

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025126.D
 Acq On : 08 Dec 2022 11:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV478

Quant Time: Dec 08 23:24:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	431118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	379046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128228	25.802	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.200%	
7) Chloroethane-d5	2.885	69	81629	25.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.760%	
11) 1,1-Dichloroethene-d2	4.019	63	275646	25.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.280%	
21) 2-Butanone-d5	7.074	46	67414	54.032	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.060%	
24) Chloroform-d	7.647	84	287196	25.807	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.240%	
26) 1,2-Dichloroethane-d4	8.305	65	147540	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.560%	
32) Benzene-d6	8.275	84	582376	26.199	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.800%	
36) 1,2-Dichloropropane-d6	9.274	67	171612	26.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.120%	
41) Toluene-d8	10.323	98	531520	26.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.480%	
43) trans-1,3-Dichloroprop...	10.579	79	72093	26.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.560%	
47) 2-Hexanone-d5	10.921	63	56154	59.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.340%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127297	26.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.600%	
66) 1,2-Dichlorobenzene-d4	13.847	152	171393	26.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	77157	29.531	ug/L	98
3) Chloromethane	2.215	50	124847	27.137	ug/L	98
5) Vinyl chloride	2.361	62	148000	25.716	ug/L	98
6) Bromomethane	2.776	94	76739	25.733	ug/L	98
8) Chloroethane	2.916	64	68158	25.605	ug/L	98
9) Trichlorofluoromethane	3.257	101	102395	23.741	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	144387	25.343	ug/L	98
12) 1,1-Dichloroethene	4.038	96	140620	25.889	ug/L	97
13) Acetone	4.123	43	59737	46.578	ug/L	99
14) Carbon disulfide	4.385	76	441549	25.464	ug/L	100
15) Methyl Acetate	4.666	43	57341	27.392	ug/L	100
16) Methylene chloride	4.915	84	153296	22.750	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	151017	26.227	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	231173	27.057	ug/L	100
19) 1,1-Dichloroethane	6.214	63	275653	26.494	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	160021	26.282	ug/L	95
22) 2-Butanone	7.171	43	83567	51.792	ug/L	97
23) Bromochloromethane	7.519	128	69995	27.167	ug/L	94
25) Chloroform	7.677	83	279420	26.539	ug/L	99

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 Response via : Initial Calibration

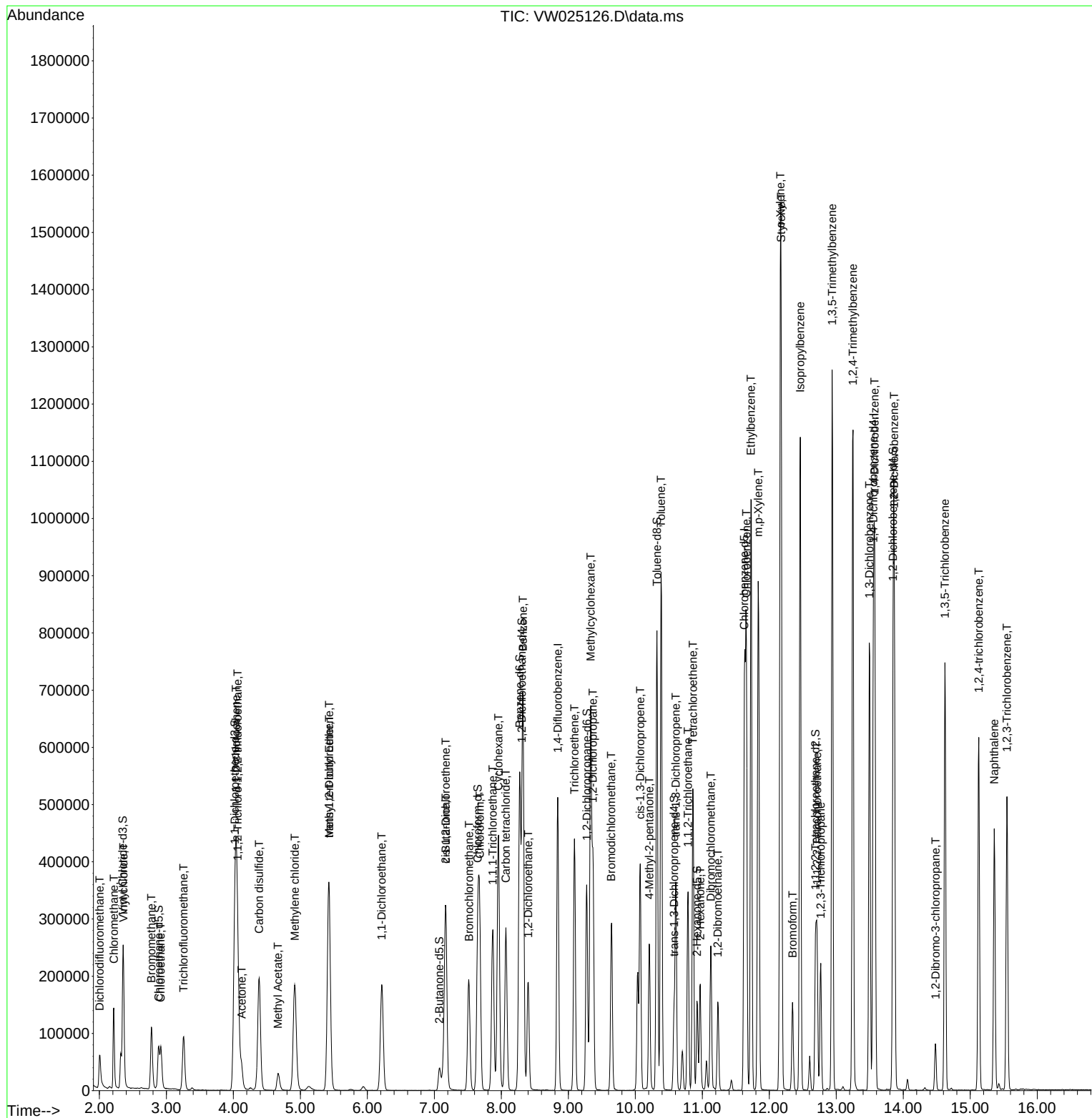
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	178000	26.852	ug/L	100
29) Cyclohexane	7.958	56	254711	26.538	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	234417	26.199	ug/L	99
31) Carbon tetrachloride	8.067	117	212767	25.861	ug/L	98
33) Benzene	8.323	78	627318	26.716	ug/L	100
34) Trichloroethene	9.092	95	161686	26.287	ug/L	97
35) Methylcyclohexane	9.335	83	279750	25.642	ug/L	98
37) 1,2-Dichloropropane	9.366	63	153567	27.116	ug/L	99
38) Bromodichloromethane	9.640	83	202744	27.099	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	238534	27.565	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	165771	57.100	ug/L	99
42) Toluene	10.384	91	664107	26.994	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	203334	27.437	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	111305	27.540	ug/L	92
46) Tetrachloroethene	10.860	164	116490	26.017	ug/L	97
48) 2-Hexanone	10.969	43	116650	55.009	ug/L	99
49) Dibromochloromethane	11.128	129	132655	27.330	ug/L	94
50) 1,2-Dibromoethane	11.231	107	103808	27.587	ug/L	97
51) Chlorobenzene	11.658	112	416514	26.454	ug/L	99
52) Ethylbenzene	11.725	91	746736	26.784	ug/L	96
53) m,p-Xylene	11.835	106	286199	26.880	ug/L	94
54) o-Xylene	12.164	106	270935	26.700	ug/L	93
55) Styrene	12.176	104	474122	27.590	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	129433	27.385	ug/L	95
59) Bromoform	12.347	173	67304	26.100	ug/L	94
60) Isopropylbenzene	12.463	105	756401	26.279	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94590	26.207	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	652908	26.481	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	642414	26.820	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	316030	26.819	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	323873	27.292	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	286652	27.894	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22662	26.929	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	211582	25.287	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	186396	27.764	ug/L	95
71) Naphthalene	15.359	128	381331	28.975	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	160276	27.242	ug/L	98

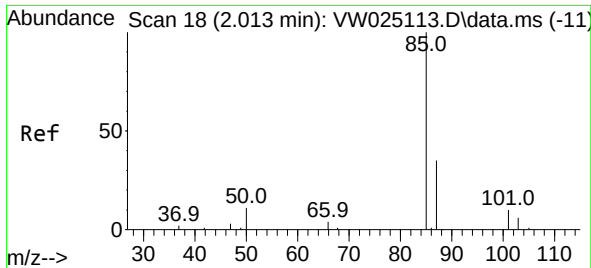
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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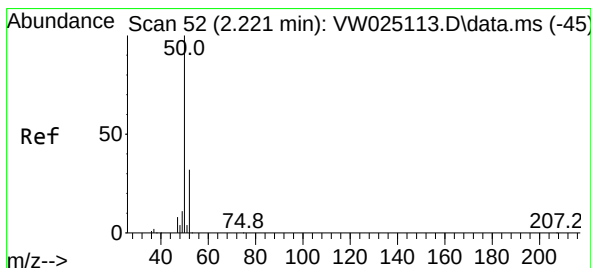
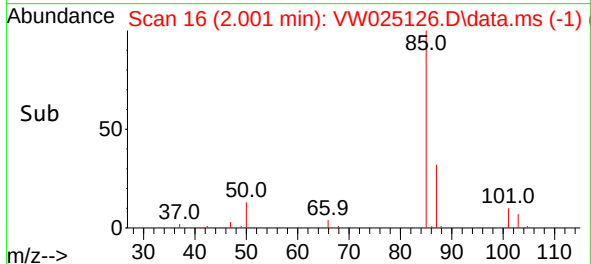
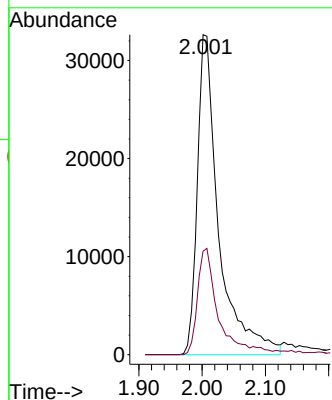
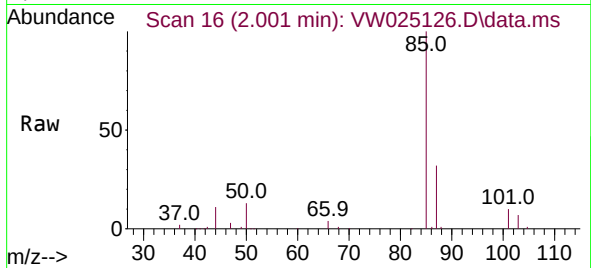




#2
Dichlorodifluoromethane
Concen: 29.531 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

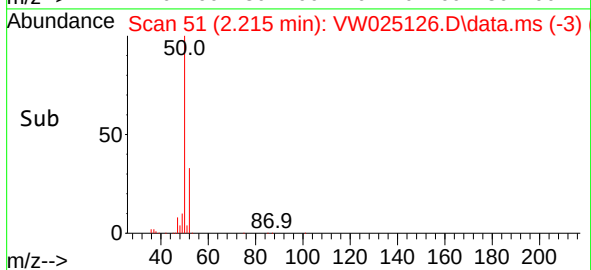
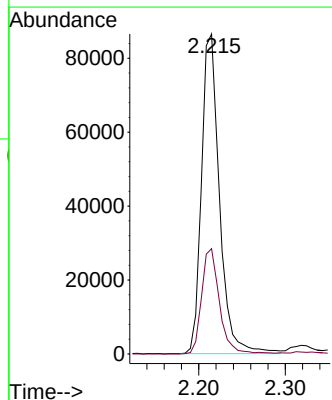
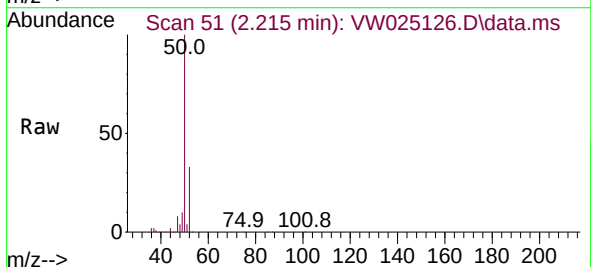
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MSVOA_V
ClientSampleId :
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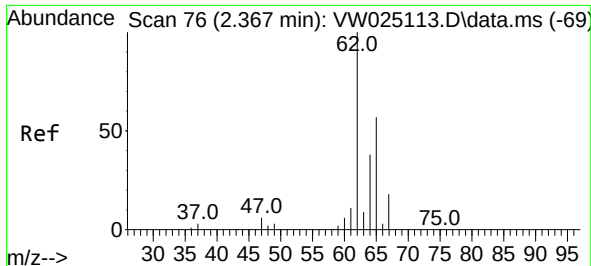
Tgt Ion: 85 Resp: 77157
Ion Ratio Lower Upper
85 100
87 30.3 25.0 37.6



#3
Chloromethane
Concen: 27.137 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 50 Resp: 124847
Ion Ratio Lower Upper
50 100
52 32.9 22.1 41.1

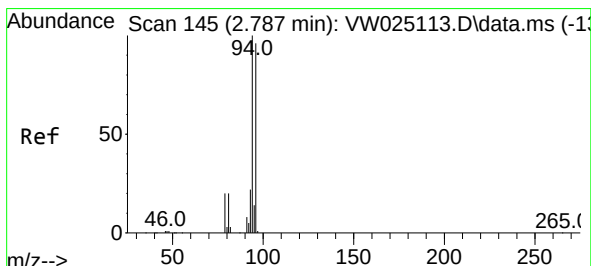
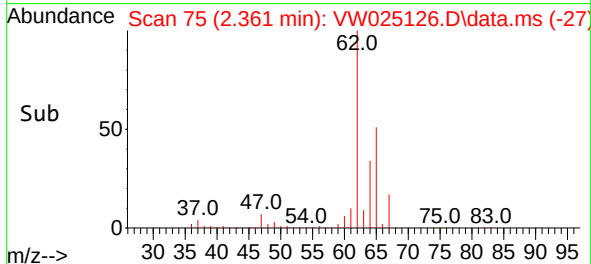
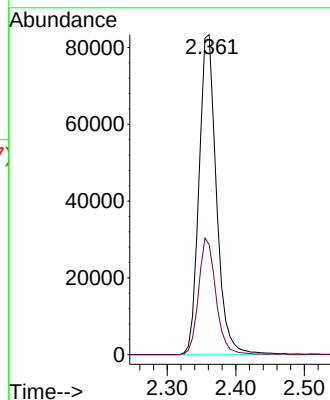
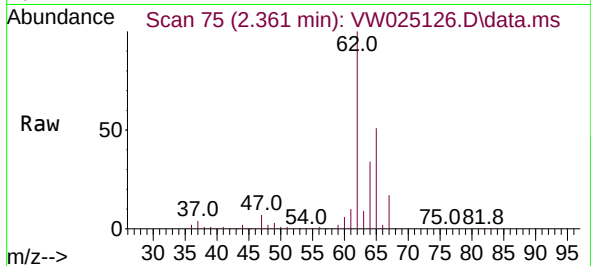




#5
 Vinyl chloride
 Concen: 25.716 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW025126.D
 Acq: 08 Dec 2022 11:57

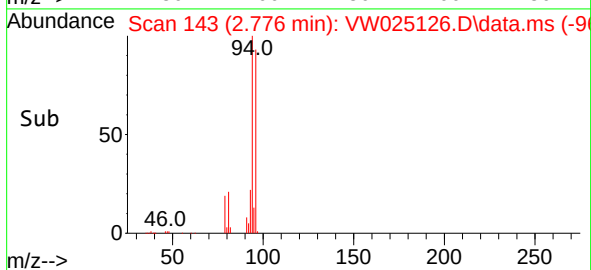
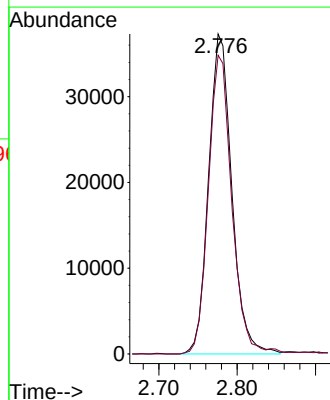
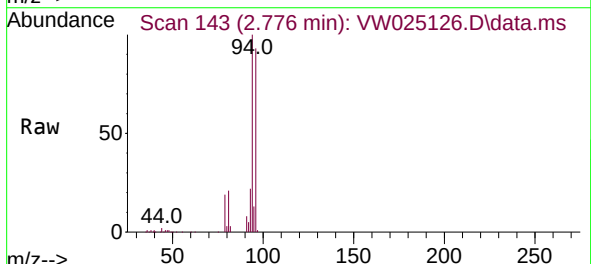
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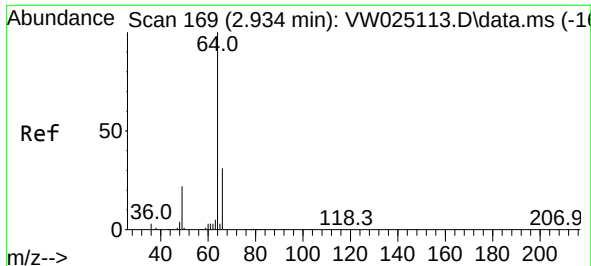
Tgt Ion: 62 Resp: 148000
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.8 46.1



