

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020547.D
 Acq On : 18 Oct 2021 08:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:39:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	191113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	181793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	98292	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	62310	22.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
7) Chloroethane-d5	2.879	69	36111	24.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.320%
11) 1,1-Dichloroethene-d2	4.019	63	129040	22.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.600%
21) 2-Butanone-d5	7.080	46	42025	49.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.320%
24) Chloroform-d	7.647	84	145336	23.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.305	65	81772	23.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.275	84	271346	22.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.275	67	87494	22.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	10.323	98	248332	23.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.560%
43) trans-1,3-Dichloroprop...	10.579	79	36303	22.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.927	63	30485	50.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	70593	23.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	83380	21.685	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	34247	27.731	ug/L	99
3) Chloromethane	2.215	50	61151	23.814	ug/L	97
5) Vinyl chloride	2.355	62	86188	23.864	ug/L	98
6) Bromomethane	2.776	94	36900	23.523	ug/L	94
8) Chloroethane	2.916	64	34116	25.581	ug/L	97
9) Trichlorofluoromethane	3.251	101	44231	21.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	74578	25.447	ug/L	99
12) 1,1-Dichloroethene	4.032	96	66038	24.576	ug/L #	86
13) Acetone	4.129	43	44979	57.888	ug/L	100
14) Carbon disulfide	4.385	76	201500	23.054	ug/L	99
15) Methyl Acetate	4.672	43	36087	25.009	ug/L	99
16) Methylene chloride	4.916	84	76155	20.498	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	68829	24.414	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	99945	25.163	ug/L	99
19) 1,1-Dichloroethane	6.214	63	144143	24.941	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74833	25.538	ug/L	99
22) 2-Butanone	7.171	43	52076	53.542	ug/L	98
23) Bromochloromethane	7.519	128	32599	25.365	ug/L	95
25) Chloroform	7.677	83	141181	25.128	ug/L	96

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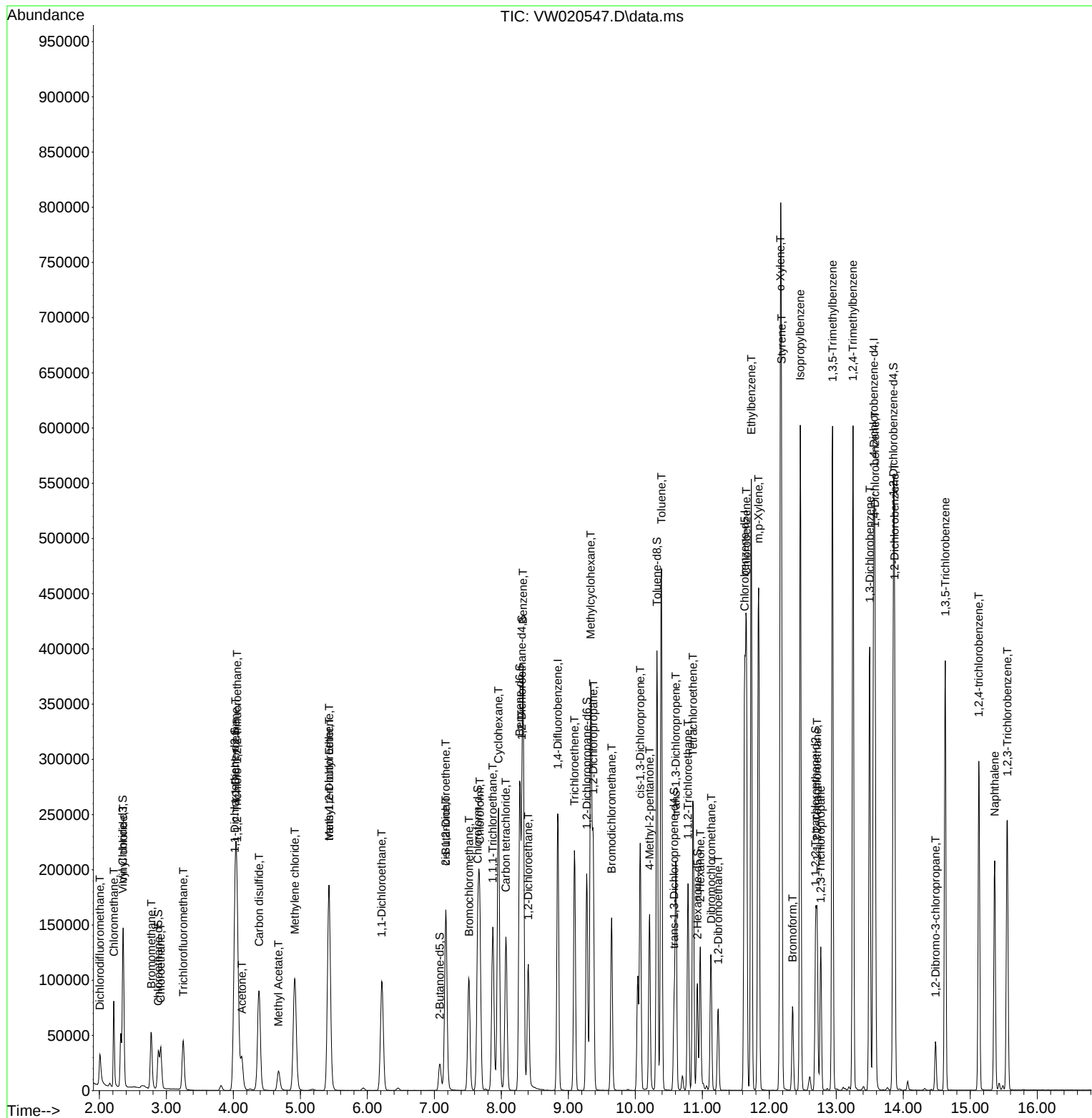
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	98741	25.695	ug/L	100
29) Cyclohexane	7.958	56	133437	25.071	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	113356	25.100	ug/L	99
31) Carbon tetrachloride	8.067	117	99620	25.089	ug/L	100
33) Benzene	8.324	78	317718	24.537	ug/L	100
34) Trichloroethene	9.092	95	76941	24.120	ug/L	98
35) Methylcyclohexane	9.336	83	135034	24.736	ug/L	99
37) 1,2-Dichloropropane	9.372	63	83458	24.889	ug/L	99
38) Bromodichloromethane	9.646	83	100248	24.935	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	117754	25.453	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	107610	53.468	ug/L	99
42) Toluene	10.390	91	328818	25.317	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	106854	26.200	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	53917	25.043	ug/L	99
46) Tetrachloroethene	10.860	164	57337	25.024	ug/L	96
48) 2-Hexanone	10.969	43	83291	56.407	ug/L	100
49) Dibromochloromethane	11.134	129	60765	25.619	ug/L	97
50) 1,2-Dibromoethane	11.238	107	49617	25.090	ug/L	98
51) Chlorobenzene	11.658	112	196601	24.548	ug/L	98
52) Ethylbenzene	11.731	91	365493	25.951	ug/L	99
53) m,p-Xylene	11.841	106	135402	25.947	ug/L	97
54) o-Xylene	12.164	106	128908	26.749	ug/L	95
55) Styrene	12.183	104	223968	26.580	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	68422	25.636	ug/L	98
59) Bromoform	12.347	173	33023	23.982	ug/L	99
60) Isopropylbenzene	12.463	105	353927	24.533	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	51683	23.867	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	300549	25.516	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	302641	25.939	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	147764	23.672	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	158108	24.488	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	138807	24.272	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	11435	24.861	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	110565	24.840	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	88363	25.071	ug/L	99
71) Naphthalene	15.365	128	165003	26.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	77151	24.923	ug/L	96

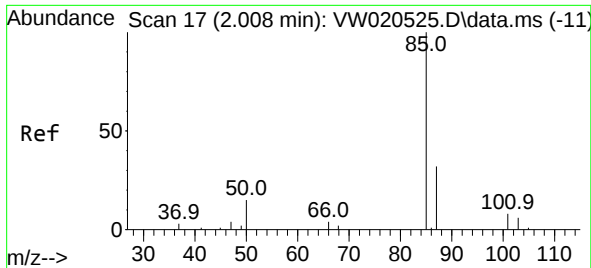
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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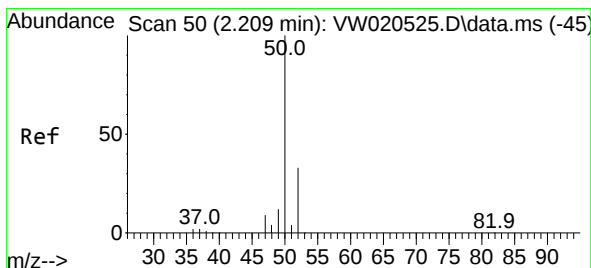
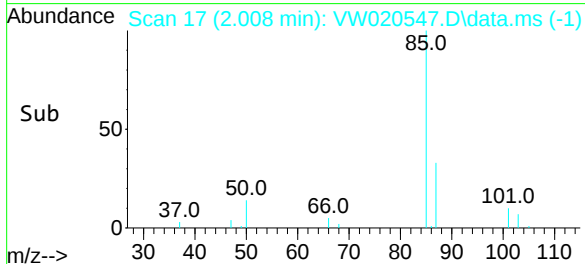
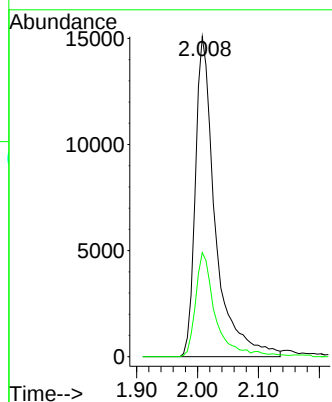
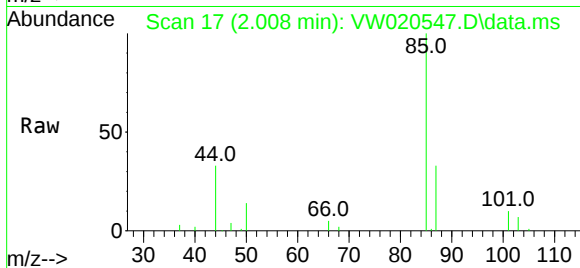




#2
 Dichlorodifluoromethane
 Concen: 27.731 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

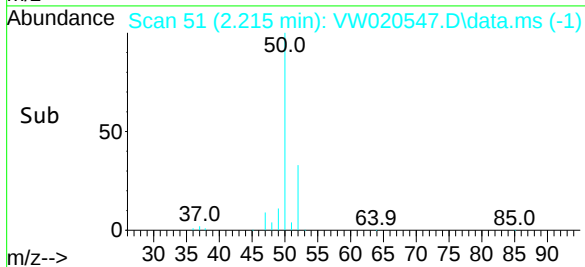
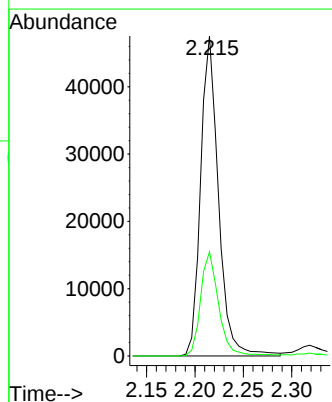
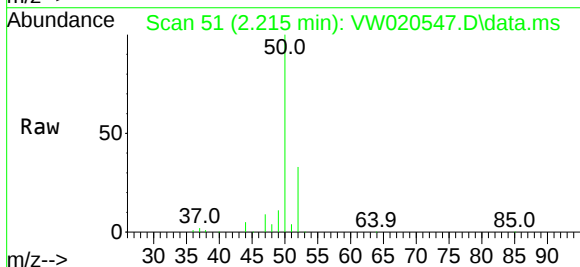
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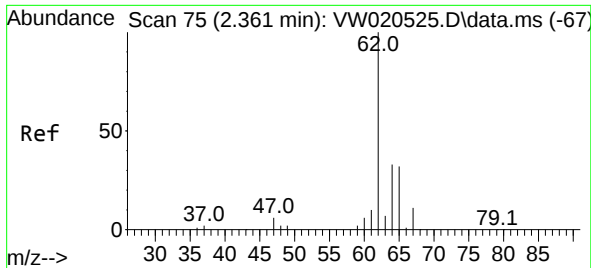
Tgt Ion: 85 Resp: 34247
 Ion Ratio Lower Upper
 85 100
 87 30.5 24.9 37.3



#3
 Chloromethane
 Concen: 23.814 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Tgt Ion: 50 Resp: 61151
 Ion Ratio Lower Upper
 50 100
 52 32.6 21.5 39.9

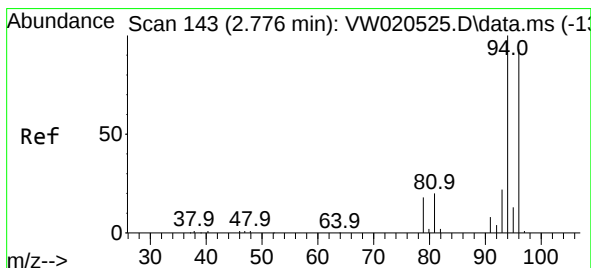
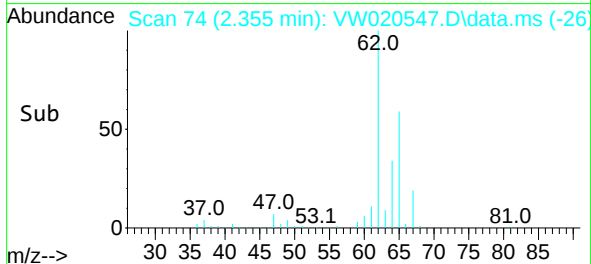
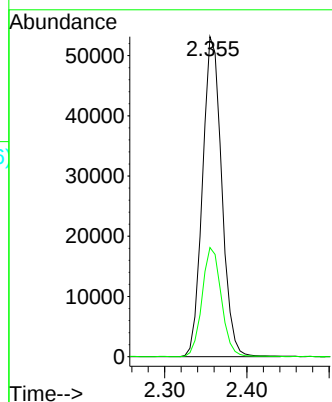
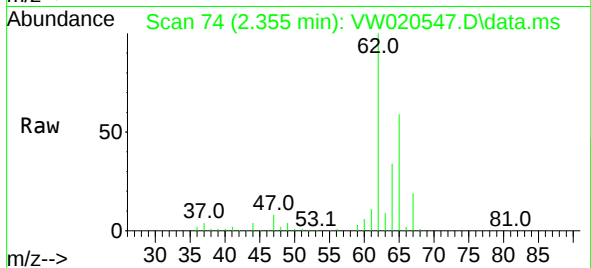




#5
 Vinyl chloride
 Concen: 23.864 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

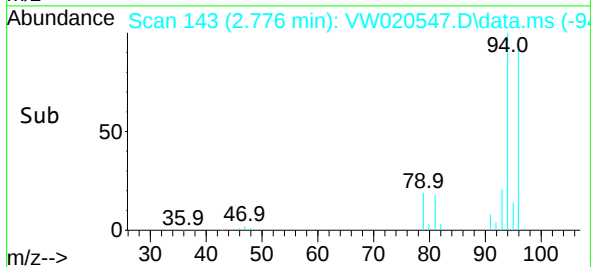
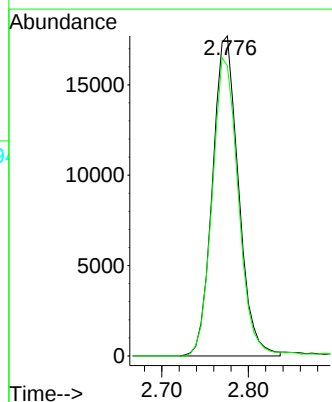
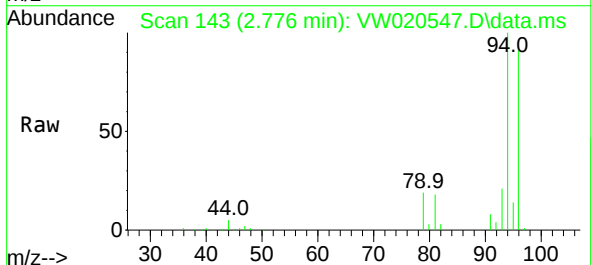
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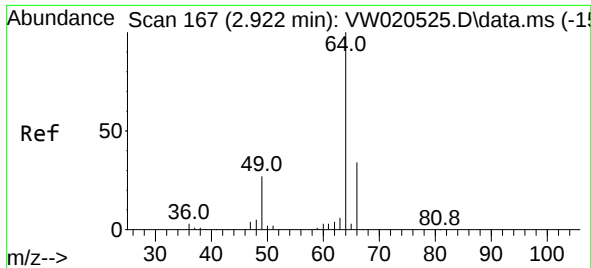
Tgt Ion: 62 Resp: 86188
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.6 45.6



