

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022322.D
 Acq On : 24 Sep 2021 17:27
 Operator : SY/MD
 Sample : M3878-15MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:32:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27917	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.564	69	34749	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.108	63	67733	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.876	46	112323	42.371	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.740%
24) Chloroform-d	4.346	84	87285	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.030	65	39352	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	167779	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	53019	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	144936	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	14359	4.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.085	63	90094	43.378	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39603	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55369	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54242	5.411	ug/L	98
3) Chloromethane	1.240	50	53287	5.320	ug/L	100
5) Vinyl chloride	1.307	62	52326	5.431	ug/L	99
6) Bromomethane	1.519	94	32997	5.342	ug/L	97
8) Chloroethane	1.580	64	32476	5.352	ug/L	100
9) Trichlorofluoromethane	1.751	101	72982	5.476	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	43156	5.434	ug/L	99
12) 1,1-Dichloroethene	2.114	96	39715	5.489	ug/L	85
13) Acetone	2.166	43	59954	39.889	ug/L	97
14) Carbon disulfide	2.291	76	130562	5.307	ug/L	100
15) Methyl Acetate	2.433	43	16495	4.946	ug/L	97
16) Methylene chloride	2.503	84	47718	3.790	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	90347	4.695	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	46819	5.417	ug/L	97
19) 1,1-Dichloroethane	3.185	63	82892	5.436	ug/L	98
21) 2-Butanone	3.963	43	98495	43.317	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	47076	5.480	ug/L	98
23) Bromochloromethane	4.246	128	21315	5.256	ug/L	95
25) Chloroform	4.371	83	82193	5.275	ug/L	99

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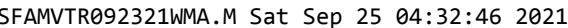
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 ClientSampleId :

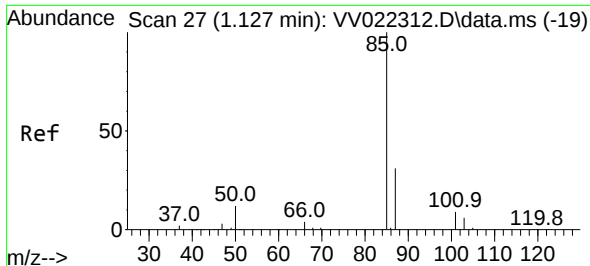
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43716	4.805	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	71577	5.518	ug/L	97
30) Cyclohexane	4.674	56	69809	5.390	ug/L	100
31) Carbon tetrachloride	4.821	117	60810	5.519	ug/L	97
33) Benzene	5.095	78	186255	5.686	ug/L	100
34) Trichloroethene	5.911	95	46789	5.620	ug/L	95
35) Methylcyclohexane	6.127	83	74807	5.627	ug/L	99
37) 1,2-Dichloropropane	6.172	63	45475	5.498	ug/L	100
38) Bromodichloromethane	6.510	83	51520	5.170	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	57459	5.253	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	244462	45.863	ug/L	100
42) Toluene	7.387	91	194463	5.603	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47494	5.080	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	31285	5.003	ug/L	96
47) Tetrachloroethene	7.976	164	38517	5.455	ug/L	96
48) 2-Hexanone	8.136	43	173206	46.244	ug/L	99
49) Dibromochloromethane	8.246	129	34807	5.175	ug/L	96
50) 1,2-Dibromoethane	8.352	107	28663	4.930	ug/L #	93
51) Chlorobenzene	8.882	112	122956	5.394	ug/L	97
52) Ethylbenzene	9.011	91	197896	5.481	ug/L	99
53) m,p-xylene	9.140	106	76912	5.516	ug/L	97
54) o-xylene	9.545	106	73860	5.436	ug/L	92
55) Styrene	9.561	104	127215	5.643	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36661	4.721	ug/L	96
59) Bromoform	9.731	173	18377	4.902	ug/L	93
60) Isopropylbenzene	9.931	105	197438	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25077	4.303	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	160425	5.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165343	5.425	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98526	5.346	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	98105	5.253	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	89513	5.096	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	4916	4.243	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	74519	5.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	55259	4.962	ug/L	97
71) Naphthalene	13.503	128	82823	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52022	4.999	ug/L	96

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

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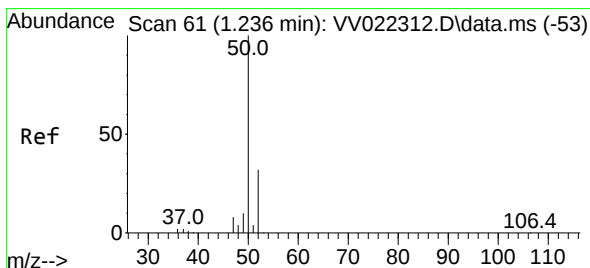
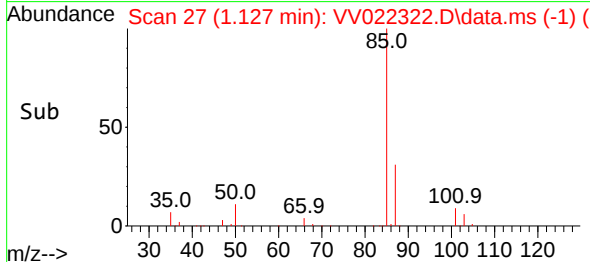
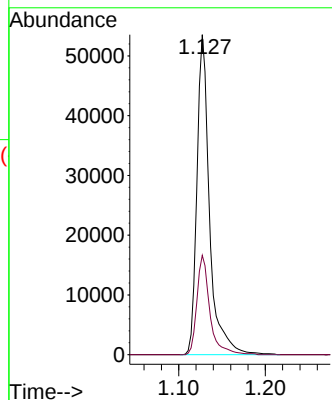
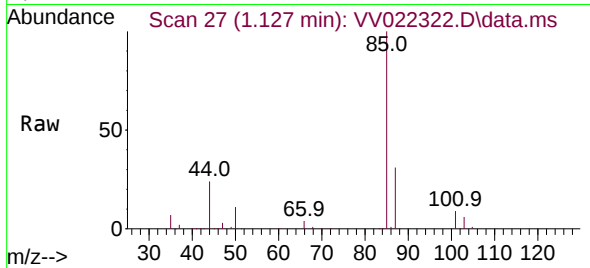




#2
 Dichlorodifluoromethane
 Concen: 5.411 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

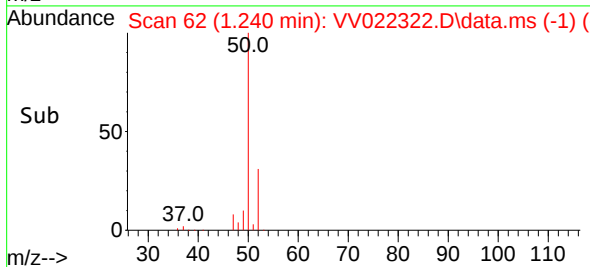
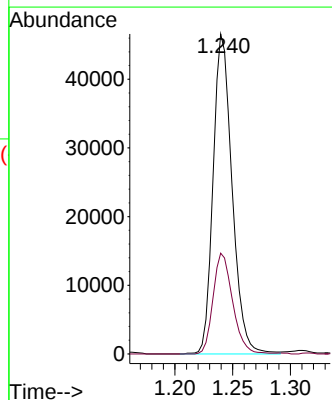
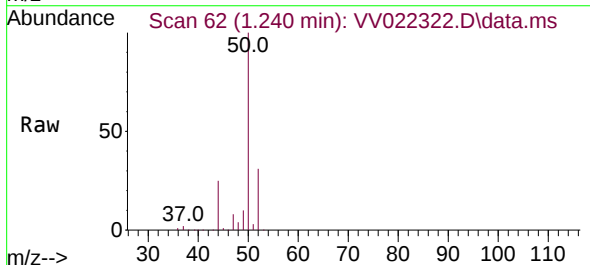
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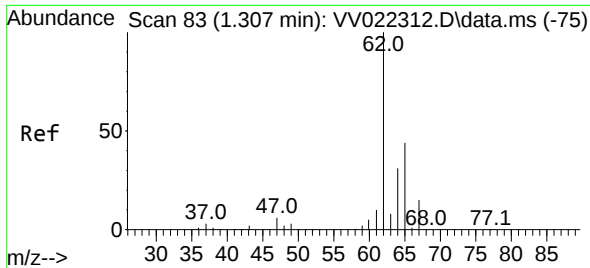
Tgt Ion: 85 Resp: 54242
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.4 39.6



#3
 Chloromethane
 Concen: 5.320 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

Tgt Ion: 50 Resp: 53287
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.2 41.2

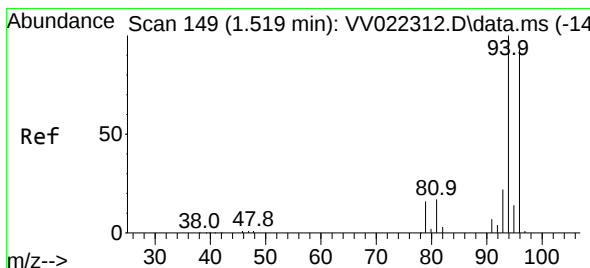
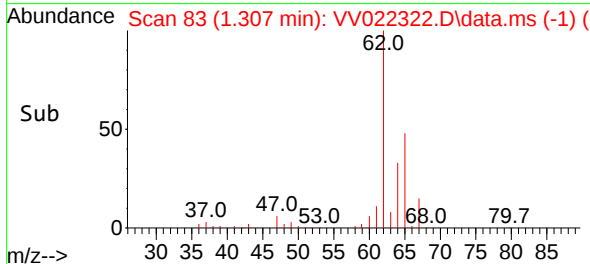
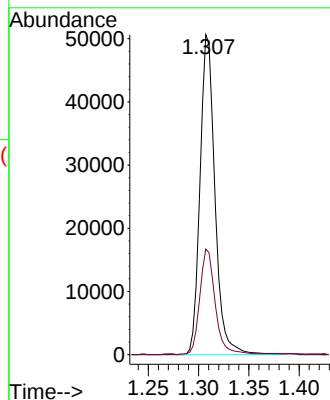
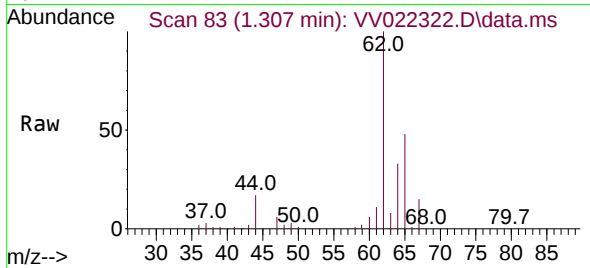




#5
 Vinyl chloride
 Concen: 5.431 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

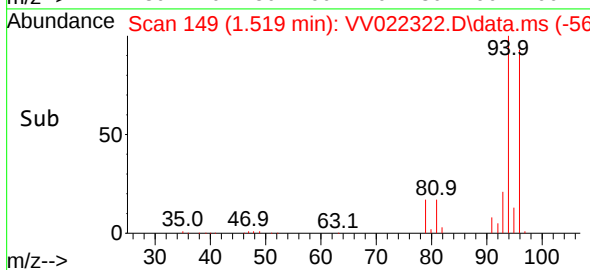
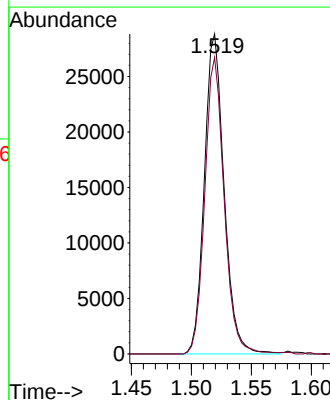
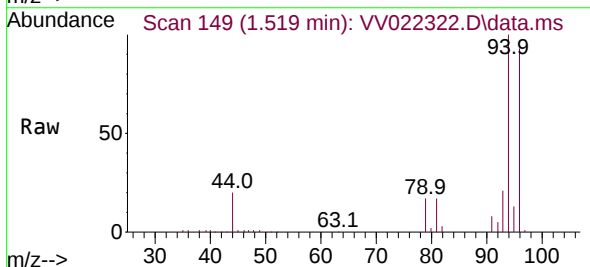
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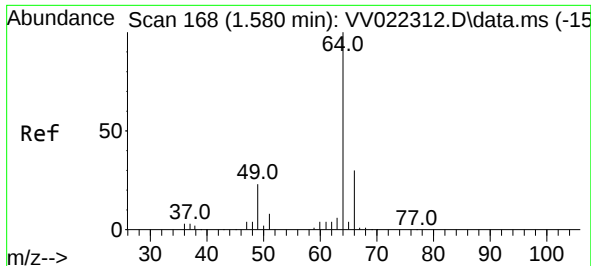
Tgt Ion: 62 Resp: 52326
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 5.342 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

Tgt Ion: 94 Resp: 32997
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.6 123.8

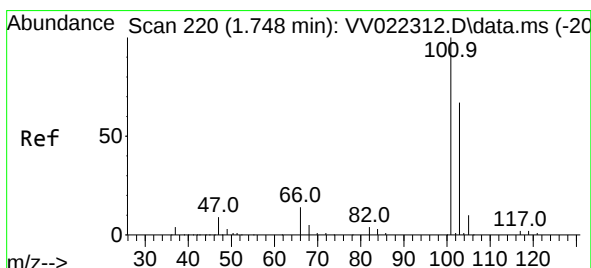
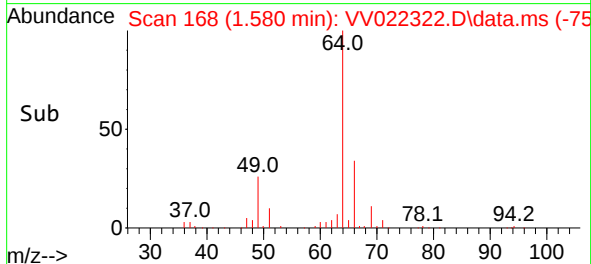
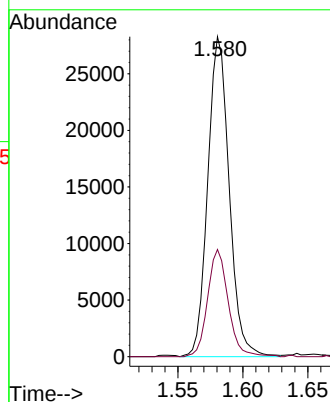
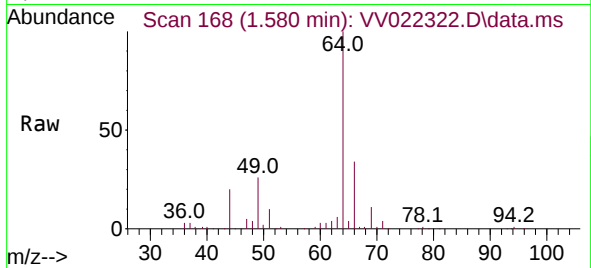




#8
Chloroethane
Concen: 5.352 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

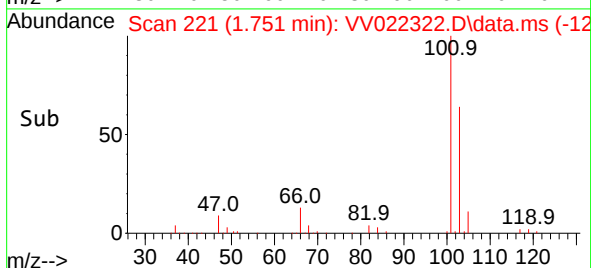
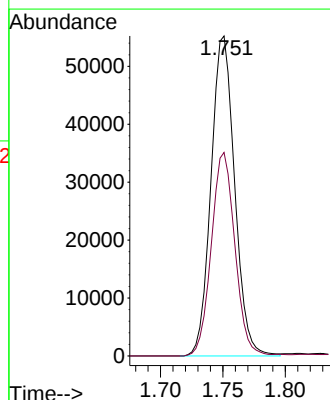
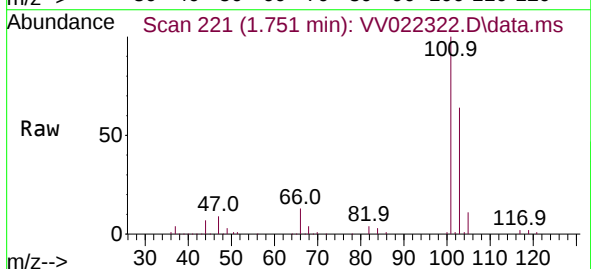
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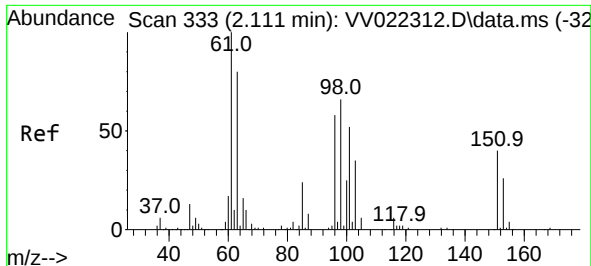
Tgt Ion: 64 Resp: 32476
Ion Ratio Lower Upper
64 100
66 33.5 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.476 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:101 Resp: 72982
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9

