

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022905.D
 Acq On : 19 Oct 2021 07:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 09:01:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46229	5.225	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.568	69	34552	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.111	63	79591	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.896	46	94607	40.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.560%
24) Chloroform-d	4.349	84	94851	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.034	65	41995	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	188753	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.072	67	56955	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.317	98	181847	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.625	79	18123	4.840	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.091	63	78858	52.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40540	5.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	66143	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46771	4.991	ug/L	100
3) Chloromethane	1.240	50	47369	5.029	ug/L	100
5) Vinyl chloride	1.310	62	51467	5.288	ug/L	99
6) Bromomethane	1.523	94	14180	2.337	ug/L	98
8) Chloroethane	1.584	64	26083	4.332	ug/L	99
9) Trichlorofluoromethane	1.754	101	66373	4.656	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38790	4.678	ug/L	97
12) 1,1-Dichloroethene	2.121	96	35920	4.624	ug/L	84
13) Acetone	2.185	43	54017	41.757	ug/L #	42
14) Carbon disulfide	2.294	76	120830	5.535	ug/L	99
15) Methyl Acetate	2.439	43	14971	4.045	ug/L	99
16) Methylene chloride	2.507	84	51202	4.789	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	83892	4.463	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	44958	5.322	ug/L	95
19) 1,1-Dichloroethane	3.191	63	81378	5.349	ug/L	98
21) 2-Butanone	3.982	43	88681	41.869	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	47157	5.316	ug/L	95
23) Bromochloromethane	4.252	128	21361	5.421	ug/L	99
25) Chloroform	4.378	83	86354	4.896	ug/L	98

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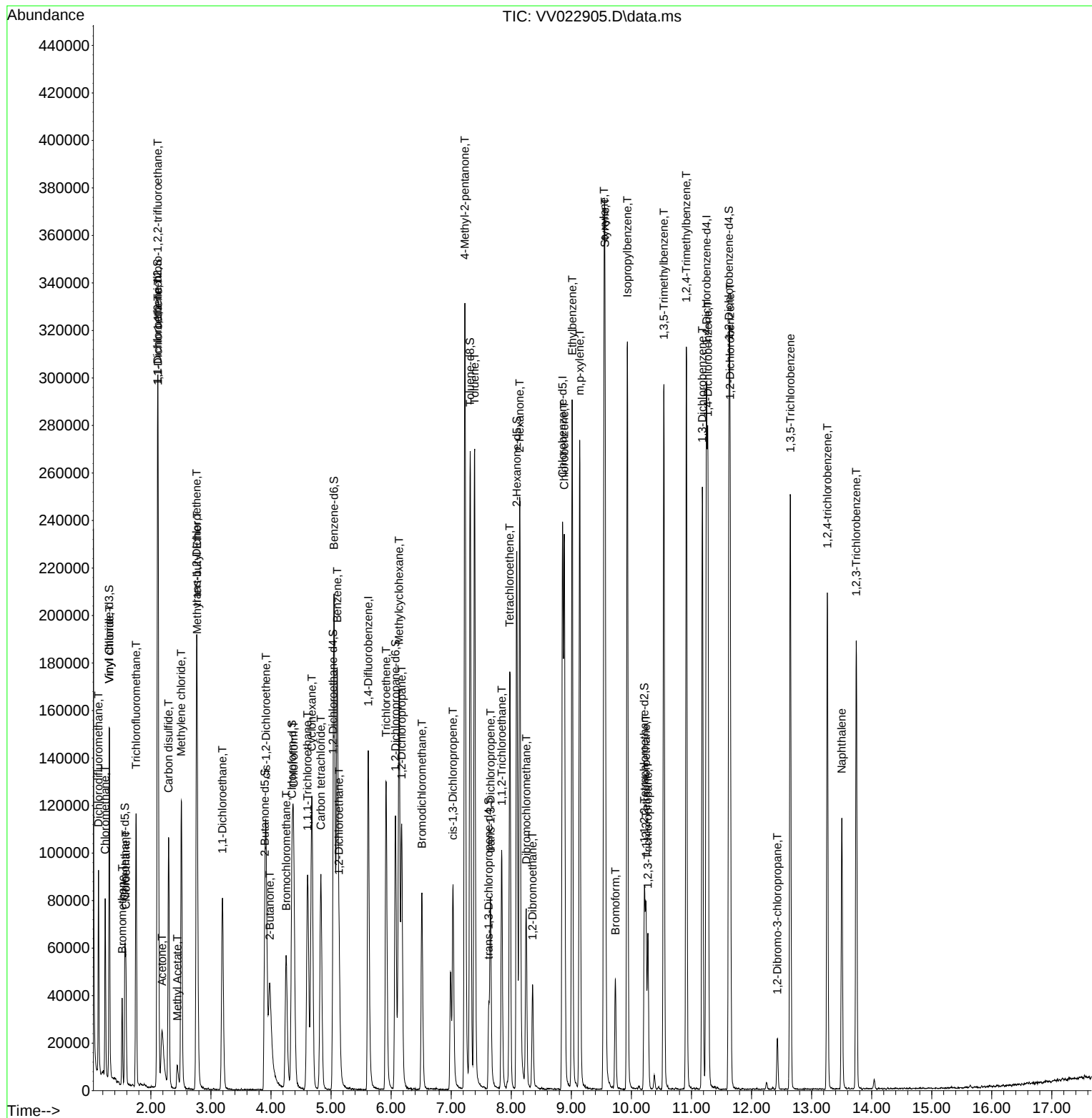
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44284	5.031	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	74945	5.126	ug/L	100
30) Cyclohexane	4.680	56	62673	4.645	ug/L	99
31) Carbon tetrachloride	4.831	117	66397	5.232	ug/L	99
33) Benzene	5.101	78	181067	5.251	ug/L	100
34) Trichloroethene	5.915	95	47006	5.012	ug/L	97
35) Methylcyclohexane	6.133	83	65457	4.982	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45648	5.504	ug/L	98
38) Bromodichloromethane	6.513	83	56097	5.489	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	54456	4.960	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	220744	49.533	ug/L	99
42) Toluene	7.391	91	199144	5.688	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	46957	5.246	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	32047	5.207	ug/L	98
47) Tetrachloroethene	7.976	164	40565	5.349	ug/L	98
48) 2-Hexanone	8.140	43	161719	49.631	ug/L	97
49) Dibromochloromethane	8.249	129	38670	5.367	ug/L	92
50) 1,2-Dibromoethane	8.355	107	29531	5.139	ug/L	97
51) Chlorobenzene	8.882	112	125878	5.472	ug/L	98
52) Ethylbenzene	9.014	91	198746	5.592	ug/L	100
53) m,p-xylene	9.140	106	78344	5.616	ug/L	97
54) o-xylene	9.545	106	73937	5.634	ug/L	98
55) Styrene	9.561	104	132153	5.845	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	35834	5.755	ug/L	98
59) Bromoform	9.735	173	21189	5.194	ug/L	99
60) Isopropylbenzene	9.934	105	201112	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25536	5.046	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	157393	5.266	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	163594	5.469	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	107274	5.525	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	106242	5.389	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	97036	5.328	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5108	5.546	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	80016	5.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	63666	5.698	ug/L	99
71) Naphthalene	13.503	128	89733	5.053	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	56820	5.393	ug/L	98

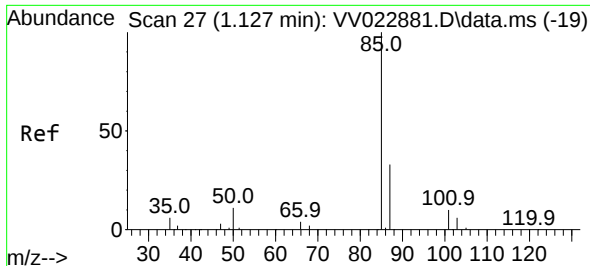
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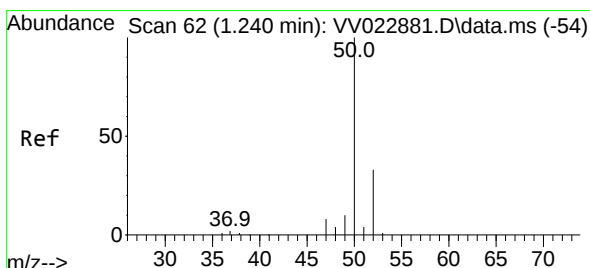
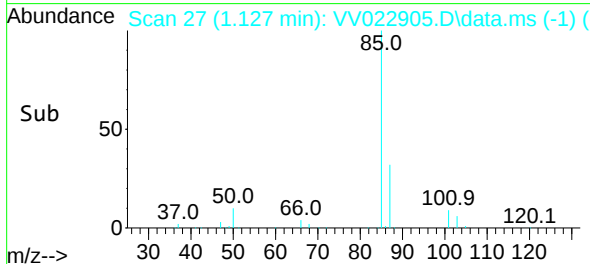
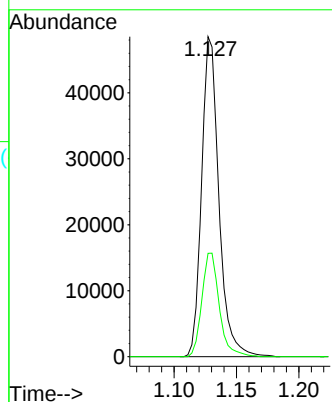
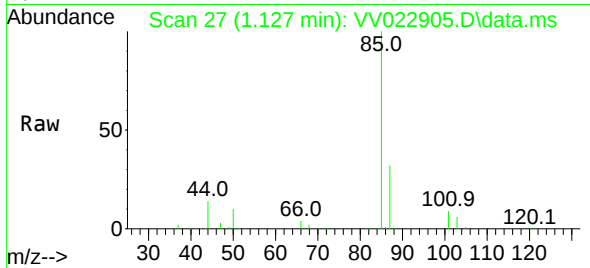




#2
 Dichlorodifluoromethane
 Concen: 4.991 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

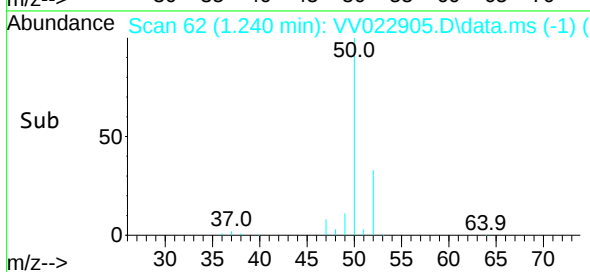
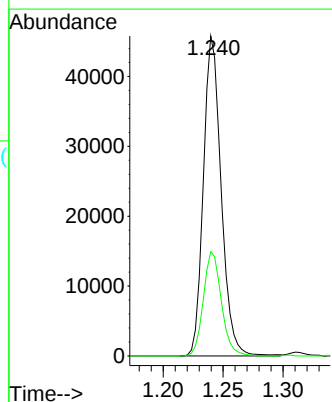
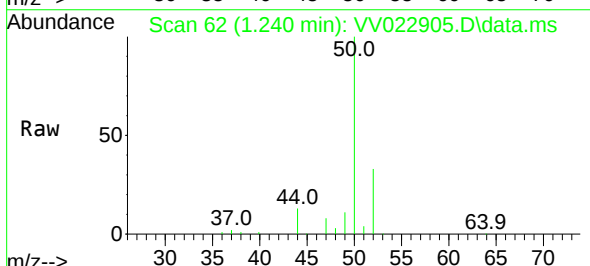
Instrument :
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 ClientSampled :

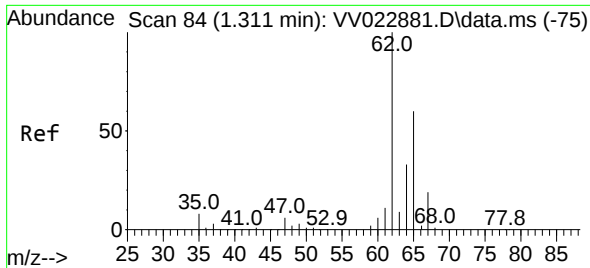
Tgt Ion: 85 Resp: 46771
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.3 39.5



#3
 Chloromethane
 Concen: 5.029 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Tgt Ion: 50 Resp: 47369
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.9 42.5

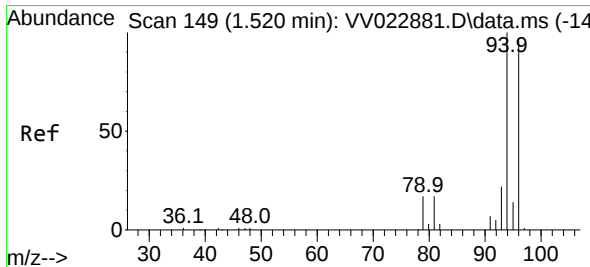
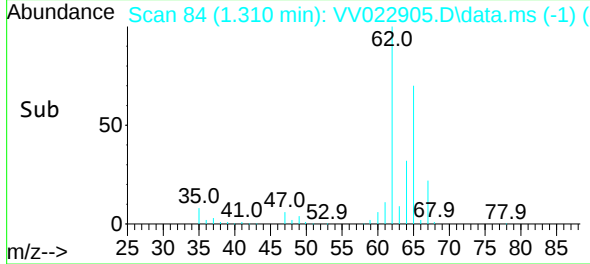
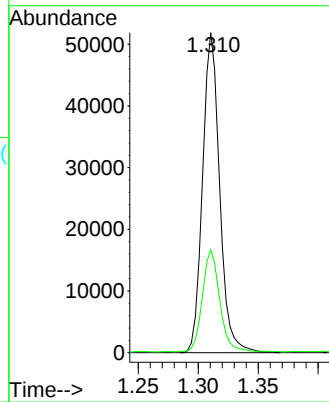
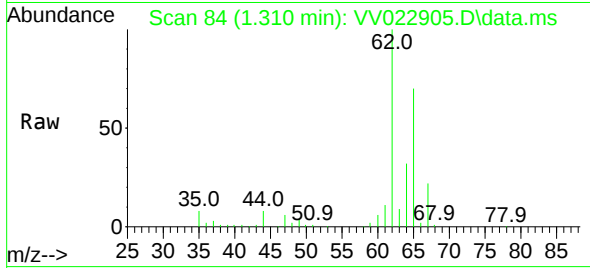




#5
 Vinyl chloride
 Concen: 5.288 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

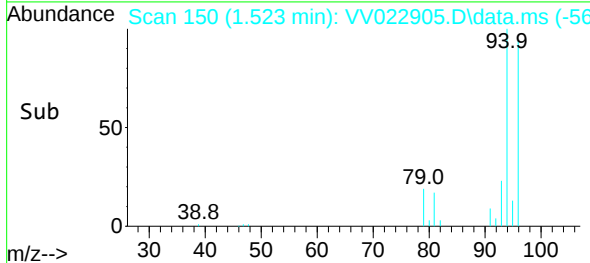
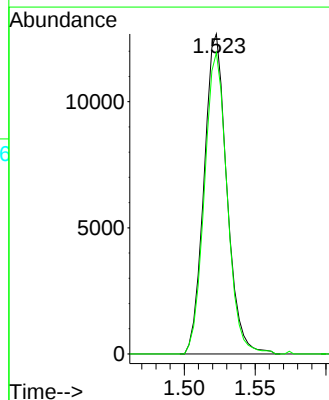
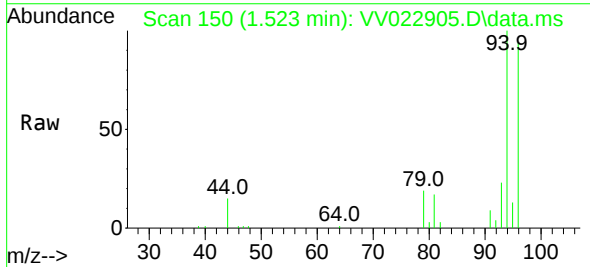
Instrument :
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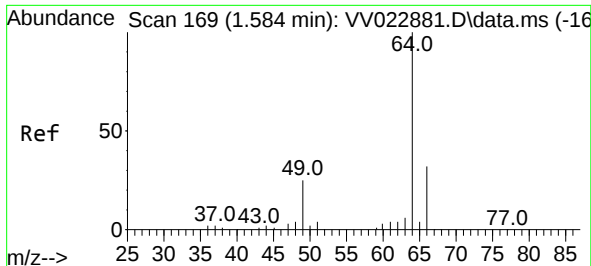
Tgt Ion: 62 Resp: 51467
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 2.337 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Tgt Ion: 94 Resp: 14180
 Ion Ratio Lower Upper
 94 100
 96 94.2 67.2 124.8