#6
 Bromomethane
 Concen: 23.523 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Tgt Ion: 94 Resp: 36900
 Ion Ratio Lower Upper
 94 100
 96 90.6 67.8 126.0

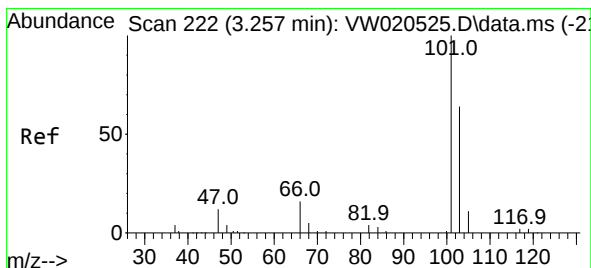
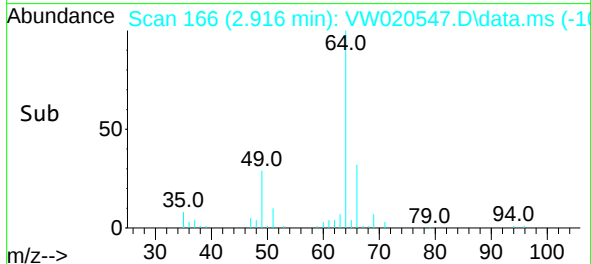
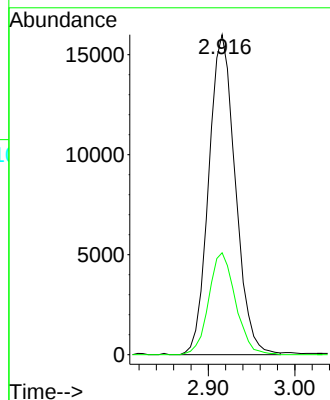
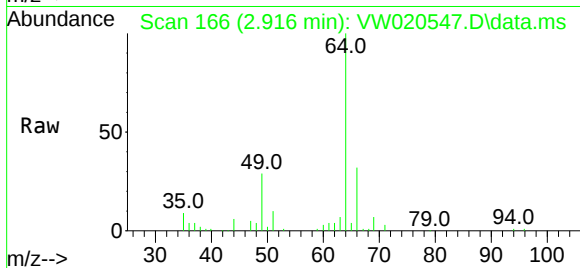




#8
Chloroethane
Concen: 25.581 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

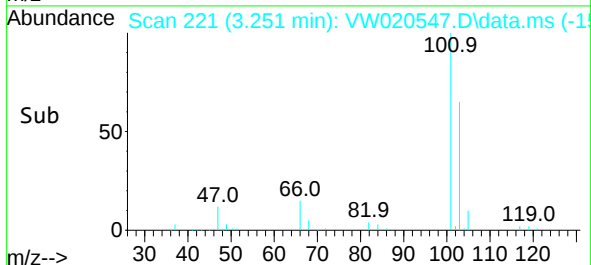
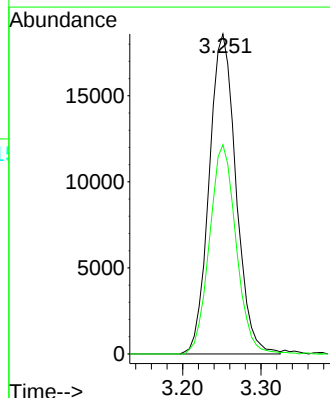
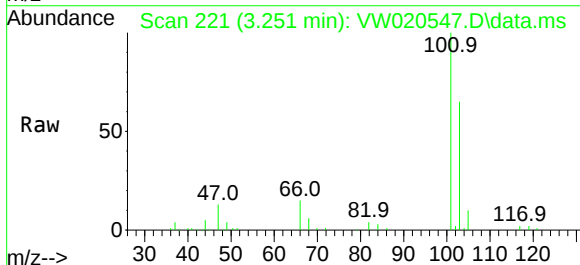
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MSVOA_W
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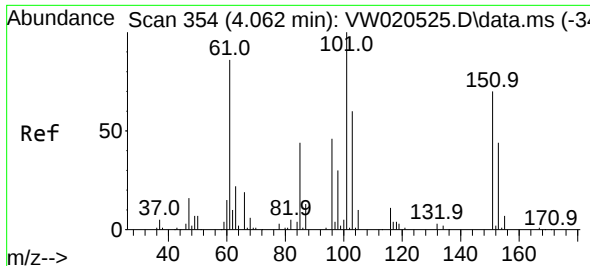
Tgt Ion: 64 Resp: 34116
Ion Ratio Lower Upper
64 100
66 31.8 21.2 39.4



#9
Trichlorofluoromethane
Concen: 21.524 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion:101 Resp: 44231
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

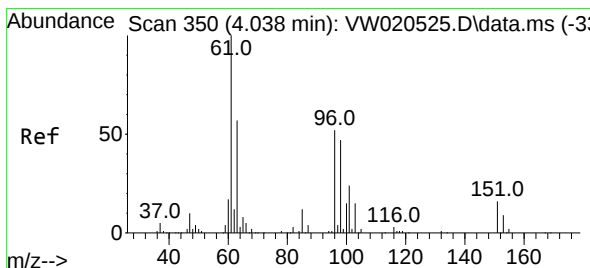
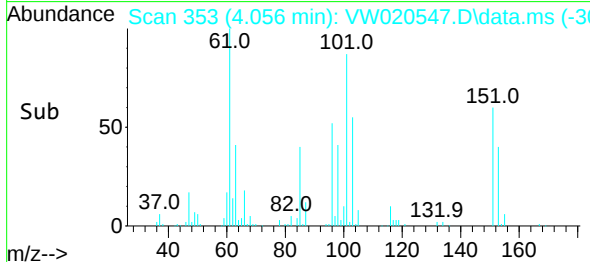
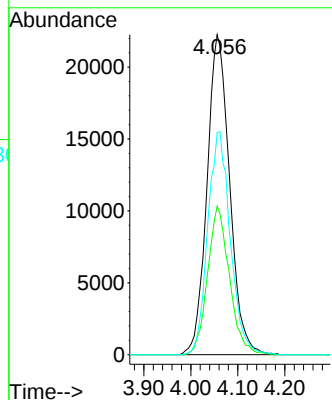
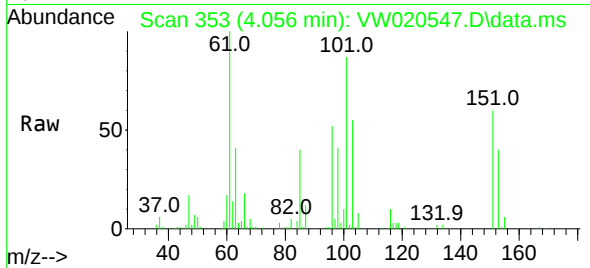




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.447 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

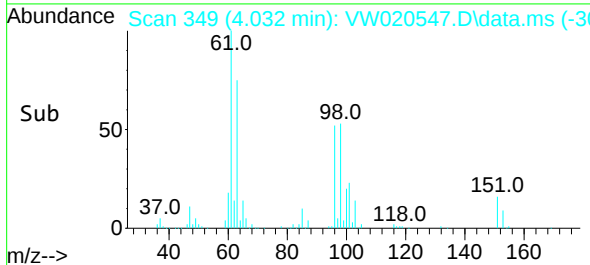
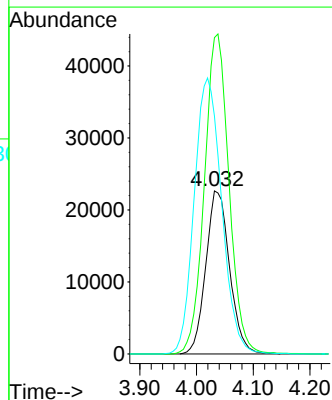
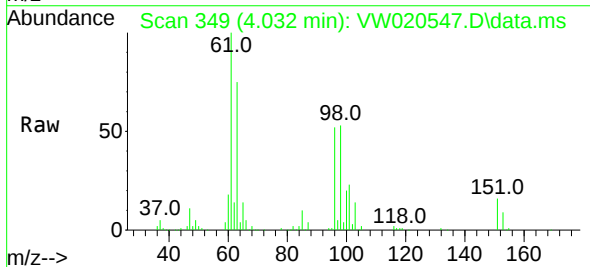
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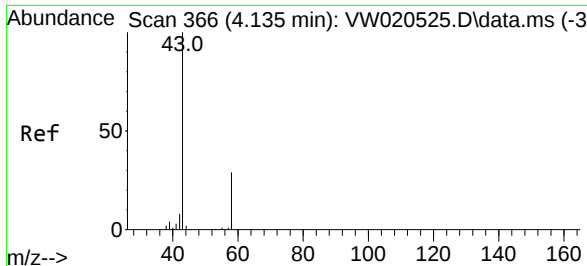
Tgt Ion:101 Resp: 74578
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.3 54.5
 151 69.5 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 24.576 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Tgt Ion: 96 Resp: 66038
 Ion Ratio Lower Upper
 96 100
 61 194.1 133.9 248.7
 63 146.0 77.3 143.7#

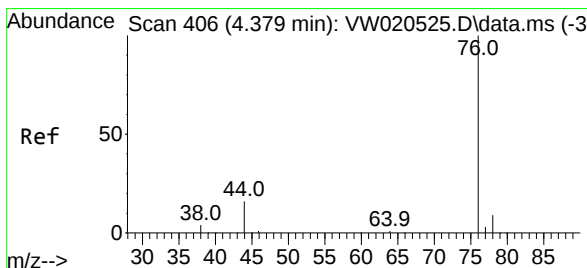
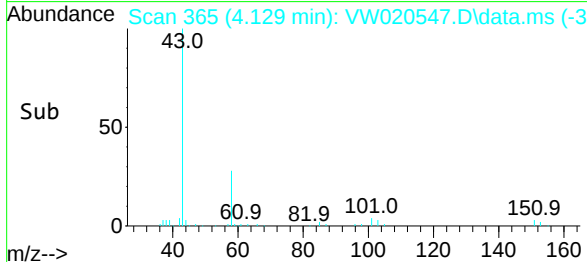
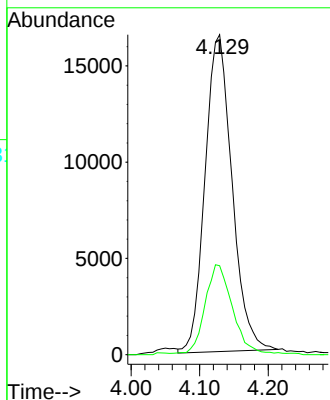
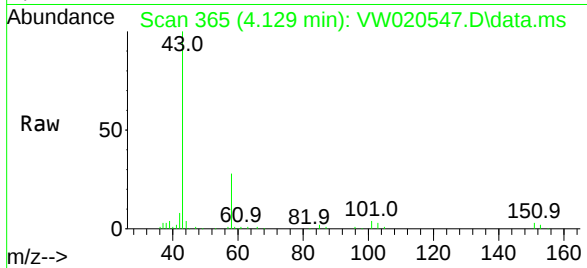




#13
Acetone
Concen: 57.888 ug/L
RT: 4.129 min Scan# 307
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

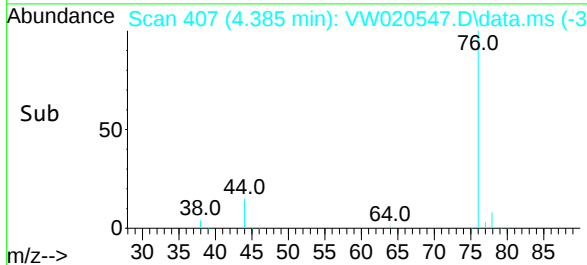
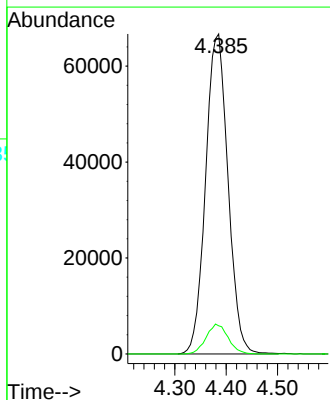
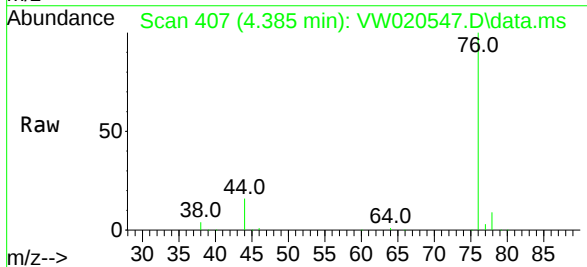
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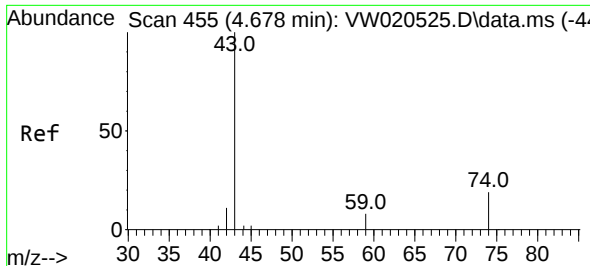
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.4



#14
Carbon disulfide
Concen: 23.054 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 201500
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

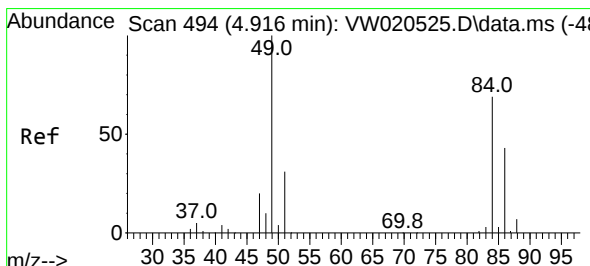
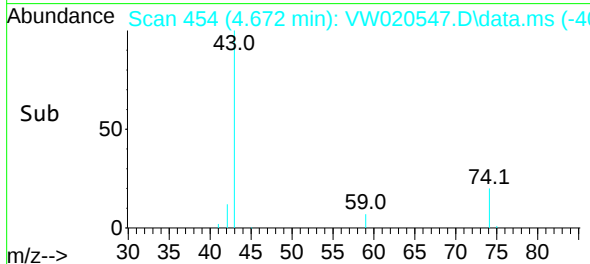
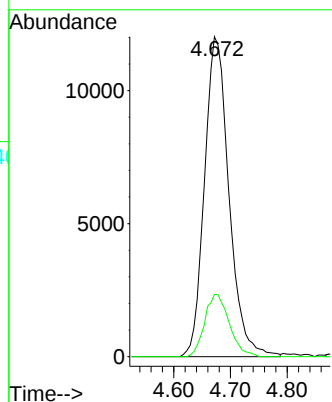
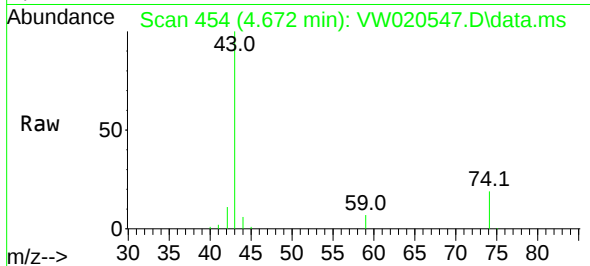




#15
Methyl Acetate
Concen: 25.009 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

