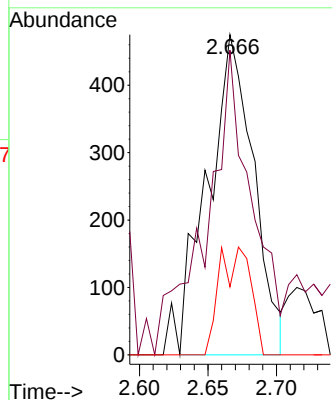
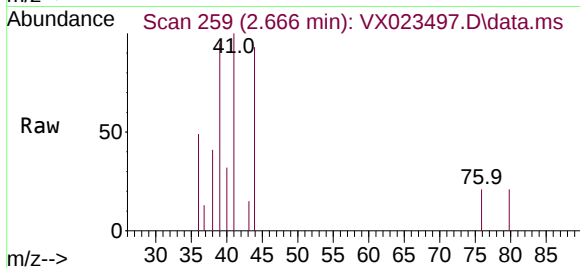
Delta R.T. 0.000 min

Lab File: VX023497.D

Acq: 28 Jul 2021 16:58

Tgt Ion:	41	Resp:	1100
Ion	Ratio	Lower	Upper
41	100		
39	82.9	36.4	109.3
76	21.3	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :



#18

Methylene Chloride

Concen: 0.856 ug/l

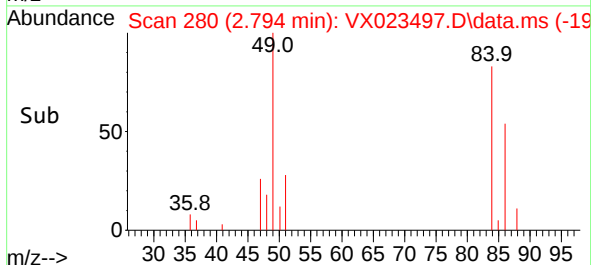
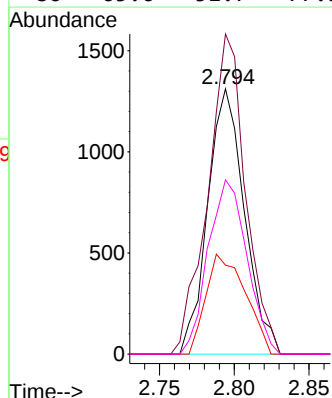
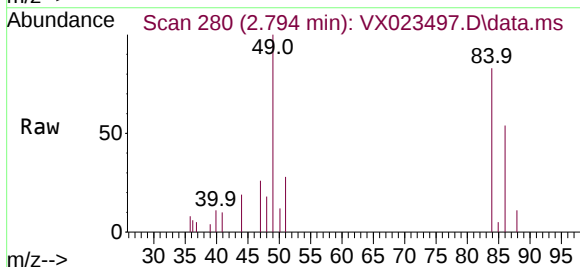
RT: 2.794 min Scan# 280

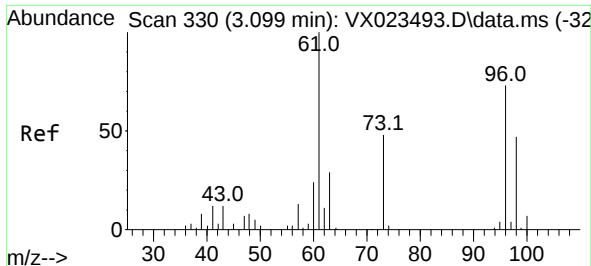
Delta R.T. 0.000 min

Lab File: VX023497.D

Acq: 28 Jul 2021 16:58

Tgt Ion:	84	Resp:	2246
Ion	Ratio	Lower	Upper
84	100		
49	120.7	104.3	156.5
51	33.5	30.3	45.5
86	65.6	51.7	77.5

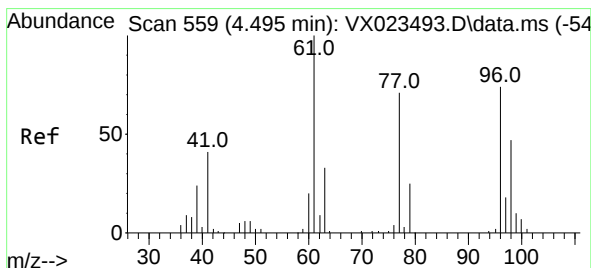
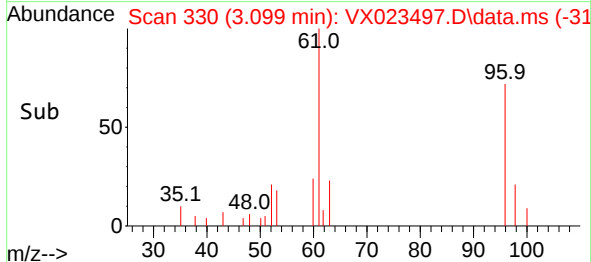
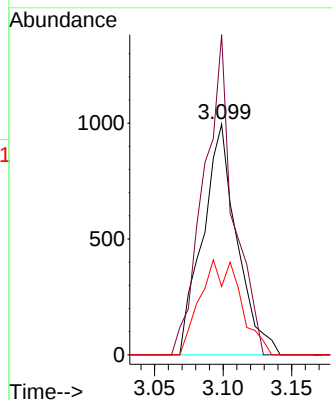
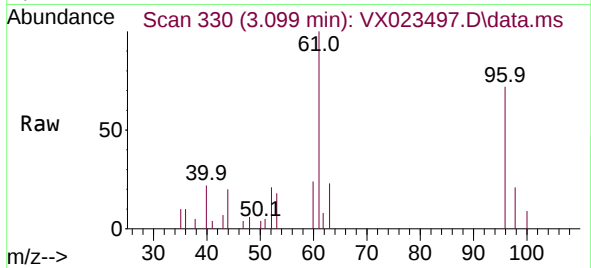




#19
trans-1,2-Dichloroethene
Concen: 0.733 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

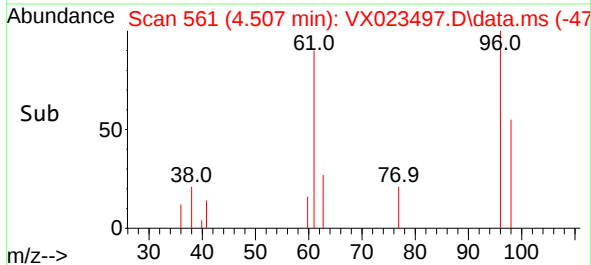
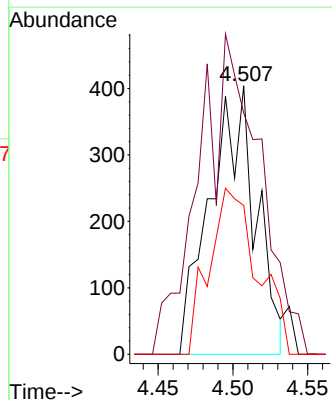
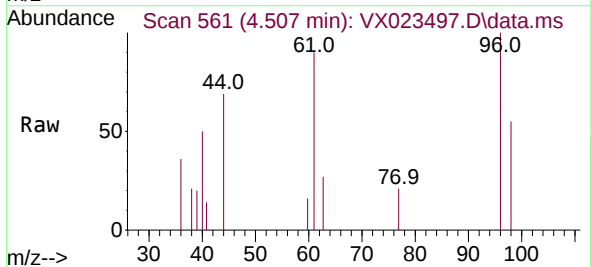
Instrument :
MSVOA_X
ClientSampled :

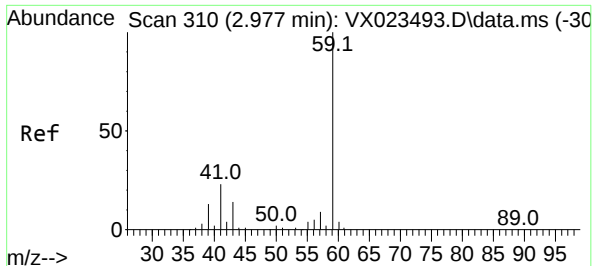
Tgt Ion: 96 Resp: 1730
Ion Ratio Lower Upper
96 100
61 138.9 109.2 163.8
98 29.6 50.8 76.2#



#22
cis-1,2-Dichloroethene
Concen: 0.307 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 96 Resp: 857
Ion Ratio Lower Upper
96 100
61 99.5 114.5 171.7#
98 56.9 51.3 76.9





#23

tert-Butyl Alcohol

Concen: 0.286 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX023497.D

Acq: 28 Jul 2021 16:58

Instrument :

MSVOA_X

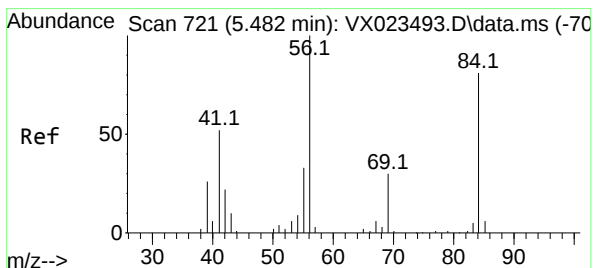
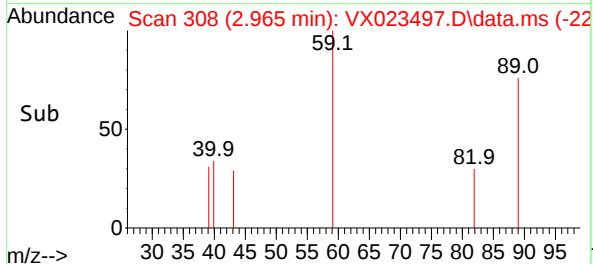
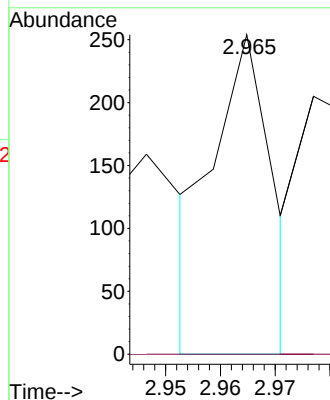
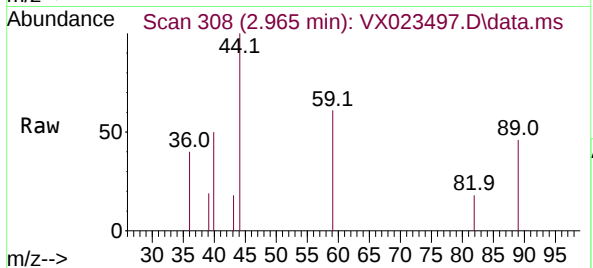
ClientSampled :

Tgt Ion: 59 Resp: 187

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#26

Cyclohexane

Concen: 0.372 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.005 min

Lab File: VX023497.D

Acq: 28 Jul 2021 16:58

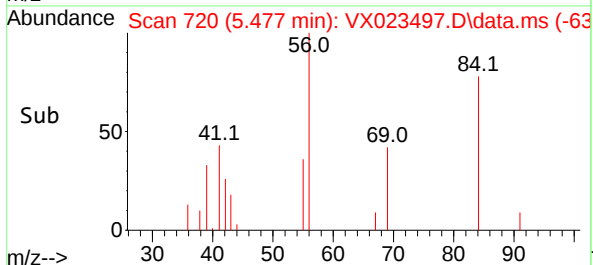
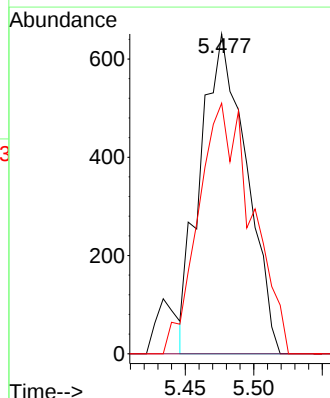
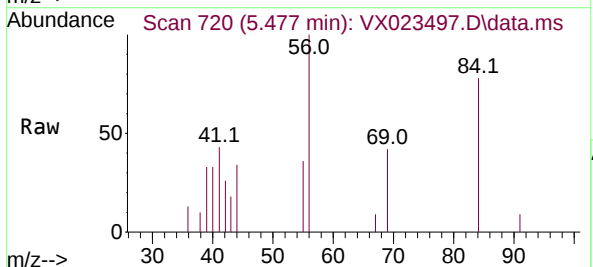
Tgt Ion: 56 Resp: 1522

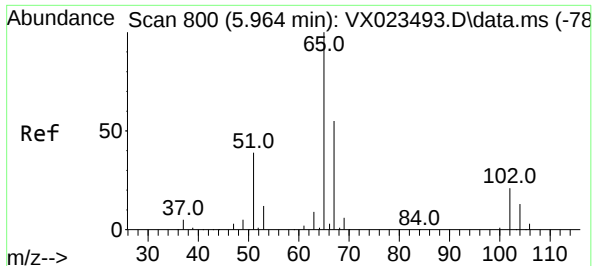
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 55.4 69.0 103.6#