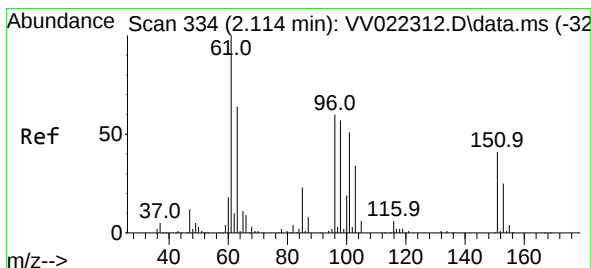
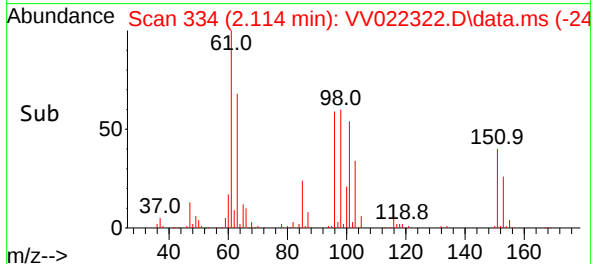
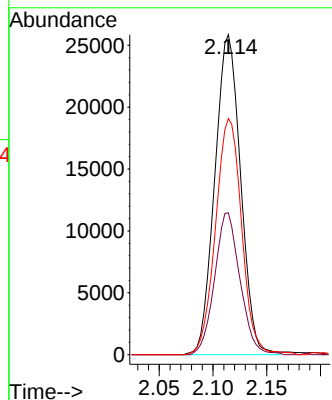
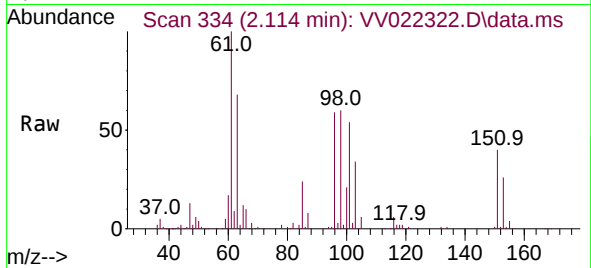




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.434 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

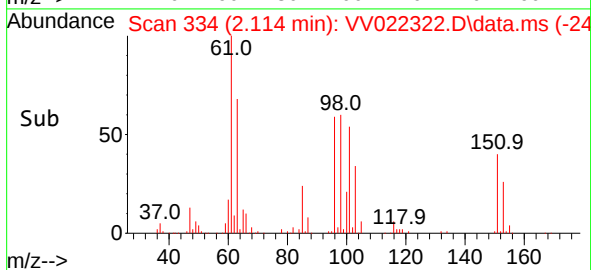
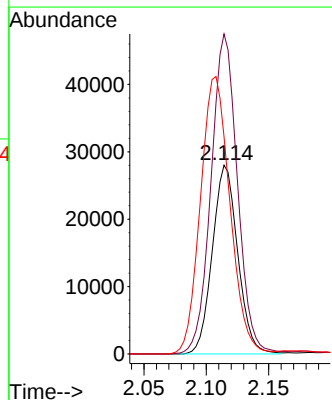
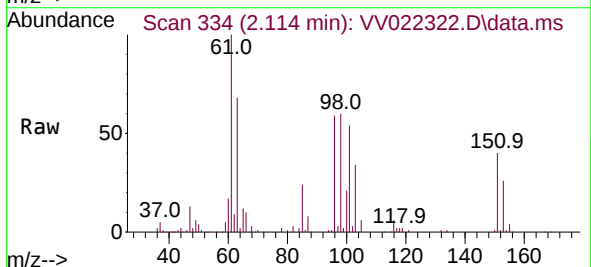
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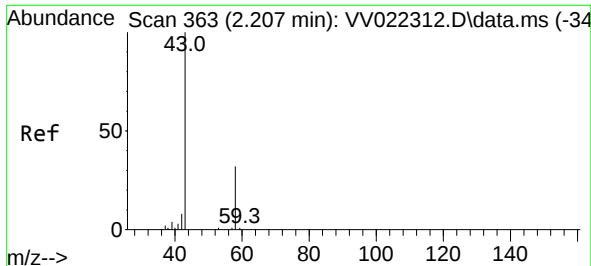
Tgt Ion:101 Resp: 43156
Ion Ratio Lower Upper
101 100
85 43.7 35.2 52.8
151 74.8 58.8 88.2



#12
1,1-Dichloroethene
Concen: 5.489 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 96 Resp: 39715
Ion Ratio Lower Upper
96 100
61 169.5 127.4 236.6
63 115.0 100.0 185.6

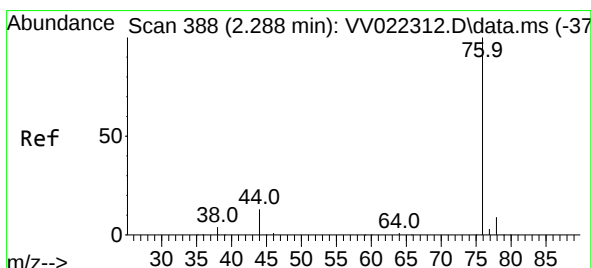
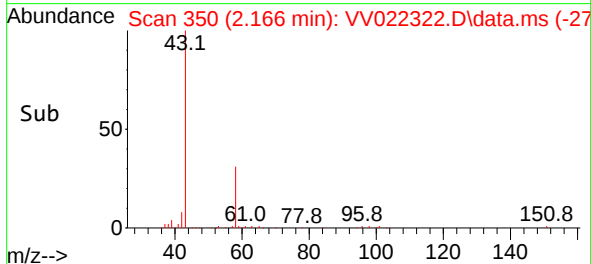
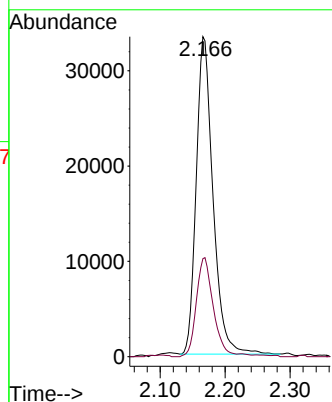
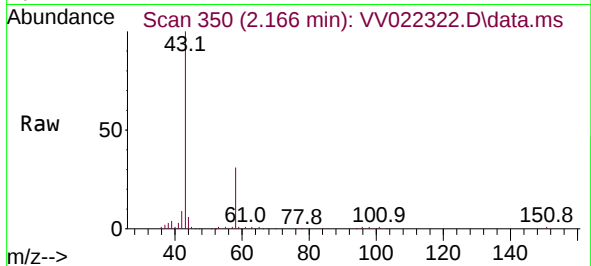




#13
Acetone
Concen: 39.889 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.042 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

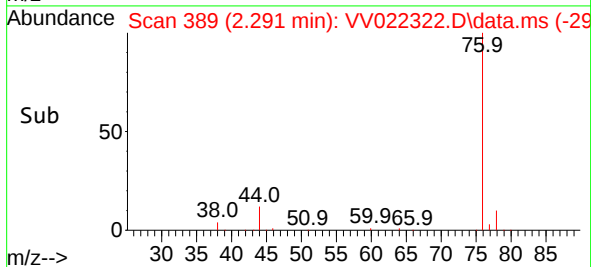
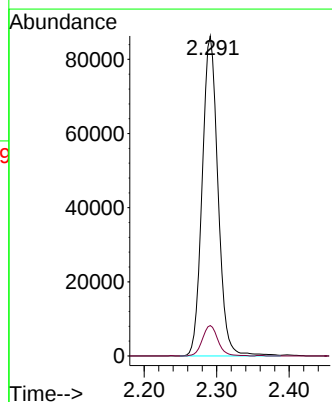
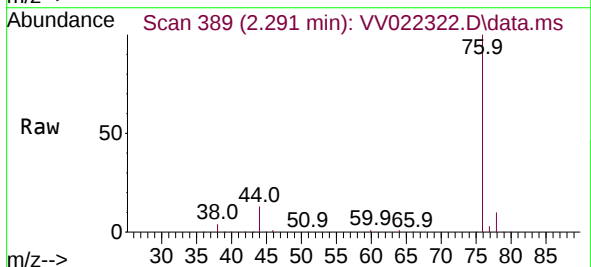
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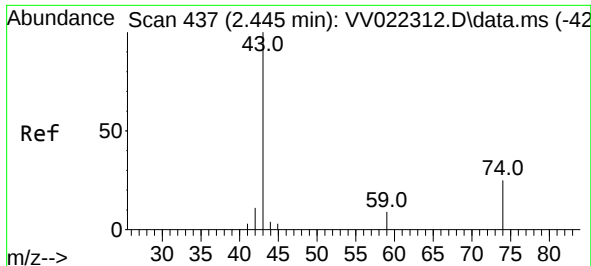
Tgt Ion: 43 Resp: 59954
Ion Ratio Lower Upper
43 100
58 31.4 0.0 66.2



#14
Carbon disulfide
Concen: 5.307 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 76 Resp: 130562
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

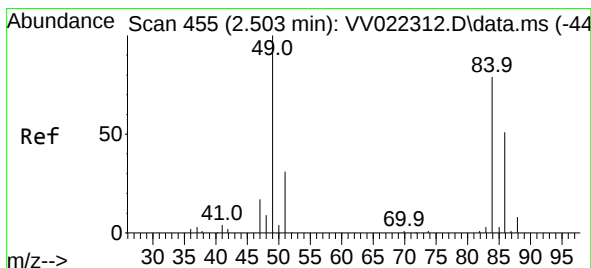
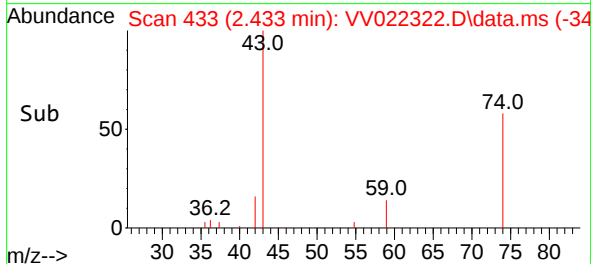
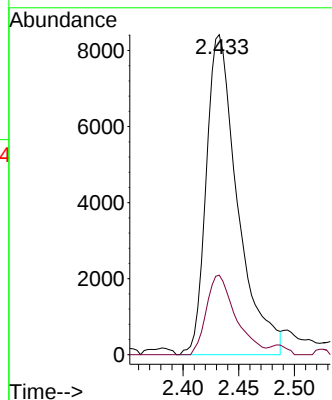
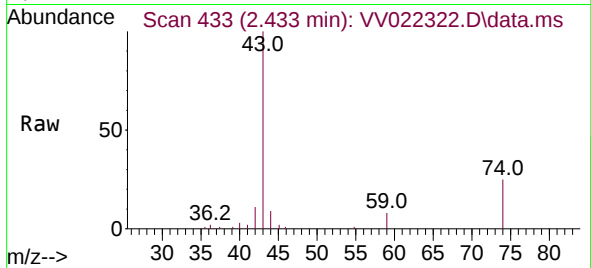




#15
Methyl Acetate
Concen: 4.946 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.013 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

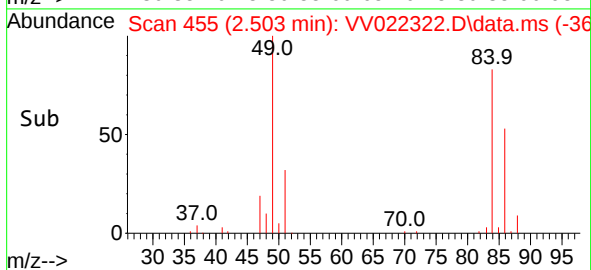
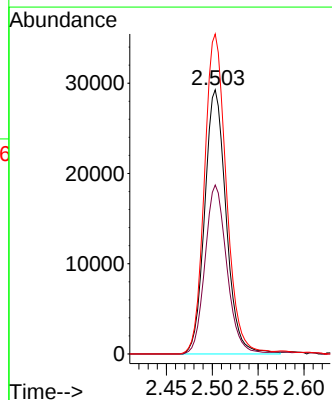
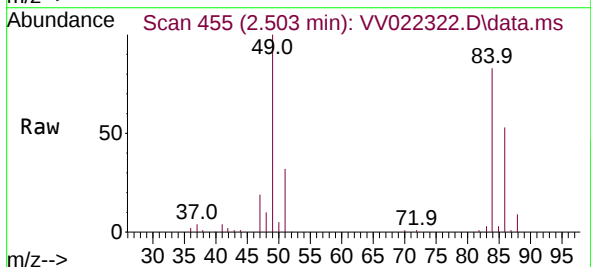
Instrument :
MSVOA_V
ClientSampled :

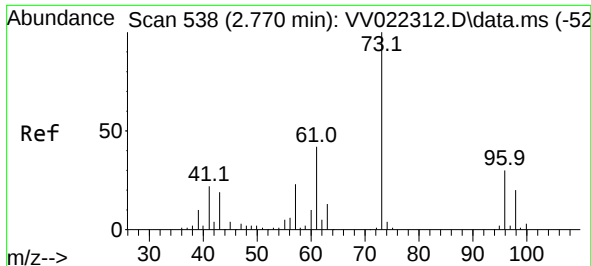
Tgt Ion: 43 Resp: 16495
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3



#16
Methylene chloride
Concen: 3.790 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 84 Resp: 47718
Ion Ratio Lower Upper
84 100
86 64.0 47.1 87.5
49 121.1 86.9 161.5

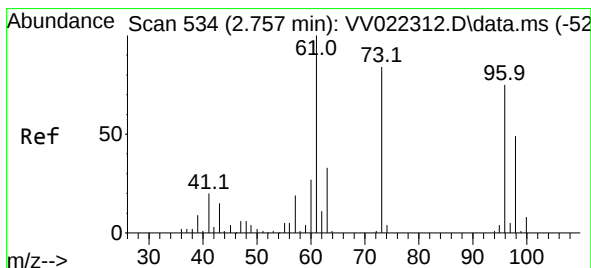
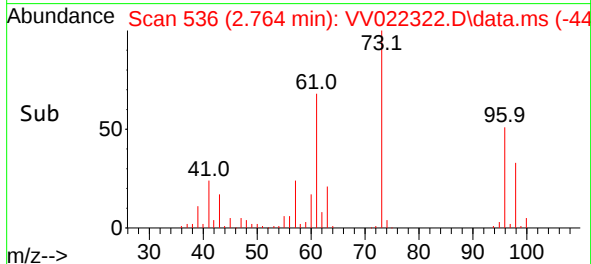
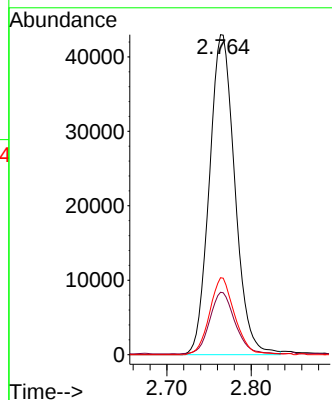
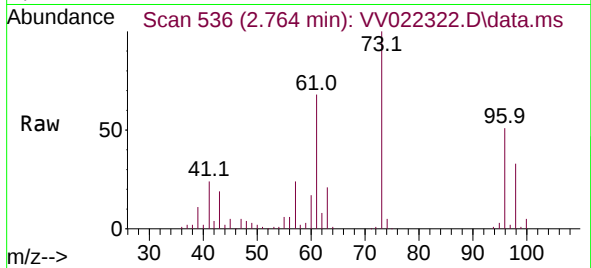