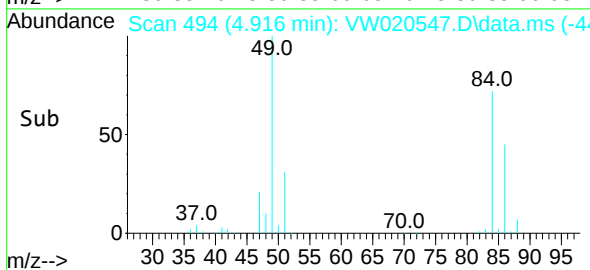
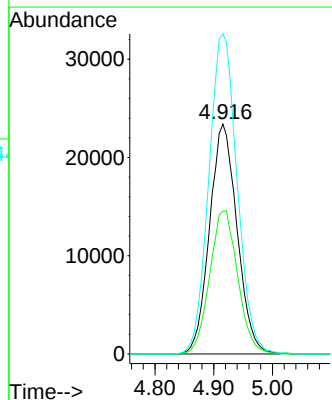
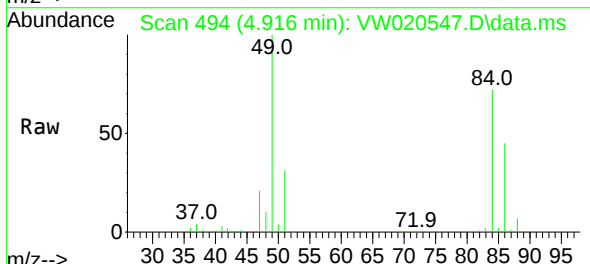
Instrument :
MSVOA_W
ClientSampleId :

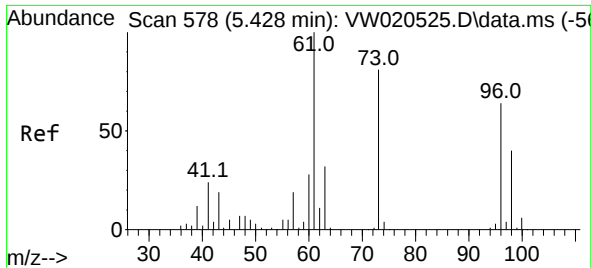
Tgt Ion: 43 Resp: 36087
Ion Ratio Lower Upper
43 100
74 19.5 16.1 24.1



#16
Methylene chloride
Concen: 20.498 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

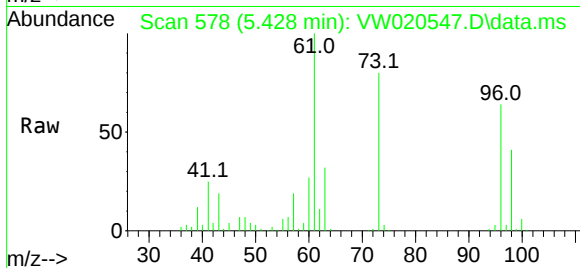
Tgt Ion: 84 Resp: 76155
Ion Ratio Lower Upper
84 100
86 62.2 44.7 83.1
49 139.3 101.7 188.9





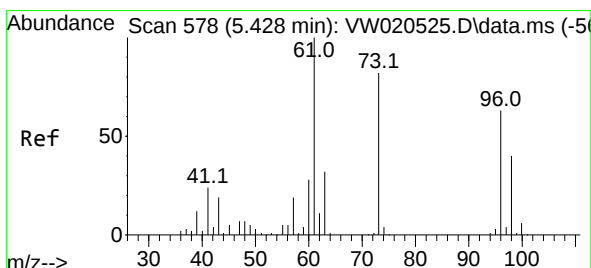
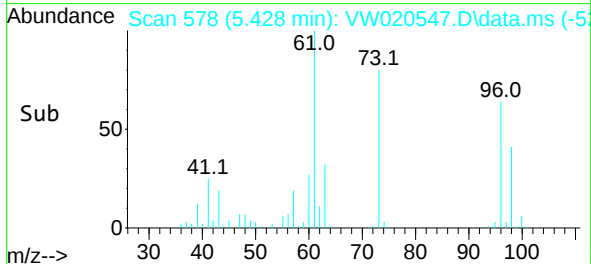
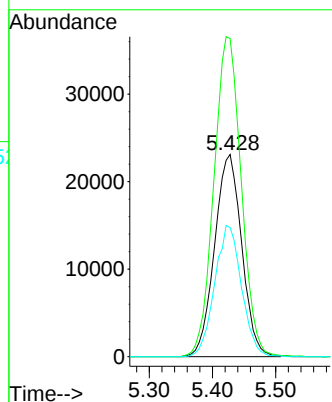
#17
trans-1,2-Dichloroethene
Concen: 24.414 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 68829

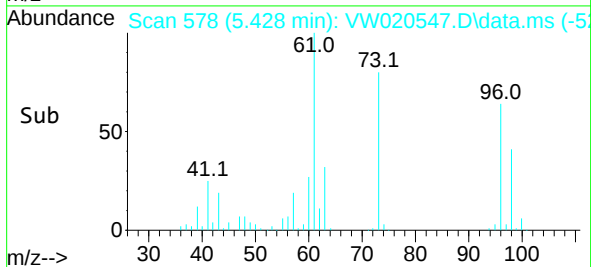
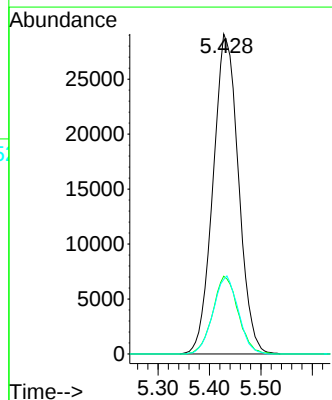
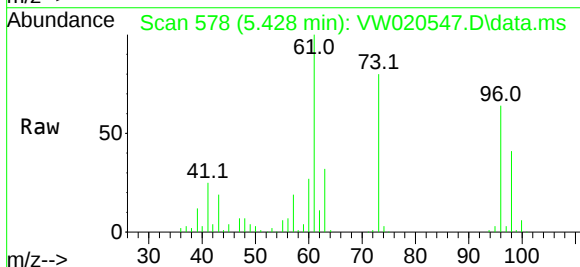
Ion	Ratio	Lower	Upper
96	100		
61	157.4	110.7	205.5
98	63.8	43.9	81.5

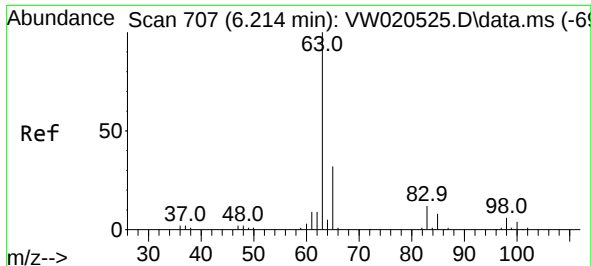


#18
Methyl tert-butyl Ether
Concen: 25.163 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 73 Resp: 99945

Ion	Ratio	Lower	Upper
73	100		
43	24.3	18.9	28.3
57	24.0	18.9	28.3





#19

1,1-Dichloroethane

Concen: 24.941 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

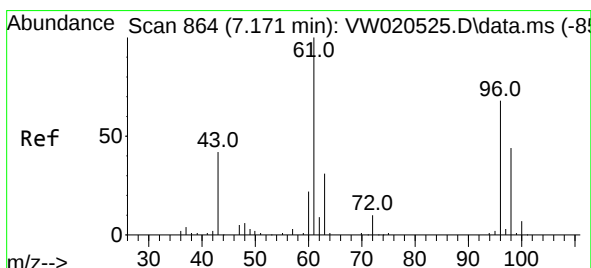
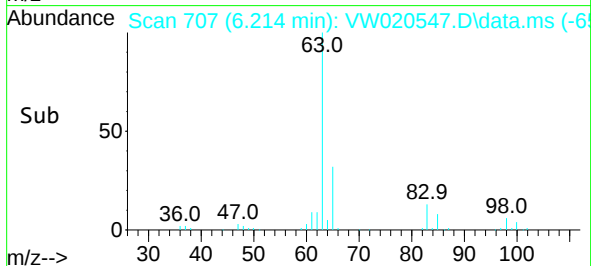
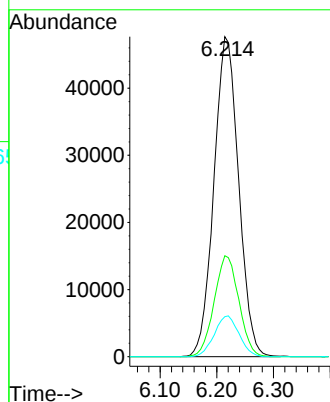
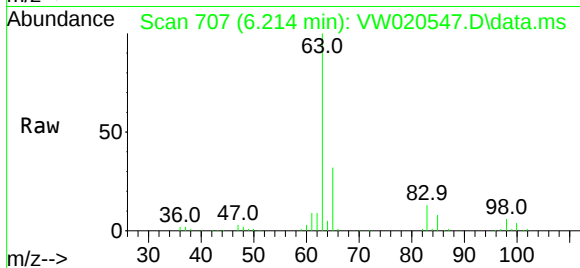
Tgt Ion: 63 Resp: 144143

Ion Ratio Lower Upper

63 100

65 31.5 21.9 40.7

83 12.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.538 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

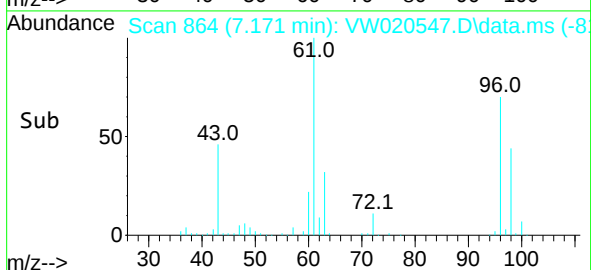
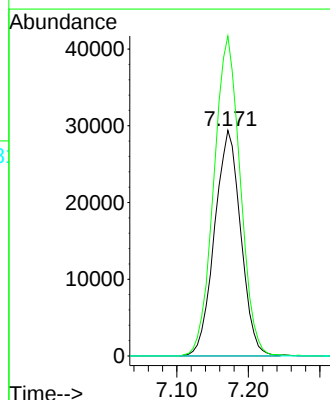
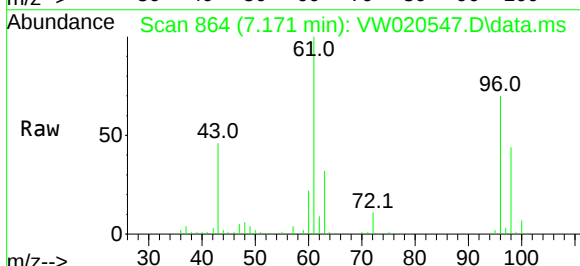
Tgt Ion: 96 Resp: 74833

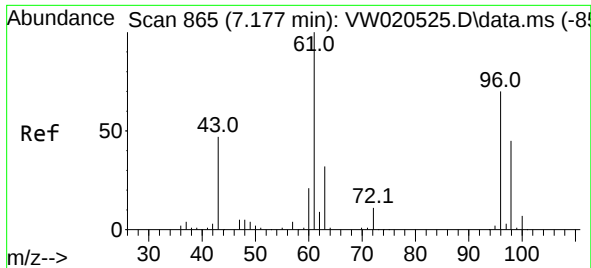
Ion Ratio Lower Upper

96 100

61 141.9 100.3 186.3

68 0.0 0.0 0.0

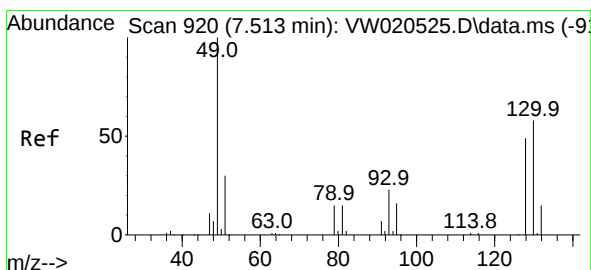
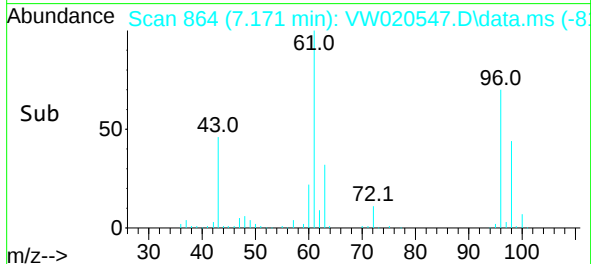
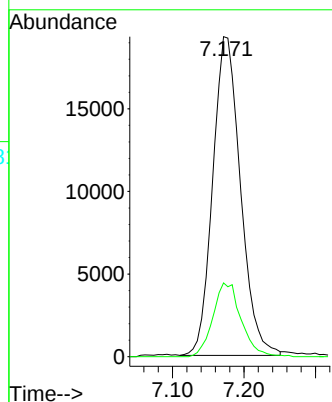
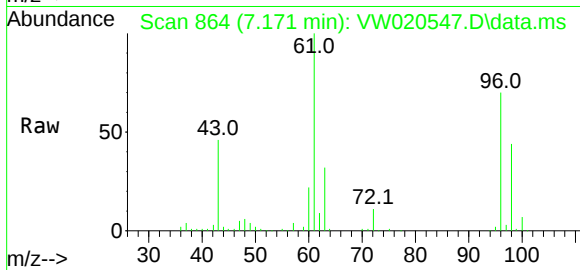




#22
2-Butanone
Concen: 53.542 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

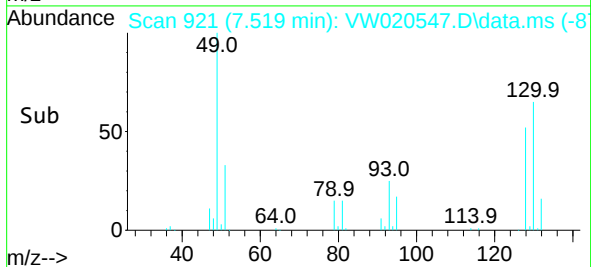
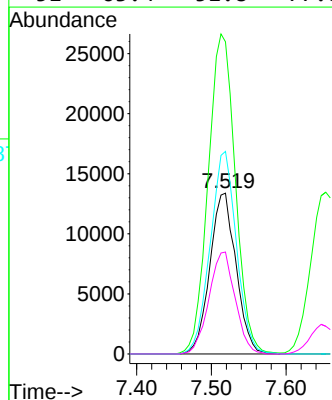
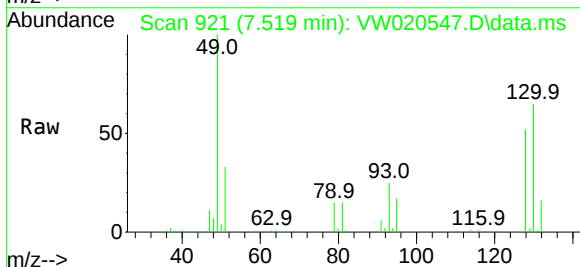
Instrument :
MSVOA_W
ClientSampleId :

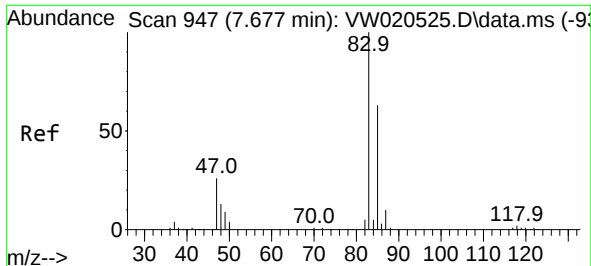
Tgt Ion: 43 Resp: 52076
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.6



#23
Bromochloromethane
Concen: 25.365 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 128 Resp: 32599
Ion Ratio Lower Upper
128 100
49 194.1 144.1 267.7
130 126.0 89.2 165.6
51 63.4 51.8 77.8

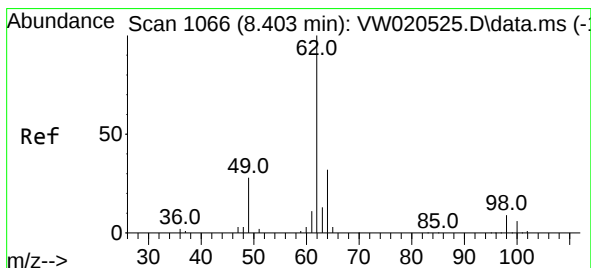
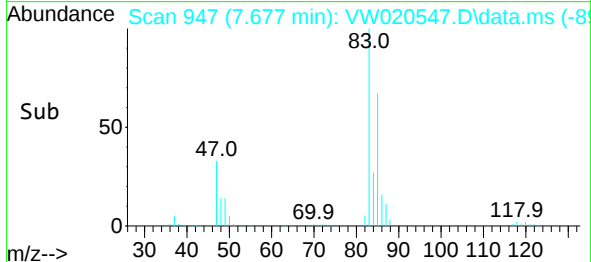
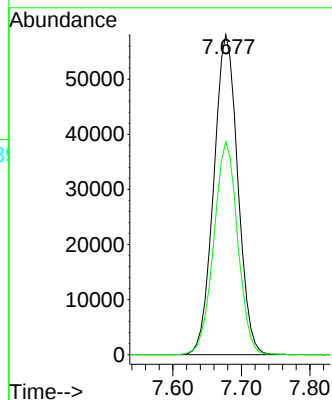
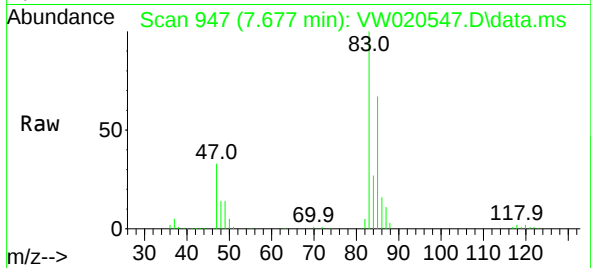