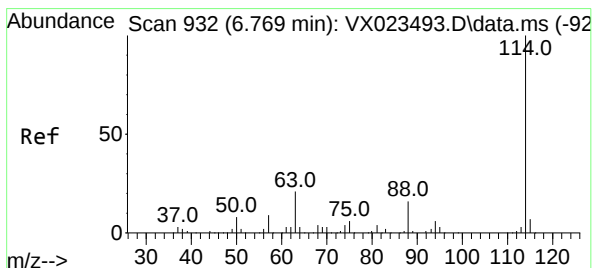
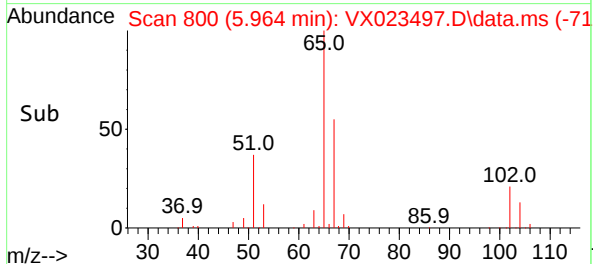
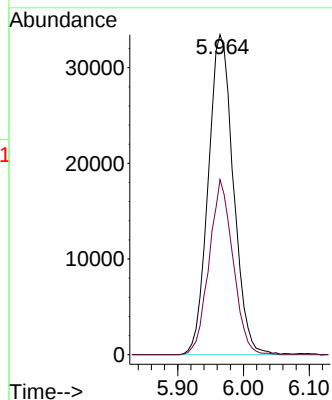
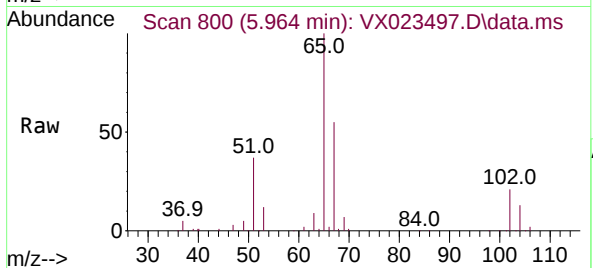


#27

1,2-Dichloroethane-d4
Concen: 30.157 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

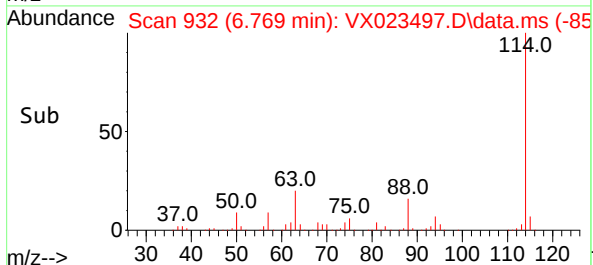
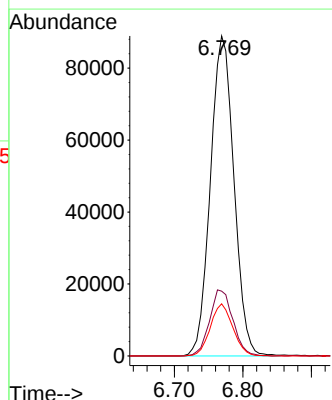
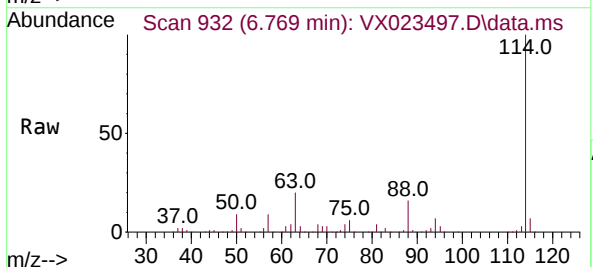
Tgt Ion: 65 Resp: 89053
Ion Ratio Lower Upper
65 100
67 51.8 42.4 63.6

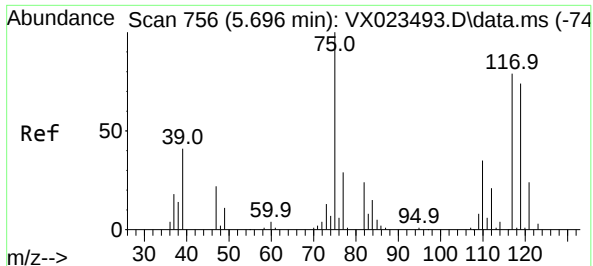


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 114 Resp: 212420
Ion Ratio Lower Upper
114 100
63 20.4 16.4 24.6
88 15.6 12.7 19.1





#29

1,1-Dichloropropene

Concen: 0.519 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX023497.D

Acq: 28 Jul 2021 16:58

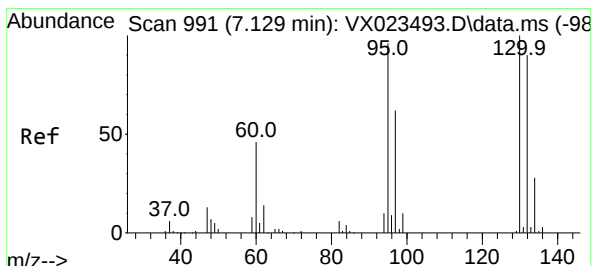
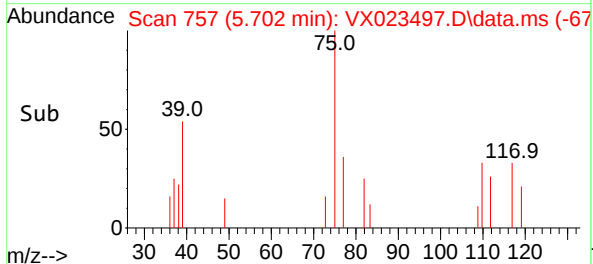
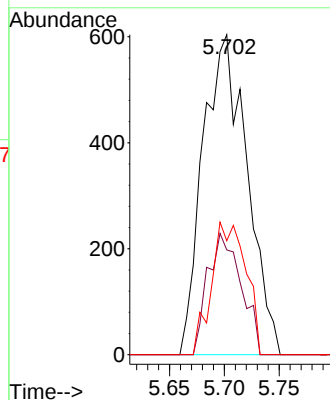
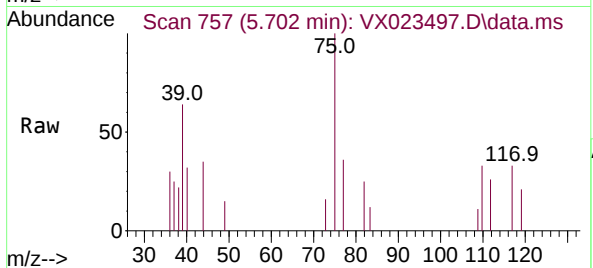
Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

110 28.6 0.0 72.0

77 16.4 0.0 61.8



#37

Trichloroethene

Concen: 0.448 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX023497.D

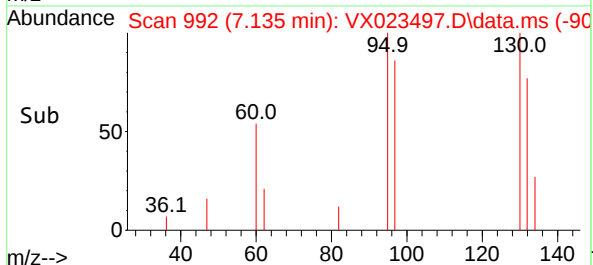
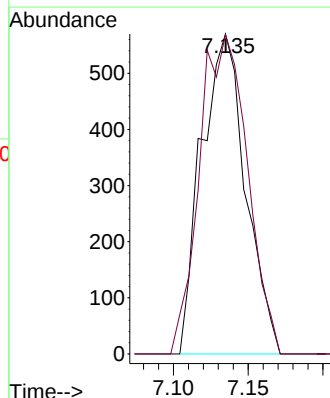
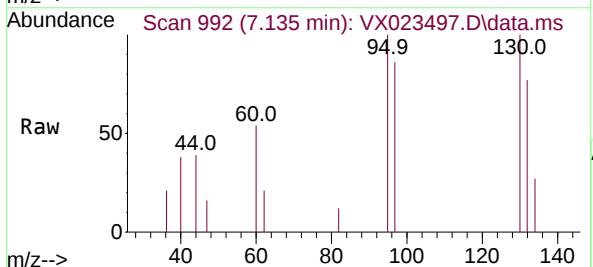
Acq: 28 Jul 2021 16:58

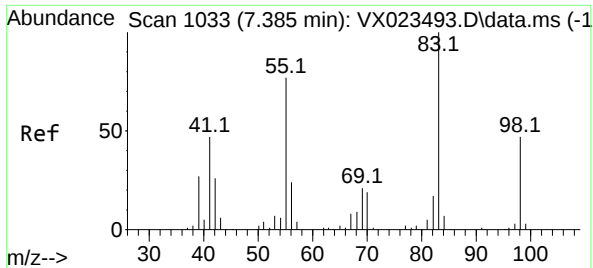
Tgt Ion:130 Resp: 1173

Ion Ratio Lower Upper

130 100

95 99.8 77.0 115.4

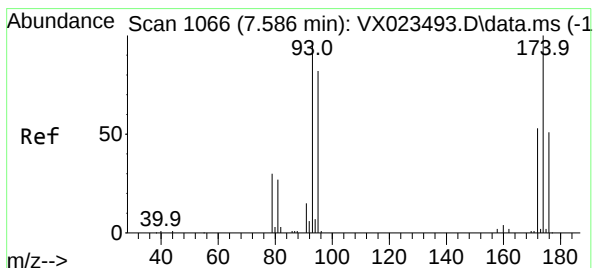
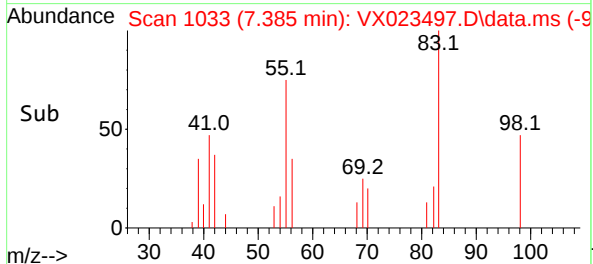
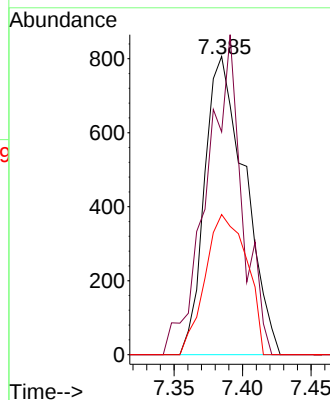
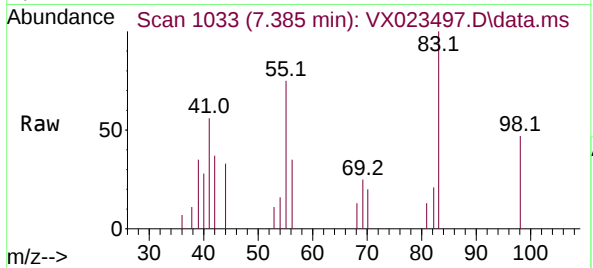




#38
Methylcyclohexane
Concen: 0.402 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

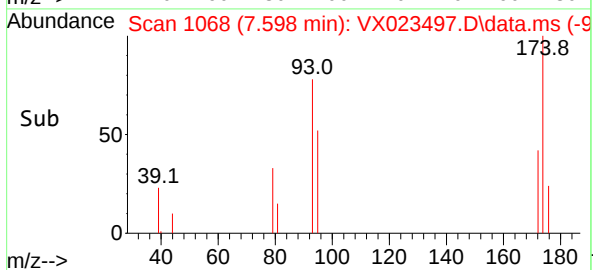
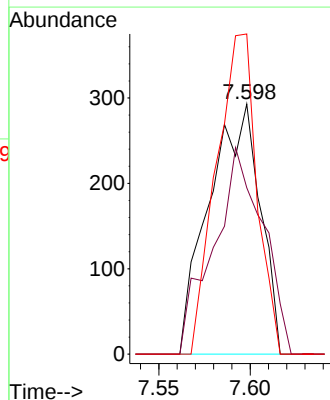
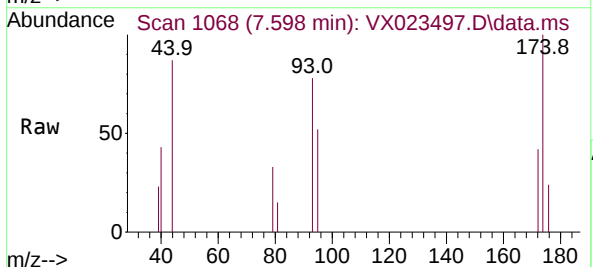
Instrument :
MSVOA_X
ClientSampled :

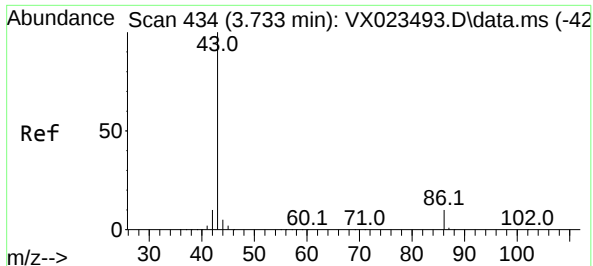
Tgt Ion: 83	Resp:	1651
Ion	Ratio	Lower Upper
83	100	
55	90.5	37.8 113.4
98	48.5	23.4 70.3