#17
Methyl tert-butyl Ether
Concen: 4.695 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

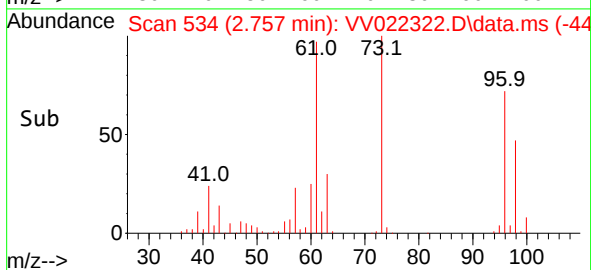
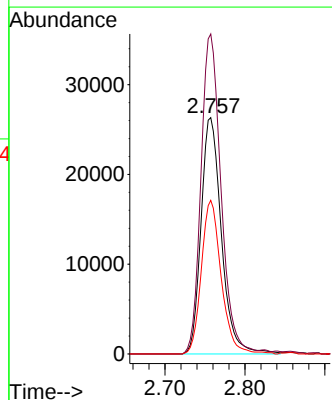
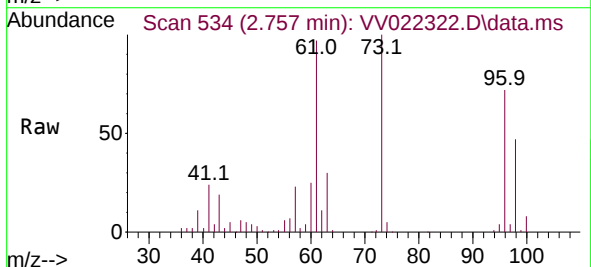
Instrument :
MSVOA_V
ClientSampled :

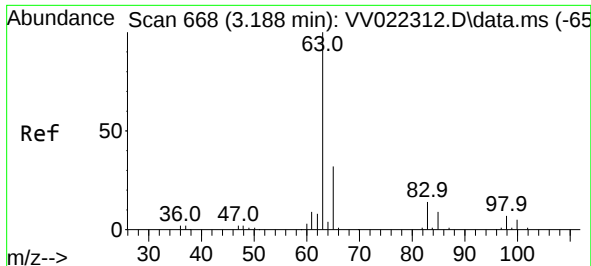
Tgt Ion: 73 Resp: 90347
Ion Ratio Lower Upper
73 100
43 18.9 15.0 22.6
57 23.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.417 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 96 Resp: 46819
Ion Ratio Lower Upper
96 100
61 135.4 92.0 170.9
98 65.0 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.436 ug/L

RT: 3.185 min Scan# 667

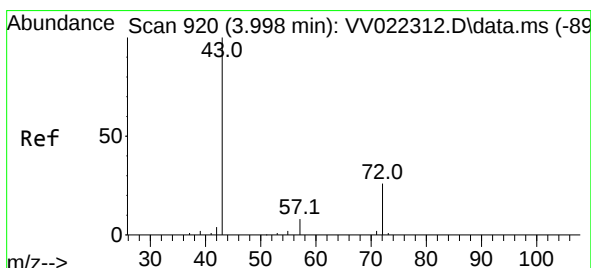
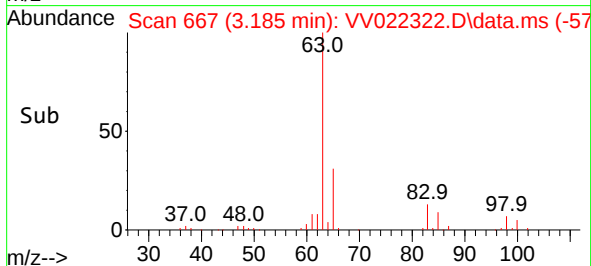
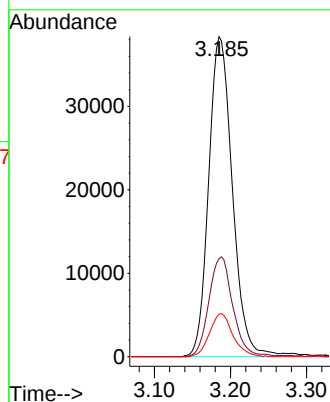
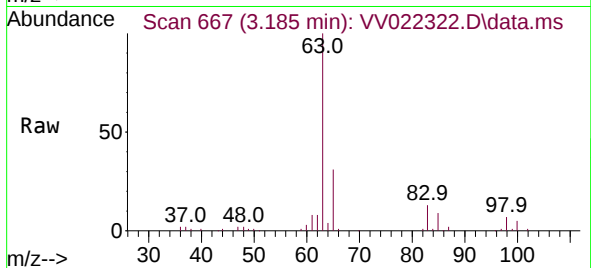
Delta R.T. -0.003 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion:	63	Resp:	82892
Ion	Ratio	Lower	Upper
63	100		
65	30.6	20.6	38.4
83	13.3	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :



#21

2-Butanone

Concen: 43.317 ug/L

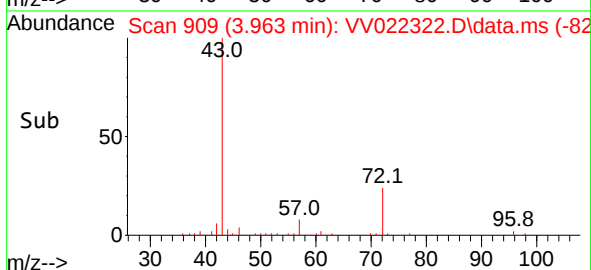
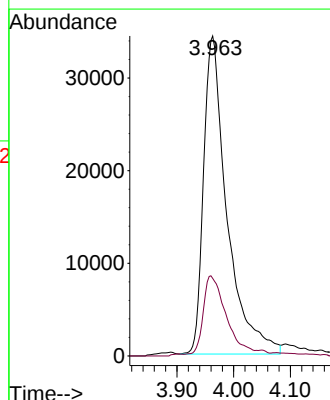
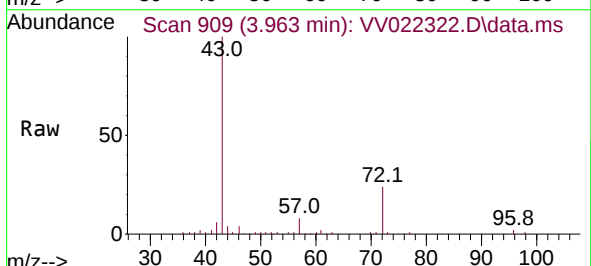
RT: 3.963 min Scan# 909

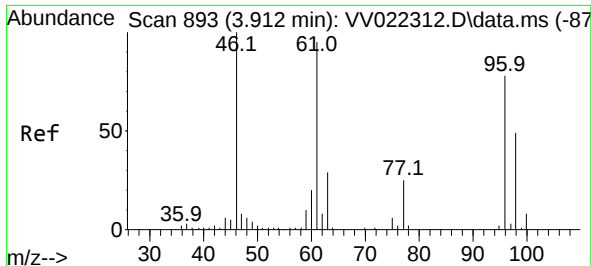
Delta R.T. -0.035 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion:	43	Resp:	98495
Ion	Ratio	Lower	Upper
43	100		
72	24.0	12.4	37.2

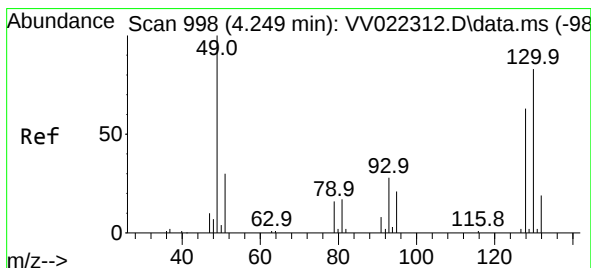
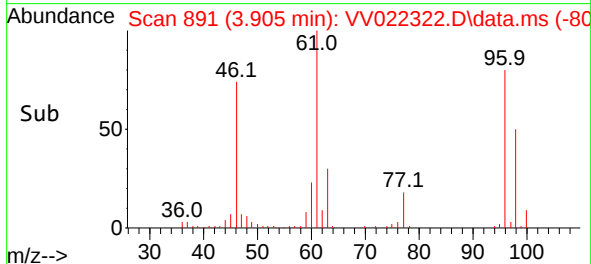
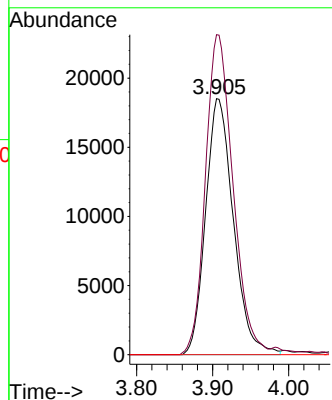
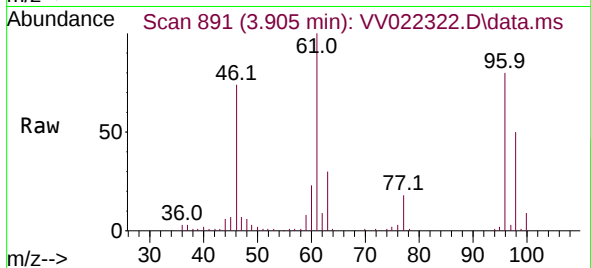




#22
cis-1,2-Dichloroethene
Concen: 5.480 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

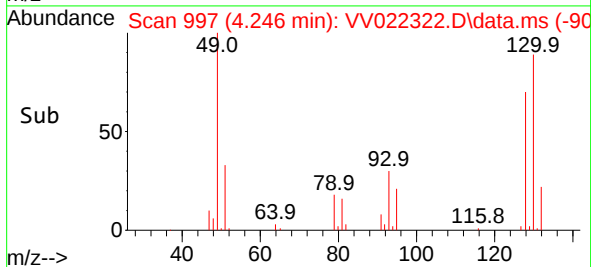
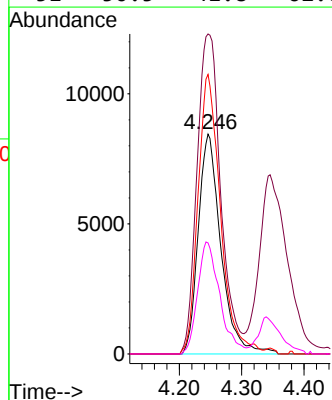
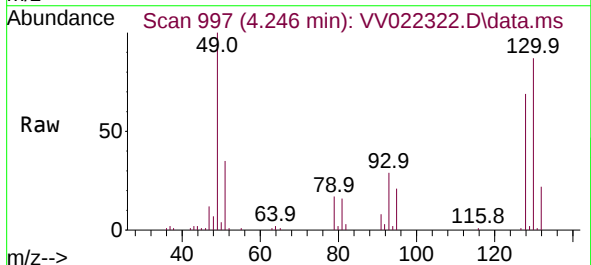
Instrument :
MSVOA_V
ClientSampleId :

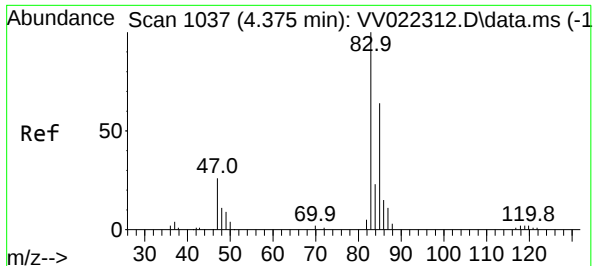
Tgt Ion: 96 Resp: 47076
Ion Ratio Lower Upper
96 100
61 125.0 85.8 159.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.256 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:128 Resp: 21315
Ion Ratio Lower Upper
128 100
49 145.6 110.9 205.9
130 127.2 88.3 163.9
51 50.5 41.8 62.6





#25

Chloroform

Concen: 5.275 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV022322.D

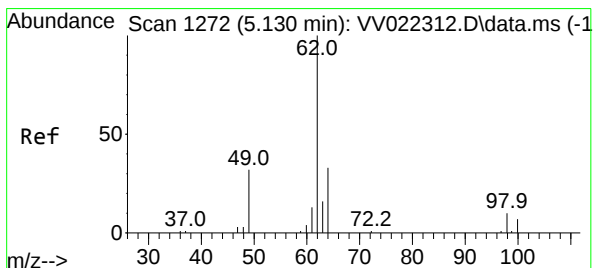
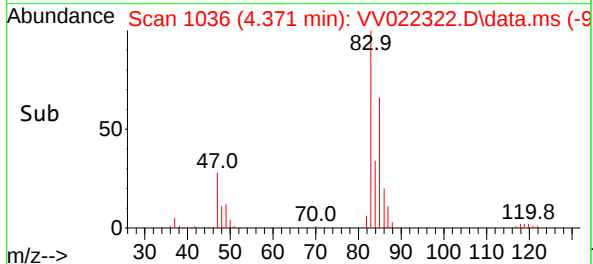
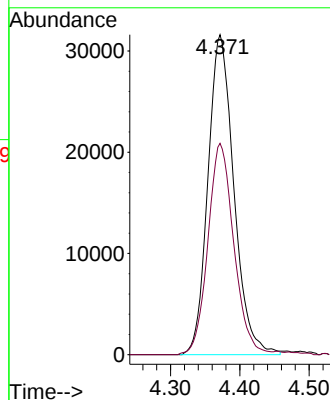
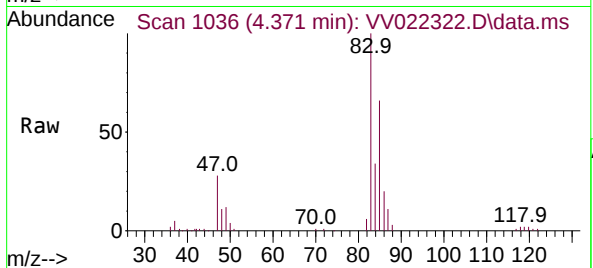
Acq: 24 Sep 2021 17:27

Tgt Ion: 83 Resp: 82193

Ion Ratio Lower Upper

83 100

85 66.1 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.805 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV022322.D

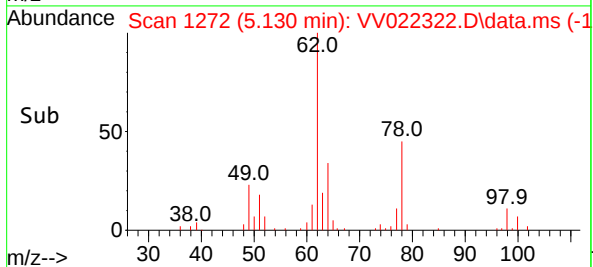
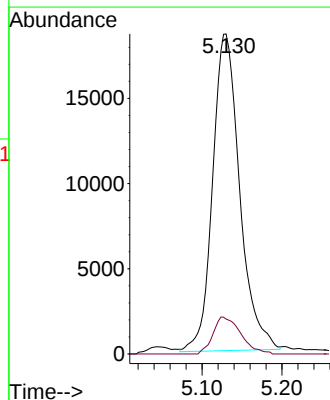
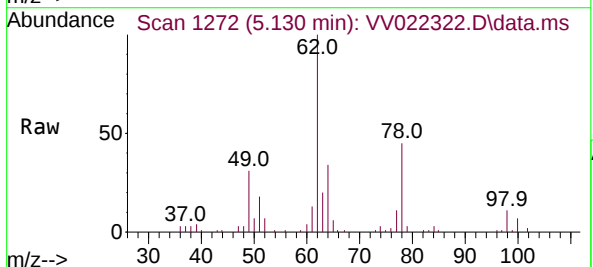
Acq: 24 Sep 2021 17:27

