

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021782.D
 Acq On : 16 Aug 2021 10:44
 Operator : SY/MD
 Sample : VSTD10041
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 03:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	448931	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	424479	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	235678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	364634	100.323	ug/L	0.00
7) Chloroethane-d5	1.555	69	268848	100.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	567466	86.733	ug/L	0.00
21) 2-Butanone-d5	3.870	46	452798	244.757	ug/L	0.00
24) Chloroform-d	4.346	84	624514	97.072	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	362081	90.646	ug/L	0.00
32) Benzene-d6	5.047	84	1273137	111.885	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	395807	115.007	ug/L	0.00
41) Toluene-d8	7.317	98	1183116	108.949	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	199331	108.554	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	284330	219.237	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	516808	103.270	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	487619	104.778	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	342685	78.564	ug/L	100
3) Chloromethane	1.240	50	347287	89.302	ug/L	99
5) Vinyl chloride	1.307	62	344699	87.498	ug/L	99
6) Bromomethane	1.503	94	214673	80.914	ug/L	99
8) Chloroethane	1.574	64	203206	86.396	ug/L	100
9) Trichlorofluoromethane	1.745	101	478131	71.344	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	277212	81.103	ug/L	100
12) 1,1-Dichloroethene	2.111	96	259079	82.924	ug/L	90
13) Acetone	2.156	43	401828	226.224	ug/L	# 100
14) Carbon disulfide	2.288	76	910977	101.099	ug/L	100
15) Methyl Acetate	2.423	43	343825	115.764	ug/L	99
16) Methylene chloride	2.503	84	338940	98.541	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	320473	101.927	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	989456	102.444	ug/L	99
19) 1,1-Dichloroethane	3.188	63	563167	99.413	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	353602	104.588	ug/L	97
22) 2-Butanone	3.950	43	511933	240.450	ug/L	97
23) Bromochloromethane	4.243	128	186336	97.317	ug/L	98
25) Chloroform	4.371	83	571906	91.481	ug/L	98
27) 1,2-Dichloroethane	5.130	62	410711	84.099	ug/L	100
29) Cyclohexane	4.677	56	518793	114.524	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	516998	91.310	ug/L	99
31) Carbon tetrachloride	4.828	117	457536	88.839	ug/L	100
33) Benzene	5.098	78	1280709	104.717	ug/L	100
34) Trichloroethene	5.912	95	350447	103.559	ug/L	100
35) Methylcyclohexane	6.130	83	550170	109.031	ug/L	99
37) 1,2-Dichloropropane	6.172	63	324418	107.912	ug/L	100
38) Bromodichloromethane	6.510	83	437250	96.322	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	537980	111.275	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	886946	237.046	ug/L	99
42) Toluene	7.387	91	1376593	103.844	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	509731	103.096	ug/L	99

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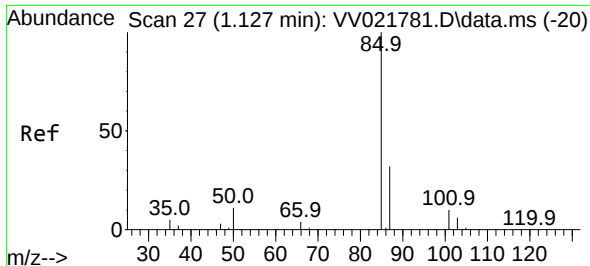
Quant Time: Aug 17 03:52:05 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	322450	99.844	ug/L	99
46) Tetrachloroethene	7.976	164	276470	94.304	ug/L	98
48) 2-Hexanone	8.140	43	696514	238.067	ug/L	98
49) Dibromochloromethane	8.246	129	373057	96.136	ug/L	100
50) 1,2-Dibromoethane	8.352	107	353049	101.304	ug/L	99
51) Chlorobenzene	8.883	112	892908	98.344	ug/L	99
52) Ethylbenzene	9.014	91	1488898	102.254	ug/L	100
53) m,p-Xylene	9.140	106	582118	104.936	ug/L	100
54) o-Xylene	9.545	106	567390	103.608	ug/L	100
55) Styrene	9.561	104	982056	106.478	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	485962	96.762	ug/L	99
59) Bromoform	9.731	173	283153	96.304	ug/L	100
60) Isopropylbenzene	9.934	105	1506110	103.564	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	394359	96.270	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	1288708	104.769	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1318619	107.025	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	734626	101.982	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	734673	99.532	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	735019	98.874	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	109166	92.153	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	566197	102.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	489003	107.268	ug/L	99
71) Naphthalene	13.503	128	1465314	115.142	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	476557	103.727	ug/L	100

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

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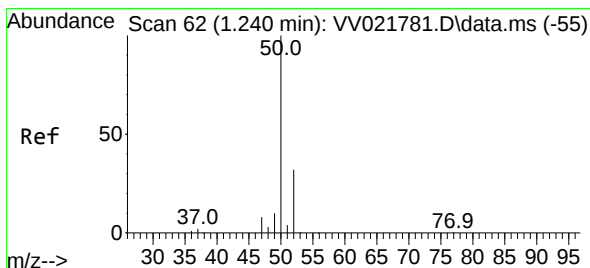
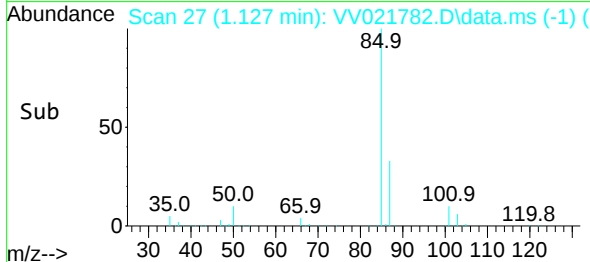
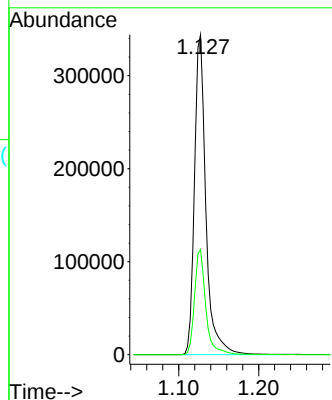
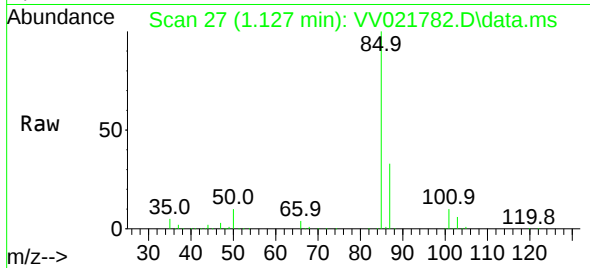




#2
 Dichlorodifluoromethane
 Concen: 78.564 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

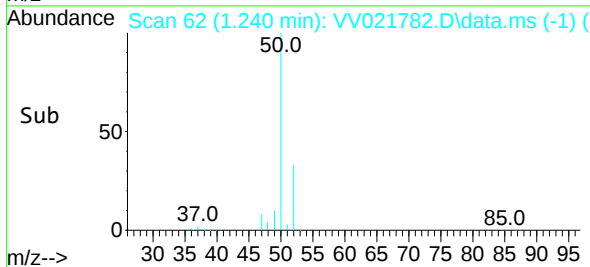
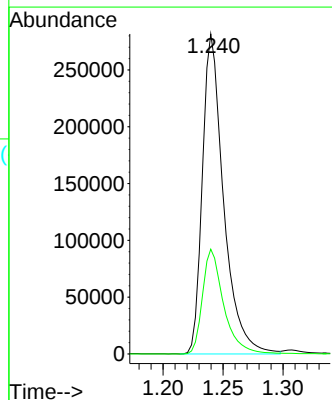
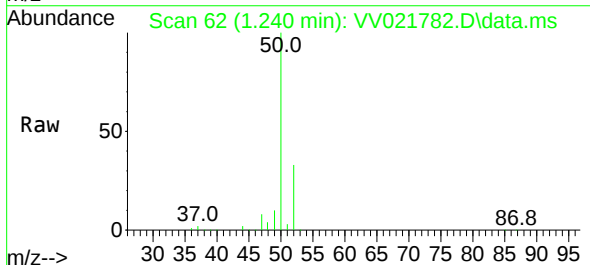
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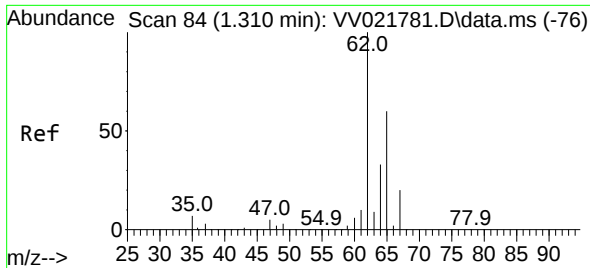
Tgt Ion: 85 Resp: 342685
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 89.302 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

Tgt Ion: 50 Resp: 347287
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1

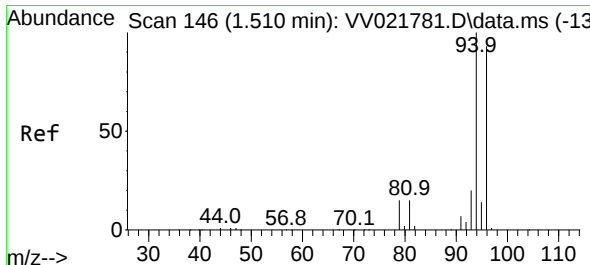
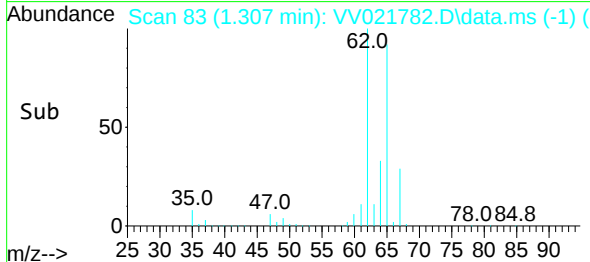
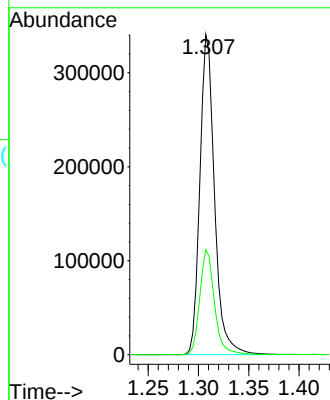
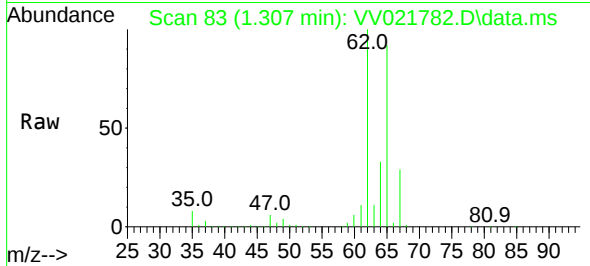




#5
 Vinyl chloride
 Concen: 87.498 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

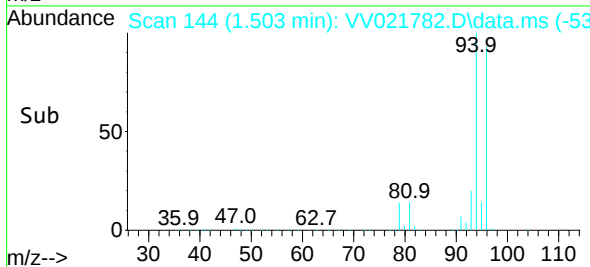
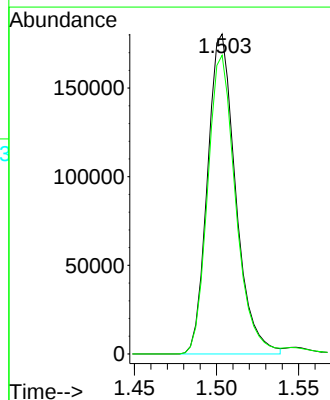
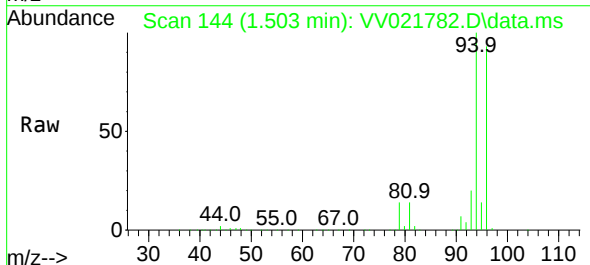
Instrument :
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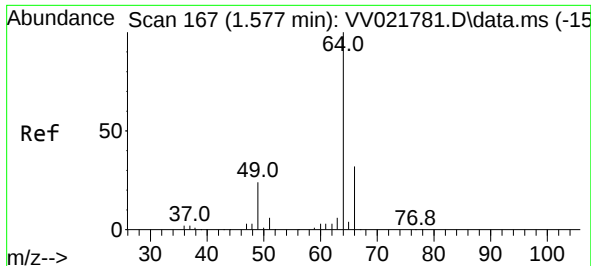
Tgt Ion: 62 Resp: 344699
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 80.914 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

Tgt Ion: 94 Resp: 214673
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.8 120.3

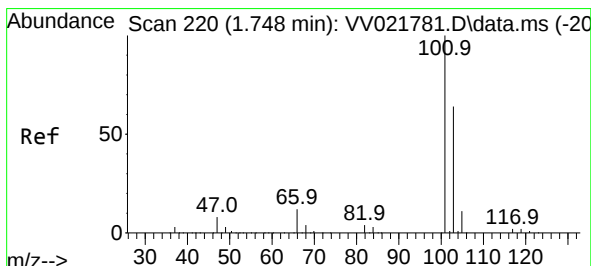
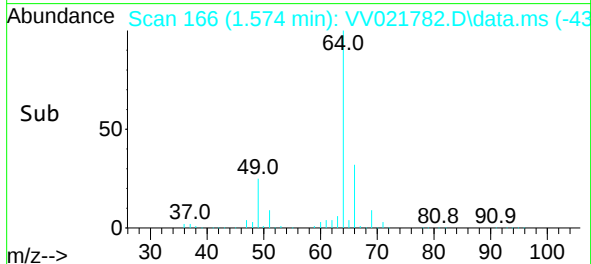
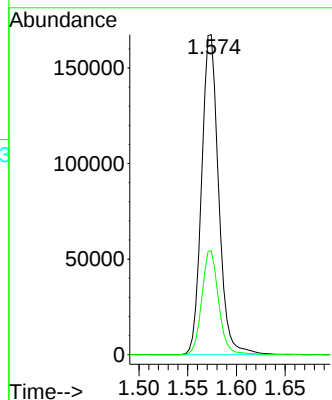
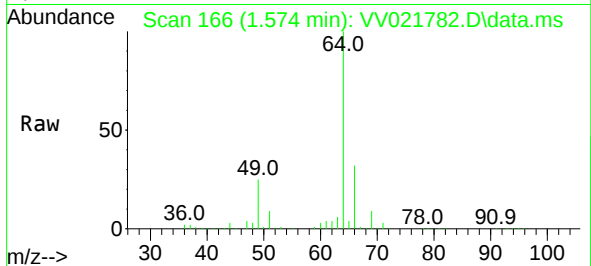




#8
Chloroethane
Concen: 86.396 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

