

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020574.D
 Acq On : 18 Oct 2021 20:35
 Operator : SY/VA
 Sample : M4212-08MS
 Misc : 3.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 07:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	190320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	100302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	59106	19.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.760%
7) Chloroethane-d5	2.879	69	32336	20.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	4.019	63	120839	19.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.560%
21) 2-Butanone-d5	7.080	46	41035	44.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
24) Chloroform-d	7.647	84	142663	21.692	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.760%
26) 1,2-Dichloroethane-d4	8.305	65	81252	21.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.520%
32) Benzene-d6	8.275	84	266381	21.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.274	67	88249	21.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.323	98	235206	20.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.579	79	35239	21.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.927	63	28384	45.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68770	22.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	75804	19.320	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	39302	29.478	ug/L	99
3) Chloromethane	2.215	50	64375	23.222	ug/L	98
5) Vinyl chloride	2.355	62	83329	21.372	ug/L	98
6) Bromomethane	2.769	94	32846	19.395	ug/L	96
8) Chloroethane	2.916	64	29494	20.486	ug/L	95
9) Trichlorofluoromethane	3.251	101	32512	14.656	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	67061	21.196	ug/L	98
12) 1,1-Dichloroethene	4.038	96	62438	21.524	ug/L	99
13) Acetone	4.129	43	46782	55.771	ug/L	100
14) Carbon disulfide	4.379	76	185070	19.614	ug/L	100
15) Methyl Acetate	4.672	43	33907	21.767	ug/L	100
16) Methylene chloride	4.922	84	78755	19.636	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	66872	21.972	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	102261	23.849	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142785	22.885	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74409	23.522	ug/L	99
22) 2-Butanone	7.171	43	45061	42.915	ug/L	99
23) Bromochloromethane	7.513	128	31910	22.999	ug/L	96
25) Chloroform	7.677	83	141718	23.365	ug/L	97

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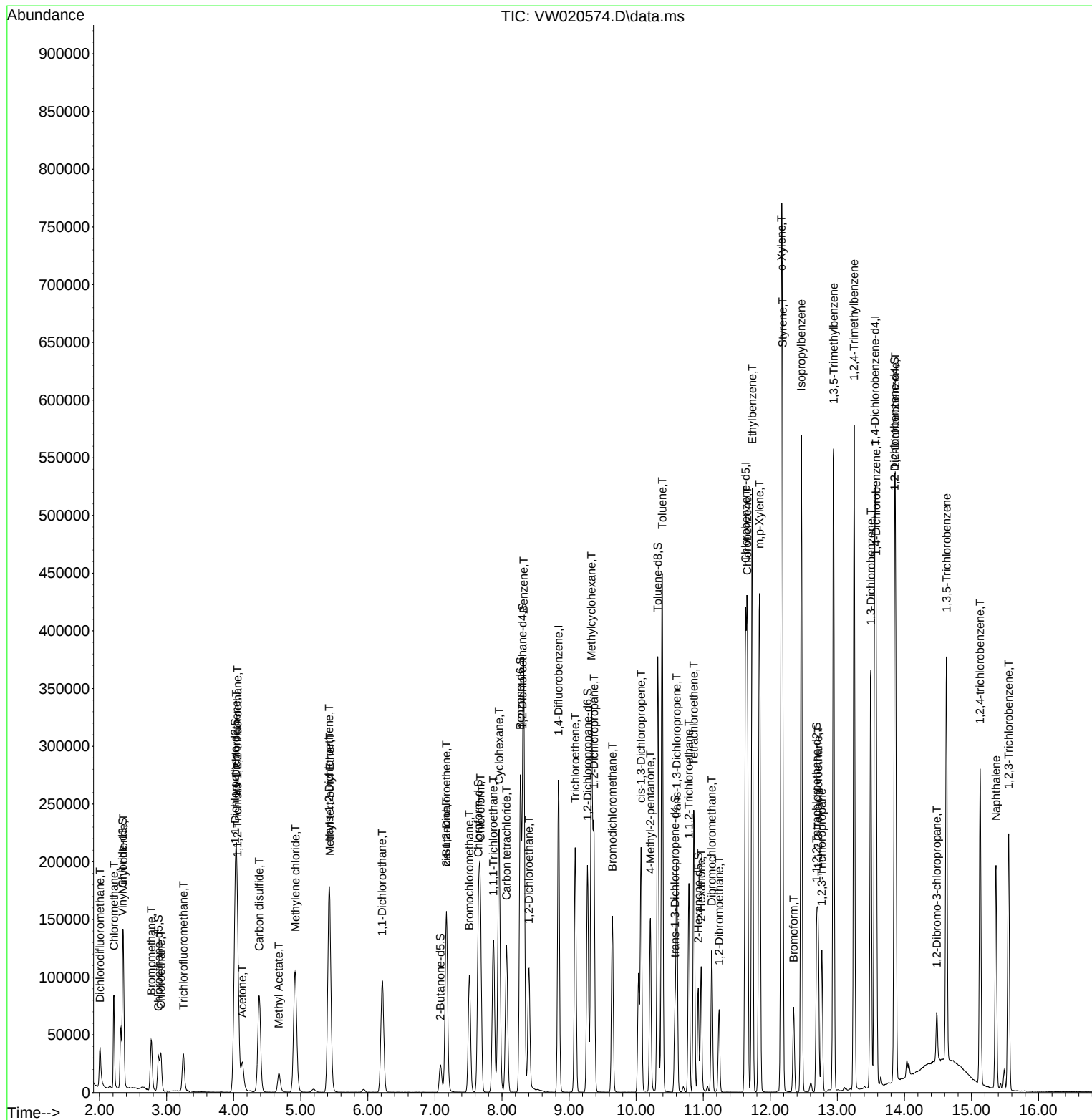
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97575	23.520	ug/L	98
29) Cyclohexane	7.958	56	123383	22.143	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	105607	22.336	ug/L	99
31) Carbon tetrachloride	8.067	117	92143	22.166	ug/L	98
33) Benzene	8.323	78	313040	23.093	ug/L	100
34) Trichloroethene	9.092	95	72491	21.707	ug/L	98
35) Methylcyclohexane	9.335	83	120572	21.097	ug/L	99
37) 1,2-Dichloropropane	9.372	63	81908	23.333	ug/L	98
38) Bromodichloromethane	9.646	83	100261	23.821	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	114296	23.598	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	102748	48.765	ug/L	99
42) Toluene	10.390	91	320946	23.604	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	101418	23.753	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	53544	23.756	ug/L	100
46) Tetrachloroethene	10.860	164	51978	21.669	ug/L	92
48) 2-Hexanone	10.969	43	69929	45.236	ug/L	100
49) Dibromochloromethane	11.128	129	59963	24.148	ug/L	99
50) 1,2-Dibromoethane	11.237	107	46847	22.628	ug/L	100
51) Chlorobenzene	11.658	112	192124	22.914	ug/L	99
52) Ethylbenzene	11.731	91	343318	23.284	ug/L	97
53) m,p-Xylene	11.841	106	125339	22.943	ug/L	98
54) o-Xylene	12.164	106	122950	24.369	ug/L	97
55) Styrene	12.182	104	219313	24.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	66145	23.672	ug/L	98
59) Bromoform	12.347	173	31586	22.479	ug/L	98
60) Isopropylbenzene	12.463	105	336383	22.849	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49044	22.195	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	282895	23.536	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	282010	23.686	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	136646	21.452	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	142513	21.630	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	132028	22.624	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	11296	24.067	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	96008	21.137	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	78015	21.692	ug/L	99
71) Naphthalene	15.365	128	152961	23.655	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	71108	22.511	ug/L	99