#25
Chloroform
Concen: 25.128 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

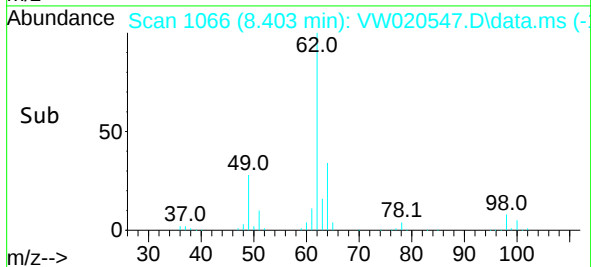
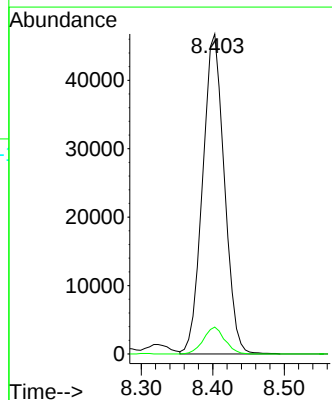
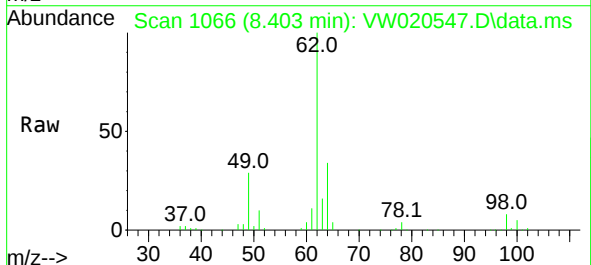
Instrument :
MSVOA_W
ClientSampleId :

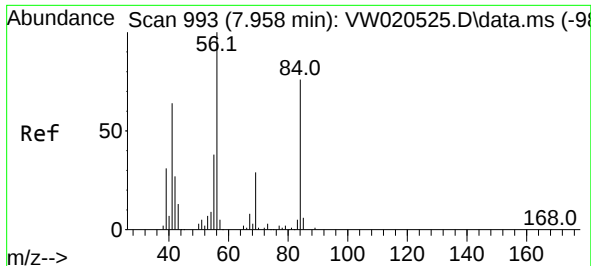
Tgt Ion: 83 Resp: 141181
Ion Ratio Lower Upper
83 100
85 66.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.695 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

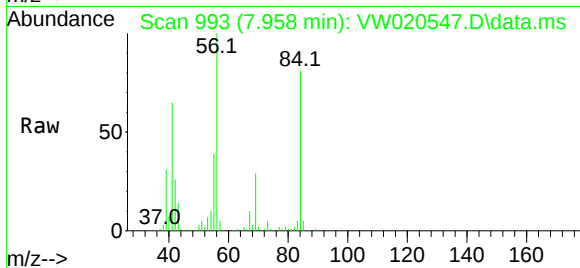
Tgt Ion: 62 Resp: 98741
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0



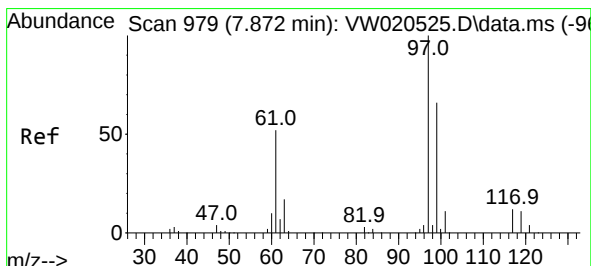
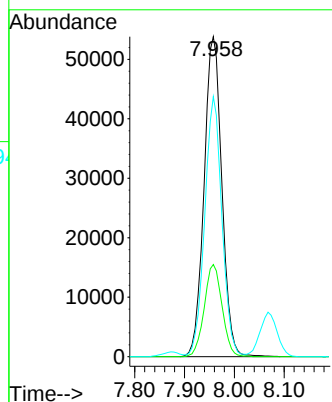
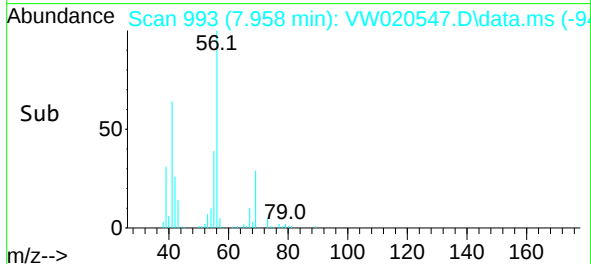


#29
Cyclohexane
Concen: 25.071 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Instrument :
MSVOA_W
ClientSampleId :

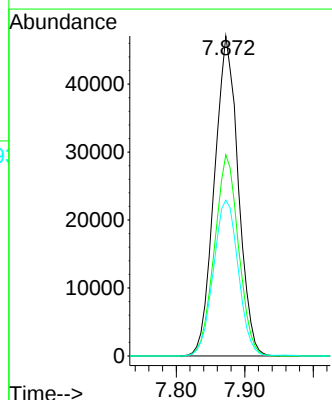
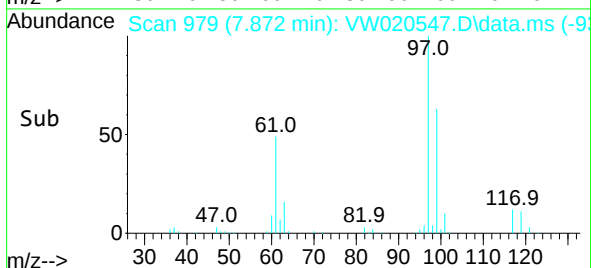
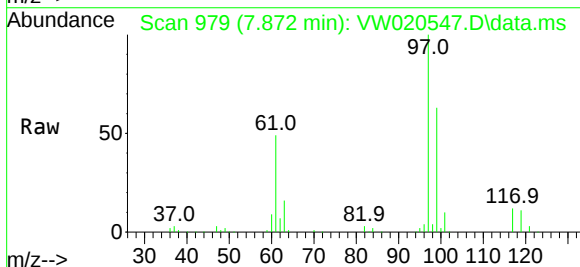


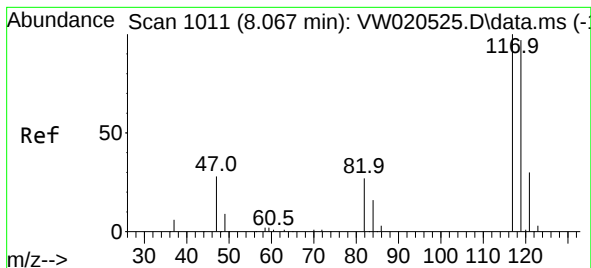
Tgt Ion: 56 Resp: 133437
Ion Ratio Lower Upper
56 100
69 28.8 23.2 34.8
84 78.6 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 25.100 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 97 Resp: 113356
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 51.0 41.0 61.6





#31

Carbon tetrachloride

Concen: 25.089 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

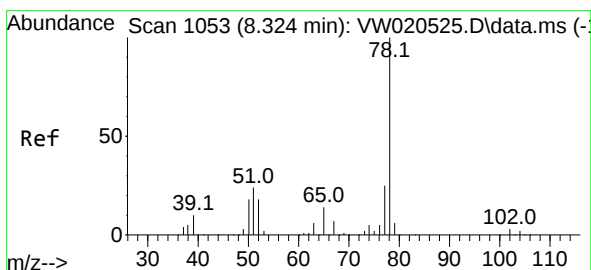
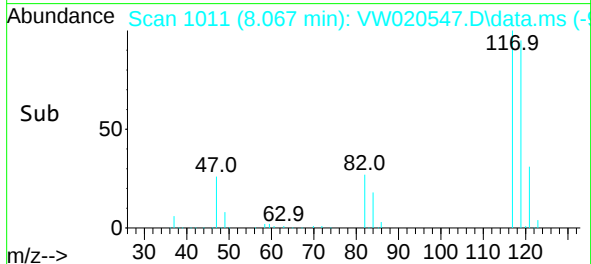
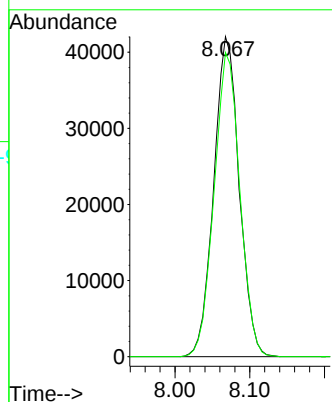
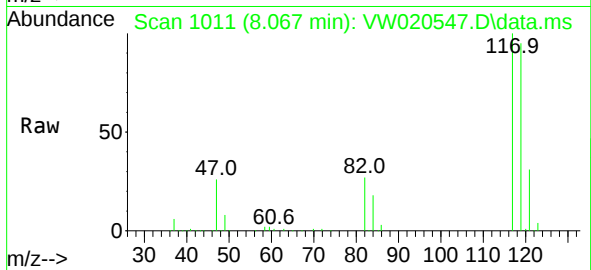
ClientSampleId :

Tgt Ion:117 Resp: 99620

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4



#33

Benzene

Concen: 24.537 ug/L

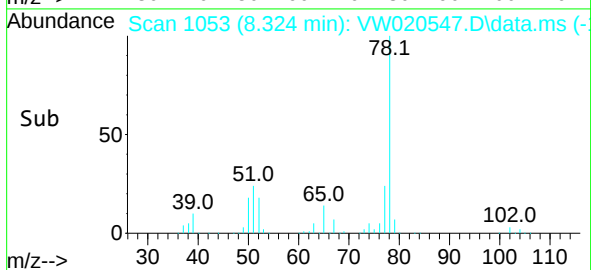
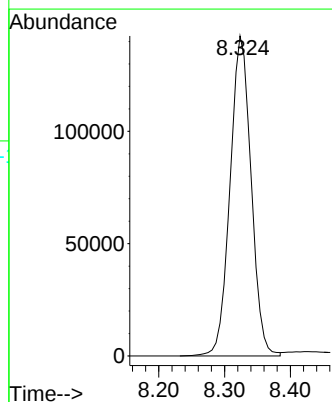
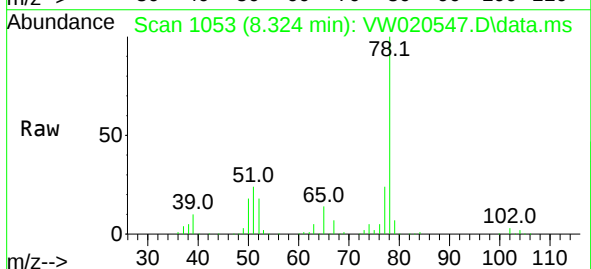
RT: 8.324 min Scan# 1053

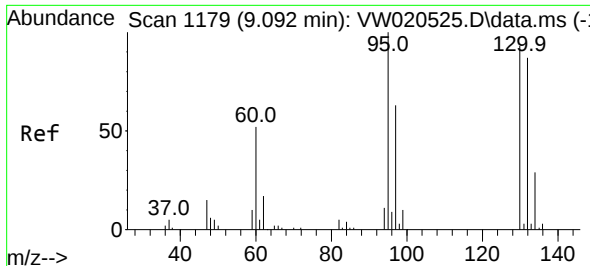
Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

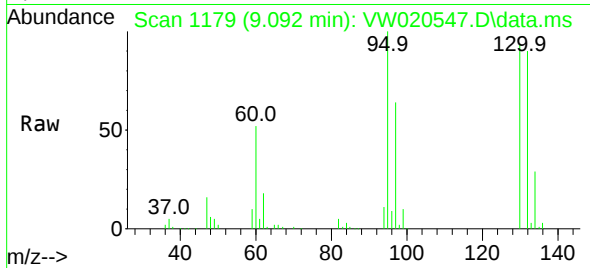
Tgt Ion: 78 Resp: 317718





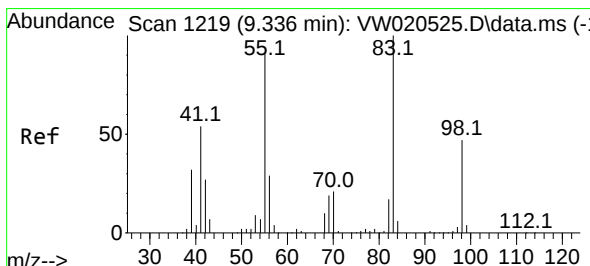
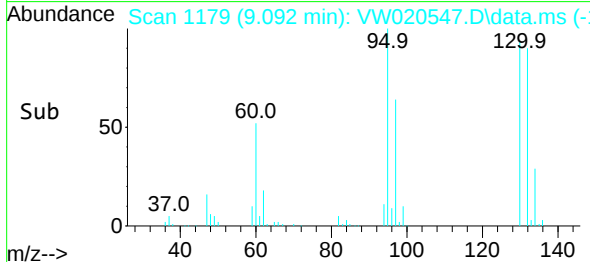
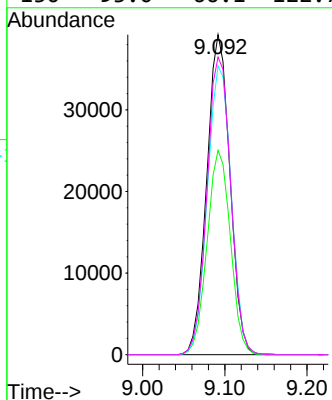
#34
Trichloroethene
Concen: 24.120 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 76941

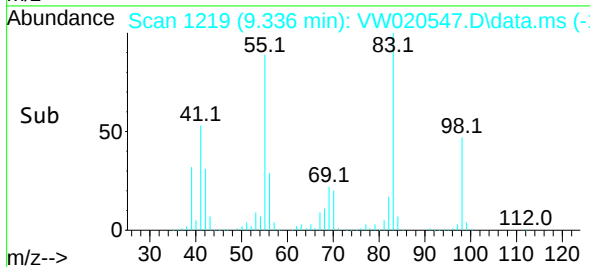
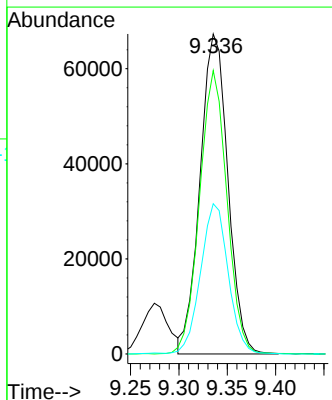
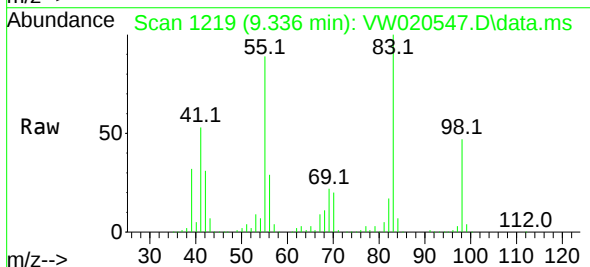
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.2	80.2
132	90.2	62.3	115.7
130	93.0	66.1	122.7

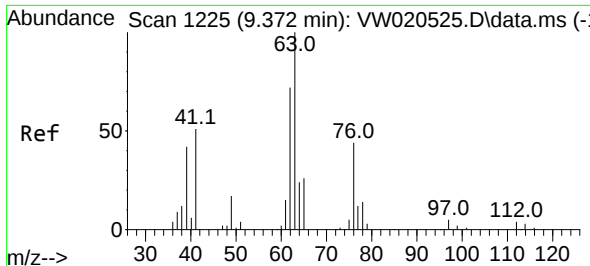


#35
Methylcyclohexane
Concen: 24.736 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 83 Resp: 135034

