

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020322\
 Data File : VW024538.D
 Acq On : 03 Feb 2022 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 04 03:37:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	332883	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	304036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109820	46.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.564	69	109506	53.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.300%
11) 1,1-Dichloroethene-d2	2.105	63	229344	48.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
21) 2-Butanone-d5	3.879	46	166760	106.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	4.342	84	215552	49.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
26) 1,2-Dichloroethane-d4	5.027	65	138418	49.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
32) Benzene-d6	5.043	84	423965	49.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	6.066	67	135927	49.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.780%
41) Toluene-d8	7.313	98	385769	48.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.619	79	69340	47.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
47) 2-Hexanone-d5	8.085	63	122221	104.565	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	165588	50.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.380%
66) 1,2-Dichlorobenzene-d4	11.622	152	131364	48.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124322	50.516	ug/L	100
3) Chloromethane	1.240	50	126642	51.617	ug/L	98
5) Vinyl chloride	1.310	62	136594	52.402	ug/L	98
6) Bromomethane	1.519	94	87984	54.834	ug/L	98
8) Chloroethane	1.584	64	104205	58.603	ug/L	97
9) Trichlorofluoromethane	1.751	101	205988	53.299	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	108319	52.906	ug/L	98
12) 1,1-Dichloroethene	2.114	96	103450	52.522	ug/L	93
13) Acetone	2.175	43	162804	99.055	ug/L	99
14) Carbon disulfide	2.291	76	277532	50.812	ug/L	99
15) Methyl Acetate	2.429	43	117413	53.926	ug/L	99
16) Methylene chloride	2.503	84	112648	51.777	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	103583	51.426	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	369045	52.466	ug/L	100
19) 1,1-Dichloroethane	3.185	63	205445	52.620	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	118752	52.226	ug/L	99
22) 2-Butanone	3.963	43	193143	104.360	ug/L	96
23) Bromochloromethane	4.243	128	57714	52.746	ug/L	95
25) Chloroform	4.371	83	212998	52.428	ug/L	99

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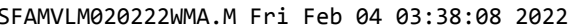
Instrument :
 MSVOA_V
 ClientSampleId :

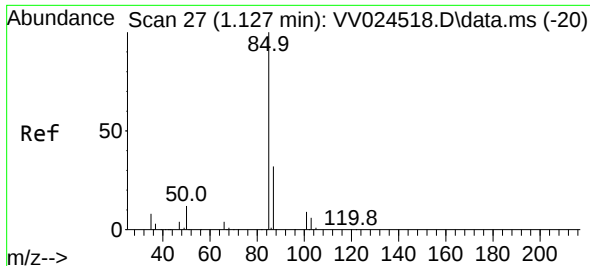
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	166002	52.128	ug/L	99
29) Cyclohexane	4.674	56	180159	50.767	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	191057	52.551	ug/L	99
31) Carbon tetrachloride	4.825	117	158558	52.811	ug/L	100
33) Benzene	5.095	78	452270	52.282	ug/L	100
34) Trichloroethene	5.908	95	128546	52.741	ug/L	97
35) Methylcyclohexane	6.127	83	186410	50.689	ug/L	100
37) 1,2-Dichloropropane	6.169	63	120193	52.694	ug/L	100
38) Bromodichloromethane	6.503	83	166408	52.036	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	200400	53.525	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	346178	108.359	ug/L	100
42) Toluene	7.384	91	484518	52.281	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	191169	52.576	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	114633	52.567	ug/L	99
46) Tetrachloroethene	7.972	164	75031	51.815	ug/L	97
48) 2-Hexanone	8.136	43	282135	103.833	ug/L	99
49) Dibromochloromethane	8.243	129	122336	53.150	ug/L	99
50) 1,2-Dibromoethane	8.349	107	120142	52.981	ug/L	99
51) Chlorobenzene	8.879	112	299929	51.857	ug/L	98
52) Ethylbenzene	9.008	91	533123	51.981	ug/L	97
53) m,p-Xylene	9.136	106	201594	52.530	ug/L	99
54) o-Xylene	9.542	106	200880	52.414	ug/L	97
55) Styrene	9.558	104	339753	52.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	157950	50.582	ug/L	99
59) Bromoform	9.728	173	74684	54.578	ug/L	99
60) Isopropylbenzene	9.927	105	531347	52.481	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	149680	53.183	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	450398	52.095	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	450605	51.787	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	217611	52.562	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	215587	51.412	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	217032	52.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	38266	51.591	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	144669	52.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	128996	52.730	ug/L	99
71) Naphthalene	13.500	128	485265	54.107	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	128600	53.815	ug/L	100

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

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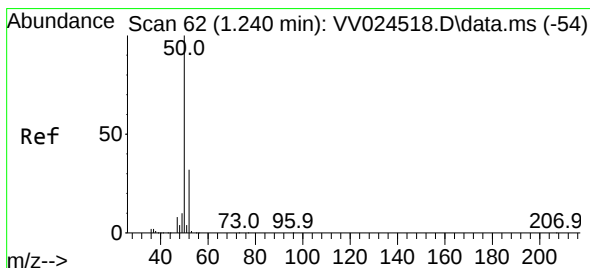
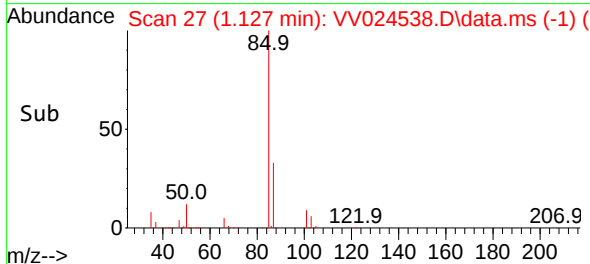
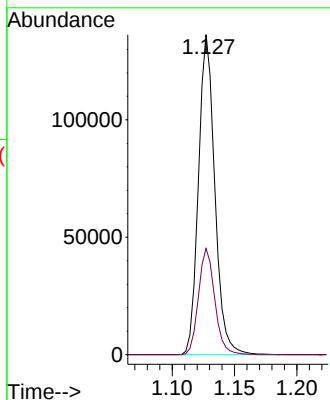
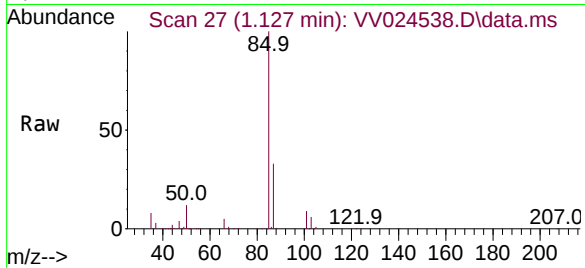




#2
 Dichlorodifluoromethane
 Concen: 50.516 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

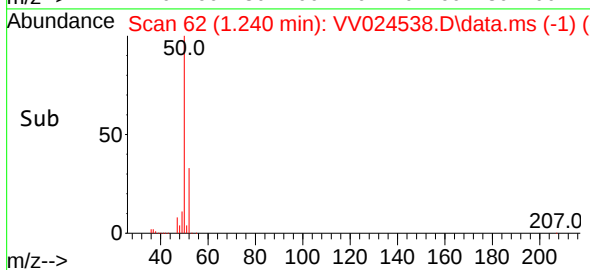
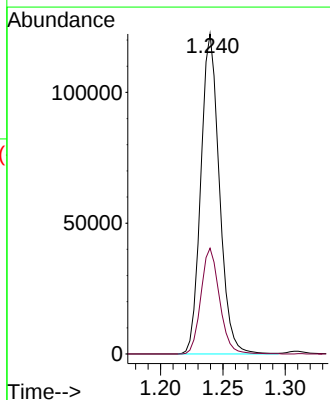
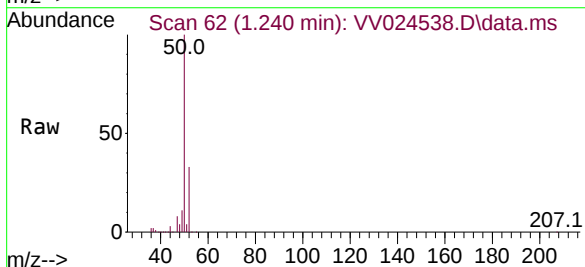
Instrument :
 MSVOA_V
 ClientSampleId :

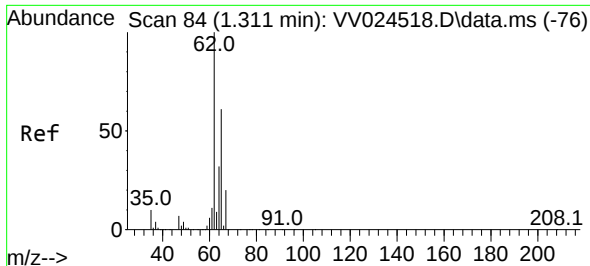
Tgt Ion: 85 Resp: 124322
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.2 39.4



#3
 Chloromethane
 Concen: 51.617 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

Tgt Ion: 50 Resp: 126642
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.7

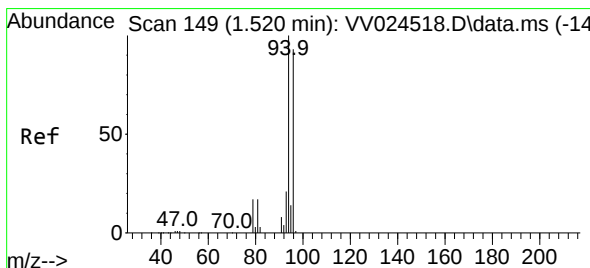
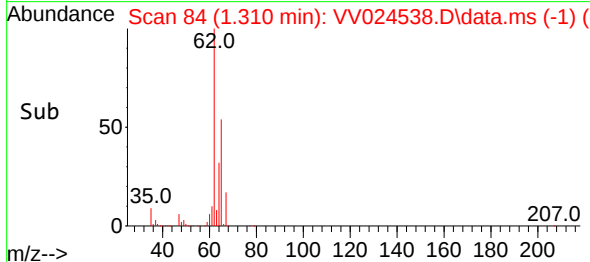
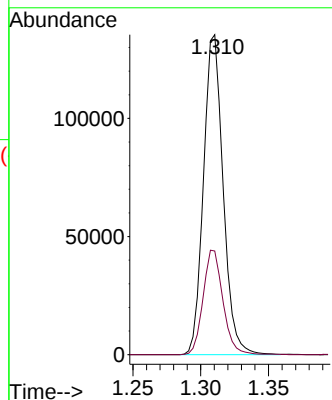
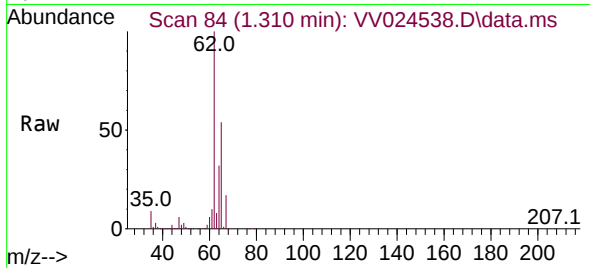




#5
 Vinyl chloride
 Concen: 52.402 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

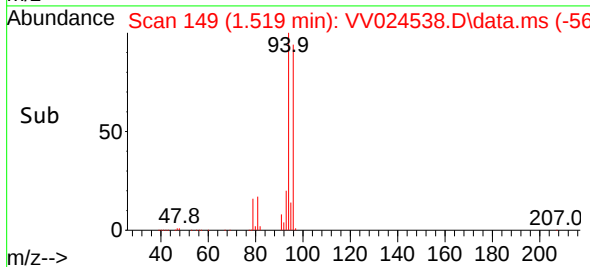
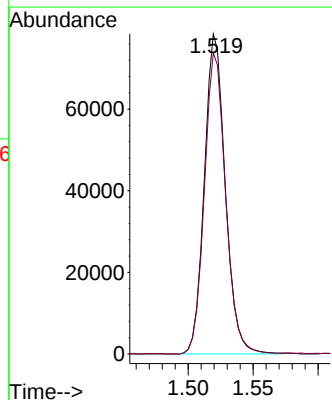
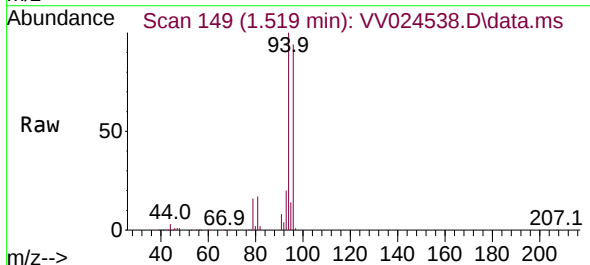
Instrument :
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 ClientSampleId :

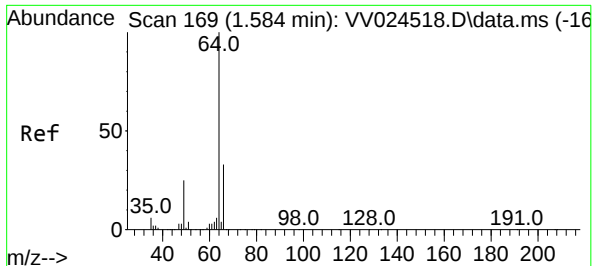
Tgt Ion: 62 Resp: 136594
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6



#6
 Bromomethane
 Concen: 54.834 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

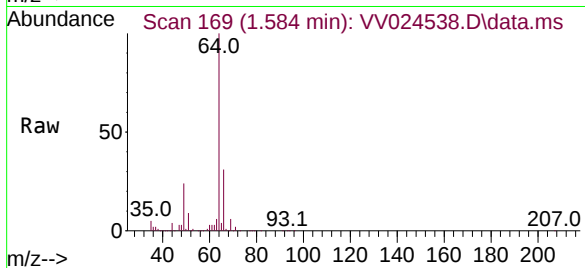
Tgt Ion: 94 Resp: 87984
 Ion Ratio Lower Upper
 94 100
 96 94.1 67.0 124.4



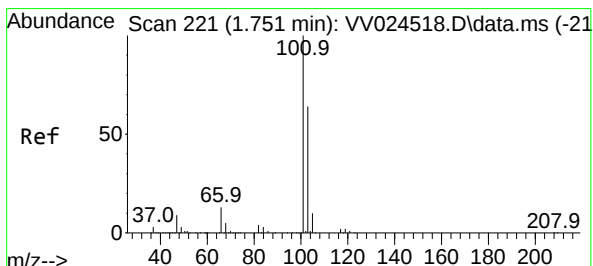
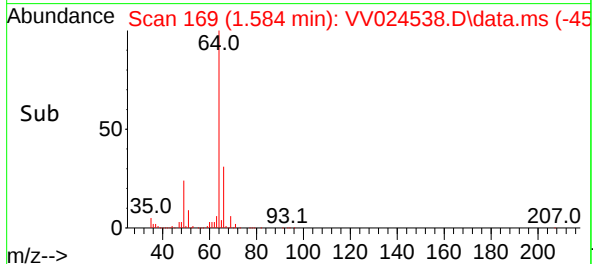
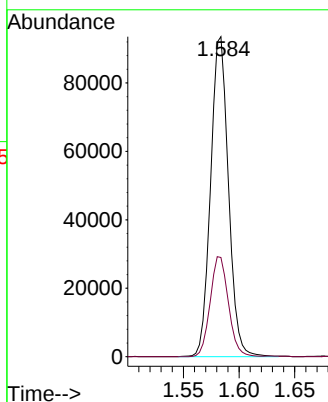


#8
Chloroethane
Concen: 58.603 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Instrument :
MSVOA_V
ClientSampleId :