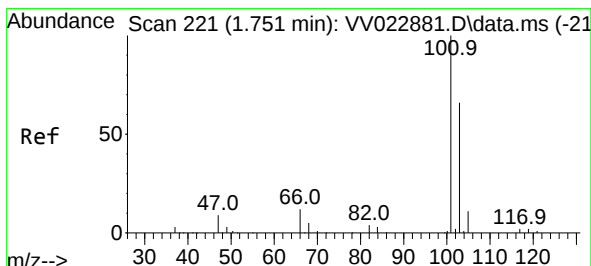
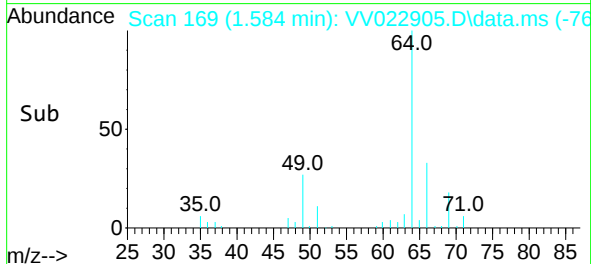
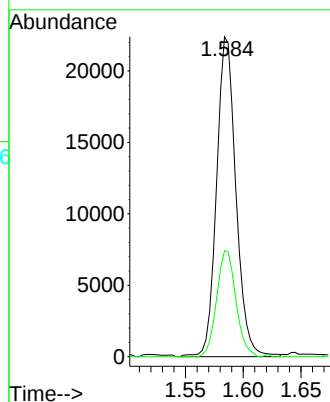
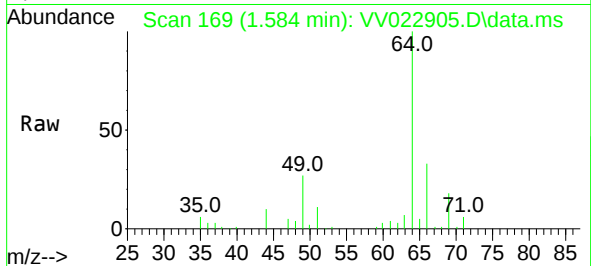




#8
Chloroethane
Concen: 4.332 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

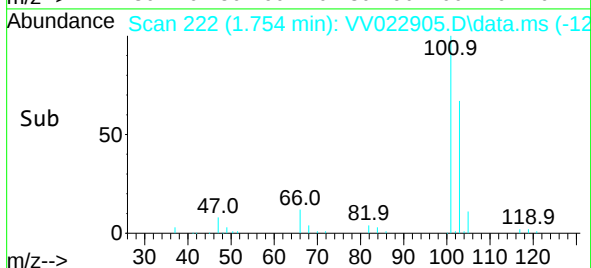
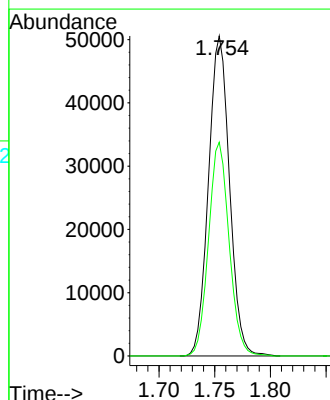
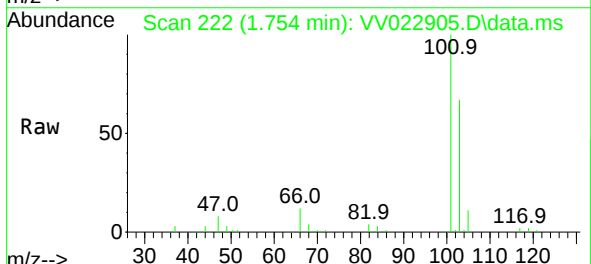
Instrument :
MSVOA_V
ClientSampled :

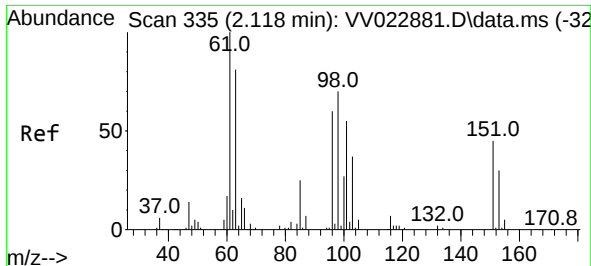
Tgt Ion: 64 Resp: 26083
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.656 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion:101 Resp: 66373
Ion Ratio Lower Upper
101 100
103 65.4 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.678 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion:101 Resp: 38790

Ion Ratio Lower Upper

101 100

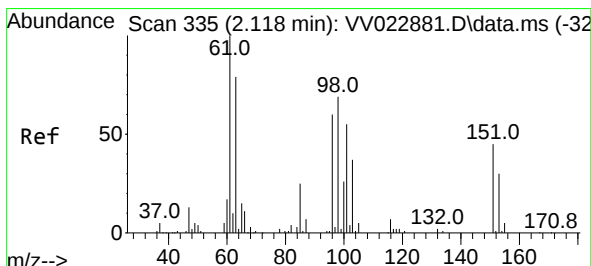
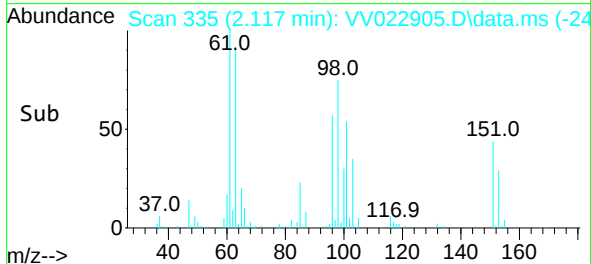
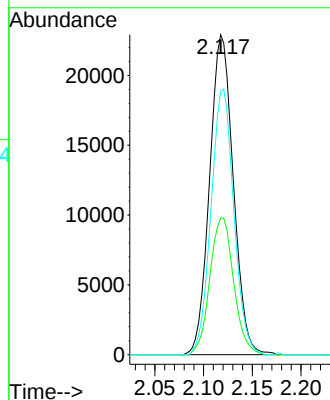
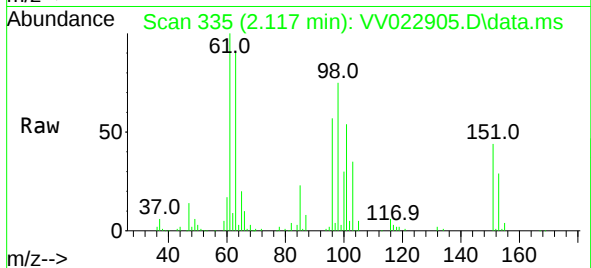
85 43.0 34.6 52.0

151 80.1 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.624 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

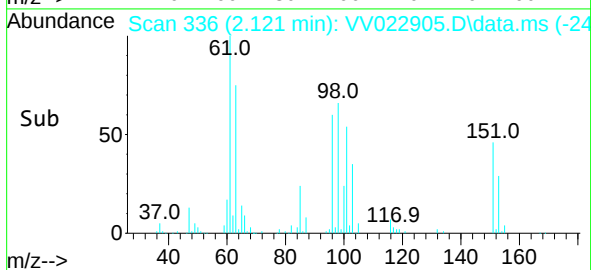
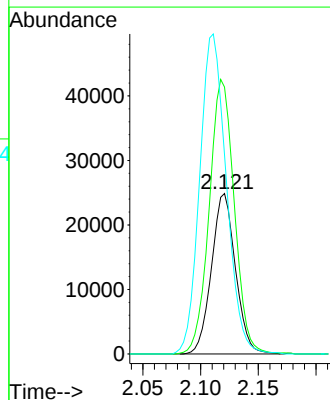
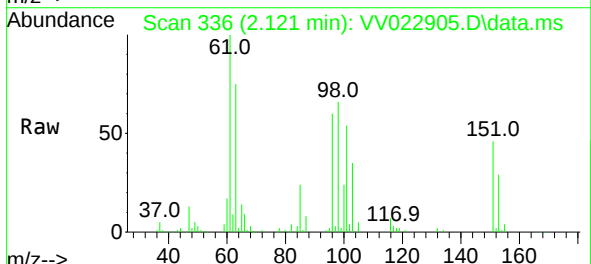
Tgt Ion: 96 Resp: 35920

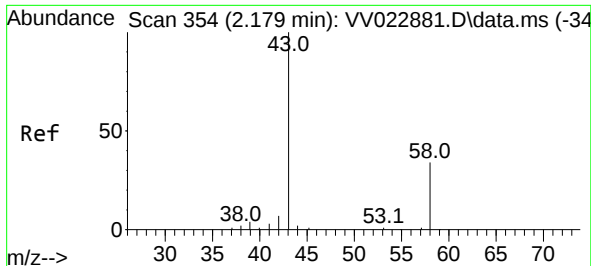
Ion Ratio Lower Upper

96 100

61 166.3 127.3 236.5

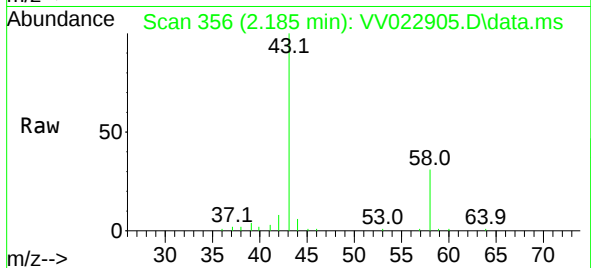
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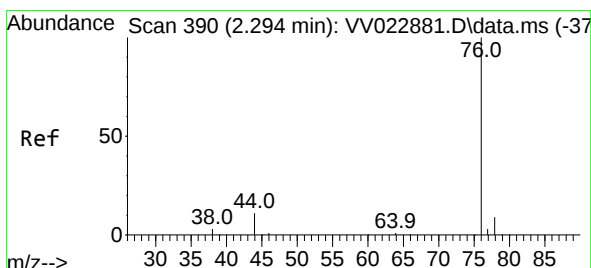
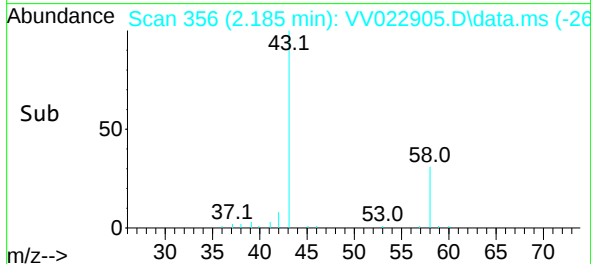
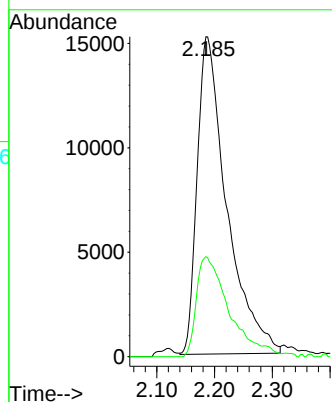


#13
Acetone
Concen: 41.757 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.006 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

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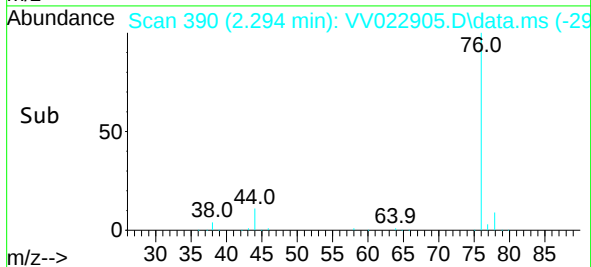
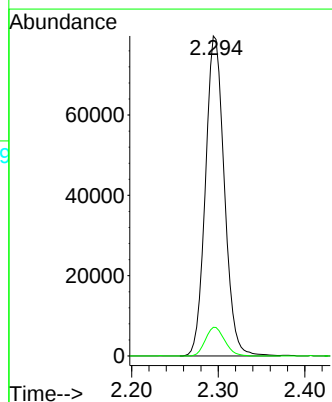
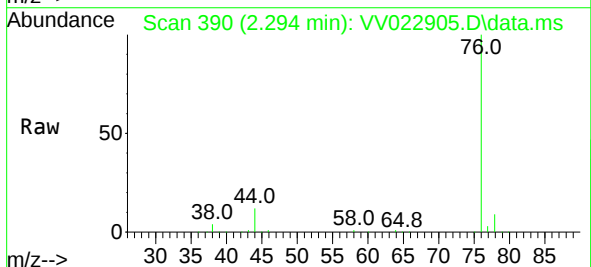


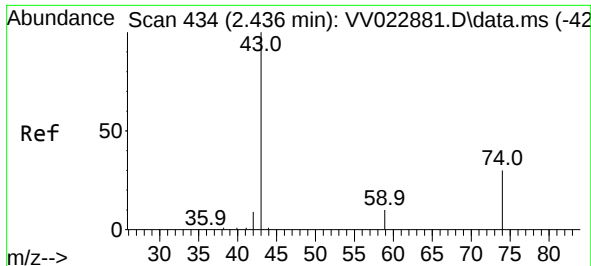
Tgt Ion: 43 Resp: 54017
Ion Ratio Lower Upper
43 100
58 34.7 0.0 24.2#



#14
Carbon disulfide
Concen: 5.535 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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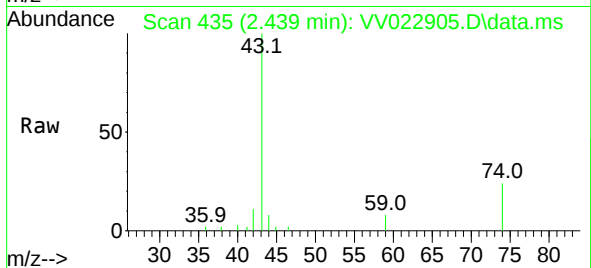
Tgt Ion: 76 Resp: 120830
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



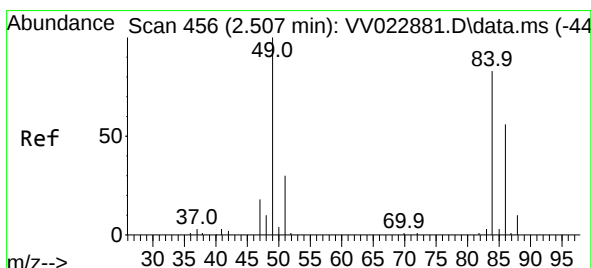
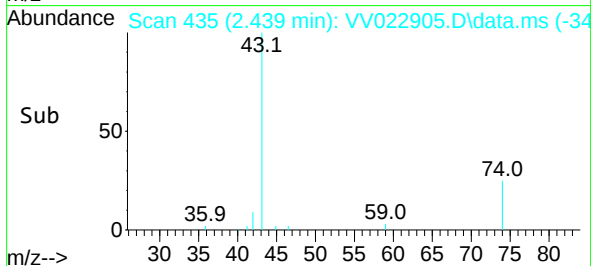
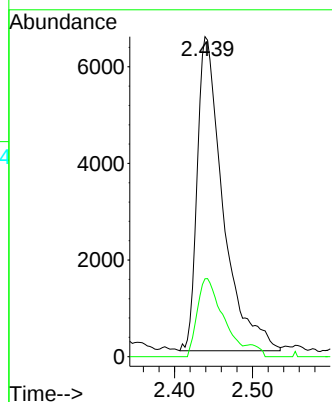


#15
Methyl Acetate
Concen: 4.045 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Instrument :
MSVOA_V
ClientSampled :

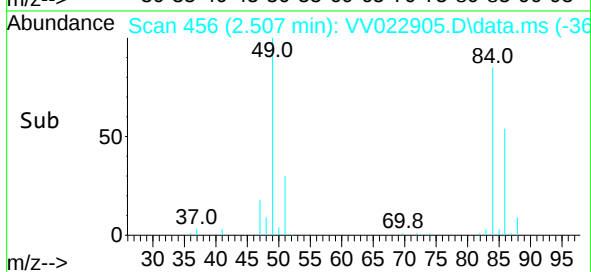
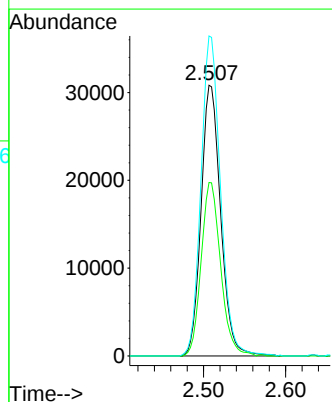
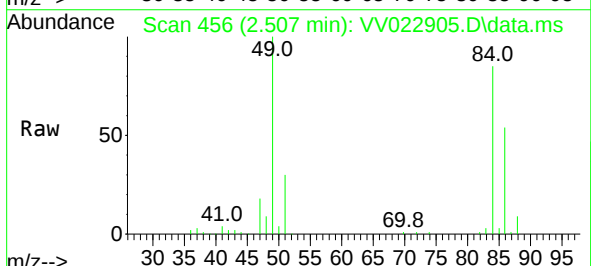