#6
 Bromomethane
 Concen: 25.733 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.011 min
 Lab File: VW025126.D
 Acq: 08 Dec 2022 11:57

Tgt Ion: 94 Resp: 76739
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.7 123.9

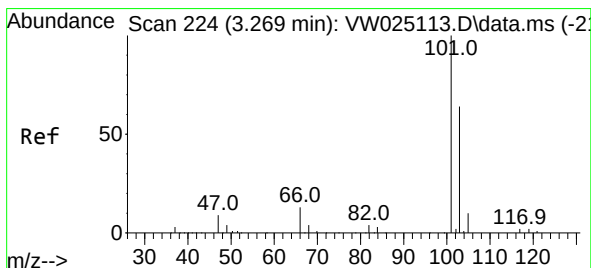
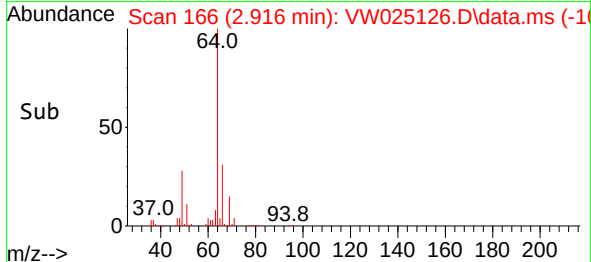
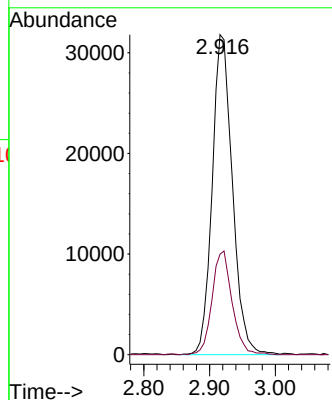
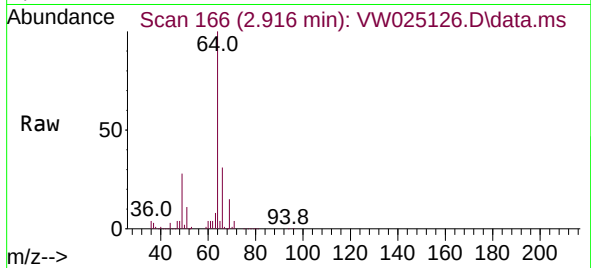




#8
Chloroethane
Concen: 25.605 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

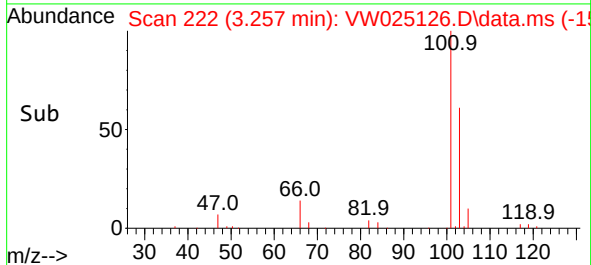
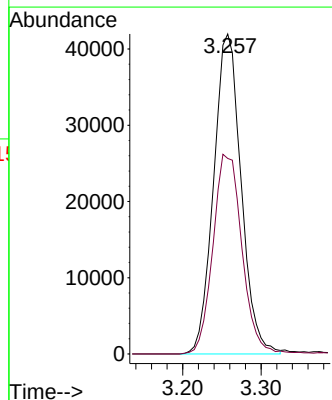
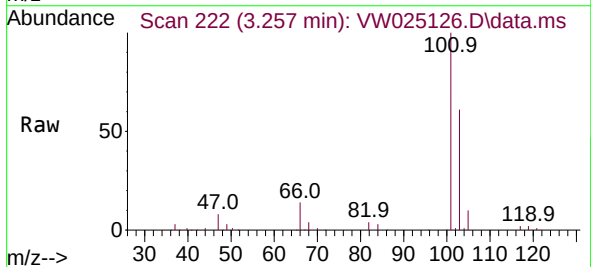
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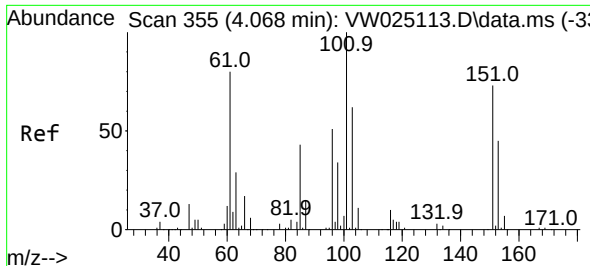
Tgt Ion: 64 Resp: 68158
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 23.741 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 101 Resp: 102395
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3

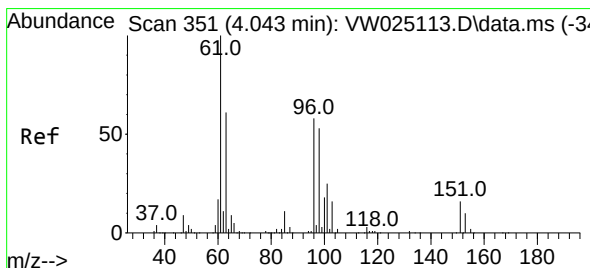
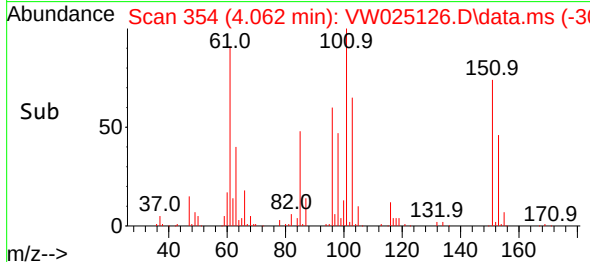
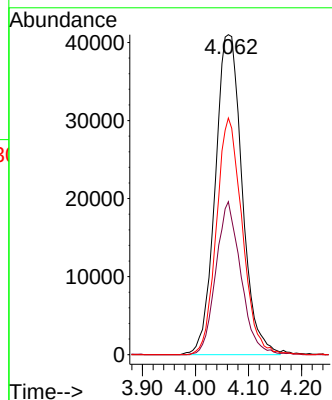
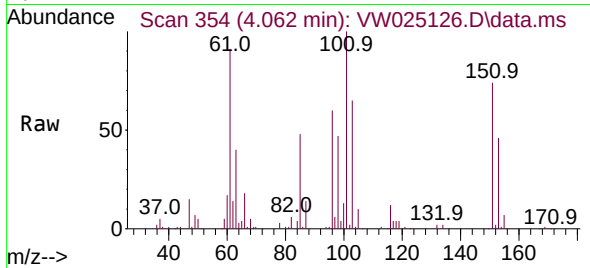




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.343 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025126.D
 Acq: 08 Dec 2022 11:57

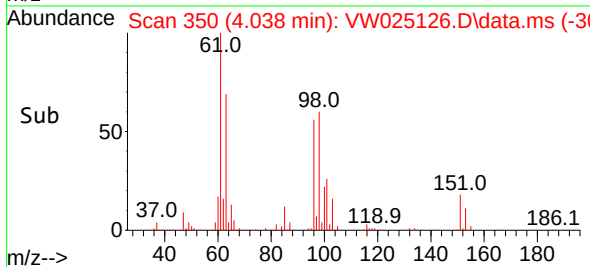
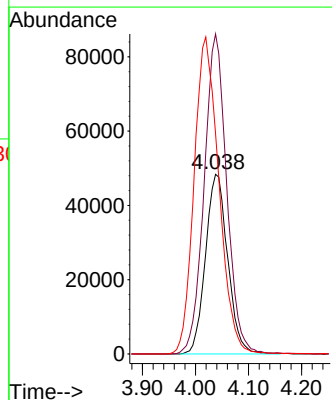
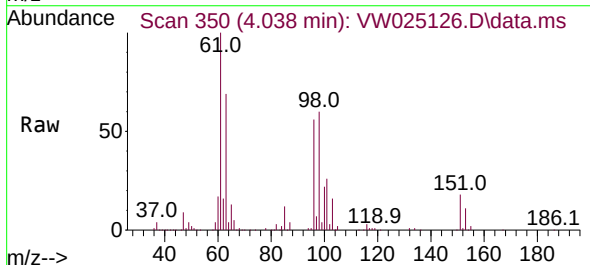
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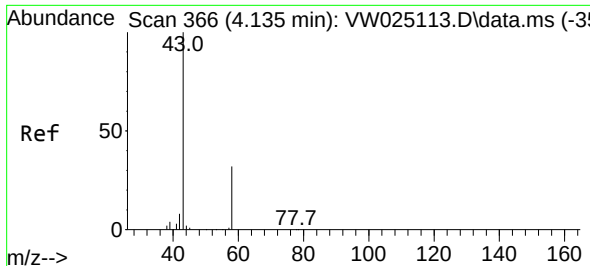
Tgt Ion:101 Resp: 144387
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 52.0
 151 70.3 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 25.889 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025126.D
 Acq: 08 Dec 2022 11:57

Tgt Ion: 96 Resp: 140620
 Ion Ratio Lower Upper
 96 100
 61 178.0 120.8 224.4
 63 122.6 84.1 156.1

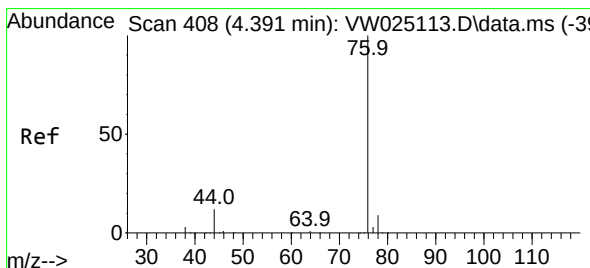
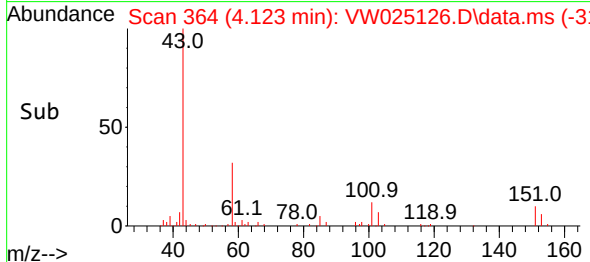
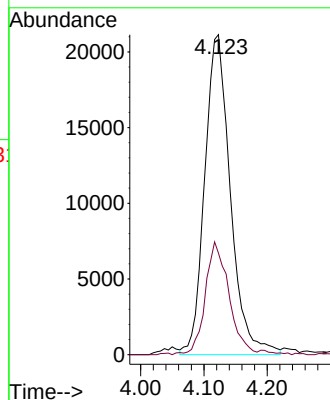
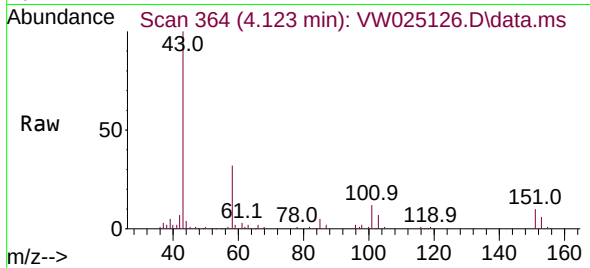




#13
Acetone
Concen: 46.578 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW025126.D
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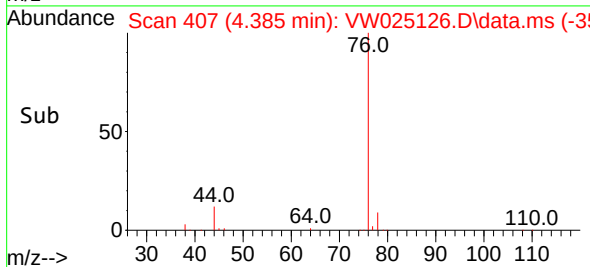
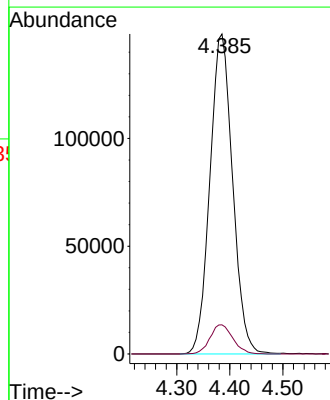
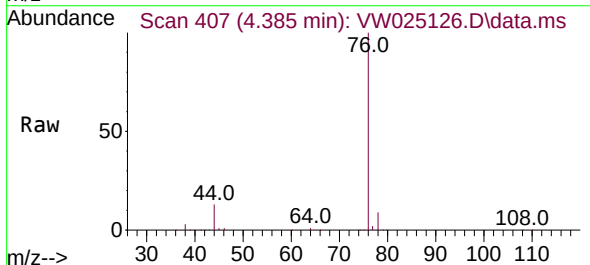
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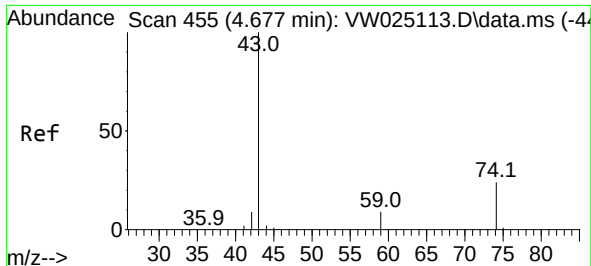
Tgt Ion: 43 Resp: 59737
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.2



#14
Carbon disulfide
Concen: 25.464 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 441549
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

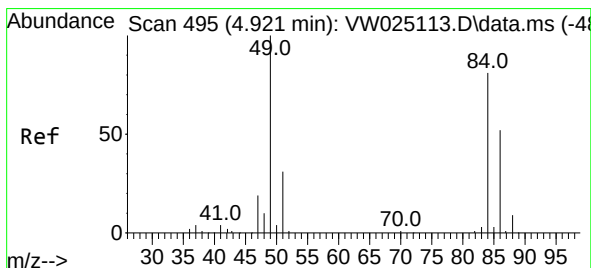
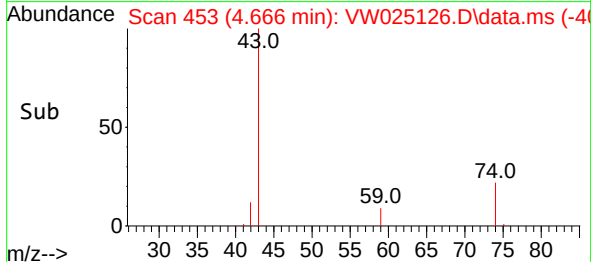
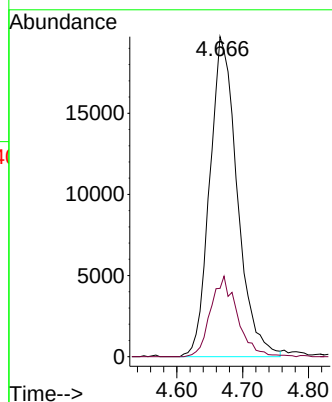
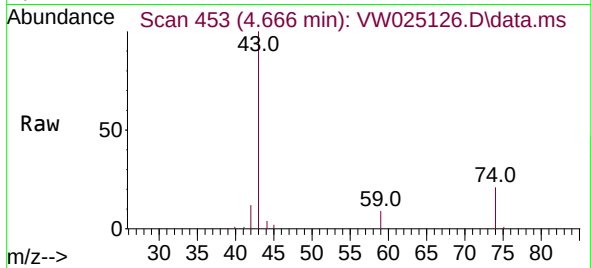




#15
Methyl Acetate
Concen: 27.392 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