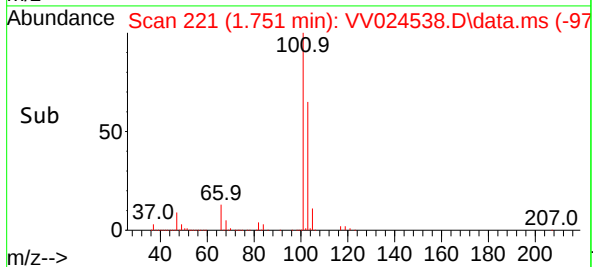
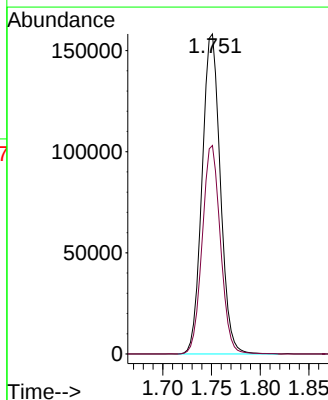
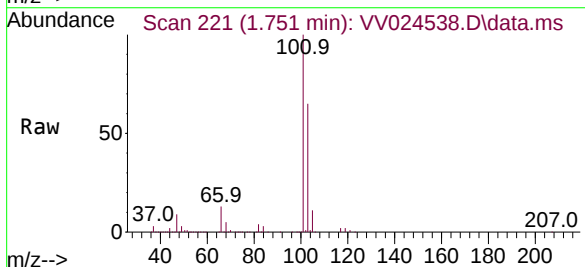


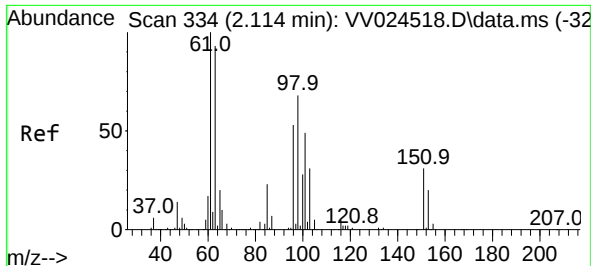
Tgt Ion: 64 Resp: 104205
Ion Ratio Lower Upper
64 100
66 31.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 53.299 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion:101 Resp: 205988
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

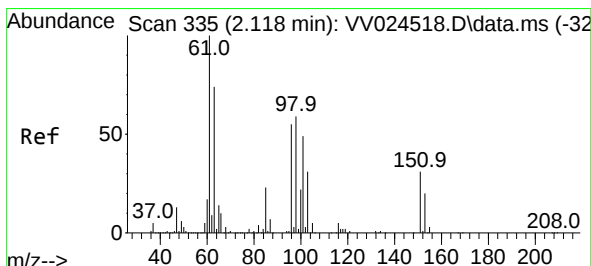
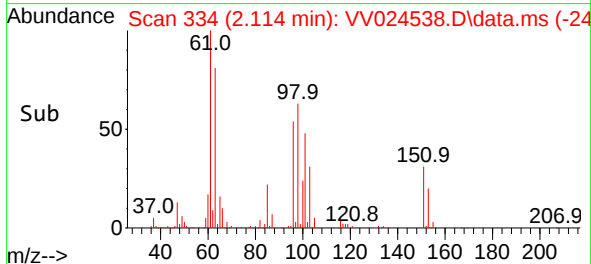
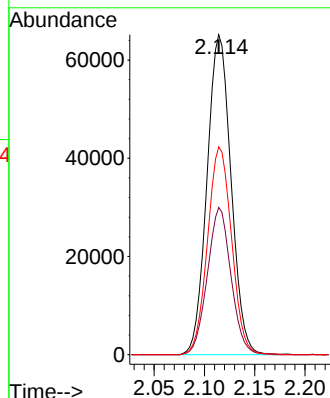
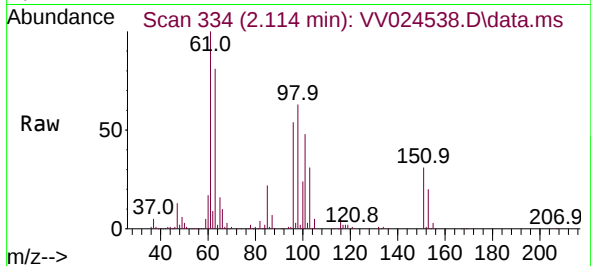




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.906 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

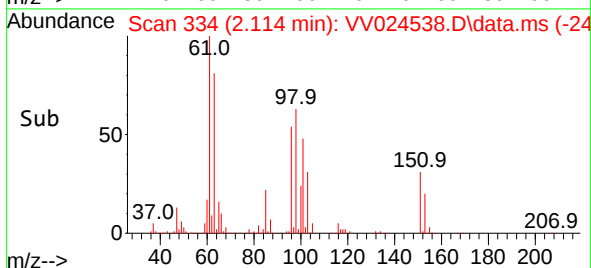
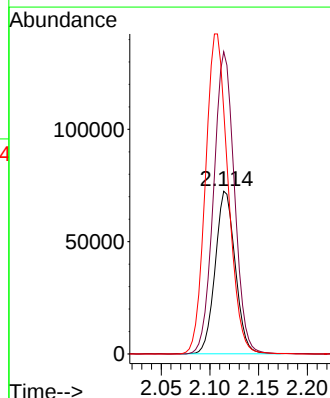
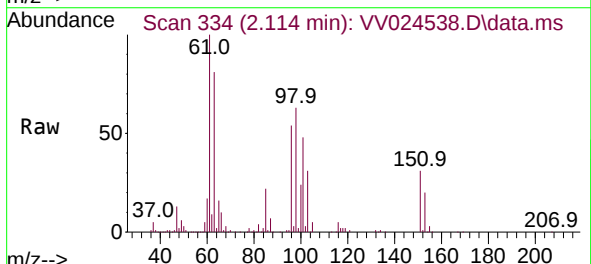
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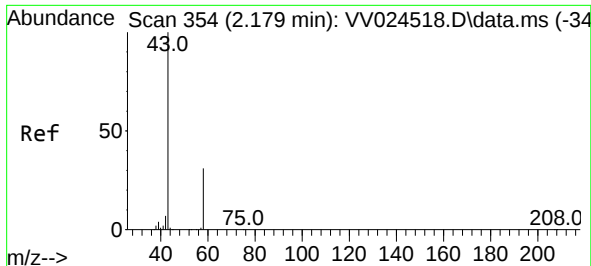
Tgt Ion:101 Resp: 108319
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.3 55.9
 151 65.0 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 52.522 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

Tgt Ion: 96 Resp: 103450
 Ion Ratio Lower Upper
 96 100
 61 185.8 127.1 236.1
 63 150.0 94.5 175.5





#13

Acetone

Concen: 99.055 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

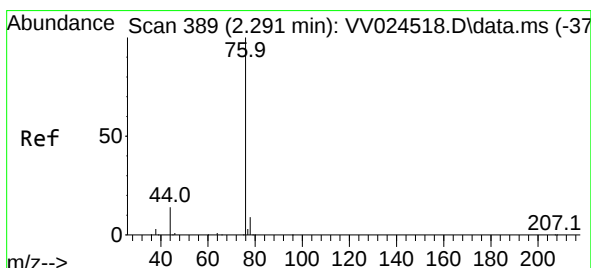
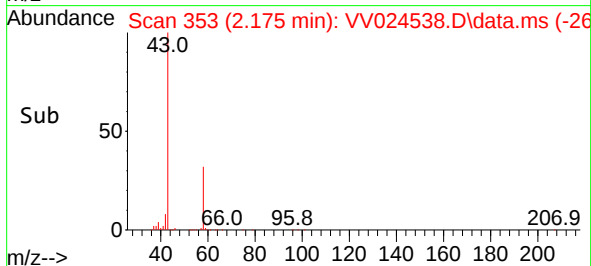
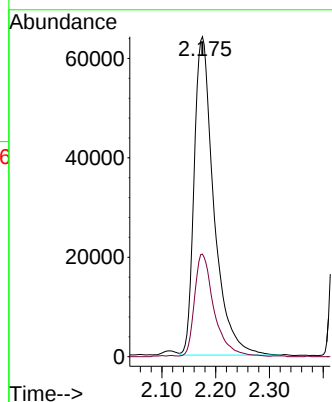
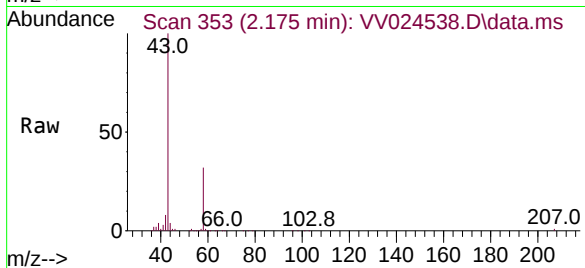
ClientSampleId :

Tgt Ion: 43 Resp: 162804

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.0



#14

Carbon disulfide

Concen: 50.812 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV024538.D

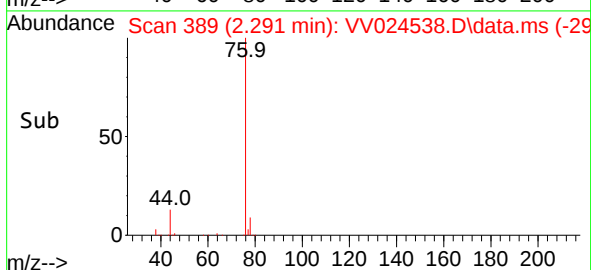
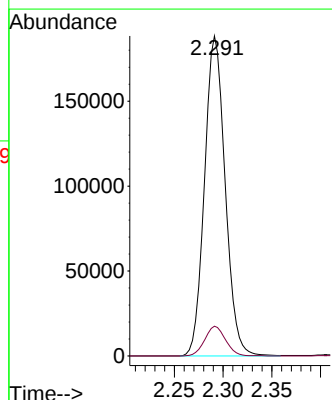
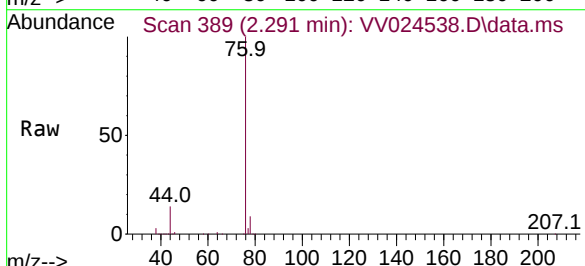
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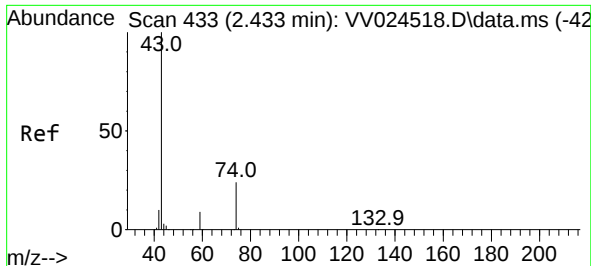
Tgt Ion: 76 Resp: 277532

Ion Ratio Lower Upper

76 100

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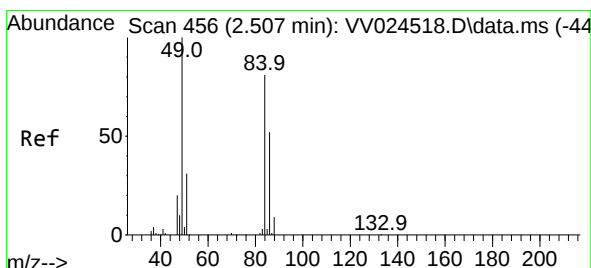
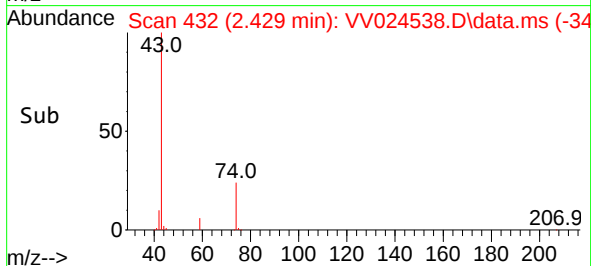
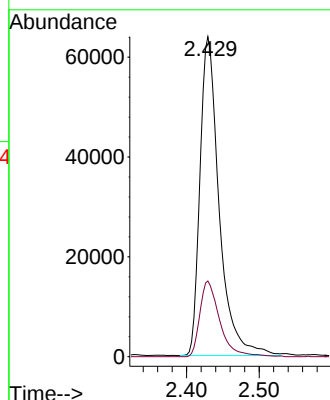
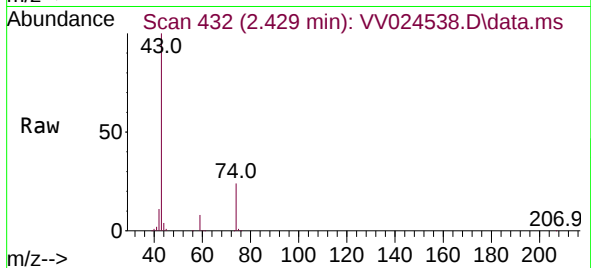




#15
Methyl Acetate
Concen: 53.926 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

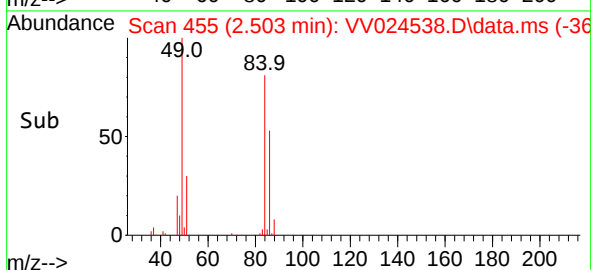
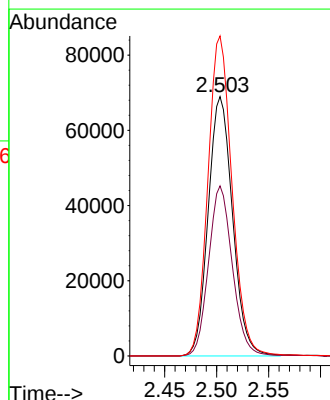
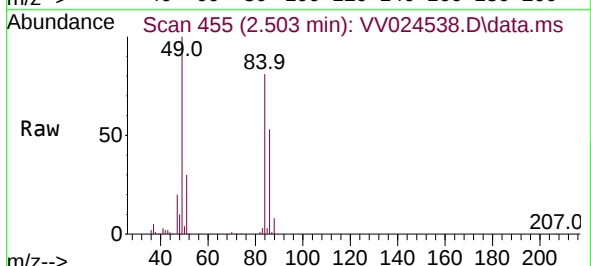
Instrument :
MSVOA_V
ClientSampleId :

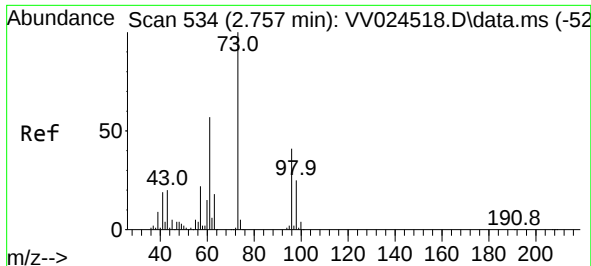
Tgt Ion: 43 Resp: 117413
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



#16
Methylene chloride
Concen: 51.777 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 84 Resp: 112648
Ion Ratio Lower Upper
84 100
86 65.6 45.5 84.5
49 123.4 87.0 161.6