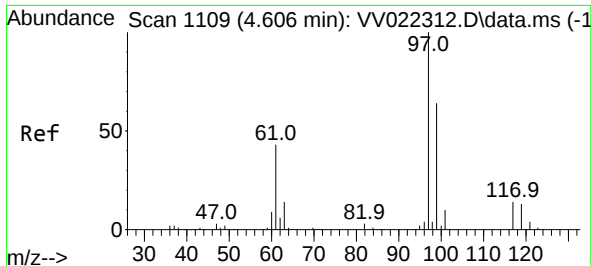
Tgt Ion: 62 Resp: 43716

Ion Ratio Lower Upper

62 100

98 10.9 8.8 13.2



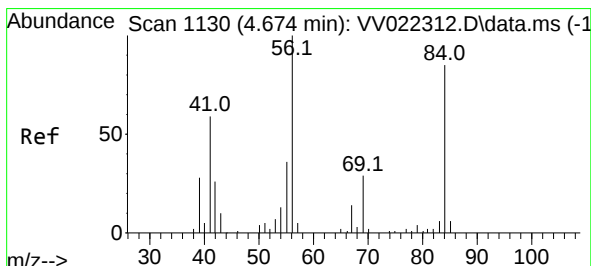
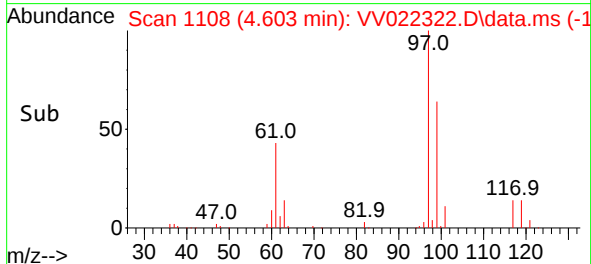
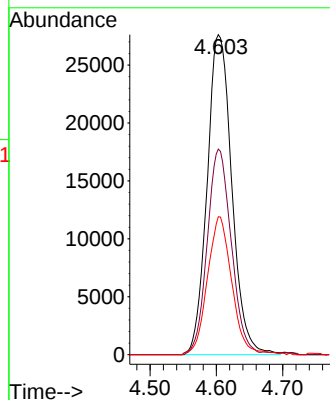
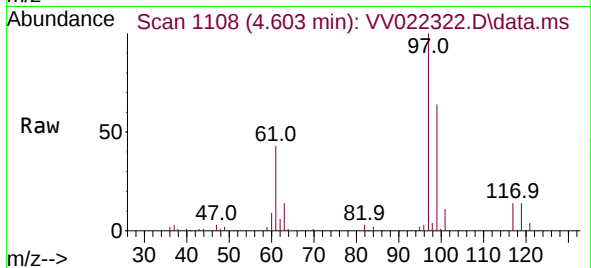


#29

1,1,1-Trichloroethane
Concen: 5.518 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :

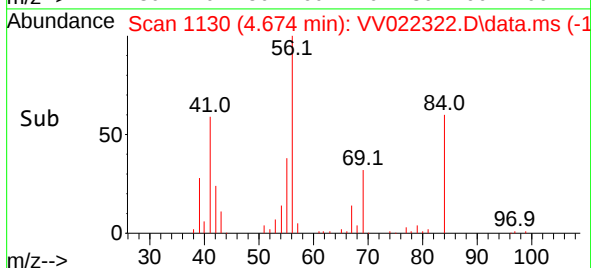
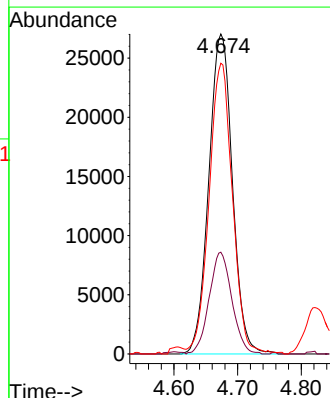
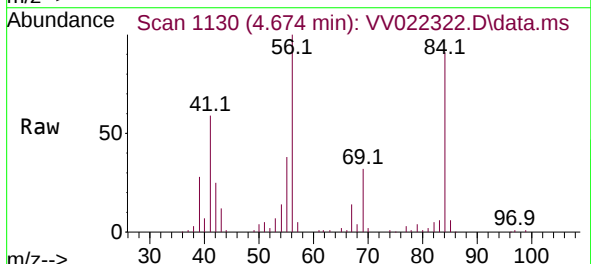
Tgt Ion: 97 Resp: 71577
Ion Ratio Lower Upper
97 100
99 62.4 51.5 77.3
61 42.6 35.5 53.3

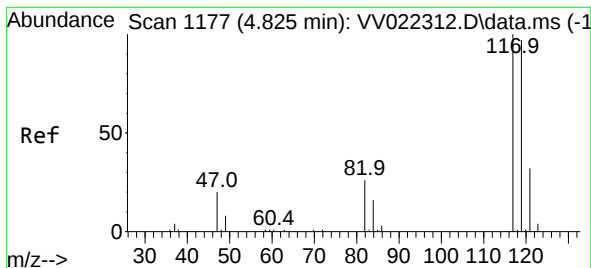


#30

Cyclohexane
Concen: 5.390 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 56 Resp: 69809
Ion Ratio Lower Upper
56 100
69 30.5 24.1 36.1
84 88.4 70.8 106.2





#31

Carbon tetrachloride

Concen: 5.519 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VV022322.D

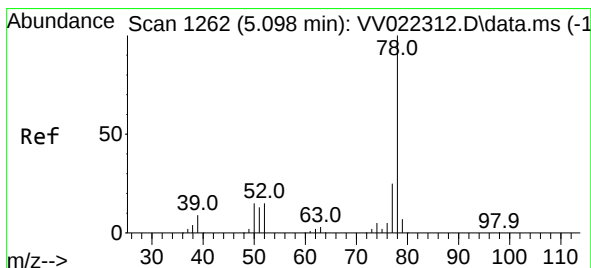
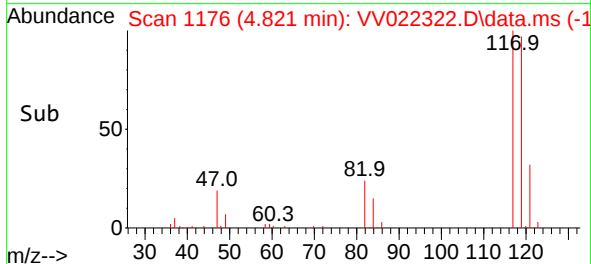
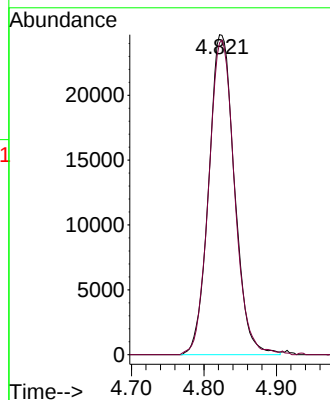
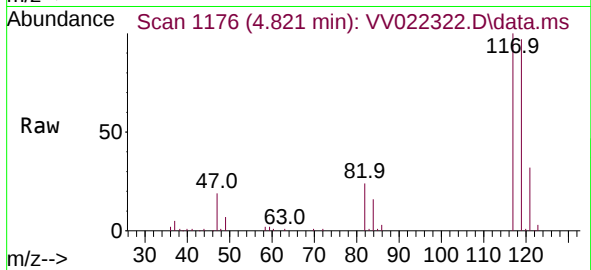
Acq: 24 Sep 2021 17:27

Tgt Ion:117 Resp: 60810

Ion Ratio Lower Upper

117 100

119 98.4 76.5 114.7



#33

Benzene

Concen: 5.686 ug/L

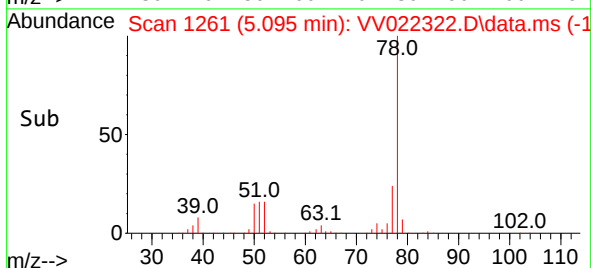
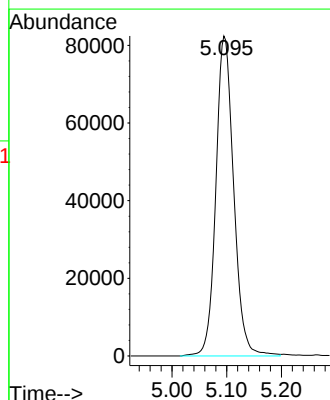
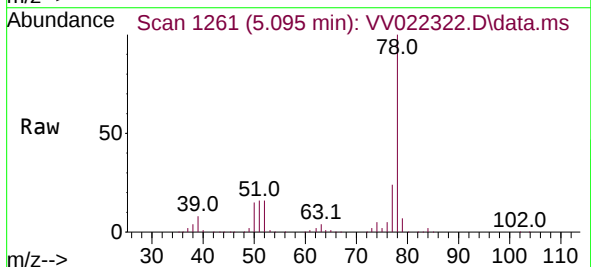
RT: 5.095 min Scan# 1261

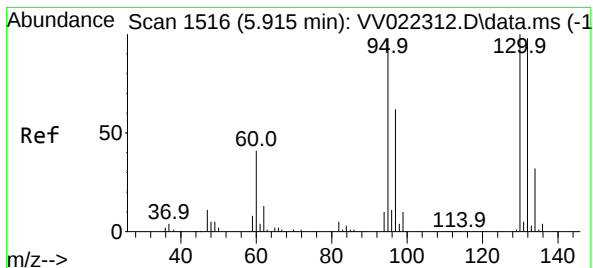
Delta R.T. -0.003 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion: 78 Resp: 186255





#34

Trichloroethene

Concen: 5.620 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion: 95 Resp: 46789

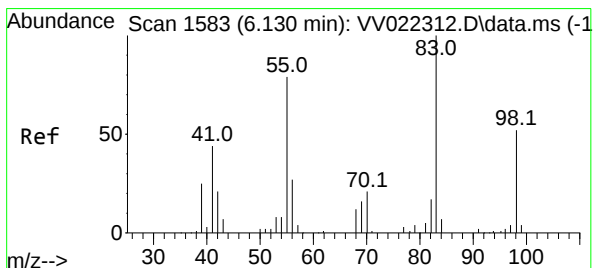
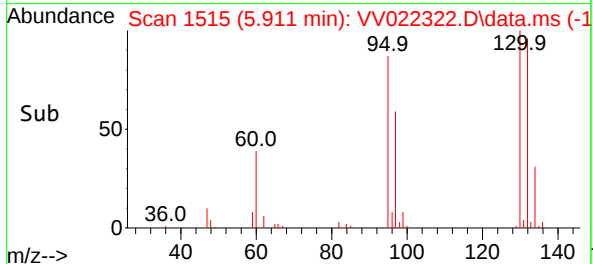
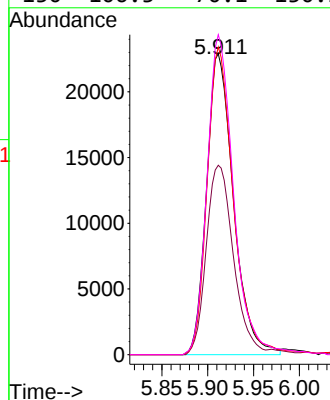
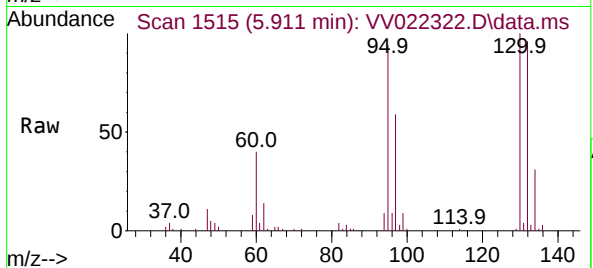
Ion Ratio Lower Upper

95 100

97 63.0 44.7 82.9

132 102.2 67.5 125.3

130 106.3 70.1 130.3



#35

Methylcyclohexane

Concen: 5.627 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

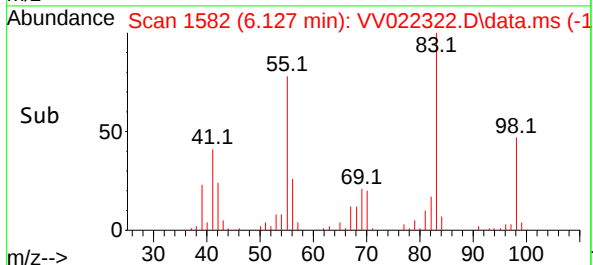
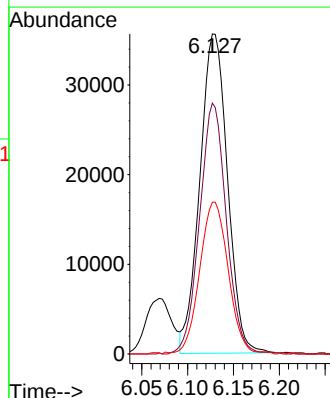
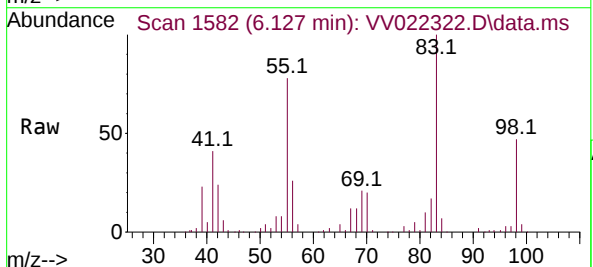
Tgt Ion: 83 Resp: 74807

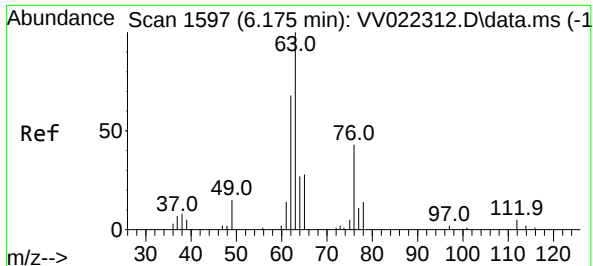
Ion Ratio Lower Upper

83 100

55 76.0 60.2 90.2

98 48.9 39.5 59.3

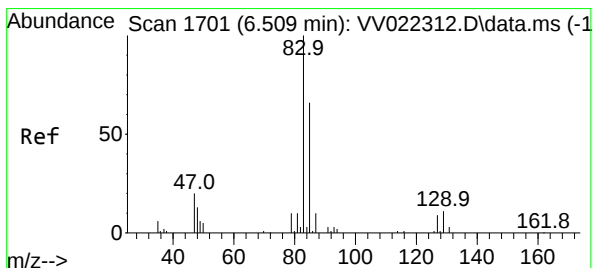
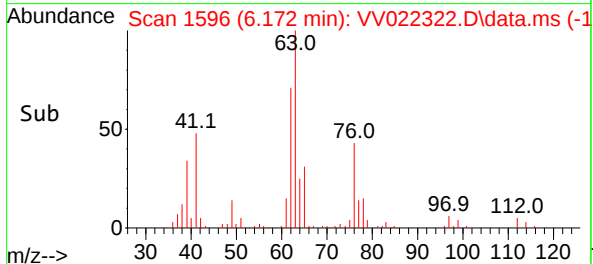
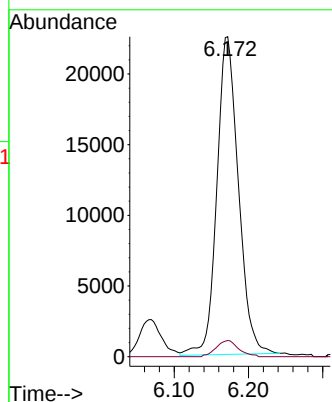
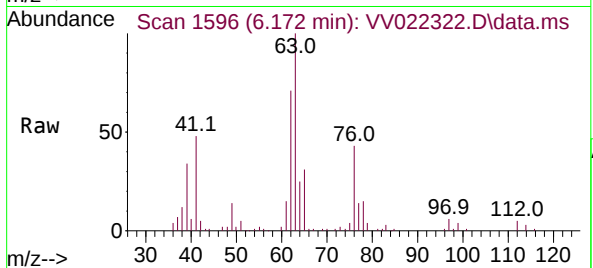