Ion	Ratio	Lower	Upper
83	100		
55	87.0	69.7	104.5
98	46.5	38.2	57.2





#37

1,2-Dichloropropane

Concen: 24.889 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

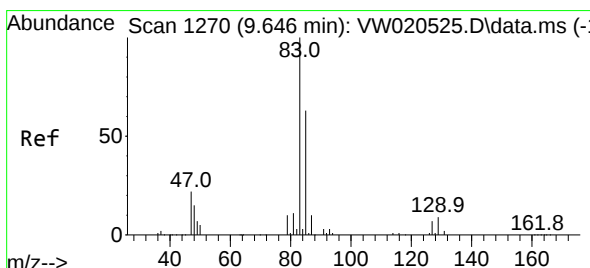
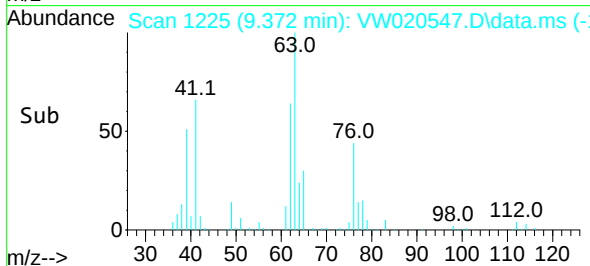
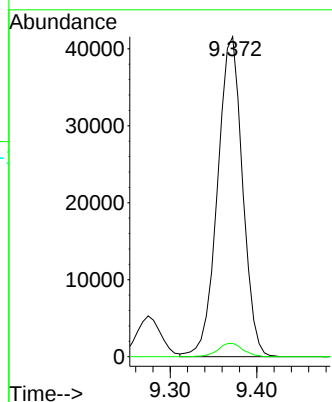
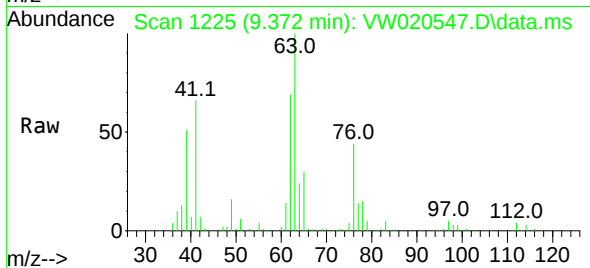
ClientSampleId :

Tgt Ion: 63 Resp: 83458

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 24.935 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

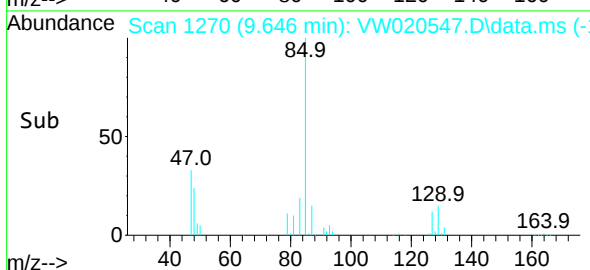
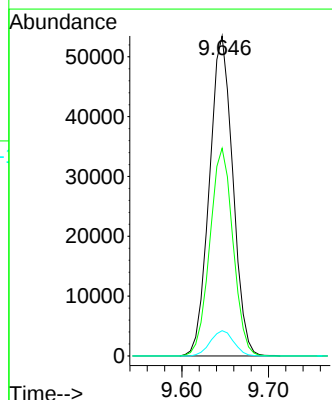
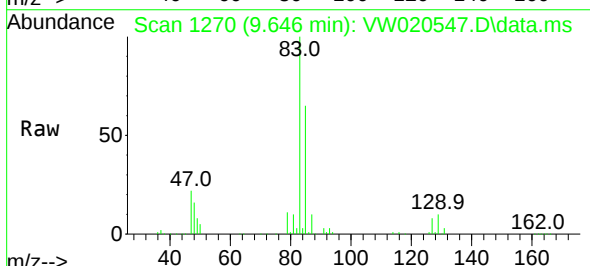
Tgt Ion: 83 Resp: 100248

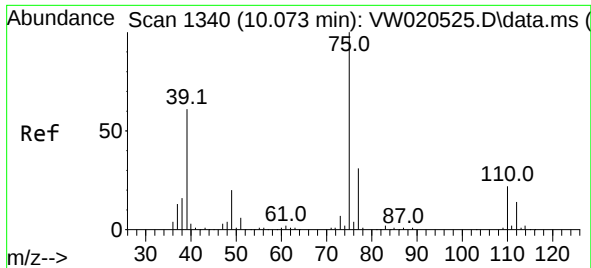
Ion Ratio Lower Upper

83 100

85 64.9 43.4 80.6

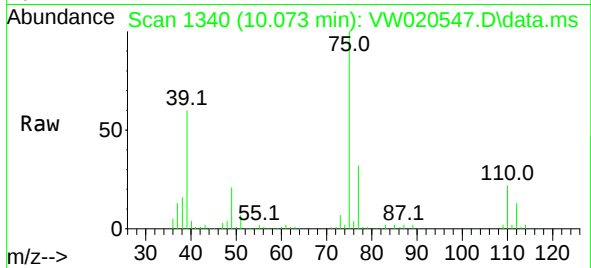
127 7.9 6.2 9.2



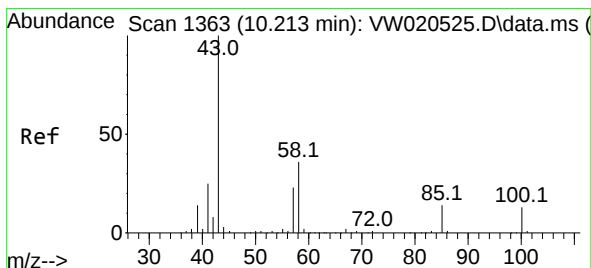
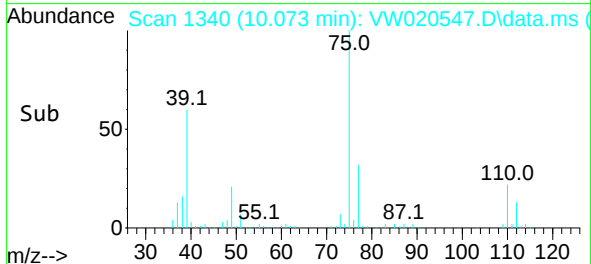
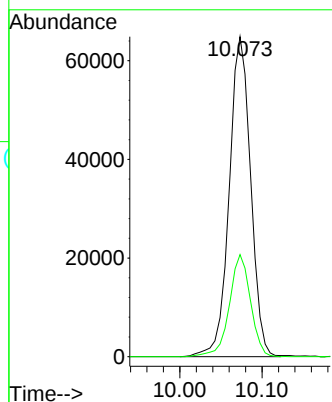


#39
 cis-1,3-Dichloropropene
 Concen: 25.453 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Instrument :
 MSVOA_W
 ClientSampleId :

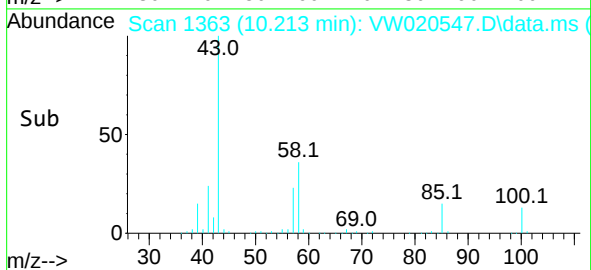
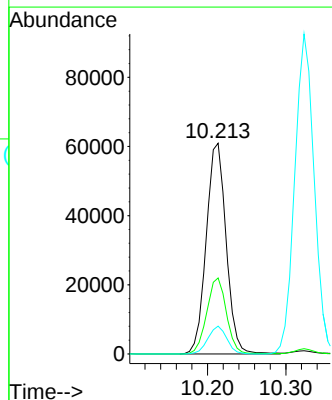
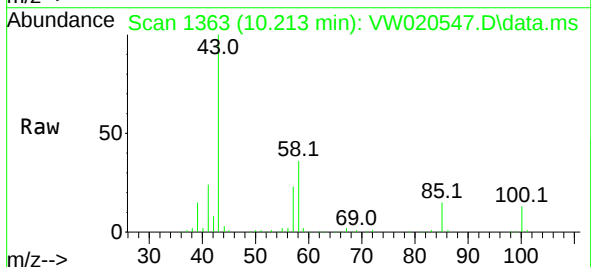


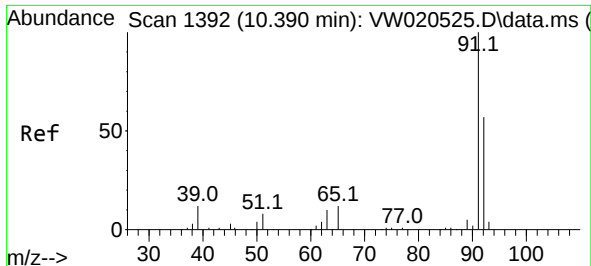
Tgt Ion: 75 Resp: 117754
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 53.468 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Tgt Ion: 43 Resp: 107610
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.4
 100 12.5 10.2 15.4





#42

Toluene

Concen: 25.317 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

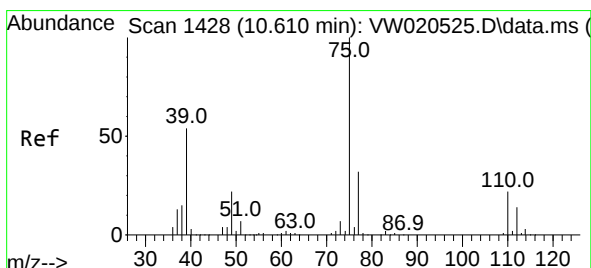
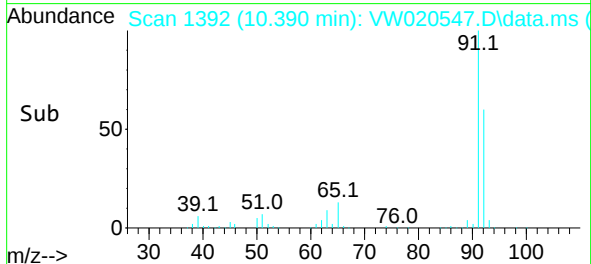
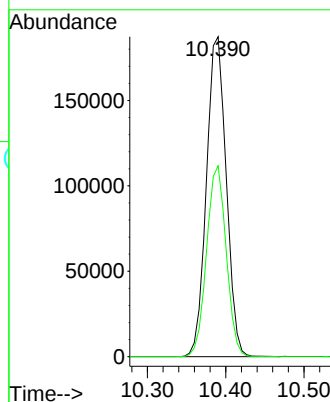
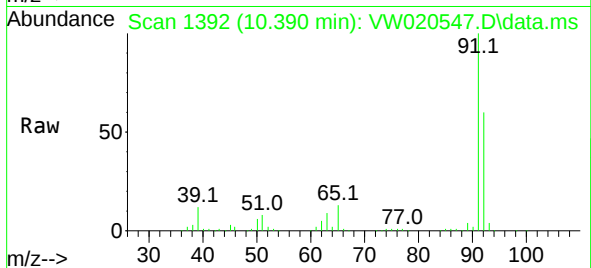
ClientSampleId :

Tgt Ion: 91 Resp: 328818

Ion Ratio Lower Upper

91 100

92 59.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 26.200 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW020547.D

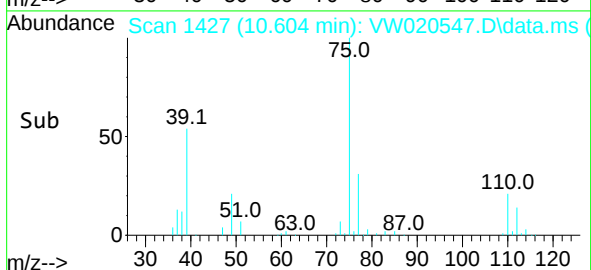
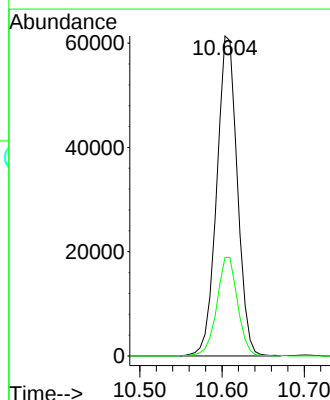
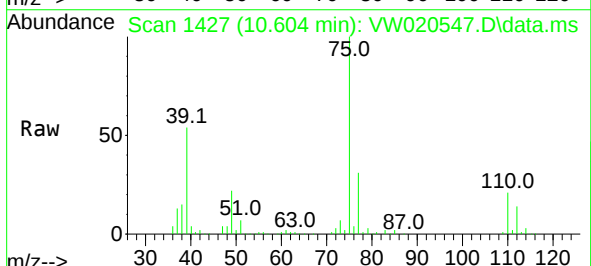
Acq: 18 Oct 2021 08:10

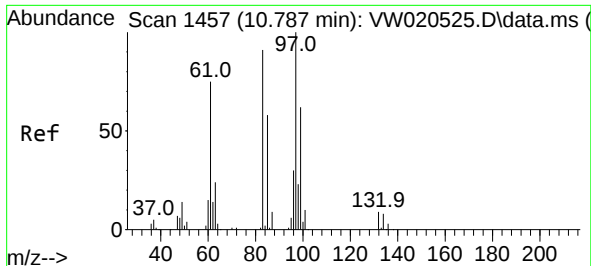
Tgt Ion: 75 Resp: 106854

Ion Ratio Lower Upper

75 100

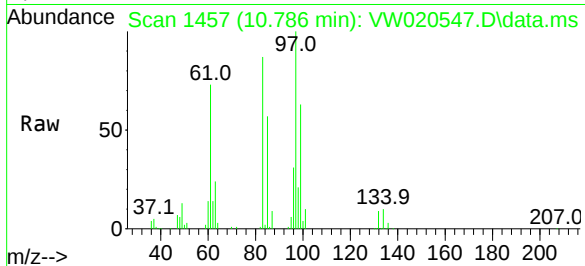
77 30.8 21.8 40.4



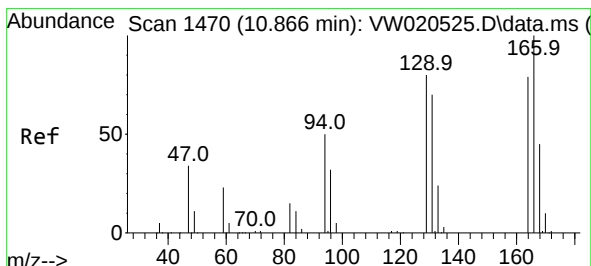
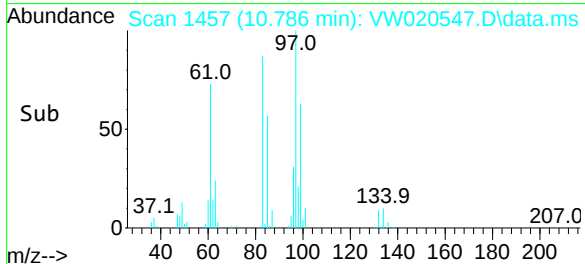
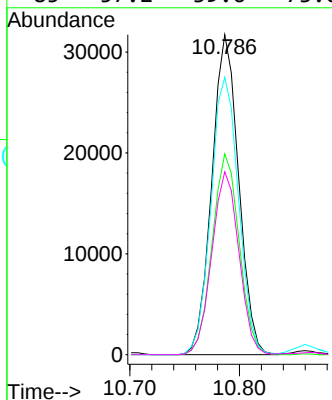


#45
1,1,2-Trichloroethane
Concen: 25.043 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Instrument :
MSVOA_W
ClientSampleId :