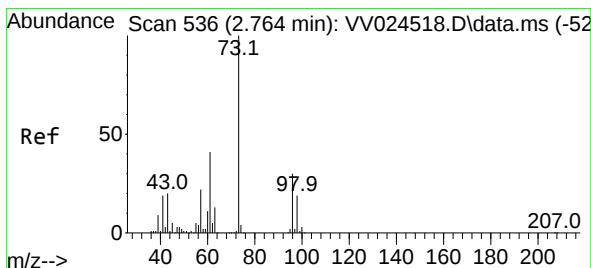
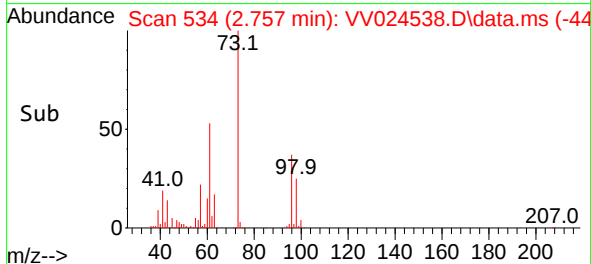
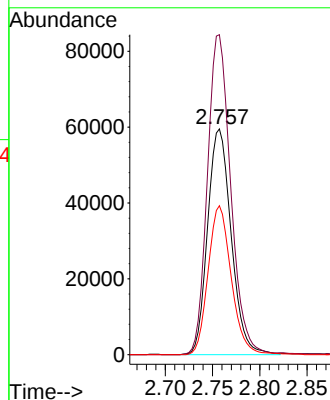
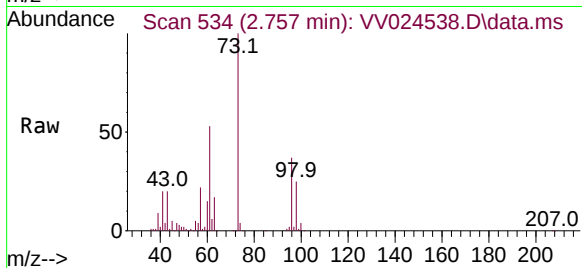




#17
trans-1,2-Dichloroethene
Concen: 51.426 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

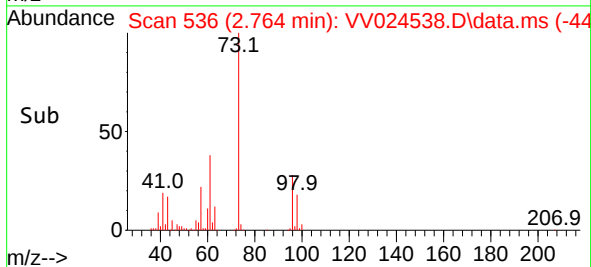
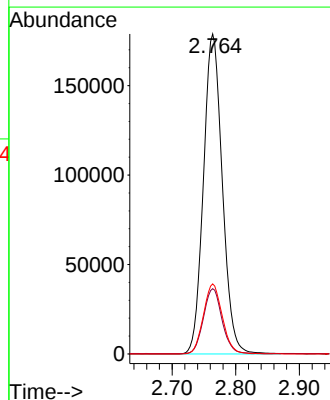
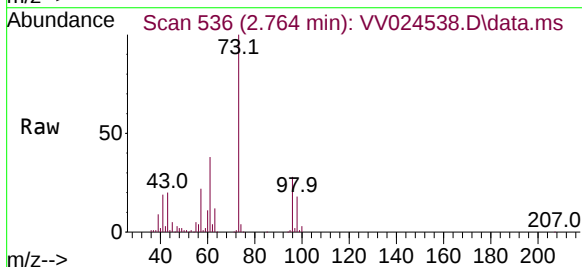
Instrument :
MSVOA_V
ClientSampleId :

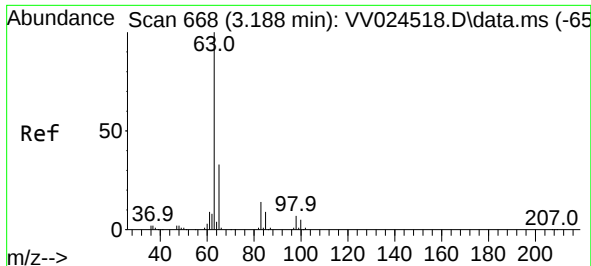
Tgt Ion: 96 Resp: 103583
Ion Ratio Lower Upper
96 100
61 141.8 98.2 182.4
98 66.0 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 52.466 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 73 Resp: 369045
Ion Ratio Lower Upper
73 100
43 20.0 16.0 24.0
57 21.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 52.620 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

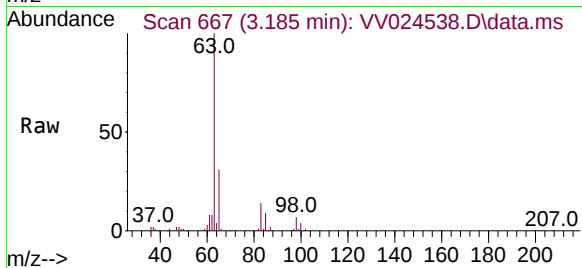
Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

ClientSampleId :



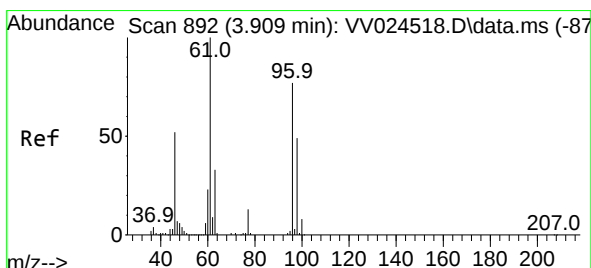
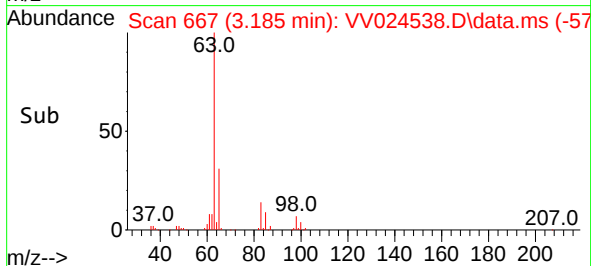
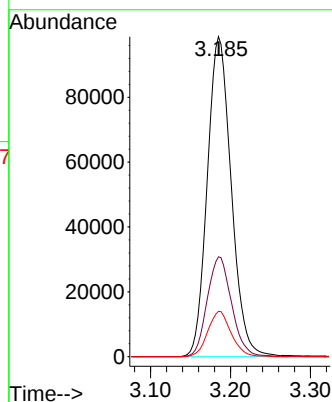
Tgt Ion: 63 Resp: 205445

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.226 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

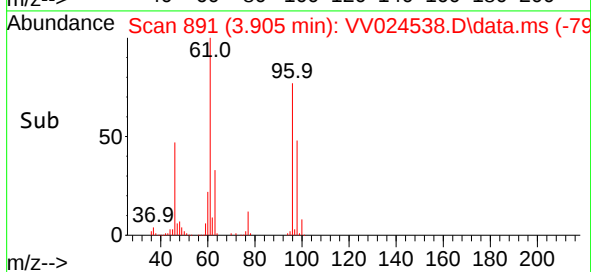
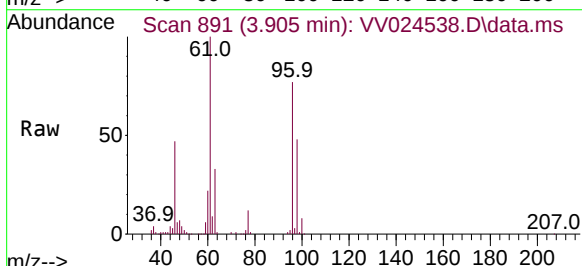
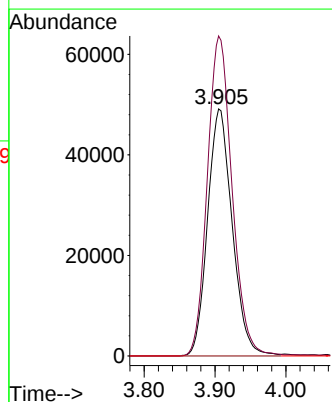
Tgt Ion: 96 Resp: 118752

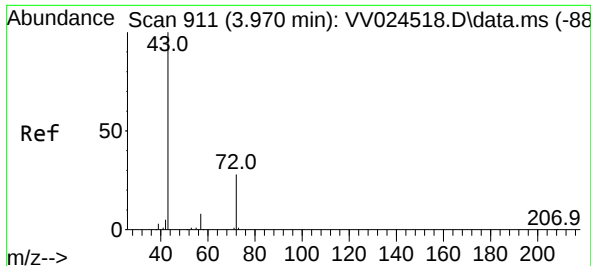
Ion Ratio Lower Upper

96 100

61 129.6 91.5 169.9

68 0.0 0.0 0.0

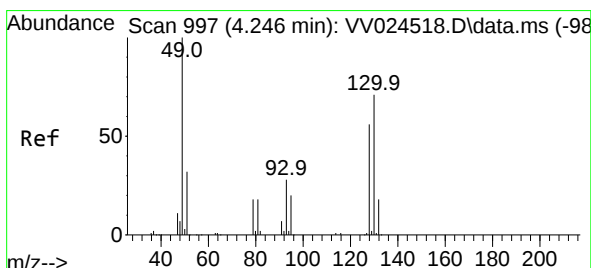
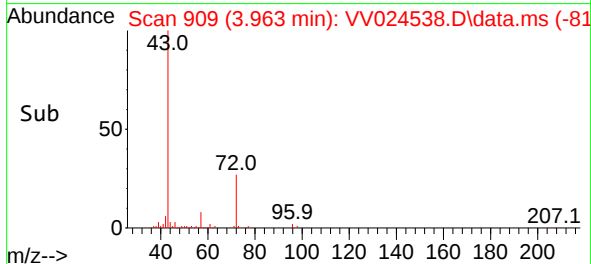
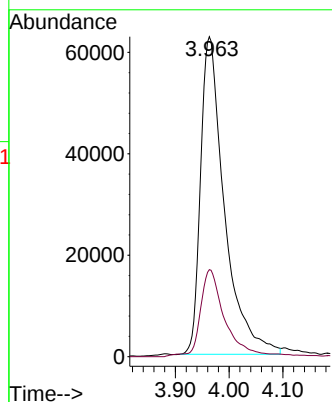
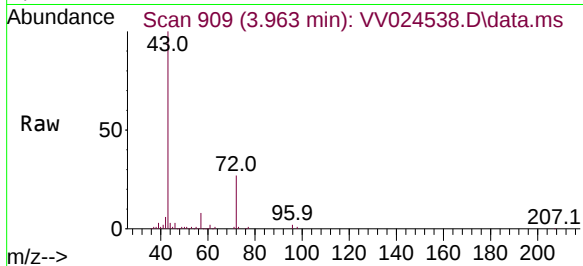




#22
2-Butanone
Concen: 104.360 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.007 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

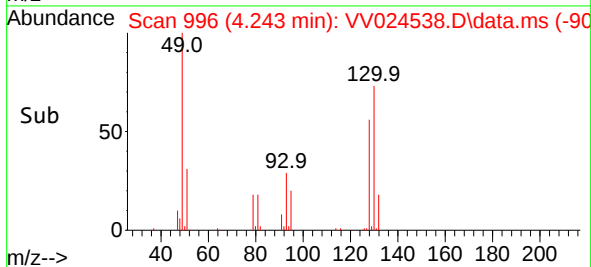
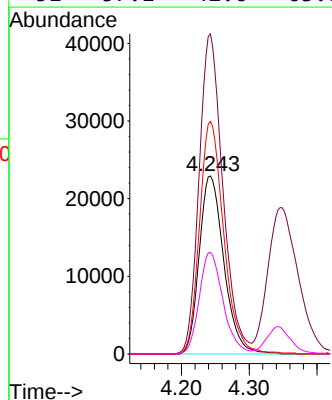
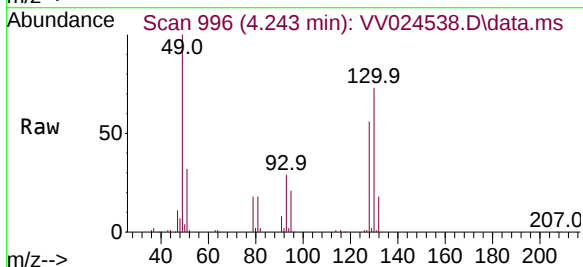
Instrument :
MSVOA_V
ClientSampleId :

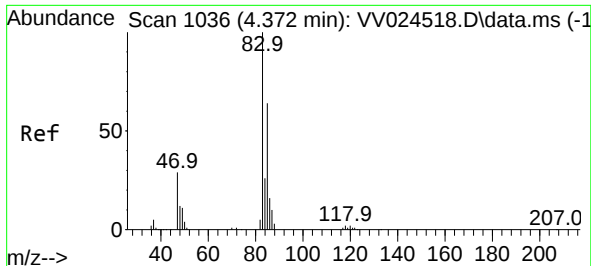
Tgt Ion: 43 Resp: 193143
Ion Ratio Lower Upper
43 100
72 27.7 12.9 38.7



#23
Bromochloromethane
Concen: 52.746 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion:128 Resp: 57714
Ion Ratio Lower Upper
128 100
49 179.9 120.1 223.1
130 130.8 88.8 164.8
51 57.1 42.6 63.8

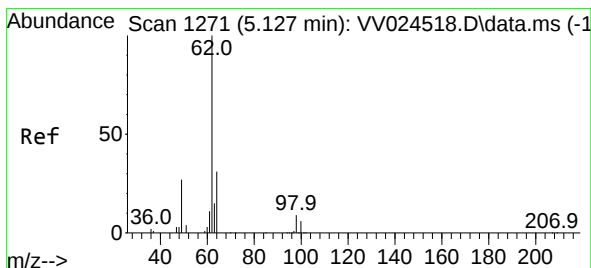
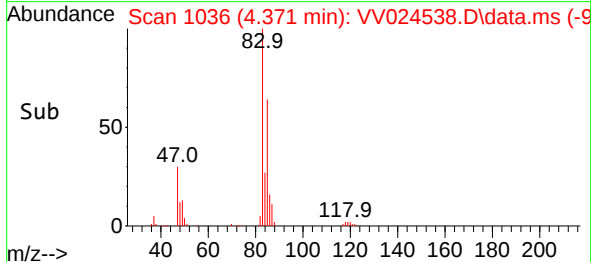
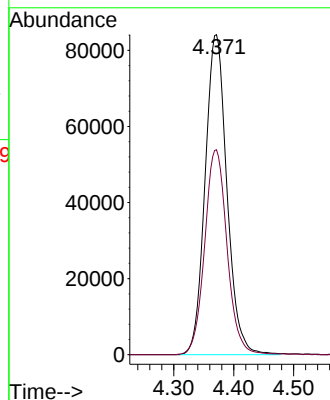
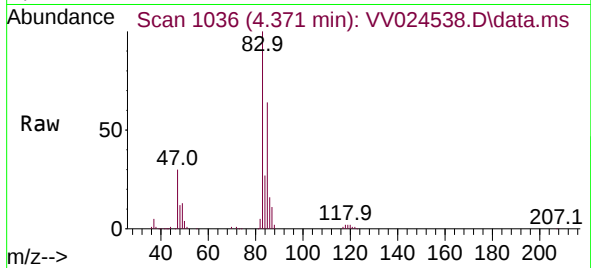




#25
Chloroform
Concen: 52.428 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

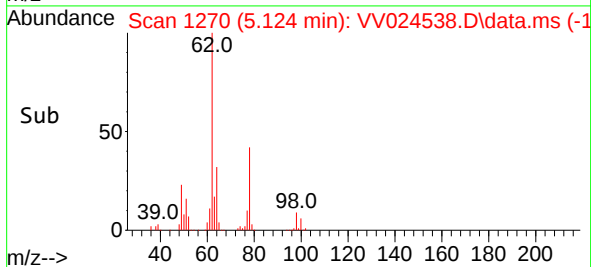
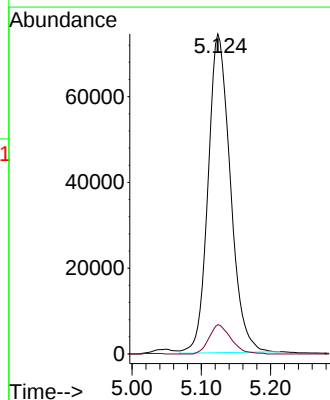
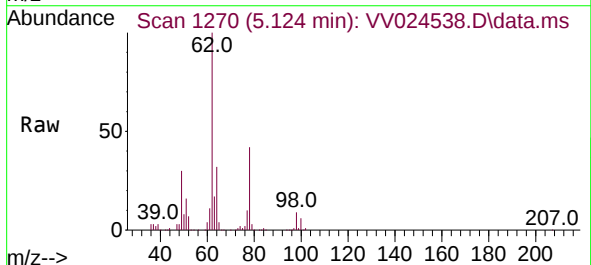
Instrument :
MSVOA_V
ClientSampleId :