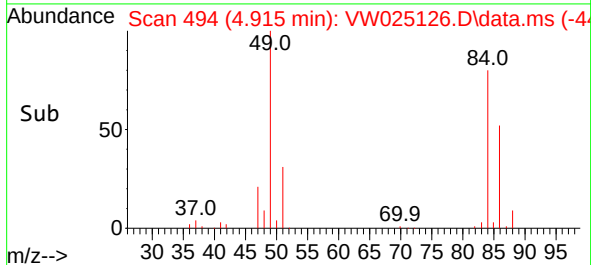
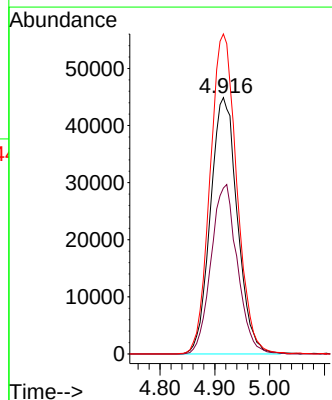
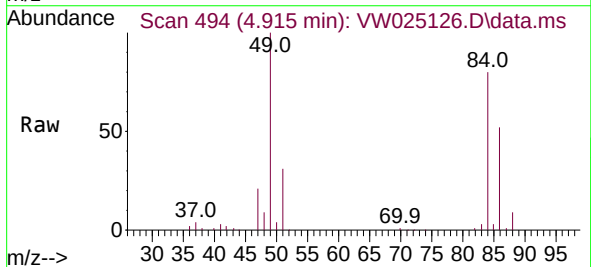
Instrument :
MSVOA_V
ClientSampleId :
VICV478

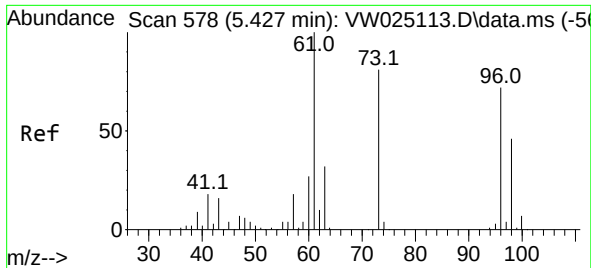
Tgt Ion: 43 Resp: 57341
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3



#16
Methylene chloride
Concen: 22.750 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 84 Resp: 153296
Ion Ratio Lower Upper
84 100
86 64.8 45.0 83.6
49 124.8 86.3 160.3

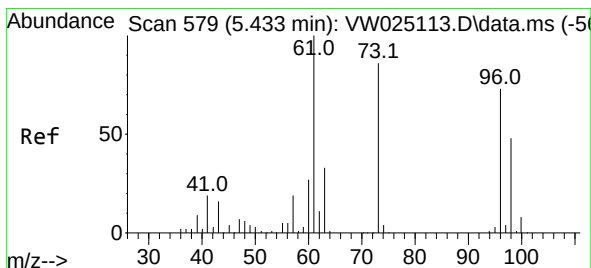
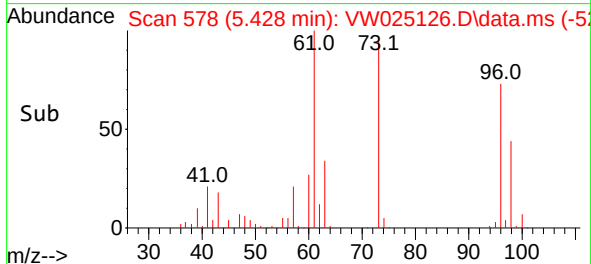
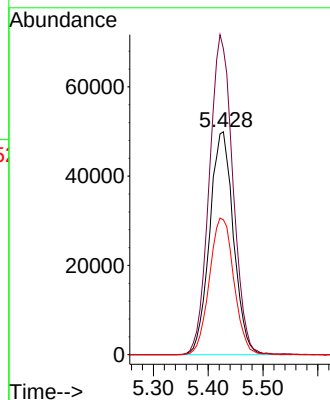
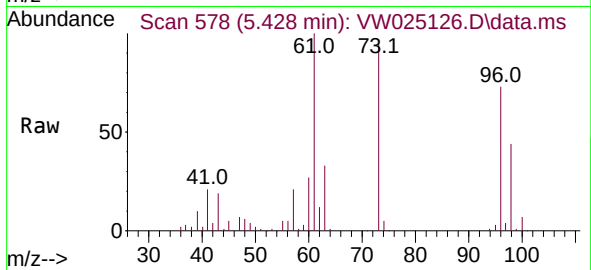




#17
trans-1,2-Dichloroethene
Concen: 26.227 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.001 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

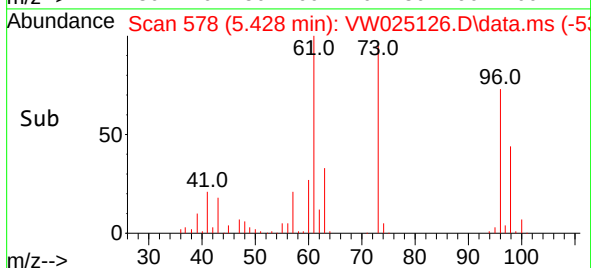
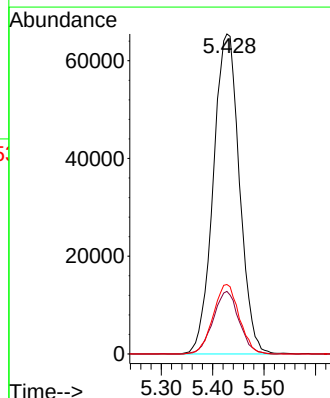
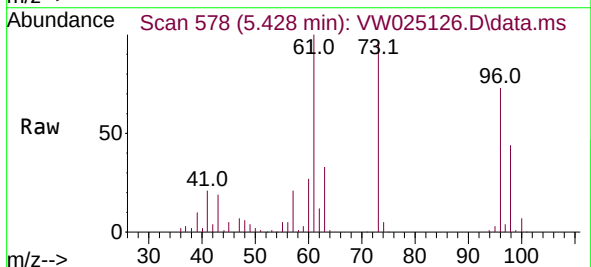
Instrument :
MSVOA_V
ClientSampleId :
VICV478

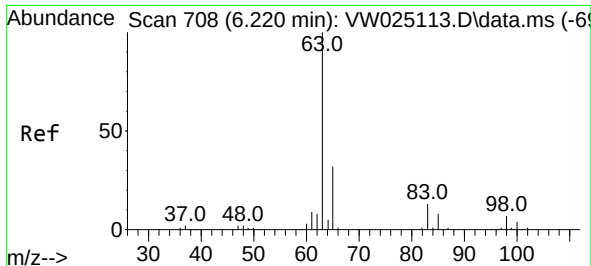
Tgt Ion: 96 Resp: 151017
Ion Ratio Lower Upper
96 100
61 137.3 95.5 177.3
98 60.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 27.057 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 73 Resp: 231173
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 21.6 17.5 26.3

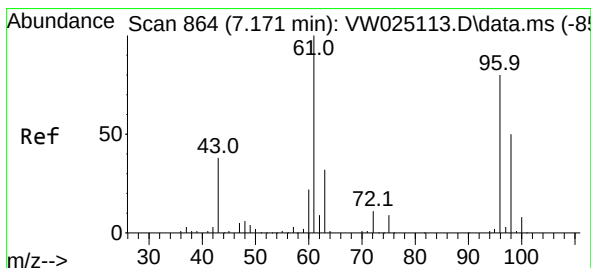
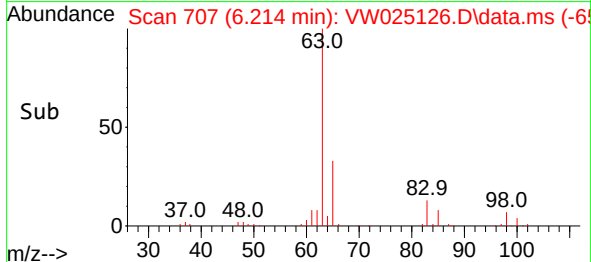
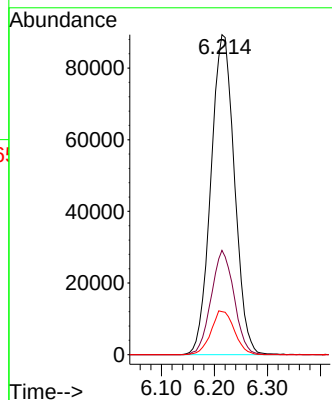
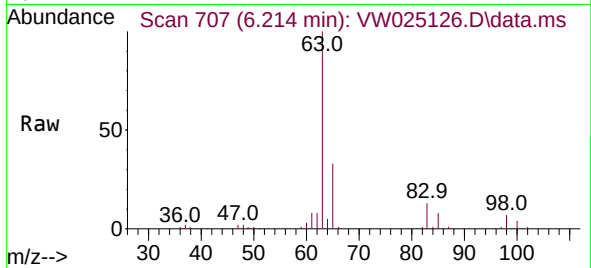




#19
1,1-Dichloroethane
Concen: 26.494 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

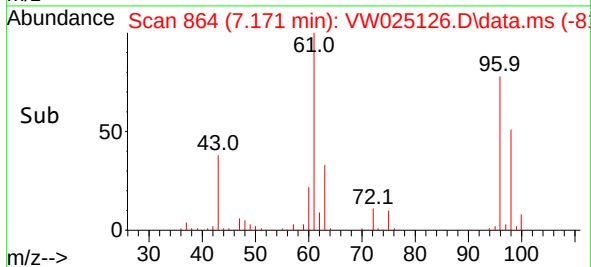
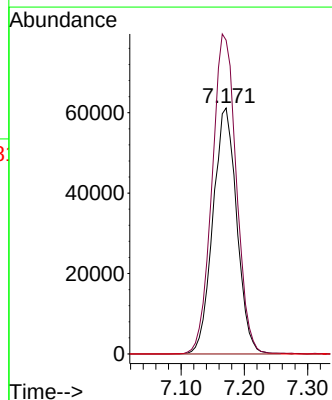
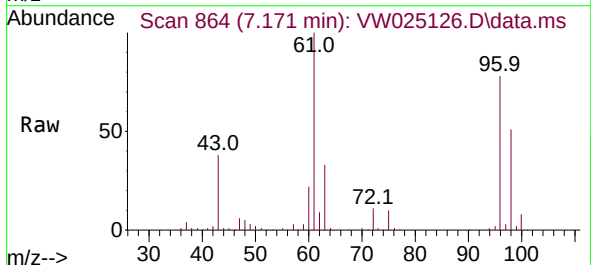
Instrument :
MSVOA_V
ClientSampleId :
VICV478

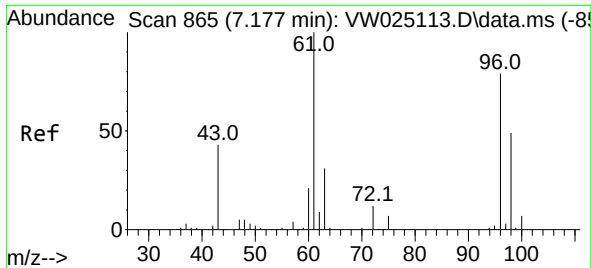
Tgt Ion: 63 Resp: 275653
Ion Ratio Lower Upper
63 100
65 32.6 22.2 41.2
83 13.5 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 26.282 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 96 Resp: 160021
Ion Ratio Lower Upper
96 100
61 127.6 93.7 173.9
68 0.0 0.0 0.0

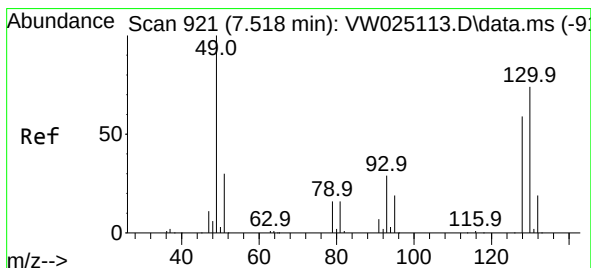
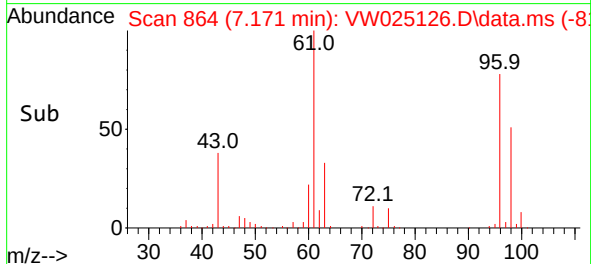
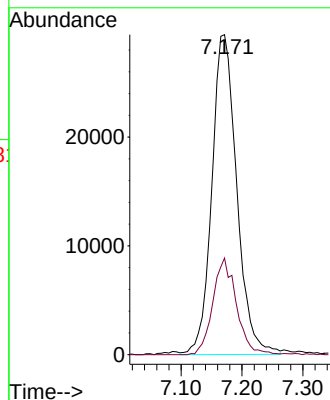
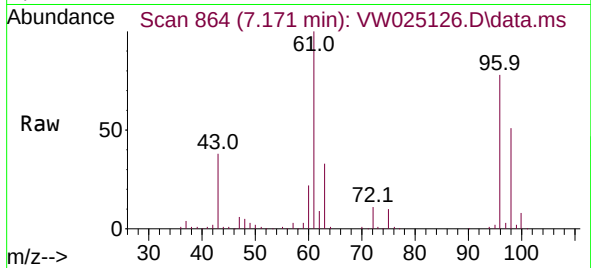




#22
2-Butanone
Concen: 51.792 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

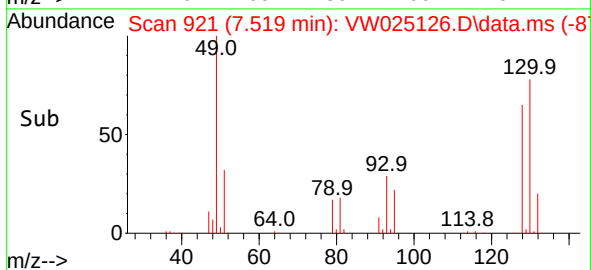
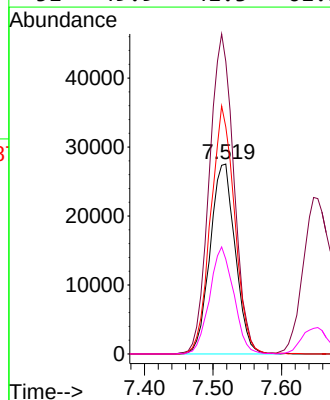
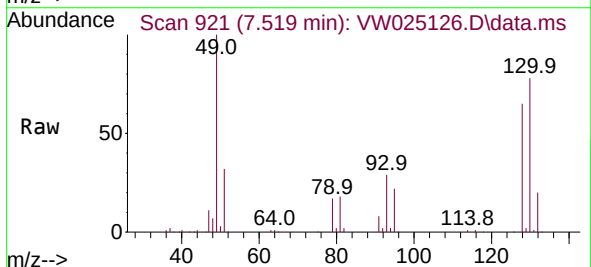
Instrument :
MSVOA_V
ClientSampleId :
VICV478

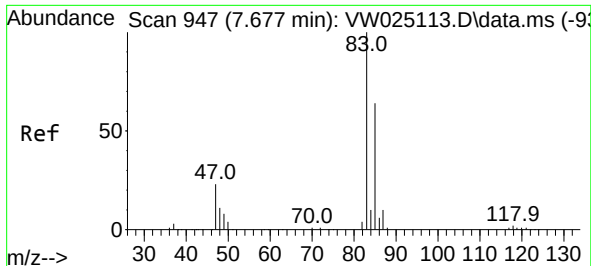
Tgt Ion: 43 Resp: 83567
Ion Ratio Lower Upper
43 100
72 28.5 15.0 45.0



#23
Bromochloromethane
Concen: 27.167 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 128 Resp: 69995
Ion Ratio Lower Upper
128 100
49 154.1 114.1 211.9
130 119.6 89.0 165.2
51 49.9 41.3 61.9