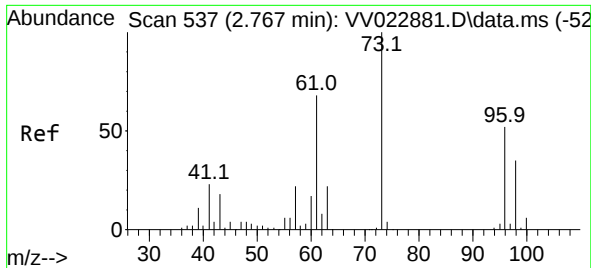
Tgt Ion: 43 Resp: 14971
Ion Ratio Lower Upper
43 100
74 24.6 19.9 29.9



#16
Methylene chloride
Concen: 4.789 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 84 Resp: 51202
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 118.2 90.3 167.7

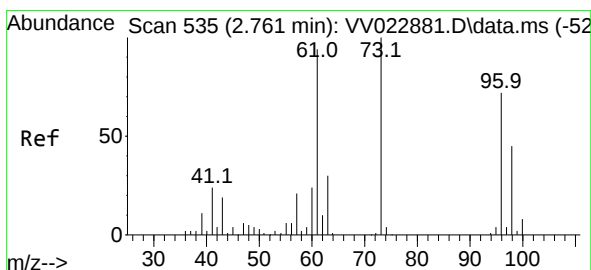
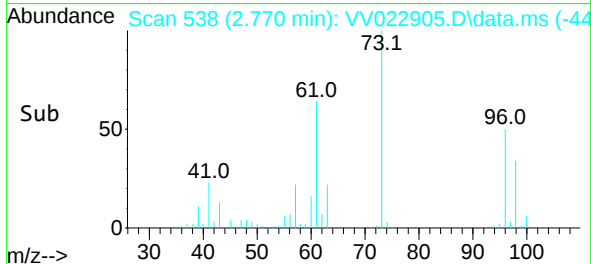
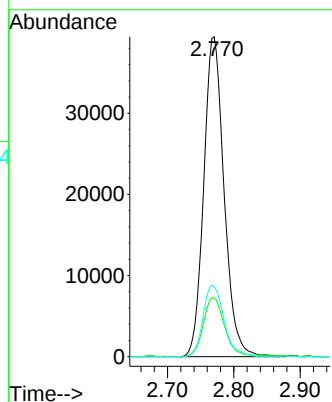
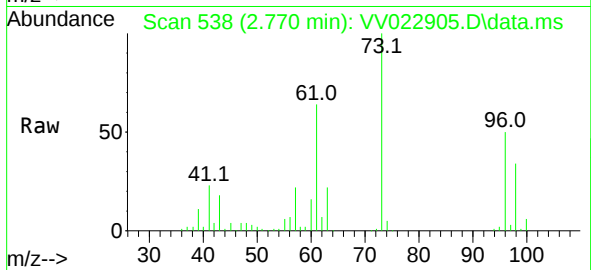




#17
Methyl tert-butyl Ether
Concen: 4.463 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

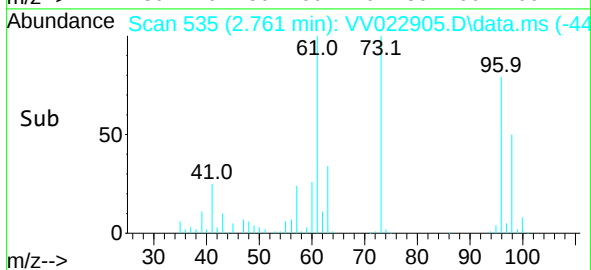
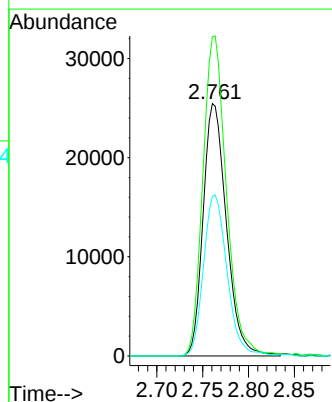
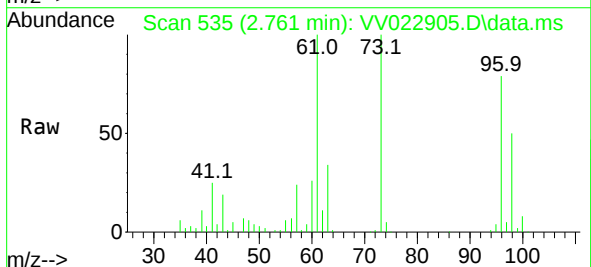
Instrument :
MSVOA_V
ClientSampled :

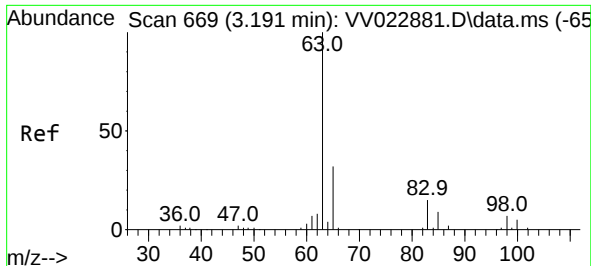
Tgt Ion: 73 Resp: 83892
Ion Ratio Lower Upper
73 100
43 19.2 17.1 25.7
57 22.9 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.322 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 96 Resp: 44958
Ion Ratio Lower Upper
96 100
61 126.5 94.5 175.5
98 63.3 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.349 ug/L

RT: 3.191 min Scan# 669

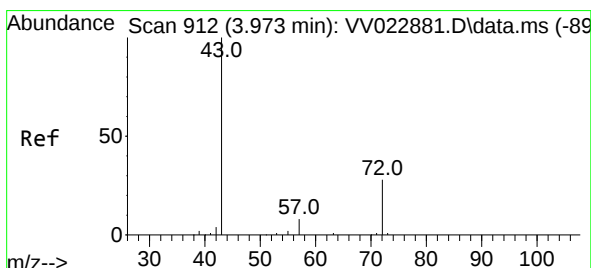
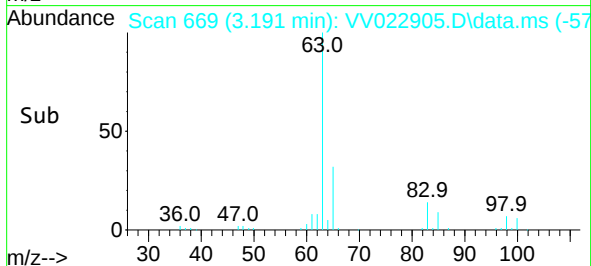
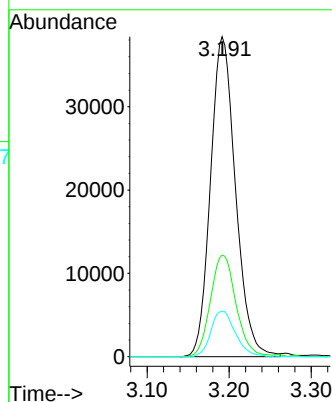
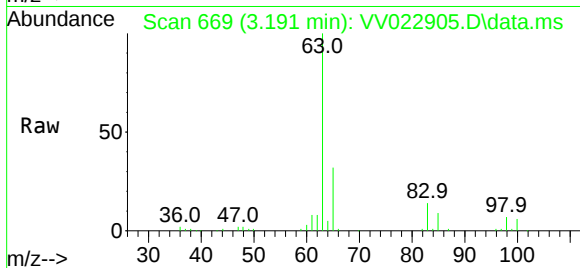
Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion:	63	Resp:	81378
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.5	43.7
83	14.3	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 41.869 ug/L

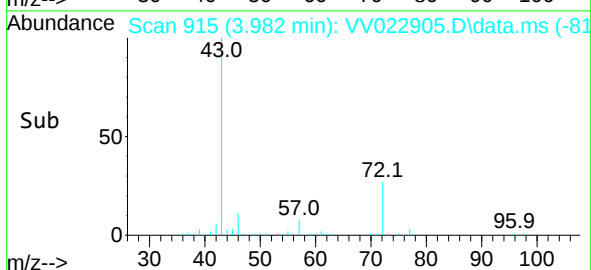
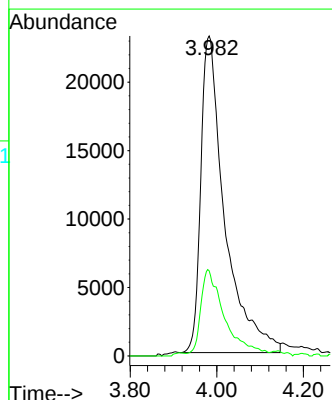
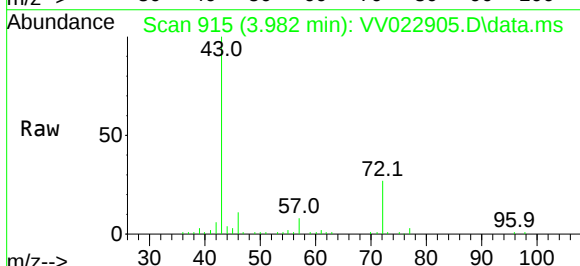
RT: 3.982 min Scan# 915

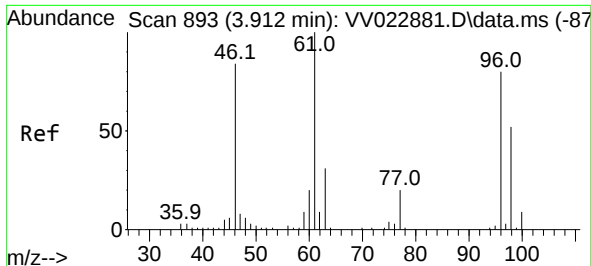
Delta R.T. 0.010 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

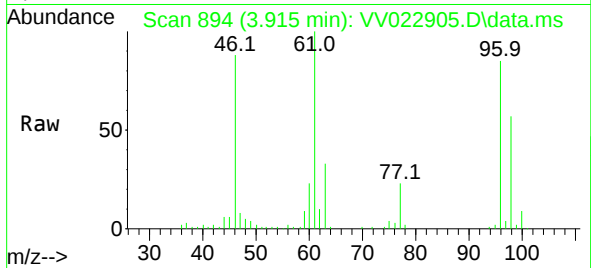
Tgt Ion:	43	Resp:	88681
Ion	Ratio	Lower	Upper
43	100		
72	25.7	12.3	36.8





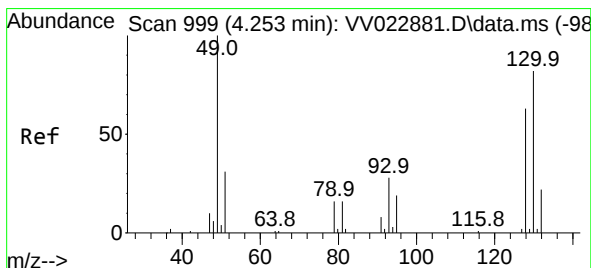
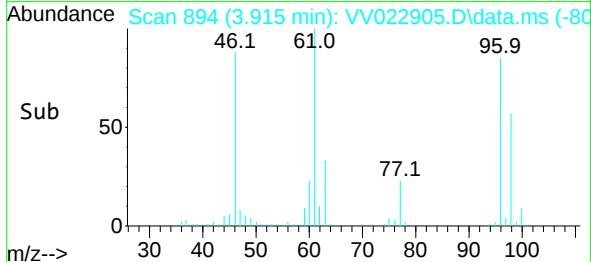
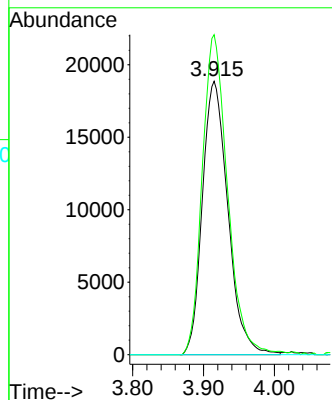
#22
cis-1,2-Dichloroethene
Concen: 5.316 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 96 Resp: 47157

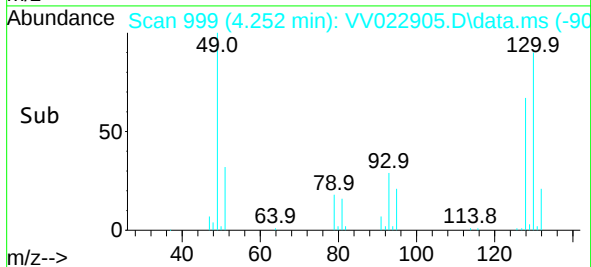
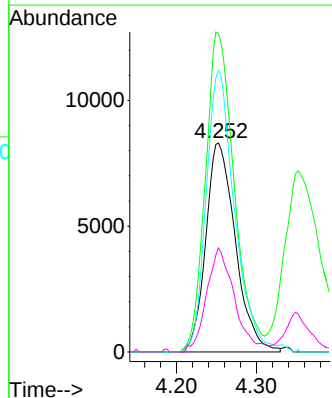
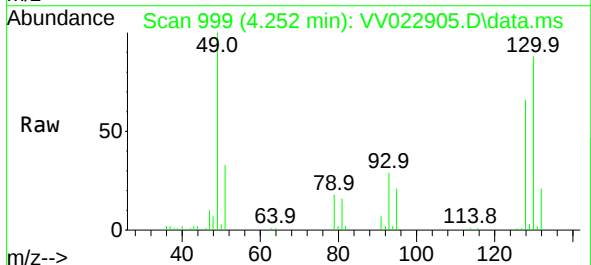
Ion	Ratio	Lower	Upper
96	100		
61	117.0	86.0	159.6
68	0.0	0.0	0.0

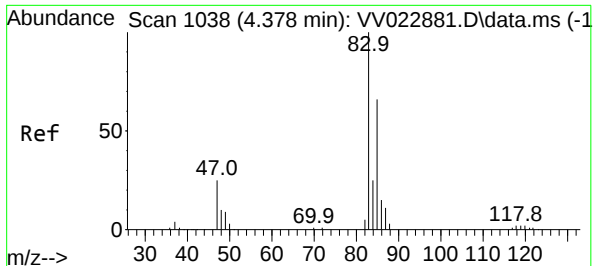


#23
Bromochloromethane
Concen: 5.421 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 128 Resp: 21361

Ion	Ratio	Lower	Upper
128	100		
49	152.5	106.9	198.5
130	134.7	91.9	170.7
51	49.8	40.3	60.5





#25

Chloroform

Concen: 4.896 ug/L

RT: 4.378 min Scan# 1038

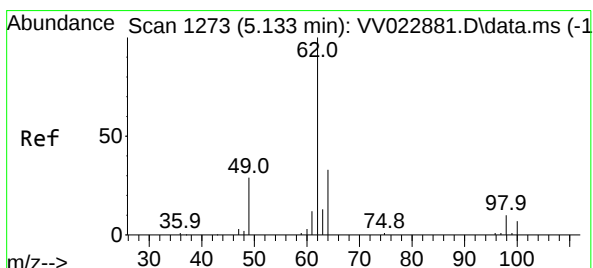
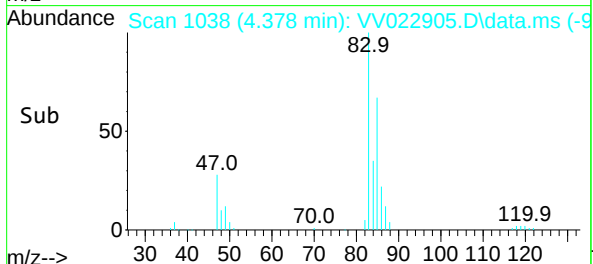
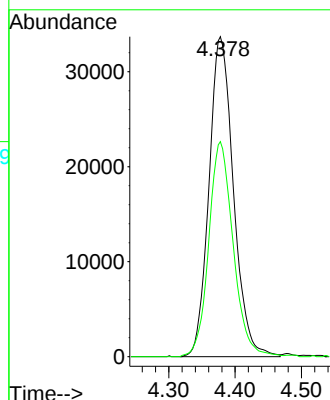
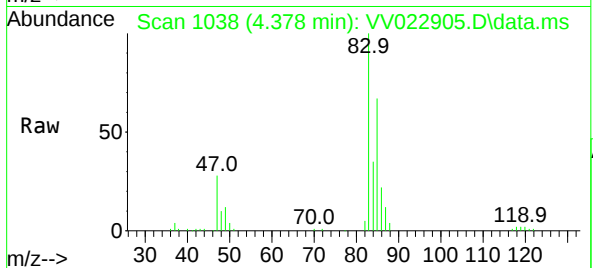
Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 86354
Ion Ratio Lower Upper
83 100
85 67.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.031 ug/L