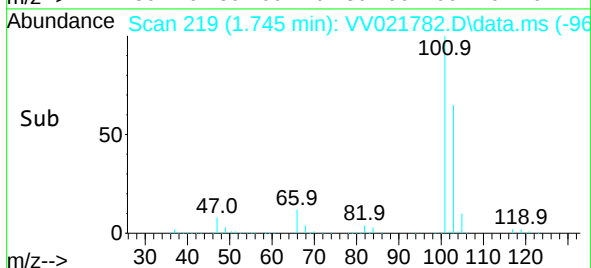
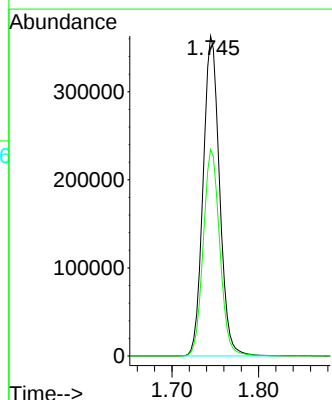
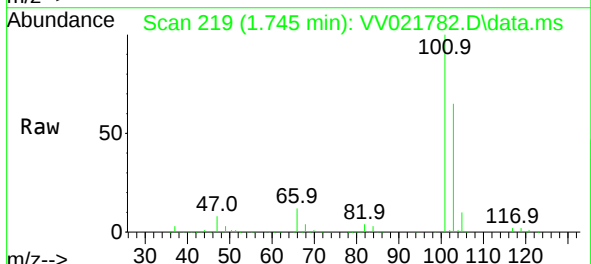
Instrument :
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ClientSampled :

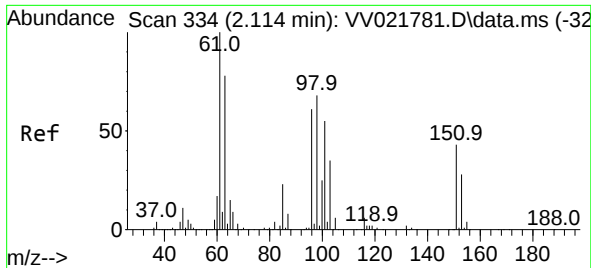
Tgt Ion: 64 Resp: 203206
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 71.344 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:101 Resp: 478131
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

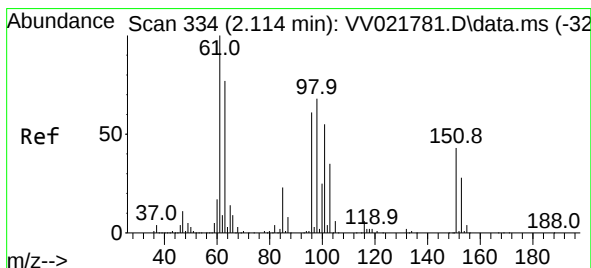
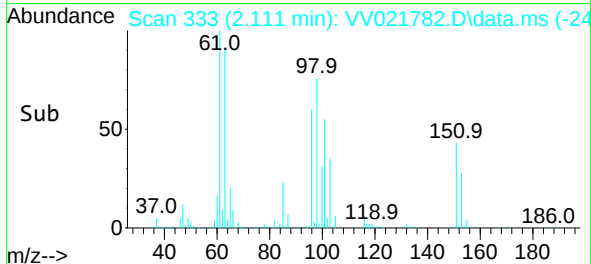
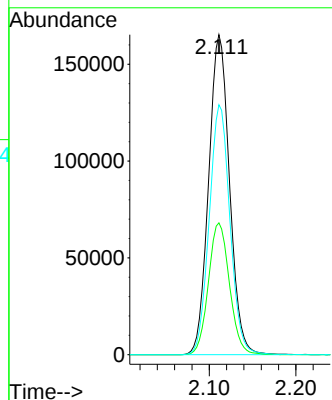
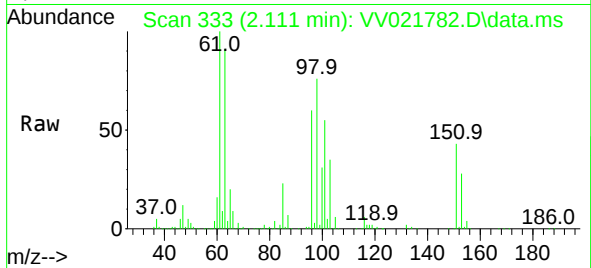




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 81.103 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

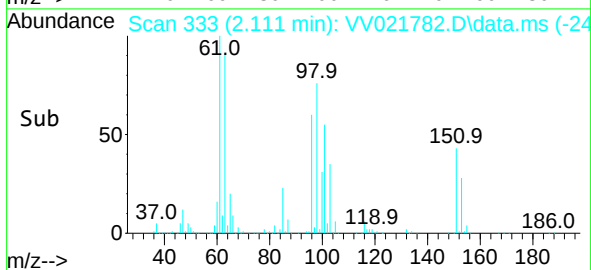
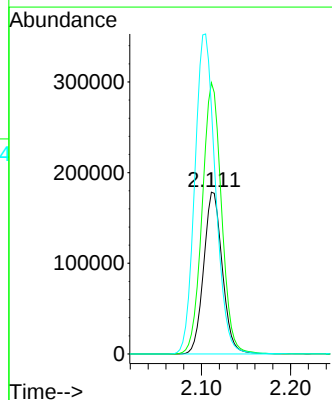
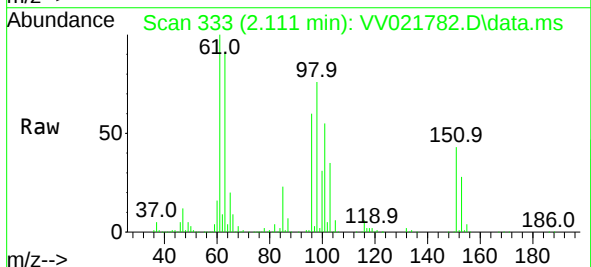
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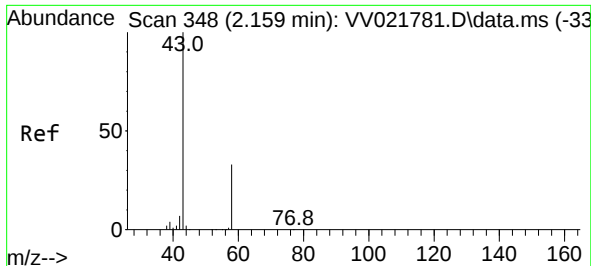
Tgt Ion:101 Resp: 277212
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.4 50.2
 151 77.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 82.924 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

Tgt Ion: 96 Resp: 259079
 Ion Ratio Lower Upper
 96 100
 61 167.6 115.5 214.5
 63 152.5 90.3 167.7

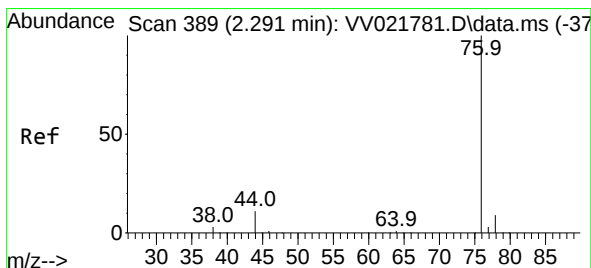
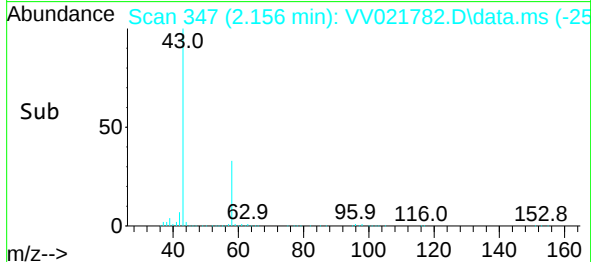
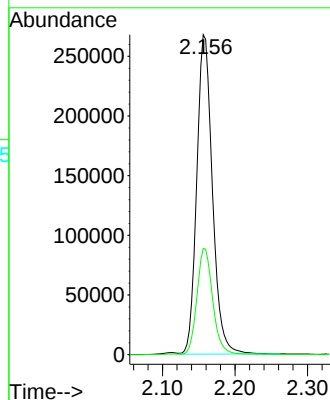
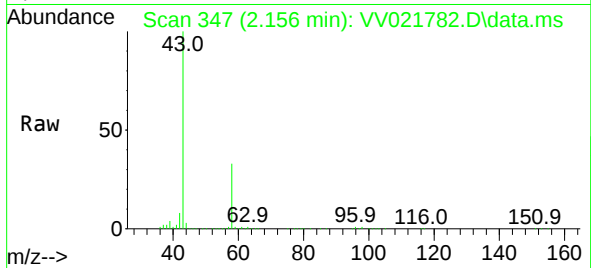




#13
Acetone
Concen: 226.224 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

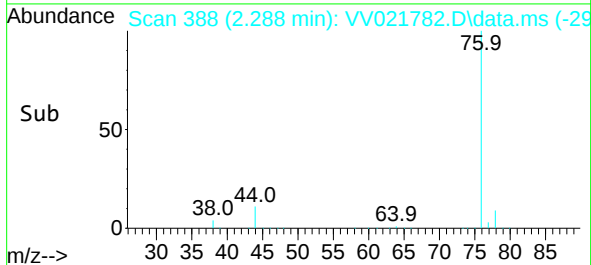
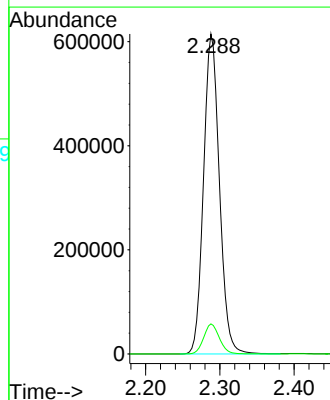
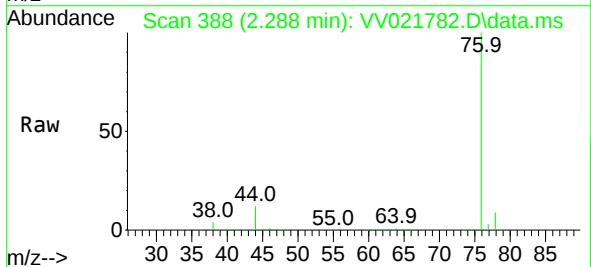
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ClientSampled :

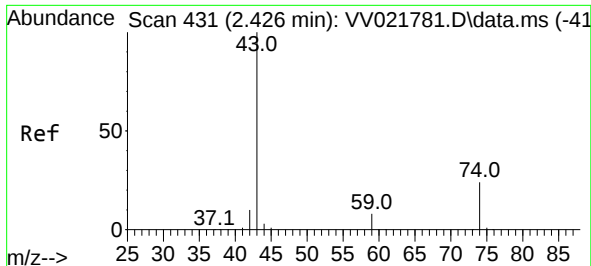
Tgt Ion: 43 Resp: 401828
Ion Ratio Lower Upper
43 100
58 33.1 0.0 0.0#



#14
Carbon disulfide
Concen: 101.099 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 76 Resp: 910977
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

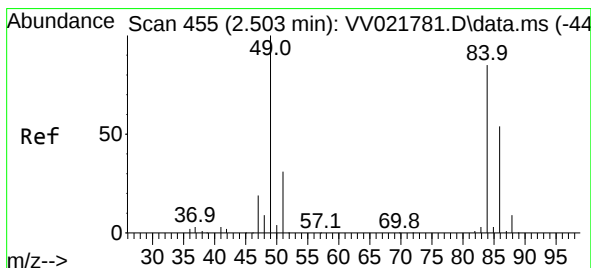
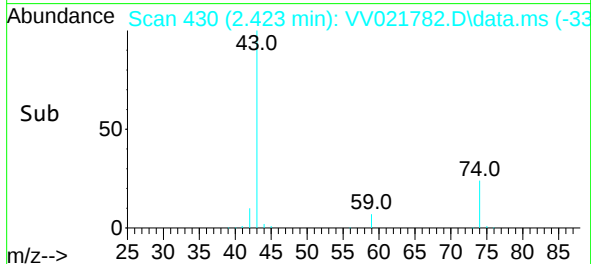
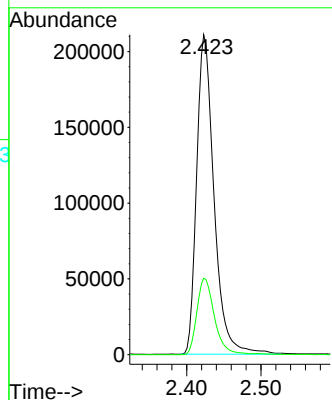
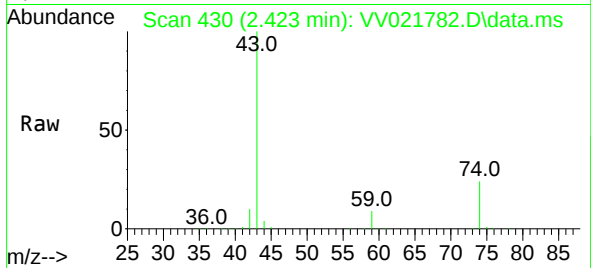




#15
Methyl Acetate
Concen: 115.764 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

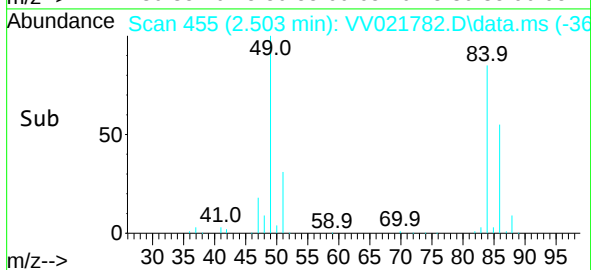
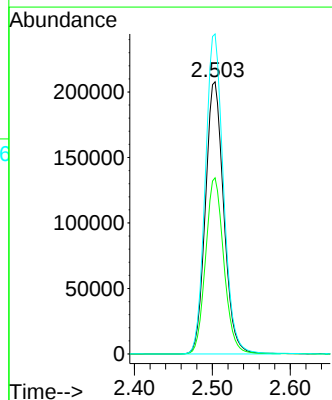
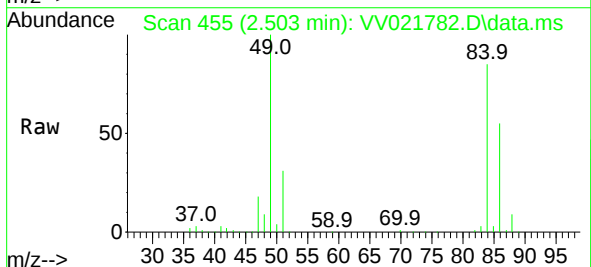
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MSVOA_V
ClientSampled :

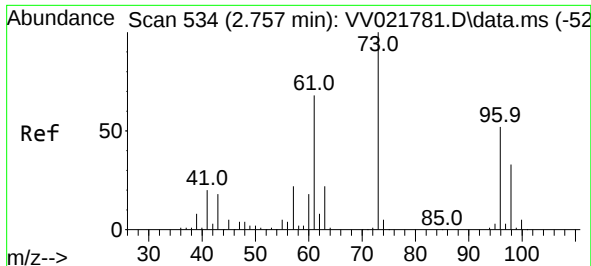
Tgt Ion: 43 Resp: 343825
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#16
Methylene chloride
Concen: 98.541 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 84 Resp: 338940
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 117.6 82.5 153.3

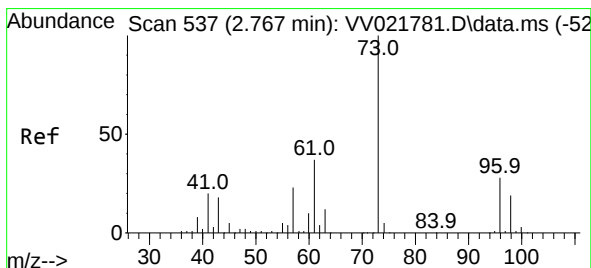
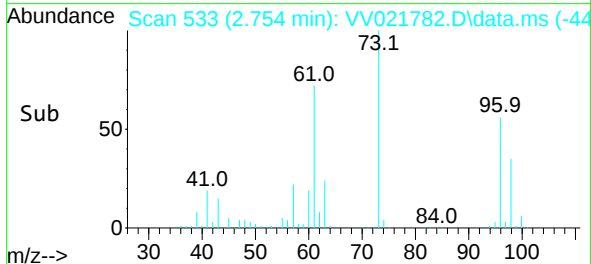
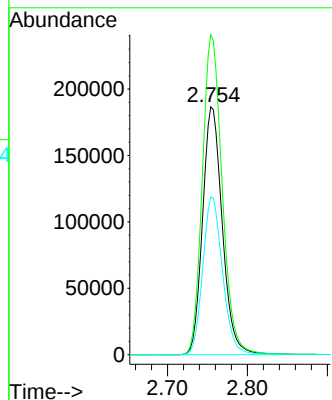
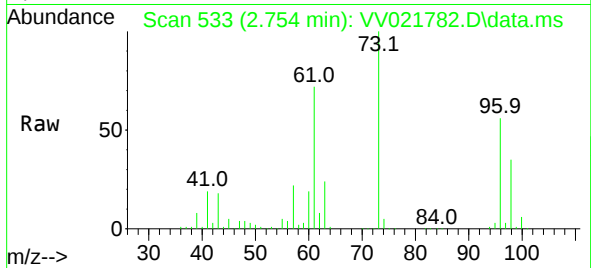