#37
1,2-Dichloropropane
Concen: 5.498 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

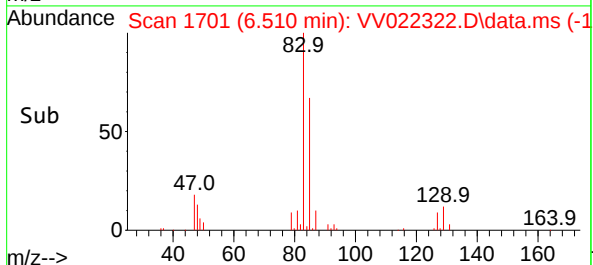
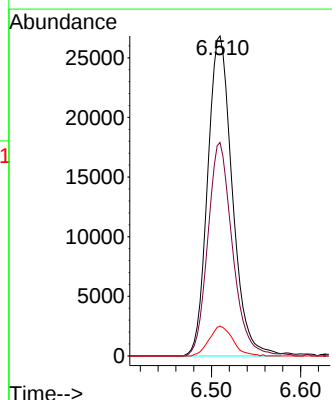
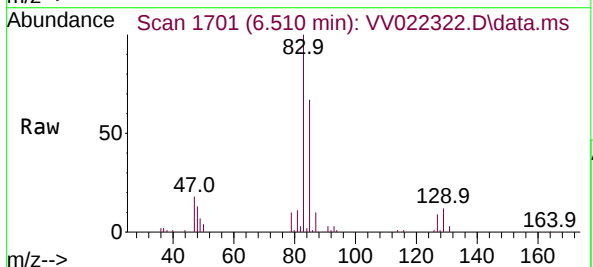
Instrument :
MSVOA_V
ClientSampled :

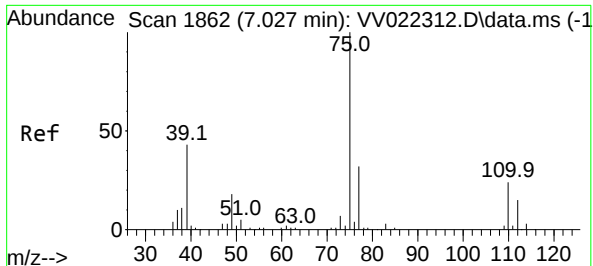
Tgt Ion: 63 Resp: 45475
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.2



#38
Bromodichloromethane
Concen: 5.170 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 83 Resp: 51520
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4
127 9.4 7.0 10.4

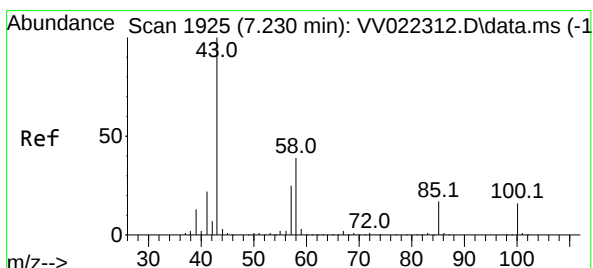
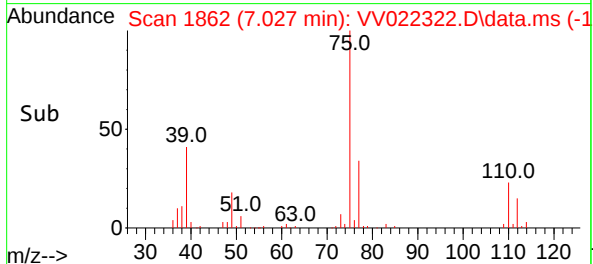
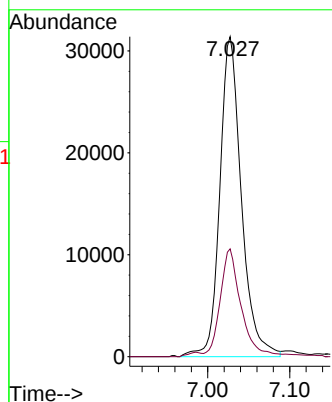
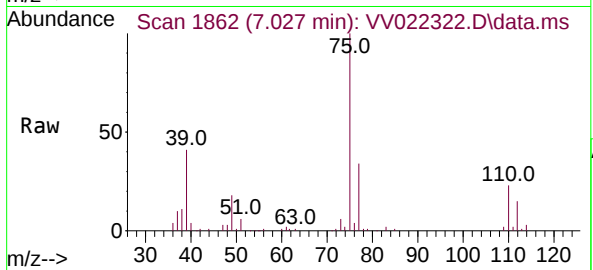




#39
 cis-1,3-Dichloropropene
 Concen: 5.253 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

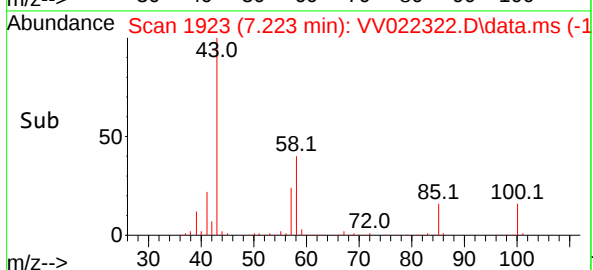
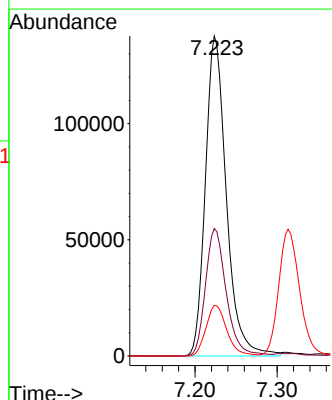
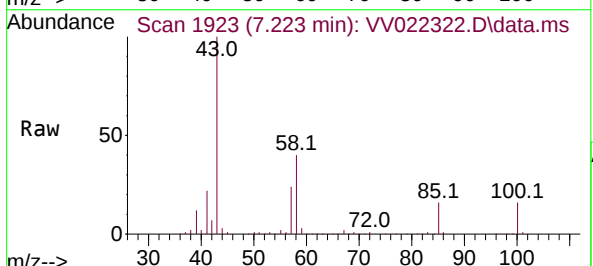
Instrument :
 MSVOA_V
 ClientSampled :

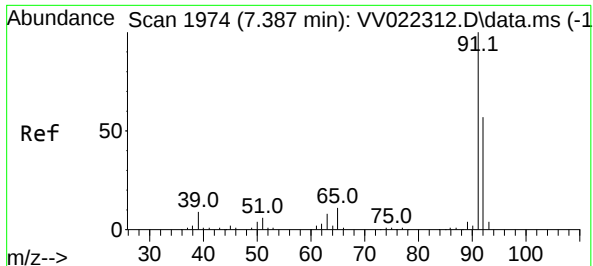
Tgt Ion: 75 Resp: 57459
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 45.863 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

Tgt Ion: 43 Resp: 244462
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.7 47.5
 100 15.8 12.2 18.4





#42

Toluene

Concen: 5.603 ug/L

RT: 7.387 min Scan# 1974

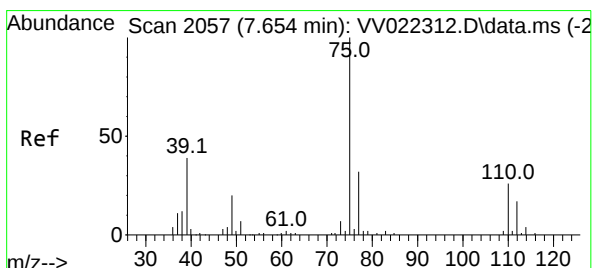
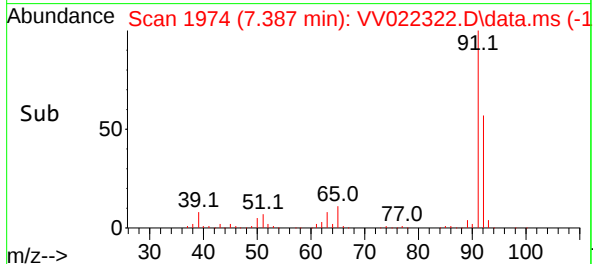
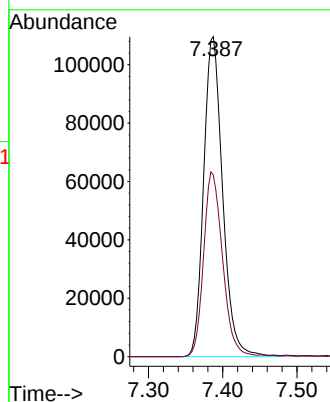
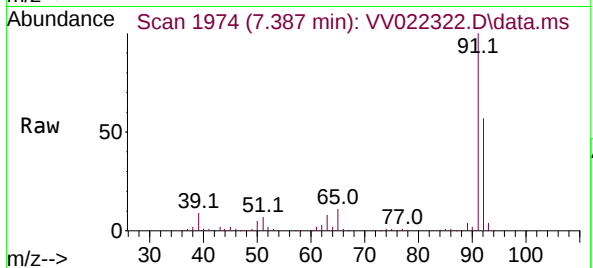
Delta R.T. 0.000 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion: 91 Resp: 194463

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.6	75.4



#44

trans-1,3-Dichloropropene

Concen: 5.080 ug/L

RT: 7.651 min Scan# 2056

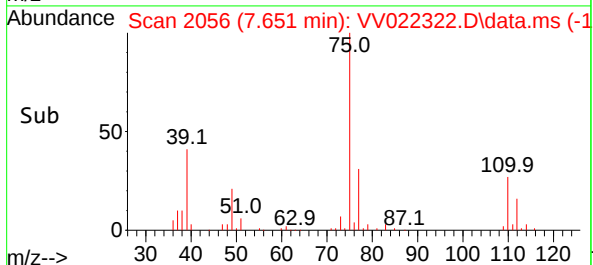
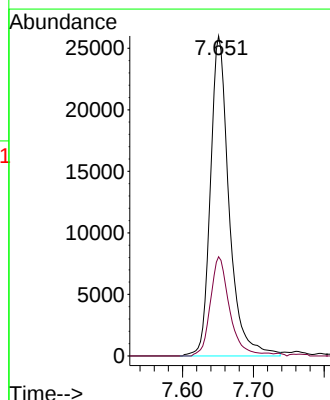
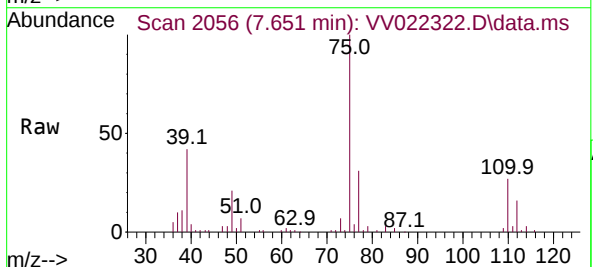
Delta R.T. -0.003 min

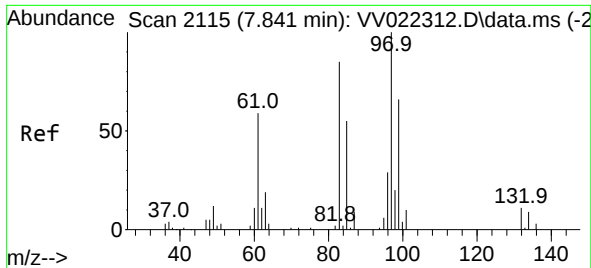
Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion: 75 Resp: 47494

Ion	Ratio	Lower	Upper
75	100		
77	31.0	22.8	42.4

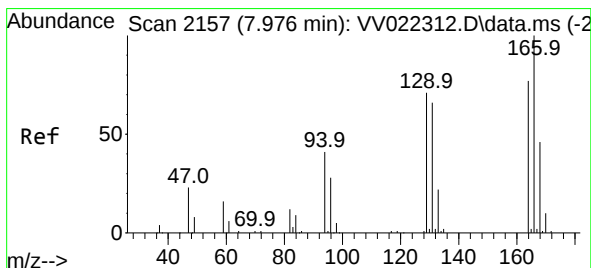
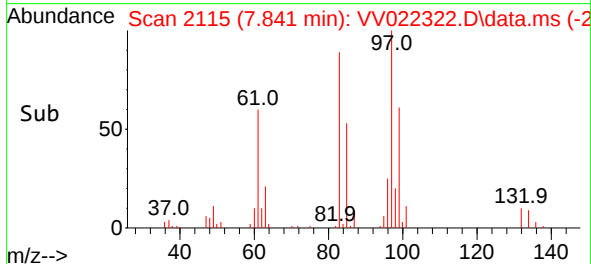
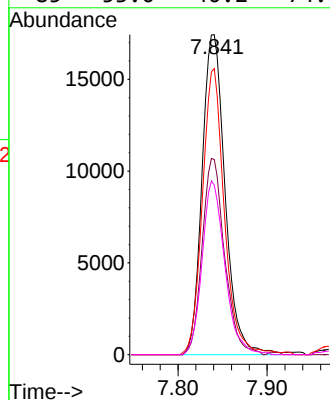
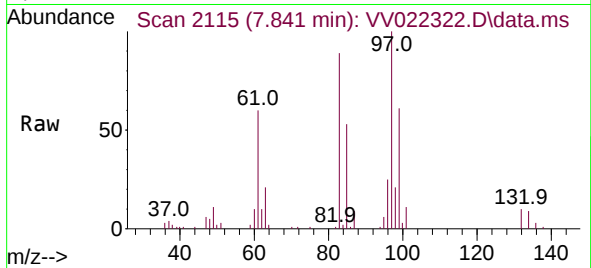




#45
1,1,2-Trichloroethane
Concen: 5.003 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

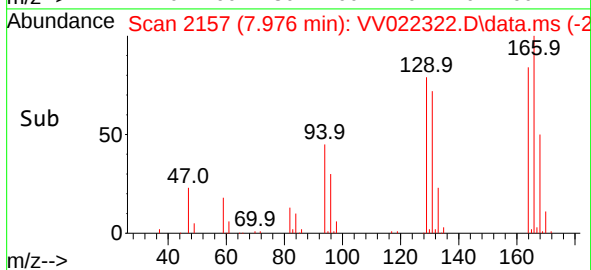
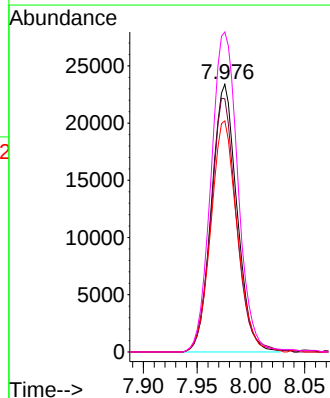
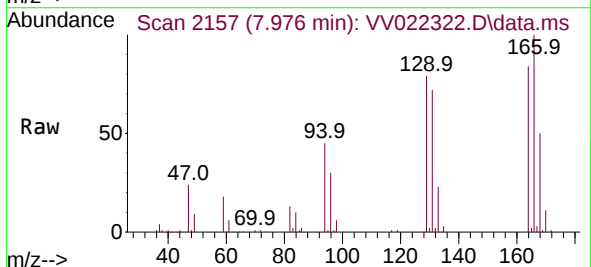
Instrument :
MSVOA_V
ClientSampled :

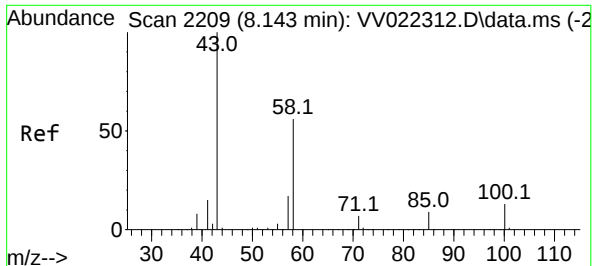
Tgt Ion:	97	Resp:	31285
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.6	79.2
83	89.4	58.9	109.5
85	53.0	40.2	74.6