#40
Dibromomethane
Concen: 0.325 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 93	Resp:	568
Ion	Ratio	Lower Upper
93	100	
95	80.6	0.0 168.4
174	101.8	0.0 206.6

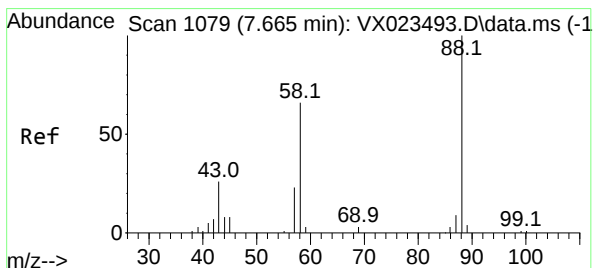
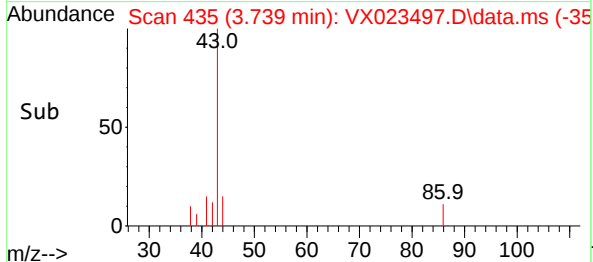
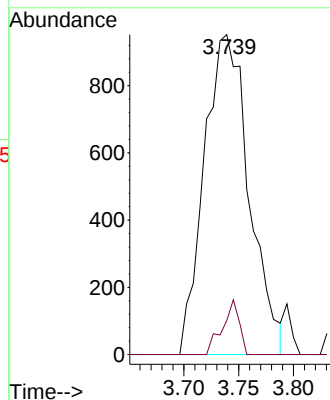
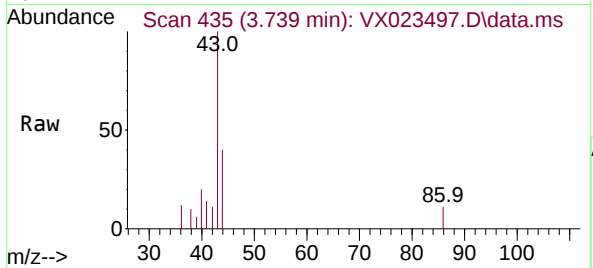




#42
 Vinyl Acetate
 Concen: 0.388 ug/l
 RT: 3.739 min Scan# 435
 Delta R.T. 0.006 min
 Lab File: VX023497.D
 Acq: 28 Jul 2021 16:58

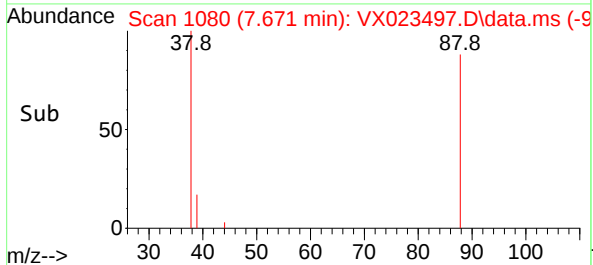
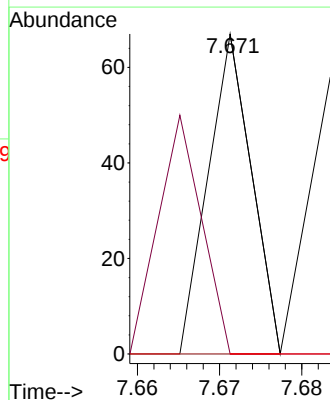
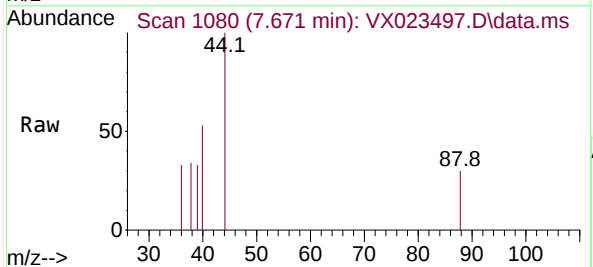
Instrument :
 MSVOA_X
 ClientSampled :

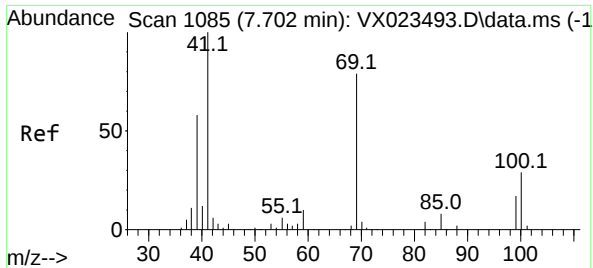
Tgt Ion: 43 Resp: 2710
 Ion Ratio Lower Upper
 43 100
 86 6.4 7.2 10.8#



#45
 1,4-Dioxane
 Concen: 0.382 ug/l
 RT: 7.671 min Scan# 1080
 Delta R.T. 0.006 min
 Lab File: VX023497.D
 Acq: 28 Jul 2021 16:58

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 208.0 25.3 37.9#
 58 0.0 53.1 79.7#

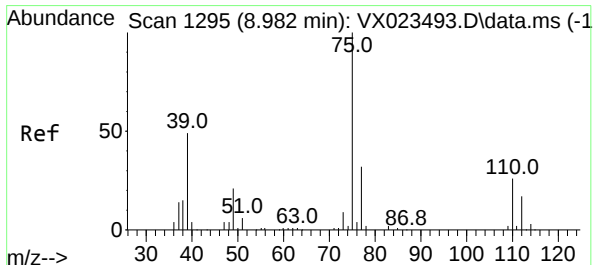
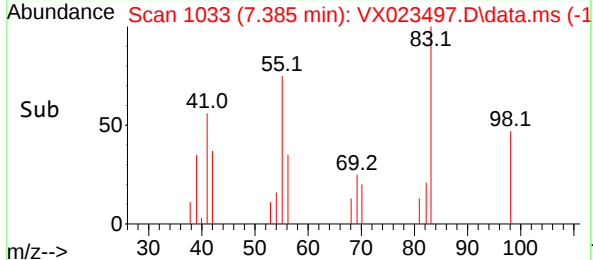
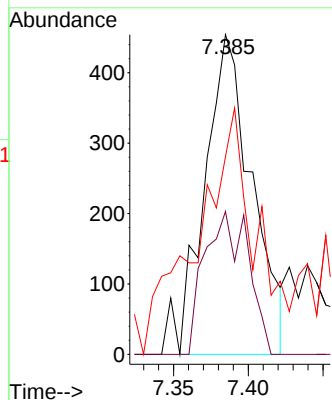
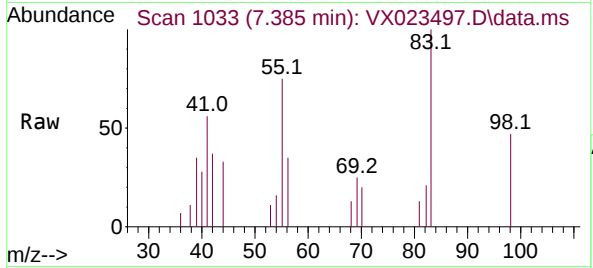




#46
Methyl methacrylate
Concen: 0.320 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.317 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

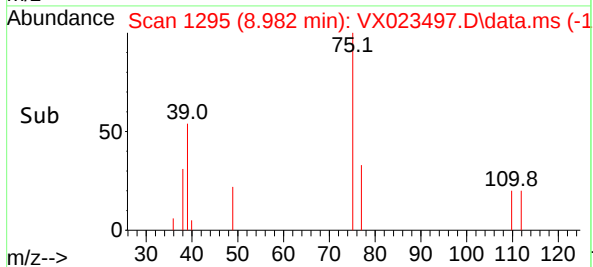
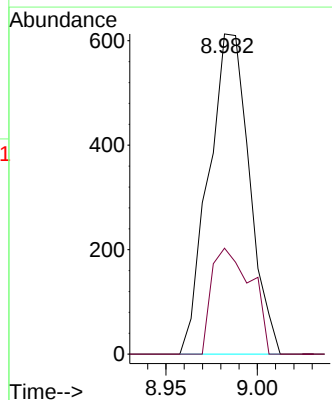
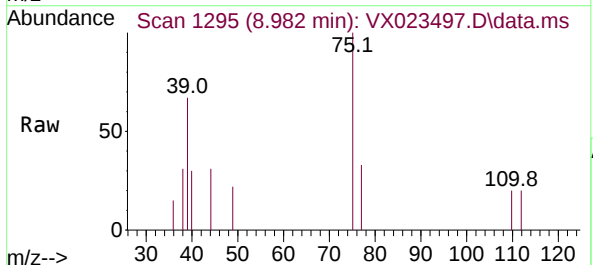
Instrument :
MSVOA_X
ClientSampled :

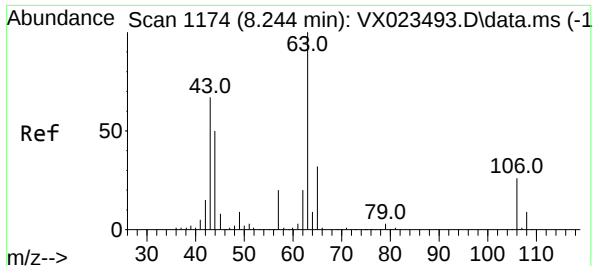
Tgt Ion:	41	Resp:	987
Ion	Ratio	Lower	Upper
41	100		
69	44.7	39.5	118.5
39	39.0	29.0	87.1



#48
t-1,3-Dichloropropene
Concen: 0.258 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:	75	Resp:	955
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.8	38.8

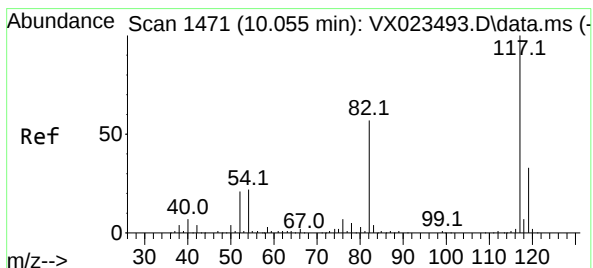
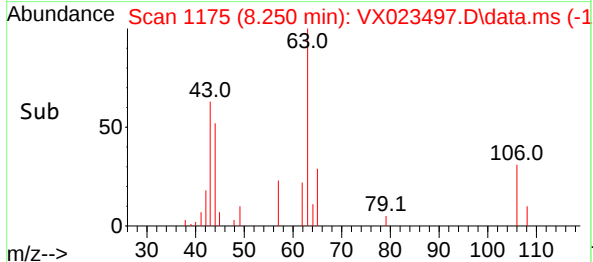
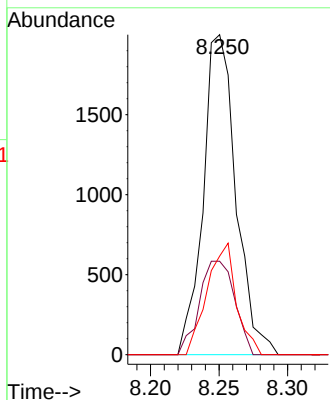
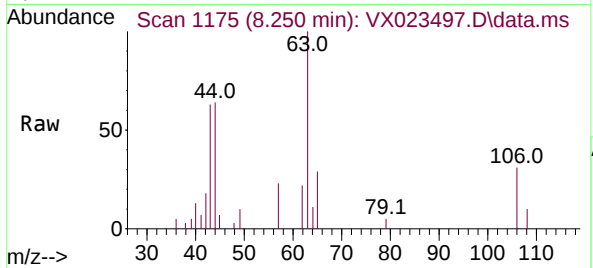




#55
2-Chloroethyl vinyl ether
Concen: 1.628 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

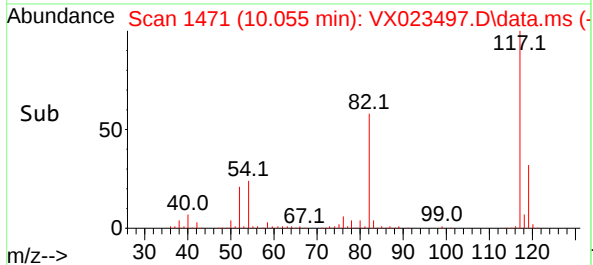
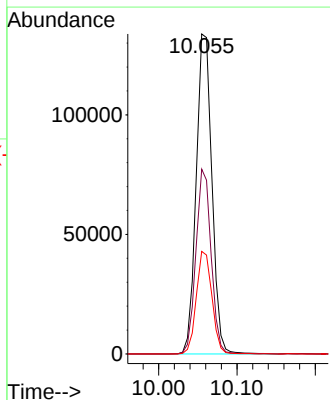
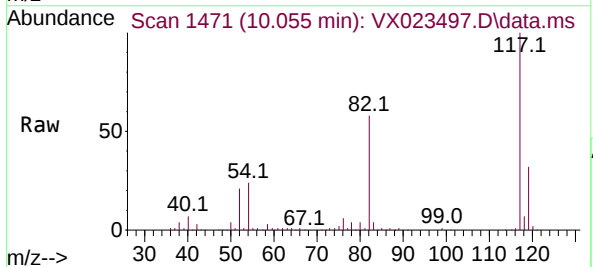
Instrument :
MSVOA_X
ClientSampled :