#17
trans-1,2-Dichloroethene
Concen: 101.927 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

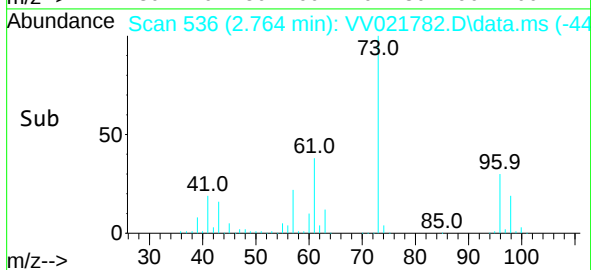
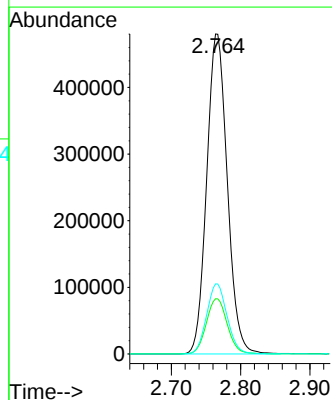
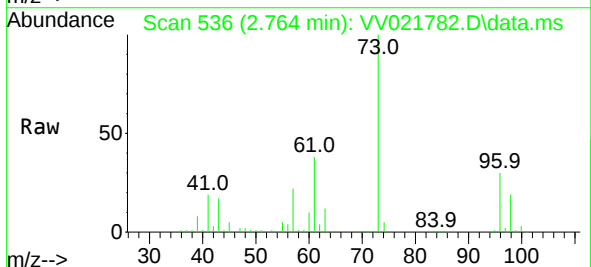
Instrument :
MSVOA_V
ClientSampleId :

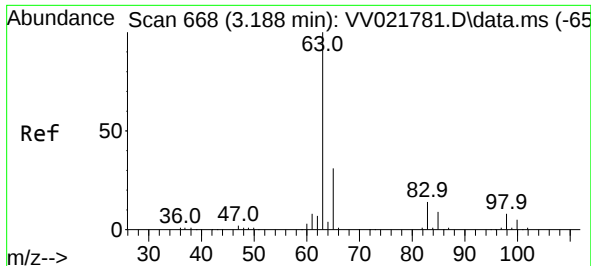
Tgt Ion: 96 Resp: 320473
Ion Ratio Lower Upper
96 100
61 129.2 90.4 168.0
98 63.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 102.444 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 73 Resp: 989456
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 99.413 ug/L

RT: 3.188 min Scan# 668

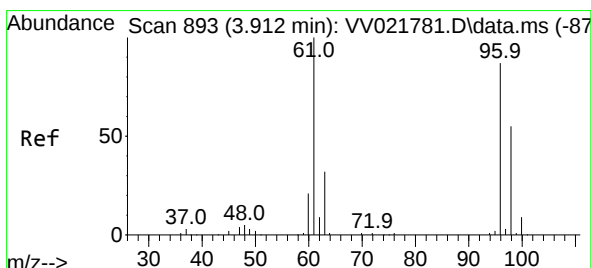
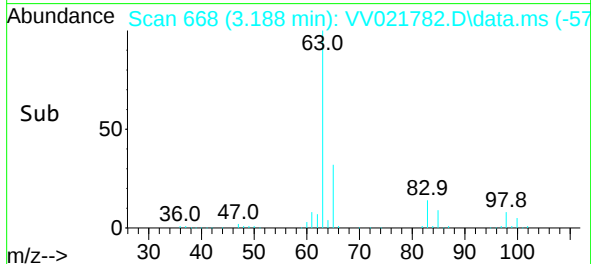
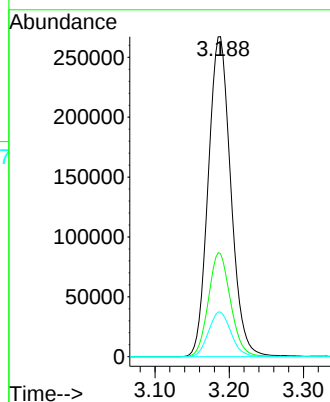
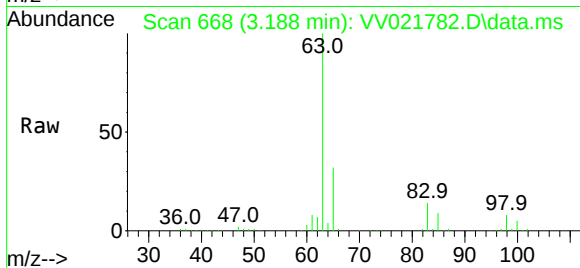
Delta R.T. 0.000 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

Tgt Ion: 63 Resp: 563167

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.8	40.6
83	14.0	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 104.588 ug/L

RT: 3.908 min Scan# 892

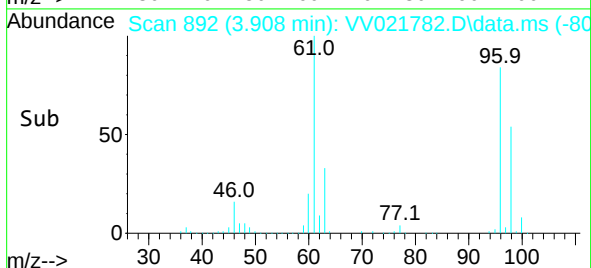
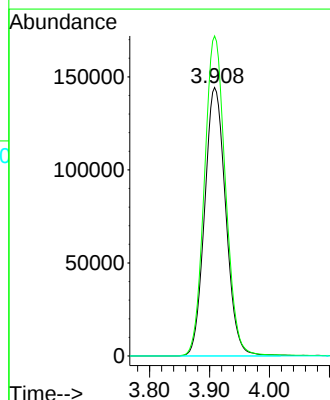
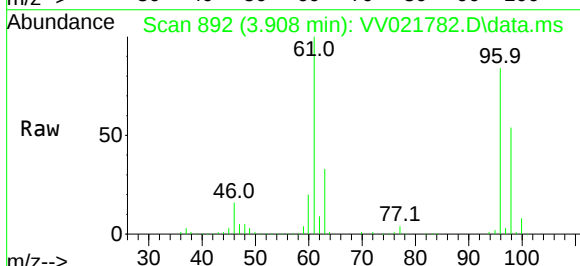
Delta R.T. -0.003 min

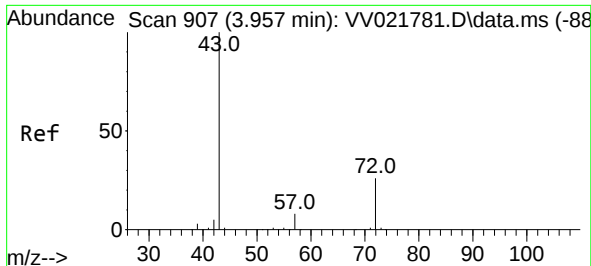
Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

Tgt Ion: 96 Resp: 353602

Ion	Ratio	Lower	Upper
96	100		
61	119.2	81.0	150.4
68	0.0	0.0	0.0

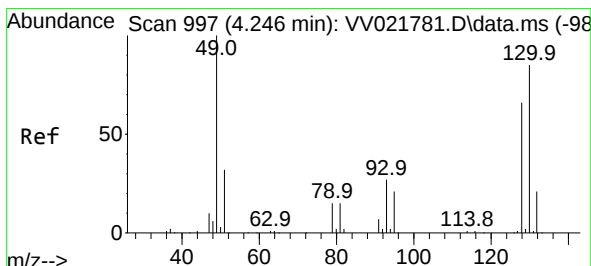
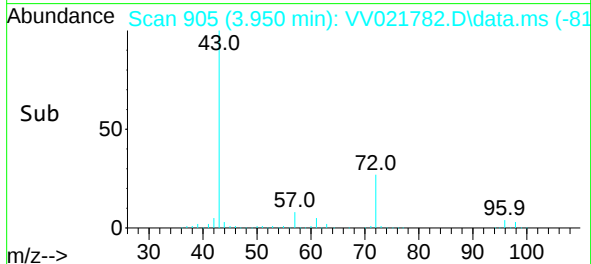
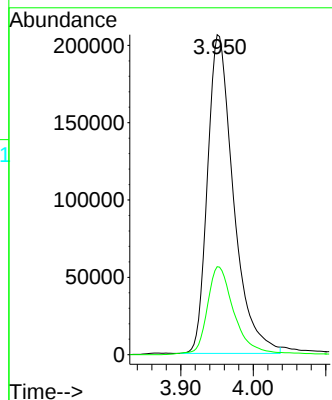
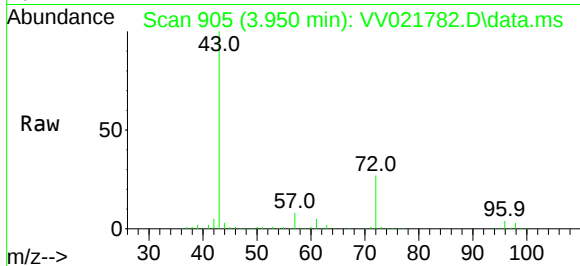




#22
2-Butanone
Concen: 240.450 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

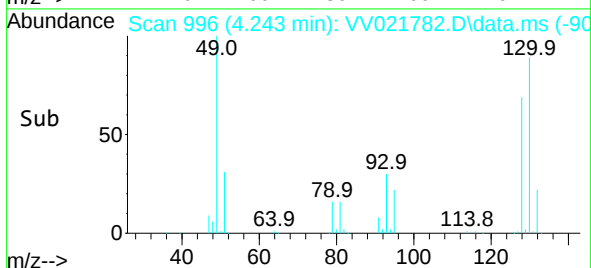
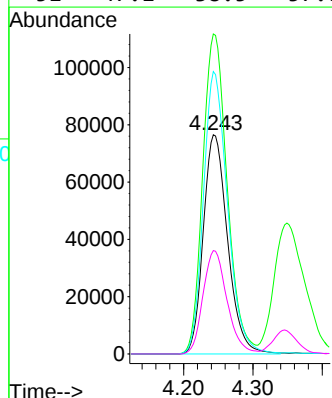
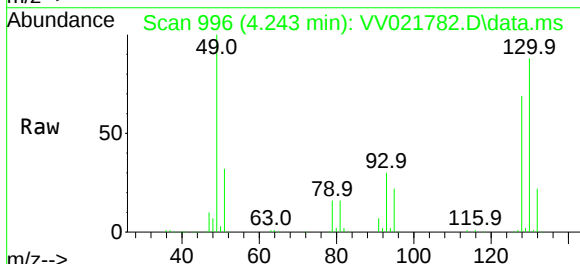
Instrument :
MSVOA_V
ClientSampled :

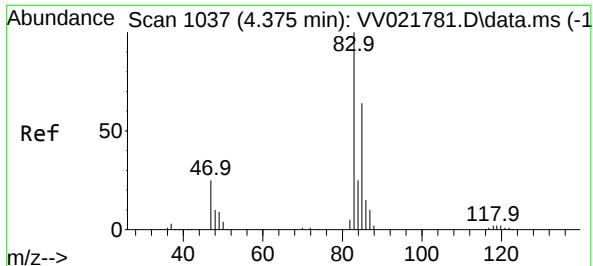
Tgt Ion: 43 Resp: 511933
Ion Ratio Lower Upper
43 100
72 28.7 13.6 40.8



#23
Bromochloromethane
Concen: 97.317 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:128 Resp: 186336
Ion Ratio Lower Upper
128 100
49 145.9 105.6 196.0
130 128.8 89.5 166.1
51 47.1 38.5 57.7





#25

Chloroform

Concen: 91.481 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021782.D

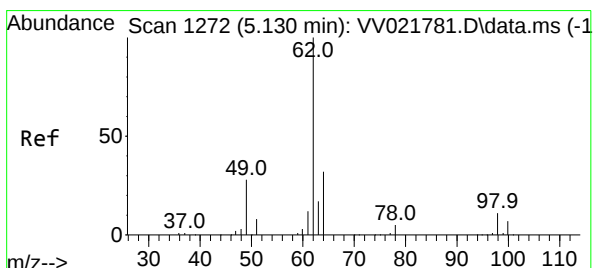
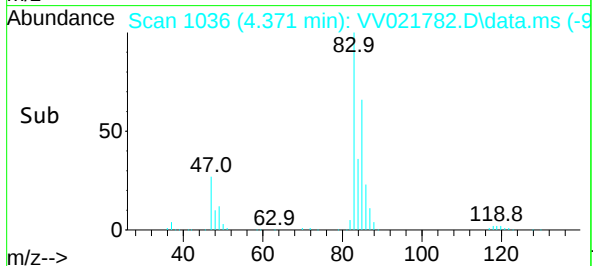
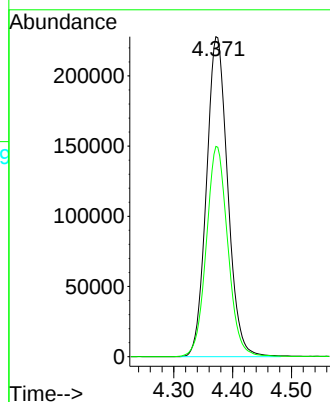
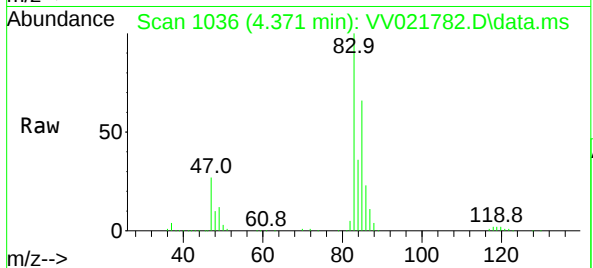
Acq: 16 Aug 2021 10:44

Tgt Ion: 83 Resp: 571906

Ion Ratio Lower Upper

83 100

85 65.7 44.8 83.2



#27

1,2-Dichloroethane

Concen: 84.099 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021782.D

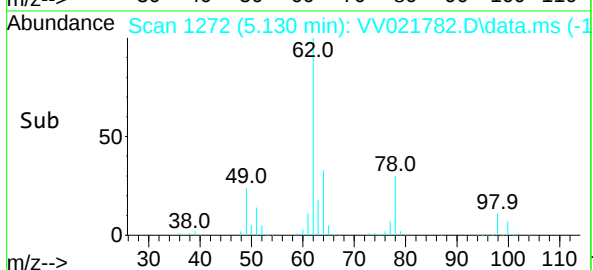
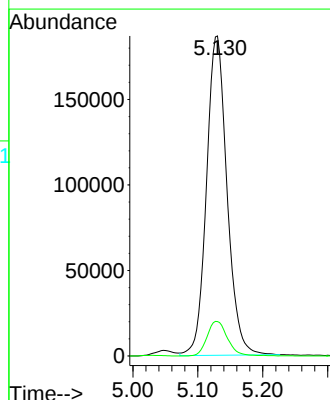
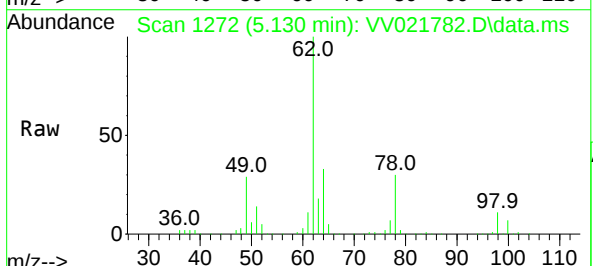
Acq: 16 Aug 2021 10:44