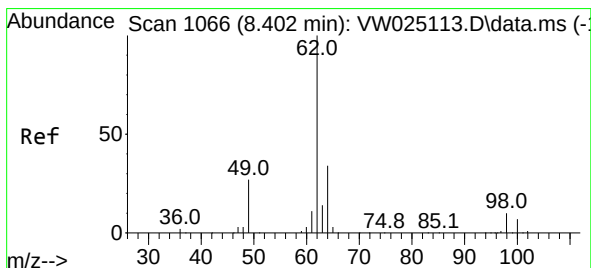
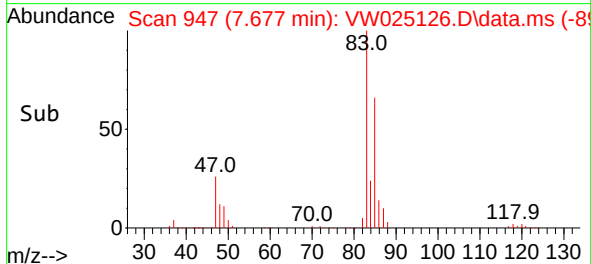
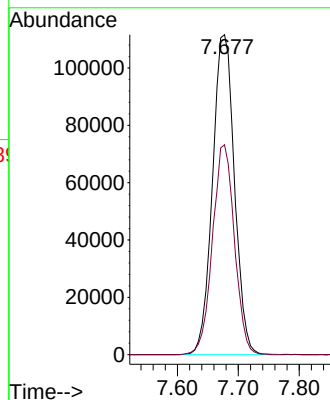
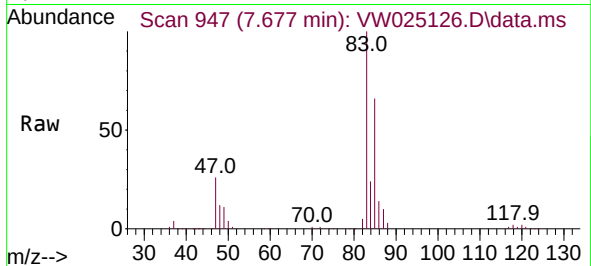




#25
Chloroform
Concen: 26.539 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

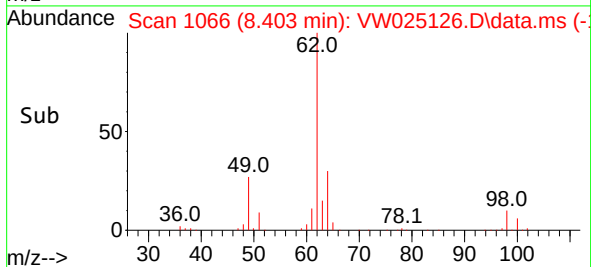
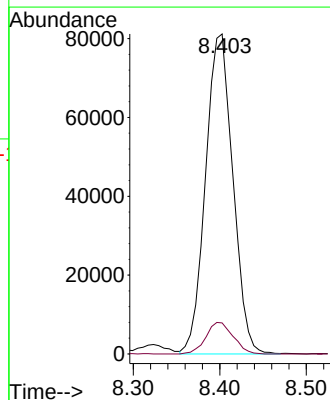
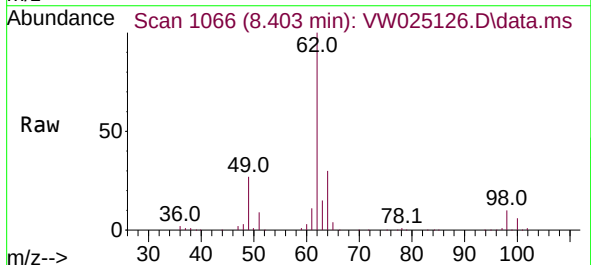
Instrument :
MSVOA_V
ClientSampleId :
VICV478

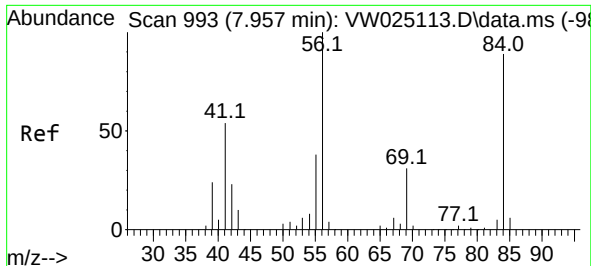
Tgt Ion: 83 Resp: 279420
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 26.852 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 62 Resp: 178000
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

Cyclohexane

Concen: 26.538 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

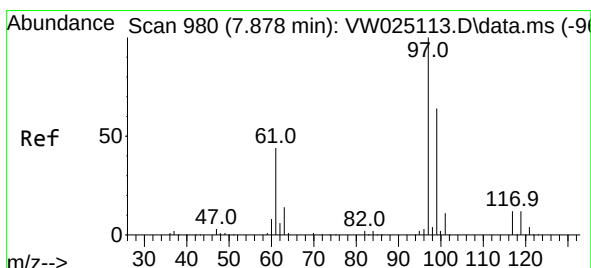
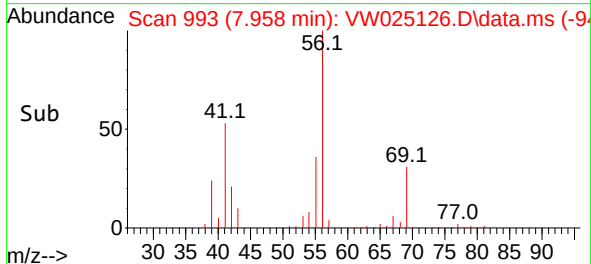
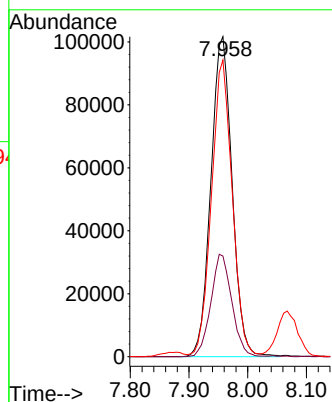
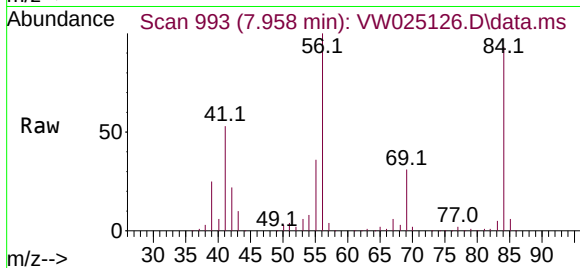
Tgt Ion: 56 Resp: 254711

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 91.0 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 26.199 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

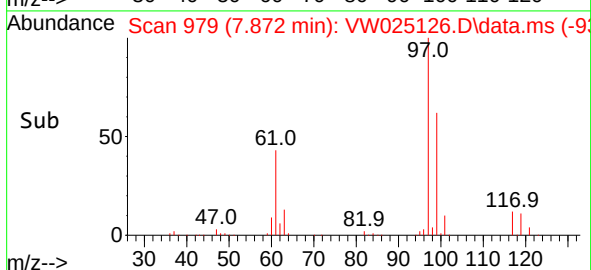
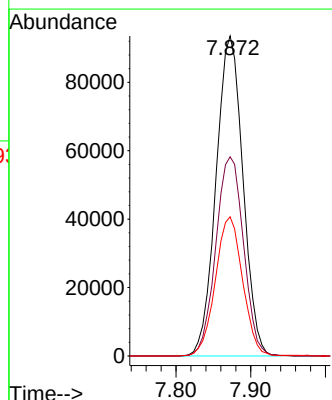
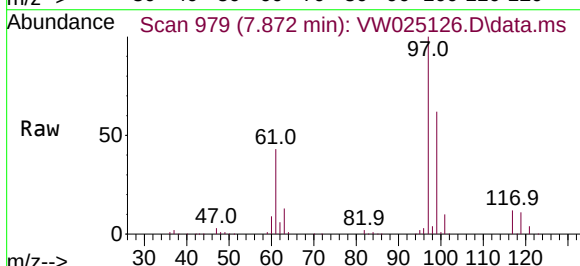
Tgt Ion: 97 Resp: 234417

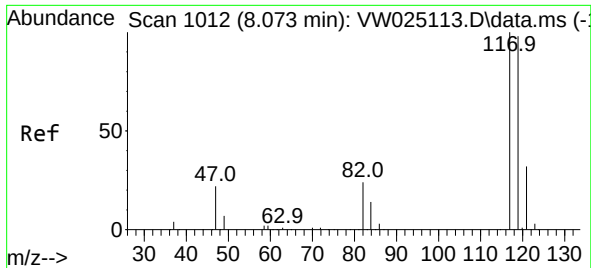
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 43.9 35.5 53.3

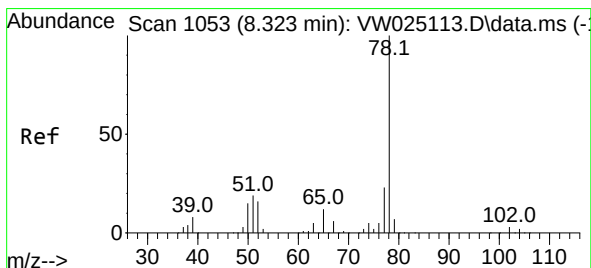
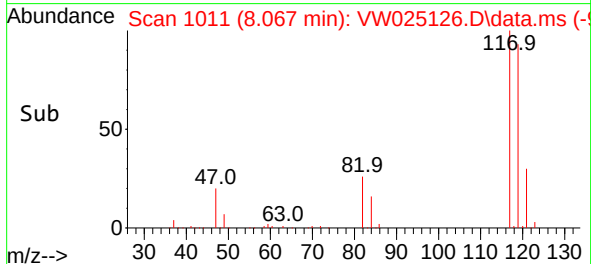
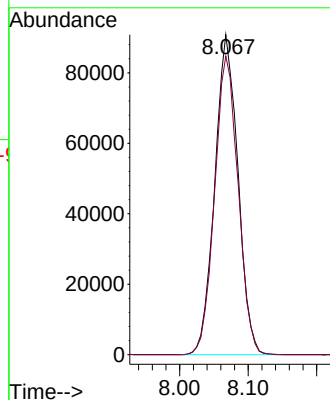
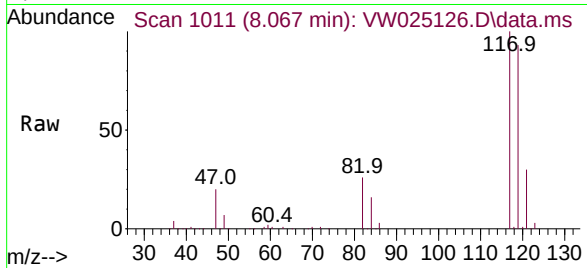




#31
Carbon tetrachloride
Concen: 25.861 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

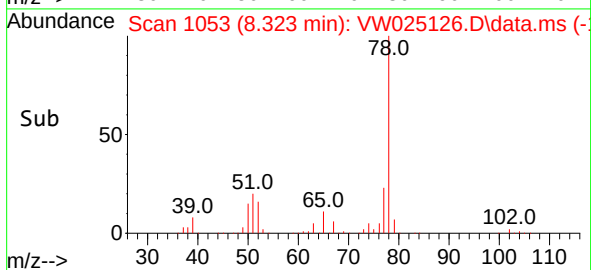
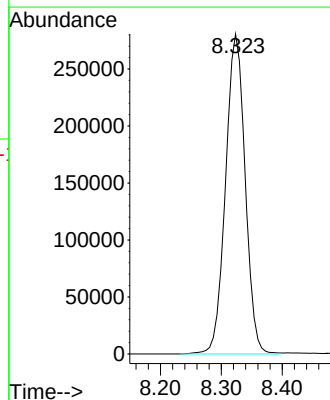
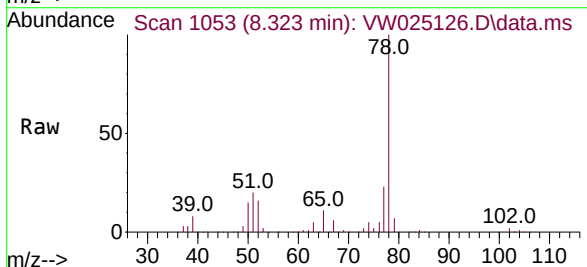
Instrument :
MSVOA_V
ClientSampleId :
VICV478

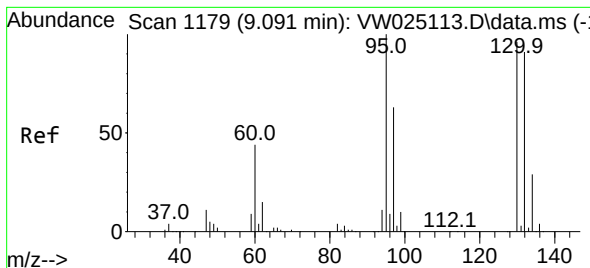
Tgt Ion:117 Resp: 212767
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.4



#33
Benzene
Concen: 26.716 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 78 Resp: 627318





#34

Trichloroethene

Concen: 26.287 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

Tgt Ion: 95 Resp: 161686

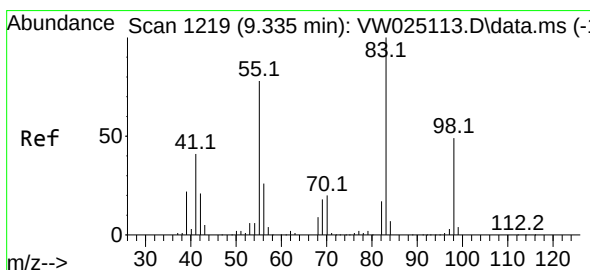
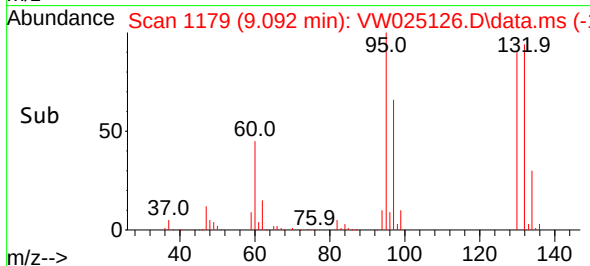
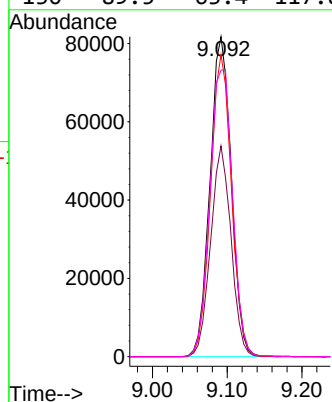
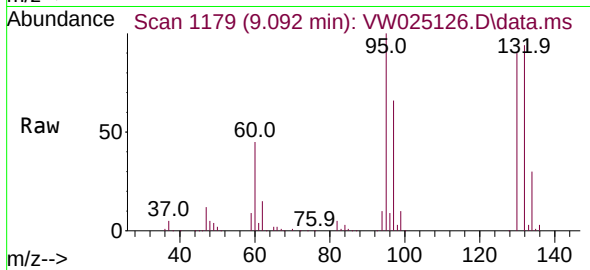
Ion Ratio Lower Upper

95 100

97 65.8 44.3 82.3

132 94.4 63.0 117.0

130 89.5 63.4 117.8



#35

Methylcyclohexane

Concen: 25.642 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

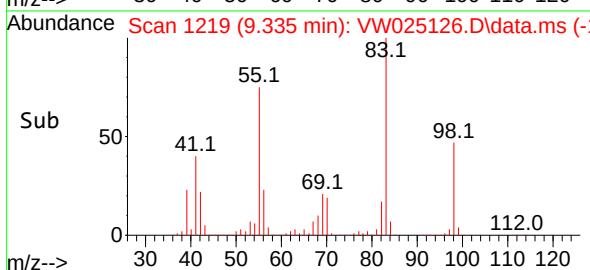
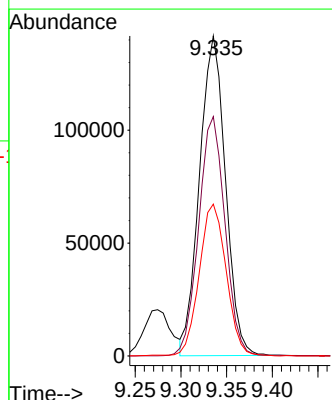
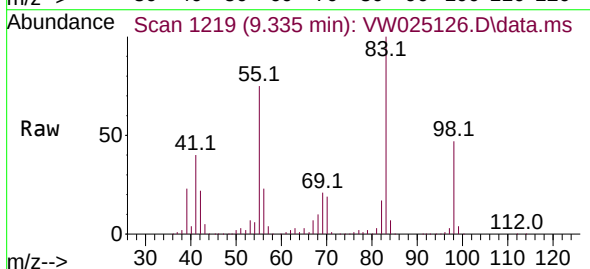
Tgt Ion: 83 Resp: 279750