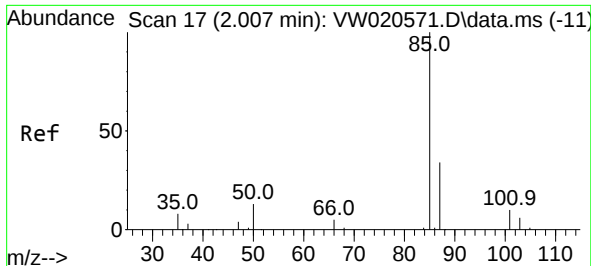
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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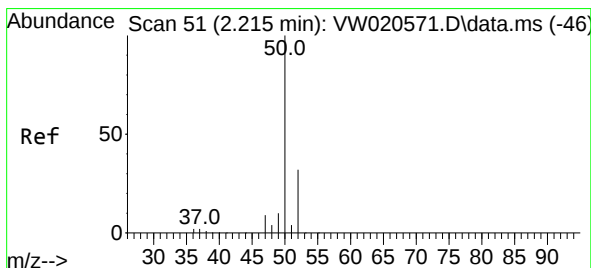
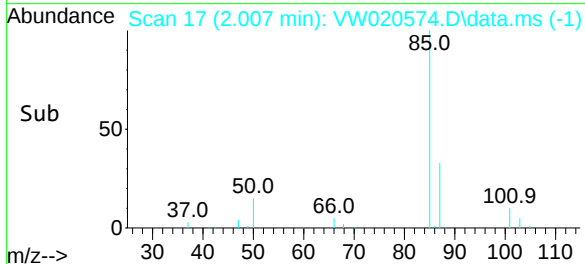
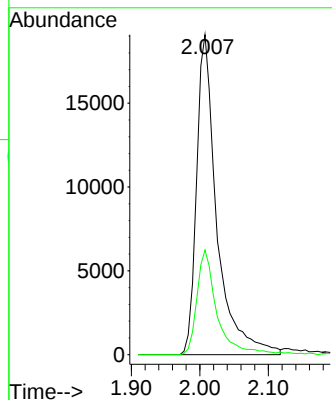
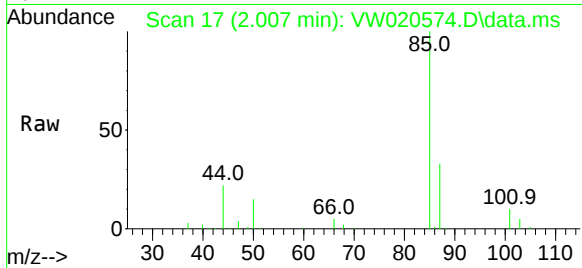




#2
 Dichlorodifluoromethane
 Concen: 29.478 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

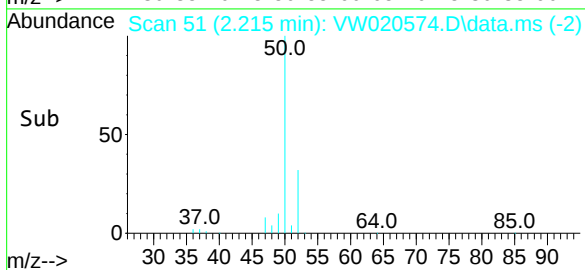
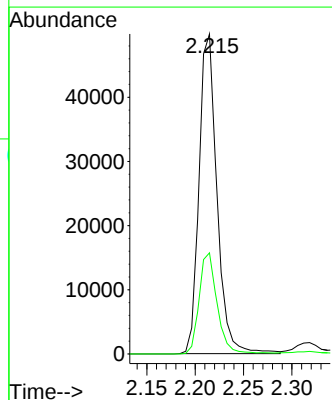
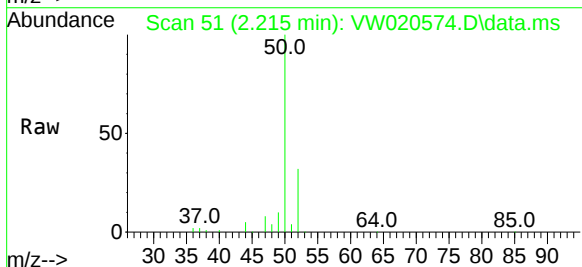
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 MSVOA_W
 ClientSampleId :

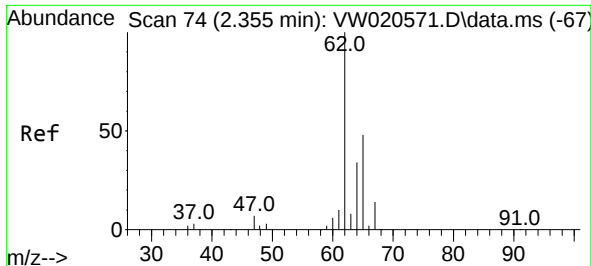
Tgt Ion: 85 Resp: 39302
 Ion Ratio Lower Upper
 85 100
 87 30.7 24.9 37.3



#3
 Chloromethane
 Concen: 23.222 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

Tgt Ion: 50 Resp: 64375
 Ion Ratio Lower Upper
 50 100
 52 31.6 21.5 39.9

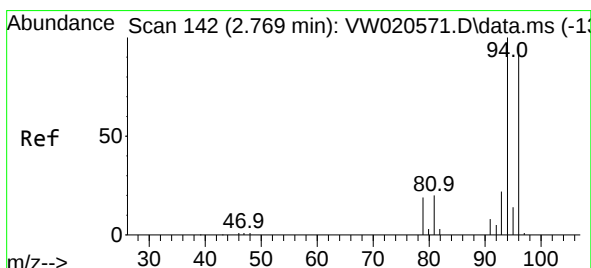
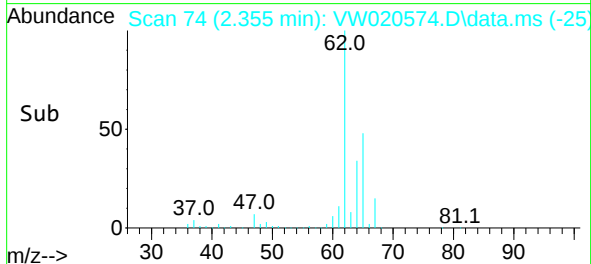
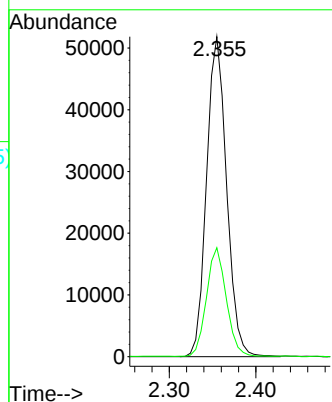
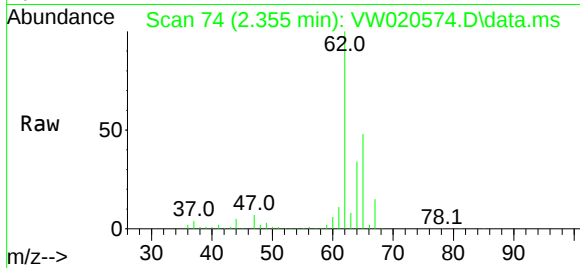




#5
 Vinyl chloride
 Concen: 21.372 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

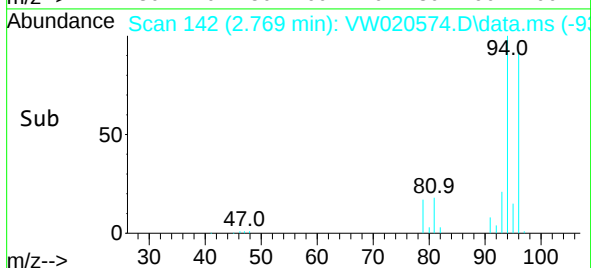
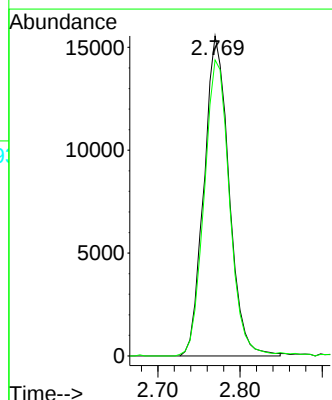
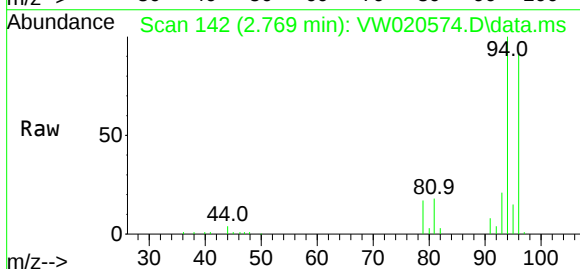
Instrument :
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 ClientSampleId :