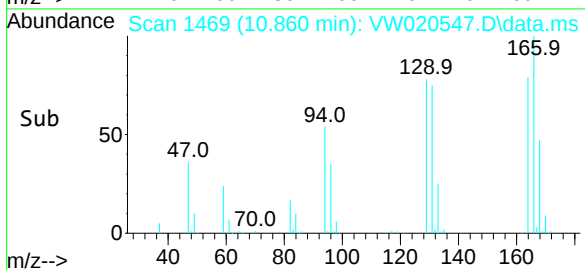
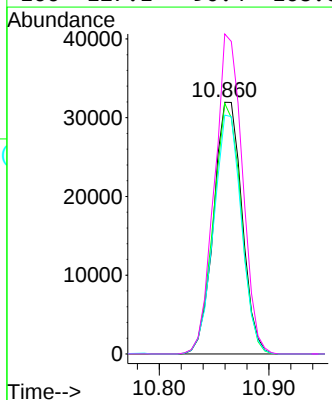
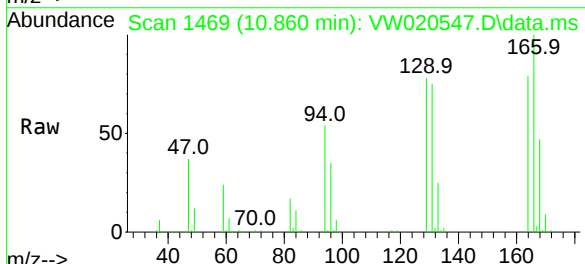


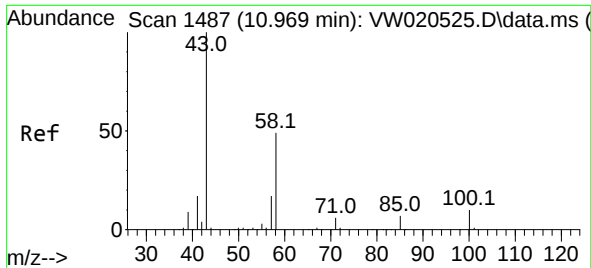
Tgt Ion: 97 Resp: 53917
Ion Ratio Lower Upper
97 100
99 62.8 42.8 79.4
83 86.6 60.9 113.1
85 57.2 39.6 73.6



#46
Tetrachloroethene
Concen: 25.024 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

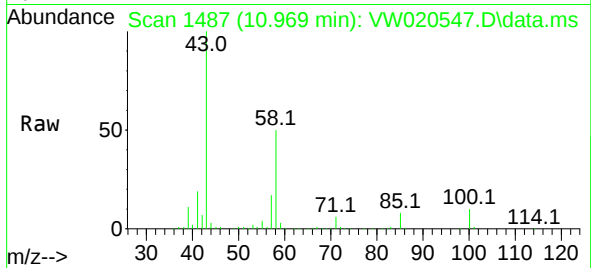
Tgt Ion: 164 Resp: 57337
Ion Ratio Lower Upper
164 100
129 99.5 69.1 128.3
131 94.9 58.3 108.3
166 127.1 90.4 168.0



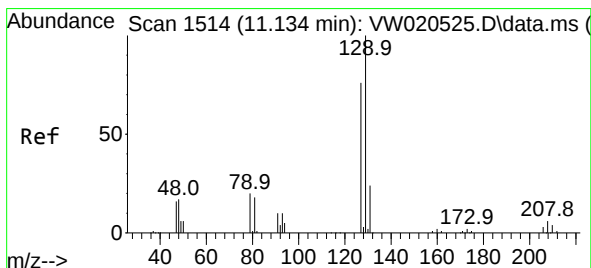
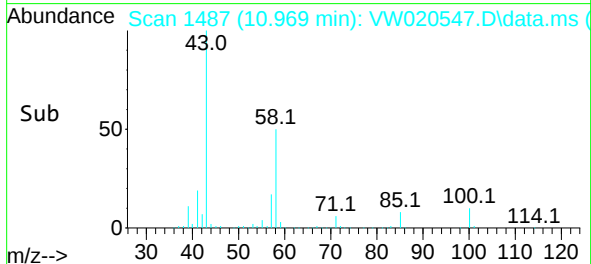
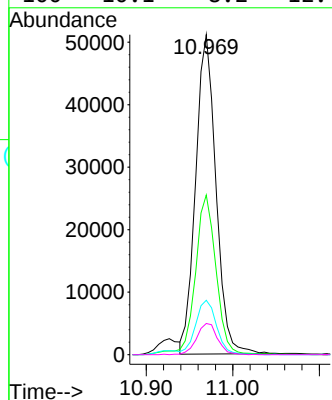


#48
2-Hexanone
Concen: 56.407 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Instrument :
MSVOA_W
ClientSampleId :

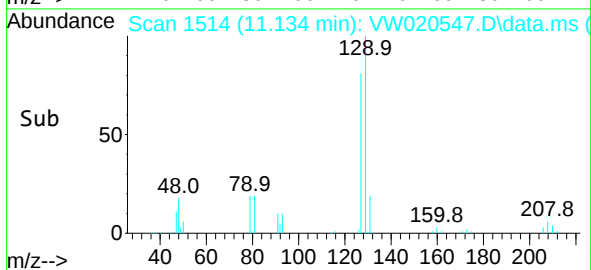
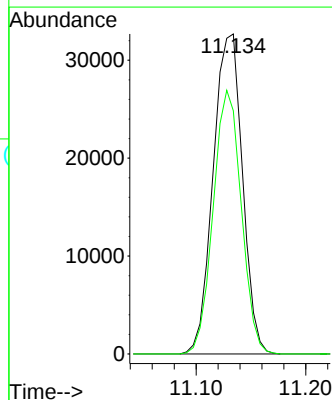
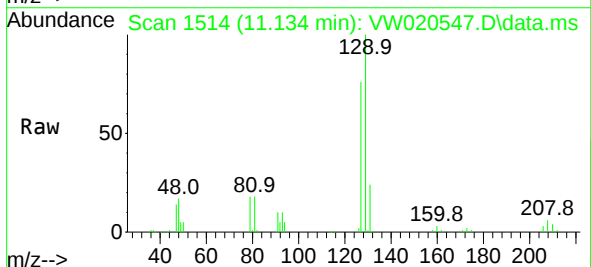


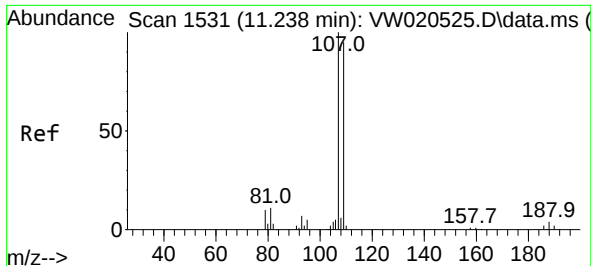
Tgt Ion: 43 Resp: 83291
Ion Ratio Lower Upper
43 100
58 49.3 39.5 59.3
57 17.6 14.2 21.4
100 10.1 8.2 12.4



#49
Dibromochloromethane
Concen: 25.619 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 129 Resp: 60765
Ion Ratio Lower Upper
129 100
127 76.0 55.1 102.3





#50

1,2-Dibromoethane

Concen: 25.090 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020547.D

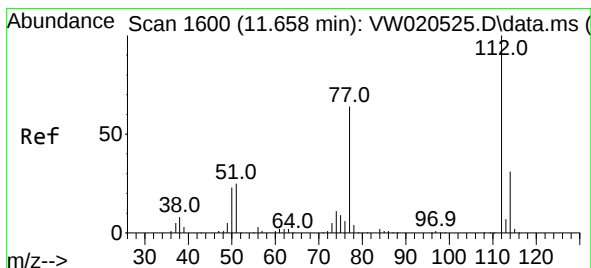
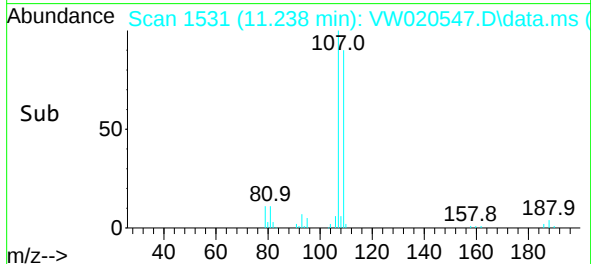
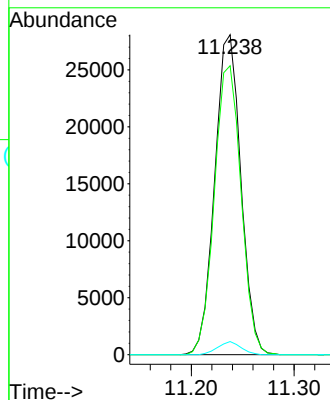
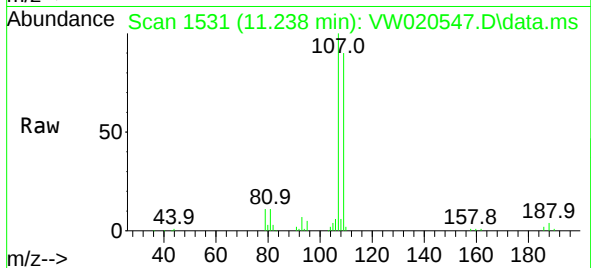
Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	49617
Ion	Ratio	Lower Upper
107	100	
109	90.3	64.5 119.9
188	4.1	3.2 4.8



#51

Chlorobenzene

Concen: 24.548 ug/L

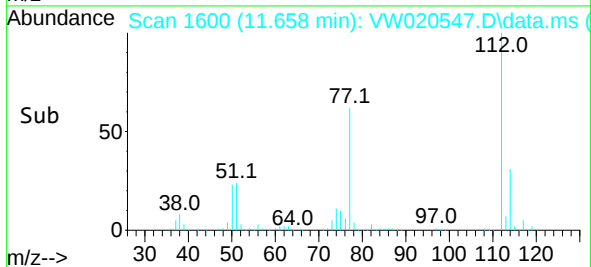
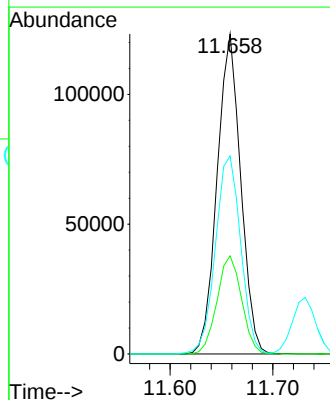
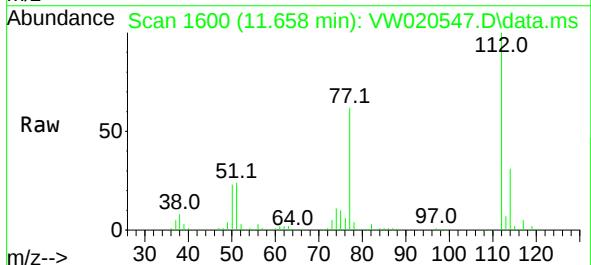
RT: 11.658 min Scan# 1600

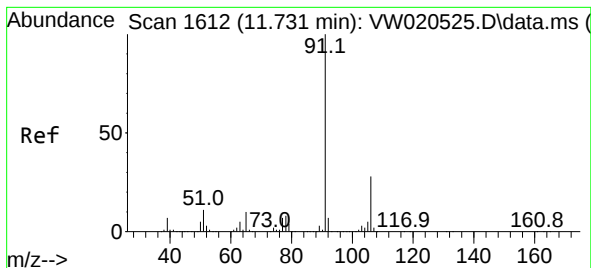
Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Tgt Ion:112	Resp:	196601
Ion	Ratio	Lower Upper
112	100	
114	30.7	22.3 41.5
77	61.9	50.7 76.1

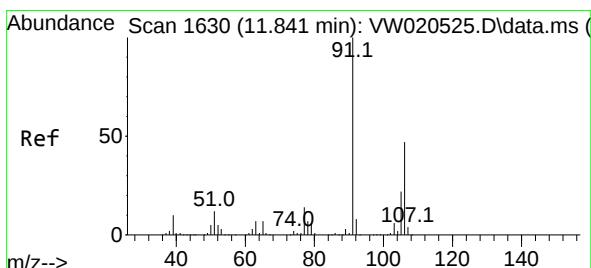
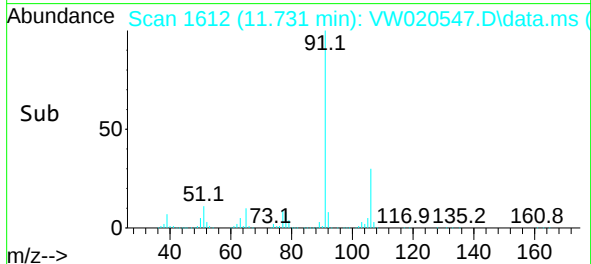
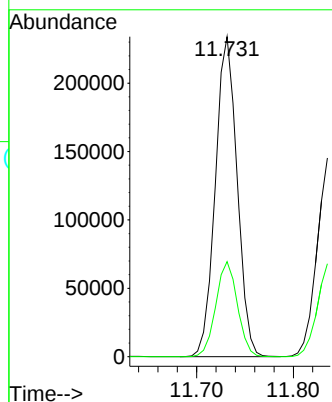
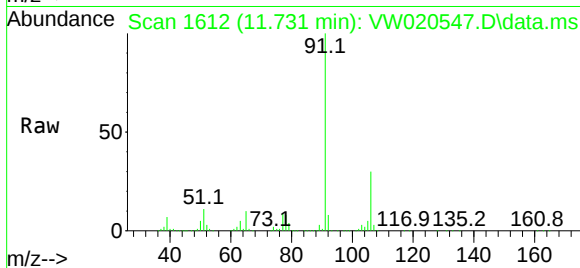




#52
Ethylbenzene
Concen: 25.951 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

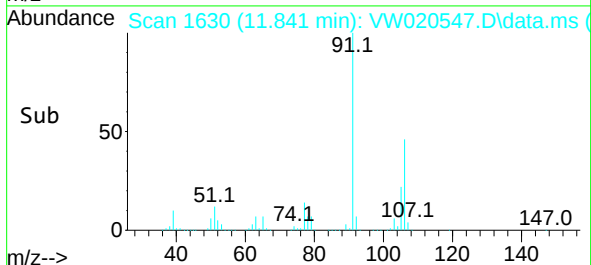
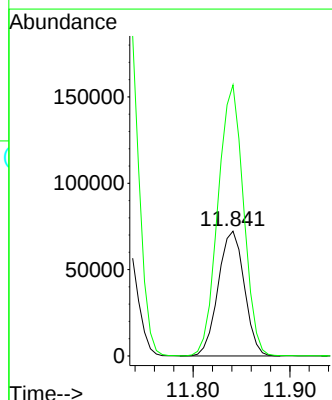
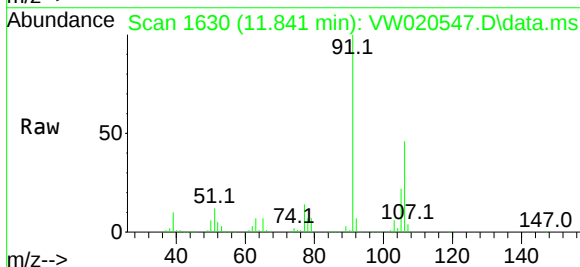
Instrument :
MSVOA_W
ClientSampleId :

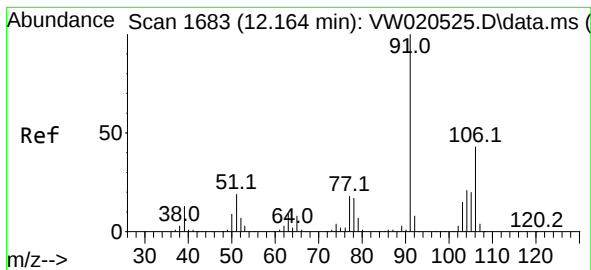
Tgt Ion: 91 Resp: 365493
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 25.947 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion: 106 Resp: 135402
Ion Ratio Lower Upper
106 100
91 217.1 148.2 275.2