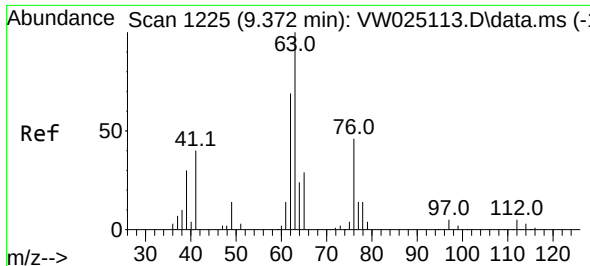
Ion Ratio Lower Upper

83 100

55 76.0 59.3 88.9

98 49.3 38.6 57.8





#37

1,2-Dichloropropane

Concen: 27.116 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

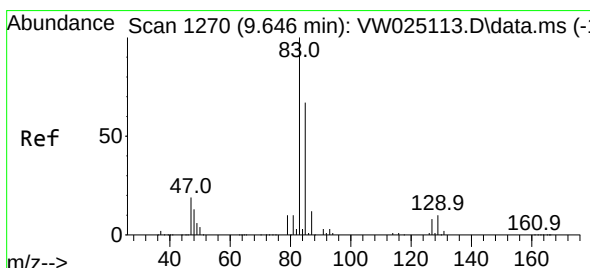
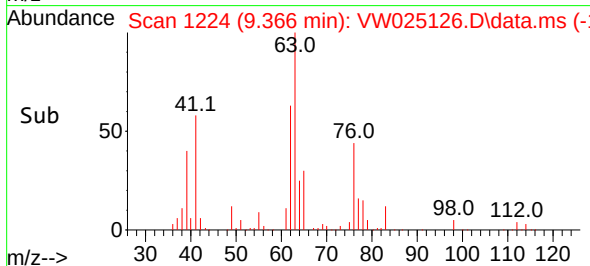
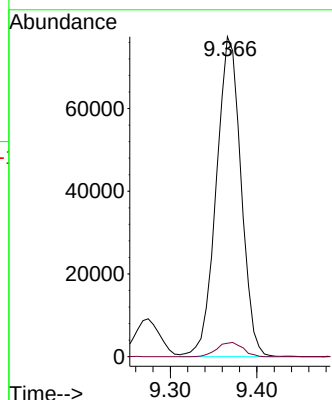
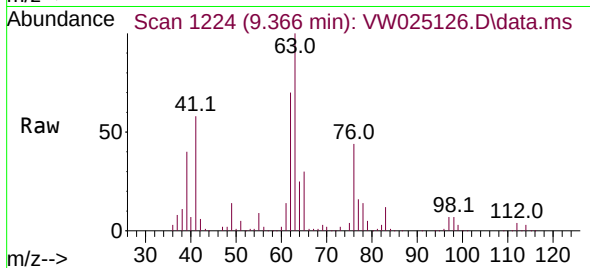
VICV478

Tgt Ion: 63 Resp: 153567

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 27.099 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

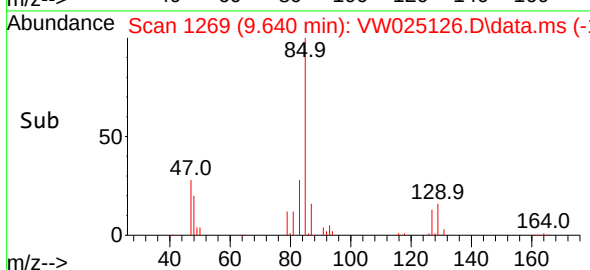
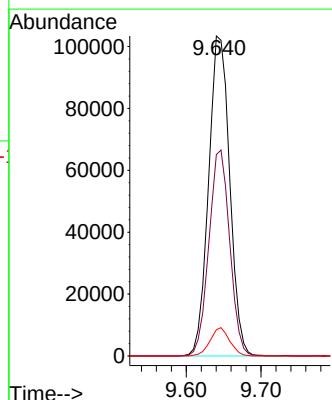
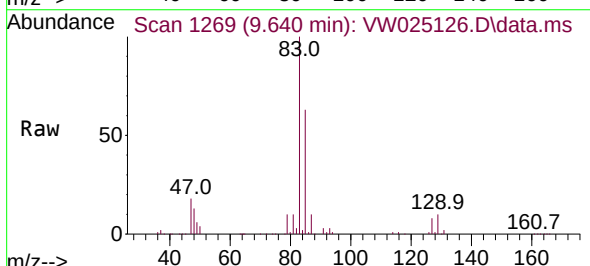
Tgt Ion: 83 Resp: 202744

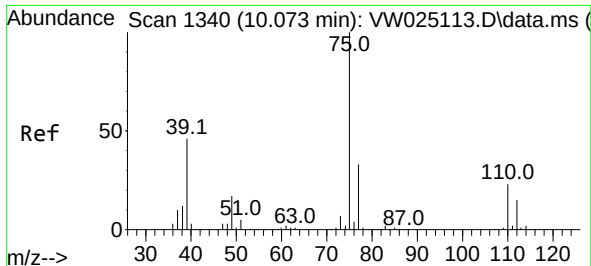
Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.565 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

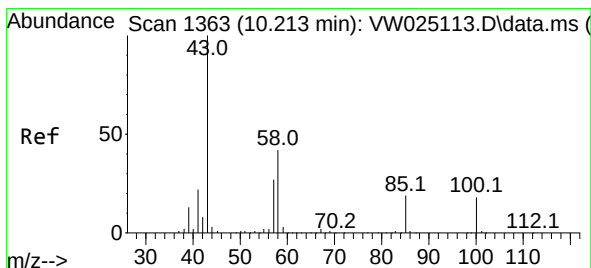
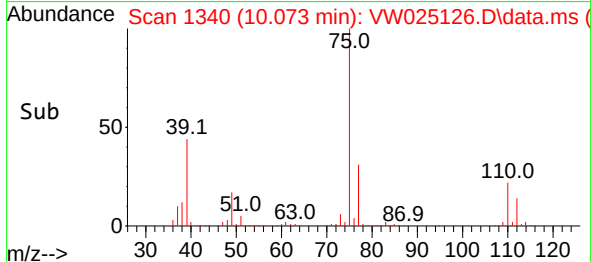
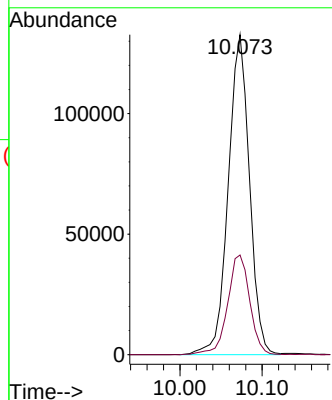
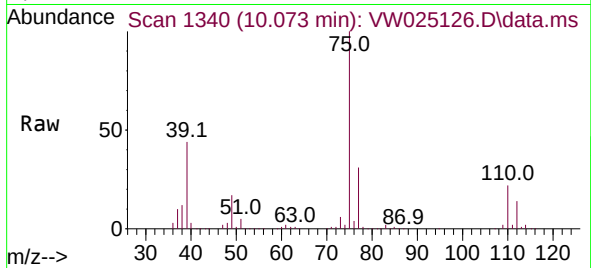
VICV478

Tgt Ion: 75 Resp: 238534

Ion Ratio Lower Upper

75 100

77 31.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 57.100 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

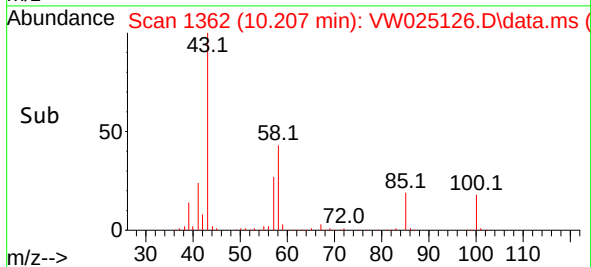
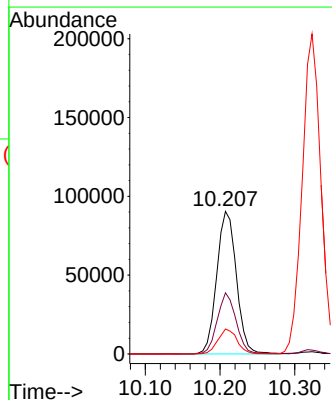
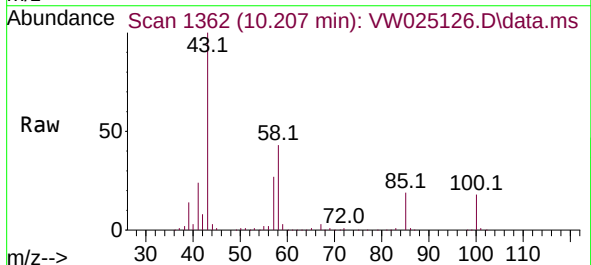
Tgt Ion: 43 Resp: 165771

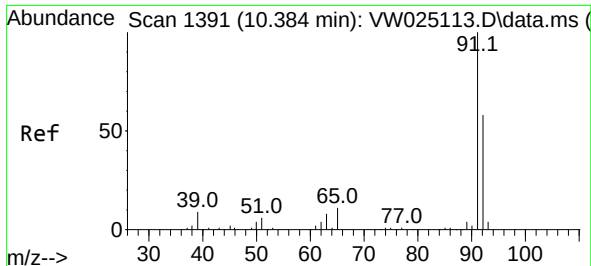
Ion Ratio Lower Upper

43 100

58 41.2 33.3 49.9

100 17.1 13.8 20.6

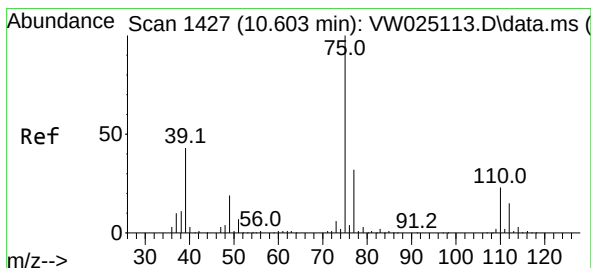
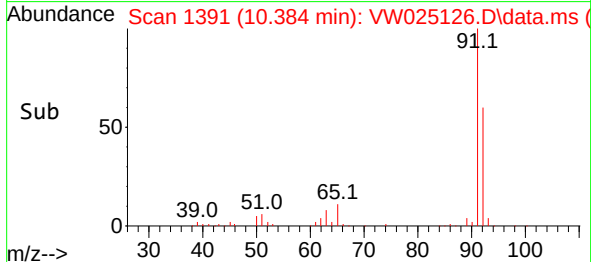
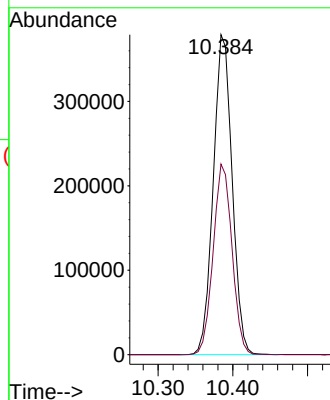
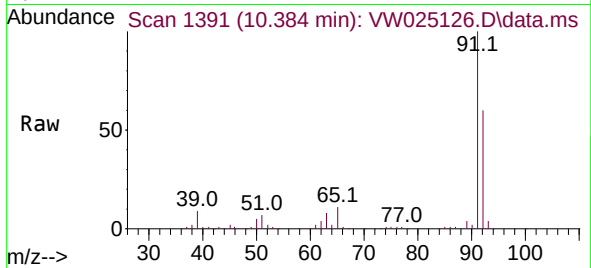




#42
Toluene
Concen: 26.994 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

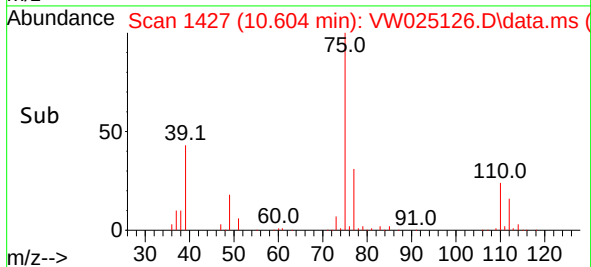
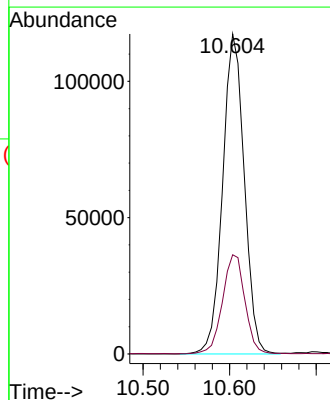
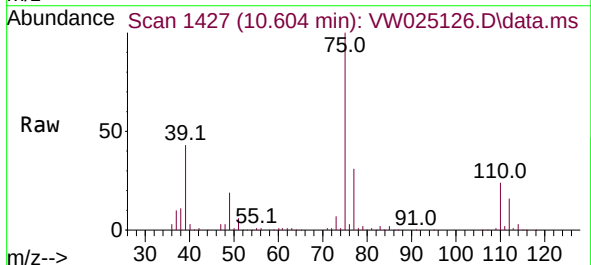
Instrument :
MSVOA_V
ClientSampleId :
VICV478

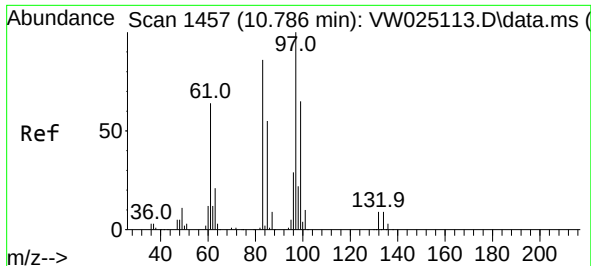
Tgt Ion: 91 Resp: 664107
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.437 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 75 Resp: 203334
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7

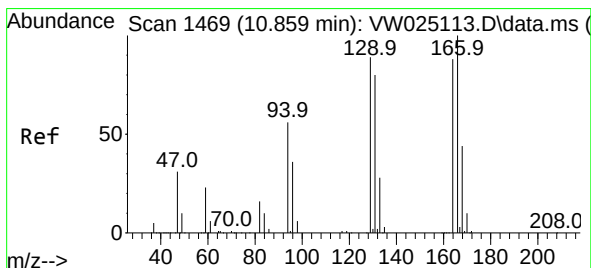
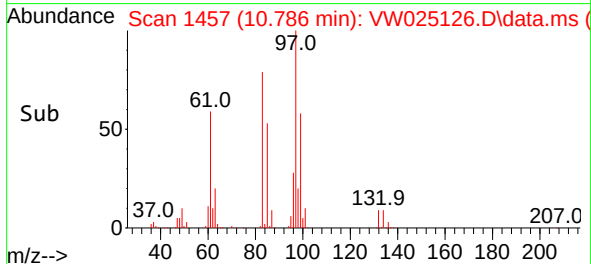
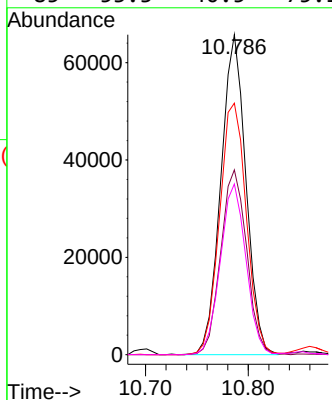
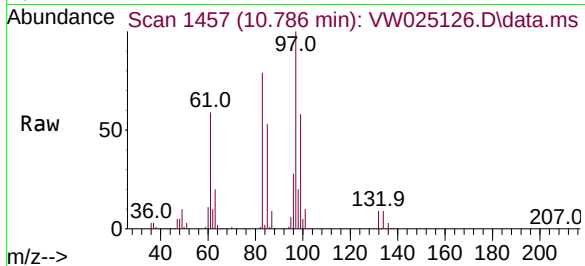




#45
1,1,2-Trichloroethane
Concen: 27.540 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