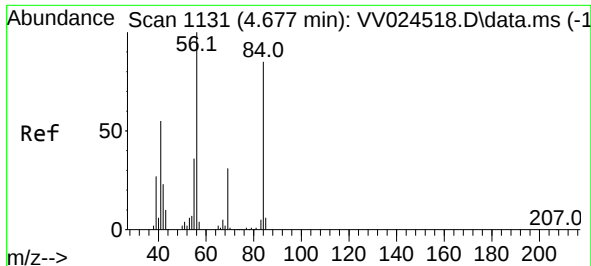
Tgt Ion: 83 Resp: 212998
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 52.128 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 62 Resp: 166002
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3

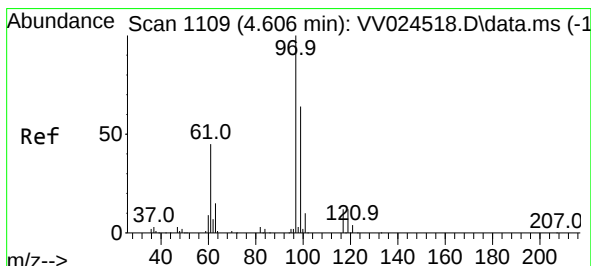
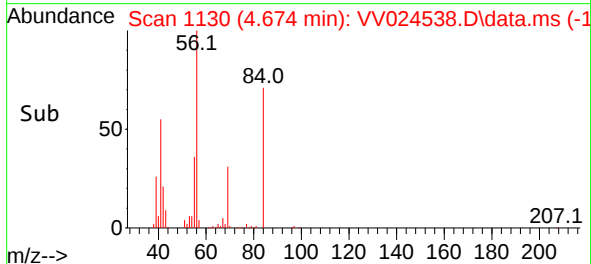
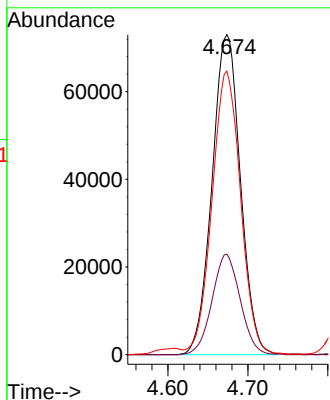
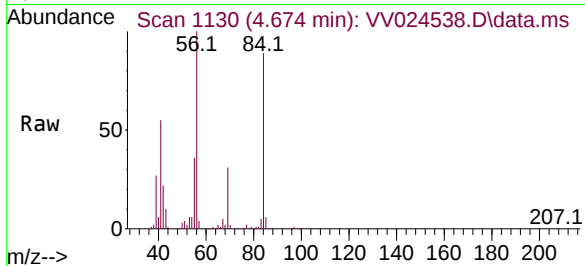




#29
Cyclohexane
Concen: 50.767 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

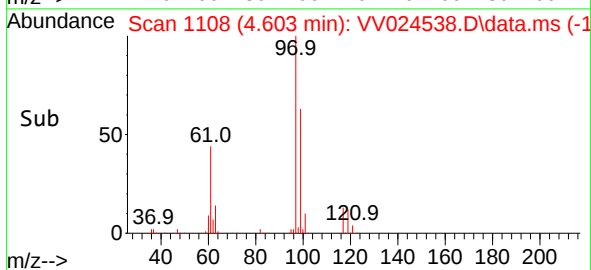
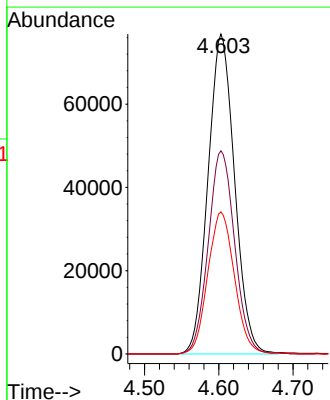
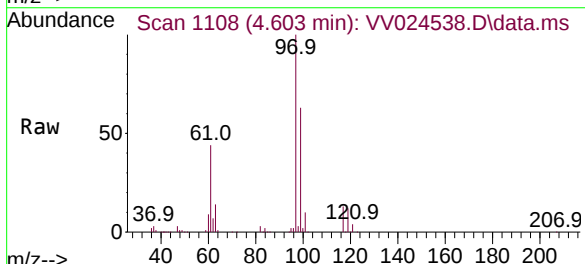
Instrument :
MSVOA_V
ClientSampleId :

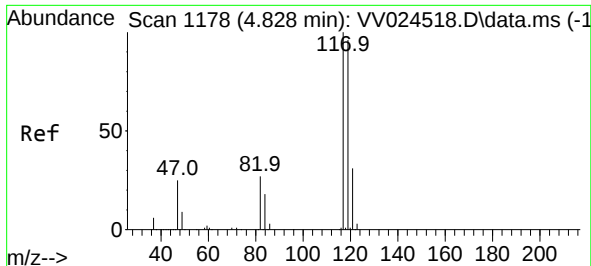
Tgt Ion: 56 Resp: 180159
Ion Ratio Lower Upper
56 100
69 31.1 24.7 37.1
84 89.4 70.2 105.4



#30
1,1,1-Trichloroethane
Concen: 52.551 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 97 Resp: 191057
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 44.5 35.9 53.9

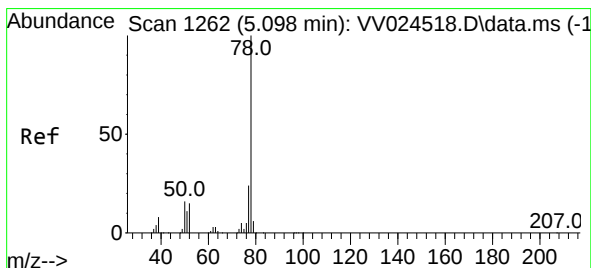
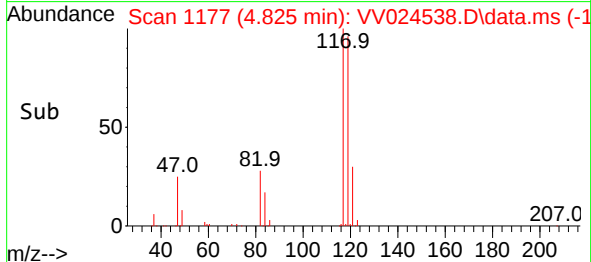
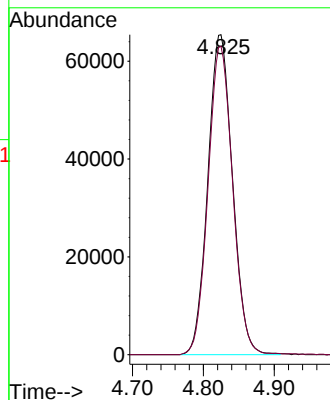
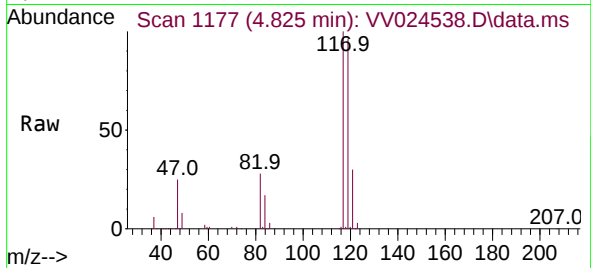




#31
Carbon tetrachloride
Concen: 52.811 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

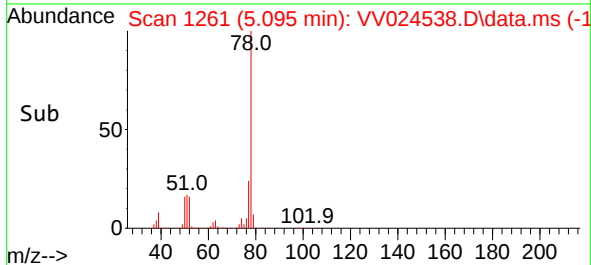
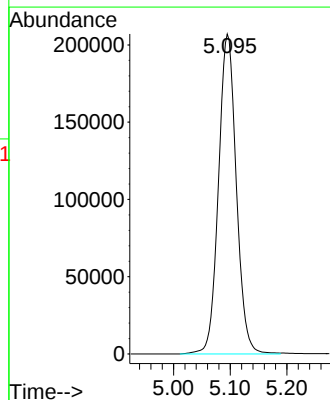
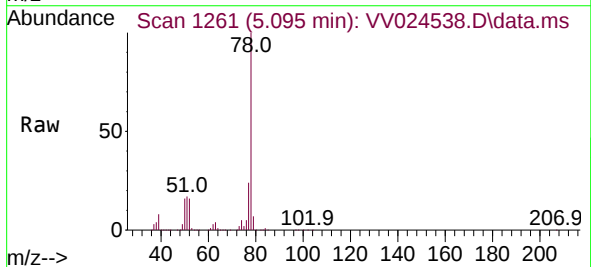
Instrument :
MSVOA_V
ClientSampleId :

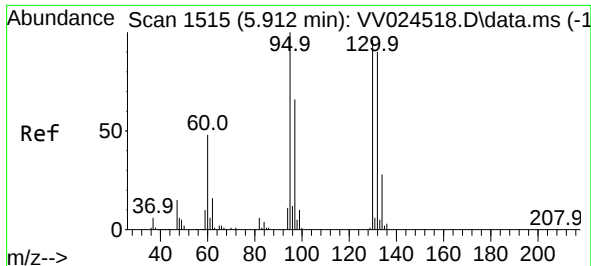
Tgt Ion:117 Resp: 158558
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 52.282 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

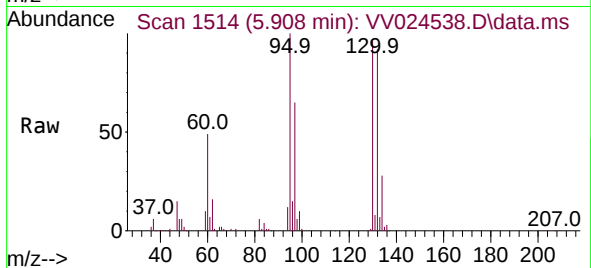
Tgt Ion: 78 Resp: 452270



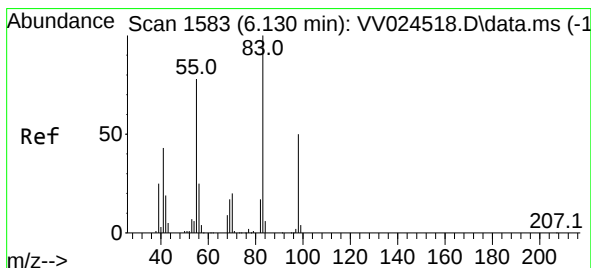
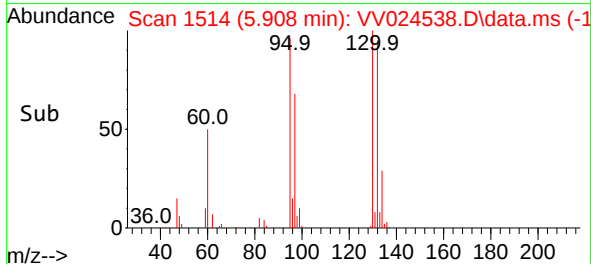
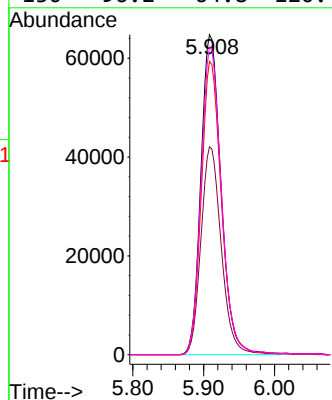


#34
 Trichloroethene
 Concen: 52.741 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.003 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

Instrument :
 MSVOA_V
 ClientSampleId :

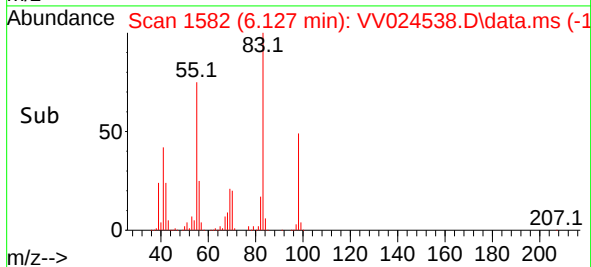
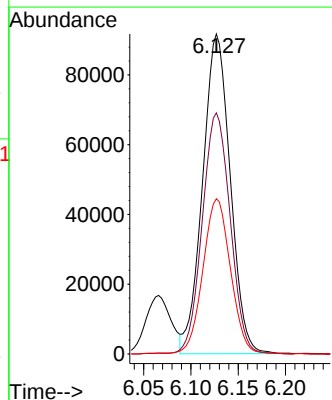
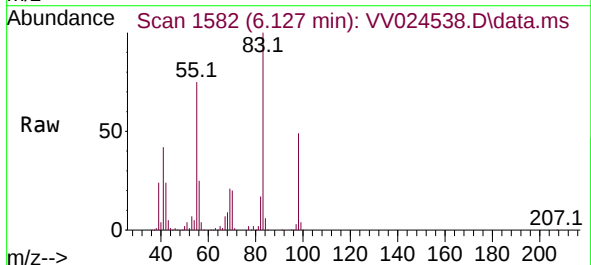


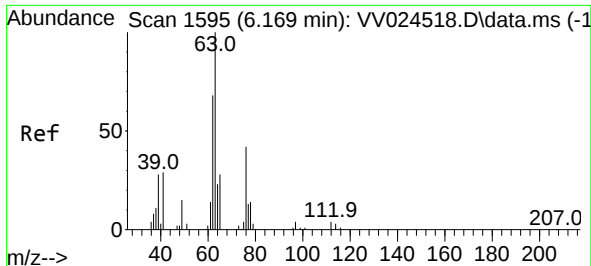
Tgt Ion:	95	Resp:	128546
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.1	81.9
132	91.7	62.4	116.0
130	96.2	64.8	120.4



#35
 Methylcyclohexane
 Concen: 50.689 ug/L
 RT: 6.127 min Scan# 1582
 Delta R.T. -0.003 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

Tgt Ion:	83	Resp:	186410
Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.9	91.3
98	48.7	39.2	58.8





#37

1,2-Dichloropropane

Concen: 52.694 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

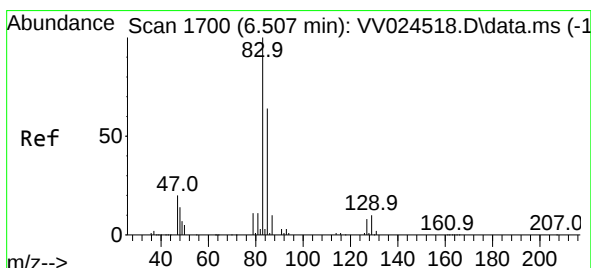
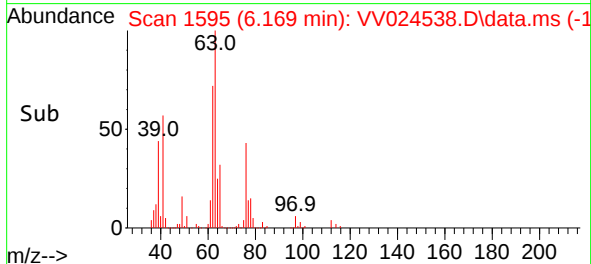
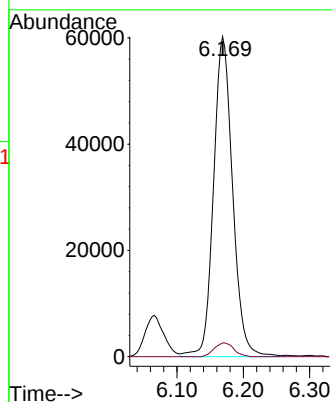
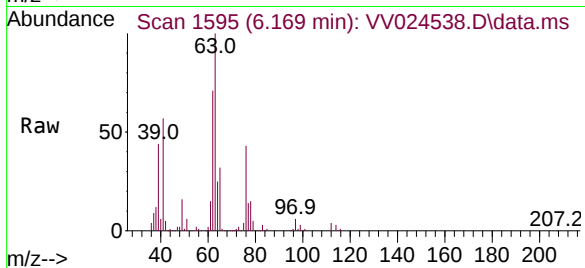
ClientSampleId :