#47
Tetrachloroethene
Concen: 5.455 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:	164	Resp:	38517
Ion	Ratio	Lower	Upper
164	100		
129	94.6	61.9	115.1
131	86.4	61.0	113.4
166	119.6	86.4	160.4



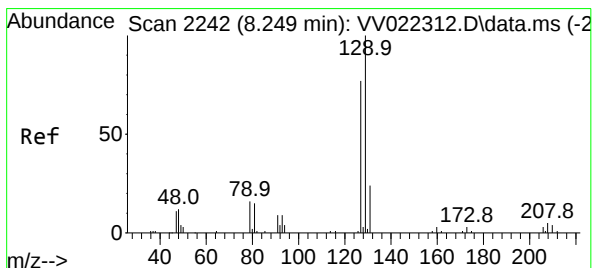
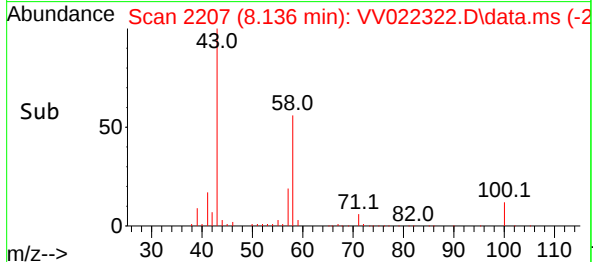
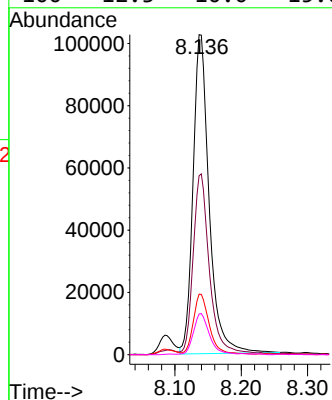
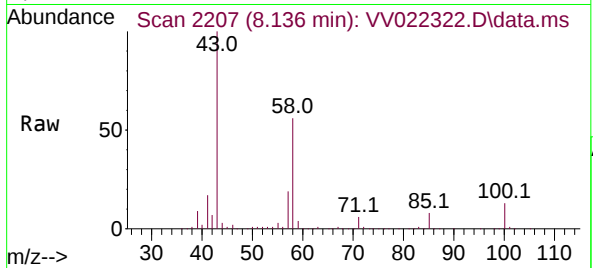


#48
2-Hexanone
Concen: 46.244 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 173206

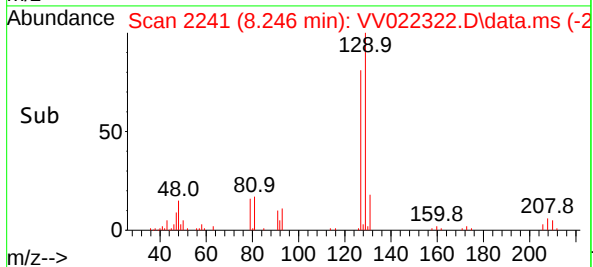
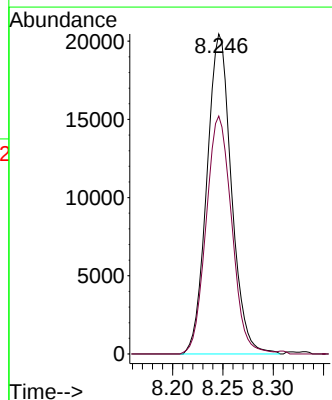
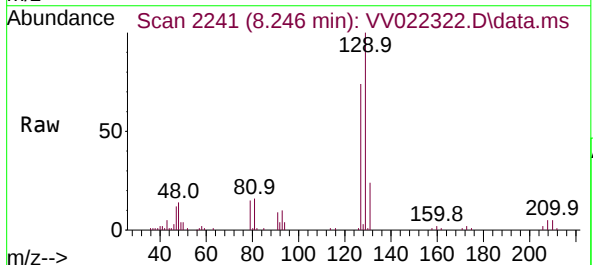
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.1	66.1
57	18.7	14.2	21.4
100	12.3	10.0	15.0

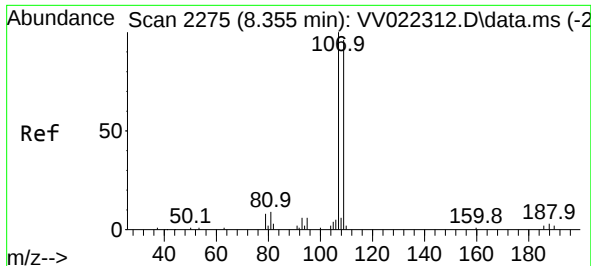


#49
Dibromochloromethane
Concen: 5.175 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 129 Resp: 34807

Ion	Ratio	Lower	Upper
129	100		
127	74.4	54.5	101.3





#50

1,2-Dibromoethane

Concen: 4.930 ug/L

RT: 8.352 min Scan# 2274

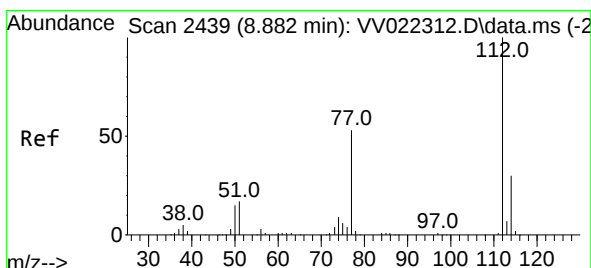
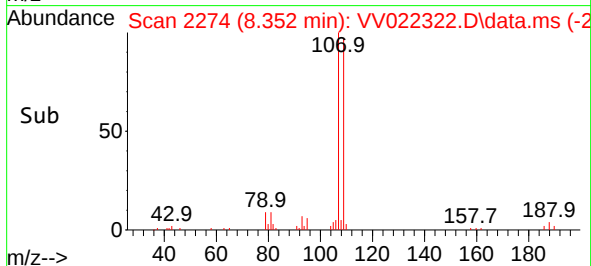
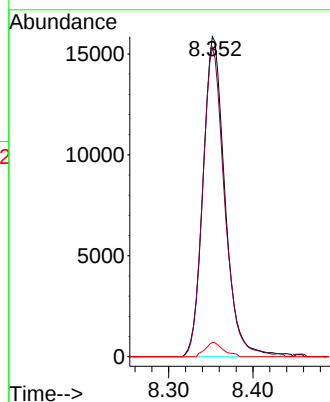
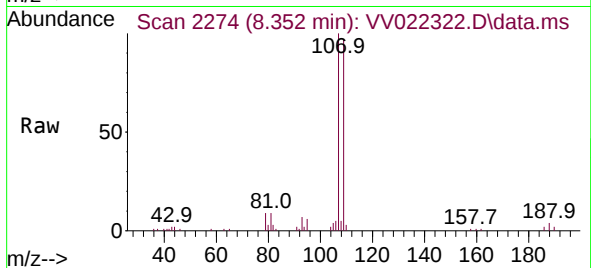
Delta R.T. -0.003 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	28663
Ion	Ratio	Lower	Upper
107	100		
109	96.5	62.8	116.6
188	4.5	2.8	4.2#



#51

Chlorobenzene

Concen: 5.394 ug/L

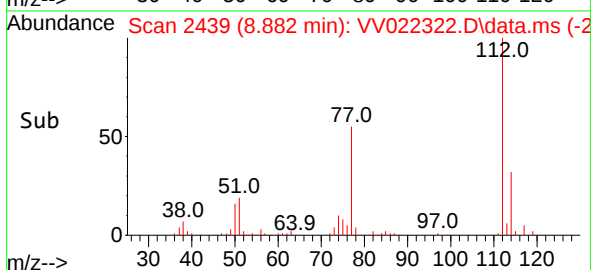
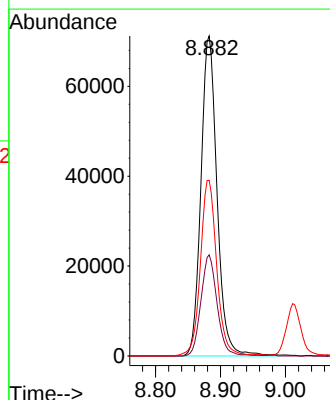
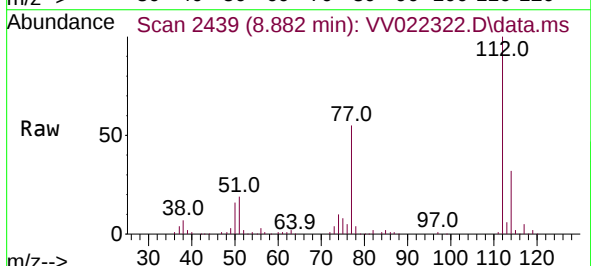
RT: 8.882 min Scan# 2439

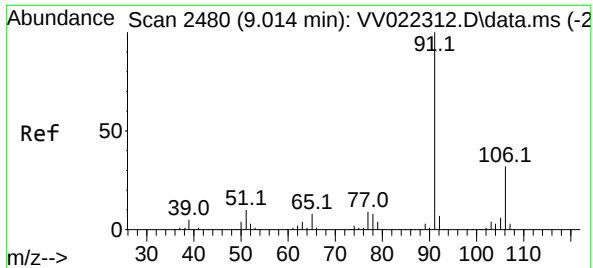
Delta R.T. 0.000 min

Lab File: VV022322.D

Acq: 24 Sep 2021 17:27

Tgt Ion:	112	Resp:	122956
Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.4	43.4
77	54.9	45.2	67.8

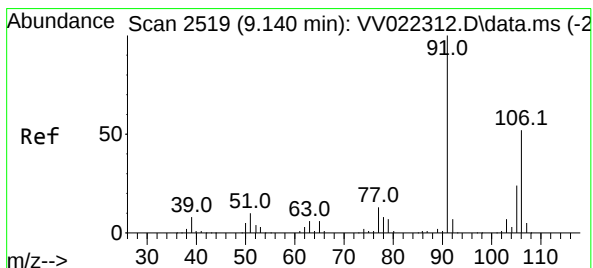
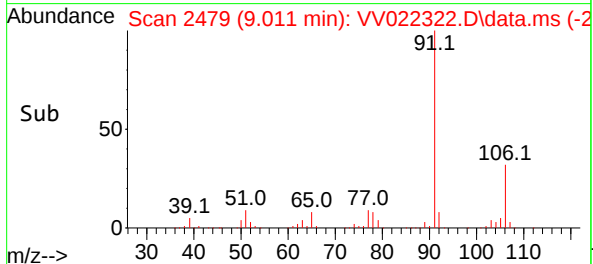
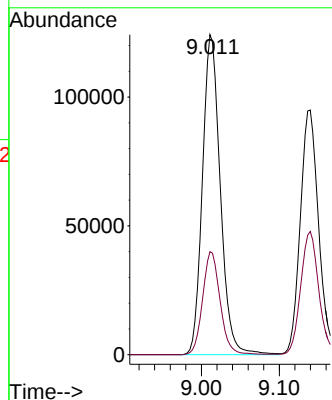
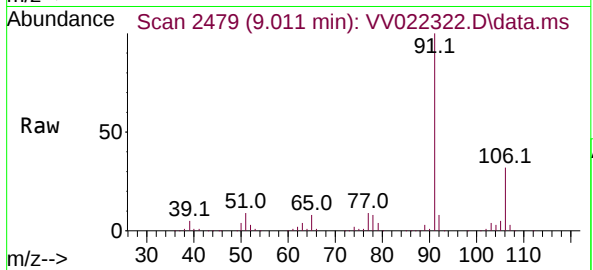




#52
Ethylbenzene
Concen: 5.481 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

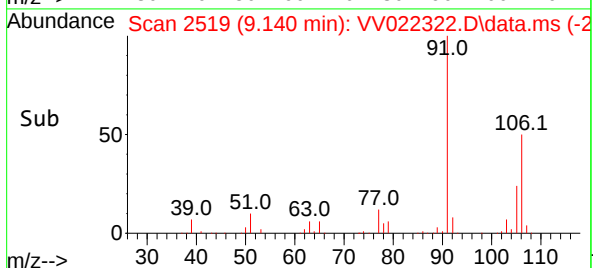
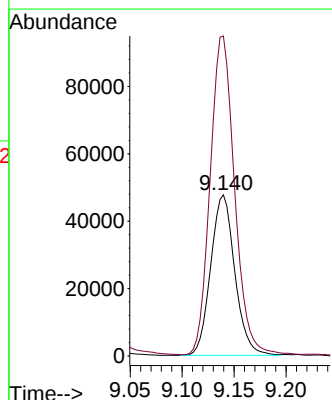
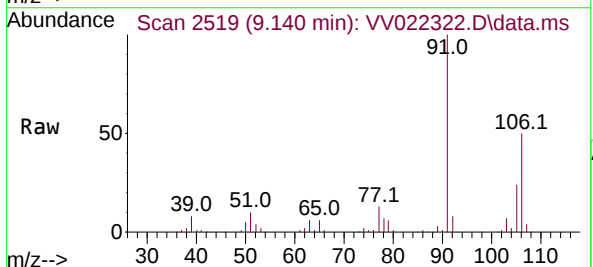
Instrument :
MSVOA_V
ClientSampled :

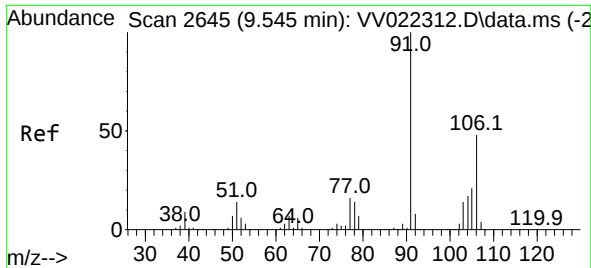
Tgt Ion: 91 Resp: 197896
Ion Ratio Lower Upper
91 100
106 32.2 22.0 40.8



#53
m,p-xylene
Concen: 5.516 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 106 Resp: 76912
Ion Ratio Lower Upper
106 100
91 198.7 142.7 264.9

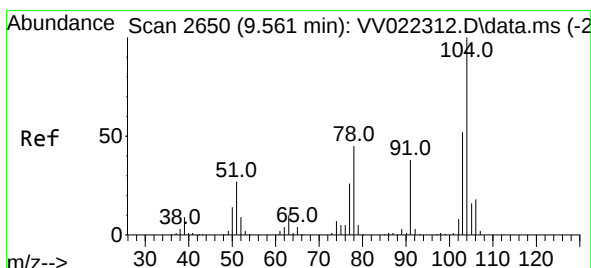
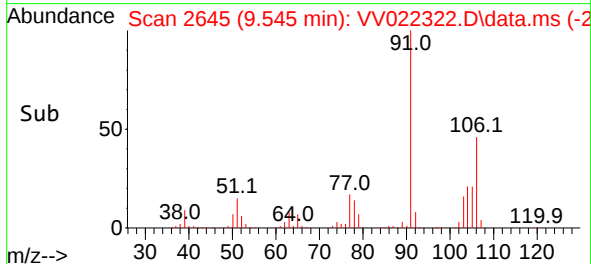
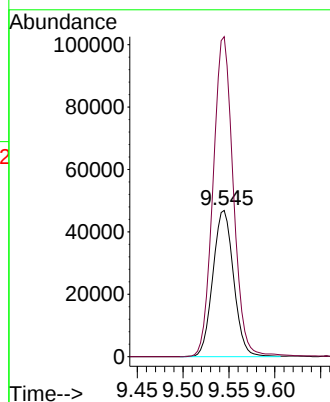
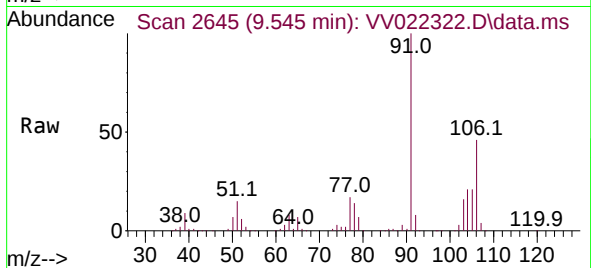