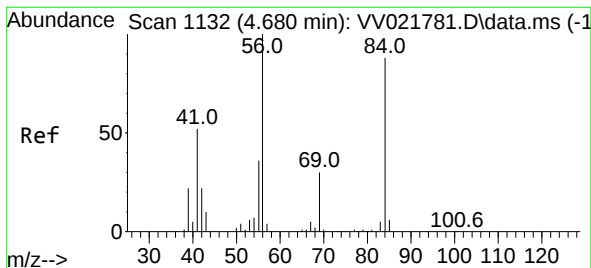
Tgt Ion: 62 Resp: 410711

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 114.524 ug/L

RT: 4.677 min Scan# 1131

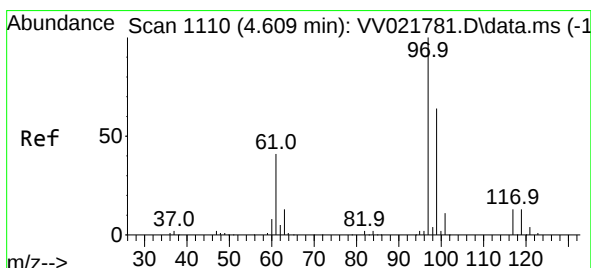
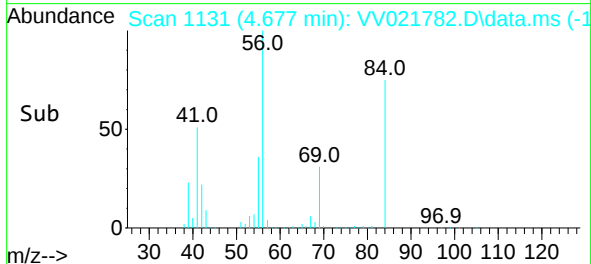
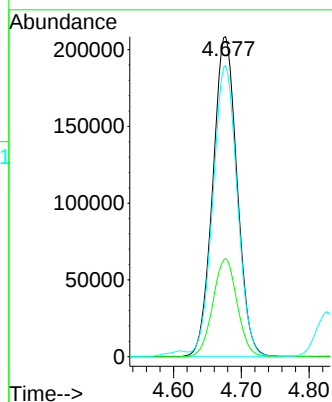
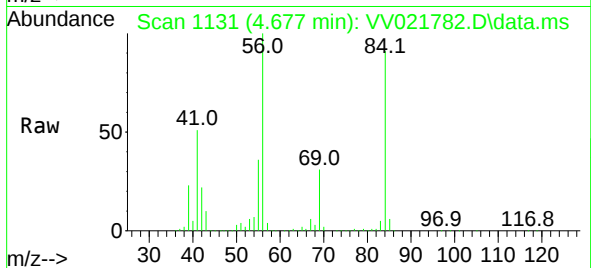
Delta R.T. -0.003 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

Tgt Ion:	56	Resp:	518793
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.9	37.3
84	91.3	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 91.310 ug/L

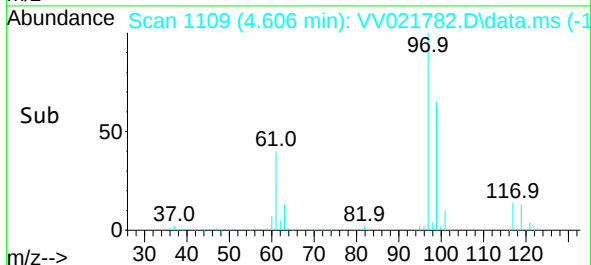
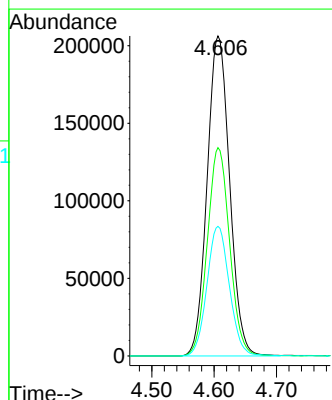
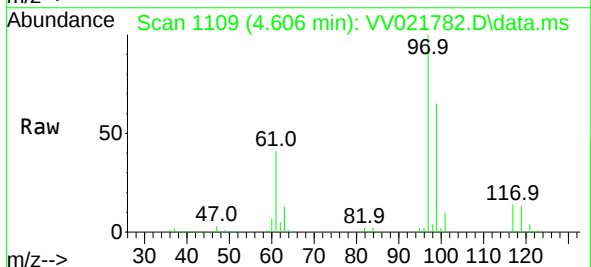
RT: 4.606 min Scan# 1109

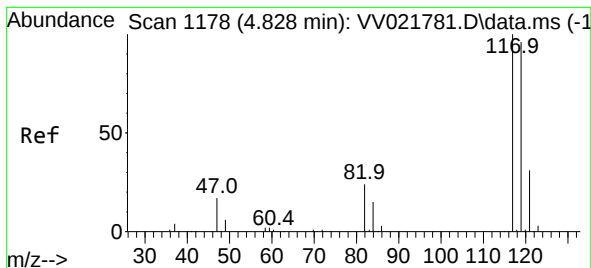
Delta R.T. -0.003 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

Tgt Ion:	97	Resp:	516998
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	40.6	32.3	48.5

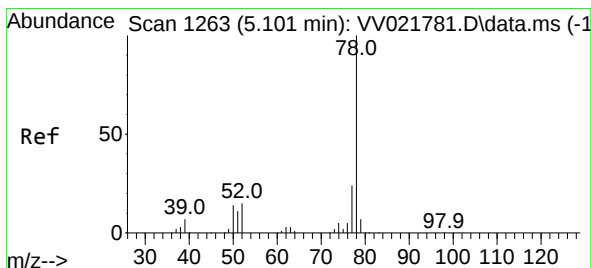
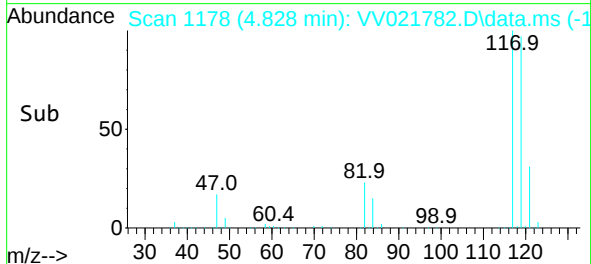
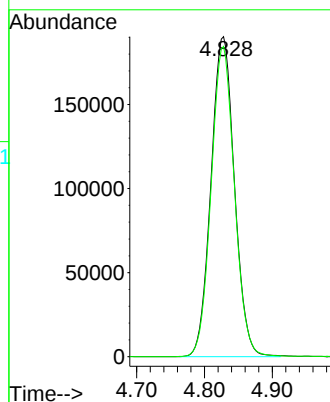
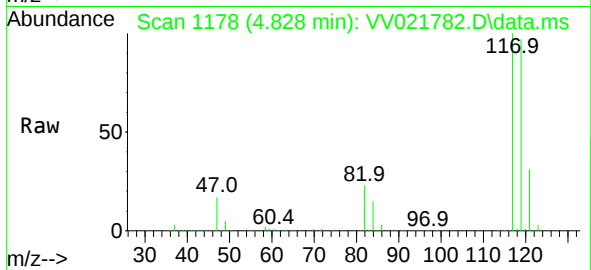




#31
Carbon tetrachloride
Concen: 88.839 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

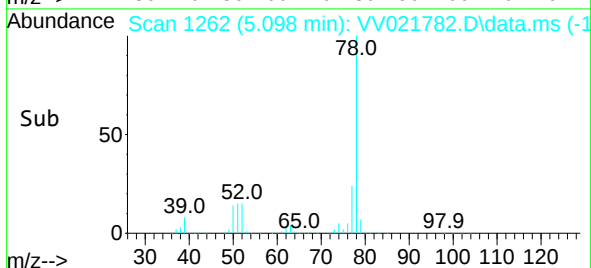
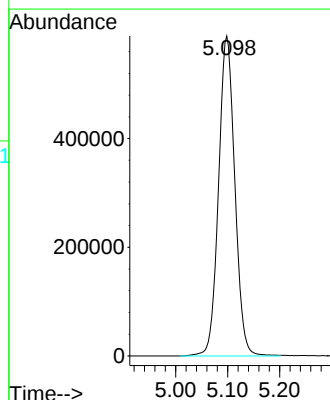
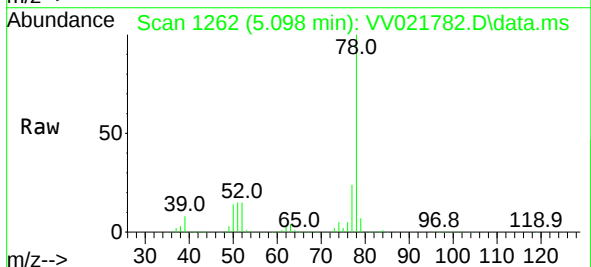
Instrument :
MSVOA_V
ClientSampled :

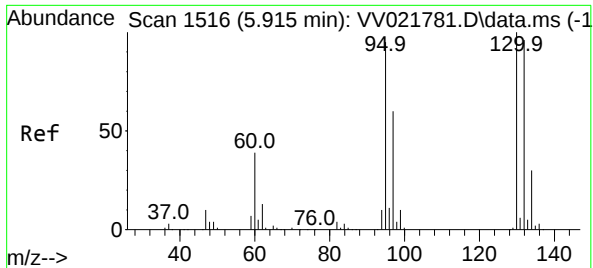
Tgt Ion:117 Resp: 457536
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 104.717 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 78 Resp: 1280709





#34

Trichloroethene

Concen: 103.559 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

Tgt Ion: 95 Resp: 350447

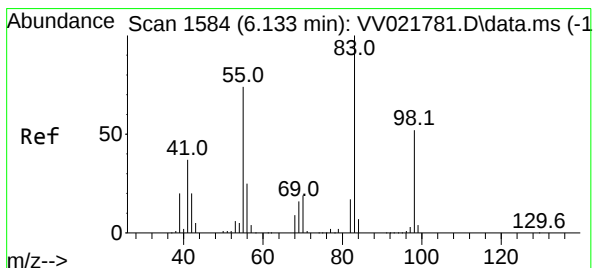
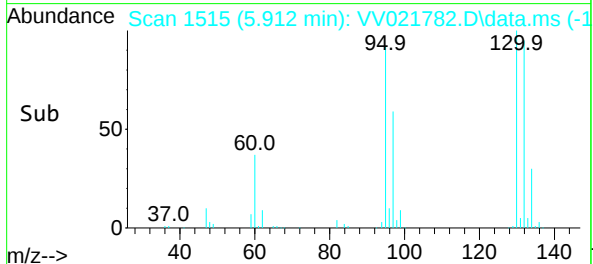
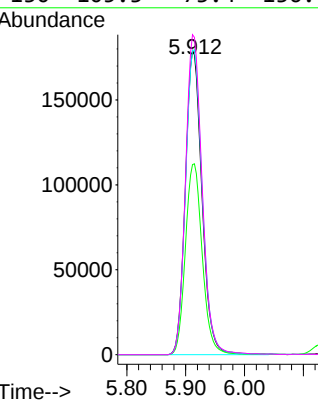
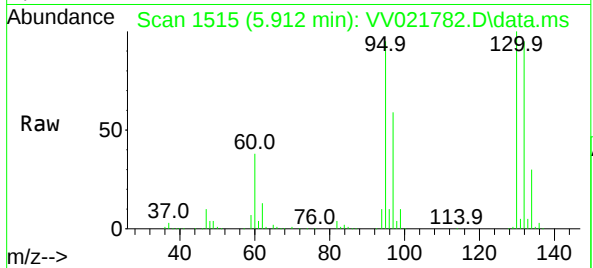
Ion Ratio Lower Upper

95 100

97 62.6 44.1 81.9

132 100.1 70.2 130.4

130 105.3 73.4 136.4



#35

Methylcyclohexane

Concen: 109.031 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

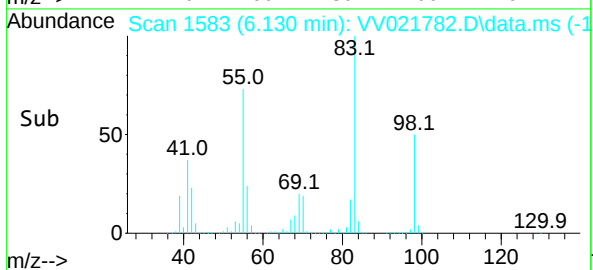
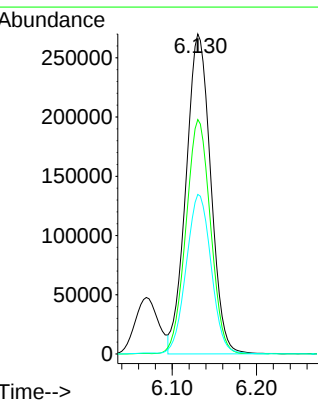
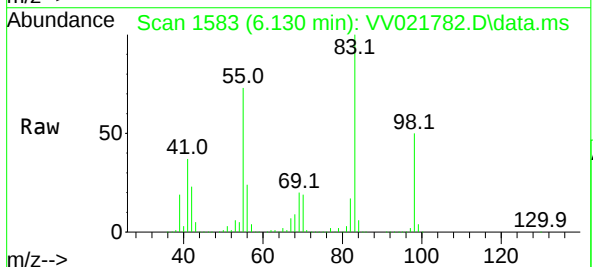
Tgt Ion: 83 Resp: 550170

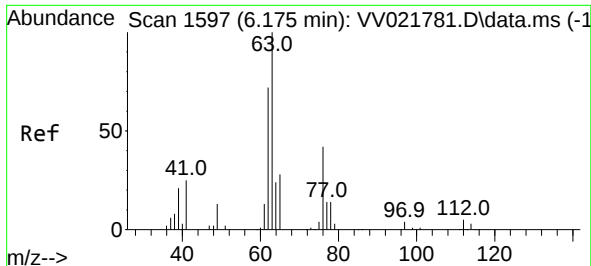
Ion Ratio Lower Upper

83 100

55 72.8 57.9 86.9

98 50.5 39.9 59.9



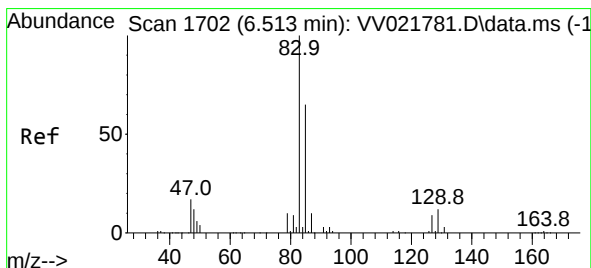
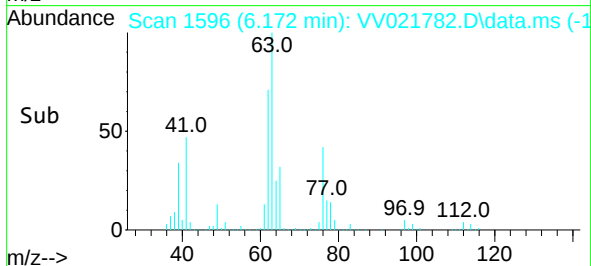
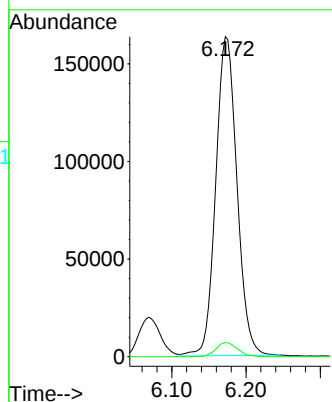
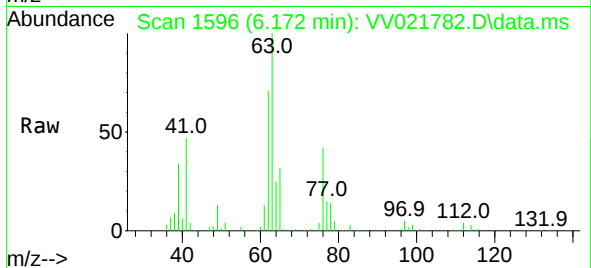