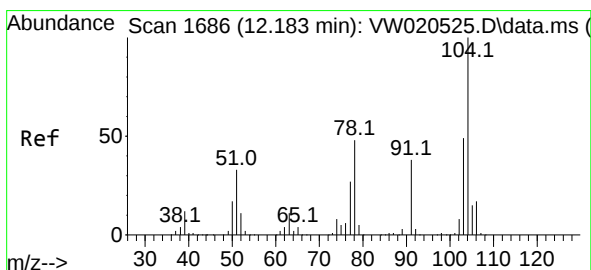
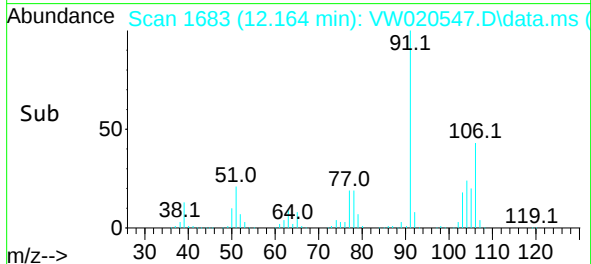
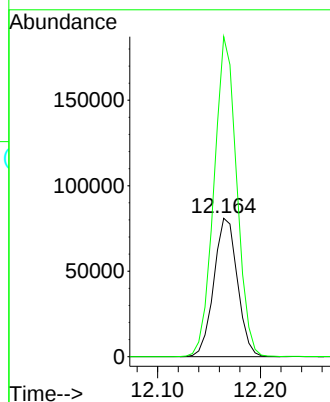
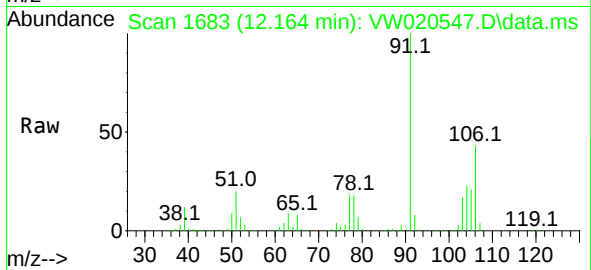




#54
o-Xylene
Concen: 26.749 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

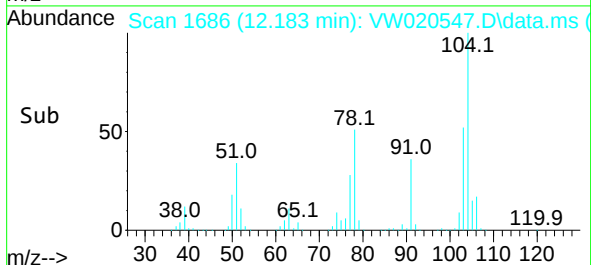
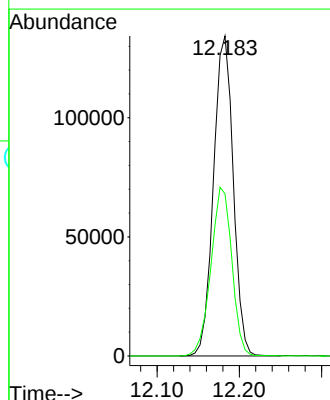
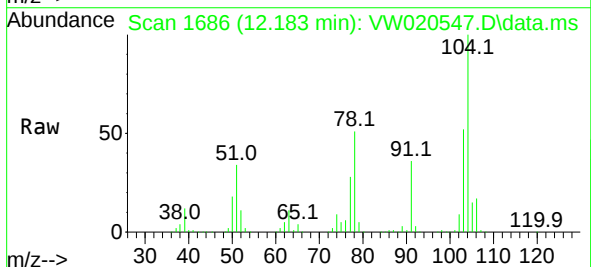
Instrument :
MSVOA_W
ClientSampleId :

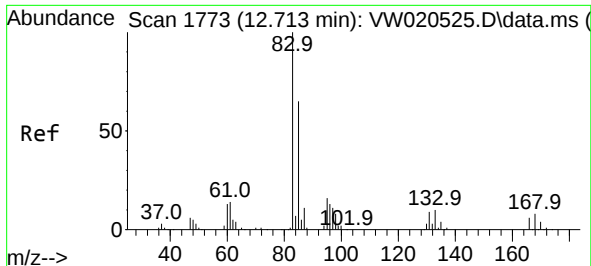
Tgt Ion:106 Resp: 128908
Ion Ratio Lower Upper
106 100
91 231.1 156.1 289.9



#55
Styrene
Concen: 26.580 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion:104 Resp: 223968
Ion Ratio Lower Upper
104 100
78 50.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.636 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020547.D

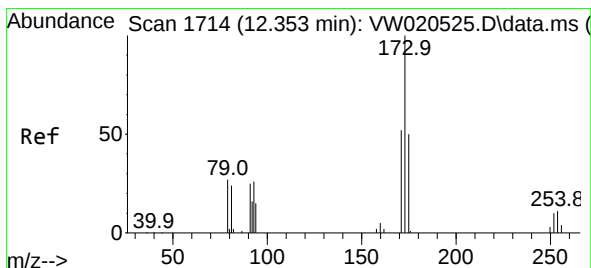
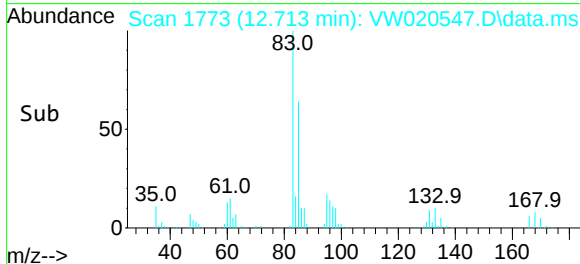
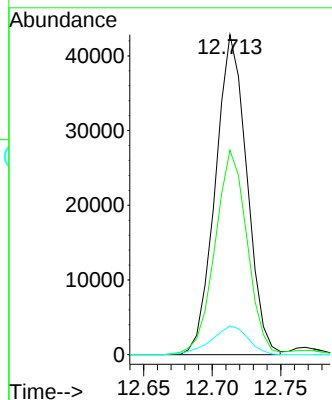
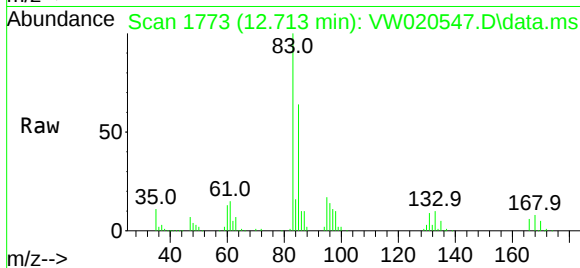
Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 68422
Ion Ratio	Lower Upper
83 100	
85 63.9	45.9 85.3
131 9.0	7.4 11.2



#59

Bromoform

Concen: 23.982 ug/L

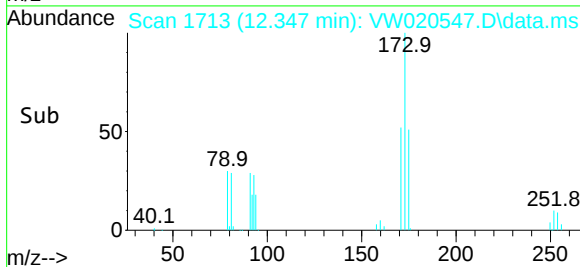
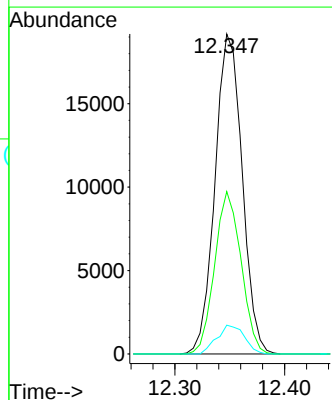
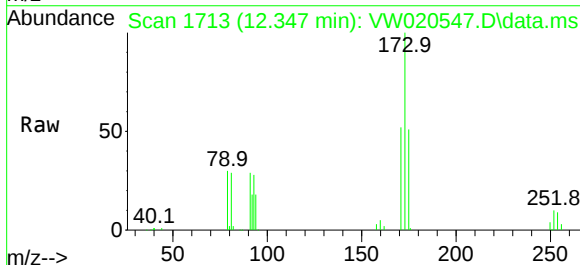
RT: 12.347 min Scan# 1713

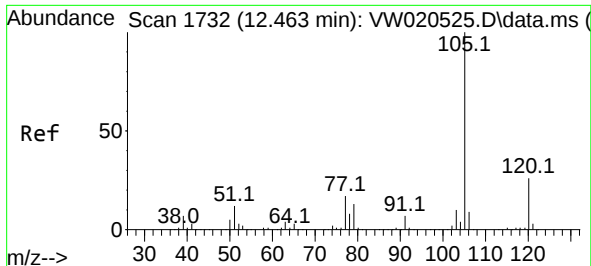
Delta R.T. -0.006 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Tgt Ion: 173	Resp: 33023
Ion Ratio	Lower Upper
173 100	
175 49.4	38.6 57.8
254 9.1	7.3 10.9

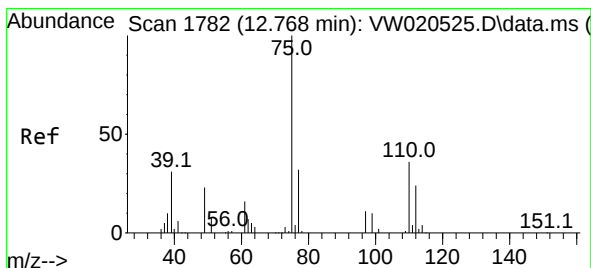
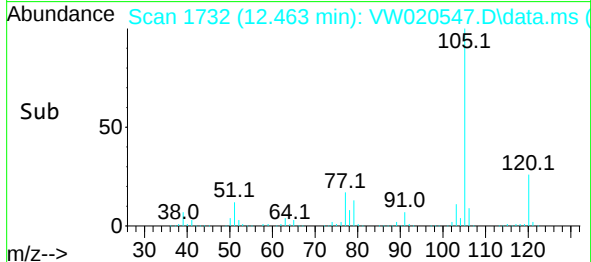
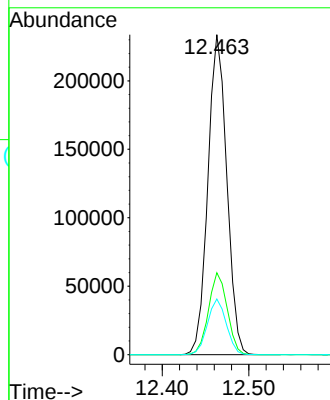
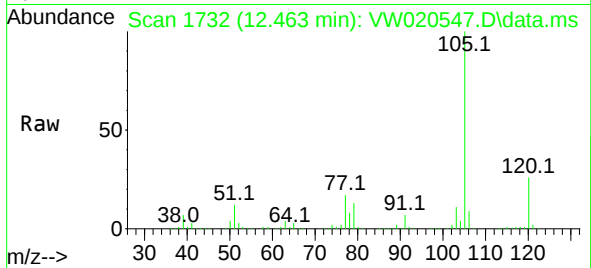




#60
Isopropylbenzene
Concen: 24.533 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

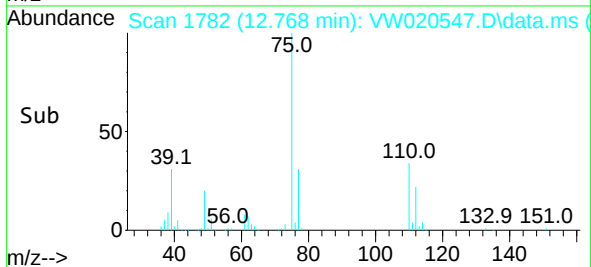
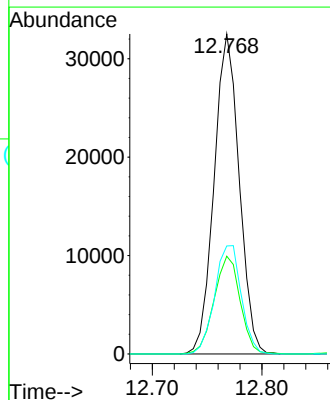
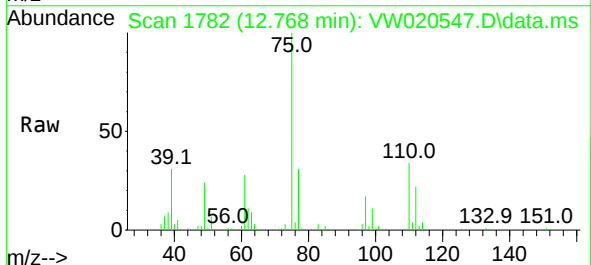
Instrument :
MSVOA_W
ClientSampleId :

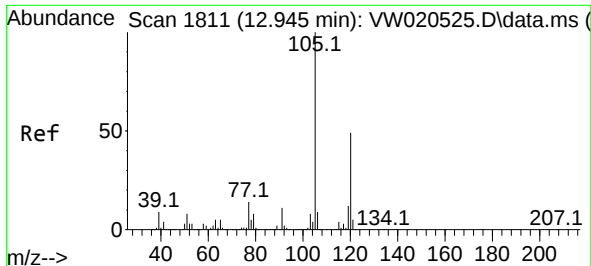
Tgt Ion:105 Resp: 353927
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.4 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 23.867 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

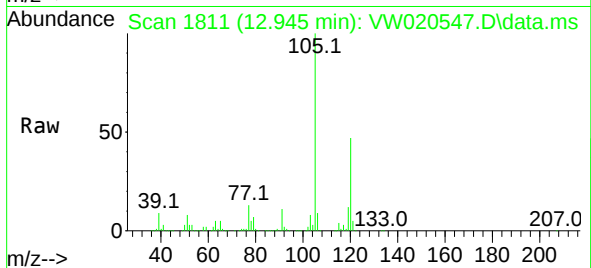
Tgt Ion: 75 Resp: 51683
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
110 36.0 29.4 44.0



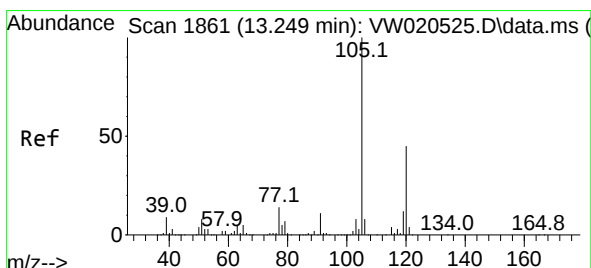
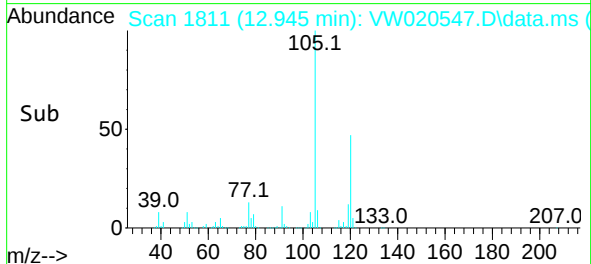
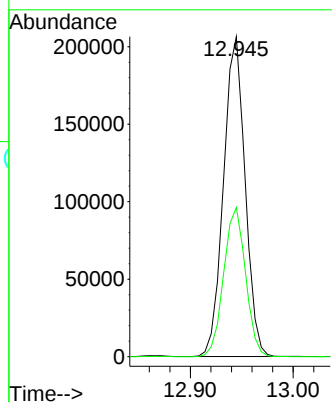


#62
 1,3,5-Trimethylbenzene
 Concen: 25.516 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Instrument :
 MSVOA_W
 ClientSampleId :

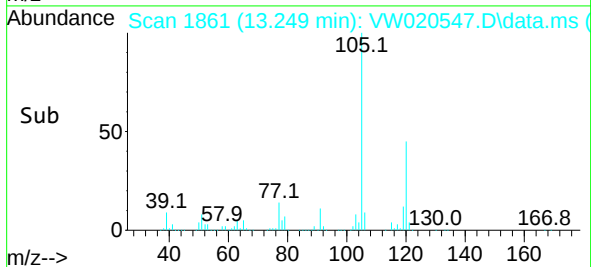
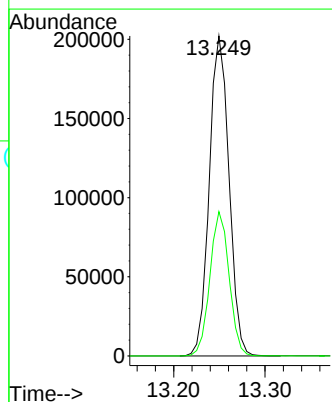
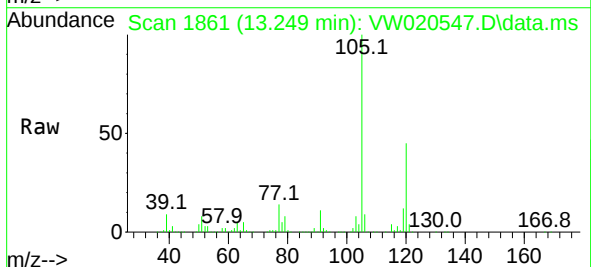