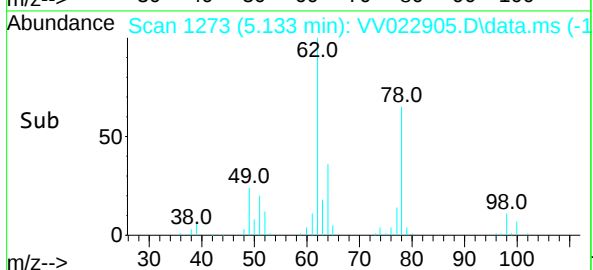
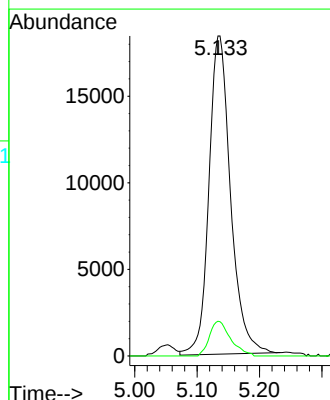
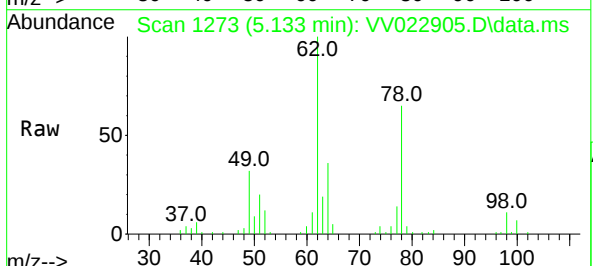
RT: 5.133 min Scan# 1273

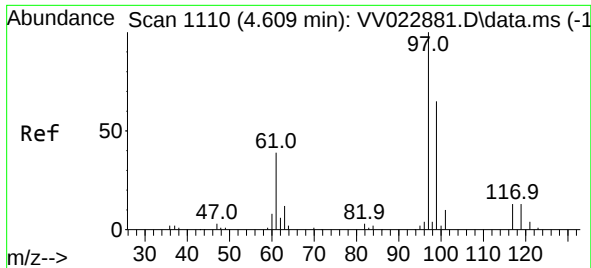
Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion: 62 Resp: 44284
Ion Ratio Lower Upper
62 100
98 10.8 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 5.126 ug/L

RT: 4.609 min Scan# 1110

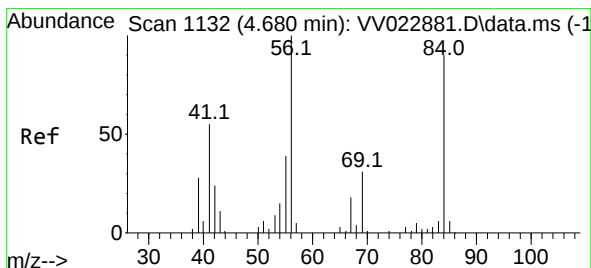
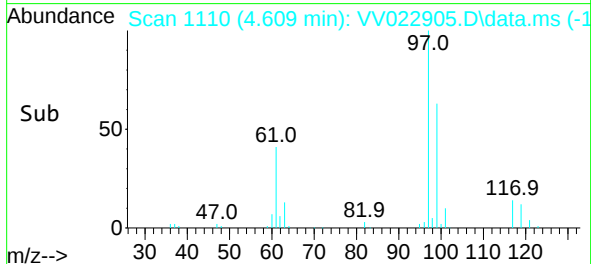
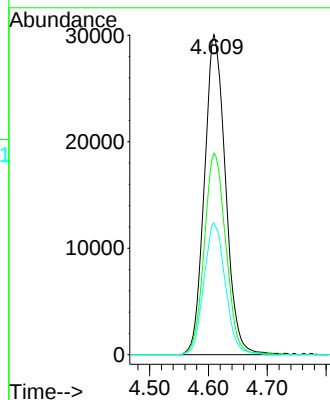
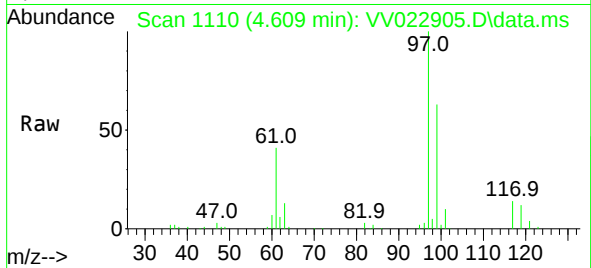
Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion:	97	Resp:	74945
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	41.8	33.2	49.8

Instrument :
MSVOA_V
ClientSampleId :



#30

Cyclohexane

Concen: 4.645 ug/L

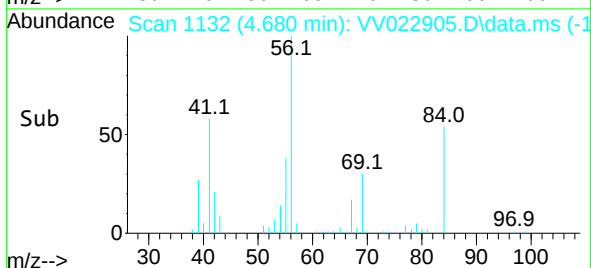
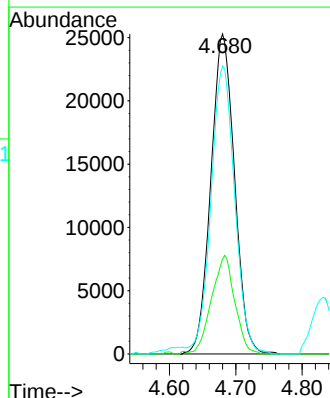
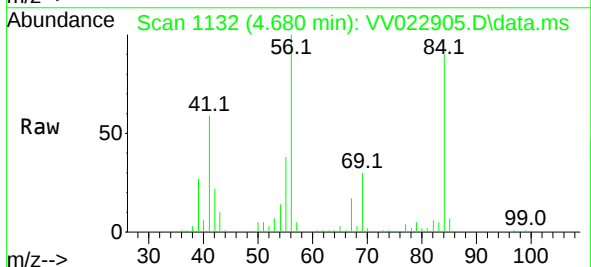
RT: 4.680 min Scan# 1132

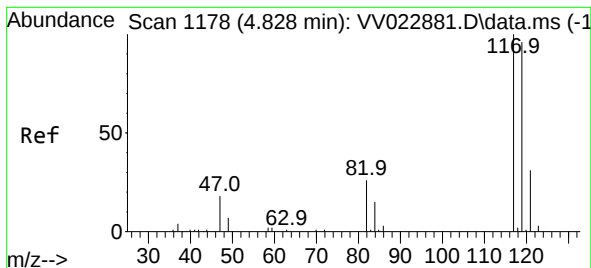
Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion:	56	Resp:	62673
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.9	37.3
84	90.5	72.5	108.7

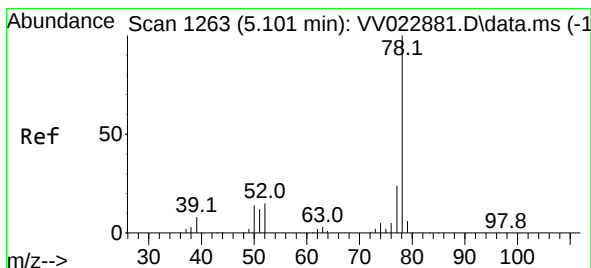
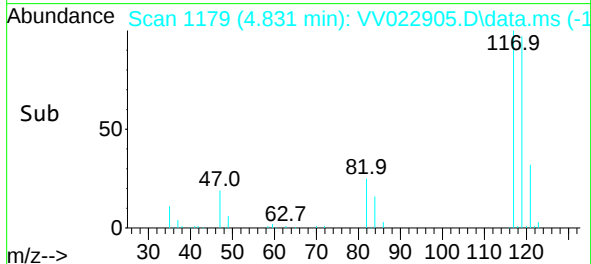
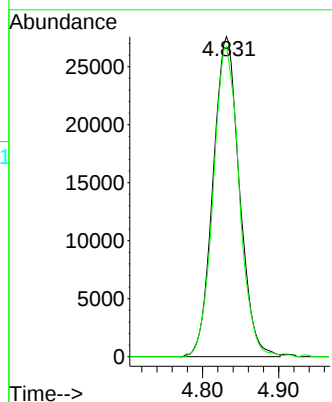
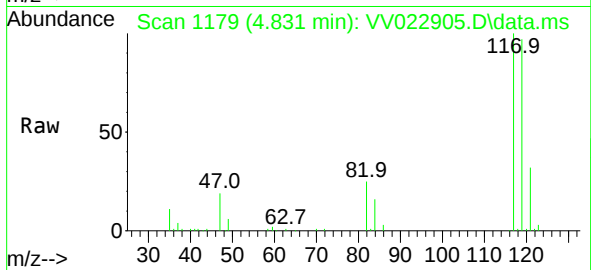




#31
Carbon tetrachloride
Concen: 5.232 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

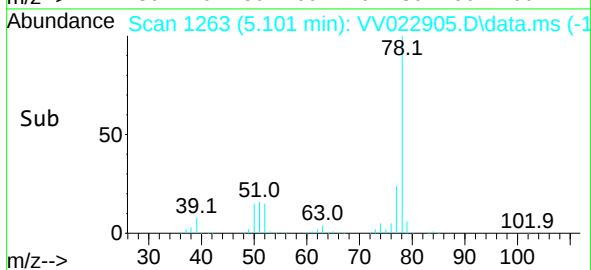
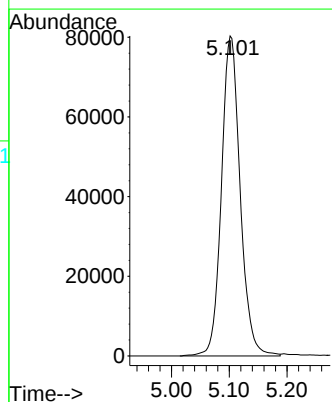
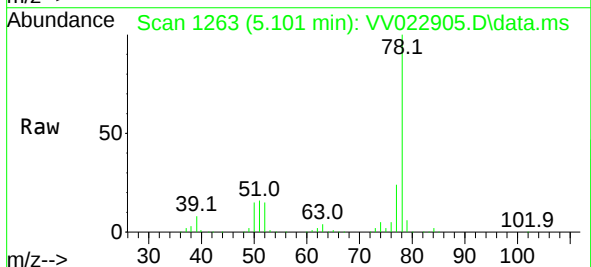
Instrument :
MSVOA_V
ClientSampled :

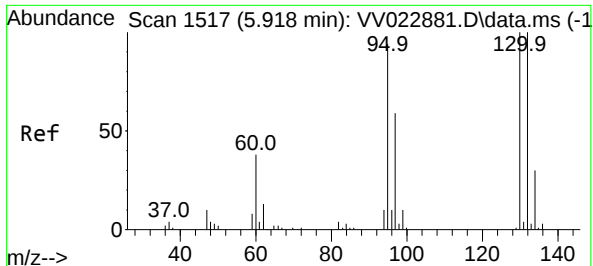
Tgt Ion:117 Resp: 66397
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 5.251 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 78 Resp: 181067





#34

Trichloroethene

Concen: 5.012 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

Tgt Ion: 95 Resp: 47006

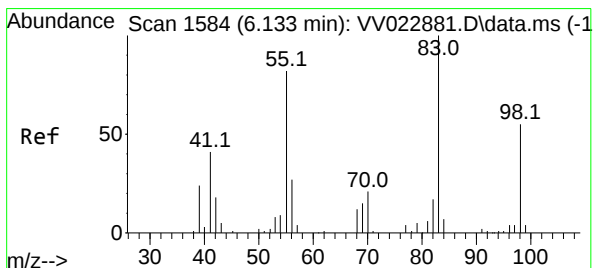
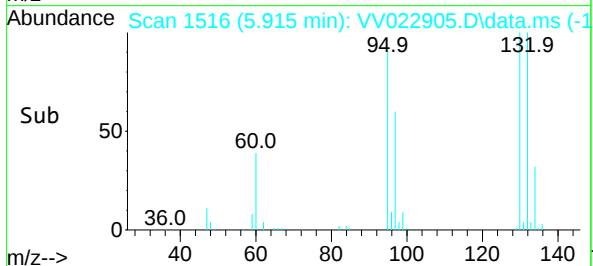
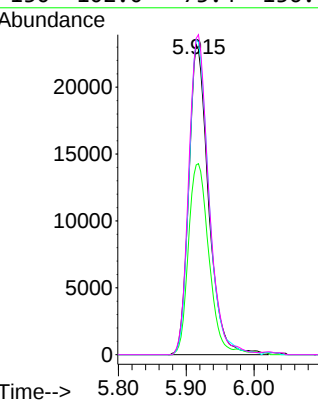
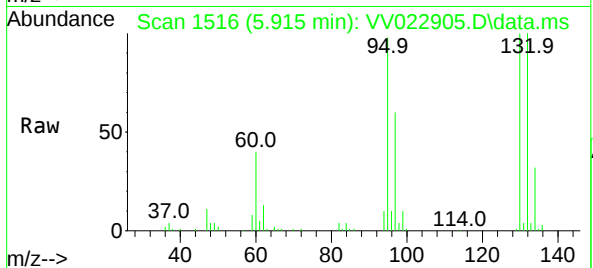
Ion Ratio Lower Upper

95 100

97 61.2 45.8 85.2

132 101.6 72.2 134.0

130 102.0 73.4 136.4



#35

Methylcyclohexane

Concen: 4.982 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV022905.D

Acq: 19 Oct 2021 07:04

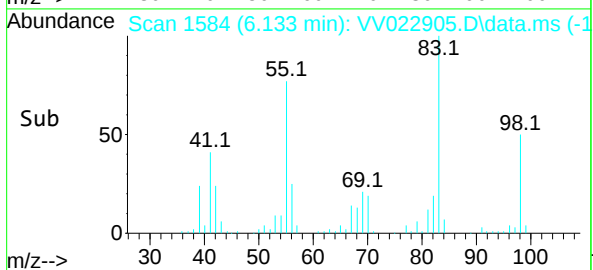
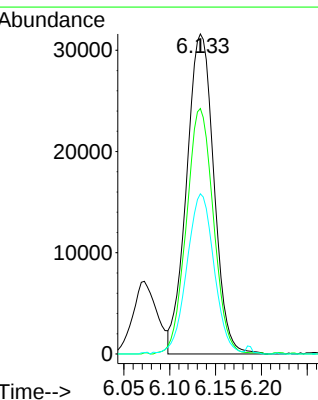
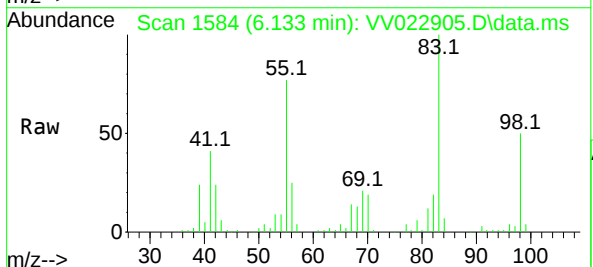
Tgt Ion: 83 Resp: 65457