#37

1,2-Dichloropropane
Concen: 107.912 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Instrument :
MSVOA_V
ClientSampled :

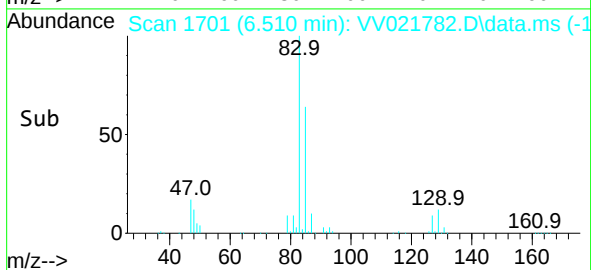
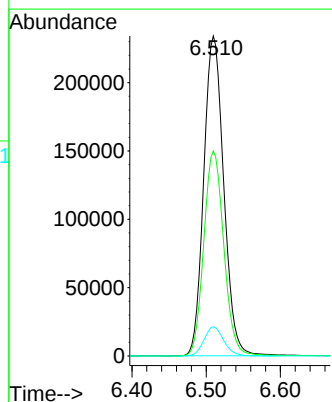
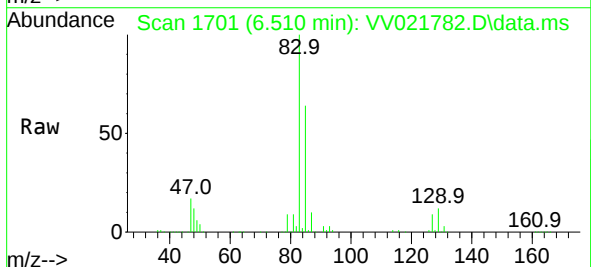
Tgt Ion: 63 Resp: 324418
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6

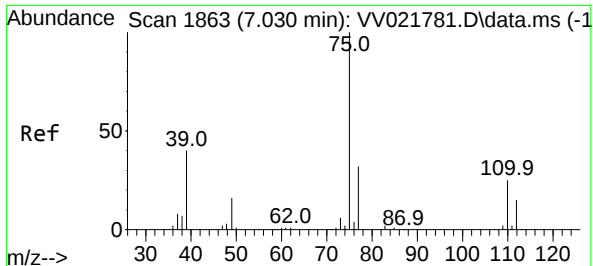


#38

Bromodichloromethane
Concen: 96.322 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 83 Resp: 437250
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9
127 9.2 7.4 11.2

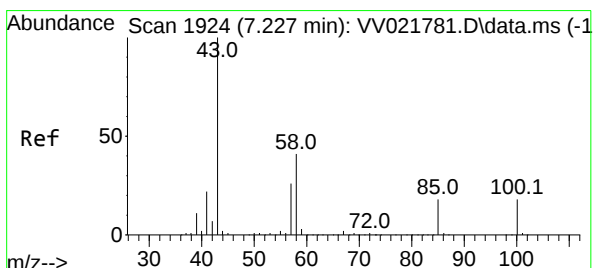
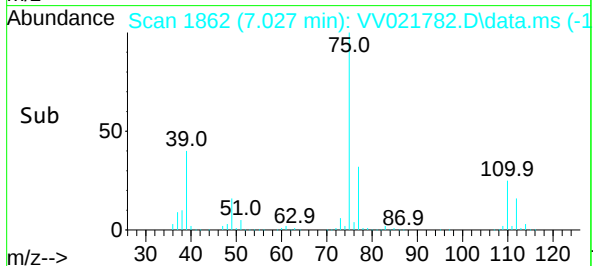
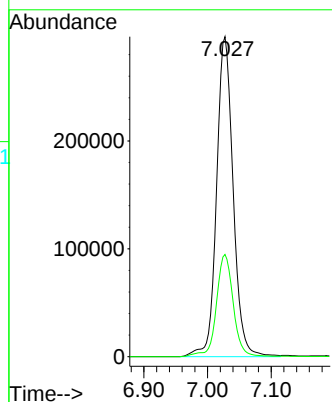
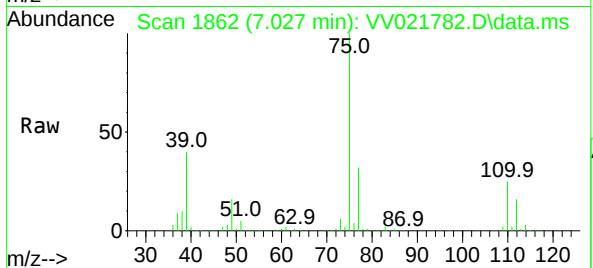




#39
cis-1,3-Dichloropropene
Concen: 111.275 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

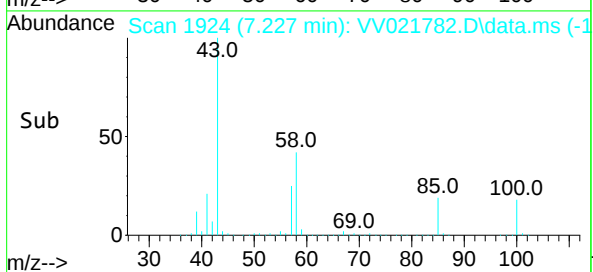
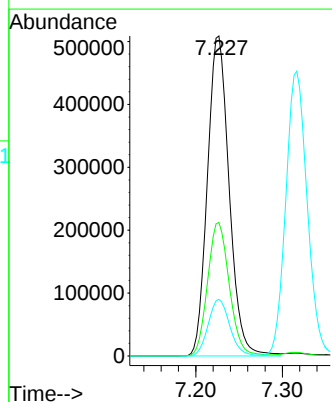
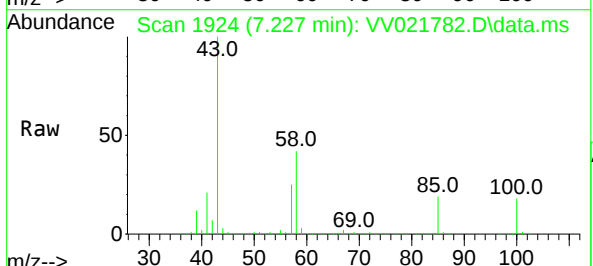
Instrument :
MSVOA_V
ClientSampled :

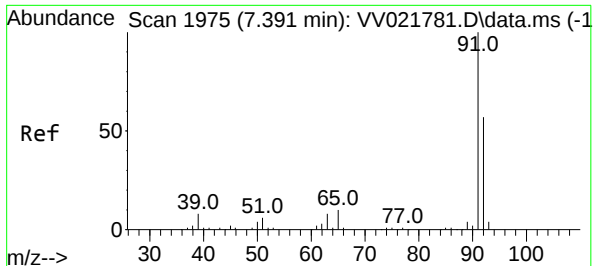
Tgt Ion: 75 Resp: 537980
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 237.046 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 43 Resp: 886946
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3
100 17.6 14.0 21.0

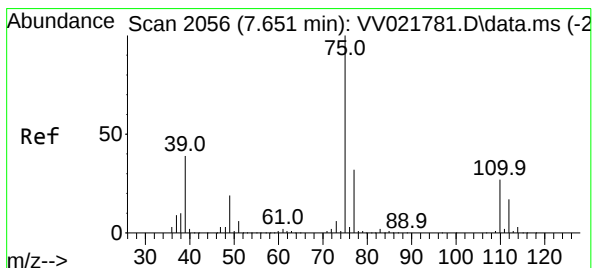
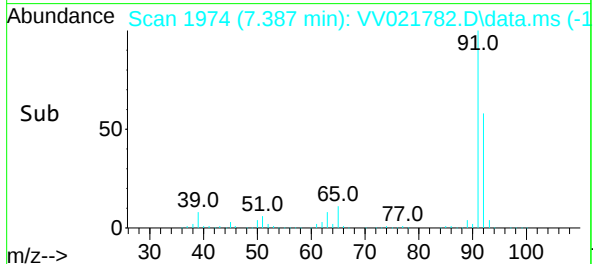
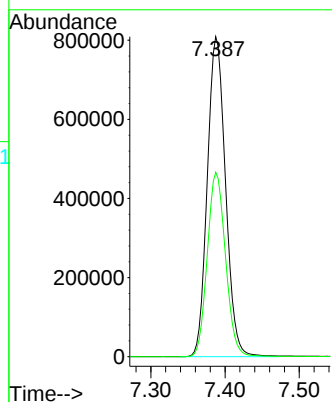
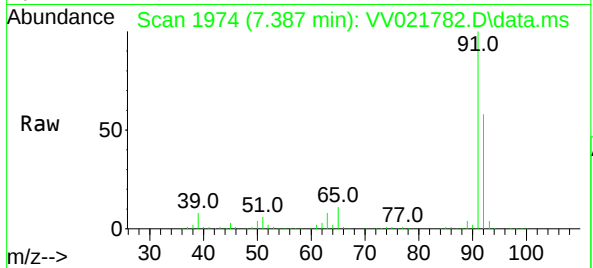




#42
Toluene
Concen: 103.844 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

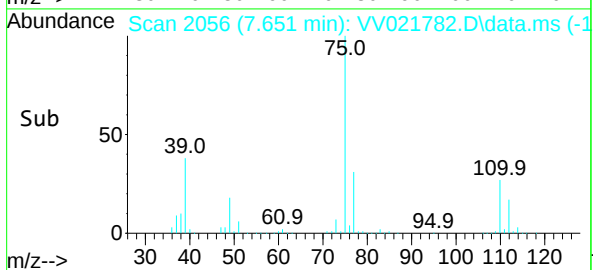
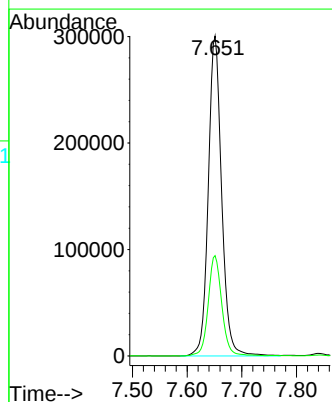
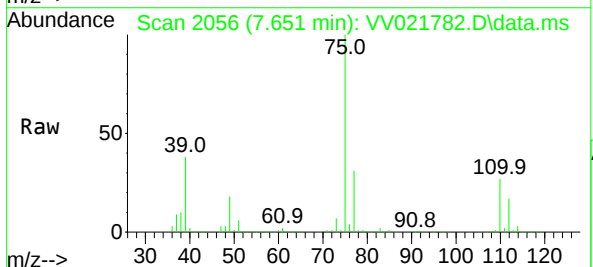
Instrument :
MSVOA_V
ClientSampled :

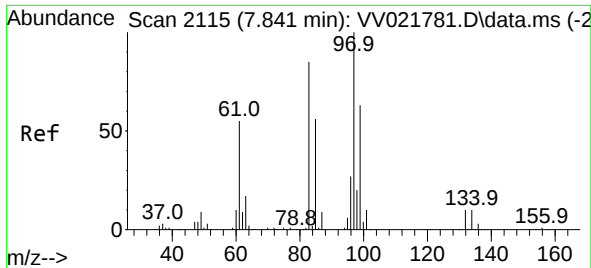
Tgt Ion: 91 Resp: 1376593
Ion Ratio Lower Upper
91 100
92 57.6 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 103.096 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 75 Resp: 509731
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2





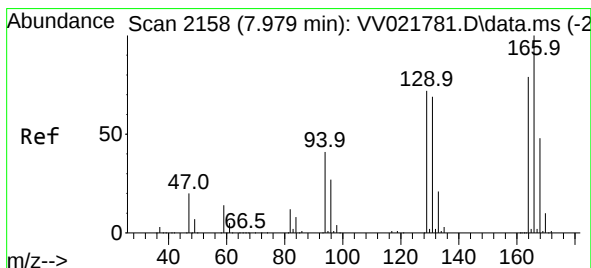
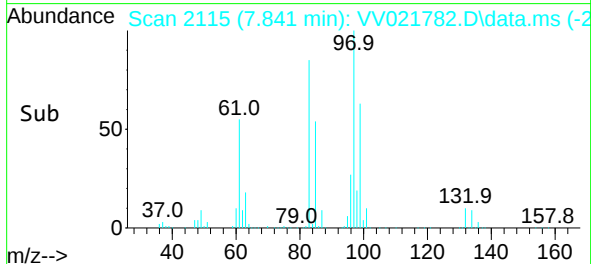
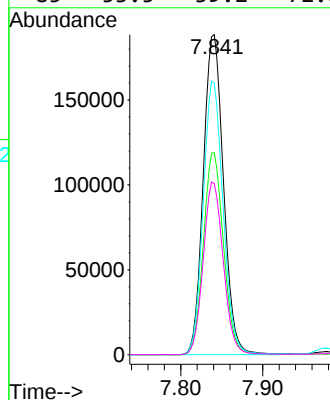
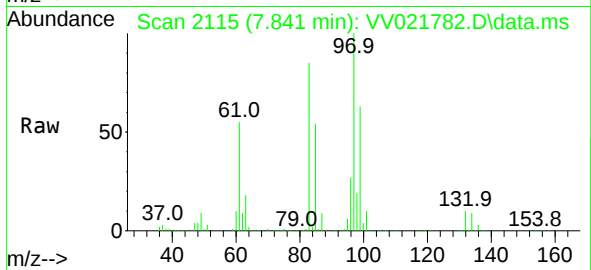
#45

1,1,2-Trichloroethane
Concen: 99.844 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 322450

Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.2	82.0
83	85.0	59.2	110.0
85	53.5	39.2	72.8

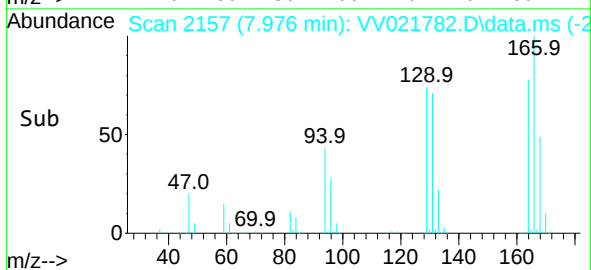
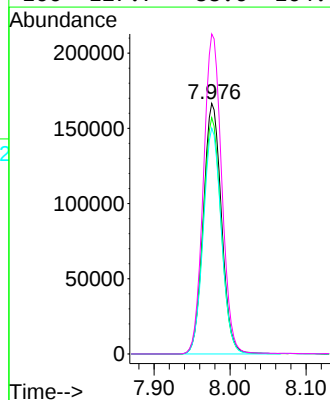
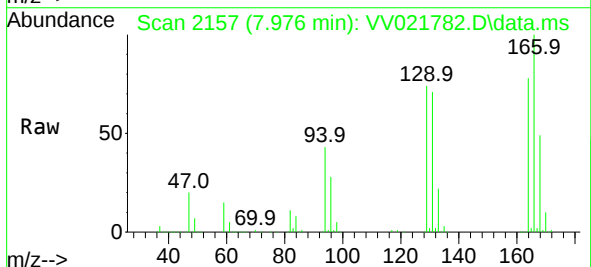