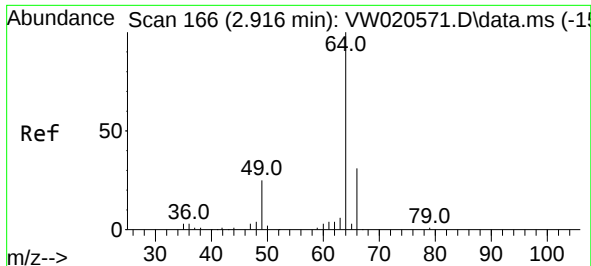
Tgt Ion: 62 Resp: 83329
 Ion Ratio Lower Upper
 62 100
 64 34.0 24.6 45.6



#6
 Bromomethane
 Concen: 19.395 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

Tgt Ion: 94 Resp: 32846
 Ion Ratio Lower Upper
 94 100
 96 92.5 67.8 126.0

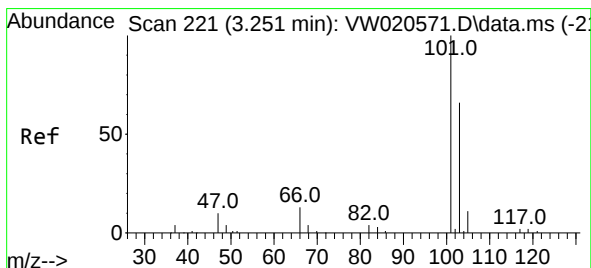
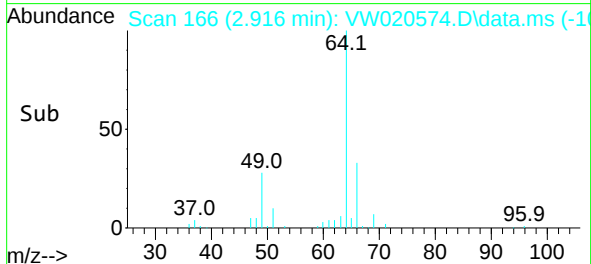
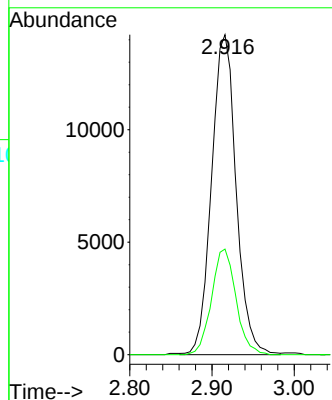
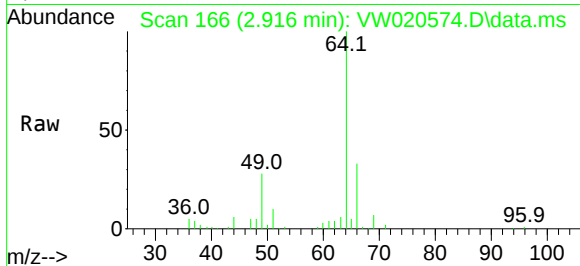




#8
Chloroethane
Concen: 20.486 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

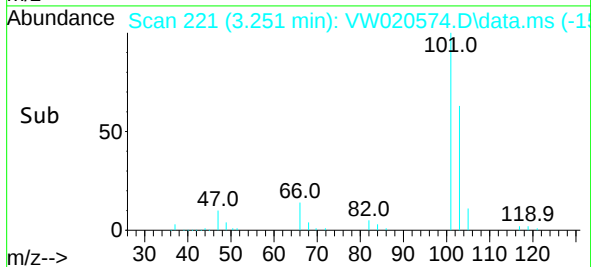
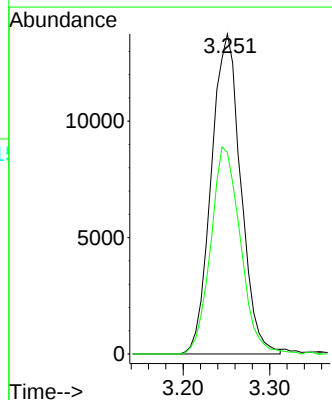
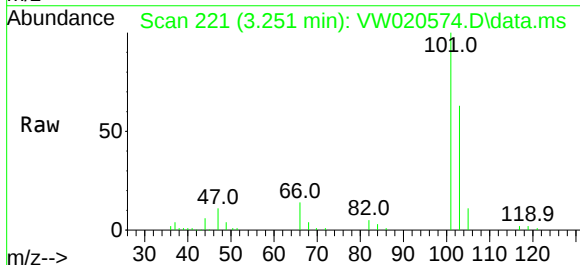
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MSVOA_W
ClientSampleId :

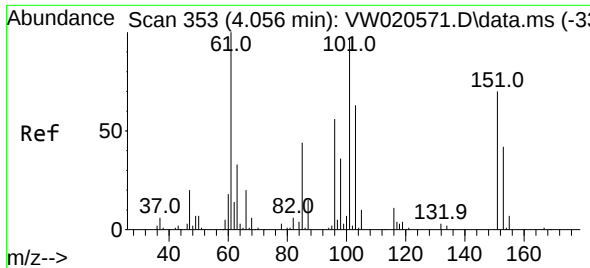
Tgt Ion: 64 Resp: 29494
Ion Ratio Lower Upper
64 100
66 33.0 21.2 39.4



#9
Trichlorofluoromethane
Concen: 14.656 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:101 Resp: 32512
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

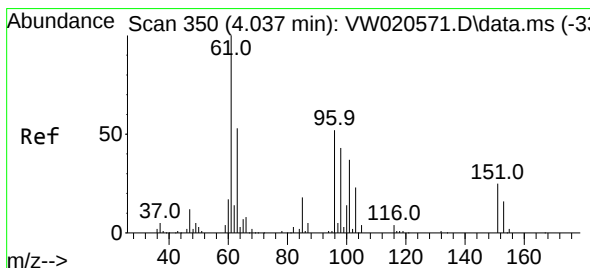
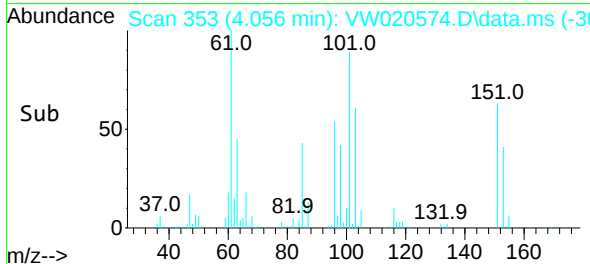
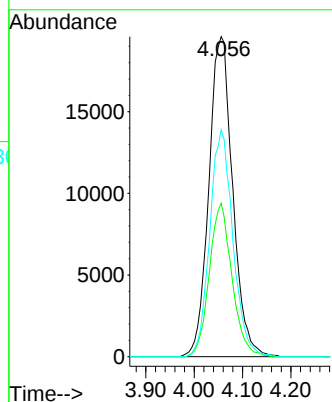
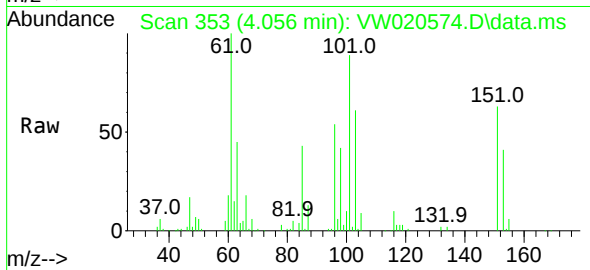




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.196 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