Tgt Ion: 63 Resp: 120193

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 52.036 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

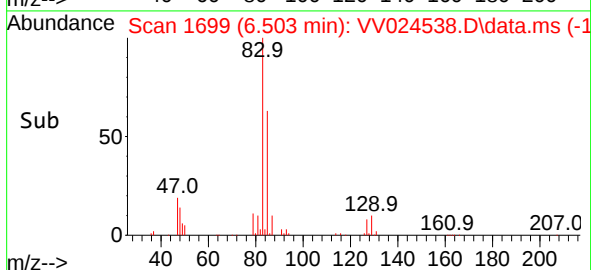
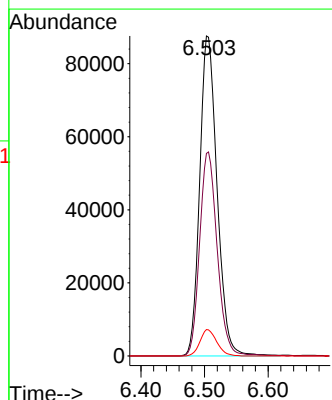
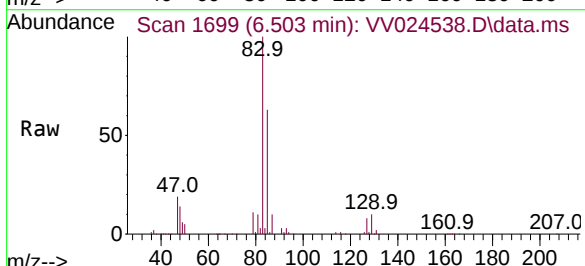
Tgt Ion: 83 Resp: 166408

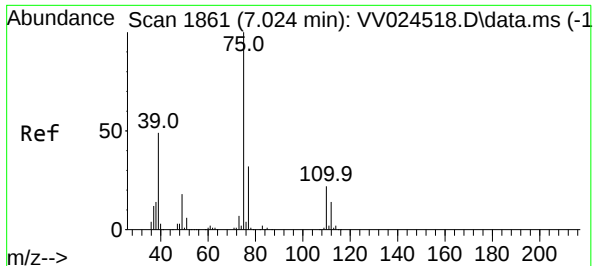
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.2

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.525 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

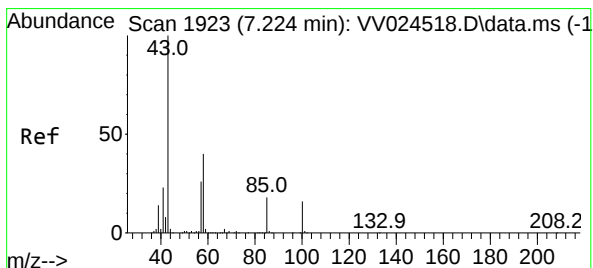
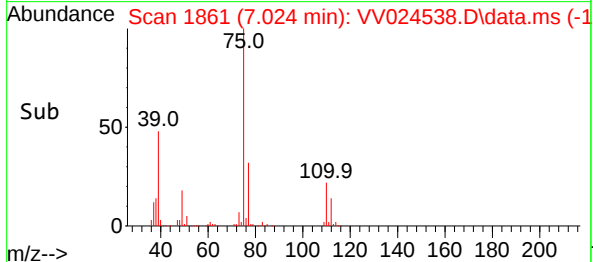
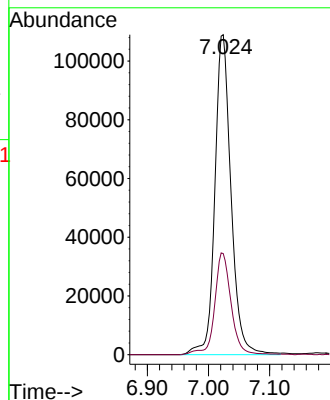
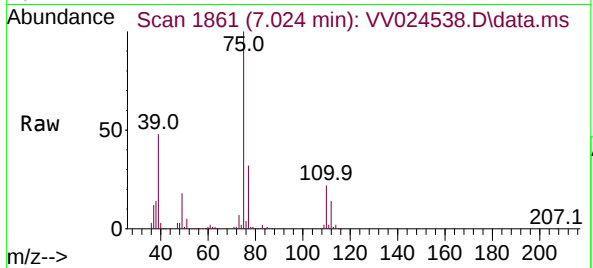
ClientSampleId :

Tgt Ion: 75 Resp: 200400

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 108.359 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

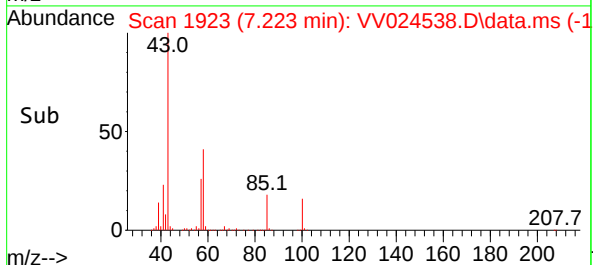
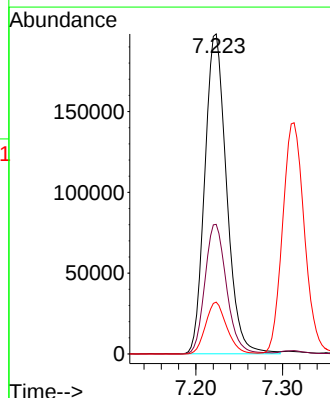
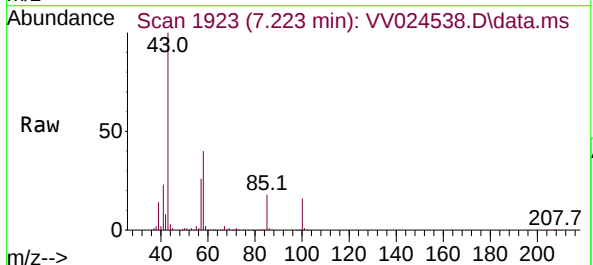
Tgt Ion: 43 Resp: 346178

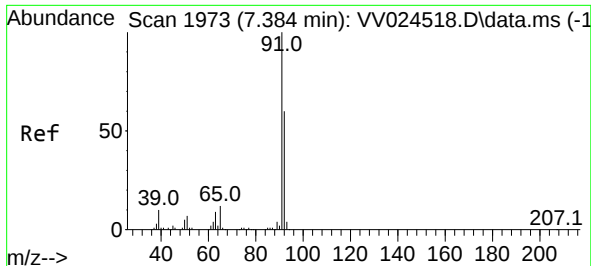
Ion Ratio Lower Upper

43 100

58 40.4 32.5 48.7

100 15.8 12.7 19.1

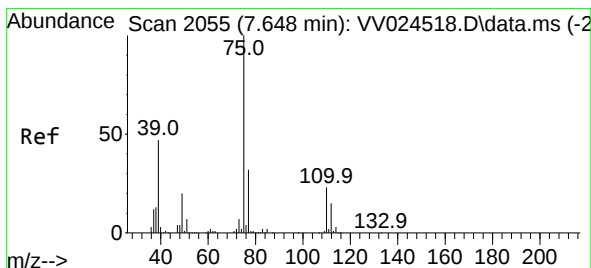
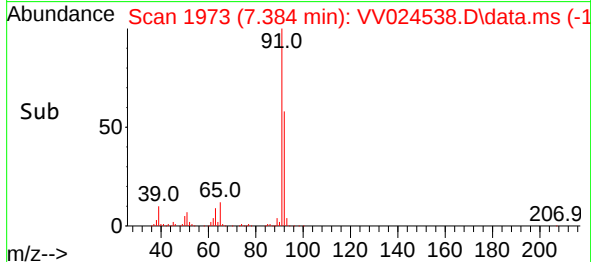
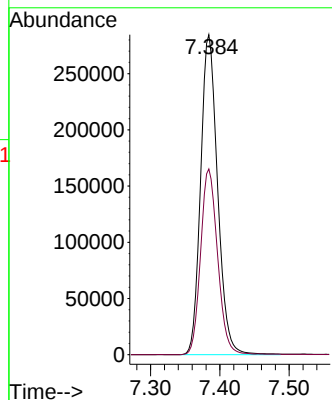
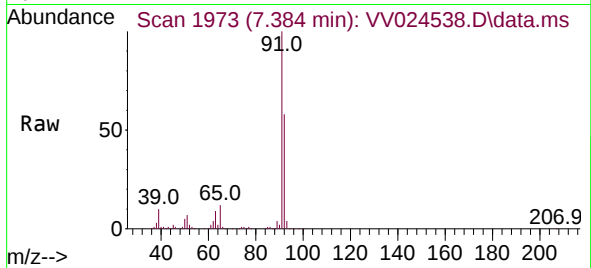




#42
Toluene
Concen: 52.281 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

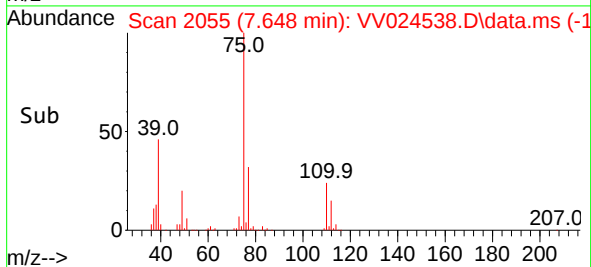
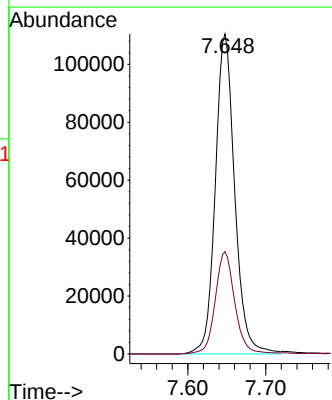
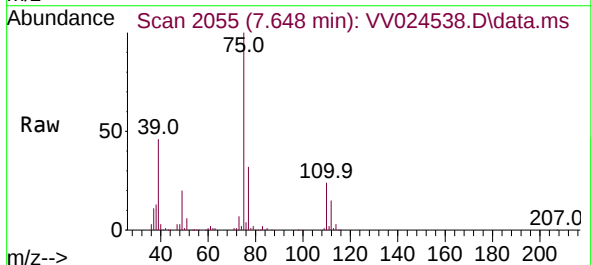
Instrument :
MSVOA_V
ClientSampleId :

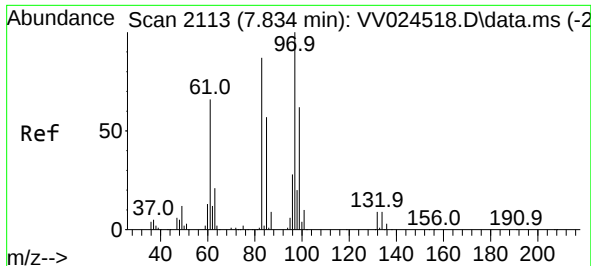
Tgt Ion: 91 Resp: 484518
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 52.576 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

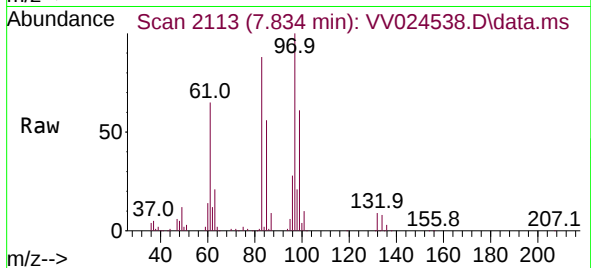
Tgt Ion: 75 Resp: 191169
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.1





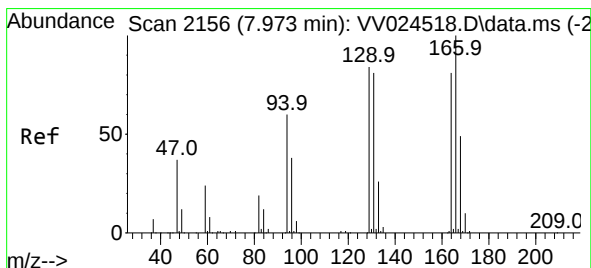
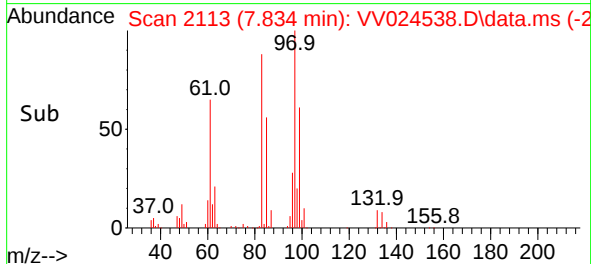
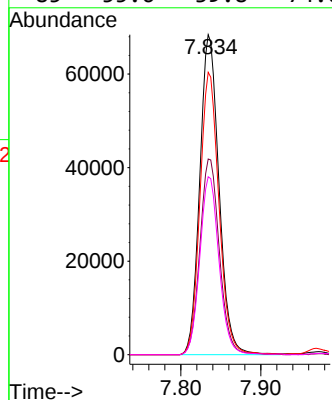
#45
1,1,2-Trichloroethane
Concen: 52.567 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 114633

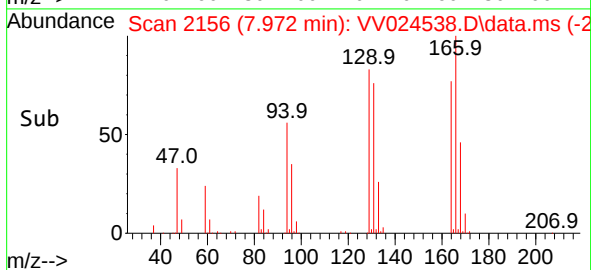
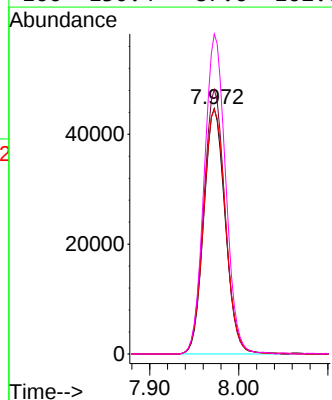
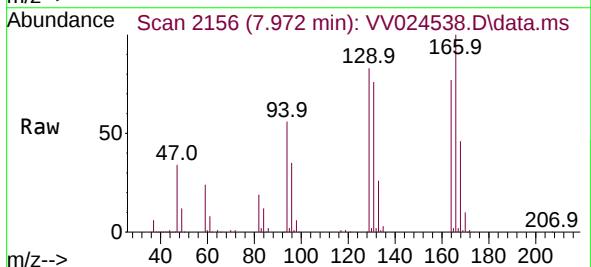
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	88.3	61.7	114.7
85	55.6	39.8	74.0