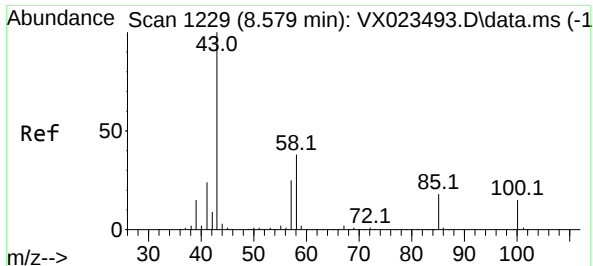
Tgt Ion: 63	Resp:	3331
Ion	Ratio	Lower Upper
63	100	
65	31.4	25.8 38.6
106	31.0	21.8 32.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 117	Resp:	187130
Ion	Ratio	Lower Upper
117	100	
82	56.0	45.0 67.4
119	31.8	26.2 39.2

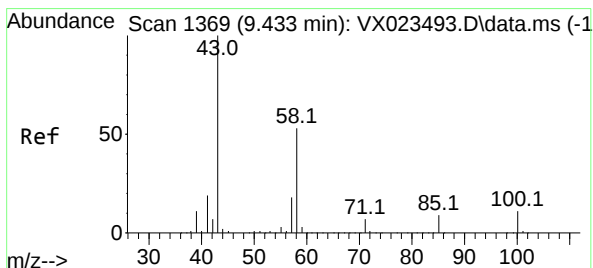
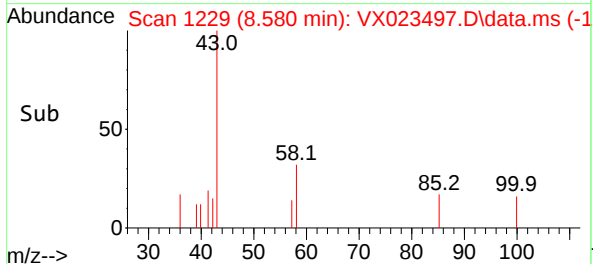
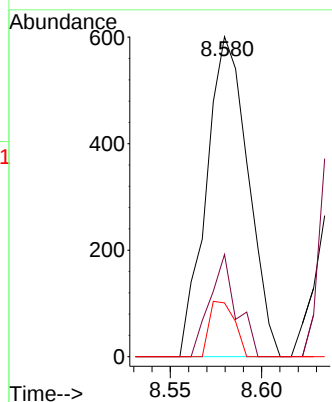
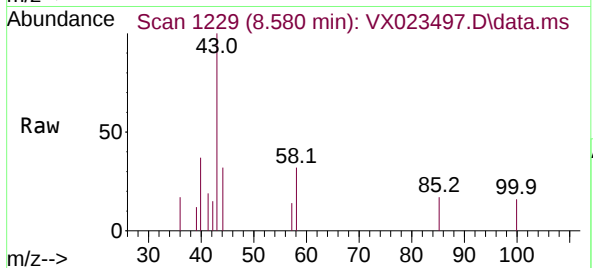




#58
4-Methyl-2-Pentanone
Concen: 0.244 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

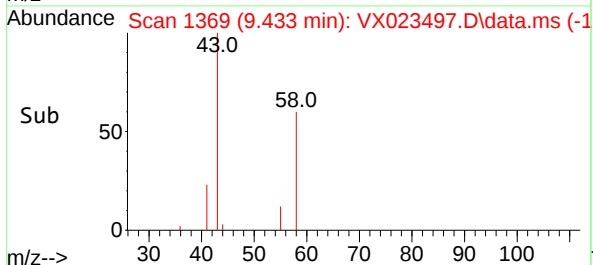
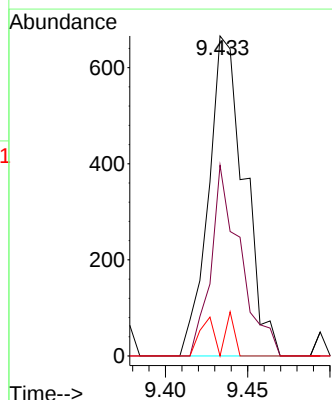
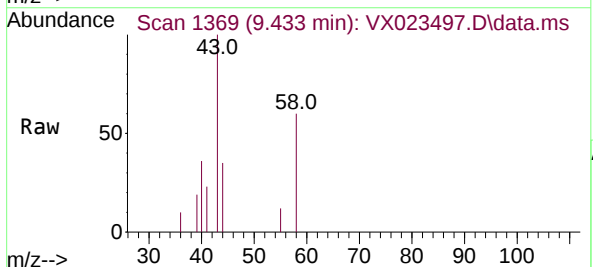
Instrument :
MSVOA_X
ClientSampled :

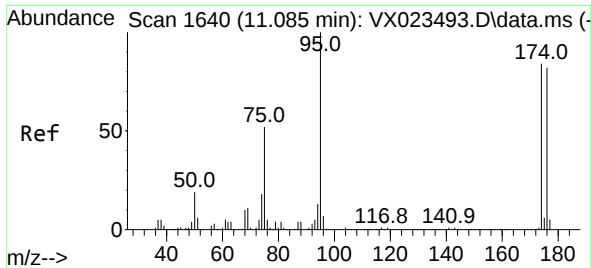
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 20.5 30.5 45.7#
85 10.4 14.0 21.0#



#59
2-Hexanone
Concen: 0.336 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 48.7 42.1 63.1
57 3.3 14.9 22.3#

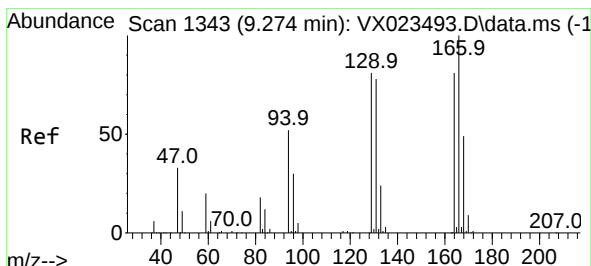
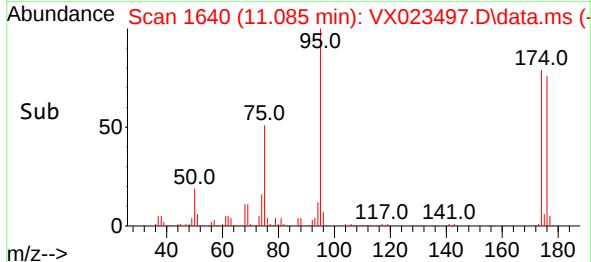
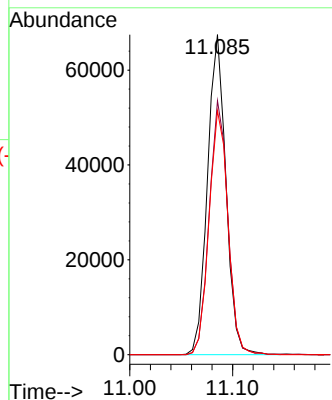
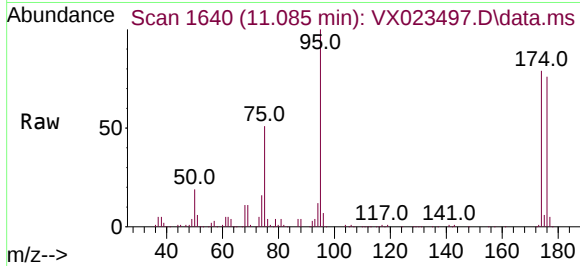




#60
4-Bromofluorobenzene
Concen: 27.842 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

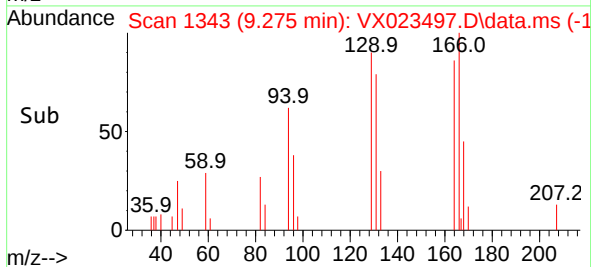
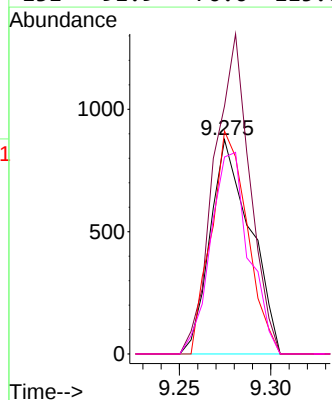
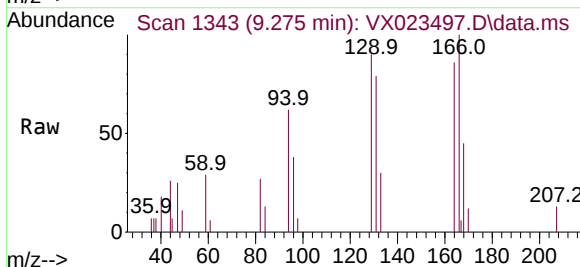
Instrument :
MSVOA_X
ClientSampleId :

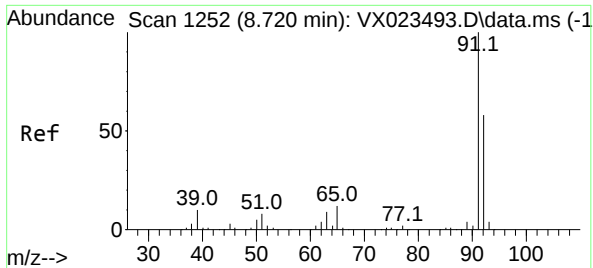
Tgt Ion:	95	Resp:	84200
Ion	Ratio	Lower	Upper
95	100		
174	80.1	63.5	95.3
176	78.3	63.0	94.4



#61
Tetrachloroethene
Concen: 0.551 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:	164	Resp:	1345
Ion	Ratio	Lower	Upper
164	100		
166	115.8	98.6	147.8
129	104.0	79.7	119.5
131	91.9	76.6	115.0

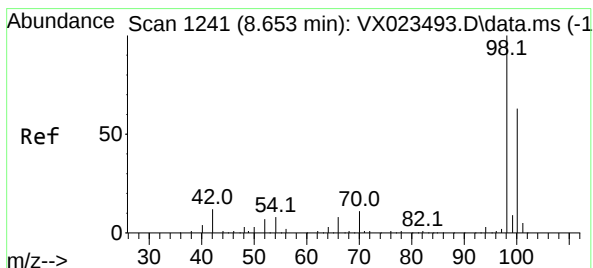
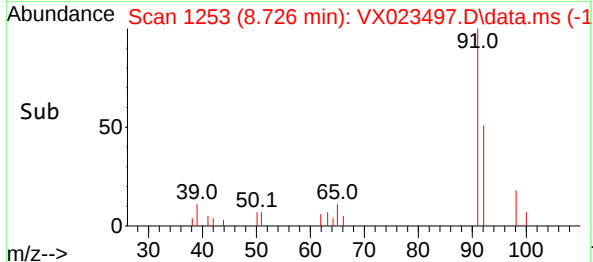
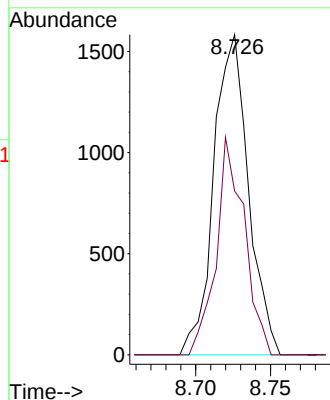
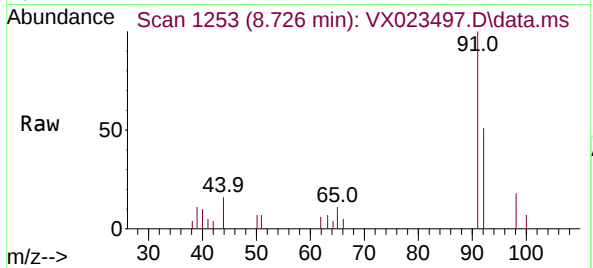