#54
o-xylene
Concen: 5.436 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

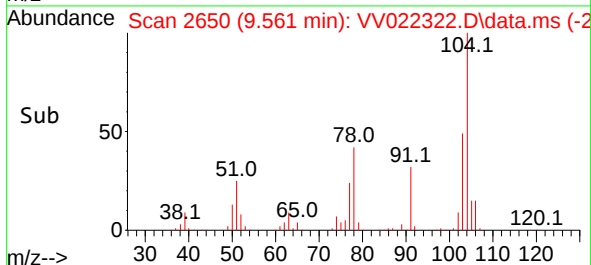
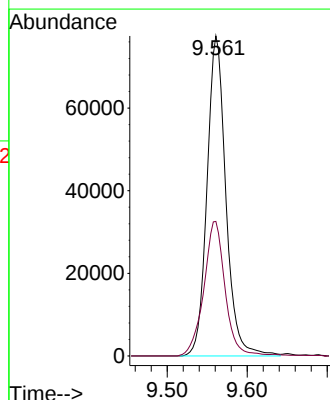
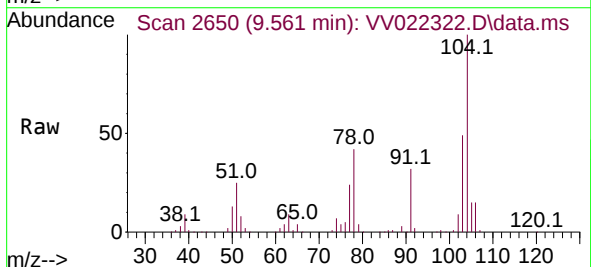
Instrument :
MSVOA_V
ClientSampled :

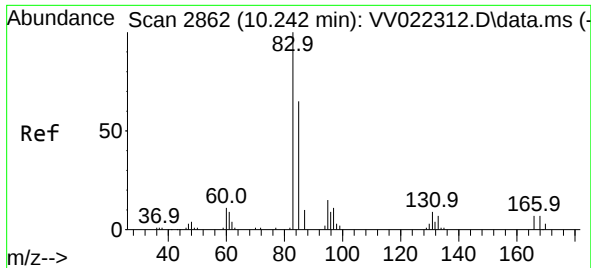
Tgt Ion:106 Resp: 73860
Ion Ratio Lower Upper
106 100
91 218.7 144.7 268.7



#55
Styrene
Concen: 5.643 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:104 Resp: 127215
Ion Ratio Lower Upper
104 100
78 42.1 29.1 54.1

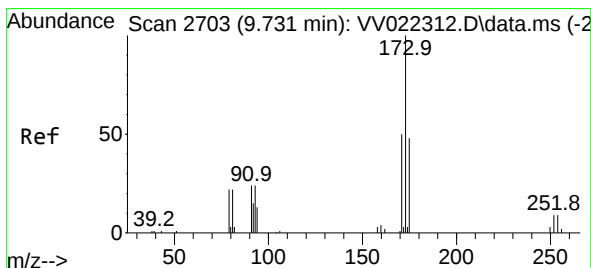
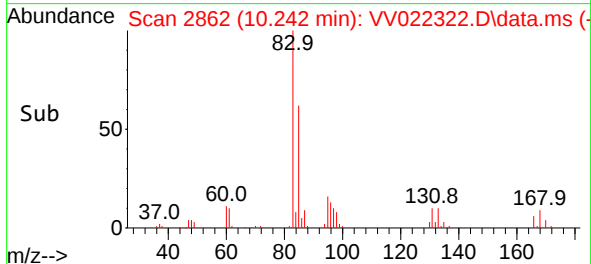
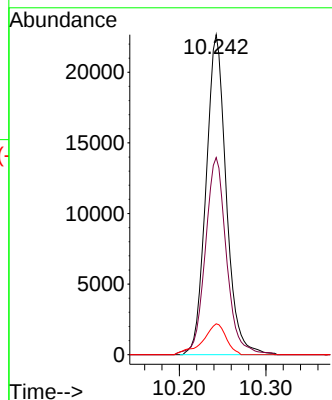
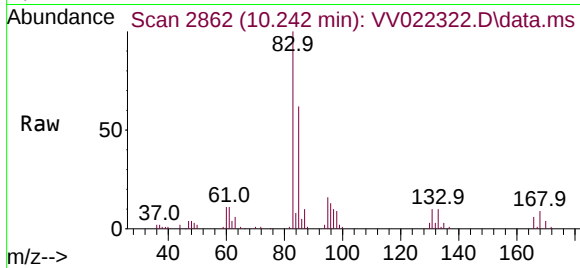




#57
1,1,2,2-Tetrachloroethane
Concen: 4.721 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

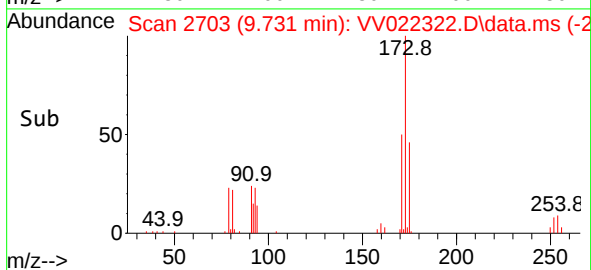
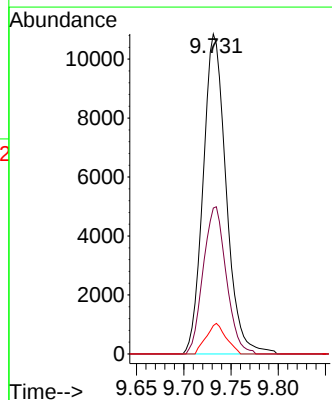
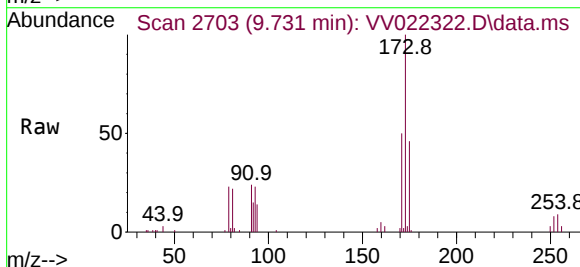
Instrument :
MSVOA_V
ClientSampleId :

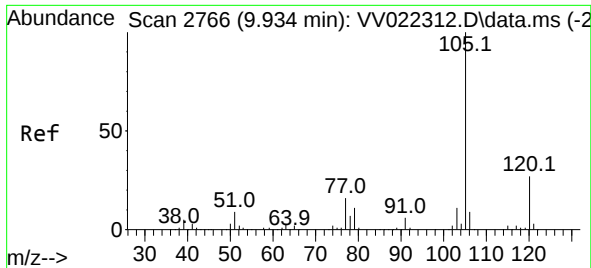
Tgt Ion:	83	Resp:	36661
Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.3	84.1
131	9.6	8.9	13.3



#59
Bromoform
Concen: 4.902 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:	173	Resp:	18377
Ion	Ratio	Lower	Upper
173	100		
175	46.0	40.9	61.3
254	8.2	7.4	11.2

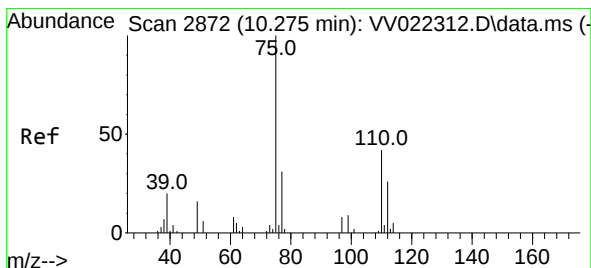
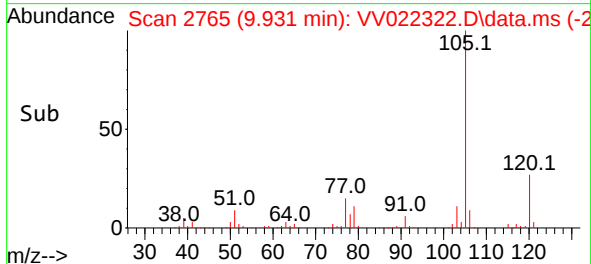
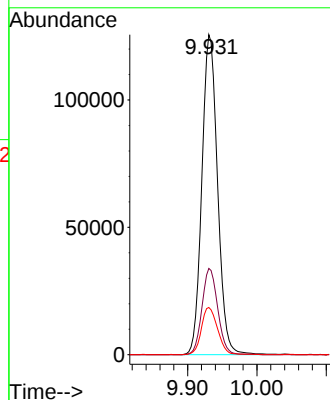
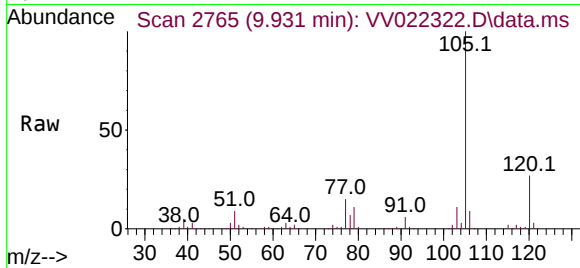




#60
Isopropylbenzene
Concen: 5.273 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

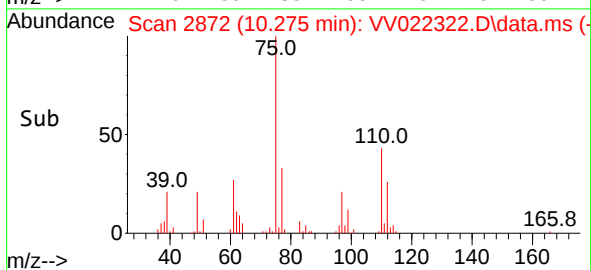
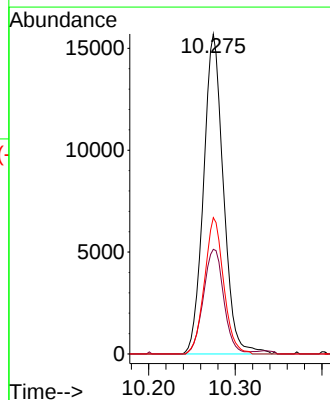
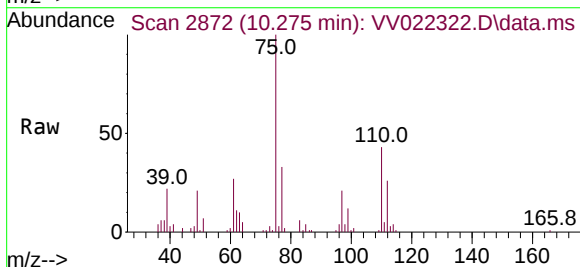
Instrument :
MSVOA_V
ClientSampled :

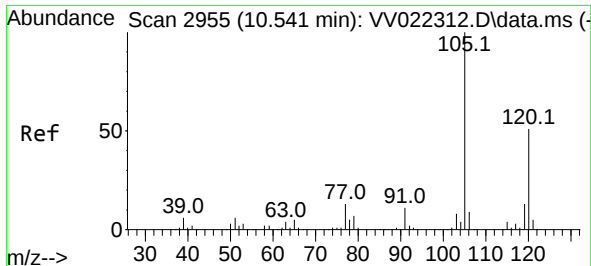
Tgt Ion:105 Resp: 197438
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.303 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 75 Resp: 25077
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
110 40.9 31.7 47.5

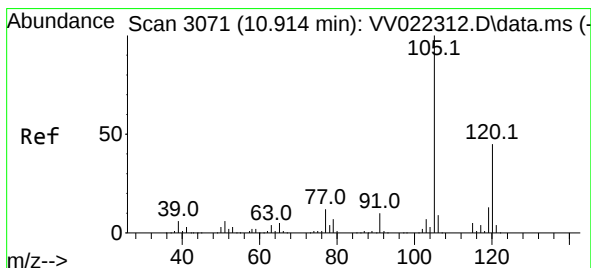
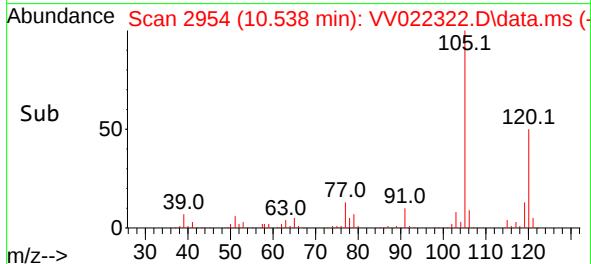
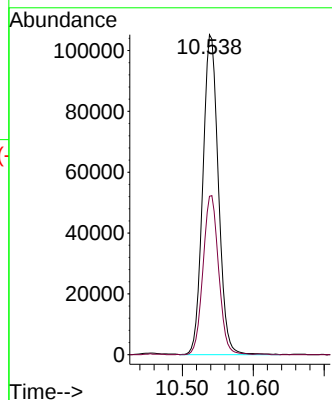
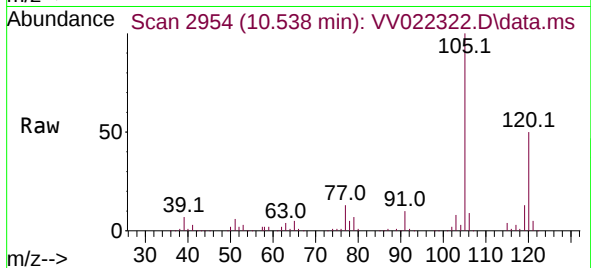




#62
1,3,5-Trimethylbenzene
Concen: 5.247 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

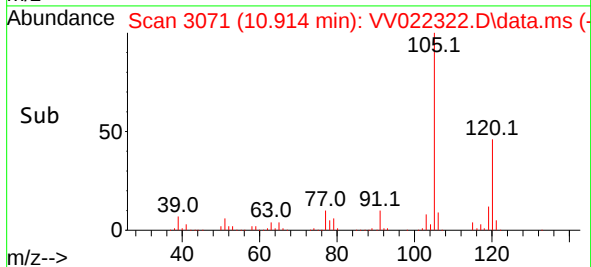
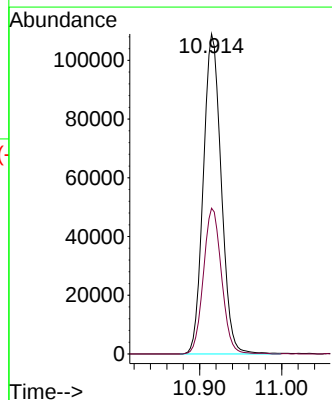
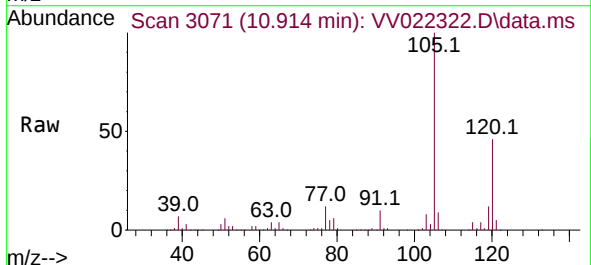
Instrument :
MSVOA_V
ClientSampled :

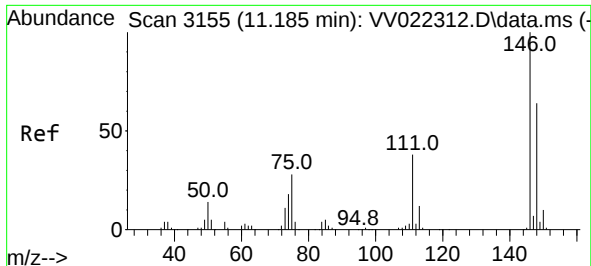
Tgt Ion:105 Resp: 160425
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.425 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:105 Resp: 165343
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.6