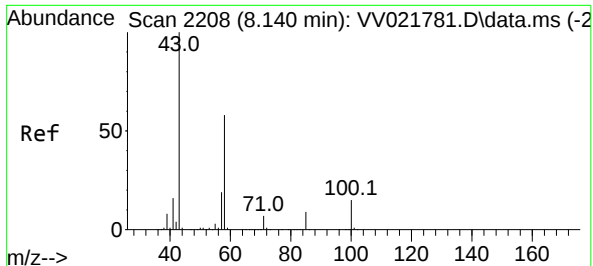
#46

Tetrachloroethene
Concen: 94.304 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 164 Resp: 276470

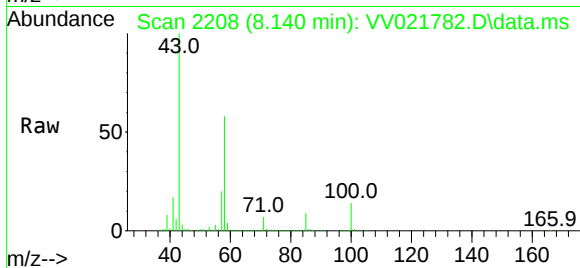
Ion	Ratio	Lower	Upper
164	100		
129	94.3	63.7	118.3
131	90.2	61.5	114.3
166	127.7	88.6	164.6



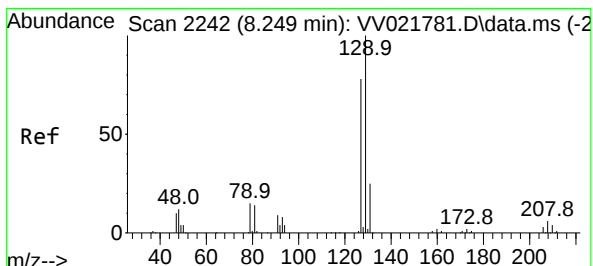
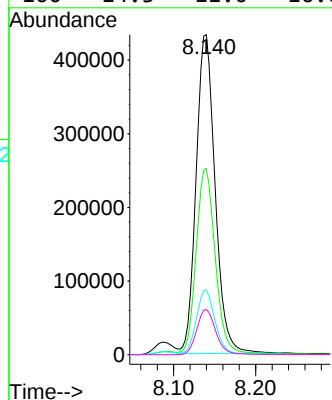
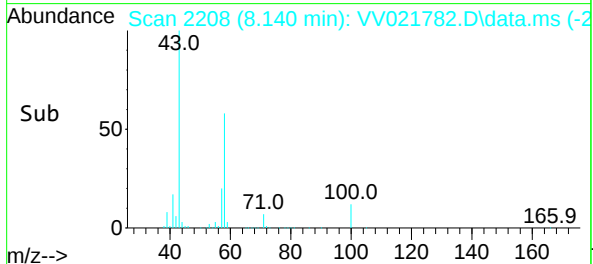


#48
2-Hexanone
Concen: 238.067 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

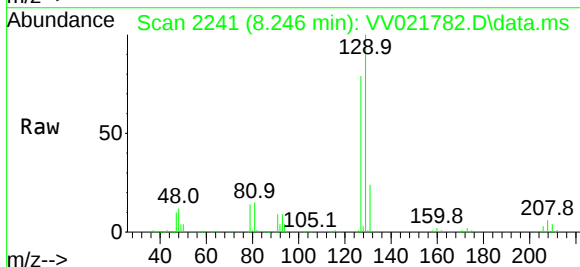
Instrument :
MSVOA_V
ClientSampled :



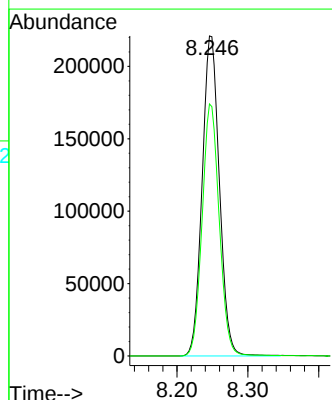
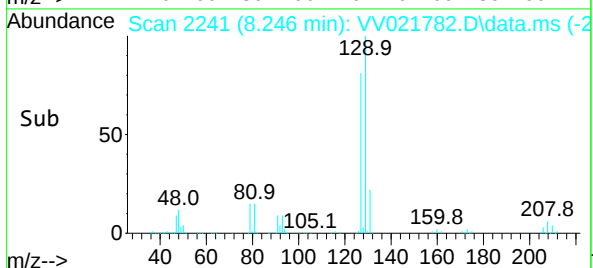
Tgt Ion: 43 Resp: 696514
Ion Ratio Lower Upper
43 100
58 58.9 45.4 68.2
57 19.9 15.3 22.9
100 14.3 11.0 16.6

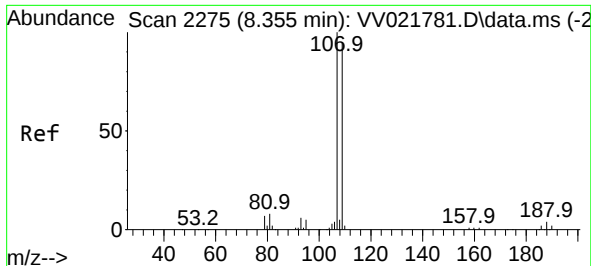


#49
Dibromochloromethane
Concen: 96.136 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44



Tgt Ion: 129 Resp: 373057
Ion Ratio Lower Upper
129 100
127 78.7 54.9 101.9

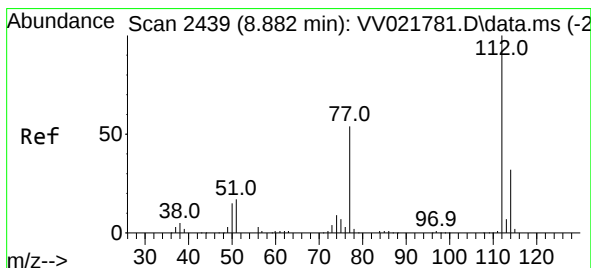
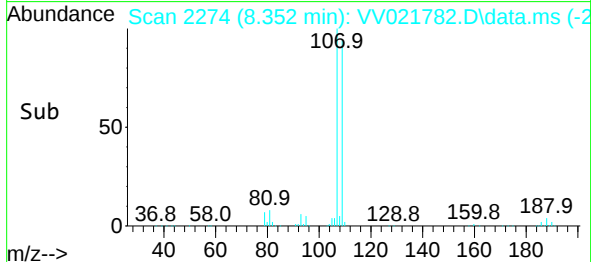
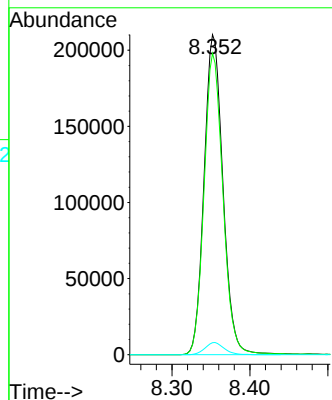
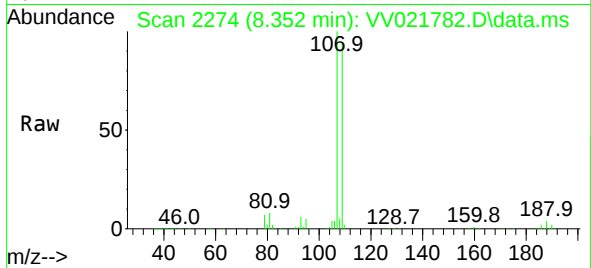




#50
1,2-Dibromoethane
Concen: 101.304 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

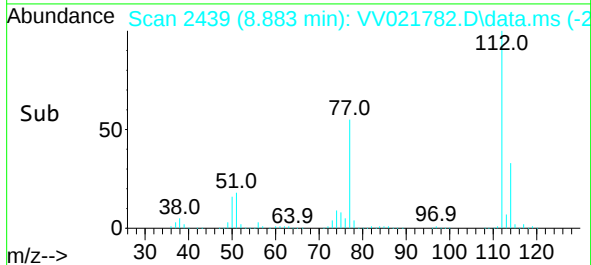
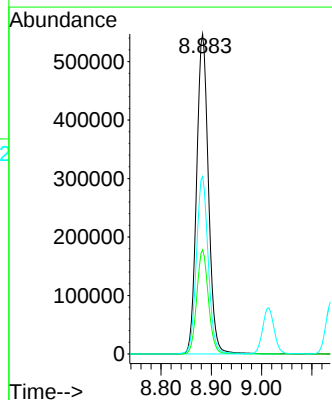
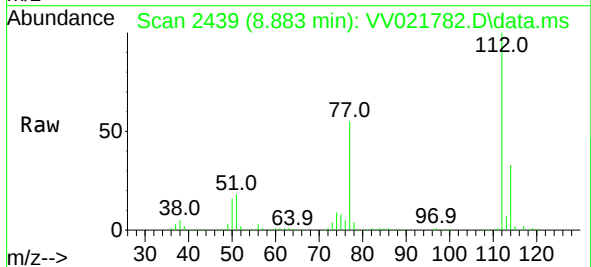
Instrument :
MSVOA_V
ClientSampleId :

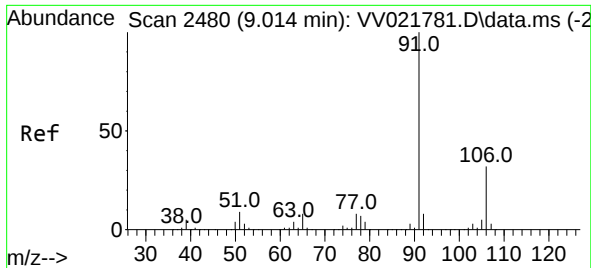
Tgt Ion:107 Resp: 353049
Ion Ratio Lower Upper
107 100
109 94.2 66.3 123.1
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 98.344 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:112 Resp: 892908
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 55.4 43.7 65.5

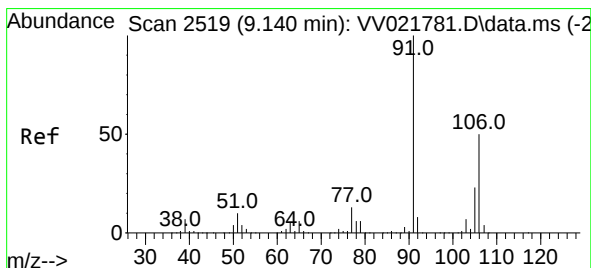
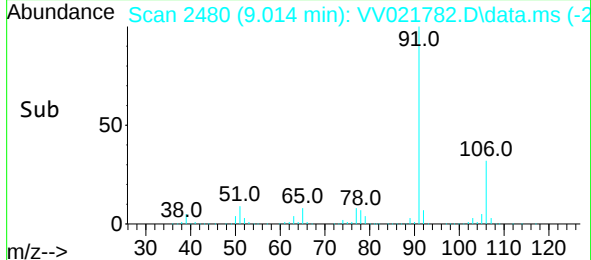
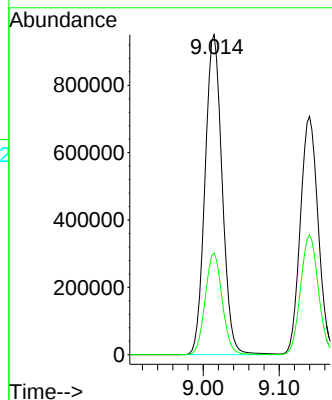
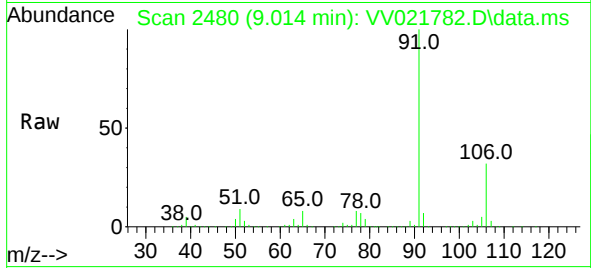




#52
Ethylbenzene
Concen: 102.254 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

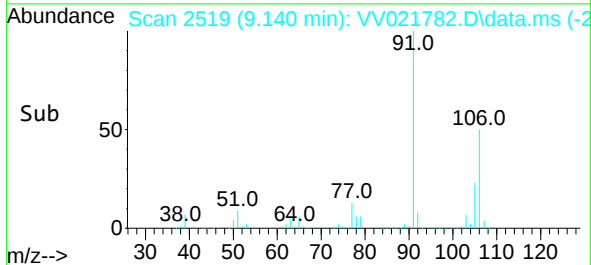
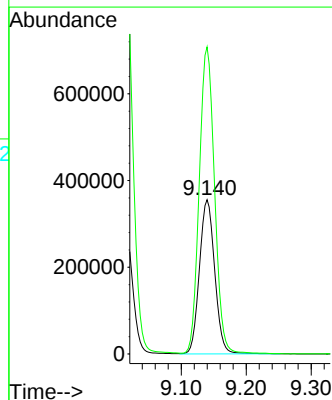
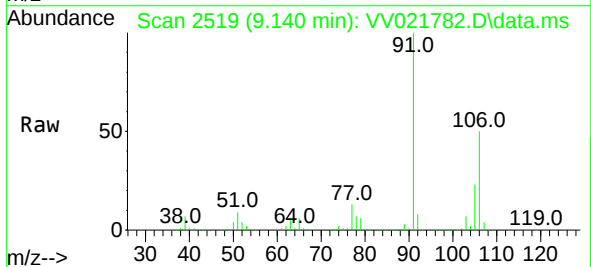
Instrument :
MSVOA_V
ClientSampled :

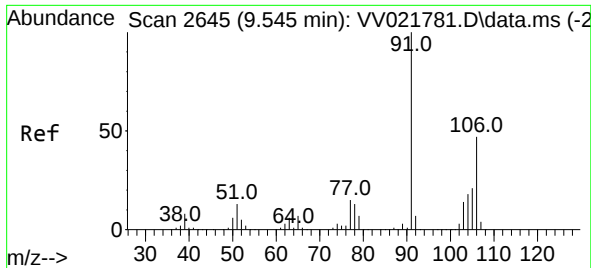
Tgt Ion: 91 Resp: 1488898
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2



#53
m,p-Xylene
Concen: 104.936 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 106 Resp: 582118
Ion Ratio Lower Upper
106 100
91 199.1 139.2 258.6

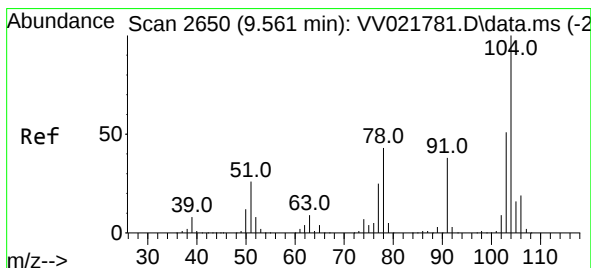
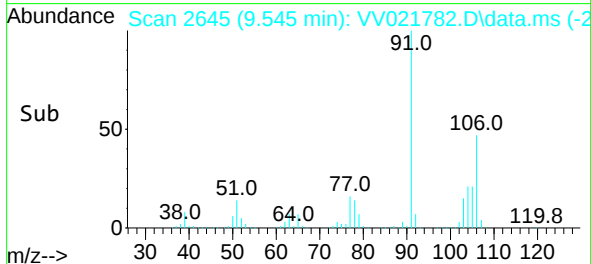
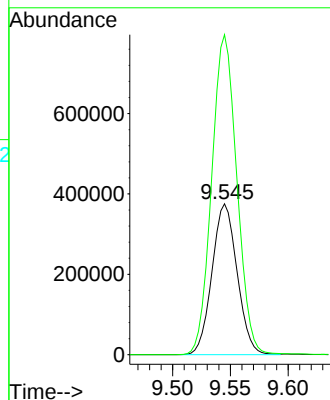
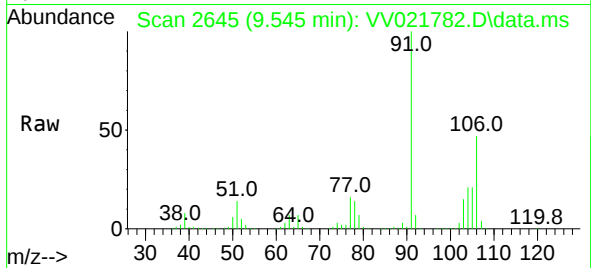