#62
Toluene
Concen: 0.246 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

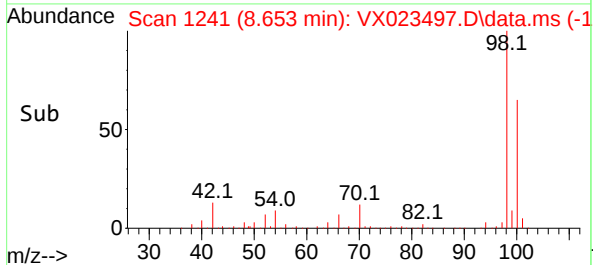
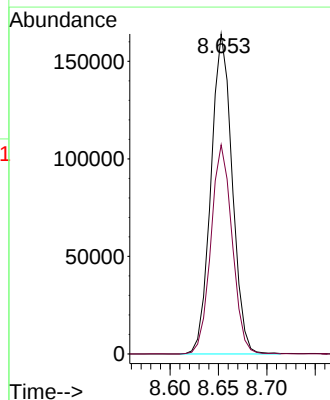
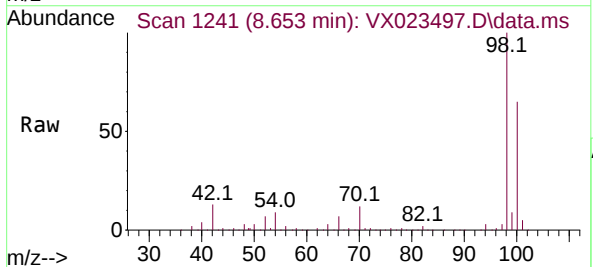
Instrument :
MSVOA_X
ClientSampled :

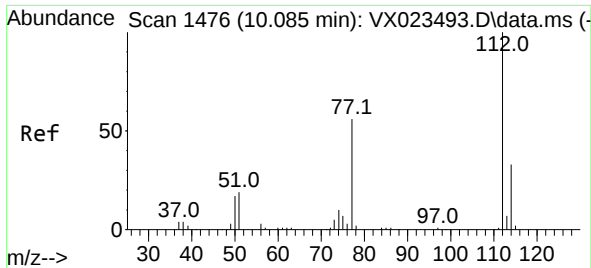
Tgt Ion: 91 Resp: 2548
Ion Ratio Lower Upper
91 100
92 55.1 46.5 69.7



#63
Toluene-d8
Concen: 29.710 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 98 Resp: 250809
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

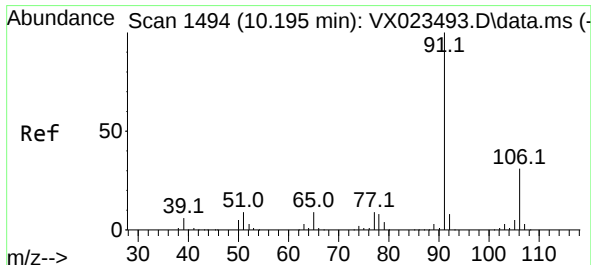
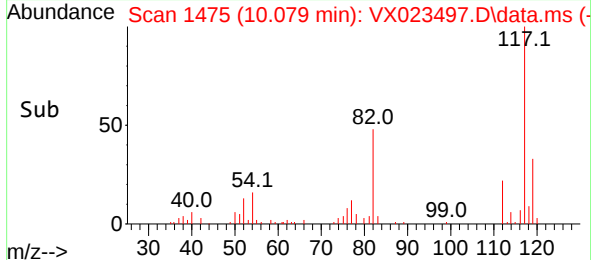
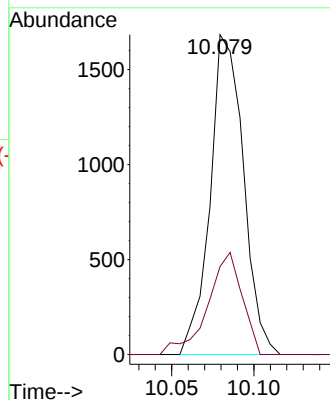
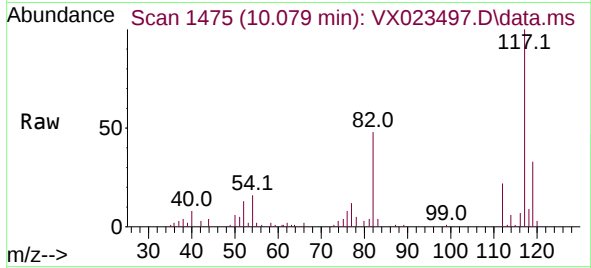




#64
Chlorobenzene
Concen: 0.368 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

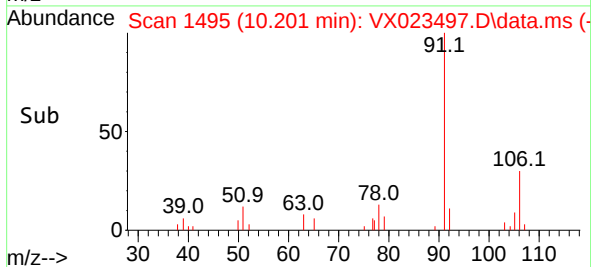
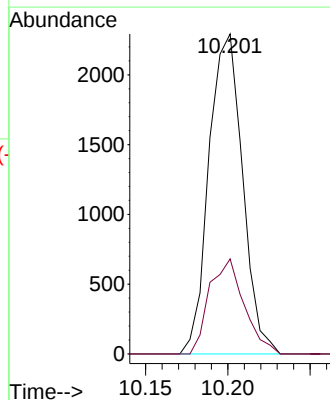
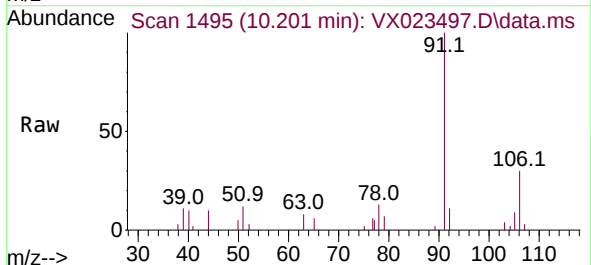
Instrument :
MSVOA_X
ClientSampled :

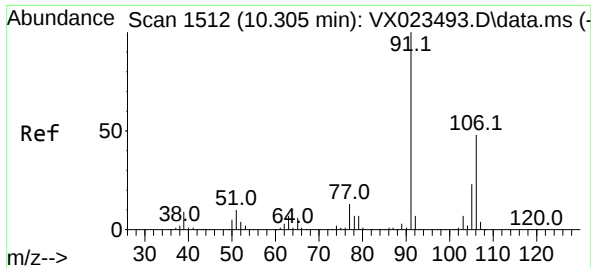
Tgt Ion:112 Resp: 2374
Ion Ratio Lower Upper
112 100
114 27.6 26.0 39.0



#66
Ethyl Benzene
Concen: 0.286 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 91 Resp: 3268
Ion Ratio Lower Upper
91 100
106 29.7 24.7 37.1

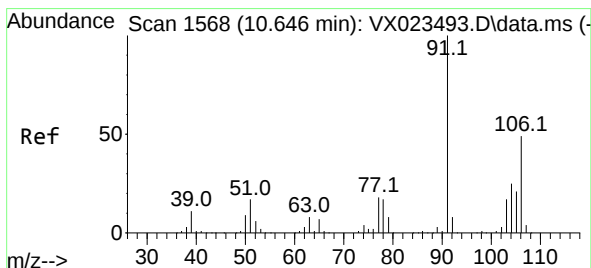
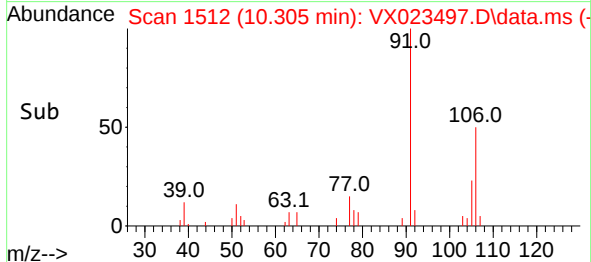
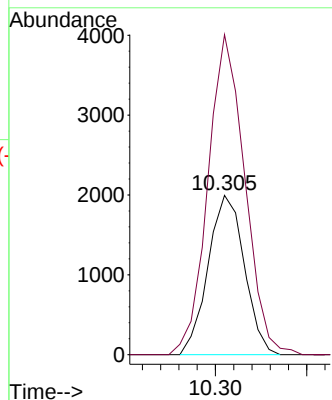
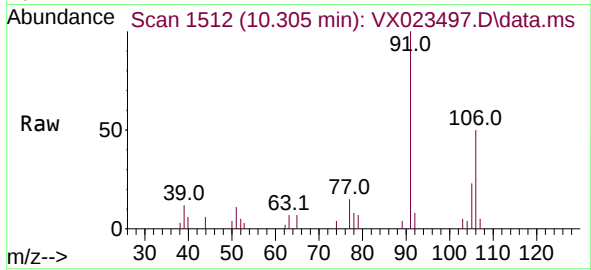




#67
m/p-Xylenes
Concen: 0.633 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

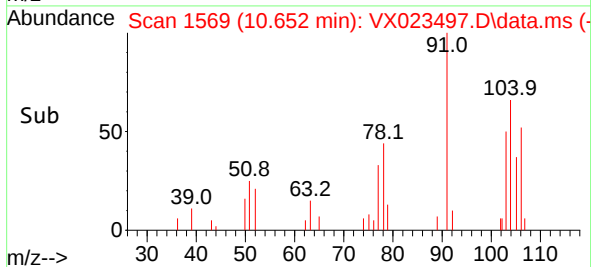
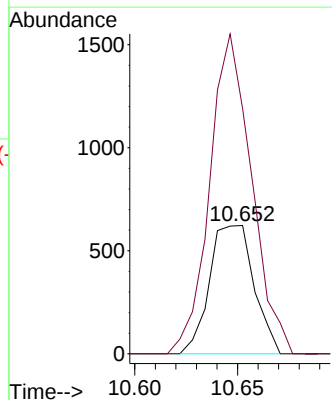
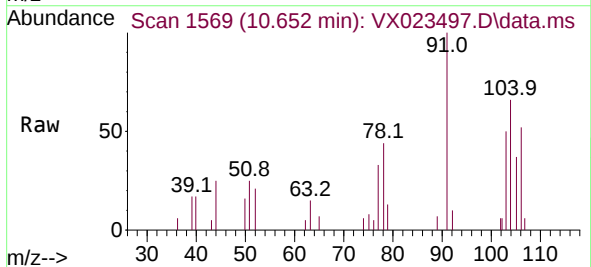
Instrument :
MSVOA_X
ClientSampleId :

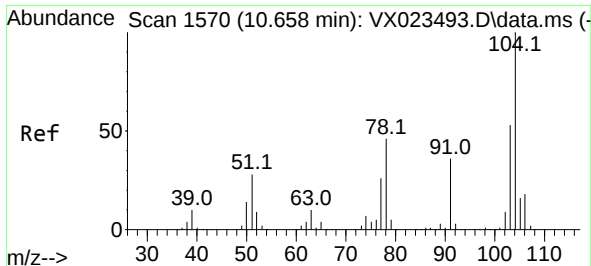
Tgt Ion:106 Resp: 2754
Ion Ratio Lower Upper
106 100
91 204.0 162.4 243.6



#68
o-Xylene
Concen: 0.217 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:106 Resp: 939
Ion Ratio Lower Upper
106 100
91 234.0 107.3 321.8

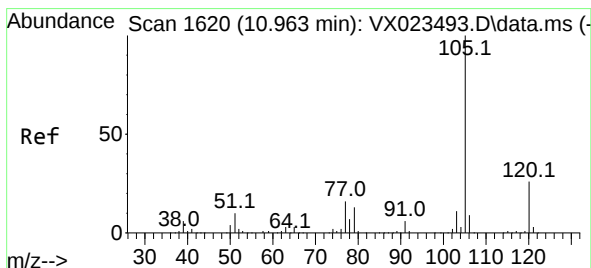
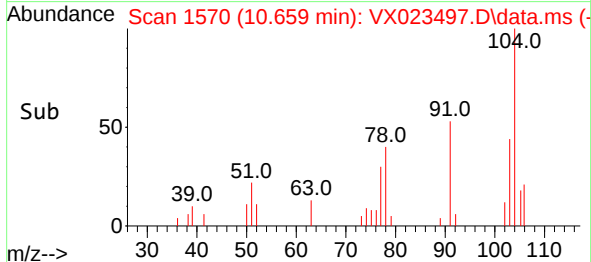
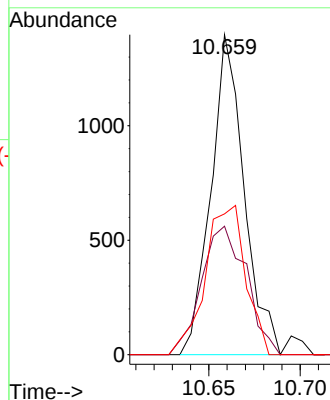
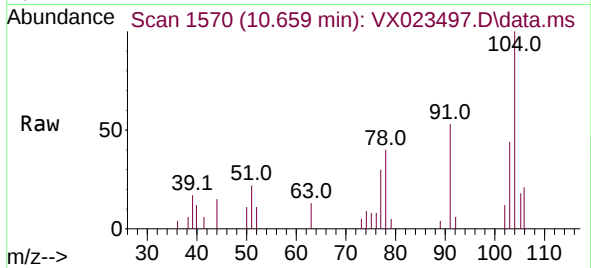