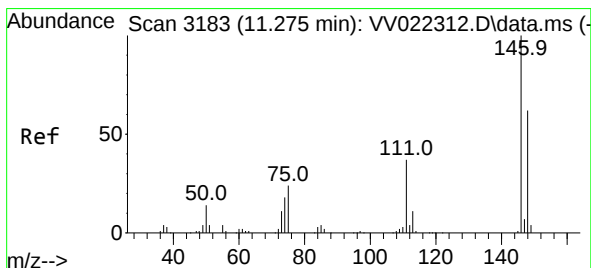
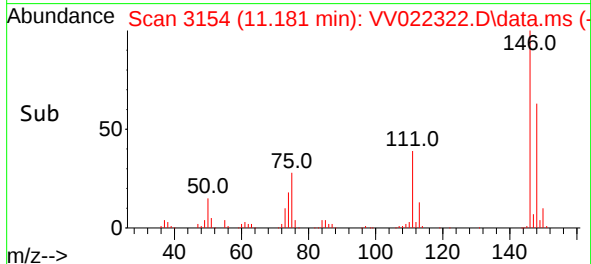
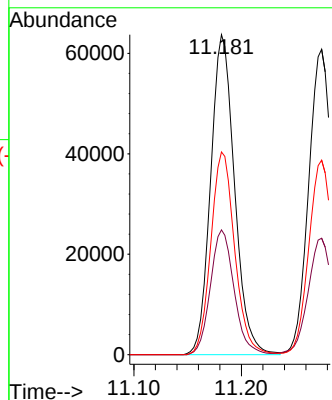
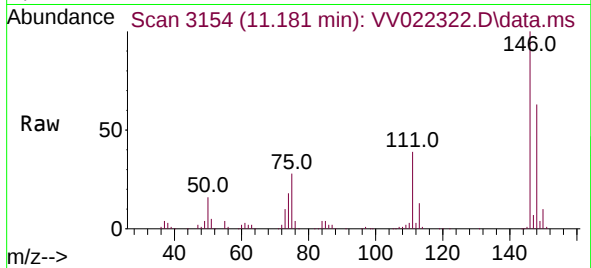




#64
1,3-Dichlorobenzene
Concen: 5.346 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

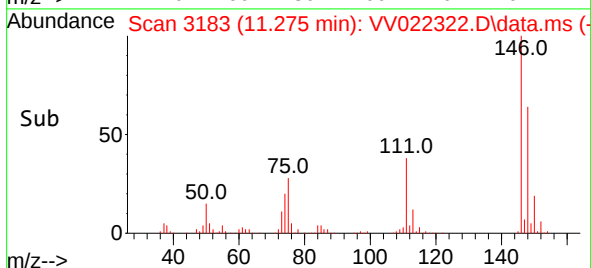
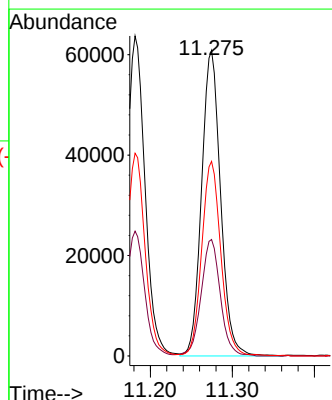
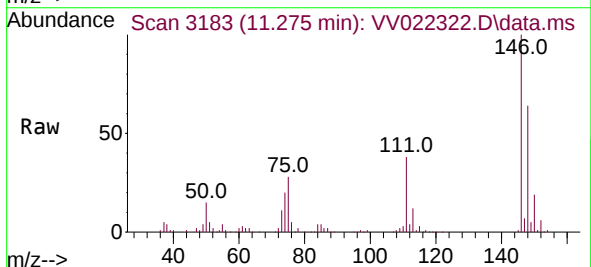
Instrument :
MSVOA_V
ClientSampleId :

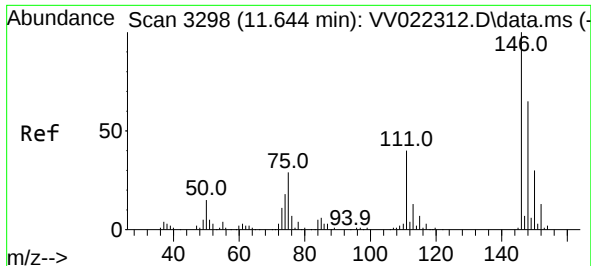
Tgt Ion:146 Resp: 98526
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.5
148 63.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.253 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:146 Resp: 98105
Ion Ratio Lower Upper
146 100
111 38.1 25.5 47.3
148 63.7 42.6 79.0

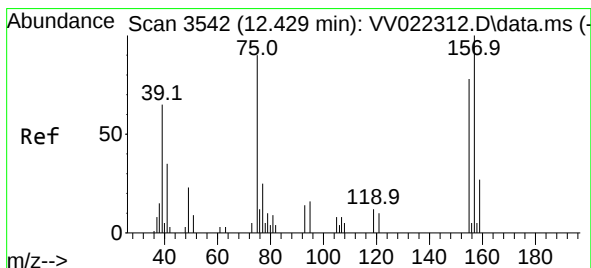
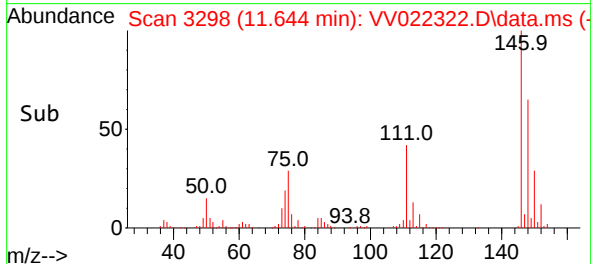
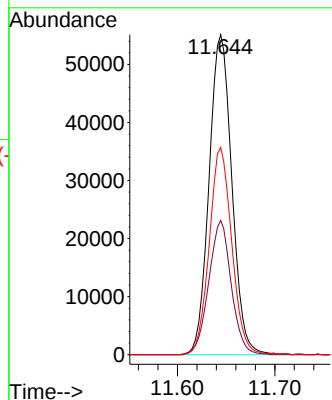
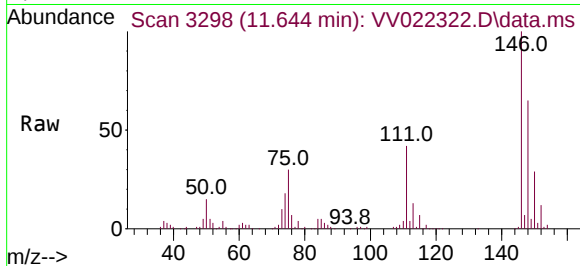




#67
1,2-Dichlorobenzene
Concen: 5.096 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

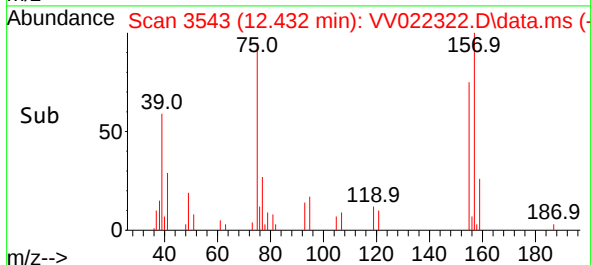
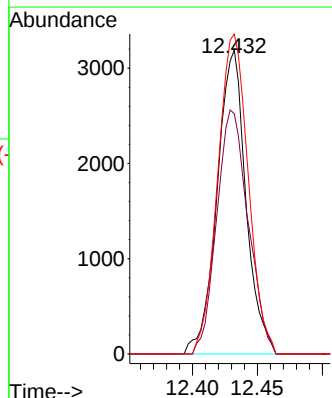
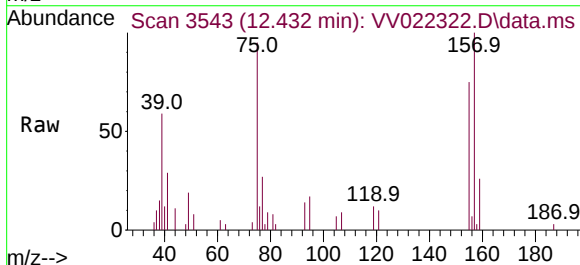
Instrument :
MSVOA_V
ClientSampleId :

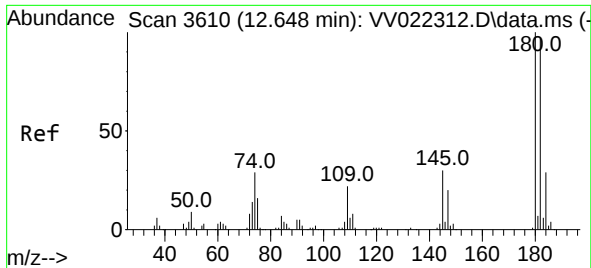
Tgt Ion:146 Resp: 89513
Ion Ratio Lower Upper
146 100
111 42.0 30.8 46.2
148 64.7 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.243 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion: 75 Resp: 4916
Ion Ratio Lower Upper
75 100
155 79.1 75.6 113.4
157 105.3 92.6 139.0

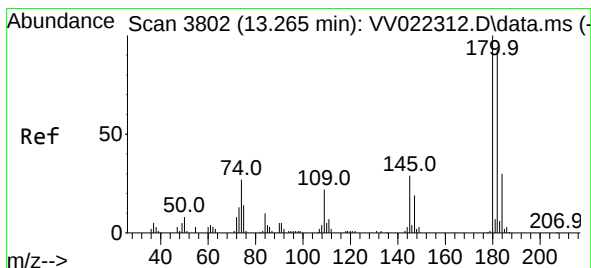
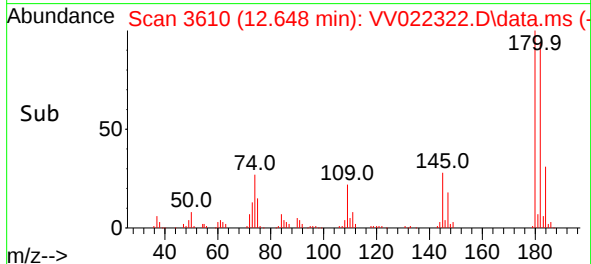
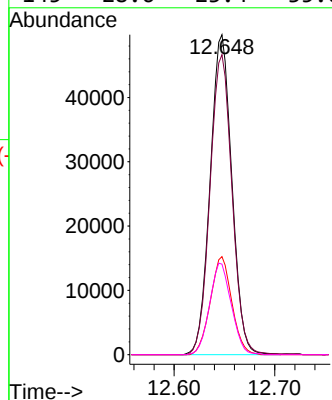
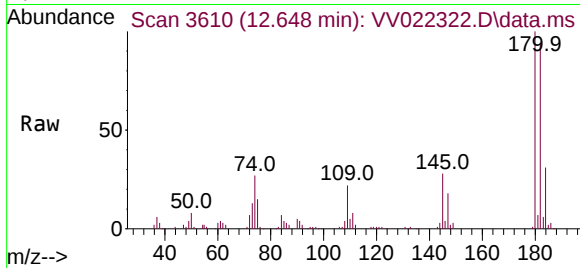




#69
 1,3,5-Trichlorobenzene
 Concen: 5.331 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

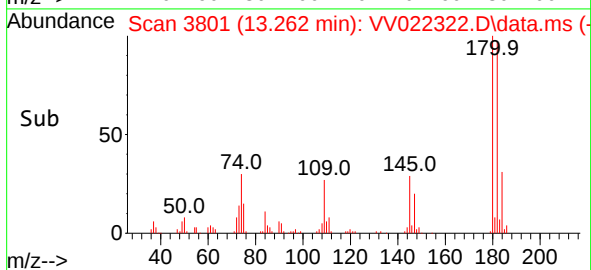
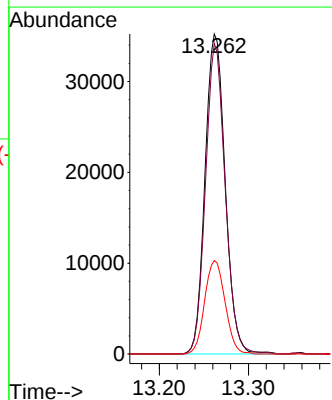
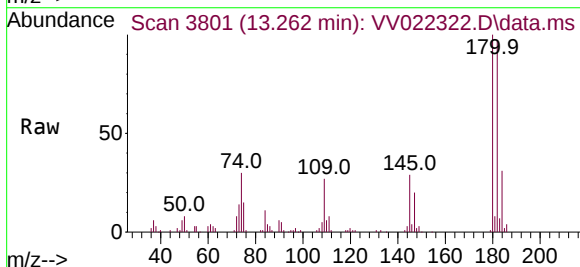
Instrument :
 MSVOA_V
 ClientSampled :

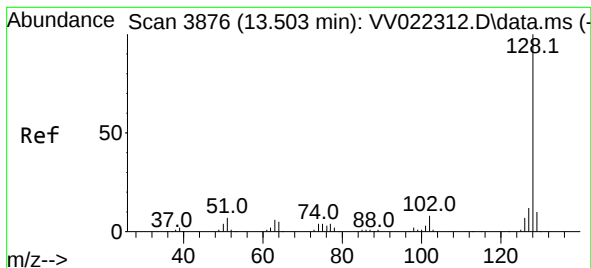
Tgt Ion:180	Resp:	74519
Ion Ratio	Lower	Upper
180	100	
182	95.3	74.6 112.0
184	30.4	24.0 36.0
145	28.6	23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.962 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.003 min
 Lab File: VV022322.D
 Acq: 24 Sep 2021 17:27

Tgt Ion:180	Resp:	55259
Ion Ratio	Lower	Upper
180	100	
182	94.8	73.1 109.7
145	29.6	23.6 35.4

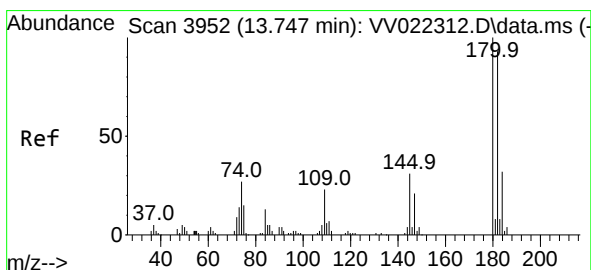
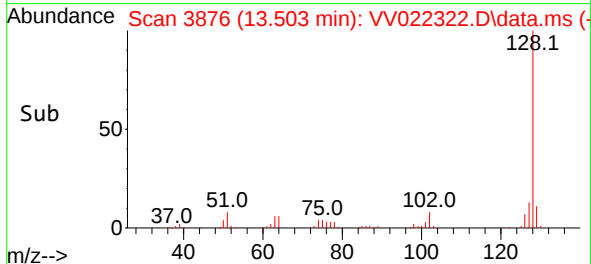
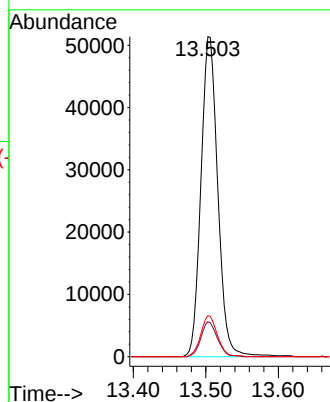
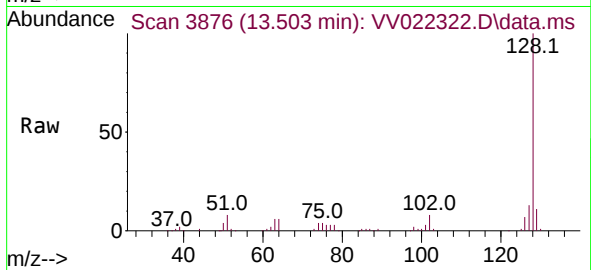




#71
Naphthalene
Concen: 4.093 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	128	Resp:	82823
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.0	13.4
127	12.6	9.9	14.9



#72
1,2,3-Trichlorobenzene
Concen: 4.999 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV022322.D
Acq: 24 Sep 2021 17:27

Tgt Ion:	180	Resp:	52022
Ion Ratio	Lower	Upper	
180	100		
182	92.2	76.9	115.3
145	31.1	26.0	39.0