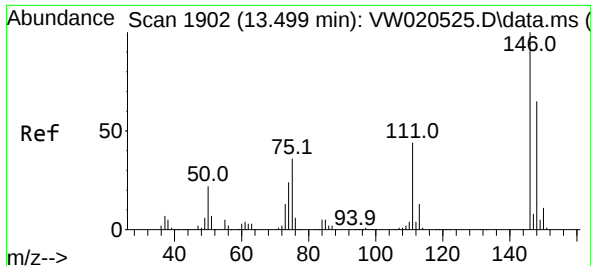
Tgt Ion:105 Resp: 300549
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 25.939 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020547.D
 Acq: 18 Oct 2021 08:10

Tgt Ion:105 Resp: 302641
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.4 53.2

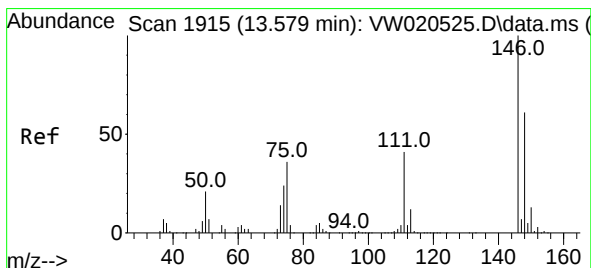
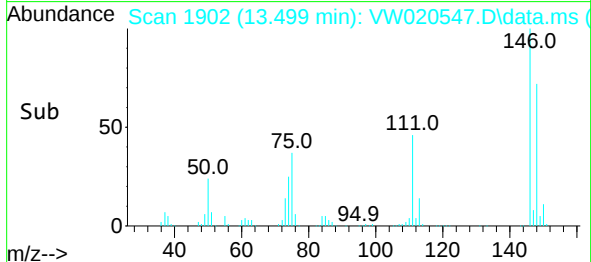
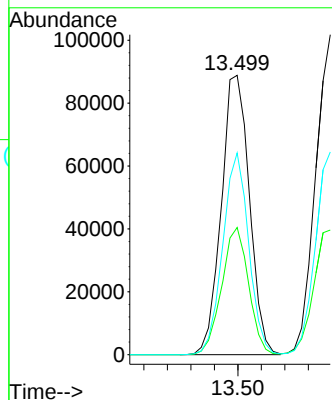
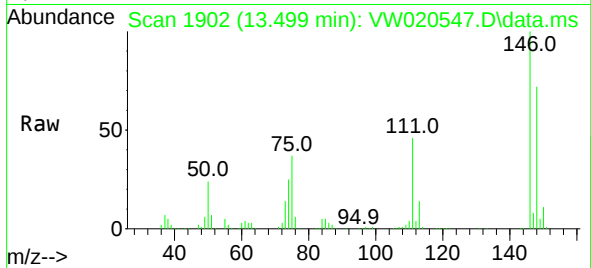




#64
1,3-Dichlorobenzene
Concen: 23.672 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

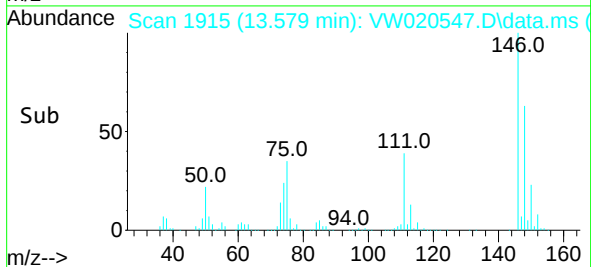
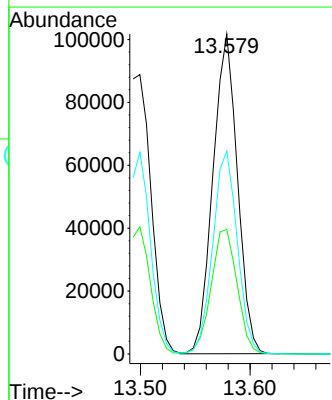
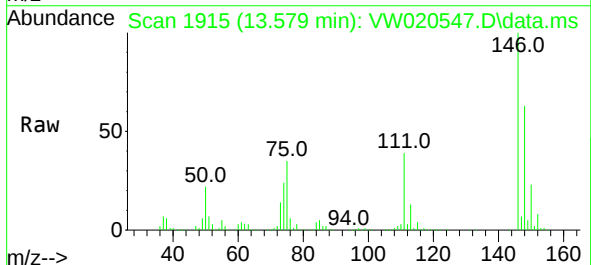
Instrument :
MSVOA_W
ClientSampleId :

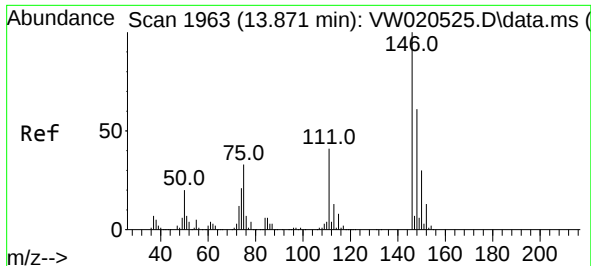
Tgt Ion:146 Resp: 147764
Ion Ratio Lower Upper
146 100
111 45.5 29.0 53.8
148 72.2 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 24.488 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020547.D
Acq: 18 Oct 2021 08:10

Tgt Ion:146 Resp: 158108
Ion Ratio Lower Upper
146 100
111 38.9 30.9 57.5
148 63.3 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.272 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

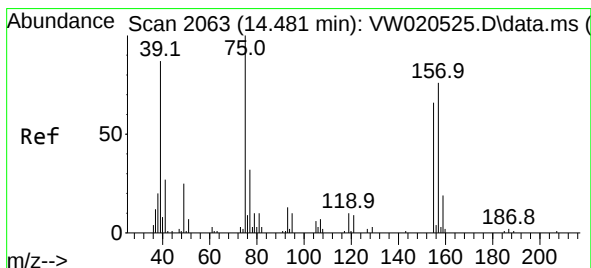
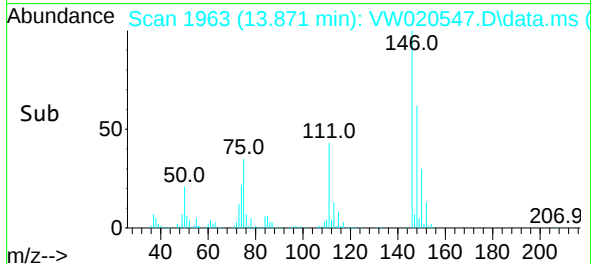
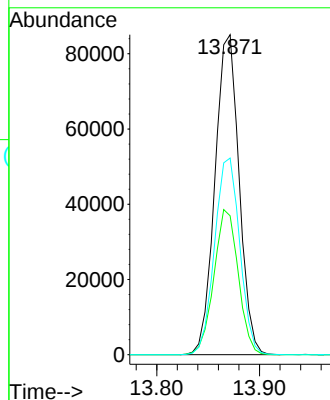
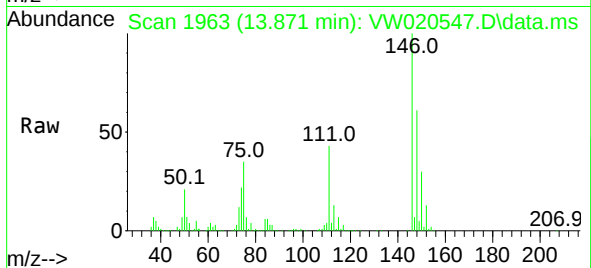
Tgt Ion:146 Resp: 138807

Ion Ratio Lower Upper

146 100

111 43.4 33.9 50.9

148 61.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.861 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

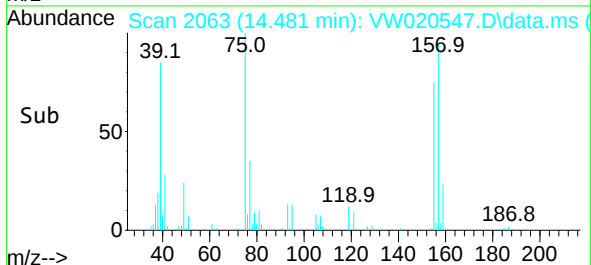
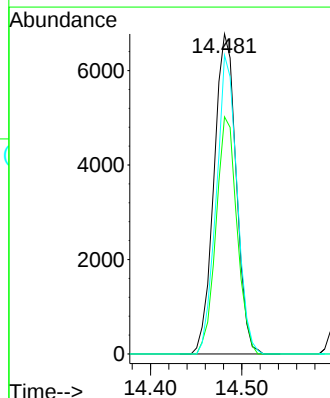
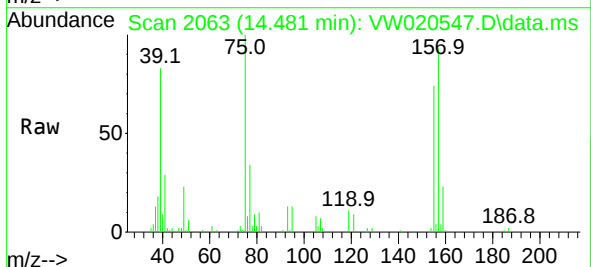
Tgt Ion: 75 Resp: 11435

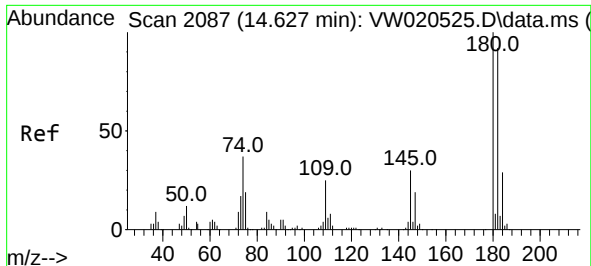
Ion Ratio Lower Upper

75 100

155 74.1 51.4 77.0

157 93.3 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 24.840 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 110565

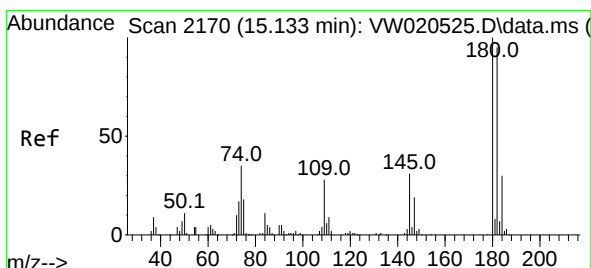
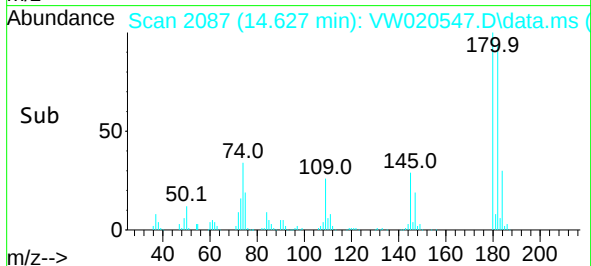
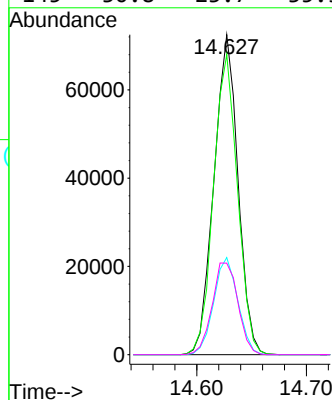
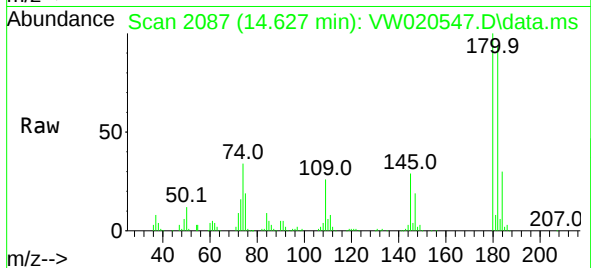
Ion Ratio Lower Upper

180 100

182 93.9 73.4 110.0

184 30.4 24.2 36.4

145 30.8 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 25.071 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

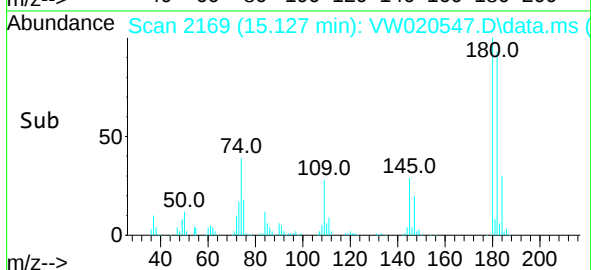
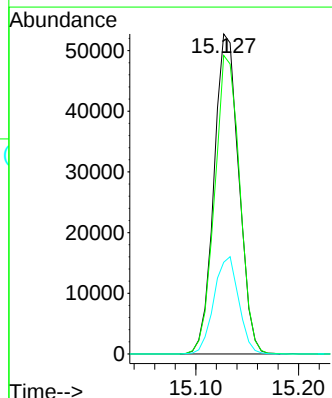
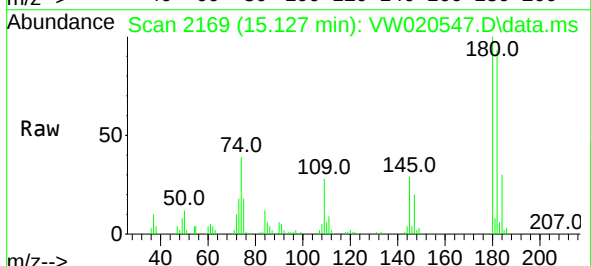
Tgt Ion:180 Resp: 88363

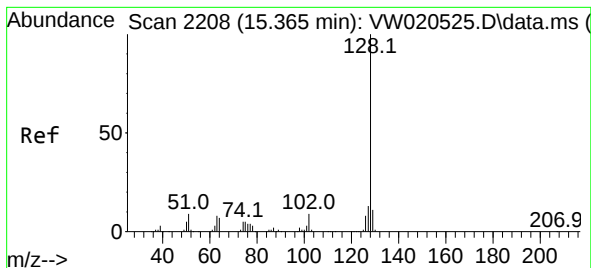
Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.8

145 30.4 24.8 37.2





#71

Naphthalene

Concen: 26.039 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Instrument :

MSVOA_W

ClientSampleId :

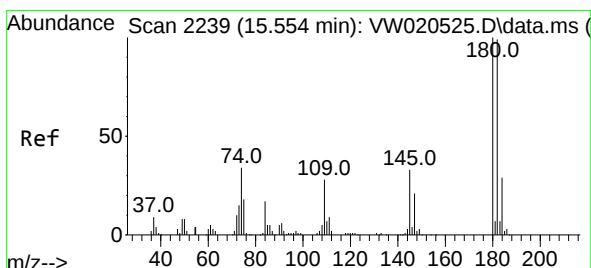
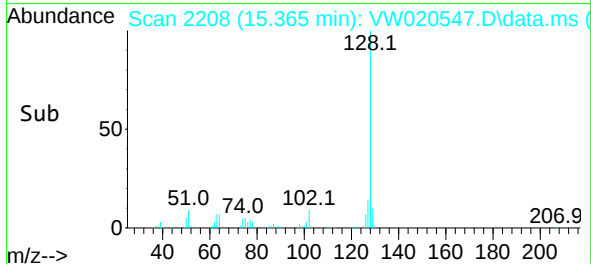
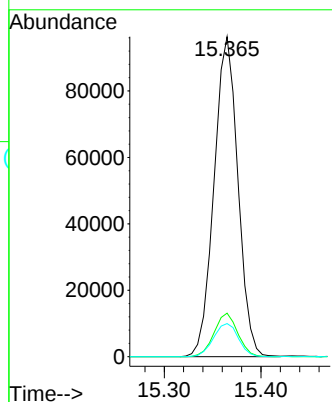
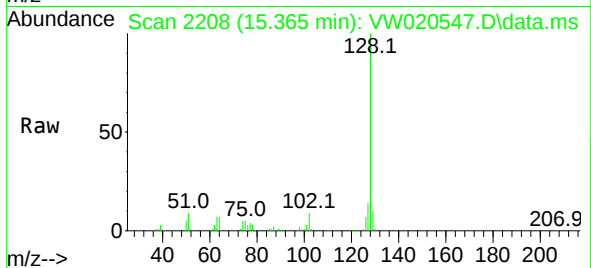
Tgt Ion:128 Resp: 165003

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.923 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020547.D

Acq: 18 Oct 2021 08:10

Tgt Ion:180 Resp: 77151

Ion Ratio Lower Upper

180 100

182 98.3 74.8 112.2

145 34.2 26.2 39.4