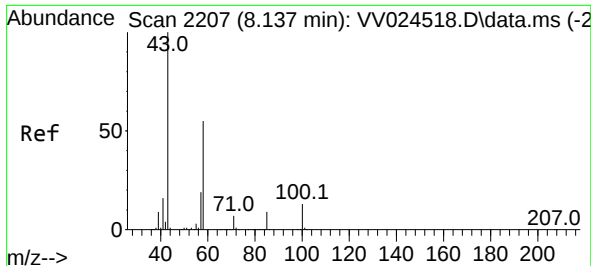


#46
Tetrachloroethene
Concen: 51.815 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 164 Resp: 75031

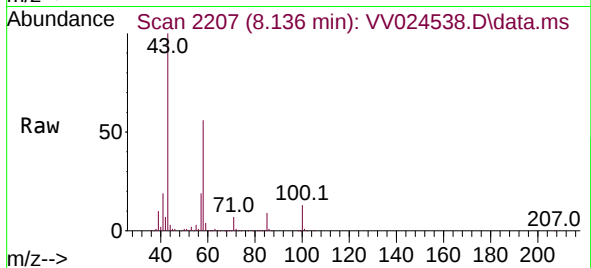
Ion	Ratio	Lower	Upper
164	100		
129	107.8	74.8	138.8
131	99.5	70.8	131.6
166	130.4	87.6	162.6



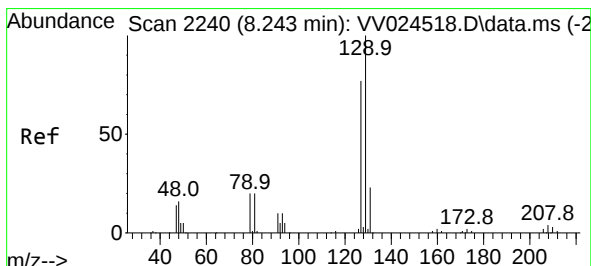
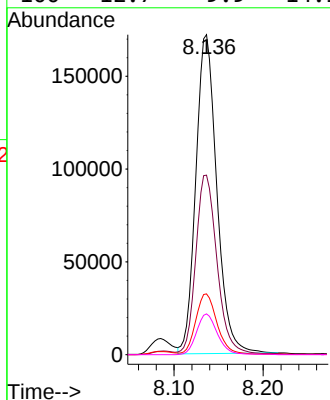
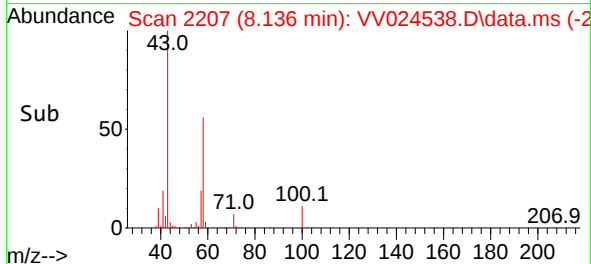


#48
2-Hexanone
Concen: 103.833 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Instrument :
MSVOA_V
ClientSampleId :

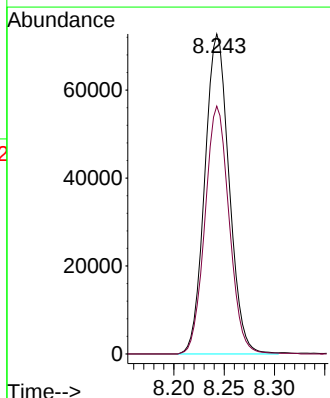
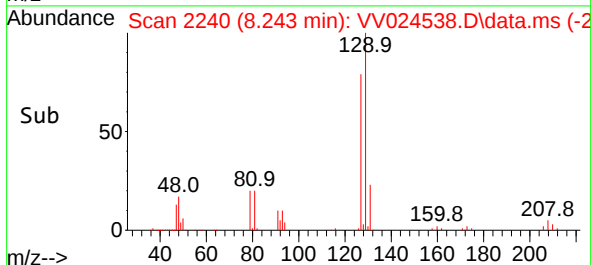
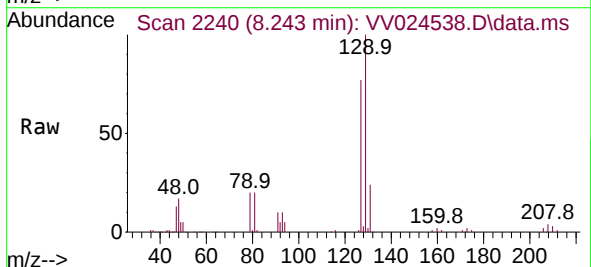


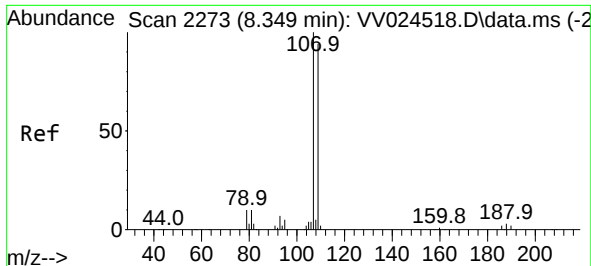
Tgt Ion: 43 Resp: 282135
Ion Ratio Lower Upper
43 100
58 56.4 44.8 67.2
57 19.5 15.1 22.7
100 12.7 9.9 14.9



#49
Dibromochloromethane
Concen: 53.150 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 129 Resp: 122336
Ion Ratio Lower Upper
129 100
127 77.4 53.6 99.6





#50

1,2-Dibromoethane

Concen: 52.981 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

ClientSampleId :

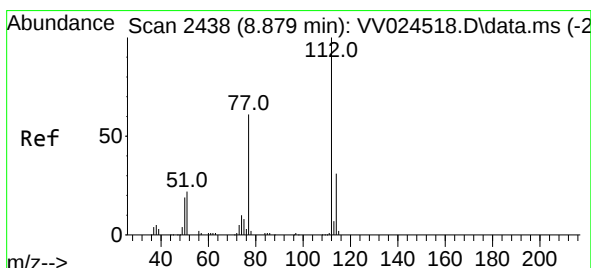
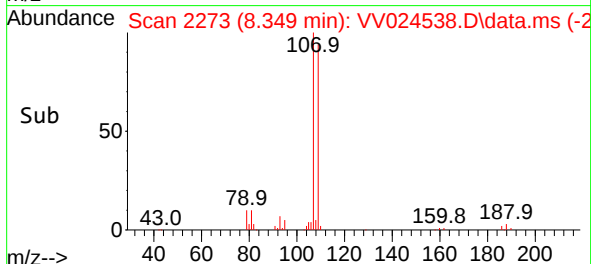
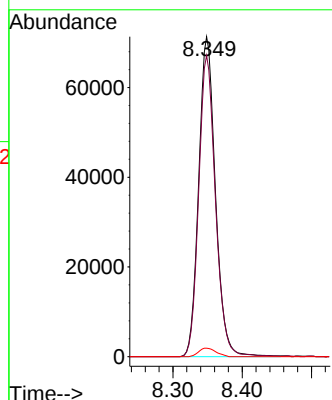
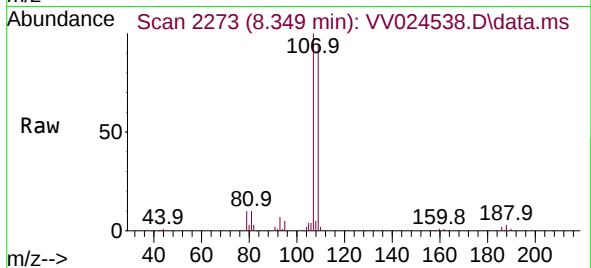
Tgt Ion:107 Resp: 120142

Ion Ratio Lower Upper

107 100

109 94.1 65.4 121.4

188 2.6 2.6 3.8



#51

Chlorobenzene

Concen: 51.857 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

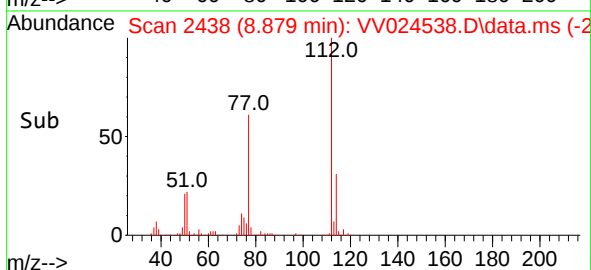
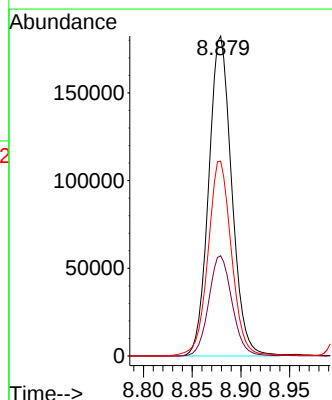
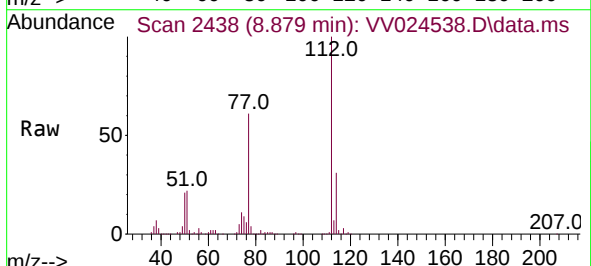
Tgt Ion:112 Resp: 299929

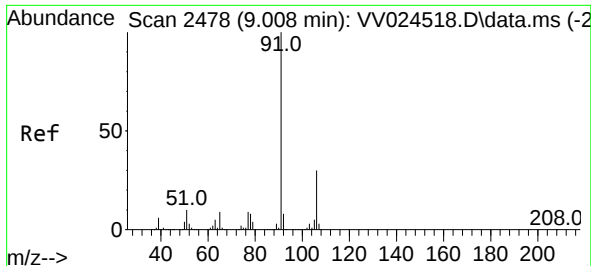
Ion Ratio Lower Upper

112 100

114 31.3 22.7 42.1

77 60.9 49.9 74.9





#52

Ethylbenzene

Concen: 51.981 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

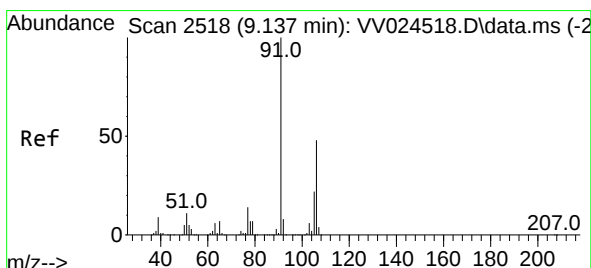
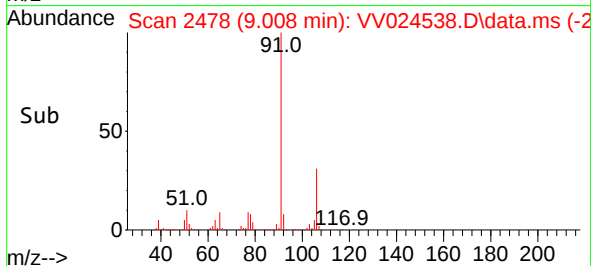
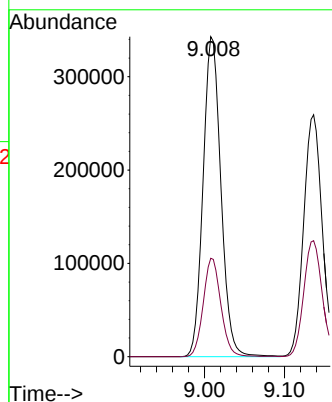
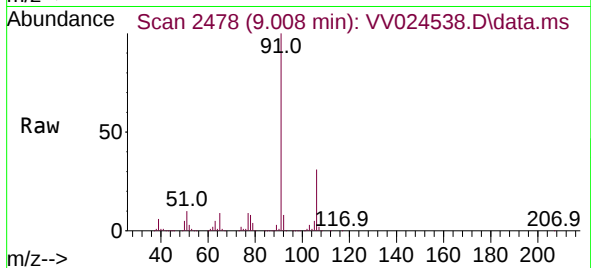
ClientSampleId :

Tgt Ion: 91 Resp: 533123

Ion Ratio Lower Upper

91 100

106 30.8 20.6 38.2



#53

m,p-Xylene

Concen: 52.530 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024538.D

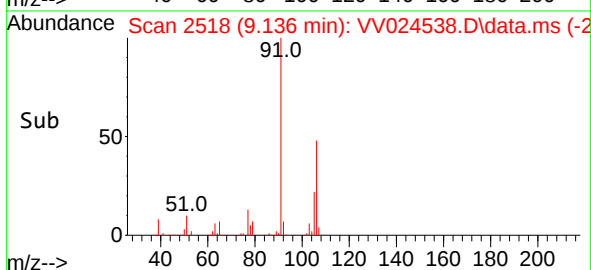
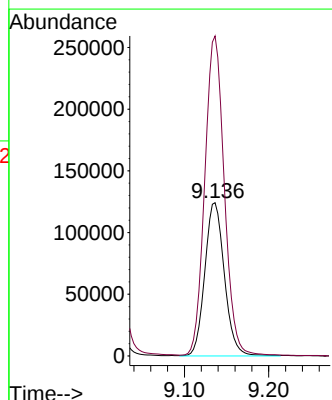
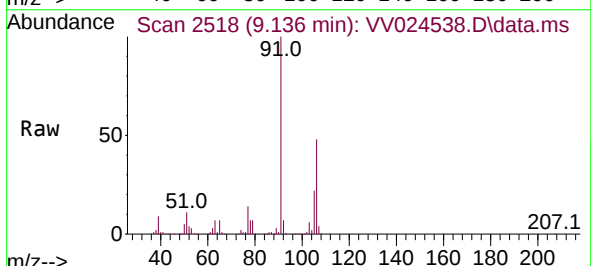
Acq: 03 Feb 2022 09:58

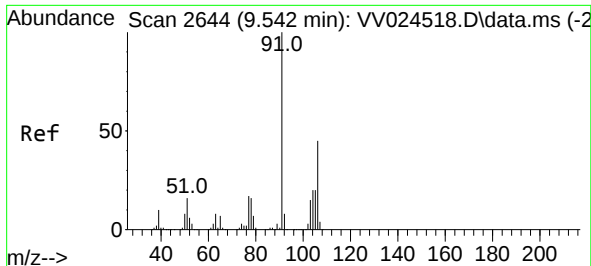
Tgt Ion:106 Resp: 201594

Ion Ratio Lower Upper

106 100

91 208.7 144.6 268.6

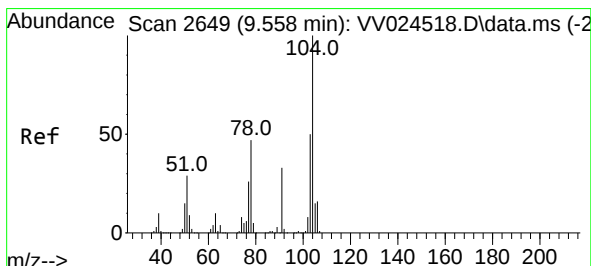
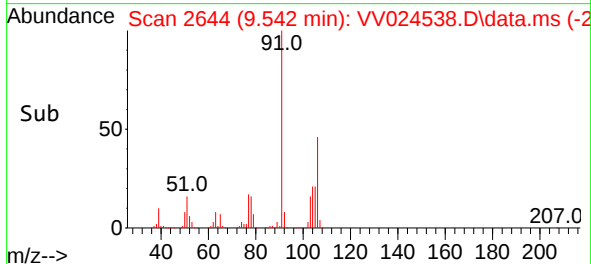
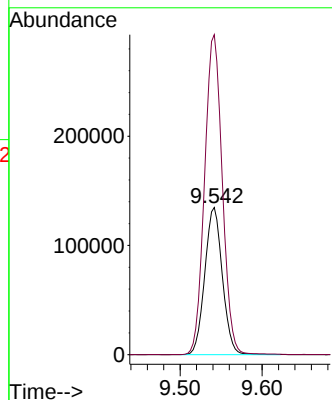
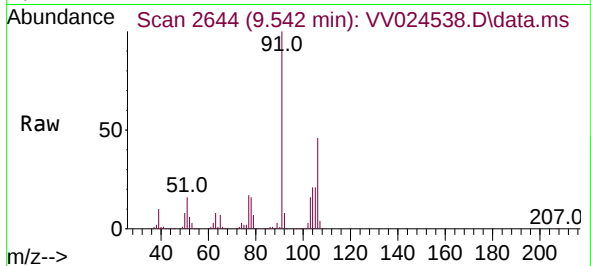