#54
o-Xylene
Concen: 103.608 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

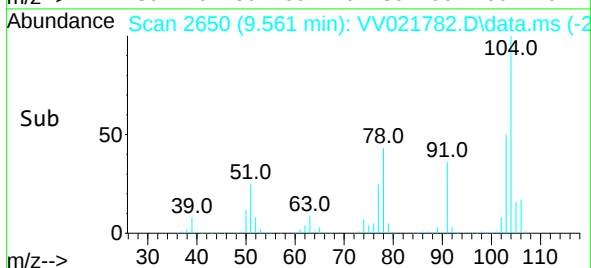
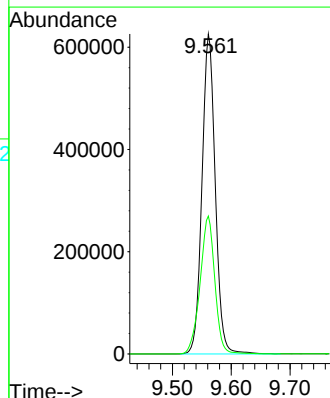
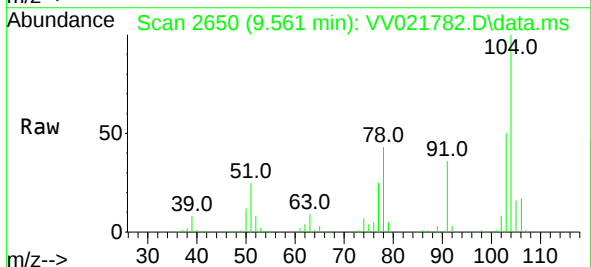
Instrument :
MSVOA_V
ClientSampled :

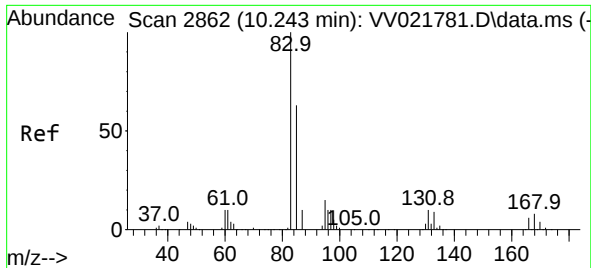
Tgt Ion:106 Resp: 567390
Ion Ratio Lower Upper
106 100
91 212.1 148.1 275.0



#55
Styrene
Concen: 106.478 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:104 Resp: 982056
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.2

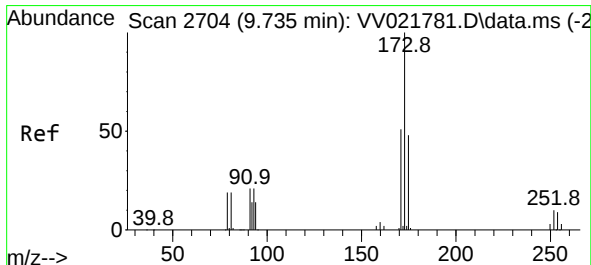
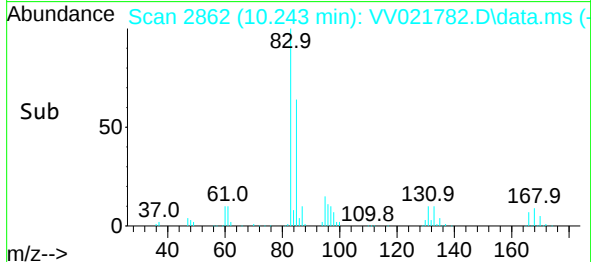
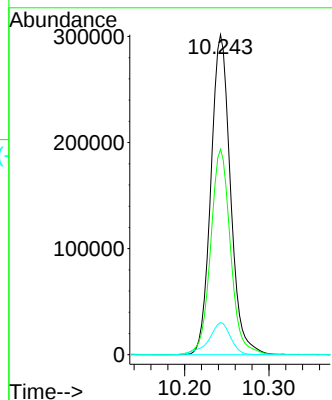
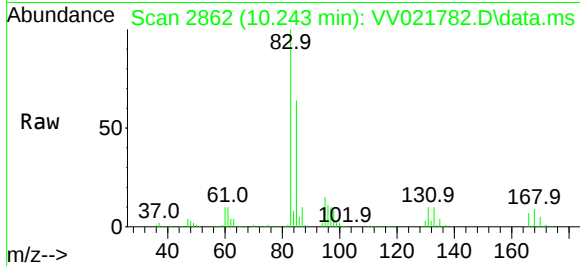




#57
1,1,2,2-Tetrachloroethane
Concen: 96.762 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

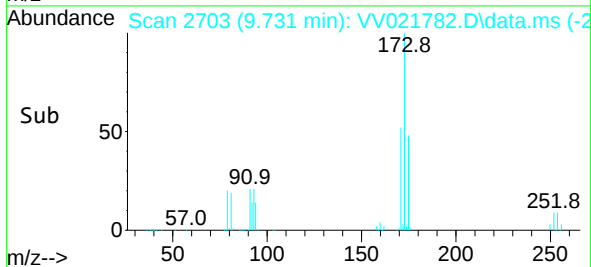
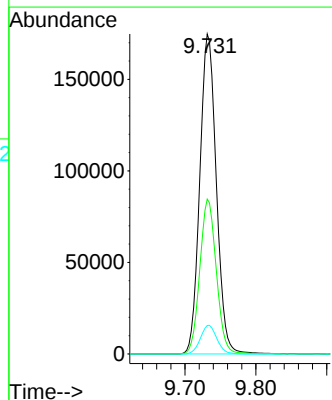
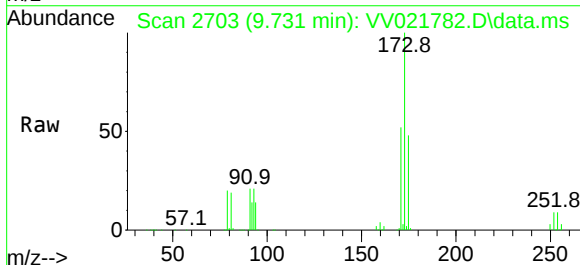
Instrument :
MSVOA_V
ClientSampled :

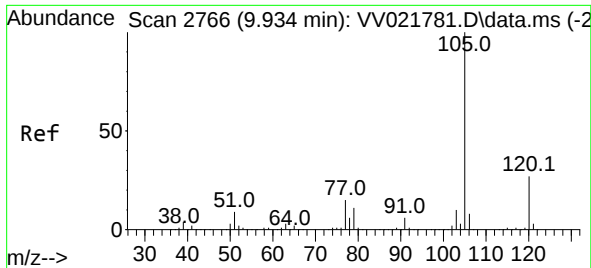
Tgt Ion: 83 Resp: 485962
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.5
131 10.0 7.9 11.9



#59
Bromoform
Concen: 96.304 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 173 Resp: 283153
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 8.9 7.2 10.8

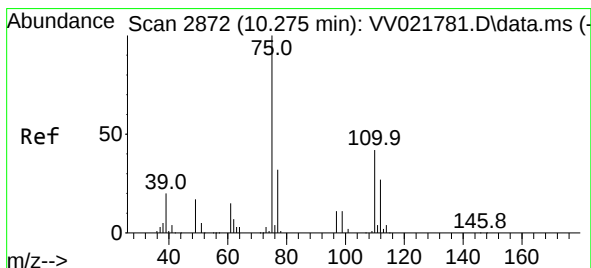
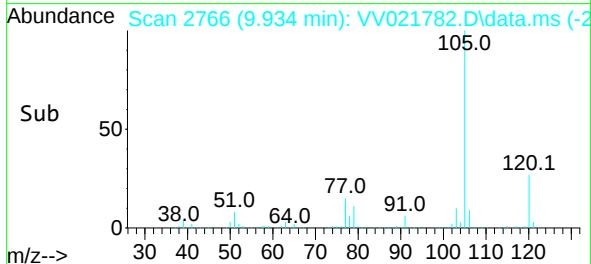
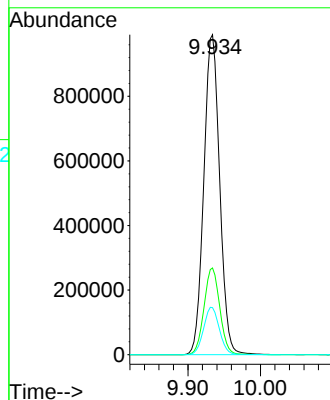
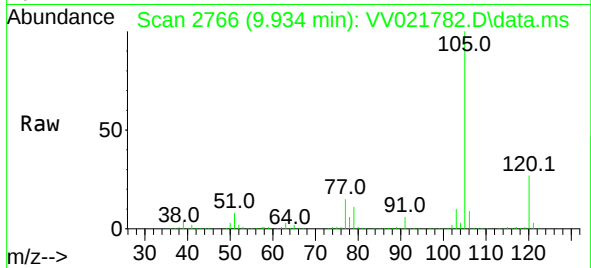




#60
Isopropylbenzene
Concen: 103.564 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

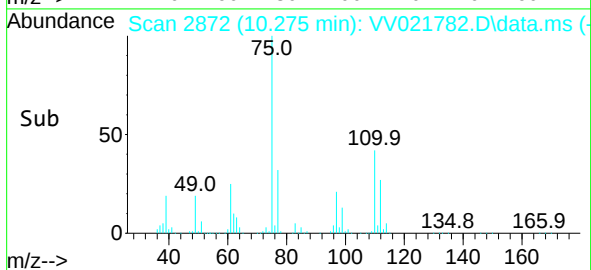
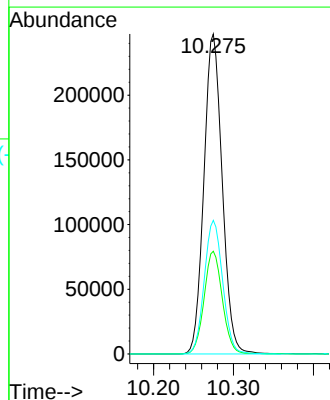
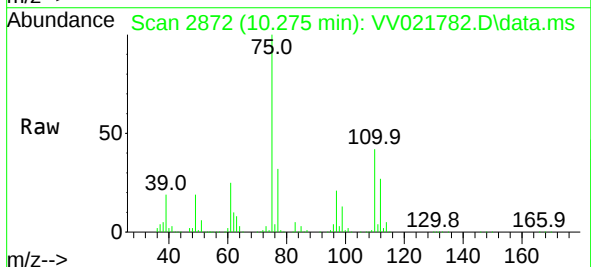
Instrument :
MSVOA_V
ClientSampled :

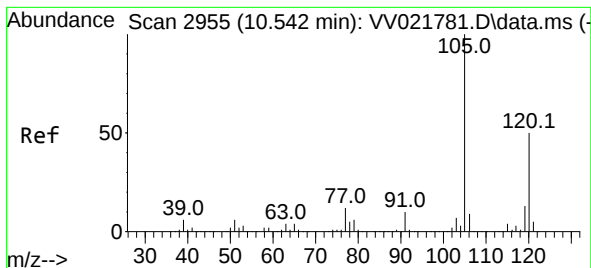
Tgt Ion:105 Resp: 1506110
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 96.270 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion: 75 Resp: 394359
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 41.9 33.4 50.2

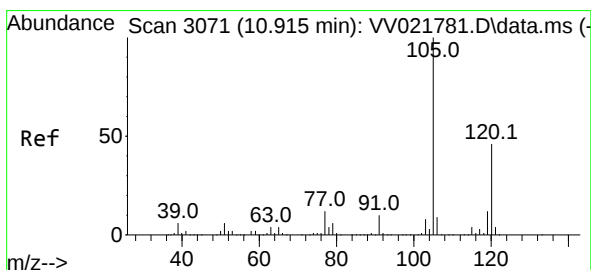
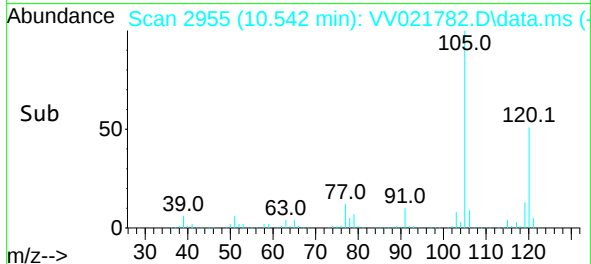
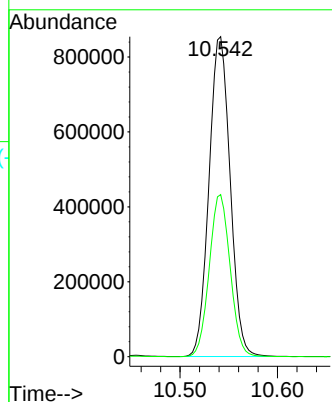
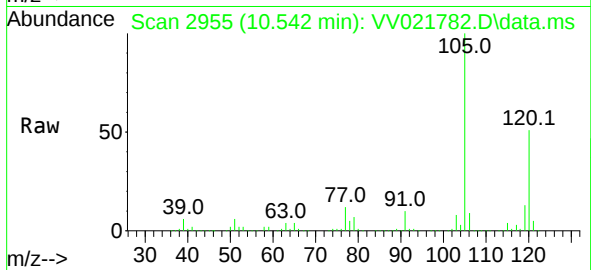




#62
1,3,5-Trimethylbenzene
Concen: 104.769 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

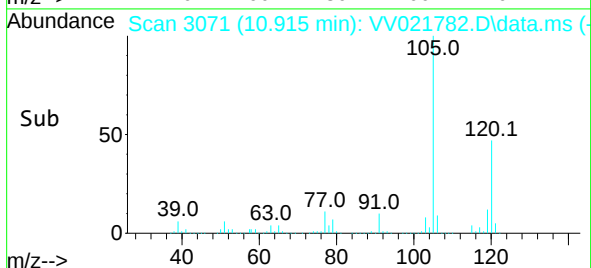
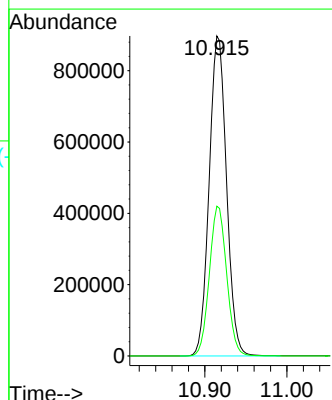
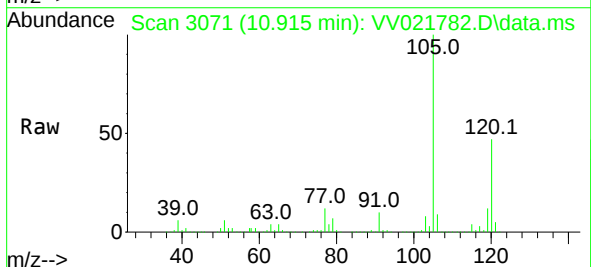
Instrument :
MSVOA_V
ClientSampled :

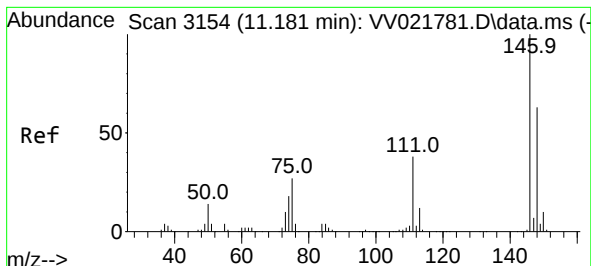
Tgt Ion:105 Resp: 1288708
Ion Ratio Lower Upper
105 100
120 50.1 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 107.025 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:105 Resp: 1318619
Ion Ratio Lower Upper
105 100
120 46.8 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 101.982 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