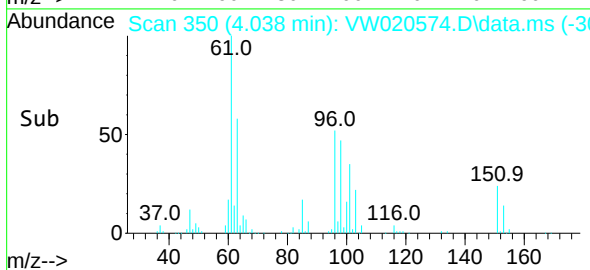
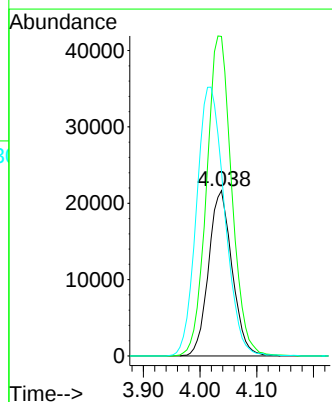
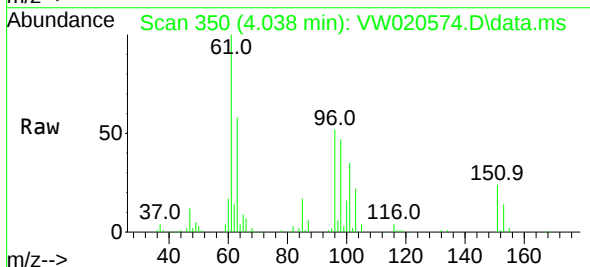
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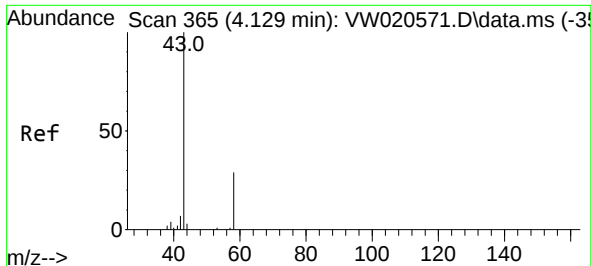
Tgt Ion:101 Resp: 67061
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.3 54.5
 151 68.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 21.524 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

Tgt Ion: 96 Resp: 62438
 Ion Ratio Lower Upper
 96 100
 61 193.3 133.9 248.7
 63 111.9 77.3 143.7





#13

Acetone

Concen: 55.771 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

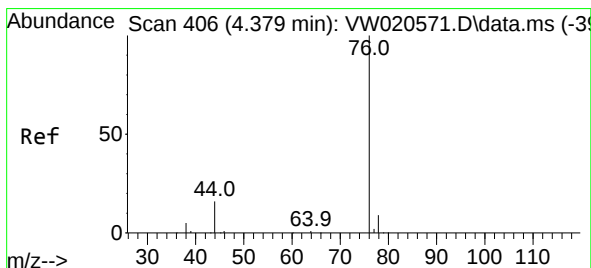
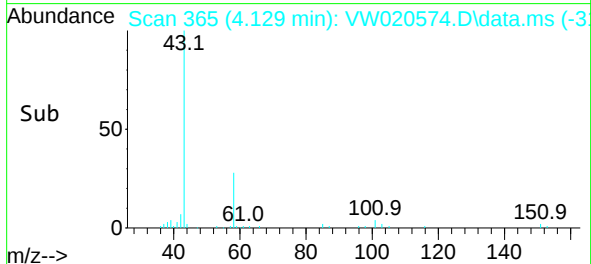
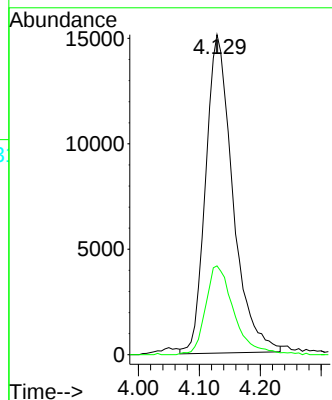
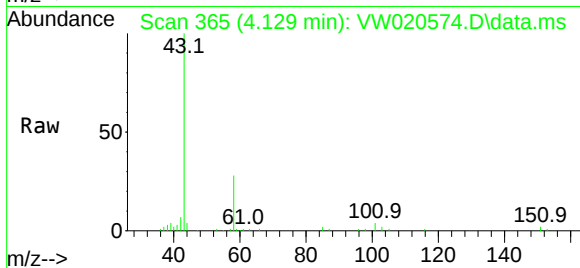
ClientSampleId :

Tgt Ion: 43 Resp: 46782

Ion Ratio Lower Upper

43 100

58 29.1 0.0 58.4



#14

Carbon disulfide

Concen: 19.614 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW020574.D

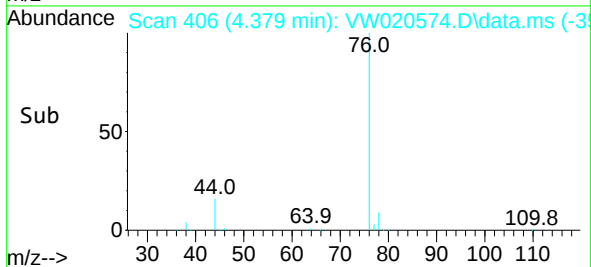
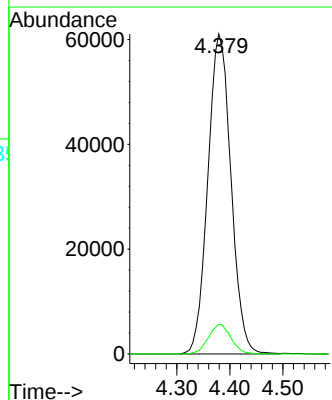
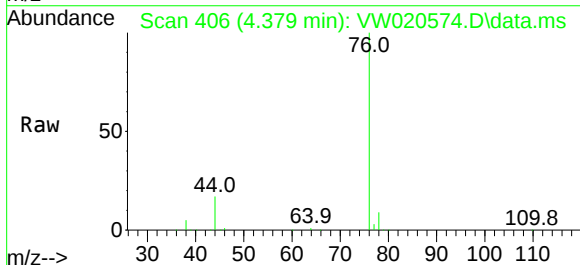
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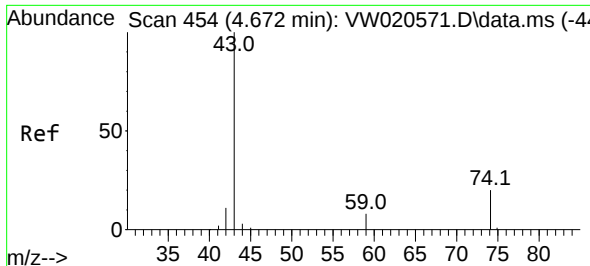
Tgt Ion: 76 Resp: 185070

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

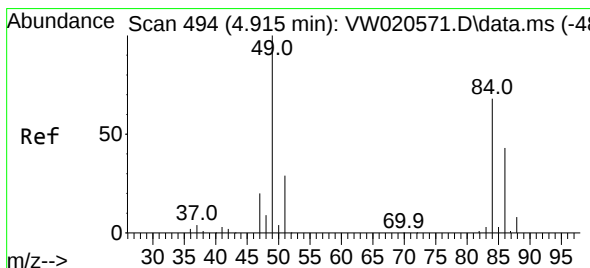
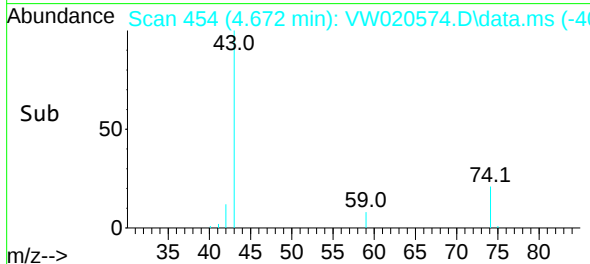
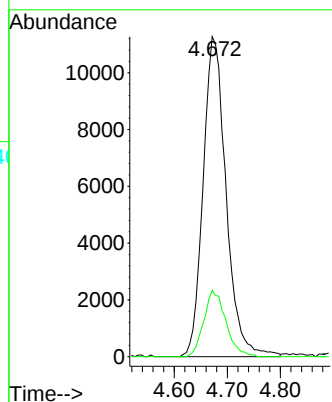
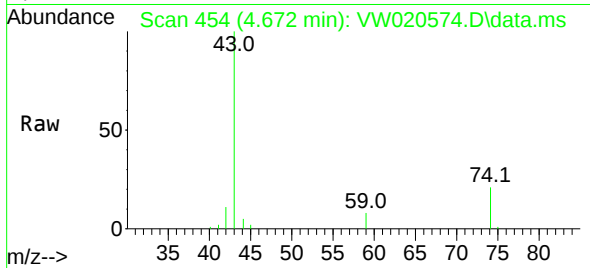