#69
Styrene
Concen: 0.253 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

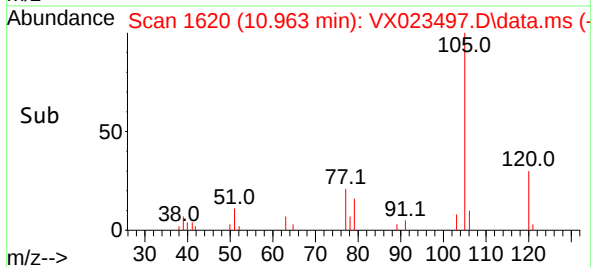
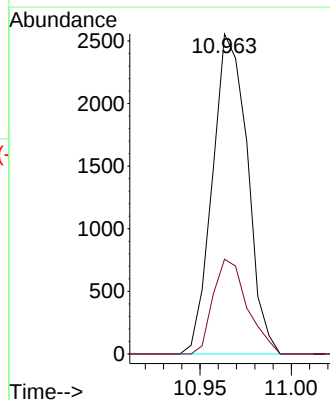
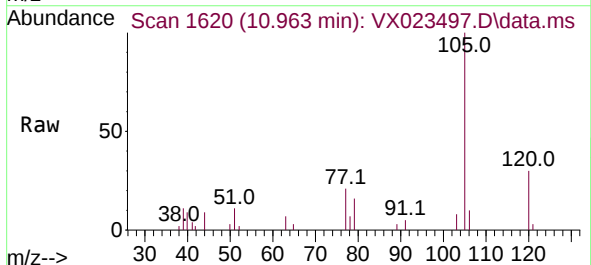
Instrument :
MSVOA_X
ClientSampled :

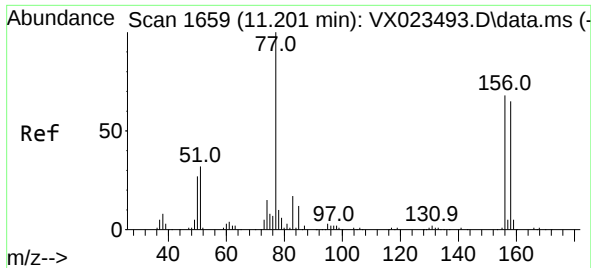
Tgt Ion:104 Resp: 1770
Ion Ratio Lower Upper
104 100
78 54.3 41.4 62.0
103 56.7 44.2 66.4



#70
Isopropylbenzene
Concen: 0.302 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:105 Resp: 3397
Ion Ratio Lower Upper
105 100
120 29.0 18.7 34.7

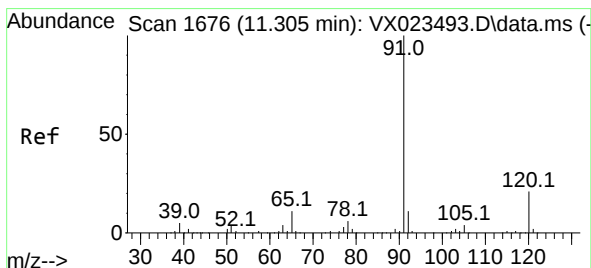
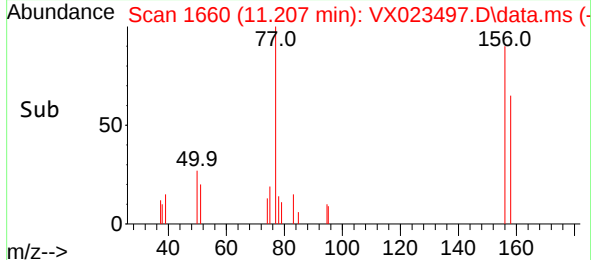
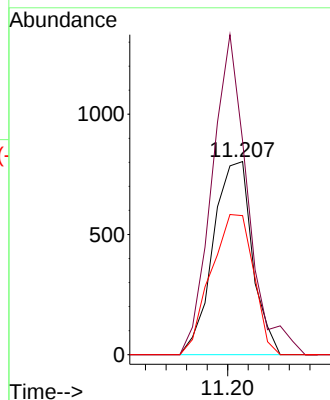
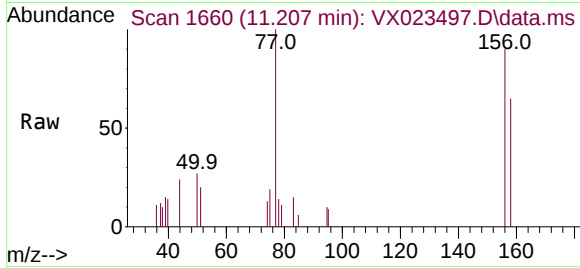




#73
Bromobenzene
Concen: 0.381 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

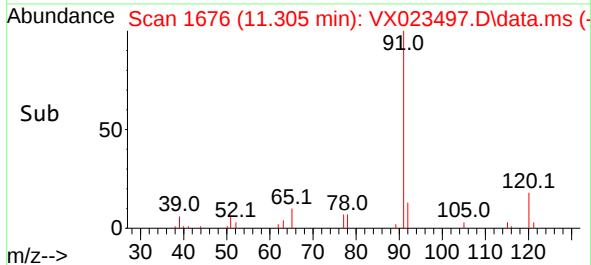
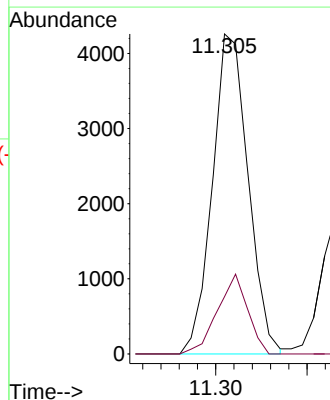
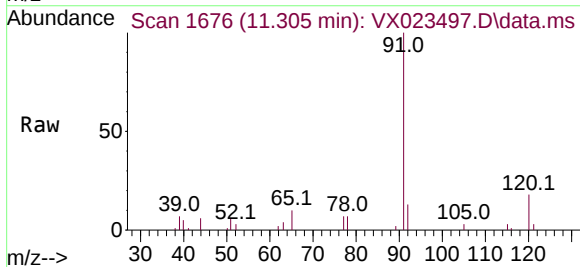
Instrument :
MSVOA_X
ClientSampled :

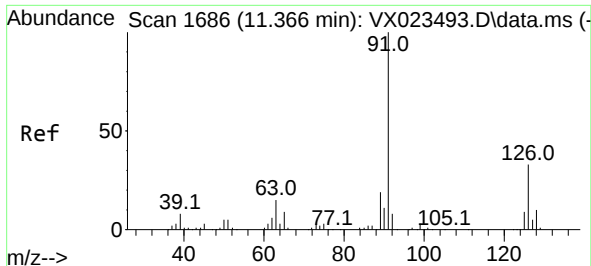
Tgt Ion:156 Resp: 1063
Ion Ratio Lower Upper
156 100
77 150.8 0.0 303.2
158 79.0 0.0 197.2



#74
n-propylbenzene
Concen: 0.446 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 91 Resp: 5794
Ion Ratio Lower Upper
91 100
120 21.1 0.0 46.0

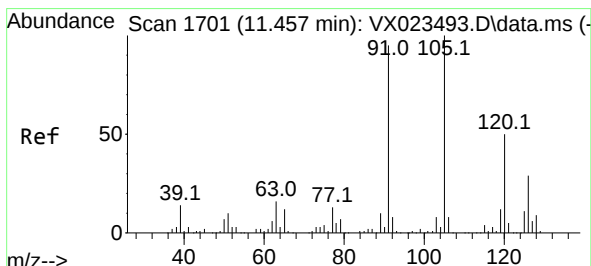
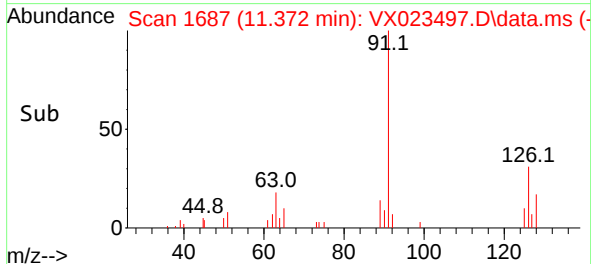
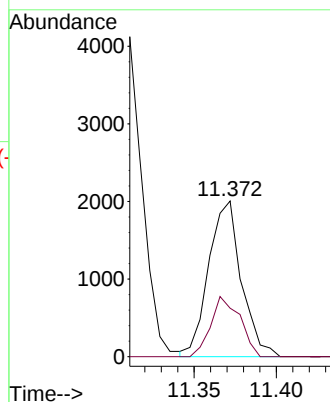
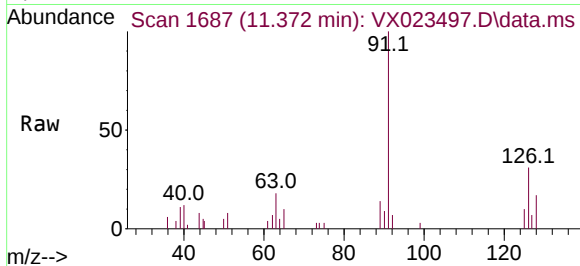




#75
2-Chlorotoluene
Concen: 0.356 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

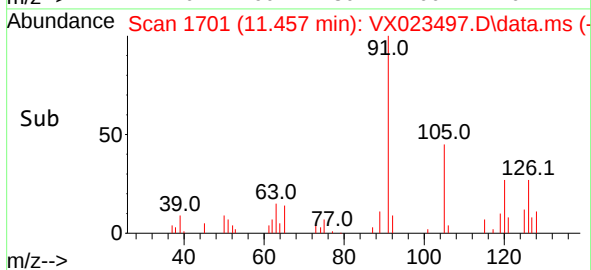
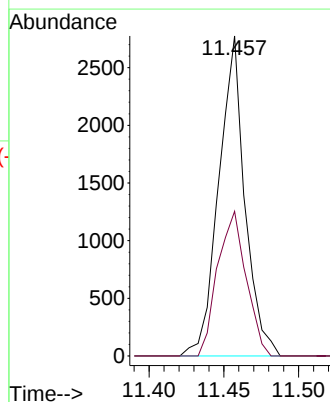
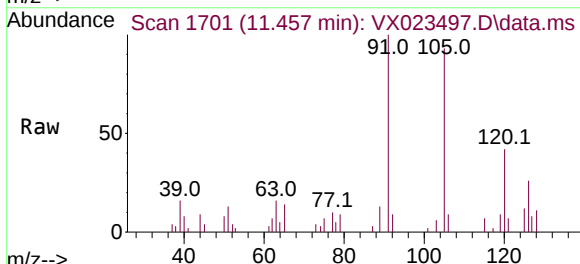
Instrument :
MSVOA_X
ClientSampled :

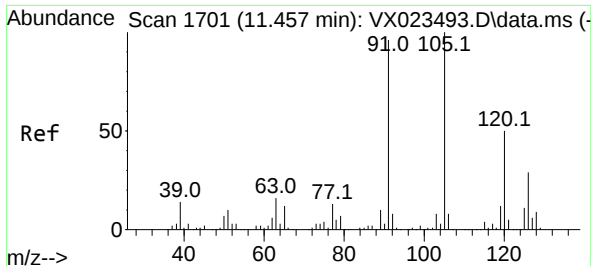
Tgt Ion: 91 Resp: 2775
Ion Ratio Lower Upper
91 100
126 34.4 0.0 69.0



#76
1,3,5-Trimethylbenzene
Concen: 0.360 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 105 Resp: 3371
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0

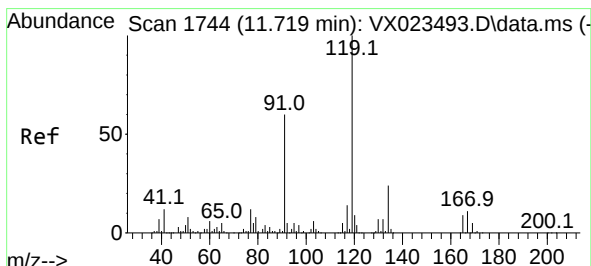
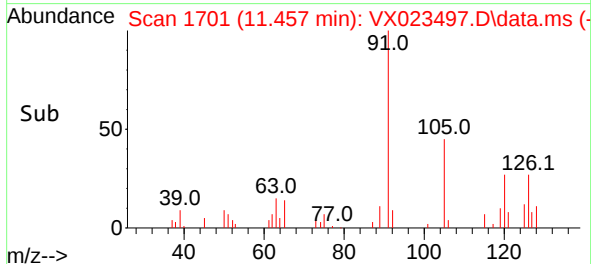
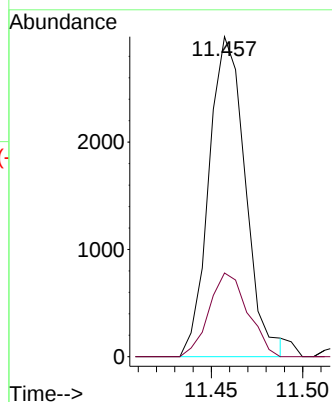
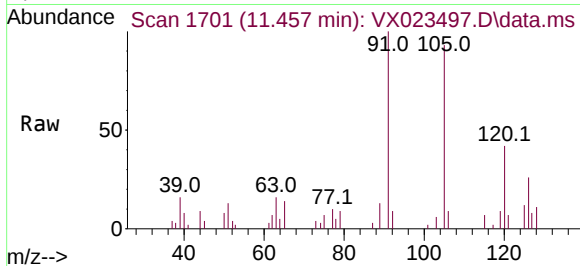