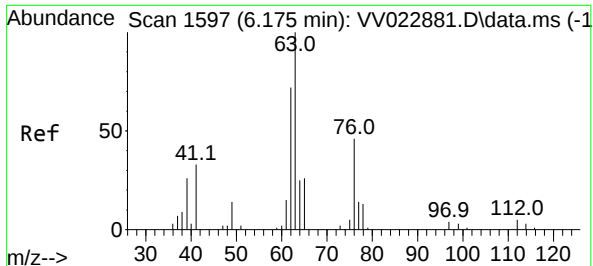
Ion Ratio Lower Upper

83 100

55 76.1 63.8 95.6

98 50.0 42.1 63.1

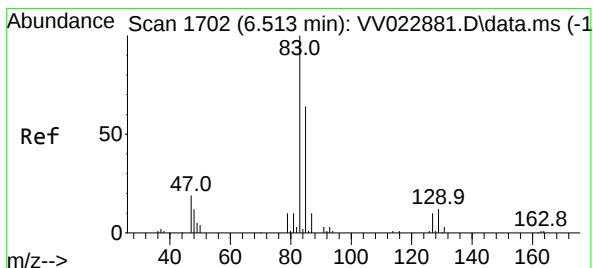
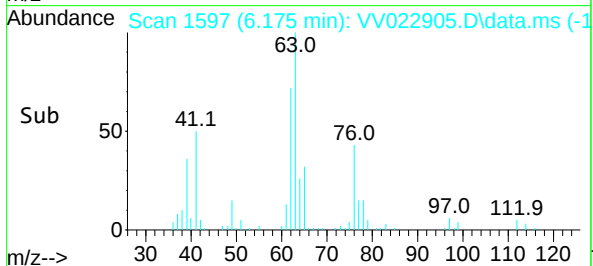
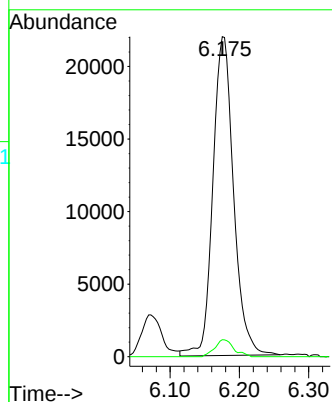
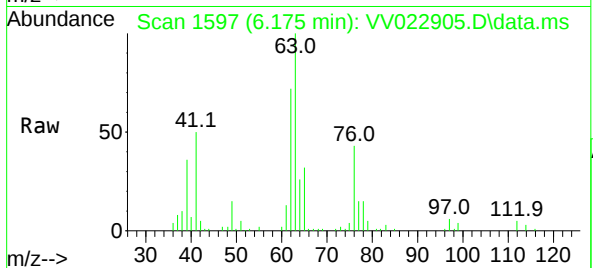




#37
1,2-Dichloropropane
Concen: 5.504 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

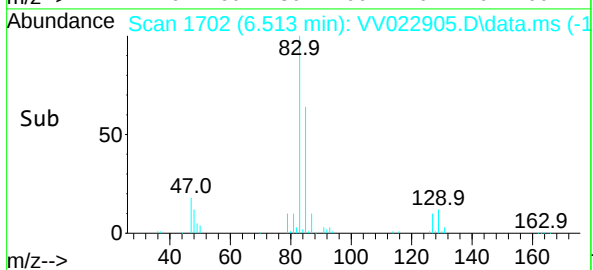
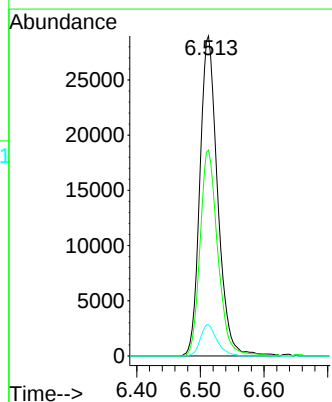
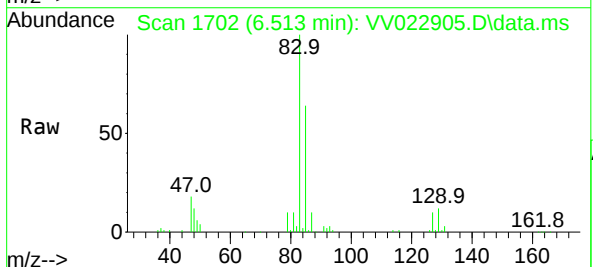
Instrument :
MSVOA_V
ClientSampled :

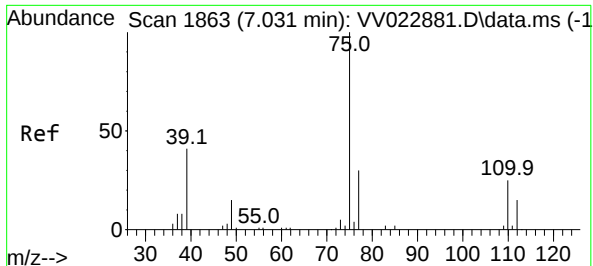
Tgt Ion: 63 Resp: 45648
Ion Ratio Lower Upper
63 100
112 4.9 4.4 6.6



#38
Bromodichloromethane
Concen: 5.489 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 83 Resp: 56097
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
127 9.8 7.7 11.5

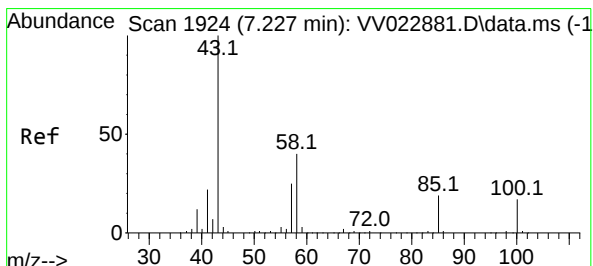
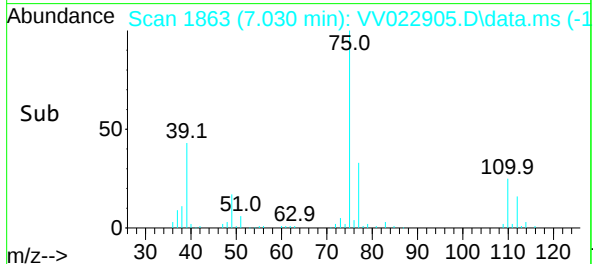
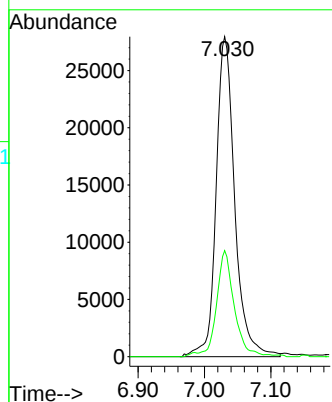
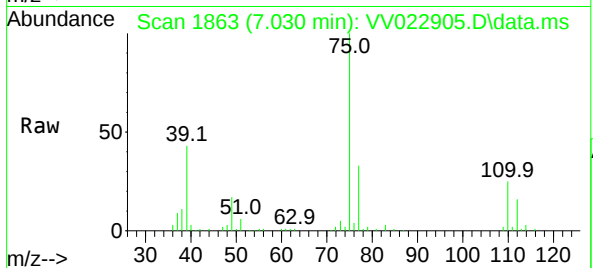




#39
 cis-1,3-Dichloropropene
 Concen: 4.960 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

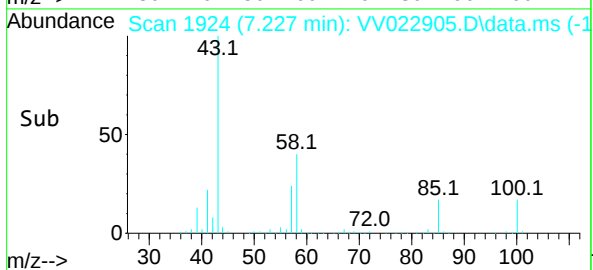
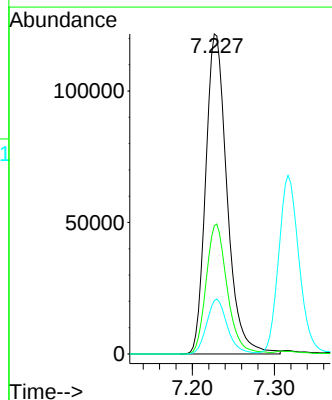
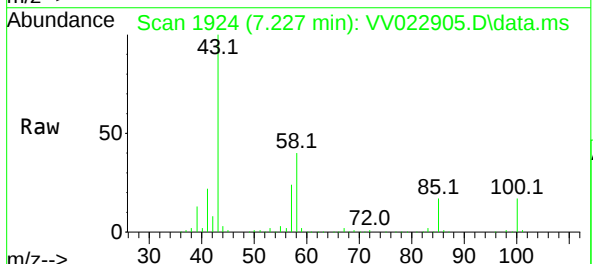
Instrument :
 MSVOA_V
 ClientSampled :

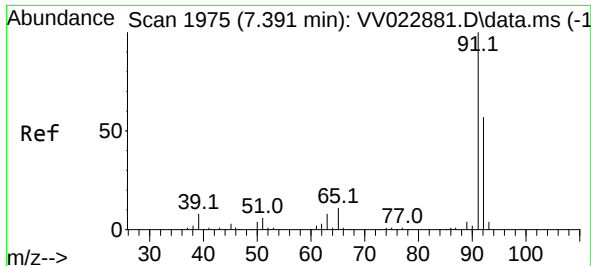
Tgt Ion: 75 Resp: 54456
 Ion Ratio Lower Upper
 75 100
 77 33.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 49.533 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Tgt Ion: 43 Resp: 220744
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0
 100 16.5 14.2 21.2

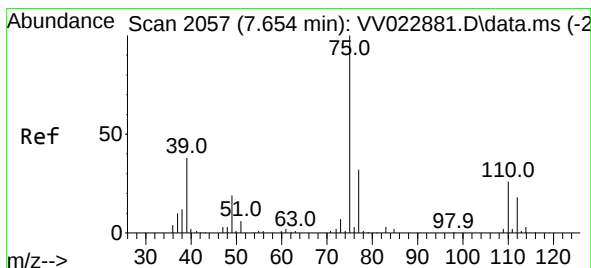
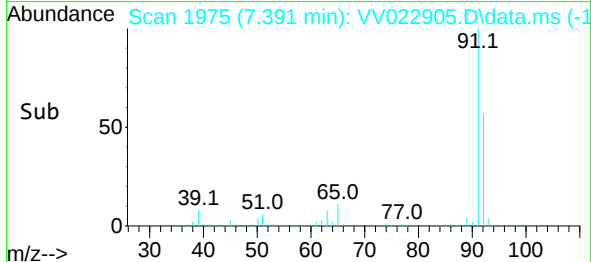
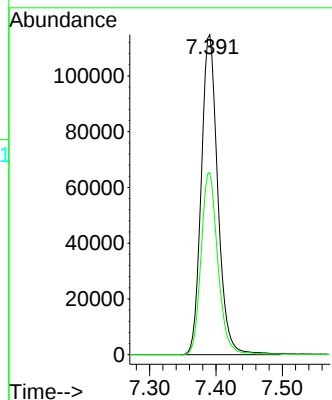
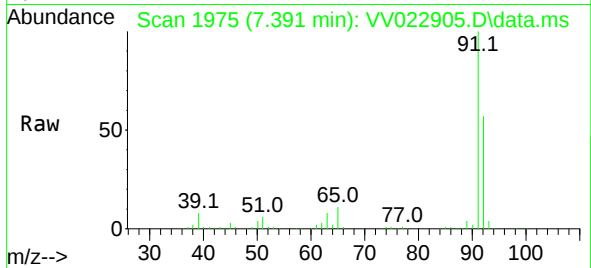




#42
Toluene
Concen: 5.688 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

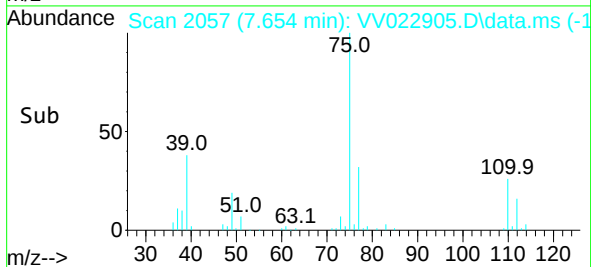
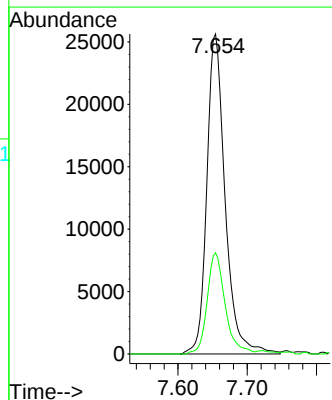
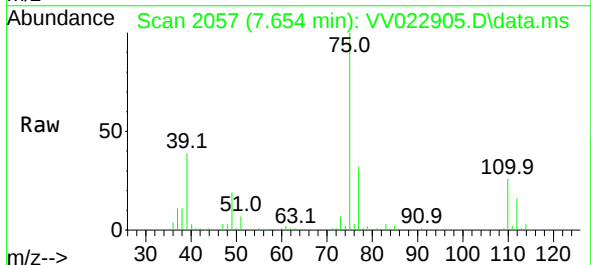
Instrument :
MSVOA_V
ClientSampled :

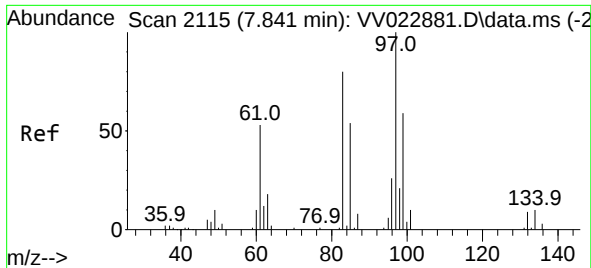
Tgt Ion: 91 Resp: 199144
Ion Ratio Lower Upper
91 100
92 56.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.246 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 75 Resp: 46957
Ion Ratio Lower Upper
75 100
77 31.6 23.9 44.5

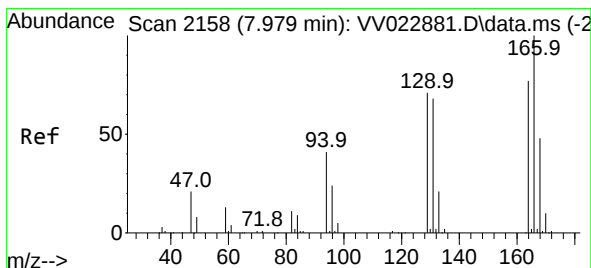
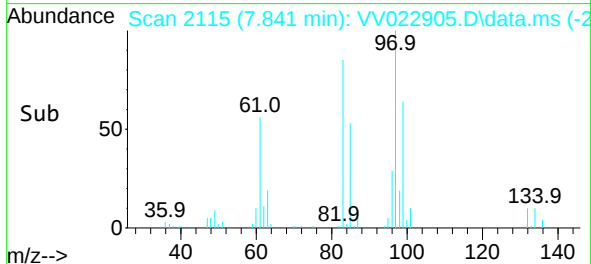
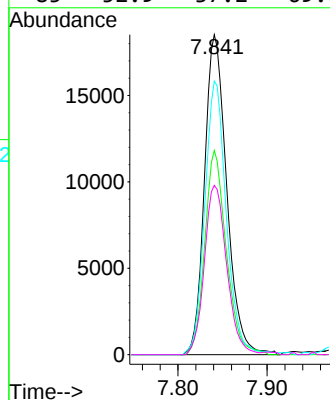
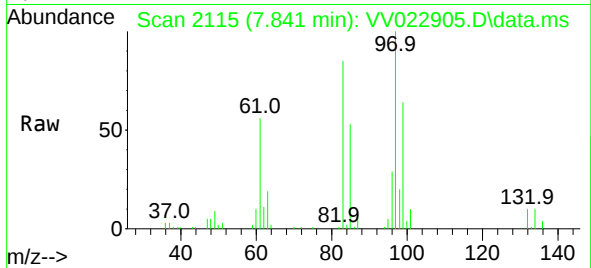




#45
1,1,2-Trichloroethane
Concen: 5.207 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