#54
o-Xylene
Concen: 52.414 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

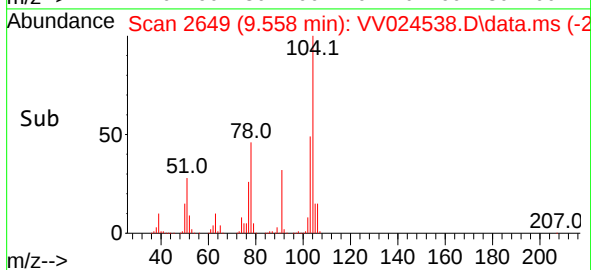
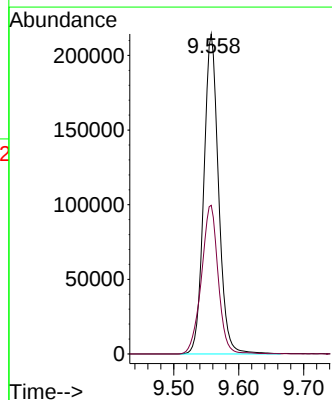
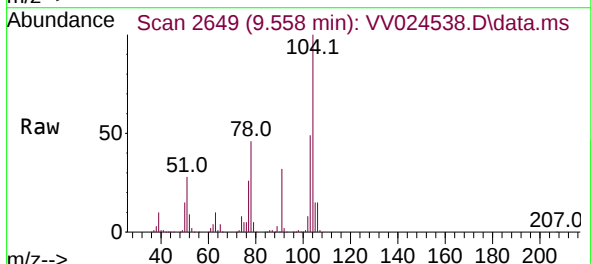
Instrument :
MSVOA_V
ClientSampleId :

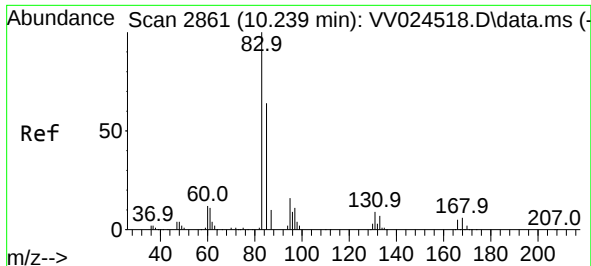
Tgt Ion:106 Resp: 200880
Ion Ratio Lower Upper
106 100
91 217.4 155.4 288.6



#55
Styrene
Concen: 52.363 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion:104 Resp: 339753
Ion Ratio Lower Upper
104 100
78 46.4 32.9 61.1

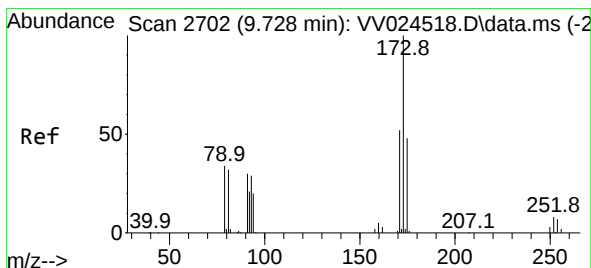
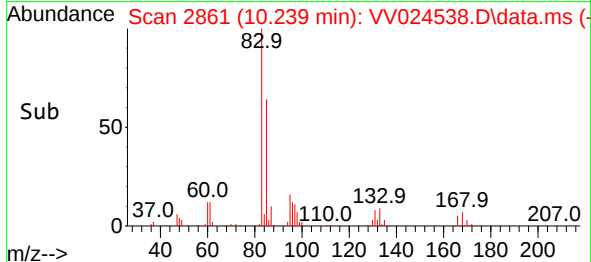
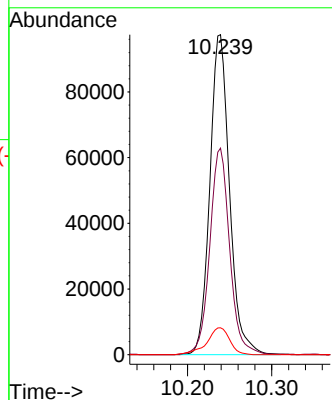
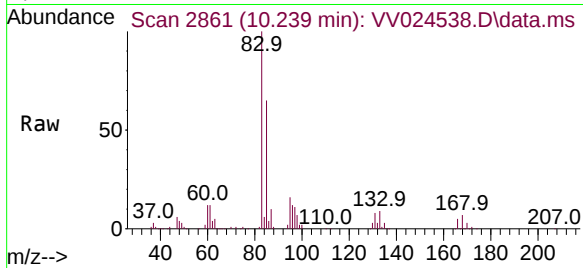




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.582 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

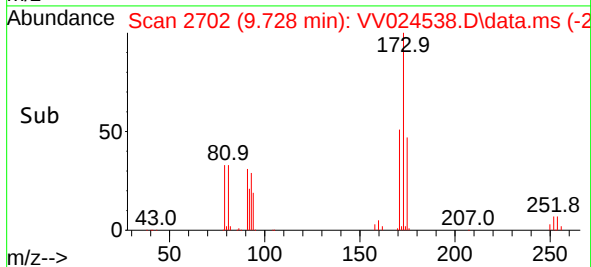
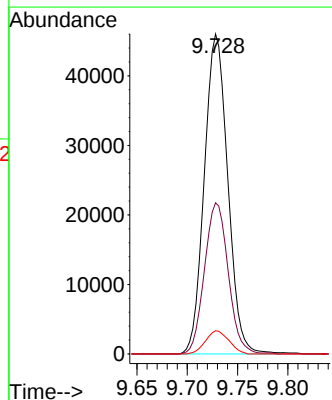
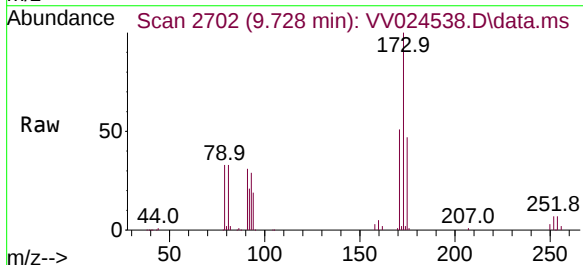
Instrument :
 MSVOA_V
 ClientSampleId :

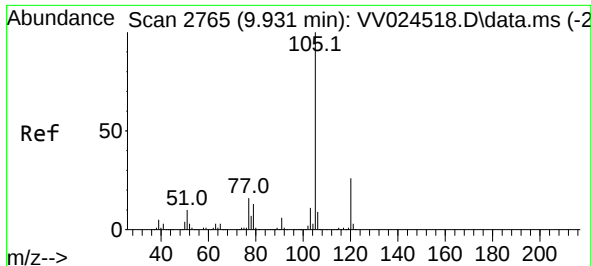
Tgt Ion:	83	Resp:	157950
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.6	84.6
131	8.4	7.1	10.7



#59
 Bromoform
 Concen: 54.578 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV024538.D
 Acq: 03 Feb 2022 09:58

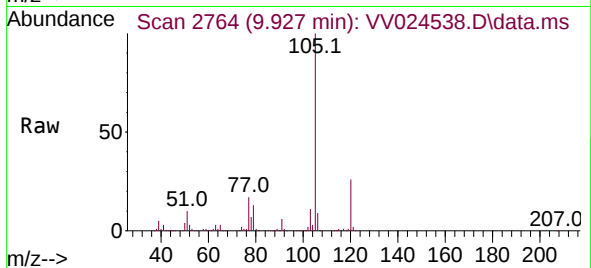
Tgt Ion:	173	Resp:	74684
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	7.2	5.8	8.8



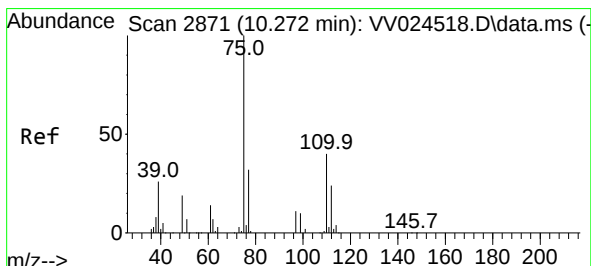
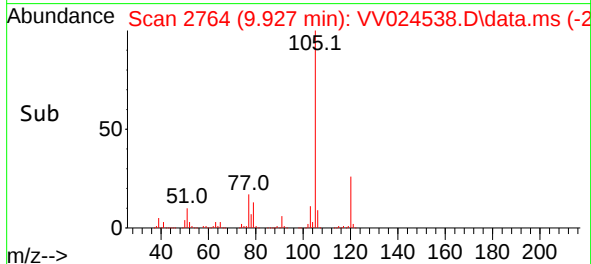
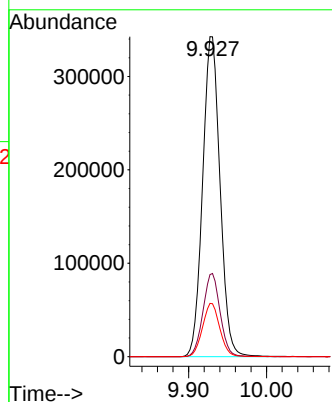


#60
Isopropylbenzene
Concen: 52.481 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Instrument :
MSVOA_V
ClientSampleId :

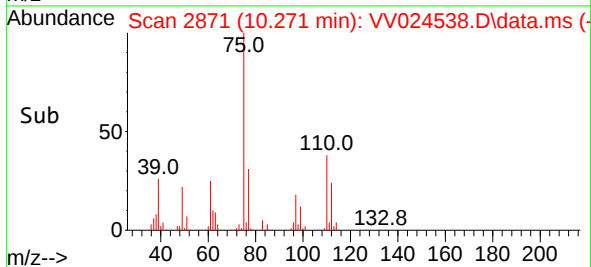
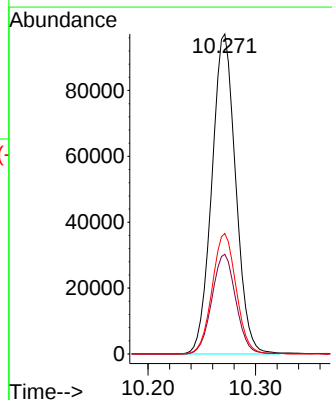
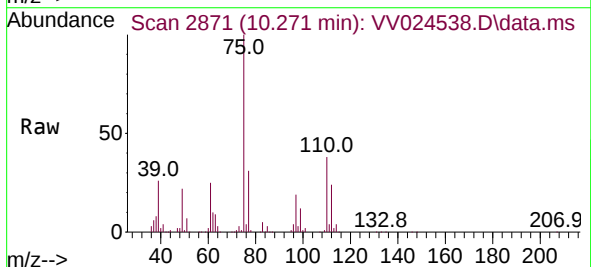


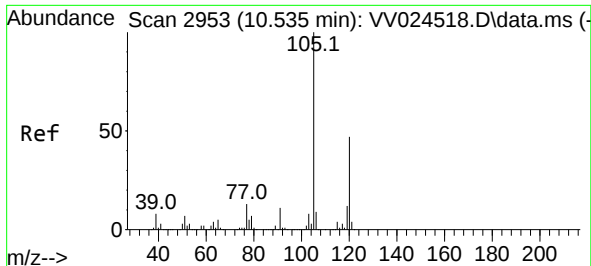
Tgt Ion:105 Resp: 531347
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 16.6 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 53.183 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 75 Resp: 149680
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 37.9 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 52.095 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

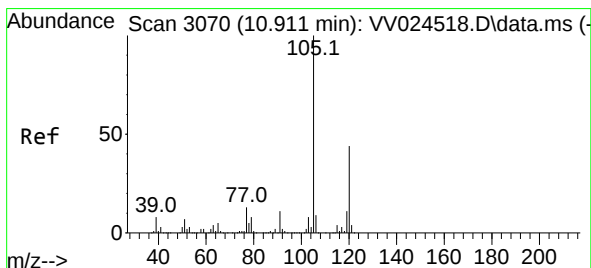
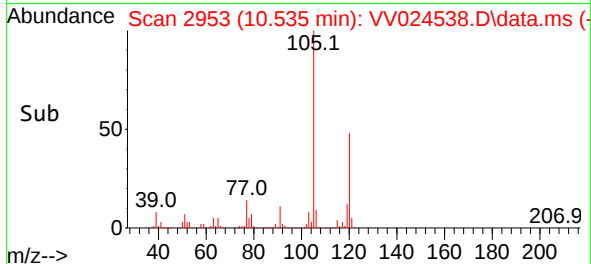
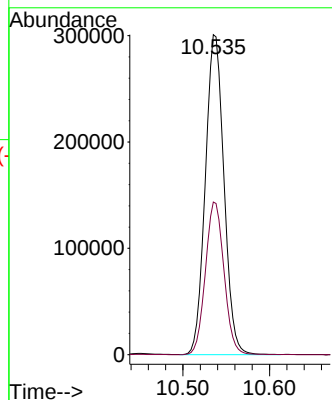
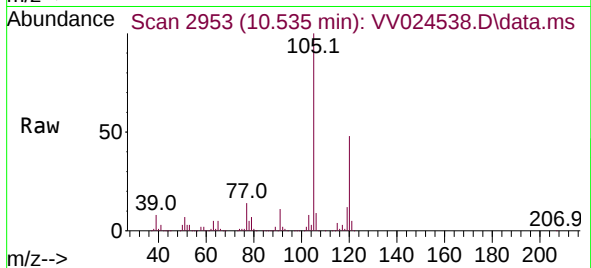
ClientSampleId :

Tgt Ion:105 Resp: 450398

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 51.787 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024538.D

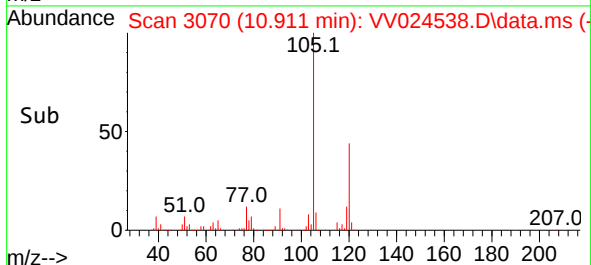
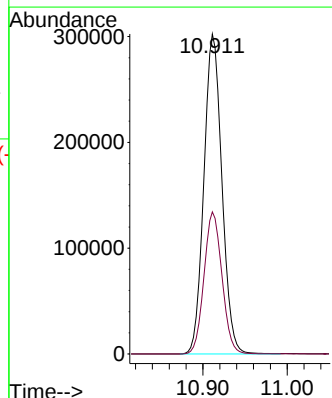
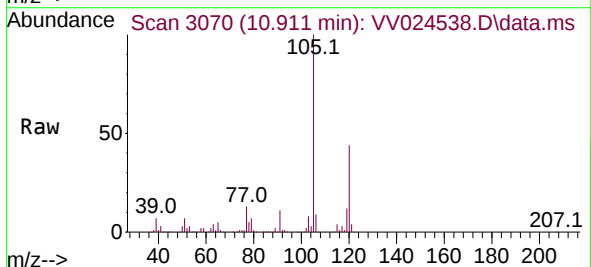
Acq: 03 Feb 2022 09:58