#78
4-Chlorotoluene
Concen: 0.473 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

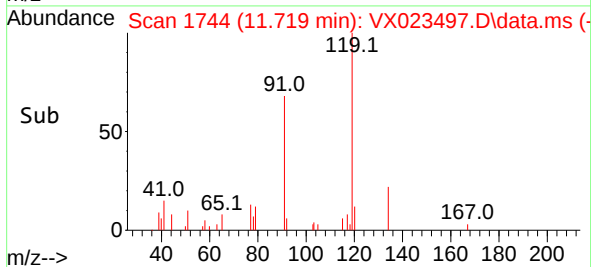
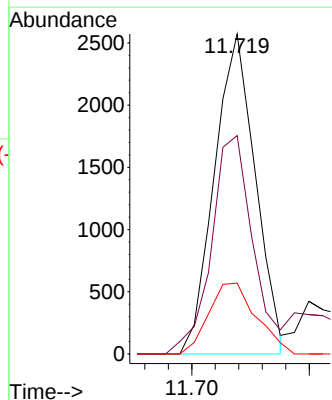
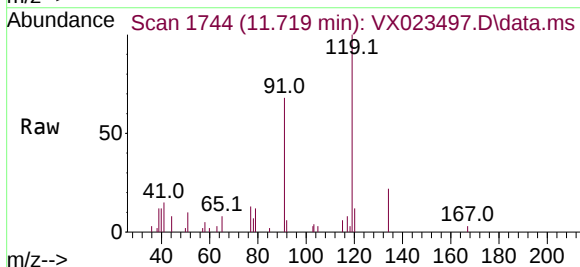
Instrument :
MSVOA_X
ClientSampled :

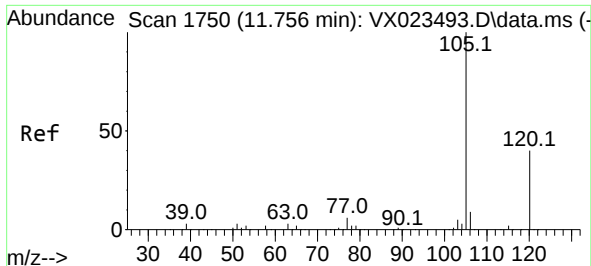
Tgt Ion: 91 Resp: 4132
Ion Ratio Lower Upper
91 100
126 27.7 0.0 59.6



#79
tert-butylbenzene
Concen: 0.342 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 119 Resp: 3121
Ion Ratio Lower Upper
119 100
91 68.9 0.0 121.2
134 25.7 0.0 47.4

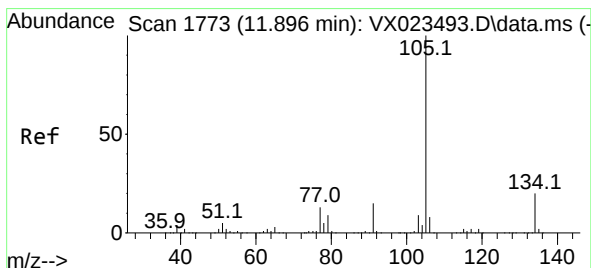
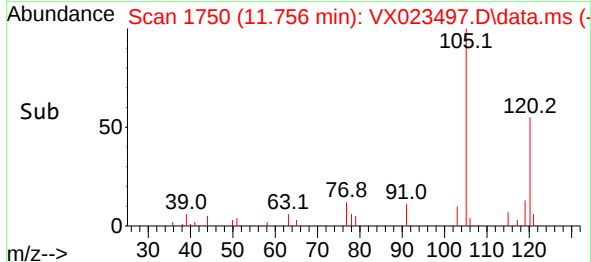
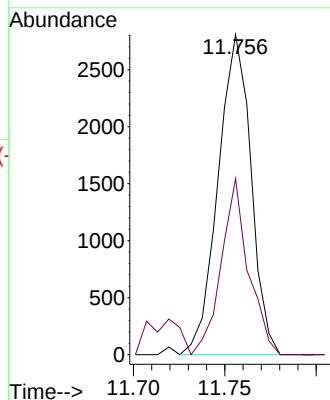
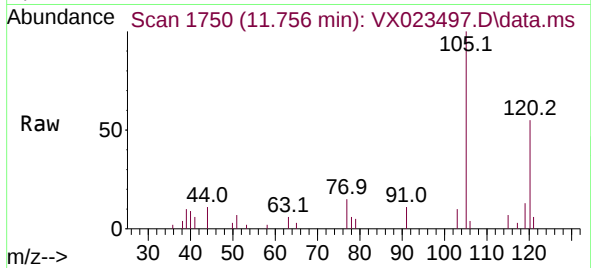




#80
1,2,4-Trimethylbenzene
Concen: 0.381 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

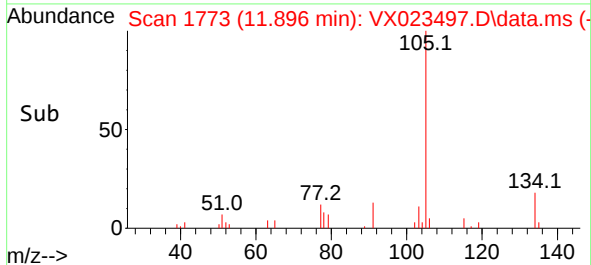
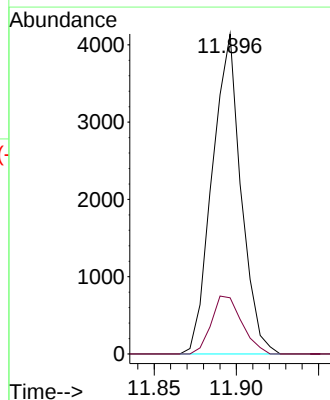
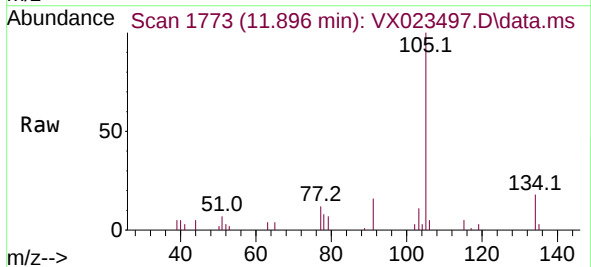
Instrument :
MSVOA_X
ClientSampled :

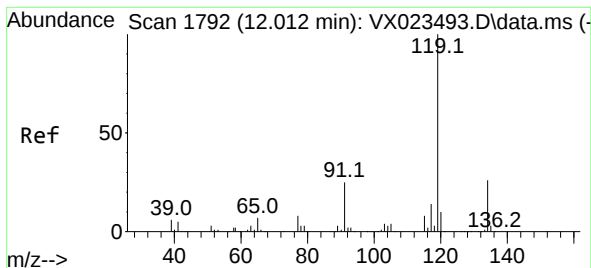
Tgt Ion:105 Resp: 3513
Ion Ratio Lower Upper
105 100
120 45.7 0.0 90.4



#81
sec-Butylbenzene
Concen: 0.433 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:105 Resp: 5048
Ion Ratio Lower Upper
105 100
134 19.2 0.0 40.2

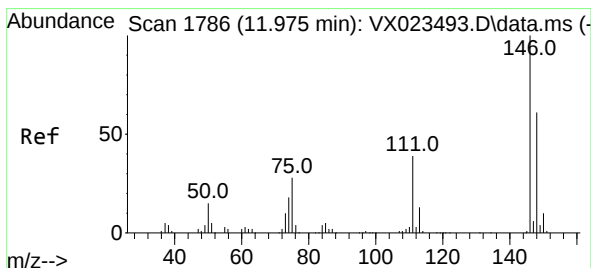
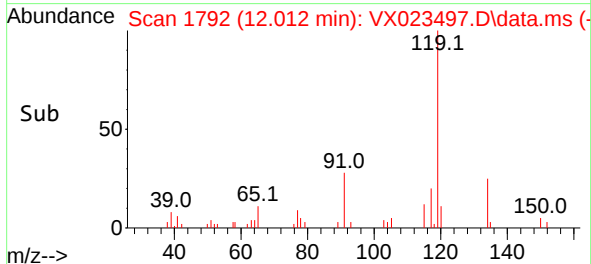
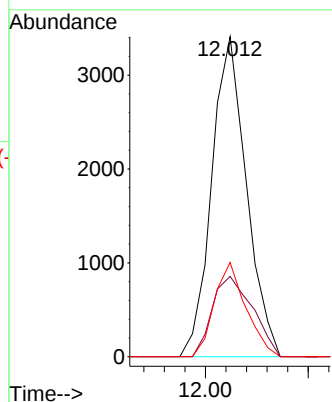
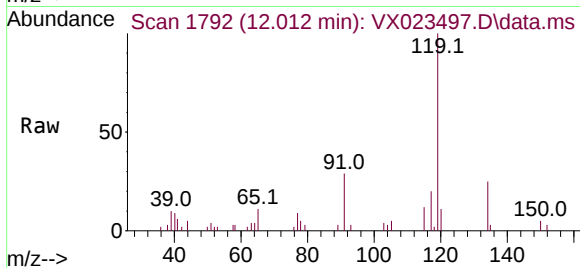




#82
p-Isopropyltoluene
Concen: 0.416 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

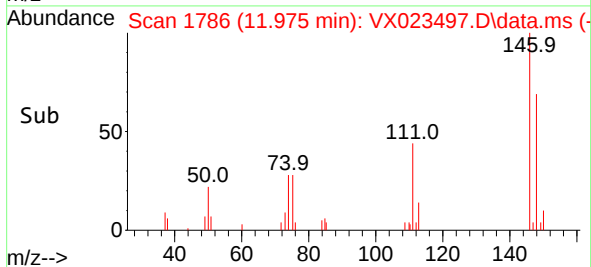
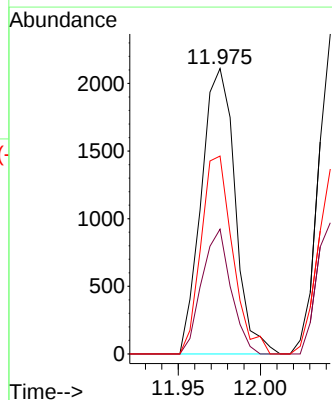
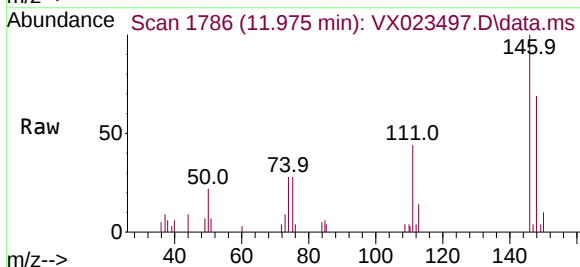
Instrument :
MSVOA_X
ClientSampled :

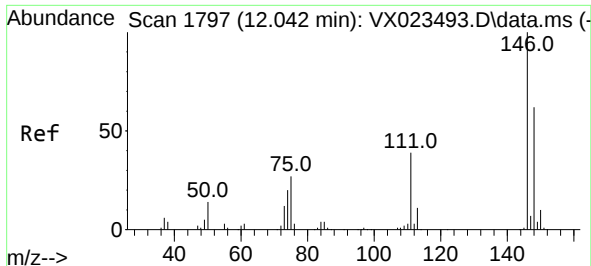
Tgt Ion:	119	Resp:	4000
Ion	Ratio	Lower	Upper
119	100		
134	29.1	0.0	52.8
91	26.9	0.0	48.6



#83
1,3-Dichlorobenzene
Concen: 0.609 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:	146	Resp:	3013
Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	64.9	31.9	95.5

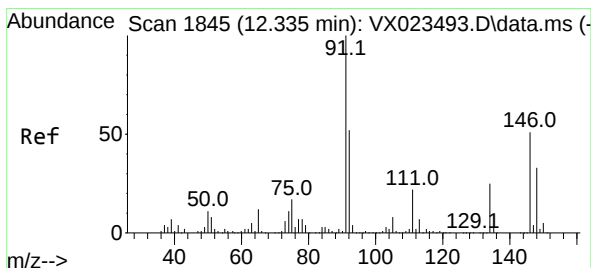
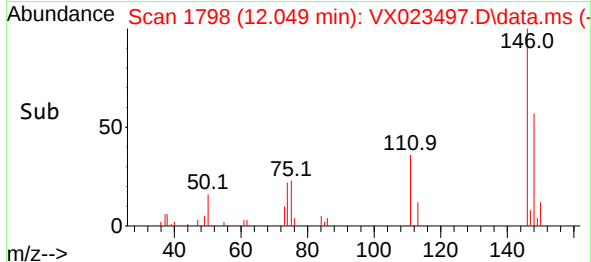
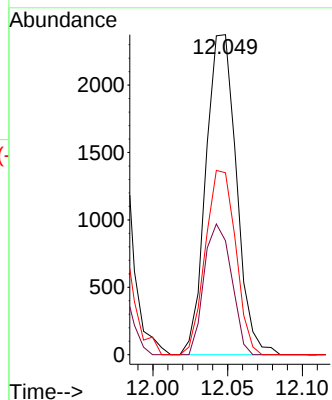
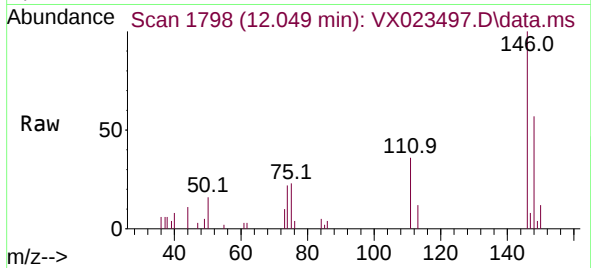