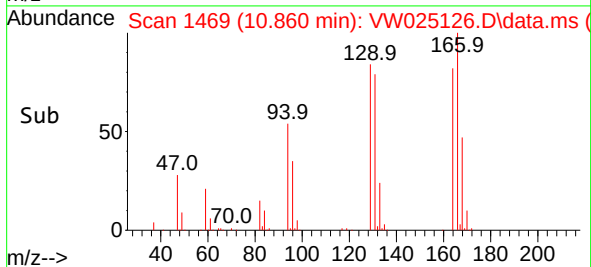
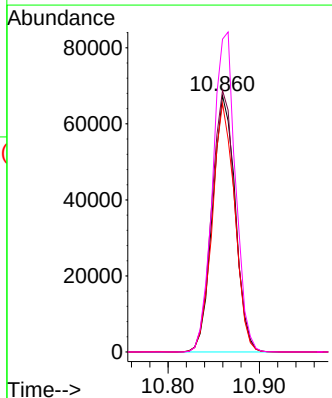
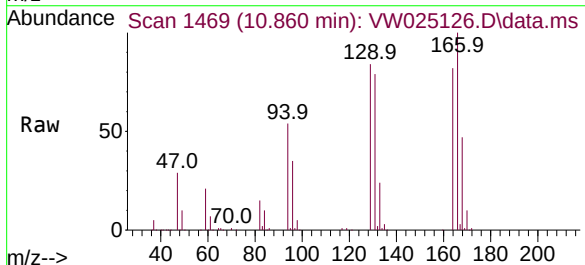
Instrument :
MSVOA_V
ClientSampleId :
VICV478

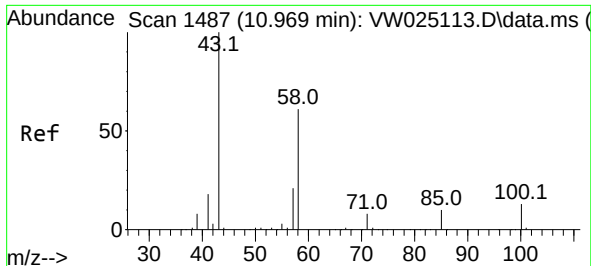
Tgt Ion:	97	Resp:	111305
Ion	Ratio	Lower	Upper
97	100		
99	57.8	44.3	82.3
83	78.6	61.3	113.9
85	53.3	40.5	75.1



#46
Tetrachloroethene
Concen: 26.017 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion:	164	Resp:	116490
Ion	Ratio	Lower	Upper
164	100		
129	102.1	73.4	136.4
131	97.0	70.8	131.4
166	122.1	88.3	164.1

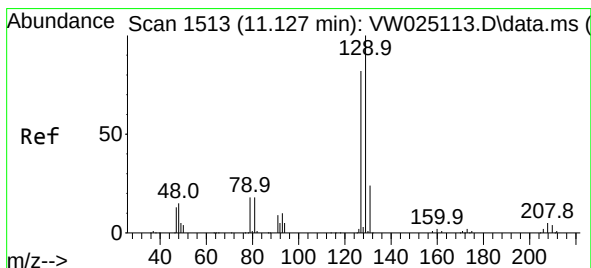
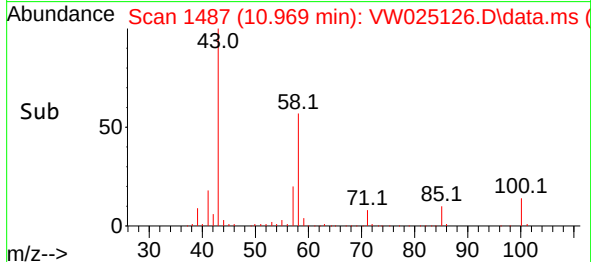
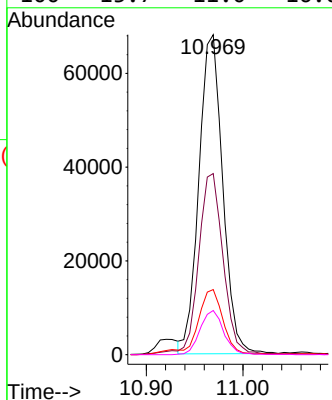
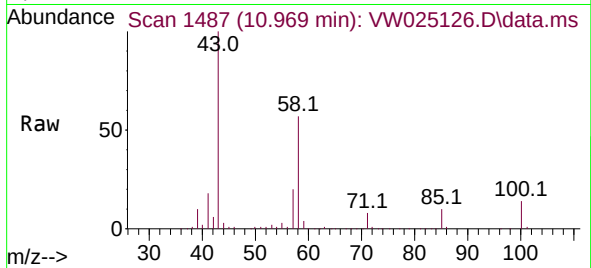




#48
2-Hexanone
Concen: 55.009 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

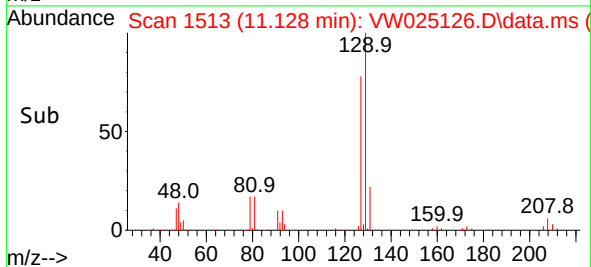
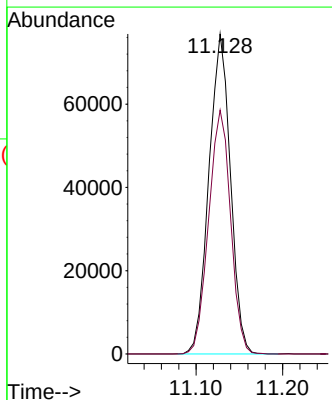
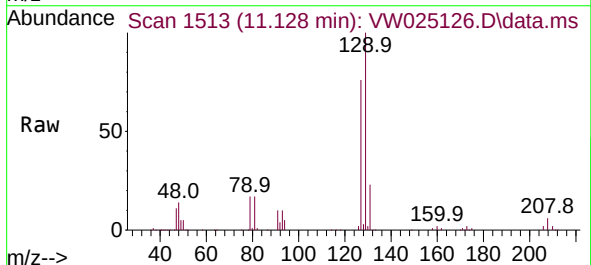
Instrument :
MSVOA_V
ClientSampleId :
VICV478

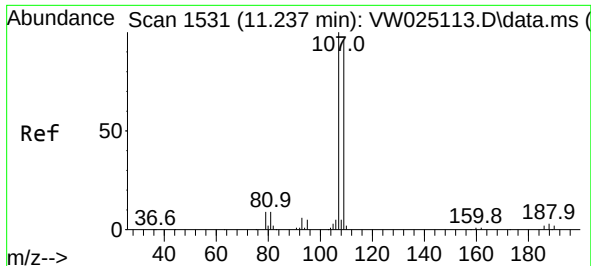
Tgt Ion:	43	Resp:	116650
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.6	69.8
57	20.3	16.7	25.1
100	13.7	11.0	16.6



#49
Dibromochloromethane
Concen: 27.330 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion:	129	Resp:	132655
Ion	Ratio	Lower	Upper
129	100		
127	76.2	49.7	92.3

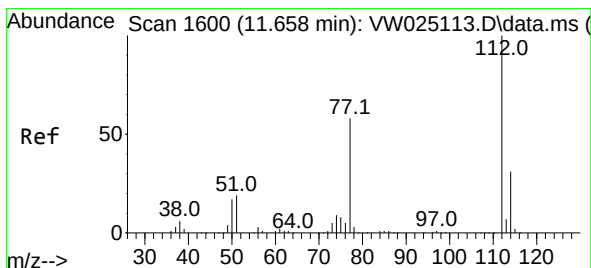
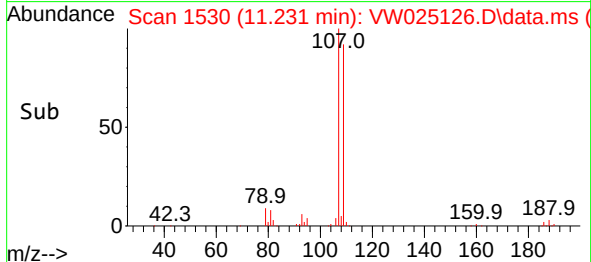
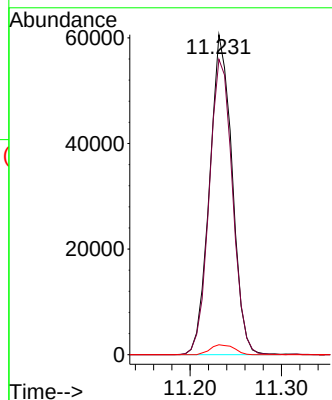
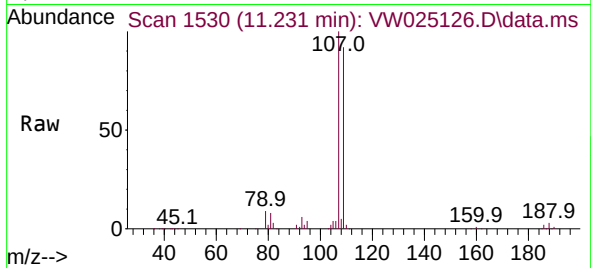




#50
1,2-Dibromoethane
Concen: 27.587 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

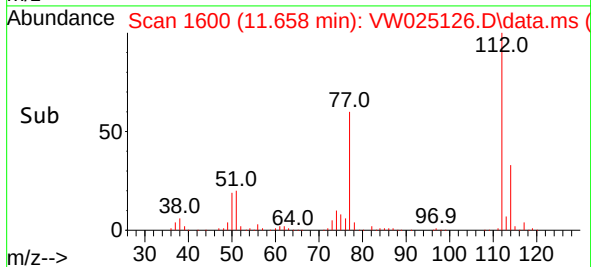
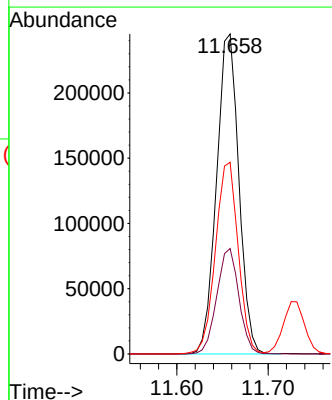
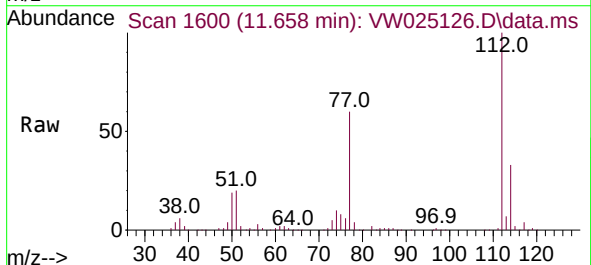
Instrument :
MSVOA_V
ClientSampleId :
VICV478

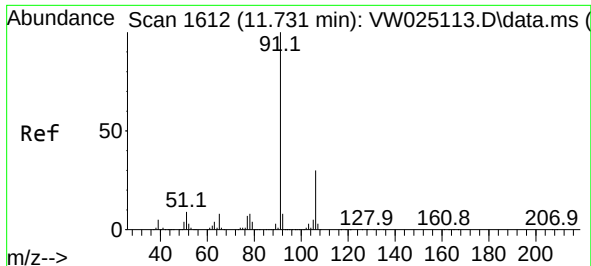
Tgt Ion:107 Resp: 103808
Ion Ratio Lower Upper
107 100
109 92.3 66.8 124.2
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 26.454 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion:112 Resp: 416514
Ion Ratio Lower Upper
112 100
114 33.0 23.2 43.2
77 59.9 47.2 70.8

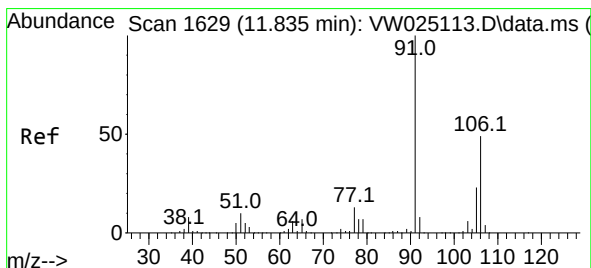
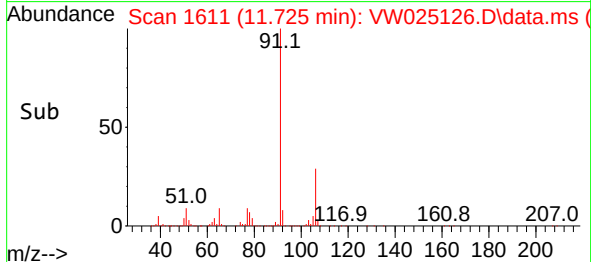
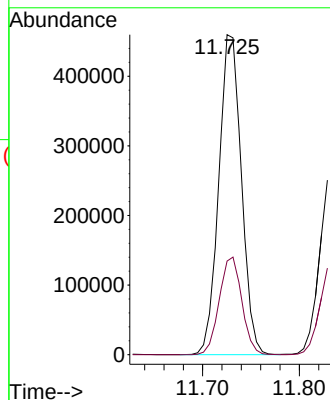
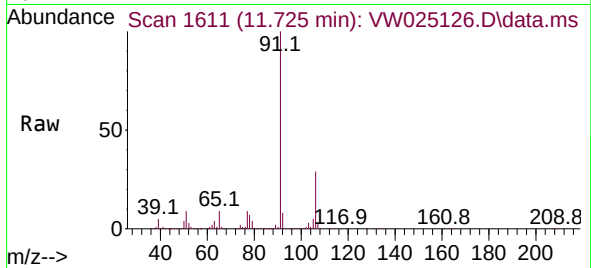




#52
Ethylbenzene
Concen: 26.784 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

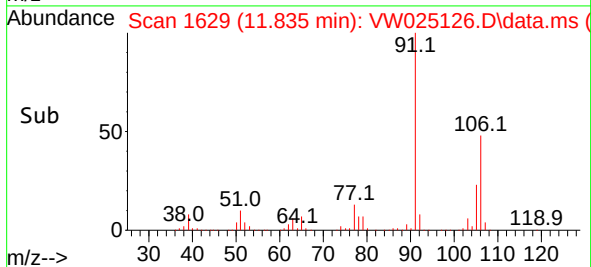
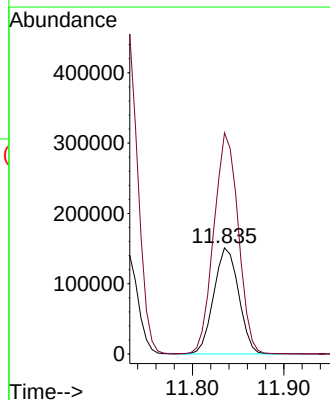
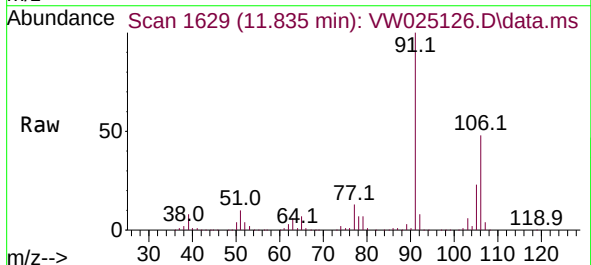
Instrument :
MSVOA_V
ClientSampleId :
VICV478

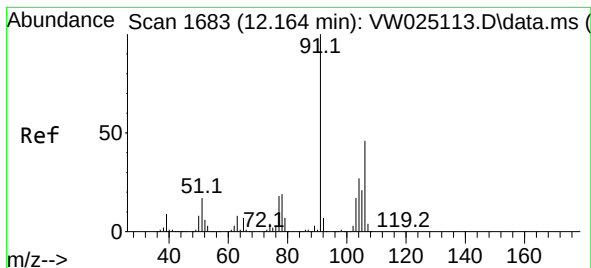
Tgt Ion: 91 Resp: 746736
Ion Ratio Lower Upper
91 100
106 29.3 21.9 40.7



#53
m,p-Xylene
Concen: 26.880 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 106 Resp: 286199
Ion Ratio Lower Upper
106 100
91 208.3 139.7 259.4