#15
Methyl Acetate
Concen: 21.767 ug/L
RT: 4.672 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

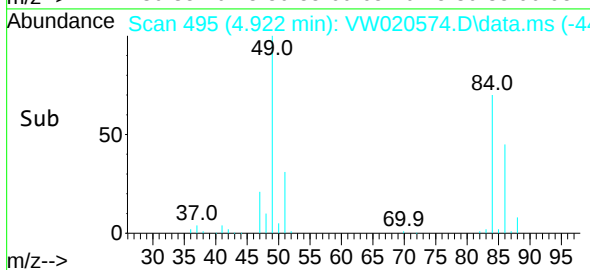
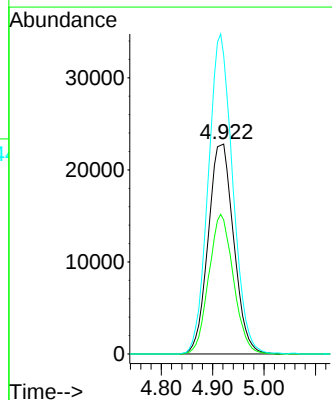
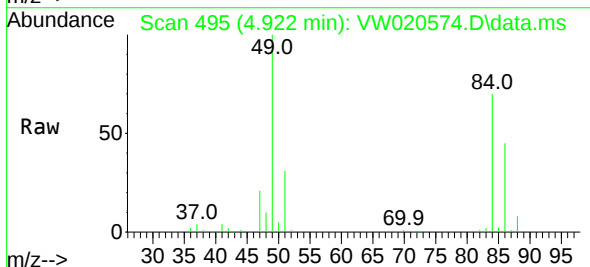
Instrument :
MSVOA_W
ClientSampleId :

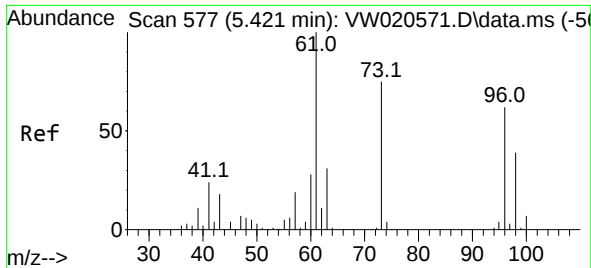
Tgt Ion: 43 Resp: 33907
Ion Ratio Lower Upper
43 100
74 19.9 16.1 24.1



#16
Methylene chloride
Concen: 19.636 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

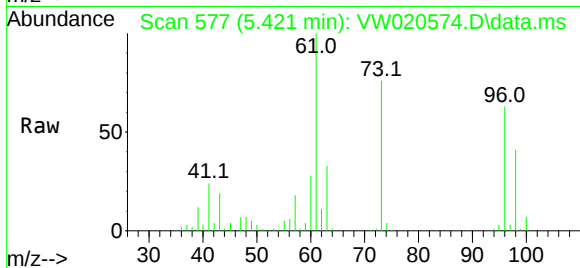
Tgt Ion: 84 Resp: 78755
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 142.0 101.7 188.9





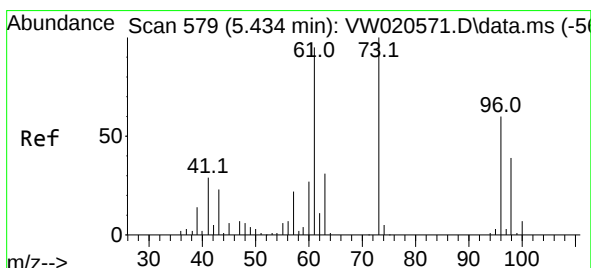
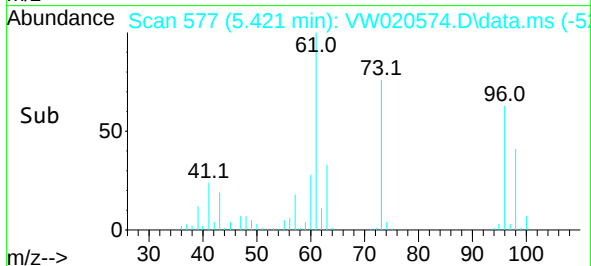
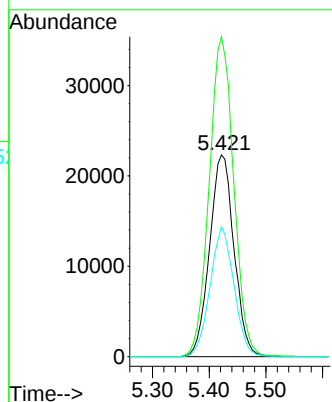
#17
trans-1,2-Dichloroethene
Concen: 21.972 ug/L
RT: 5.421 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 66872

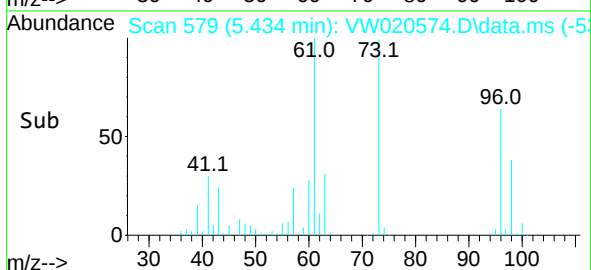
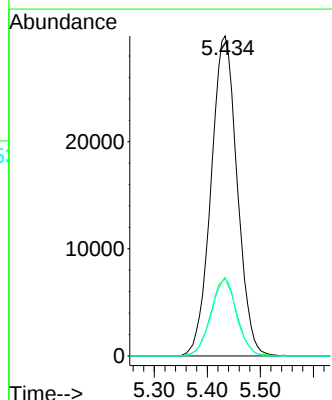
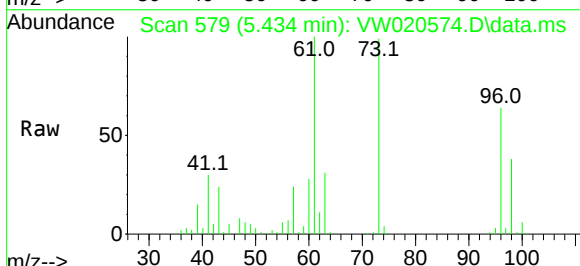
Ion	Ratio	Lower	Upper
96	100		
61	158.6	110.7	205.5
98	64.4	43.9	81.5

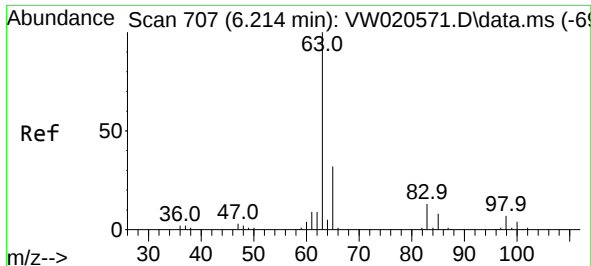


#18
Methyl tert-butyl Ether
Concen: 23.849 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion: 73 Resp: 102261

Ion	Ratio	Lower	Upper
73	100		
43	24.3	18.9	28.3
57	23.6	18.9	28.3





#19

1,1-Dichloroethane

Concen: 22.885 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :

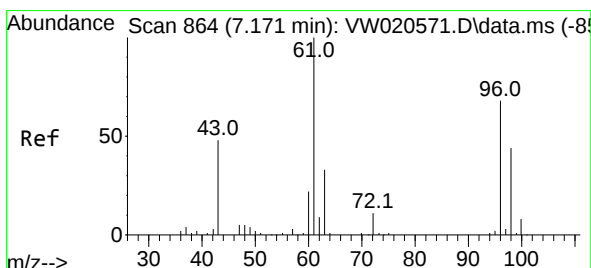
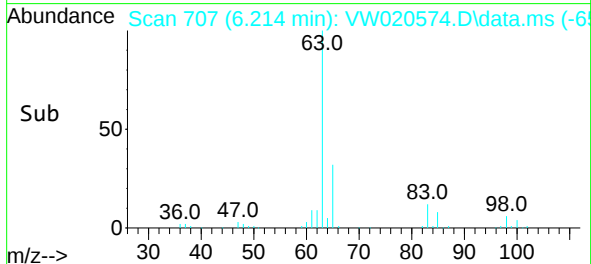
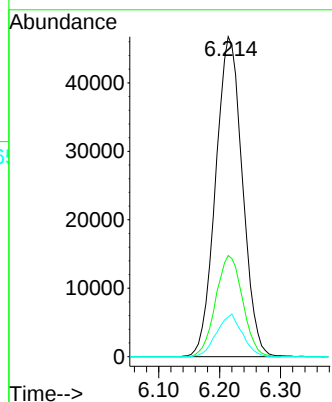
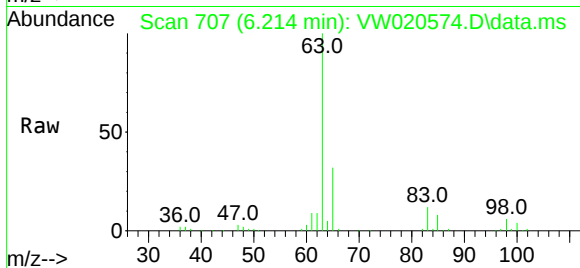
Tgt Ion: 63 Resp: 142785

Ion Ratio Lower Upper

63 100

65 31.6 21.9 40.7

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.522 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

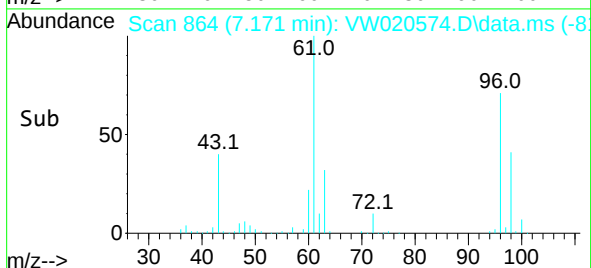
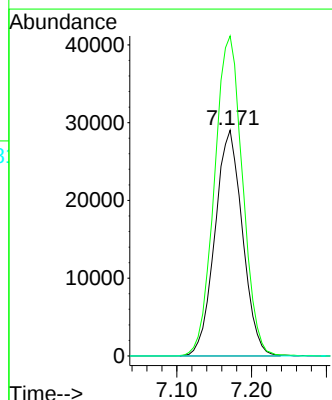
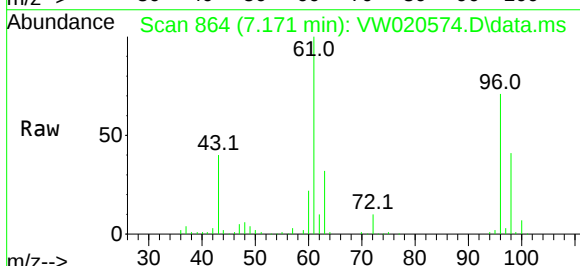
Tgt Ion: 96 Resp: 74409

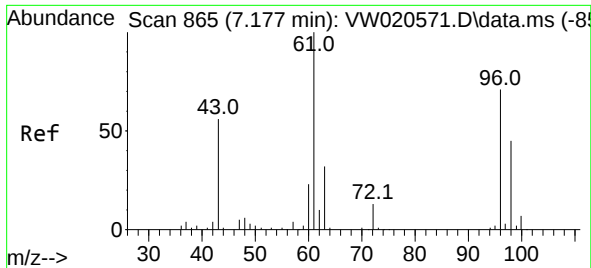
Ion Ratio Lower Upper

96 100

61 141.8 100.3 186.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 42.915 ug/L

RT: 7.171 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

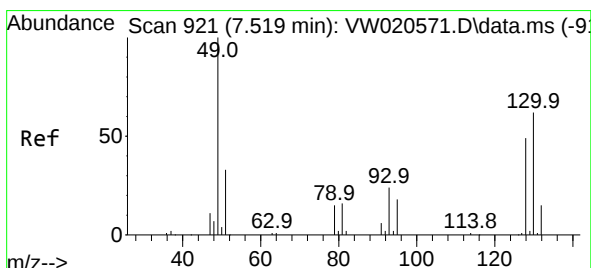
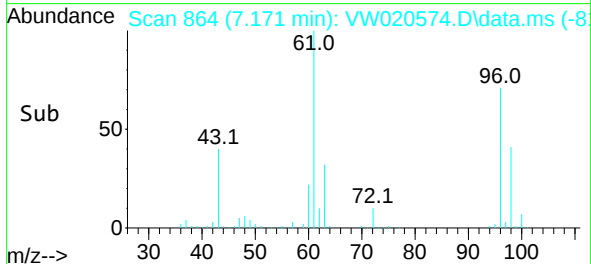
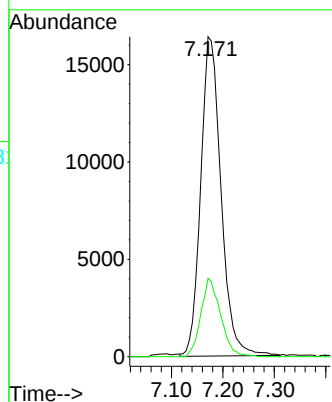
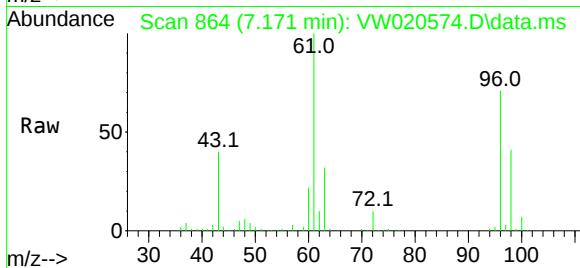
ClientSampleId :

Tgt Ion: 43 Resp: 45061

Ion Ratio Lower Upper

43 100

72 23.8 12.2 36.6



#23

Bromochloromethane

Concen: 22.999 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Tgt Ion: 128 Resp: 31910

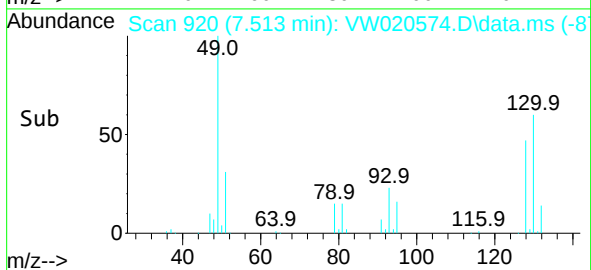
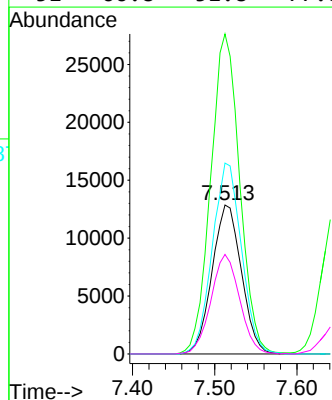
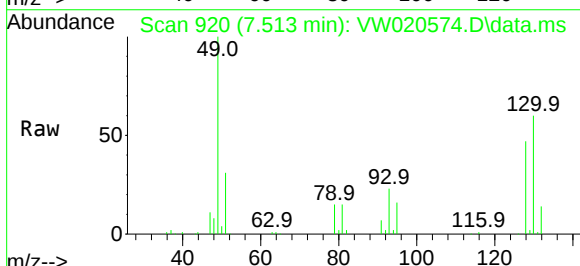
Ion Ratio Lower Upper