#84
1,4-Dichlorobenzene
Concen: 0.688 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.007 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

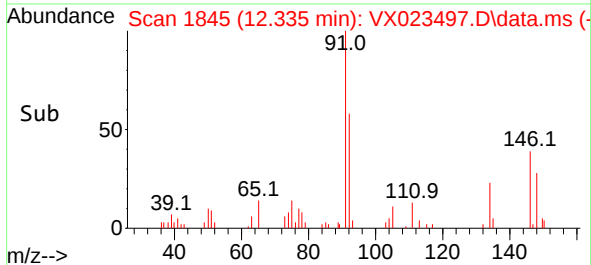
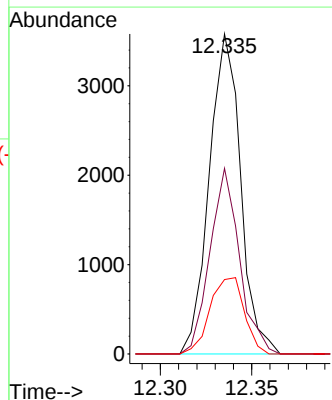
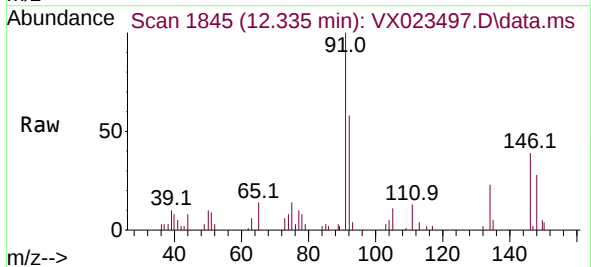
Instrument :
MSVOA_X
ClientSampled :

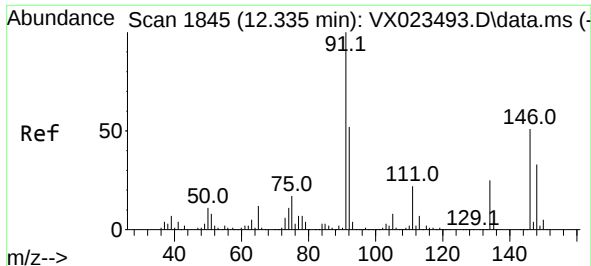
Tgt Ion:146 Resp: 3380
Ion Ratio Lower Upper
146 100
111 36.4 18.9 56.9
148 57.0 31.4 94.2



#85
n-Butylbenzene
Concen: 0.502 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion: 91 Resp: 4271
Ion Ratio Lower Upper
91 100
92 54.7 0.0 105.4
134 26.2 0.0 52.4

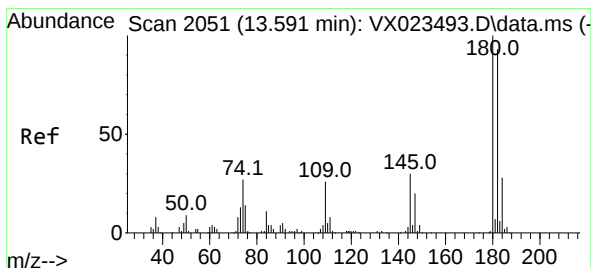
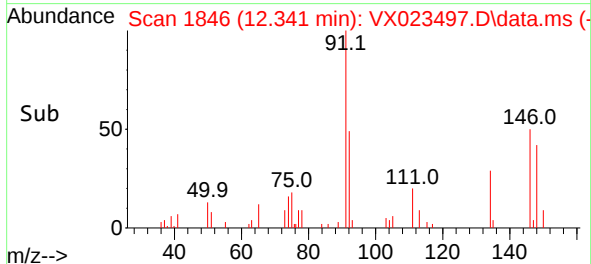
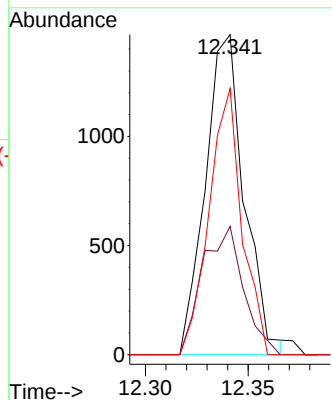
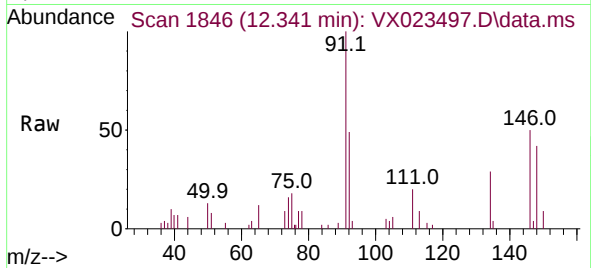




#87
1,2-Dichlorobenzene
Concen: 0.405 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

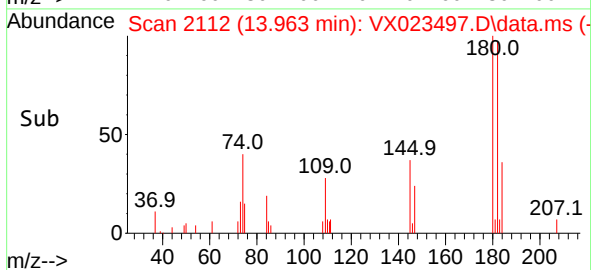
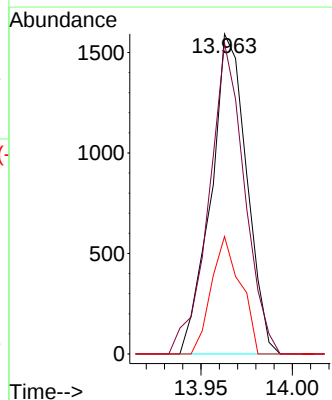
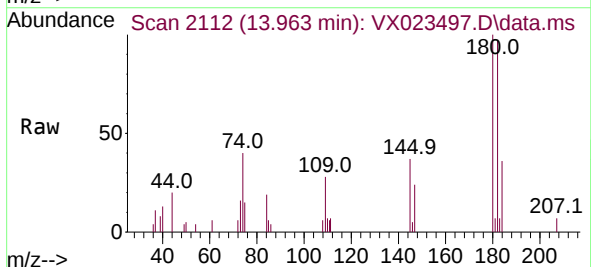
Instrument :
MSVOA_X
ClientSampled :

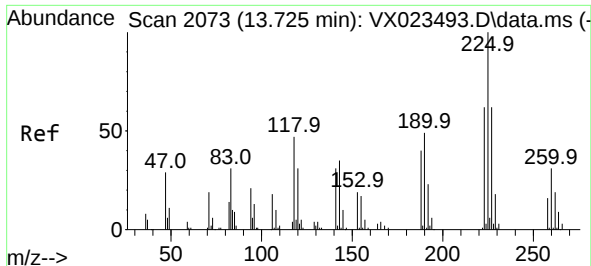
Tgt Ion:146 Resp: 1930
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 70.2 32.6 97.8



#89
1,2,4-Trichlorobenzene
Concen: 0.733 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.372 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

Tgt Ion:180 Resp: 2167
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 30.0 24.2 36.4

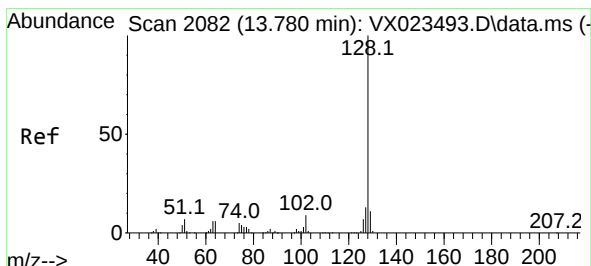
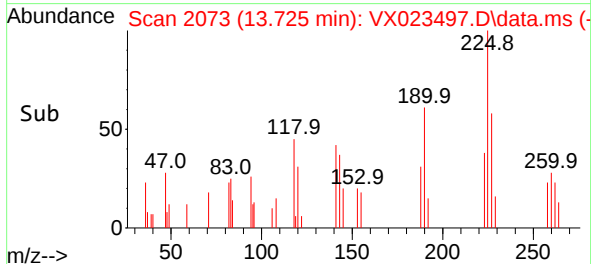
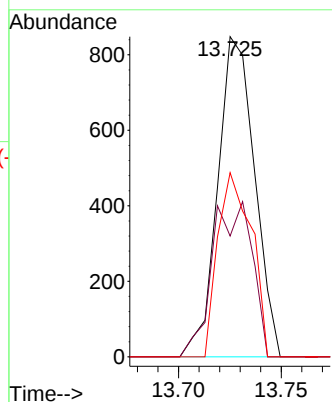
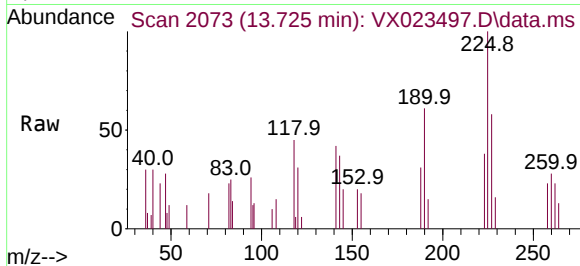




#90
Hexachlorobutadiene
Concen: 0.805 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

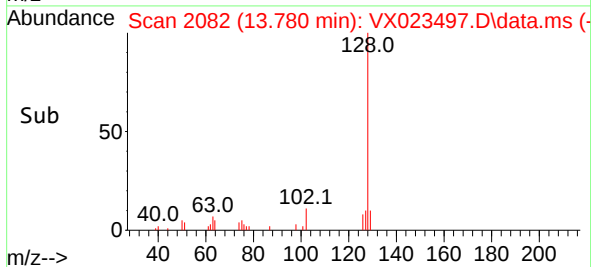
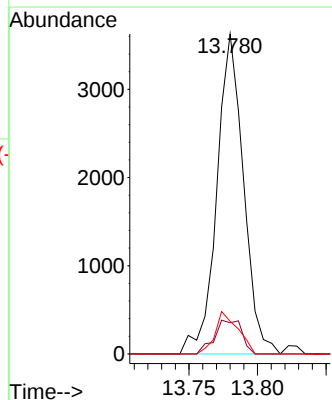
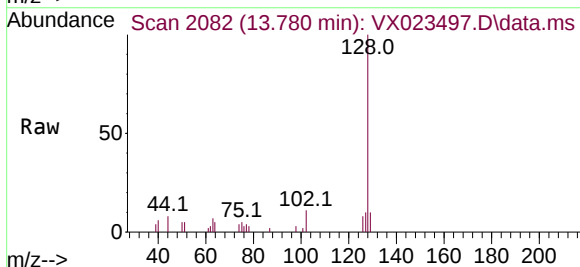
Instrument :
MSVOA_X
ClientSampled :

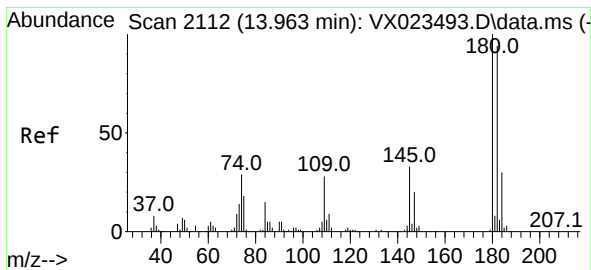
Tgt Ion	Ratio	Lower	Upper
225	100		
223	52.2	0.0	126.4
227	52.3	0.0	125.0



#91
Naphthalene
Concen: 0.478 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023497.D
Acq: 28 Jul 2021 16:58

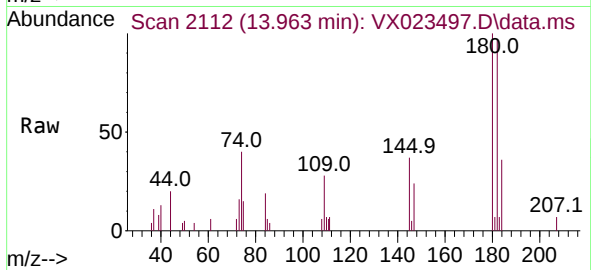
Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.1	15.1
129	11.2	8.6	12.8





#92
 1,2,3-Trichlorobenzene
 Concen: 0.724 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX023497.D
 Acq: 28 Jul 2021 16:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	2167
Ion Ratio	Lower	Upper	
180	100		
182	96.7	0.0	193.4
145	30.0	0.0	64.4