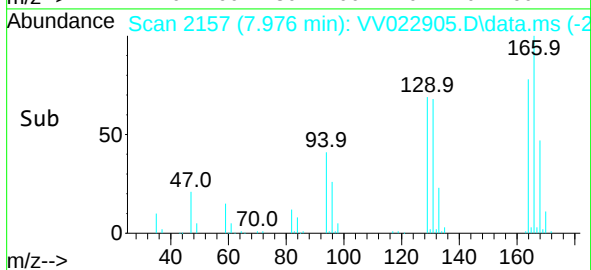
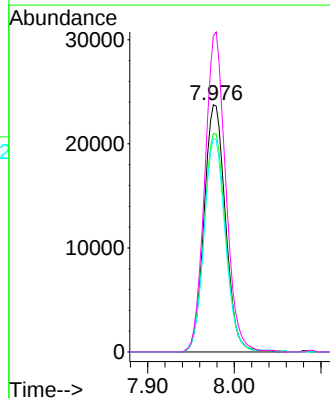
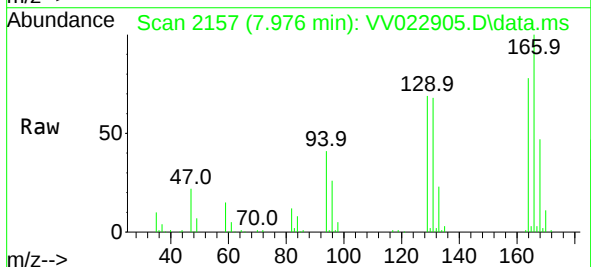
Instrument :
MSVOA_V
ClientSampled :

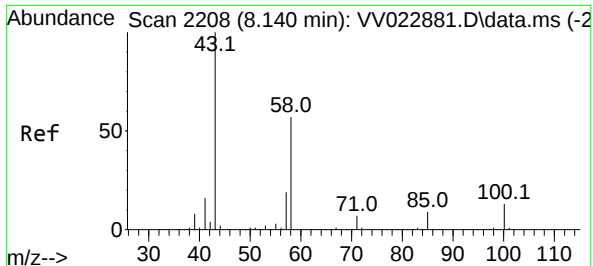
Tgt Ion:	97	Resp:	32047
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.5	82.7
83	85.5	56.6	105.0
85	52.9	37.2	69.0



#47
Tetrachloroethene
Concen: 5.349 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion:	164	Resp:	40565
Ion	Ratio	Lower	Upper
164	100		
129	88.3	65.0	120.6
131	86.5	62.2	115.4
166	127.8	89.2	165.8



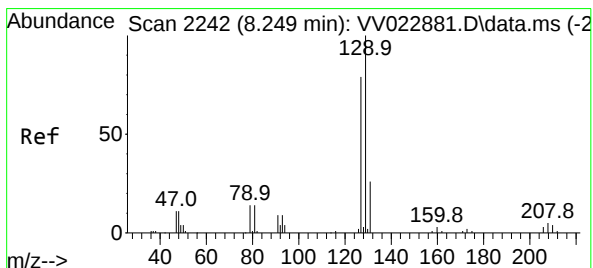
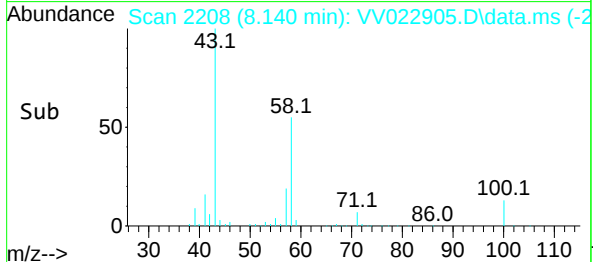
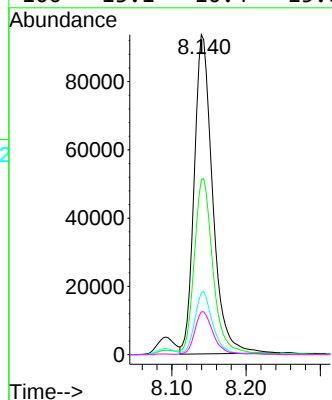
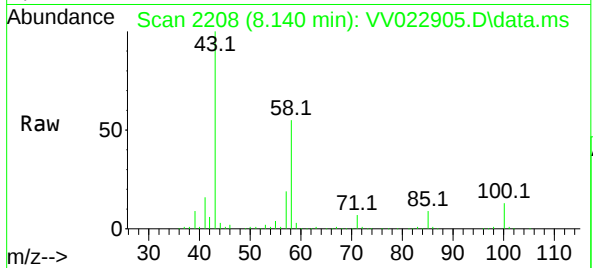


#48
2-Hexanone
Concen: 49.631 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 161719

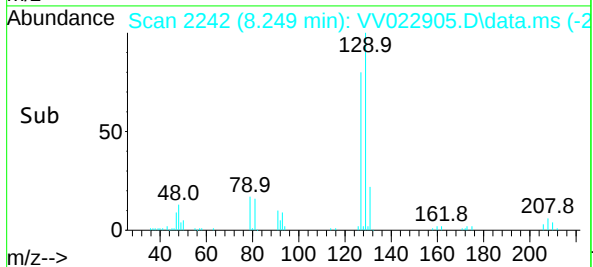
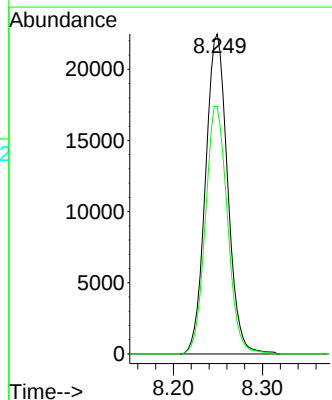
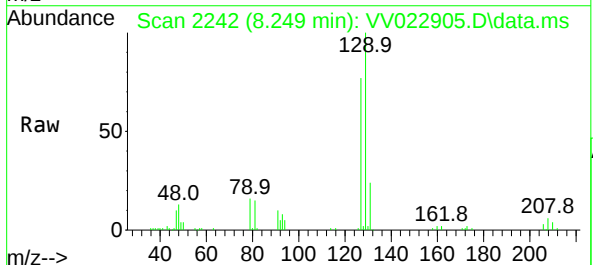
Ion	Ratio	Lower	Upper
43	100		
58	55.7	47.4	71.0
57	18.7	15.3	22.9
100	13.1	10.4	15.6

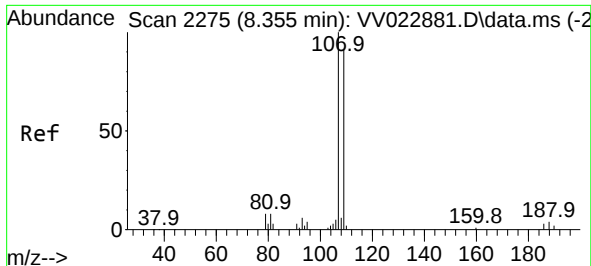


#49
Dibromochloromethane
Concen: 5.367 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 129 Resp: 38670

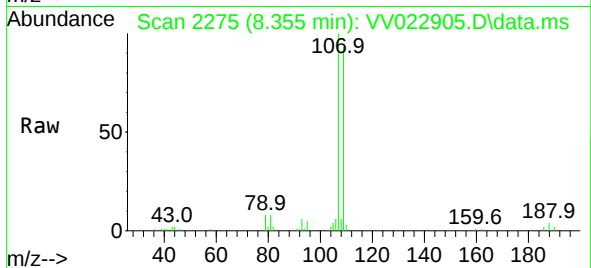
Ion	Ratio	Lower	Upper
129	100		
127	77.3	59.1	109.9



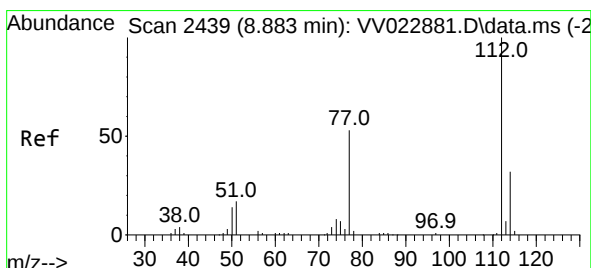
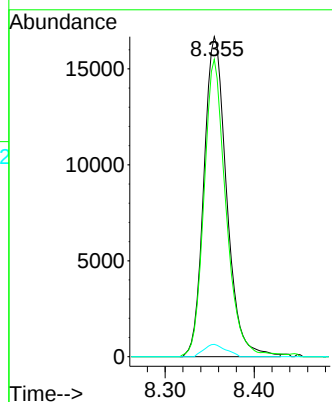
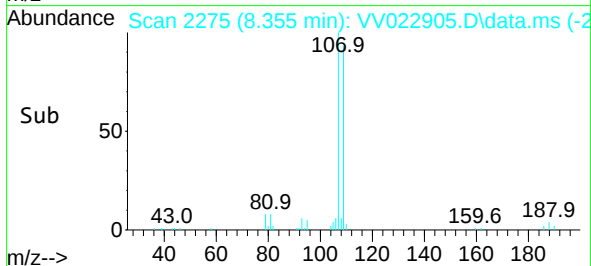


#50
1,2-Dibromoethane
Concen: 5.139 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

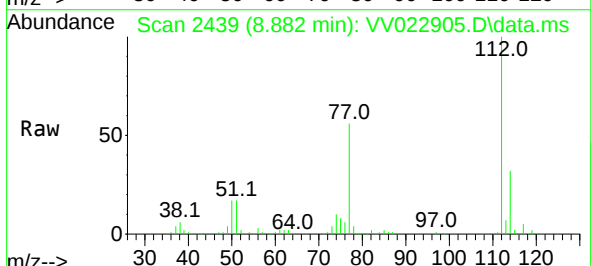
Instrument :
MSVOA_V
ClientSampled :



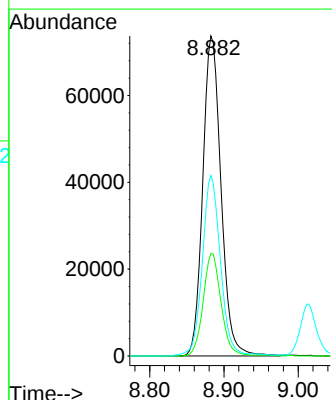
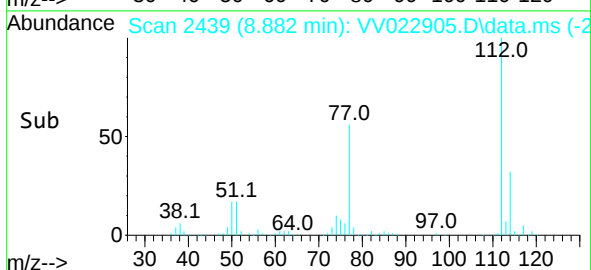
Tgt Ion:107 Resp: 29531
Ion Ratio Lower Upper
107 100
109 92.9 67.1 124.5
188 3.8 3.4 5.0

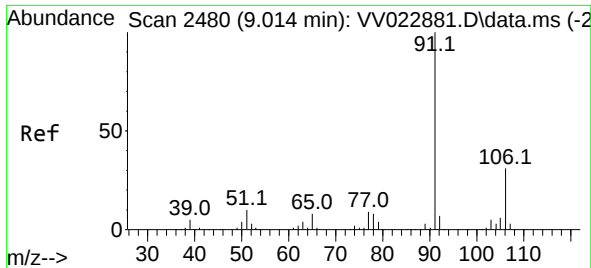


#51
Chlorobenzene
Concen: 5.472 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04



Tgt Ion:112 Resp: 125878
Ion Ratio Lower Upper
112 100
114 32.1 21.6 40.2
77 56.4 43.7 65.5

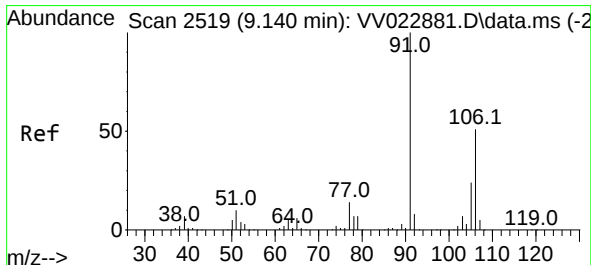
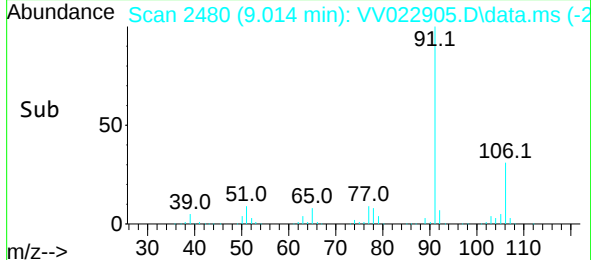
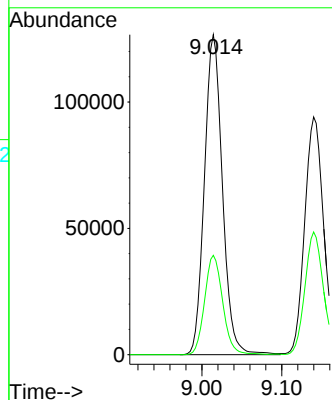
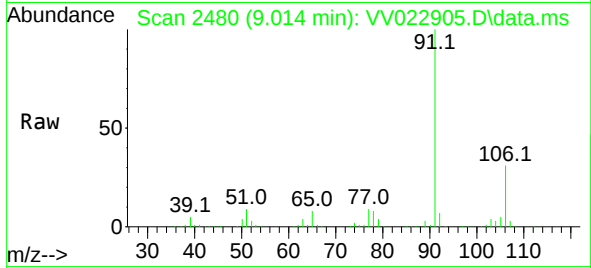




#52
Ethylbenzene
Concen: 5.592 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

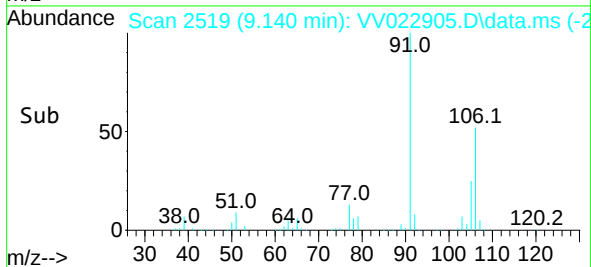
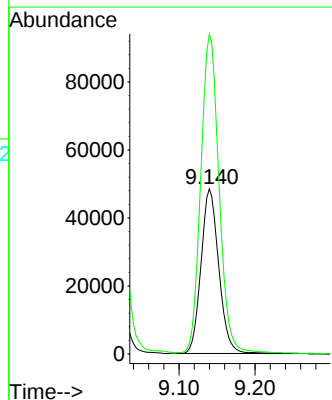
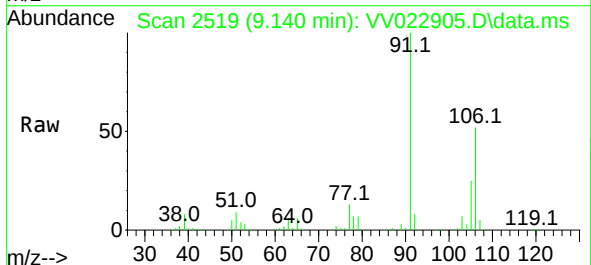
Instrument :
MSVOA_V
ClientSampled :

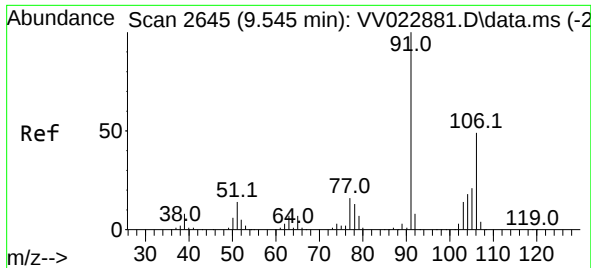
Tgt Ion: 91 Resp: 198746
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-xylene
Concen: 5.616 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 106 Resp: 78344
Ion Ratio Lower Upper
106 100
91 193.7 138.7 257.5