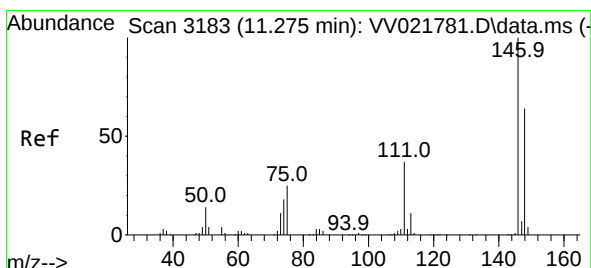
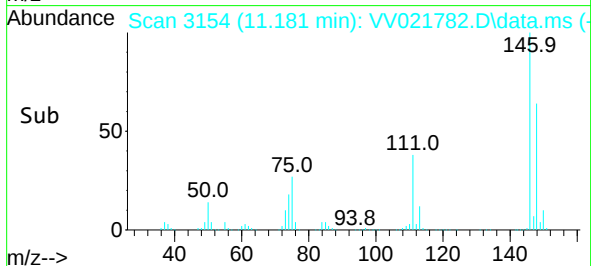
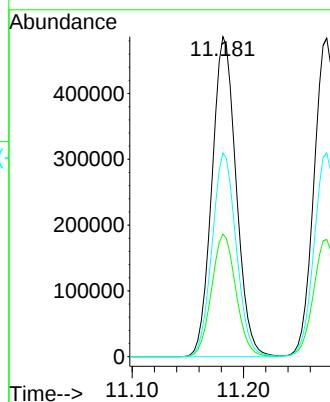
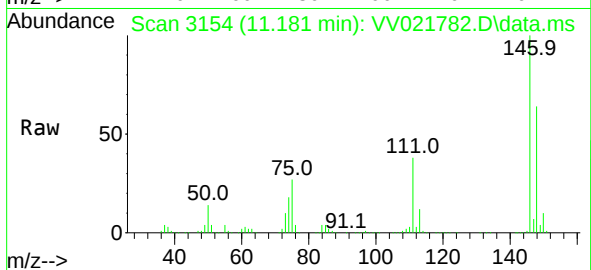
Tgt Ion:146 Resp: 734626

Ion Ratio Lower Upper

146 100

111 38.3 26.5 49.1

148 63.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 99.532 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021782.D

Acq: 16 Aug 2021 10:44

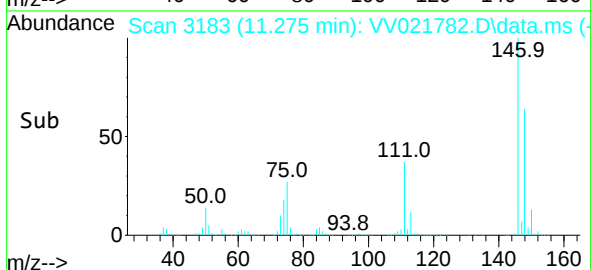
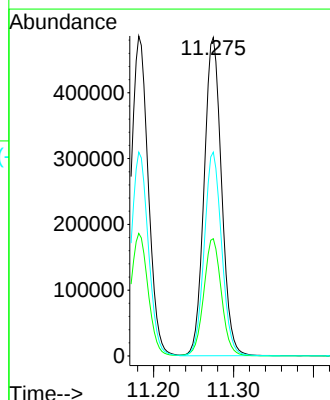
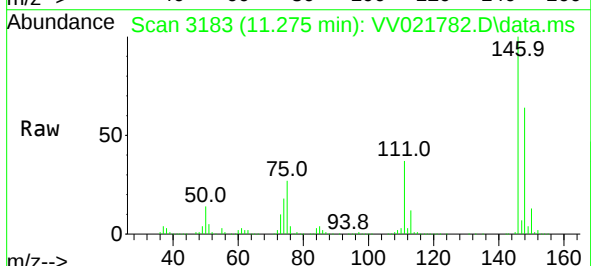
Tgt Ion:146 Resp: 734673

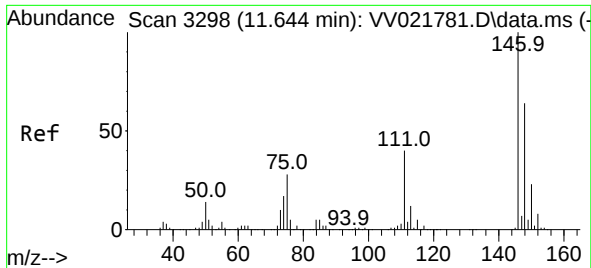
Ion Ratio Lower Upper

146 100

111 36.8 26.2 48.6

148 64.0 45.1 83.9

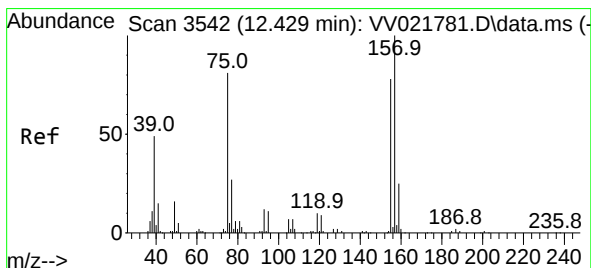
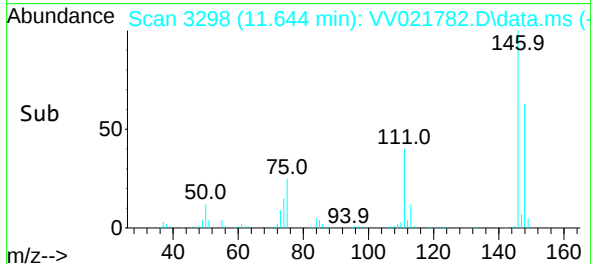
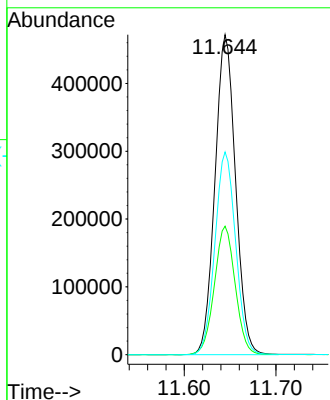
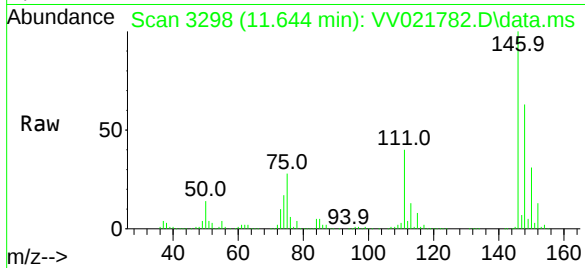




#67
1,2-Dichlorobenzene
Concen: 98.874 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

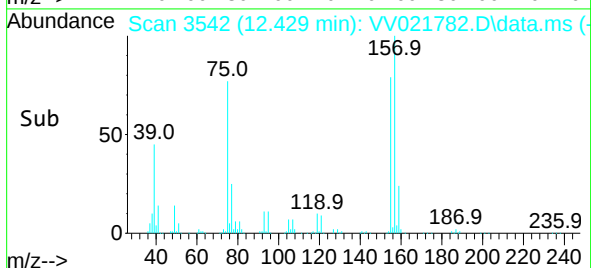
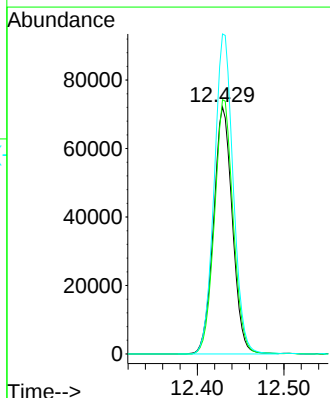
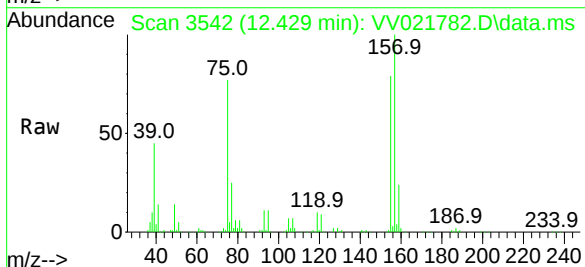
Instrument :
MSVOA_V
ClientSampled :

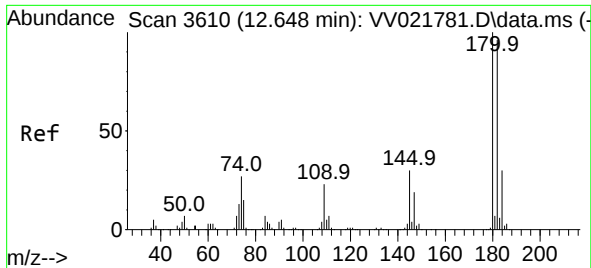
Tgt Ion:146 Resp: 735019
Ion Ratio Lower Upper
146 100
111 40.2 31.8 47.8
148 63.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 92.153 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

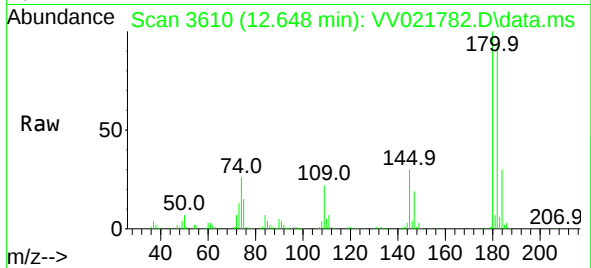
Tgt Ion: 75 Resp: 109166
Ion Ratio Lower Upper
75 100
155 103.0 77.8 116.8
157 129.6 99.4 149.0



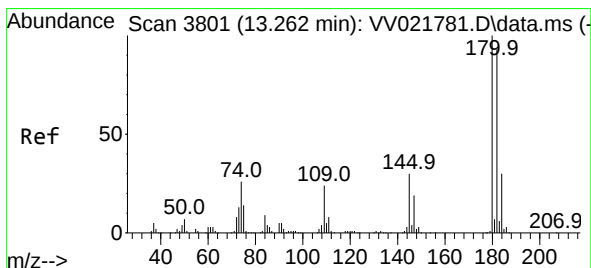
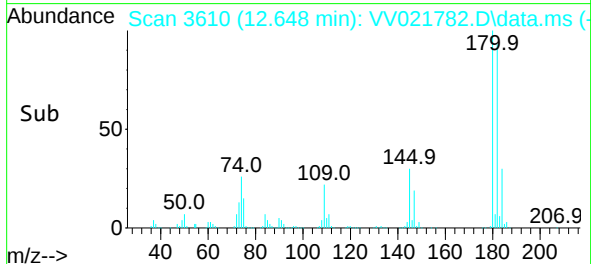
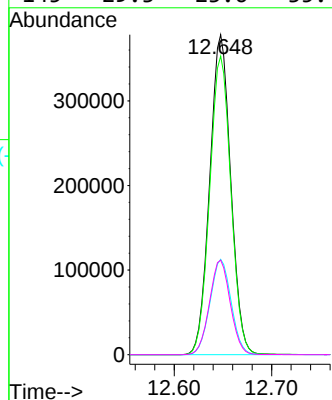


#69
 1,3,5-Trichlorobenzene
 Concen: 102.272 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

Instrument :
 MSVOA_V
 ClientSampled :

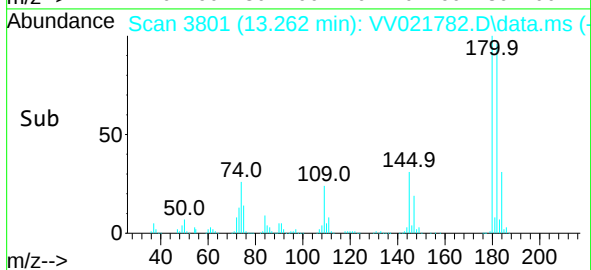
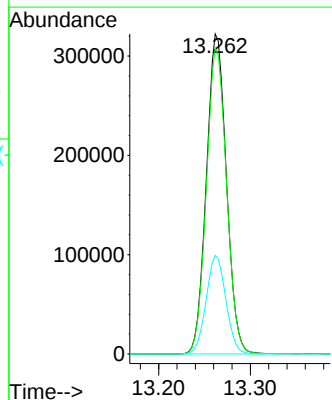
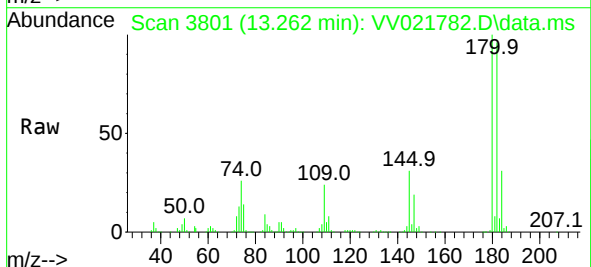


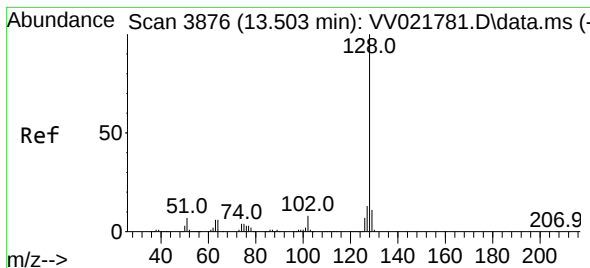
Tgt Ion:180 Resp: 566197
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 184 30.1 24.1 36.1
 145 29.3 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 107.268 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV021782.D
 Acq: 16 Aug 2021 10:44

Tgt Ion:180 Resp: 489003
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.8 113.6
 145 30.4 23.9 35.9

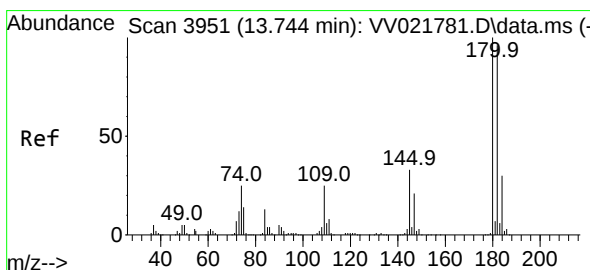
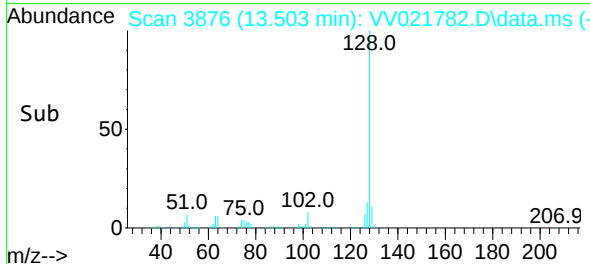
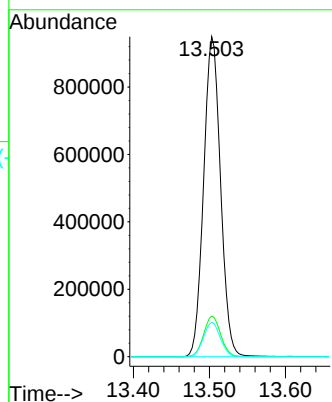
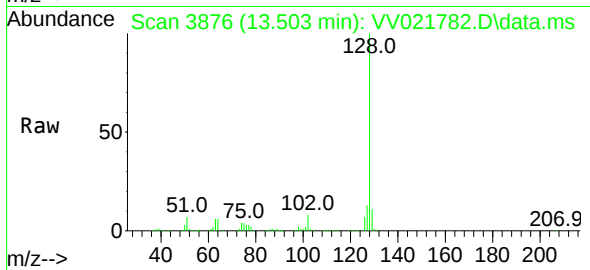




#71
Naphthalene
Concen: 115.142 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 1465314
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 103.727 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021782.D
Acq: 16 Aug 2021 10:44

Tgt Ion:180 Resp: 476557
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 31.9 25.6 38.4