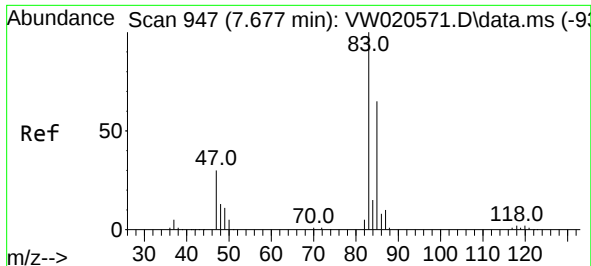
128 100

49 214.7 144.1 267.7

130 128.1 89.2 165.6

51 66.8 51.8 77.8

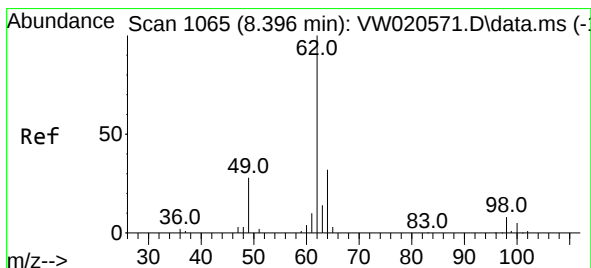
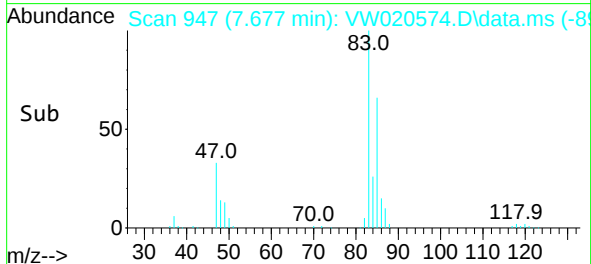
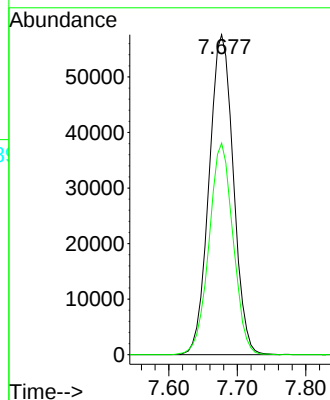
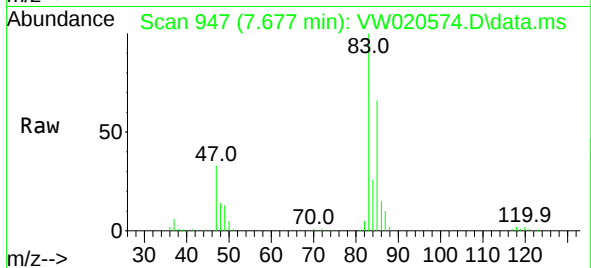




#25
Chloroform
Concen: 23.365 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

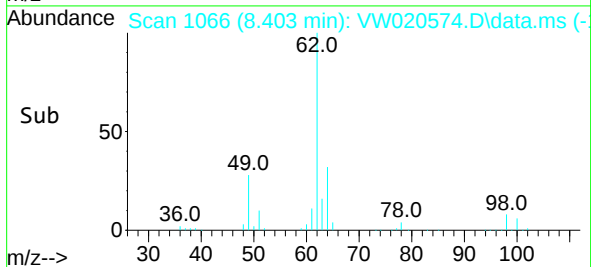
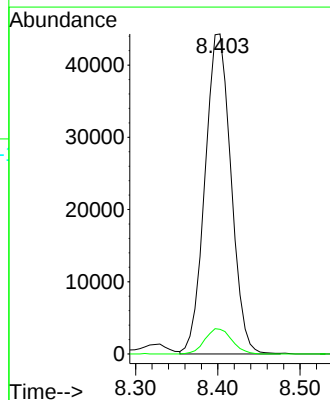
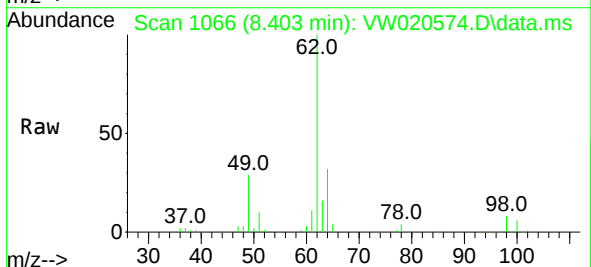
Instrument :
MSVOA_W
ClientSampleId :

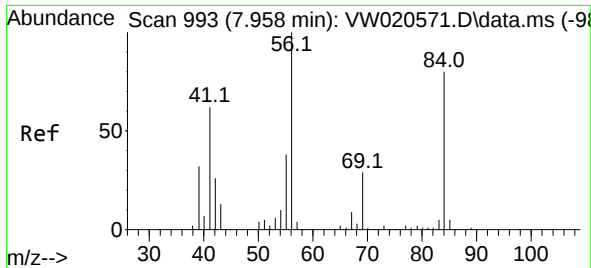
Tgt Ion: 83 Resp: 141718
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.520 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

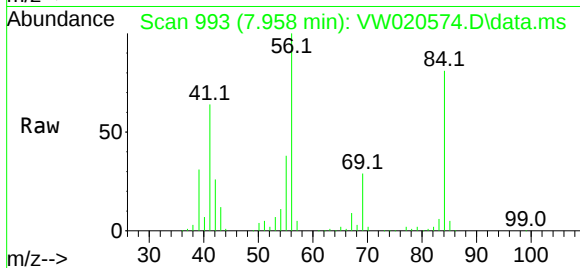
Tgt Ion: 62 Resp: 97575
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0



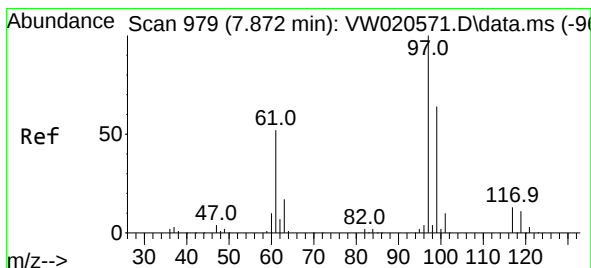
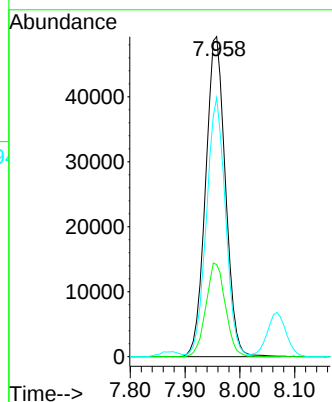
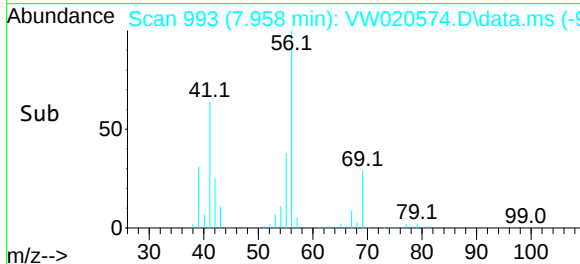


#29
Cyclohexane
Concen: 22.143 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampleId :

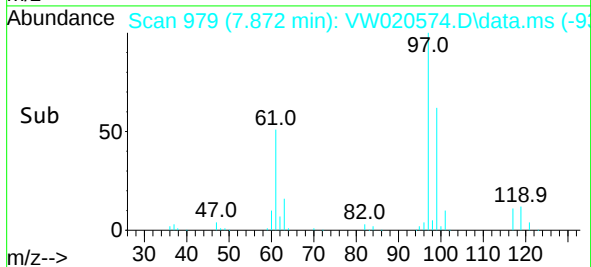
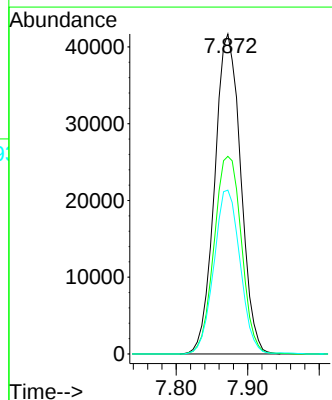
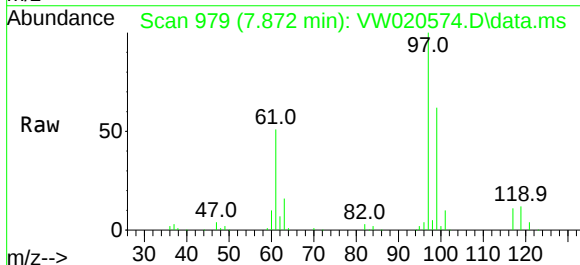