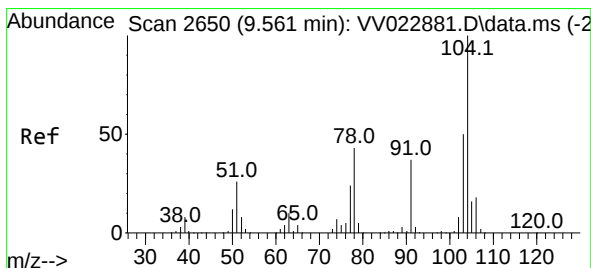
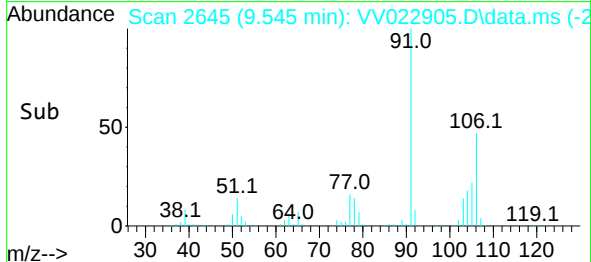
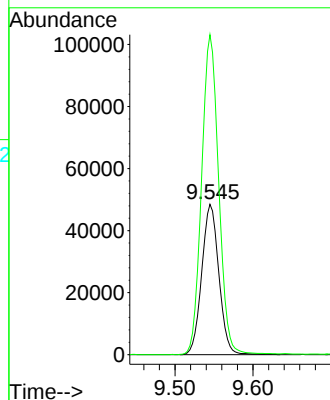
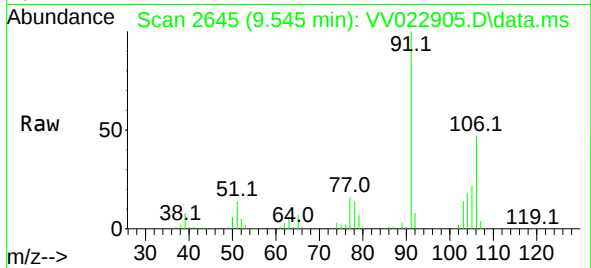




#54
o-xylene
Concen: 5.634 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

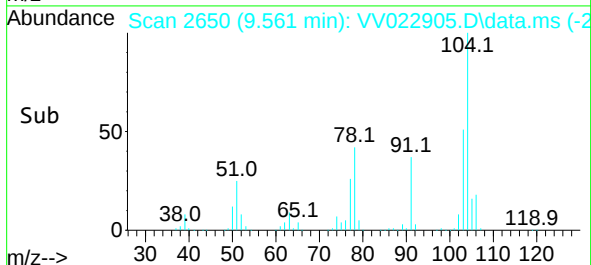
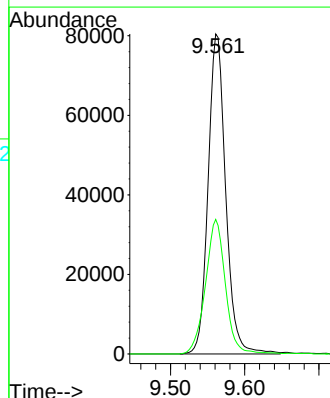
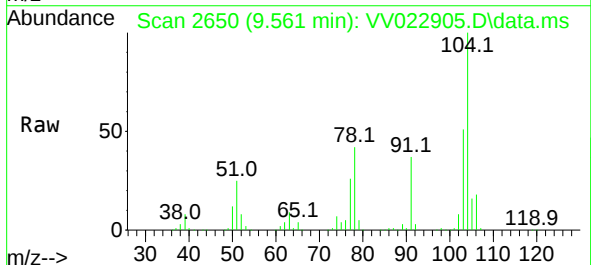
Instrument :
MSVOA_V
ClientSampled :

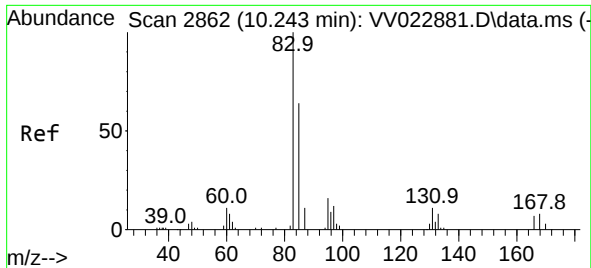
Tgt Ion:106 Resp: 73937
Ion Ratio Lower Upper
106 100
91 212.7 151.1 280.7



#55
Styrene
Concen: 5.845 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion:104 Resp: 132153
Ion Ratio Lower Upper
104 100
78 42.0 29.5 54.7

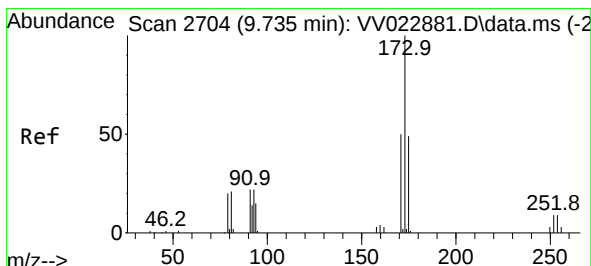
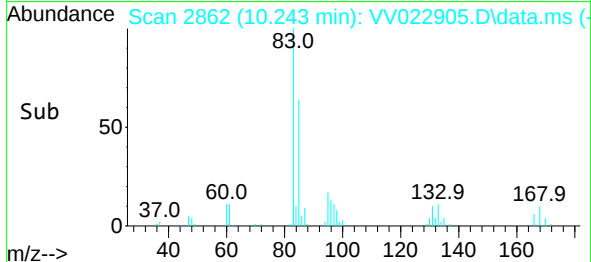
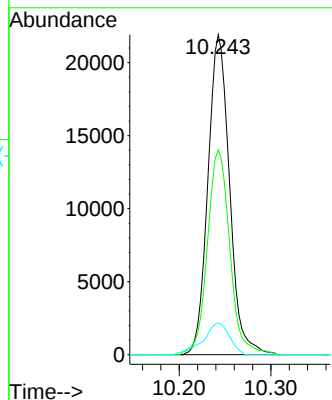
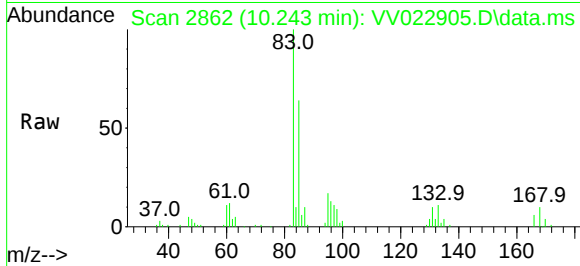




#57
1,1,2,2-Tetrachloroethane
Concen: 5.755 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

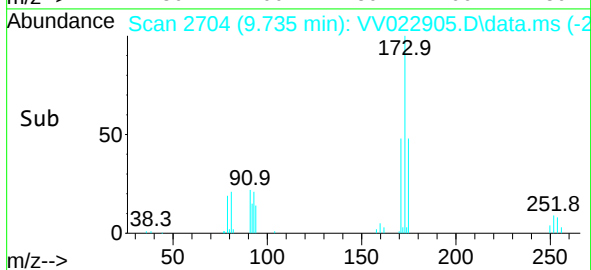
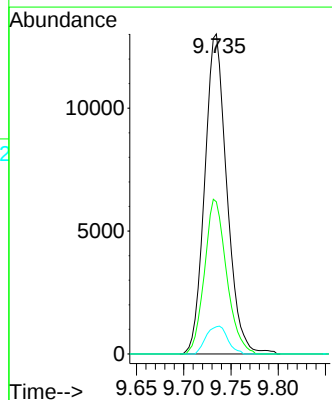
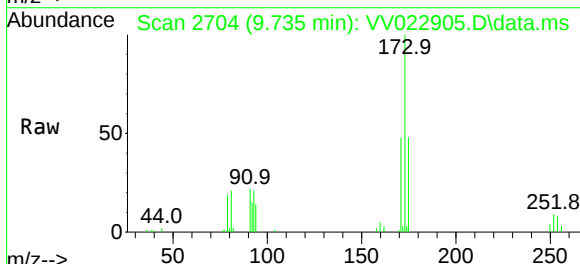
Instrument :
MSVOA_V
ClientSampleId :

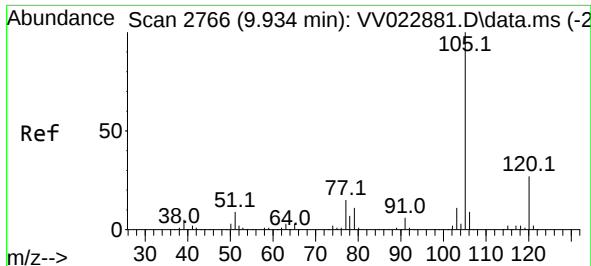
Tgt Ion: 83 Resp: 35834
Ion Ratio Lower Upper
83 100
85 64.0 46.0 85.4
131 9.8 8.4 12.6



#59
Bromoform
Concen: 5.194 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 173 Resp: 21189
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 8.4 7.1 10.7

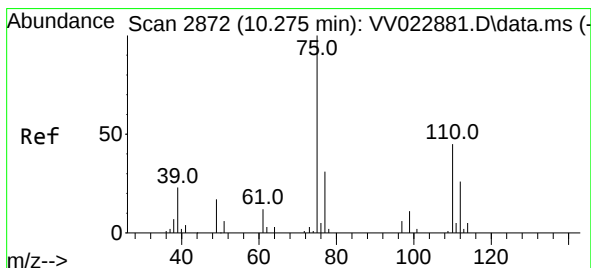
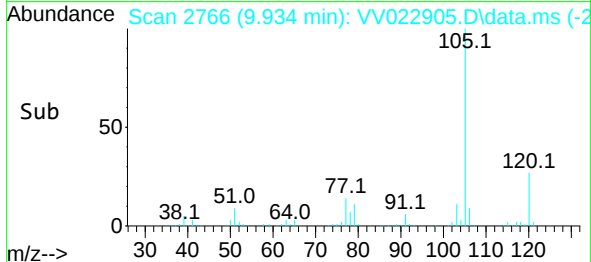
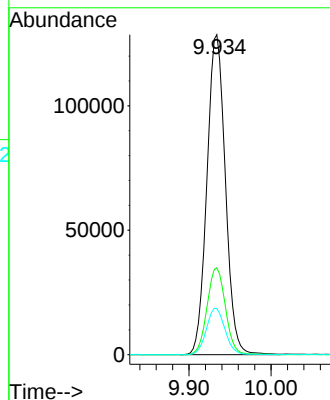
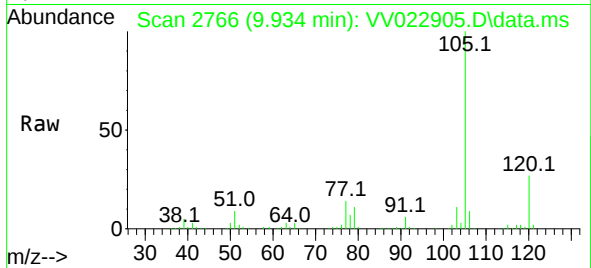




#60
Isopropylbenzene
Concen: 5.436 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

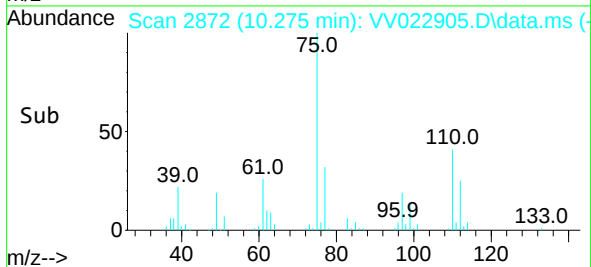
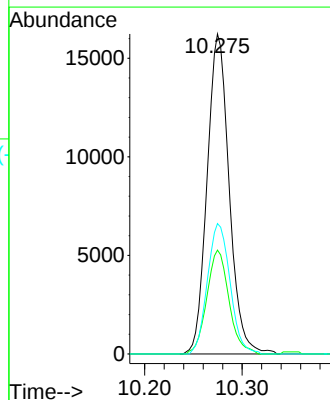
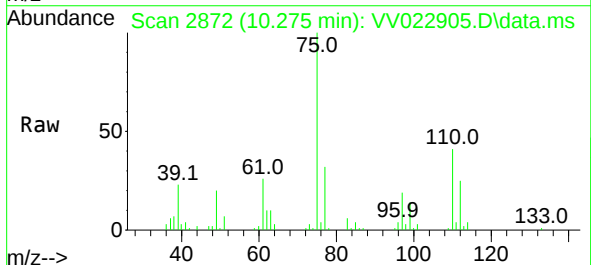
Instrument :
MSVOA_V
ClientSampleId :

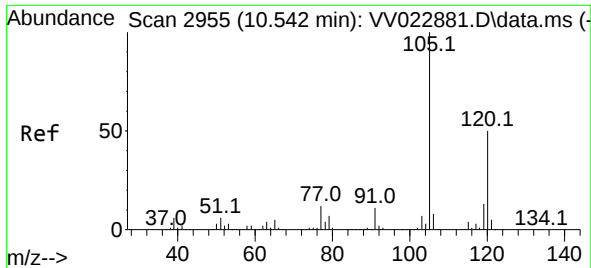
Tgt Ion:105 Resp: 201112
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.8
77 14.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.046 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion: 75 Resp: 25536
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2
110 41.8 34.2 51.4

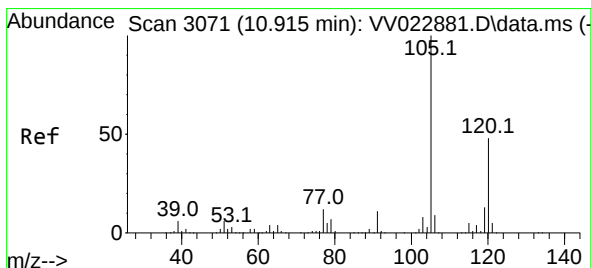
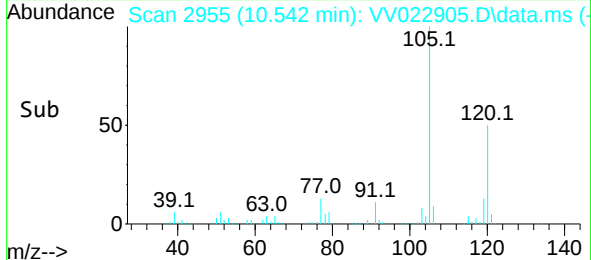
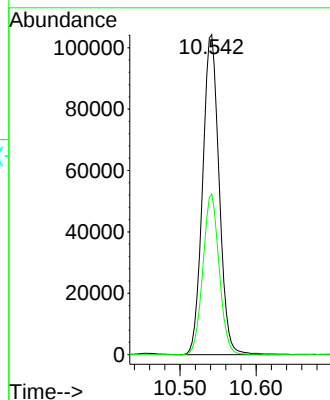
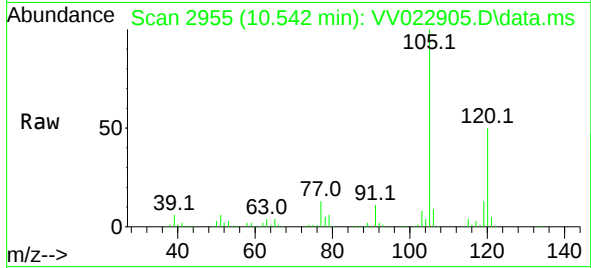




#62
 1,3,5-Trimethylbenzene
 Concen: 5.266 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

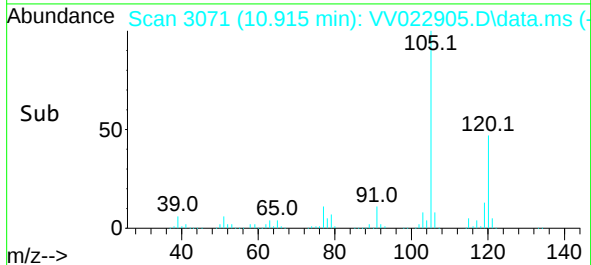
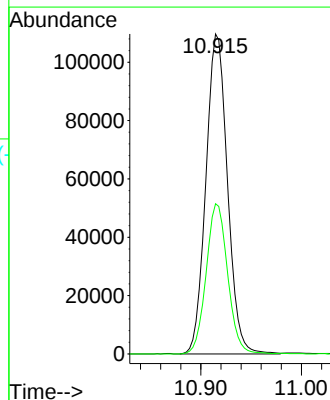
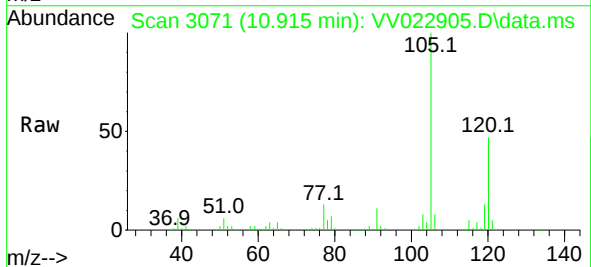
Instrument :
 MSVOA_V
 ClientSampled :