#54

o-Xylene

Concen: 26.700 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

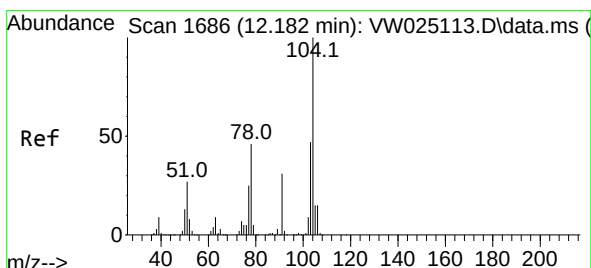
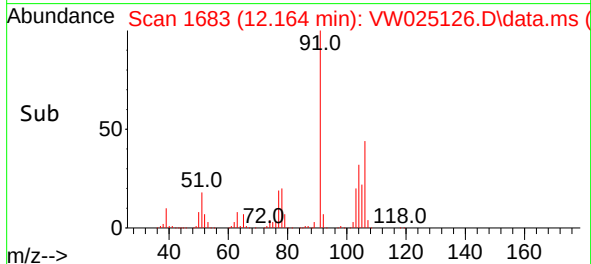
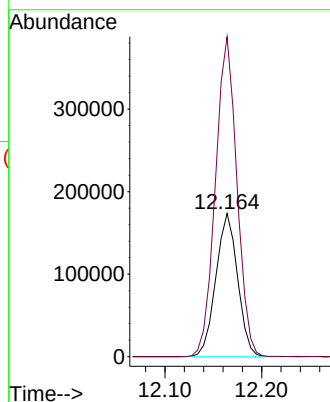
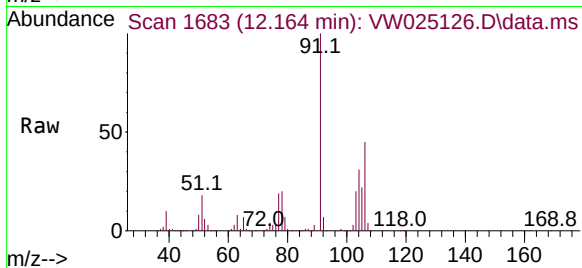
VICV478

Tgt Ion:106 Resp: 270935

Ion Ratio Lower Upper

106 100

91 223.5 148.8 276.4



#55

Styrene

Concen: 27.590 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW025126.D

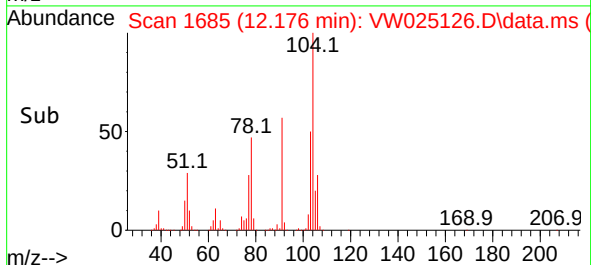
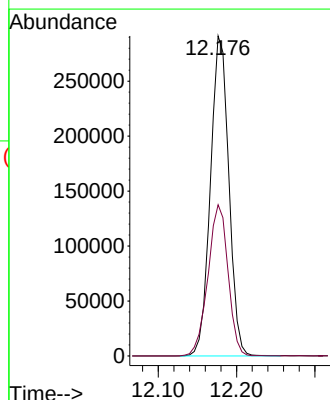
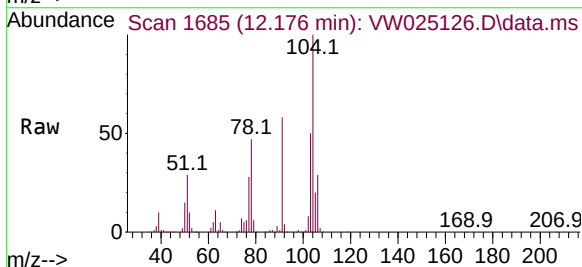
Acq: 08 Dec 2022 11:57

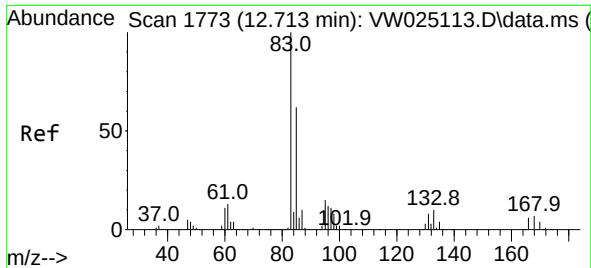
Tgt Ion:104 Resp: 474122

Ion Ratio Lower Upper

104 100

78 47.2 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.385 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

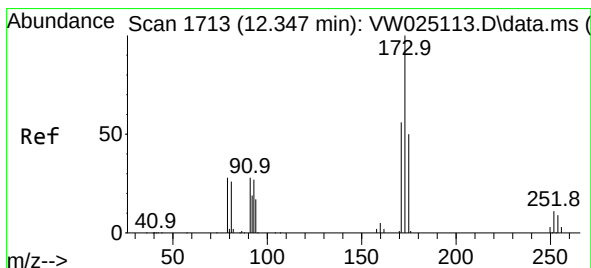
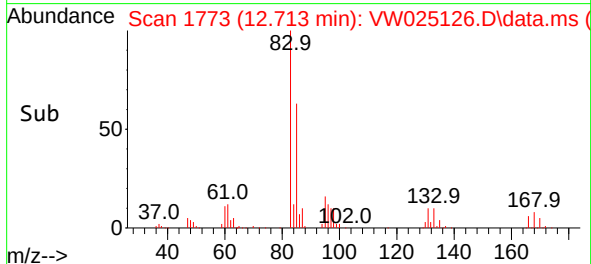
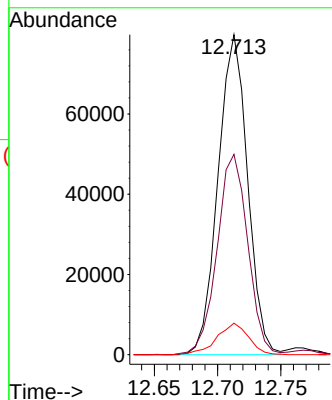
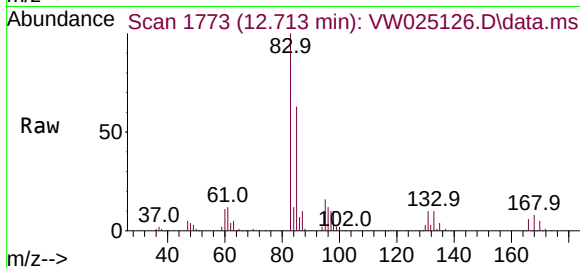
Tgt Ion: 83 Resp: 129433

Ion Ratio Lower Upper

83 100

85 62.6 46.8 87.0

131 9.8 8.2 12.2



#59

Bromoform

Concen: 26.100 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

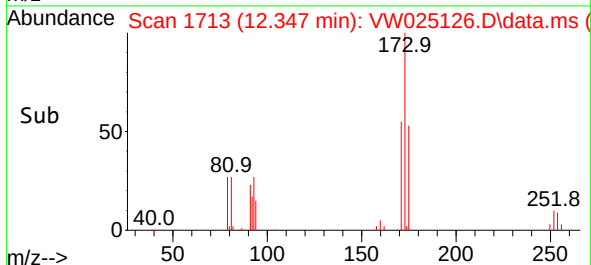
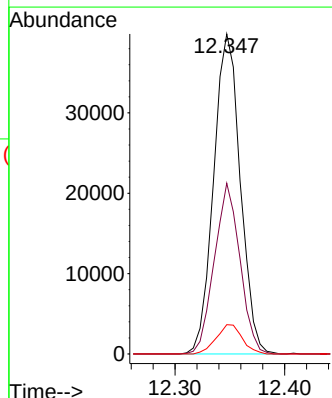
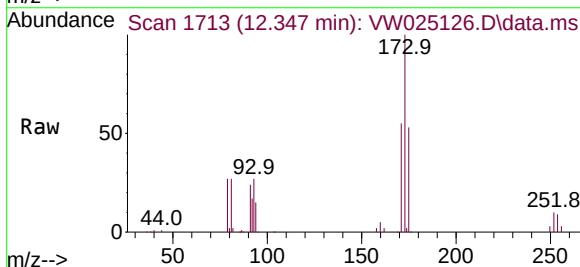
Tgt Ion:173 Resp: 67304

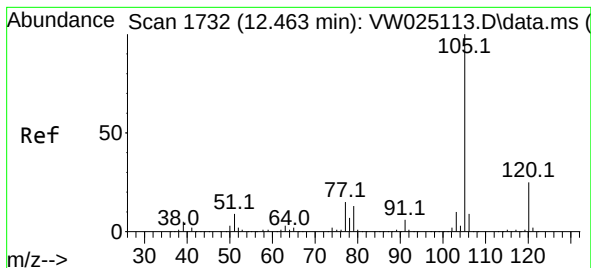
Ion Ratio Lower Upper

173 100

175 51.2 37.4 56.0

254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 26.279 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

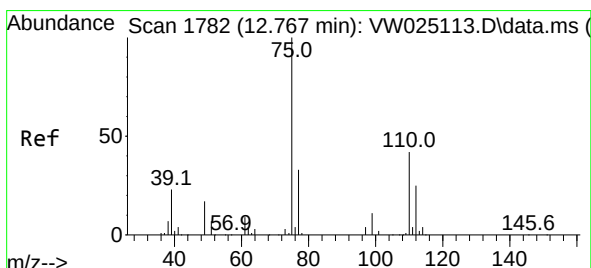
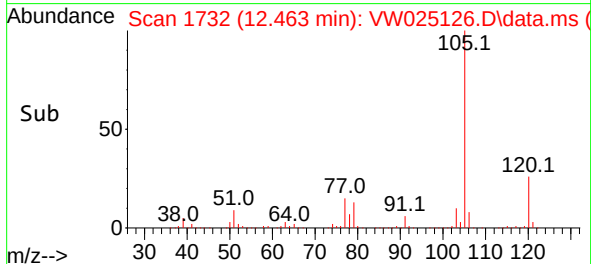
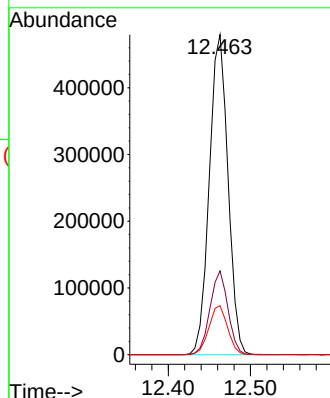
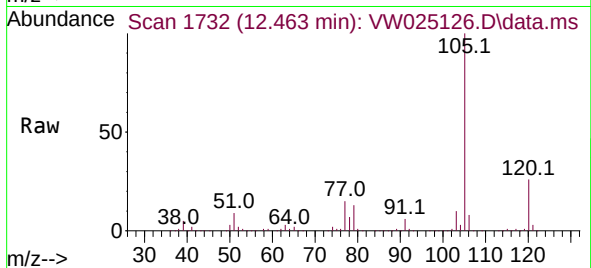
Tgt Ion:105 Resp: 756401

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 26.207 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

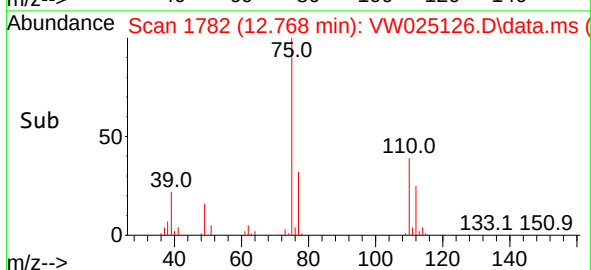
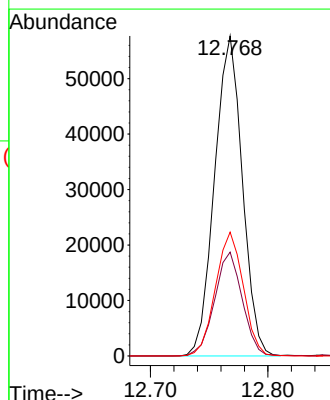
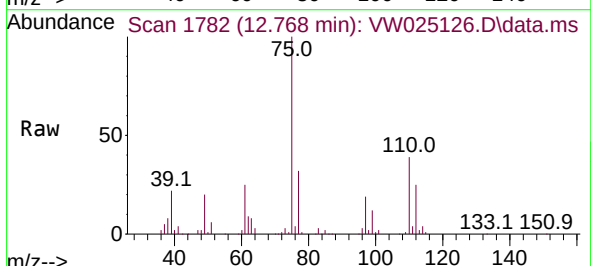
Tgt Ion: 75 Resp: 94590

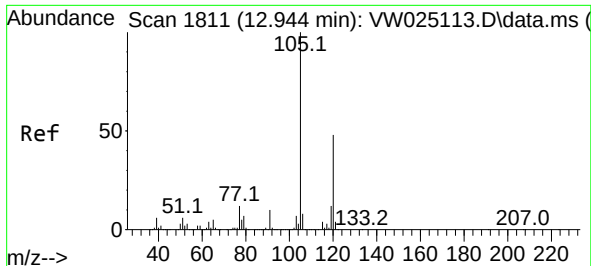
Ion Ratio Lower Upper

75 100

77 32.0 26.6 40.0

110 38.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.481 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

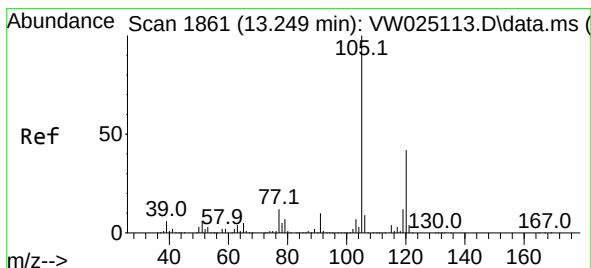
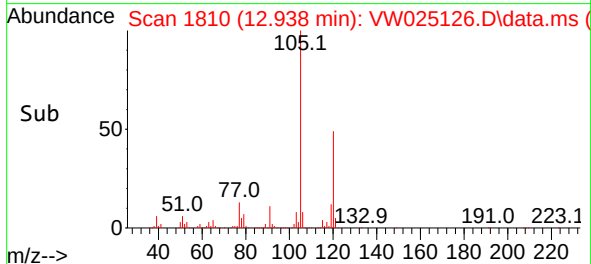
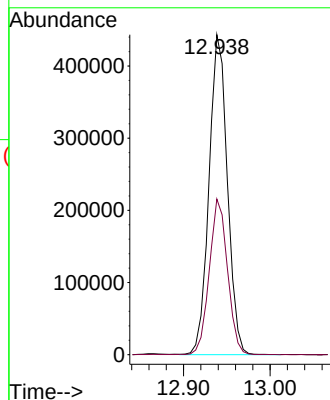
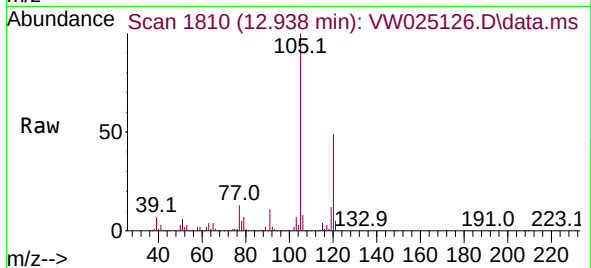
VICV478

Tgt Ion:105 Resp: 652908

Ion Ratio Lower Upper

105 100

120 48.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 26.820 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025126.D

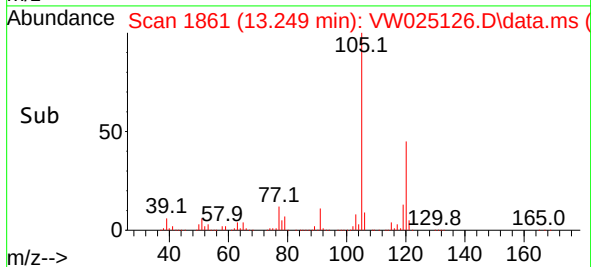
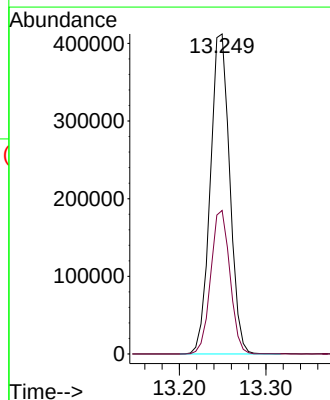
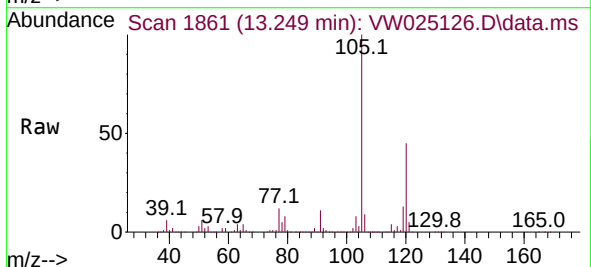
Acq: 08 Dec 2022 11:57

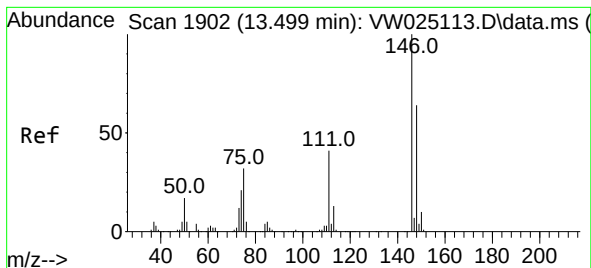
Tgt Ion:105 Resp: 642414

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 26.819 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