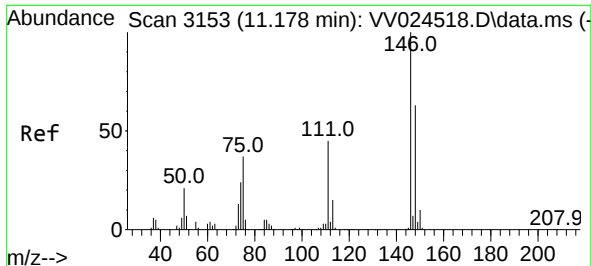
Tgt Ion:105 Resp: 450605

Ion Ratio Lower Upper

105 100

120 44.2 34.9 52.3

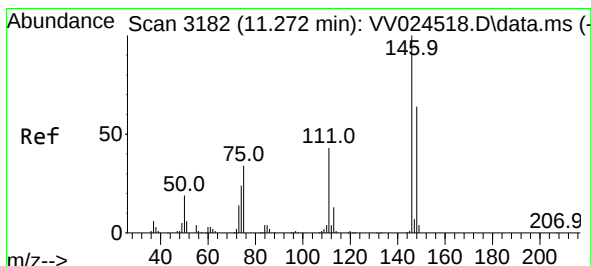
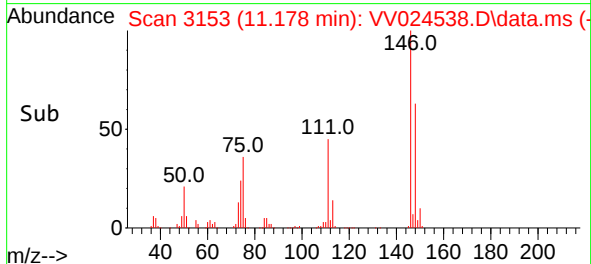
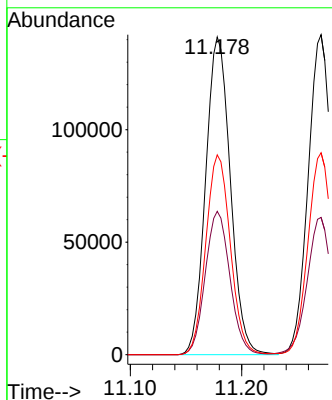
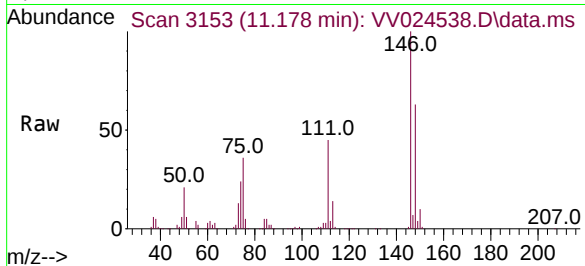




#64
1,3-Dichlorobenzene
Concen: 52.562 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

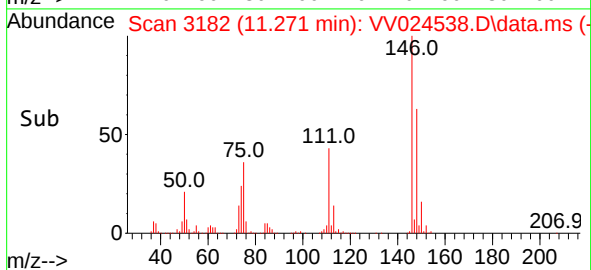
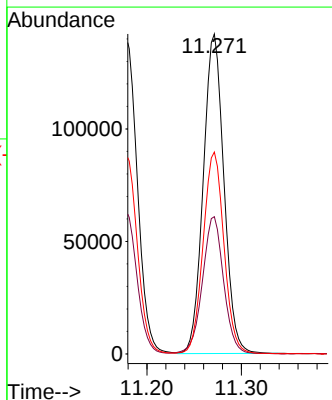
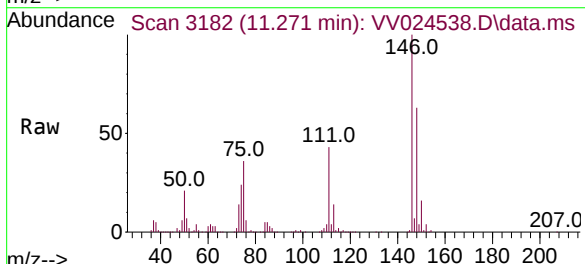
Instrument :
MSVOA_V
ClientSampleId :

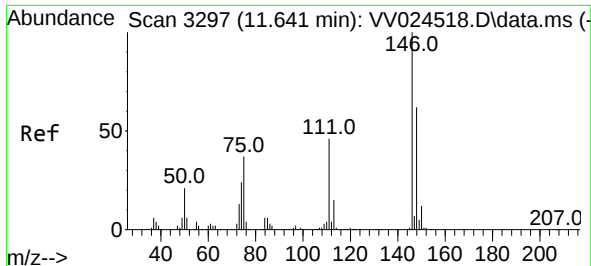
Tgt Ion:146 Resp: 217611
Ion Ratio Lower Upper
146 100
111 45.1 31.0 57.6
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.412 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion:146 Resp: 215587
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 63.1 44.2 82.2

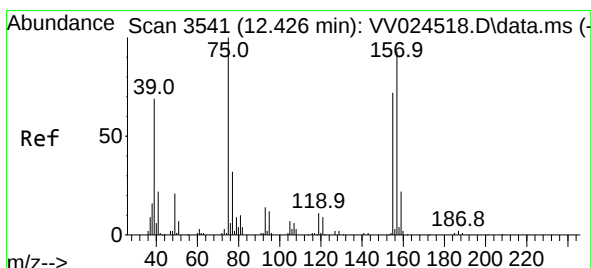
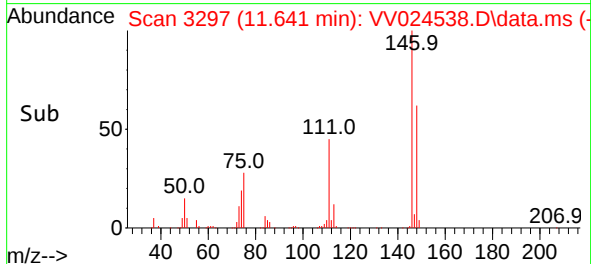
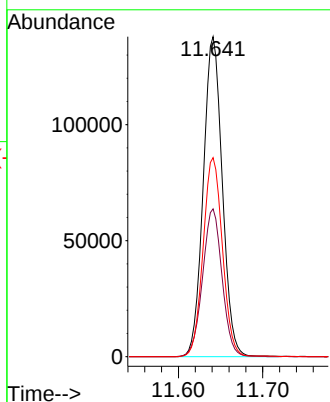
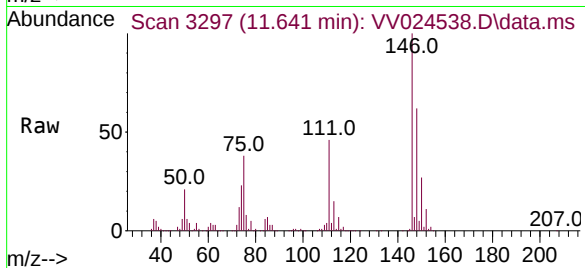




#67
1,2-Dichlorobenzene
Concen: 52.437 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

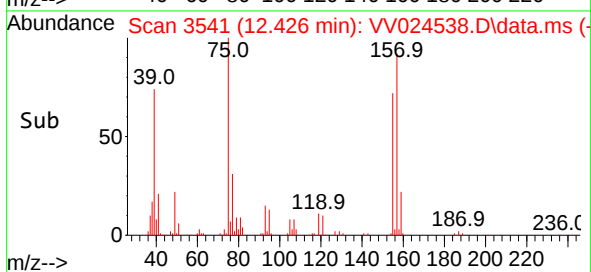
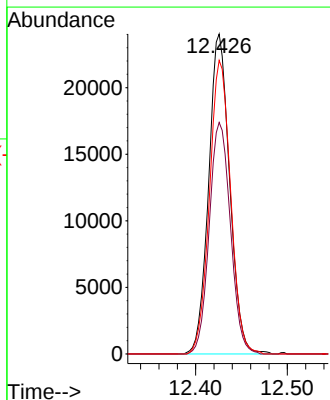
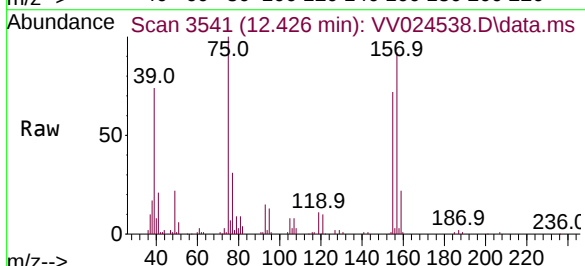
Instrument :
MSVOA_V
ClientSampleId :

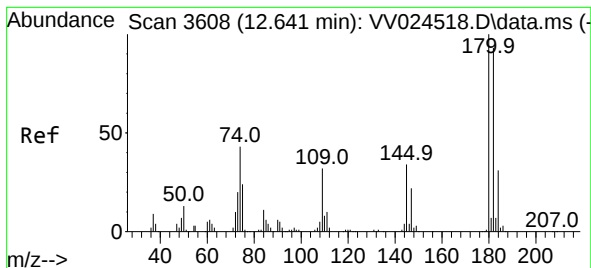
Tgt Ion:146 Resp: 217032
Ion Ratio Lower Upper
146 100
111 46.2 37.0 55.6
148 62.2 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 51.591 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024538.D
Acq: 03 Feb 2022 09:58

Tgt Ion: 75 Resp: 38266
Ion Ratio Lower Upper
75 100
155 72.3 60.2 90.4
157 91.7 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 52.691 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 144669

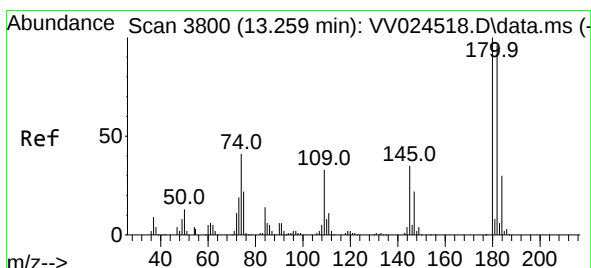
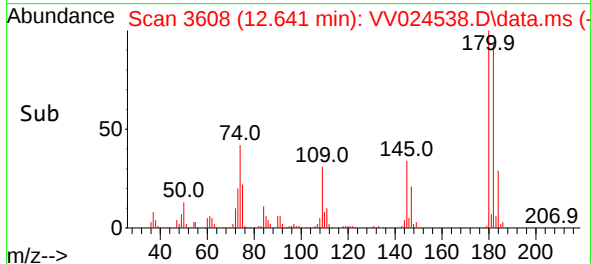
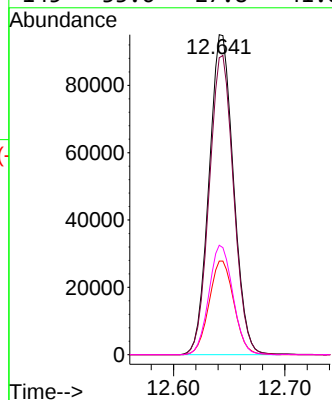
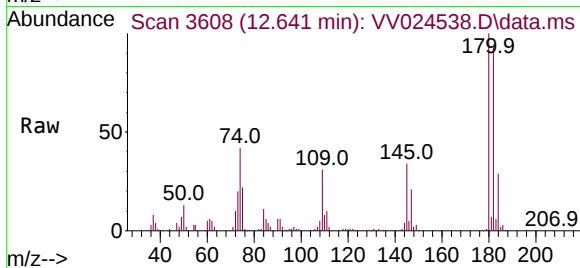
Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.8

184 29.8 23.8 35.8

145 33.6 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 52.730 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

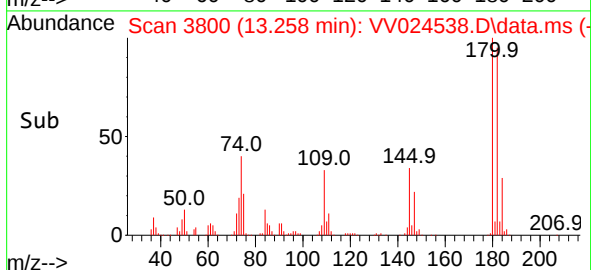
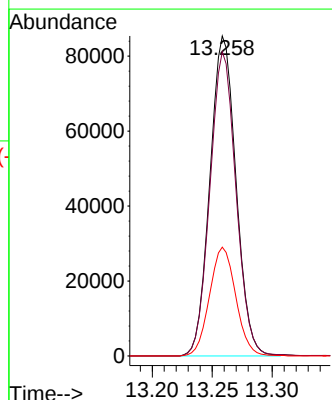
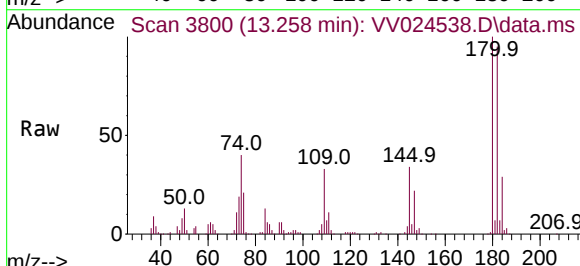
Tgt Ion:180 Resp: 128996

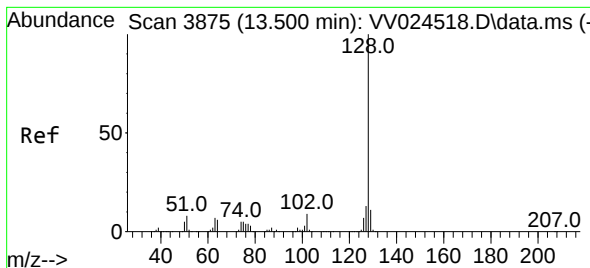
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 34.2 28.5 42.7





#71

Naphthalene

Concen: 54.107 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Instrument :

MSVOA_V

ClientSampleId :

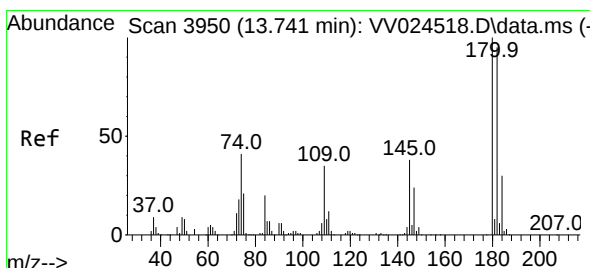
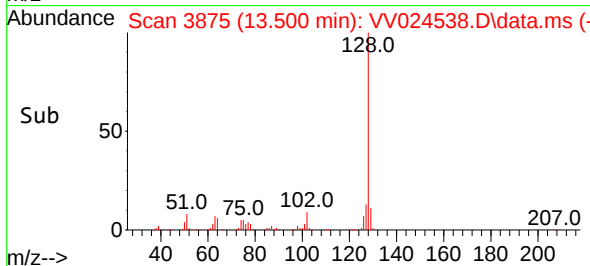
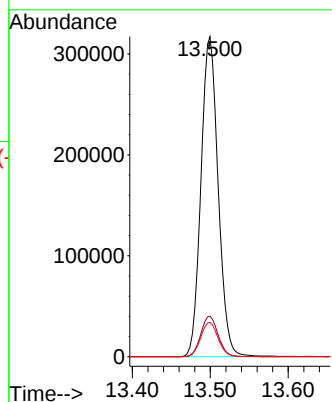
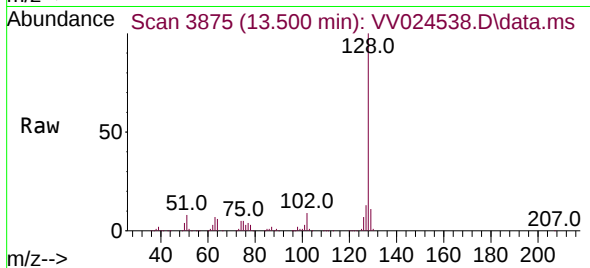
Tgt Ion:128 Resp: 485265

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 53.815 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024538.D

Acq: 03 Feb 2022 09:58

Tgt Ion:180 Resp: 128600

Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 37.3 30.1 45.1