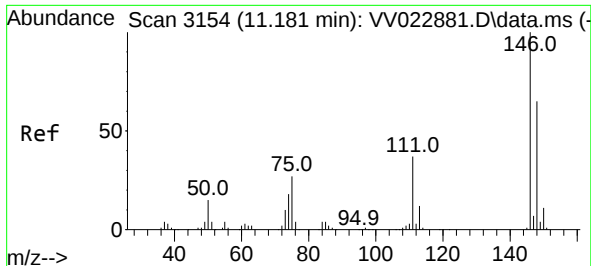
Tgt Ion:105 Resp: 157393
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.469 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Tgt Ion:105 Resp: 163594
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.3 55.9

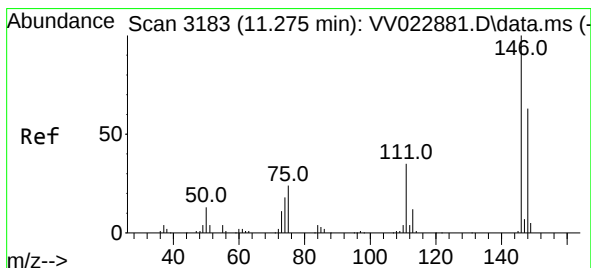
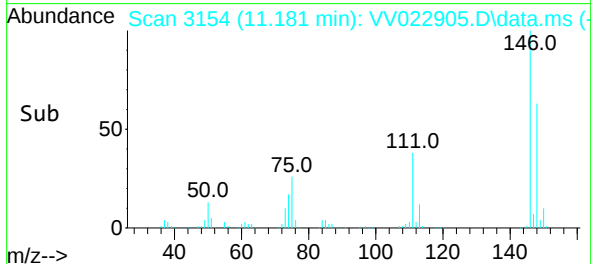
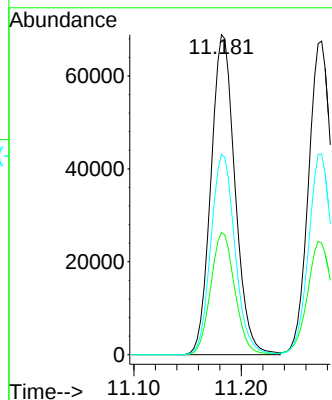
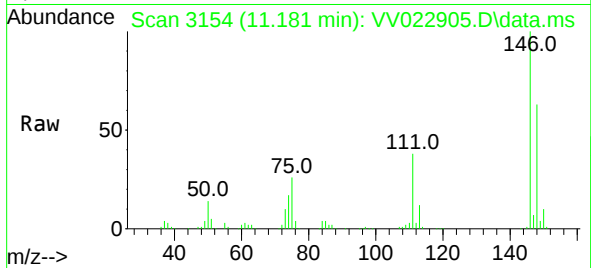




#64
1,3-Dichlorobenzene
Concen: 5.525 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

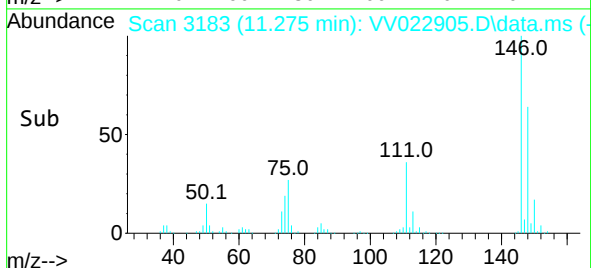
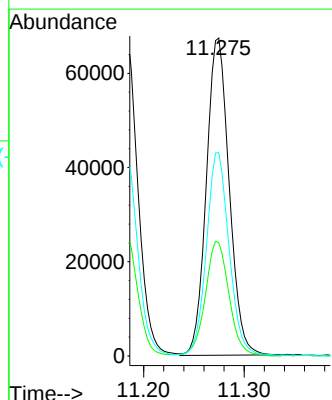
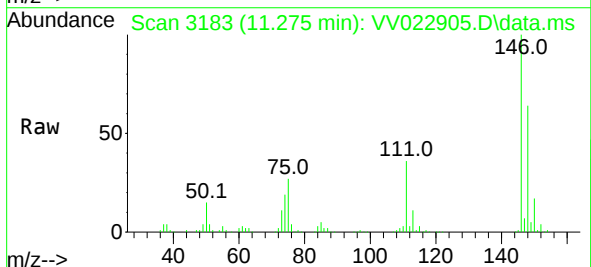
Instrument :
MSVOA_V
ClientSampled :

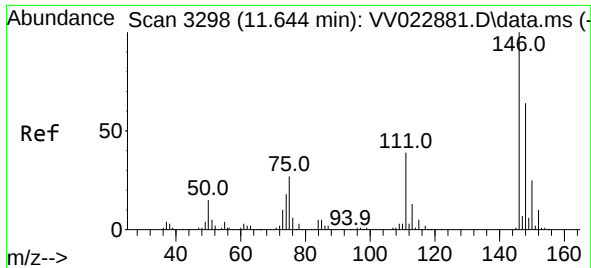
Tgt Ion:146 Resp: 107274
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.5
148 62.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.389 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion:146 Resp: 106242
Ion Ratio Lower Upper
146 100
111 35.6 25.6 47.4
148 64.0 44.9 83.5

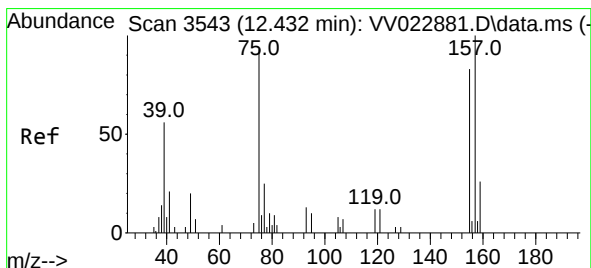
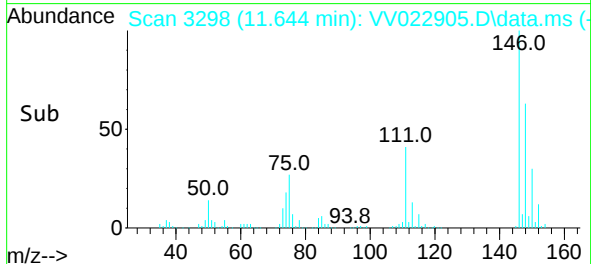
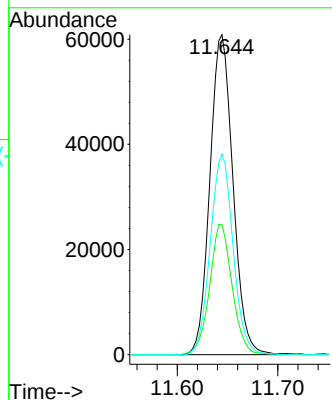
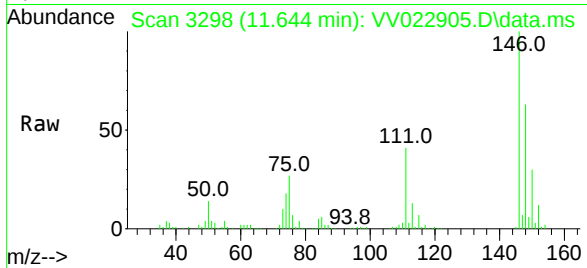




#67
1,2-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

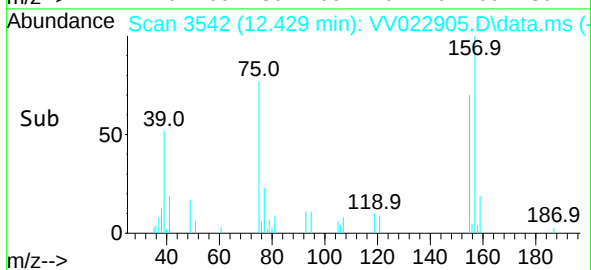
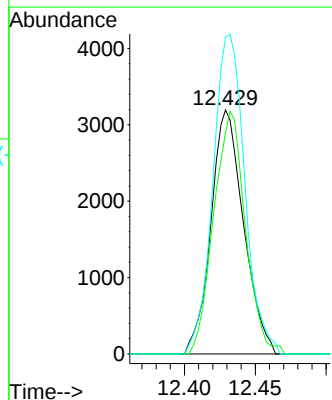
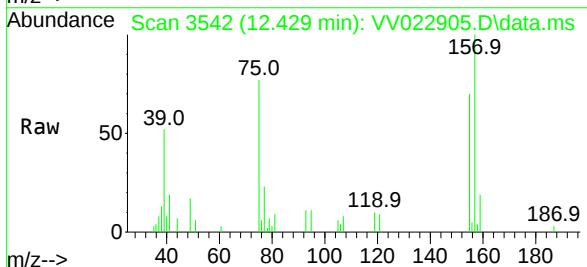
Instrument :
MSVOA_V
ClientSampled :

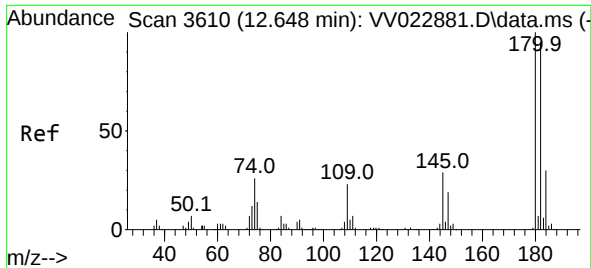
Tgt Ion:146 Resp: 97036
Ion Ratio Lower Upper
146 100
111 40.6 32.3 48.5
148 62.7 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.546 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

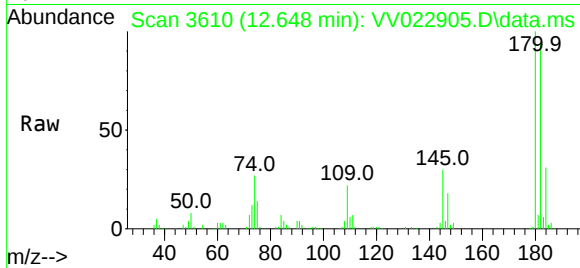
Tgt Ion: 75 Resp: 5108
Ion Ratio Lower Upper
75 100
155 90.7 82.4 123.6
157 129.8 114.1 171.1



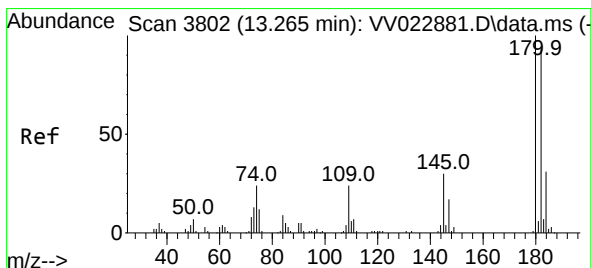
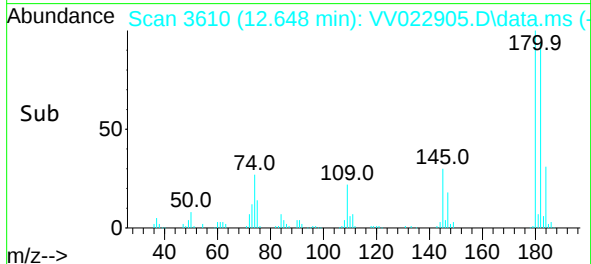
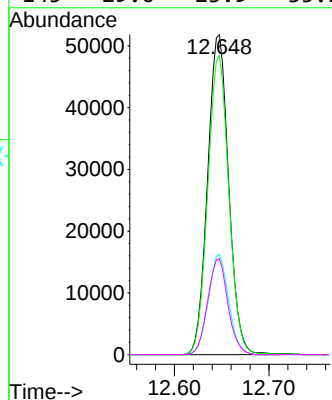


#69
 1,3,5-Trichlorobenzene
 Concen: 5.471 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Instrument :
 MSVOA_V
 ClientSampled :

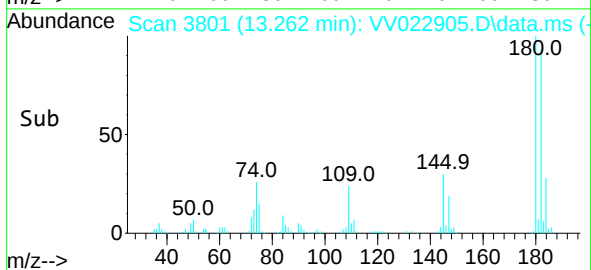
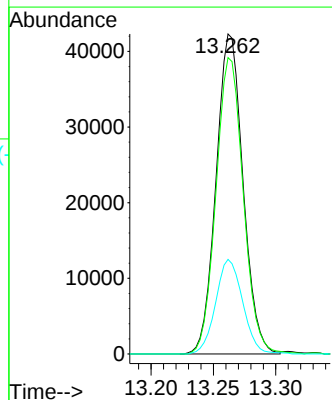
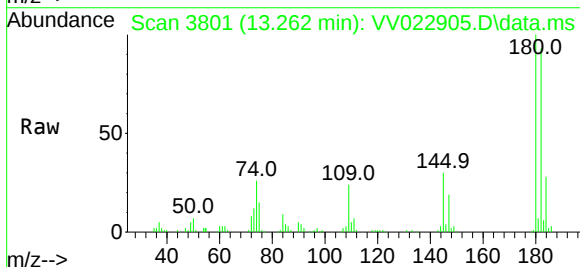


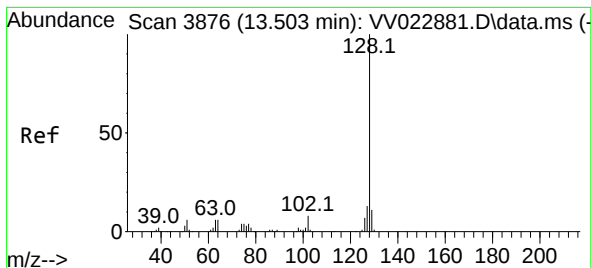
Tgt Ion:	180	Resp:	80016
Ion Ratio	Lower	Upper	
180	100		
182	93.5	77.0	115.6
184	30.3	24.5	36.7
145	29.0	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.698 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.003 min
 Lab File: VV022905.D
 Acq: 19 Oct 2021 07:04

Tgt Ion:	180	Resp:	63666
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.0	114.0
145	29.7	24.1	36.1

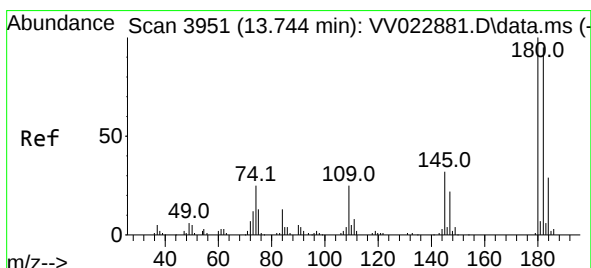
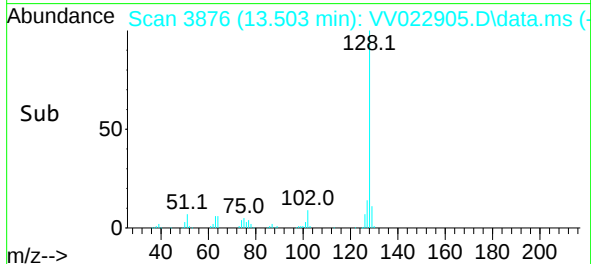
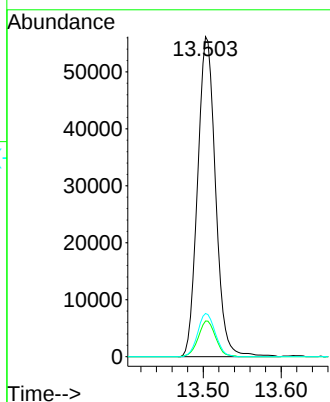
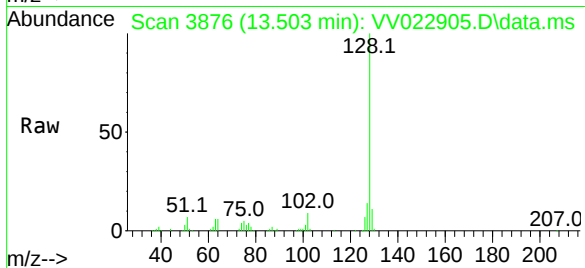




#71
Naphthalene
Concen: 5.053 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 89733
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 13.2 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.393 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022905.D
Acq: 19 Oct 2021 07:04

Tgt Ion:180 Resp: 56820
Ion Ratio Lower Upper
180 100
182 96.5 75.5 113.3
145 31.9 24.7 37.1