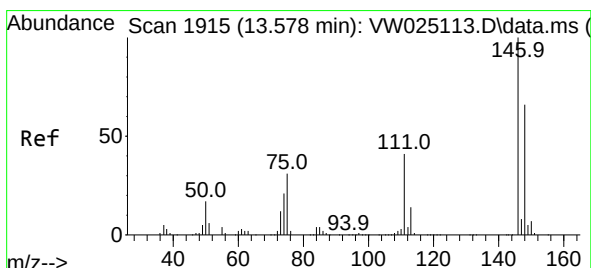
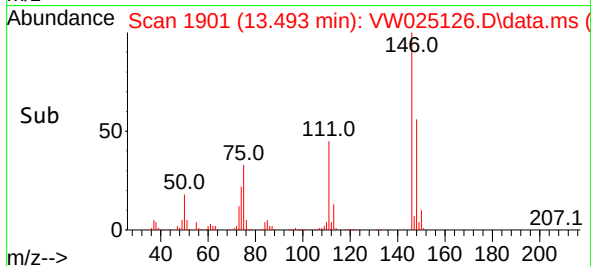
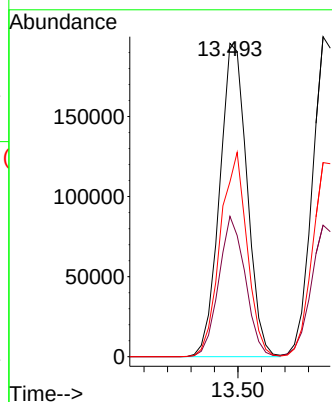
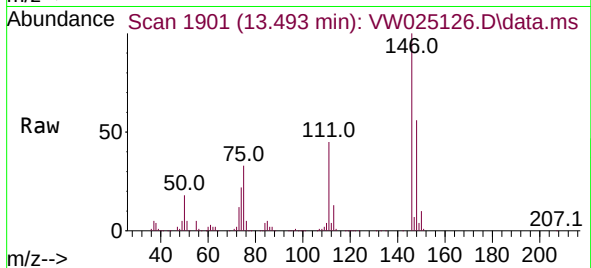
Tgt Ion:146 Resp: 316030

Ion Ratio Lower Upper

146 100

111 44.8 30.2 56.0

148 55.8 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 27.292 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

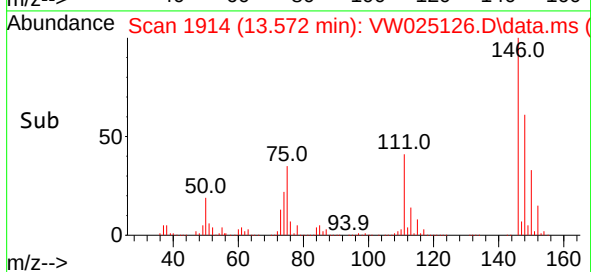
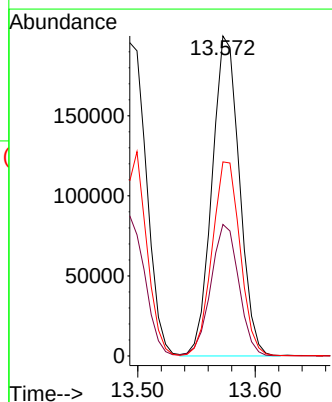
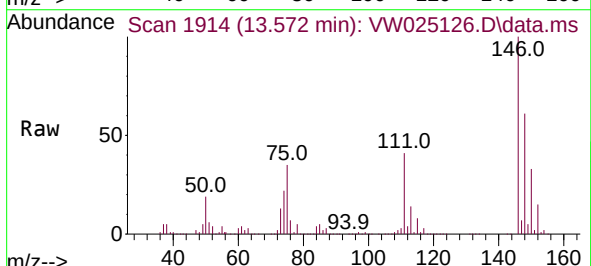
Tgt Ion:146 Resp: 323873

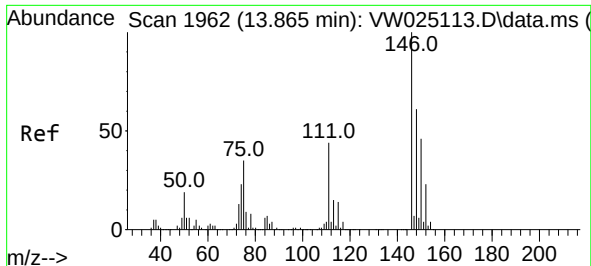
Ion Ratio Lower Upper

146 100

111 41.1 27.4 51.0

148 60.6 41.6 77.3

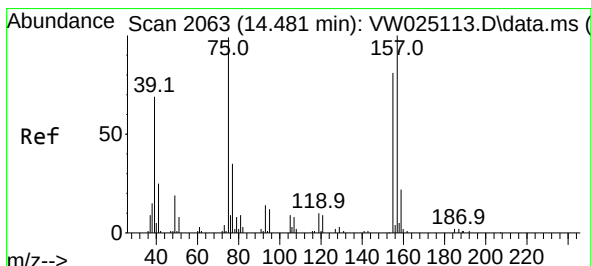
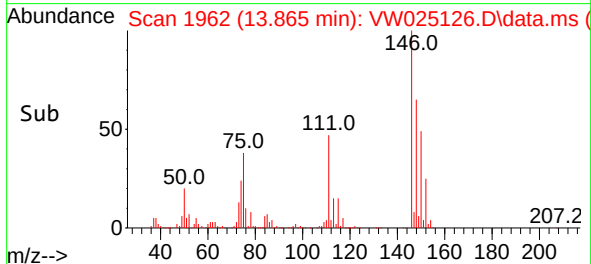
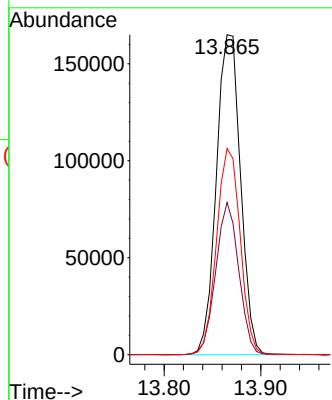
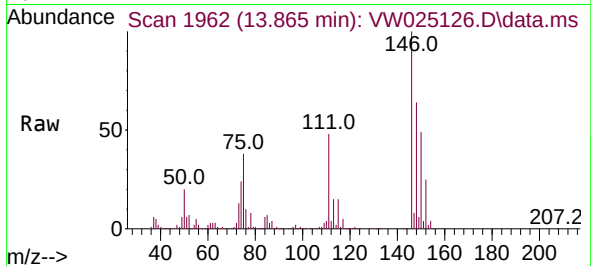




#67
1,2-Dichlorobenzene
Concen: 27.894 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

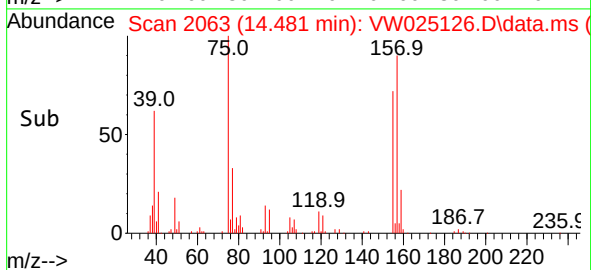
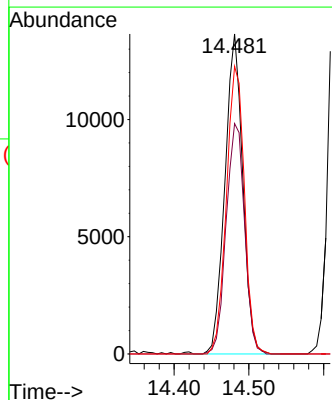
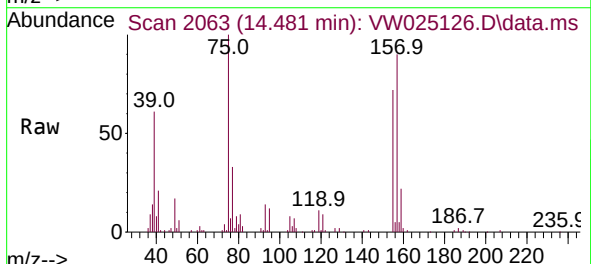
Instrument :
MSVOA_V
ClientSampleId :
VICV478

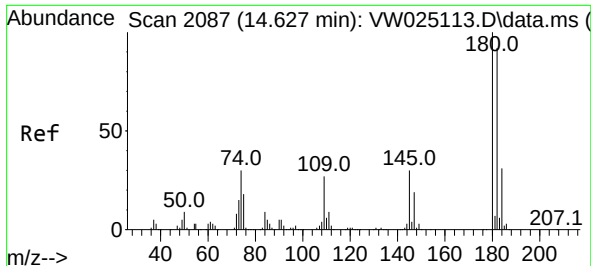
Tgt Ion:146 Resp: 286652
Ion Ratio Lower Upper
146 100
111 47.5 34.3 51.5
148 64.5 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.929 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion: 75 Resp: 22662
Ion Ratio Lower Upper
75 100
155 72.0 60.3 90.5
157 89.9 84.9 127.3

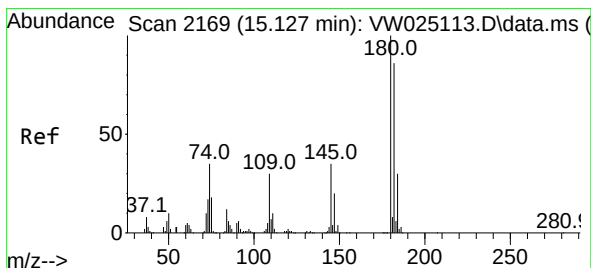
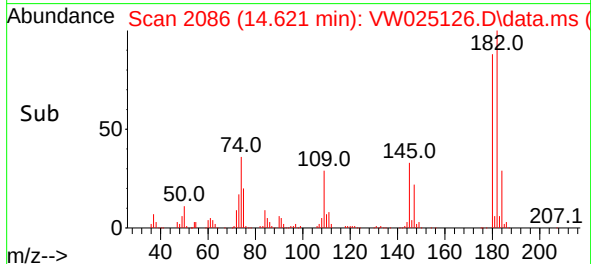
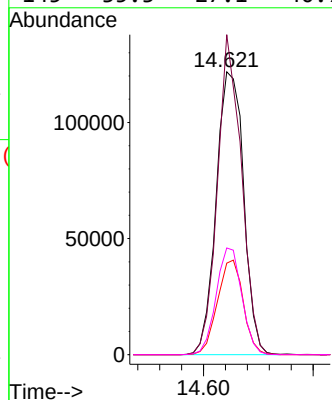
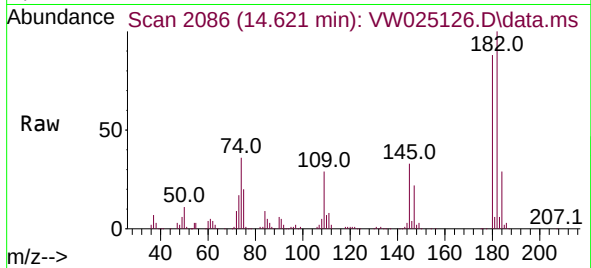




#69
1,3,5-Trichlorobenzene
Concen: 25.287 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

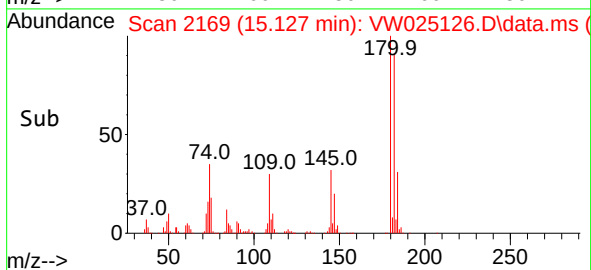
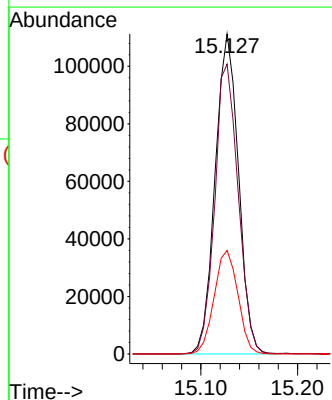
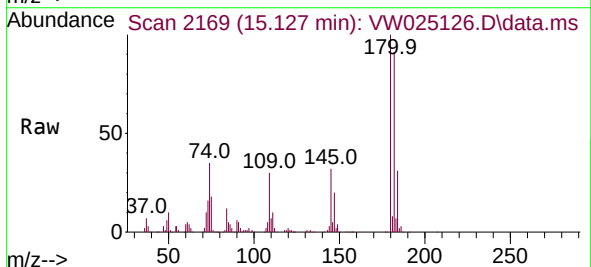
Instrument :
MSVOA_V
ClientSampleId :
VICV478

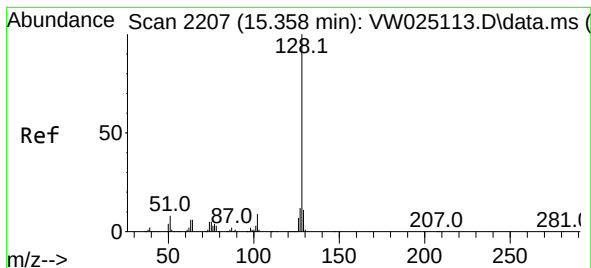
Tgt Ion:	180	Resp:	211582
Ion Ratio	Lower	Upper	
180	100		
182	99.0	77.8	116.6
184	31.5	24.3	36.5
145	35.3	27.1	40.7



#70
1,2,4-trichlorobenzene
Concen: 27.764 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025126.D
Acq: 08 Dec 2022 11:57

Tgt Ion:	180	Resp:	186396
Ion Ratio	Lower	Upper	
180	100		
182	90.8	77.2	115.8
145	32.9	26.9	40.3





#71

Naphthalene

Concen: 28.975 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

VICV478

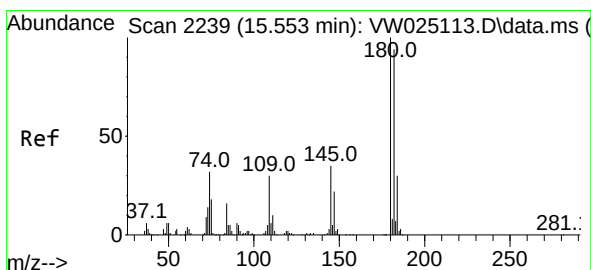
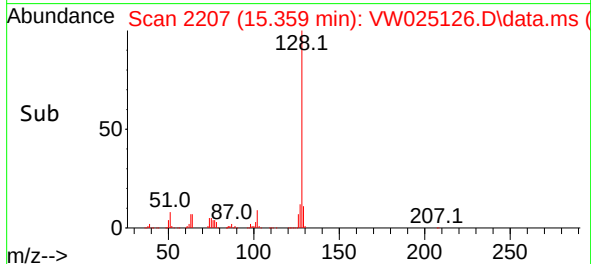
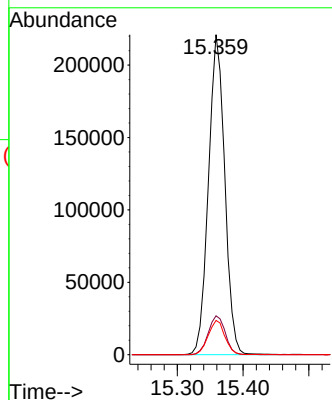
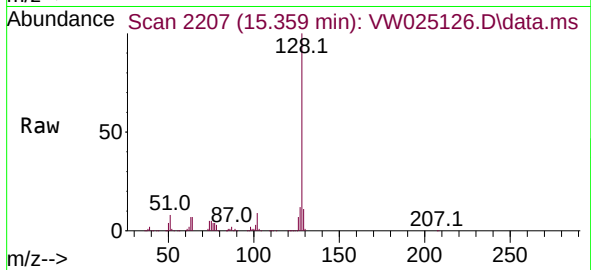
Tgt Ion:128 Resp: 381331

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.242 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW025126.D

Acq: 08 Dec 2022 11:57

Tgt Ion:180 Resp: 160276

Ion Ratio Lower Upper

180 100

182 97.5 76.4 114.6

145 36.4 29.6 44.4