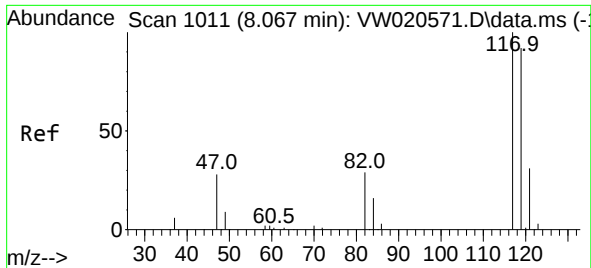
Tgt Ion:	56	Resp:	123383
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	76.7	63.7	95.5



#30
1,1,1-Trichloroethane
Concen: 22.336 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:	97	Resp:	105607
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	51.6	41.0	61.6

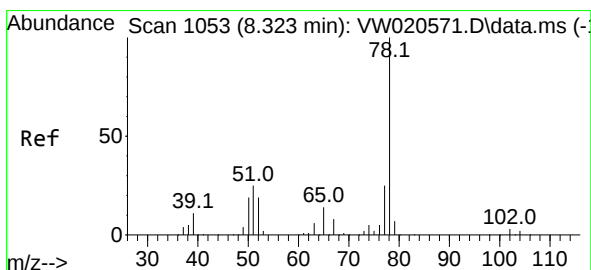
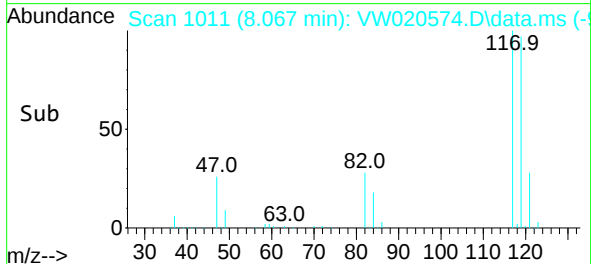
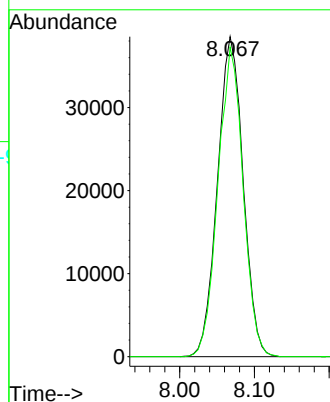
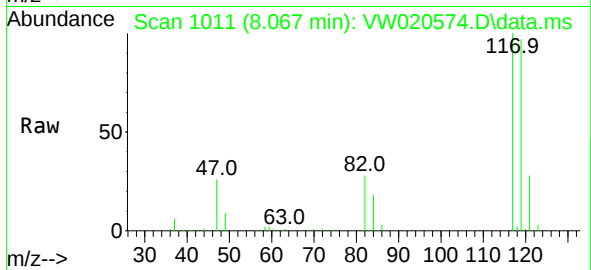




#31
Carbon tetrachloride
Concen: 22.166 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

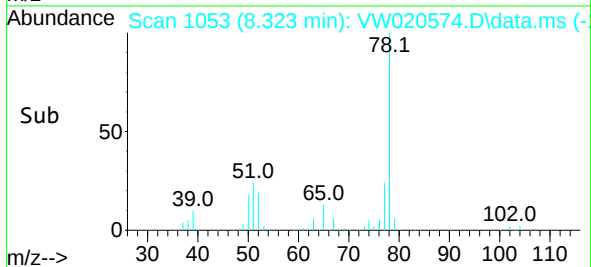
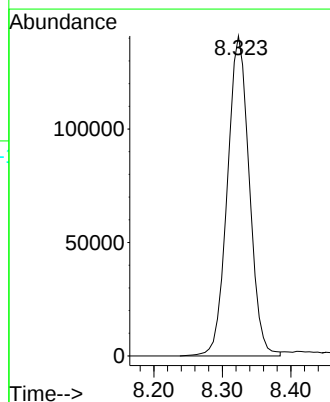
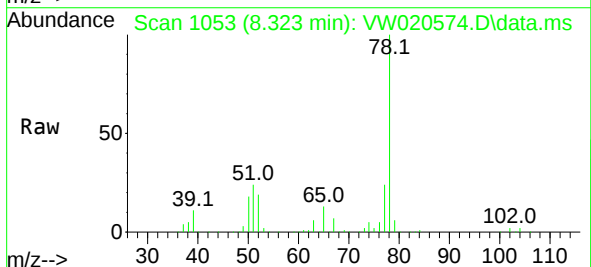
Instrument :
MSVOA_W
ClientSampleId :

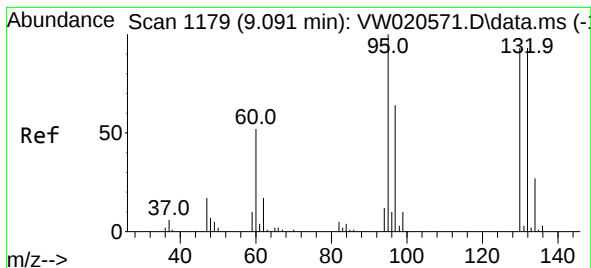
Tgt Ion:117 Resp: 92143
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.4



#33
Benzene
Concen: 23.093 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion: 78 Resp: 313040





#34

Trichloroethene

Concen: 21.707 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

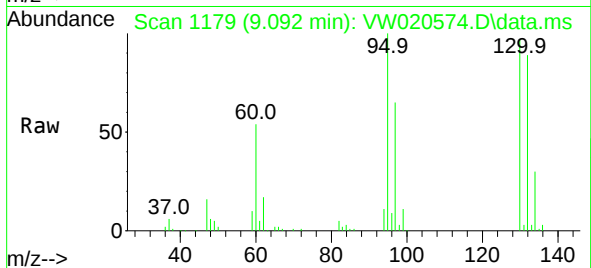
Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 72491

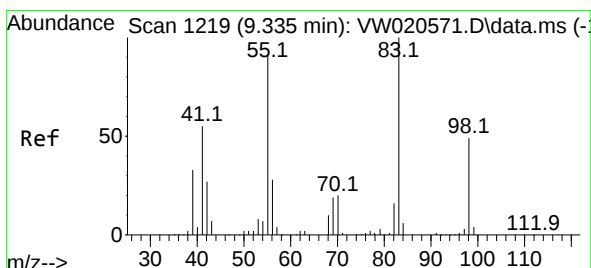
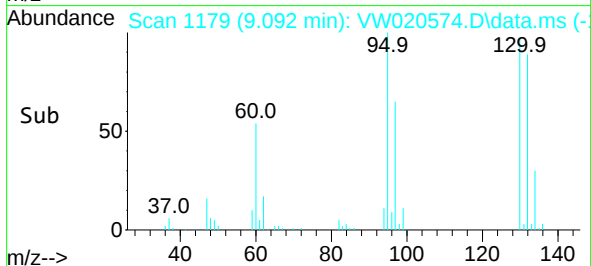
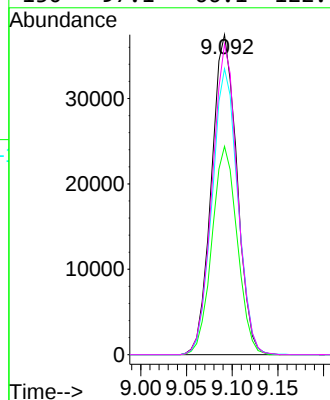
Ion Ratio Lower Upper

95 100

97 65.1 43.2 80.2

132 89.3 62.3 115.7

130 97.1 66.1 122.7



#35

Methylcyclohexane

Concen: 21.097 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

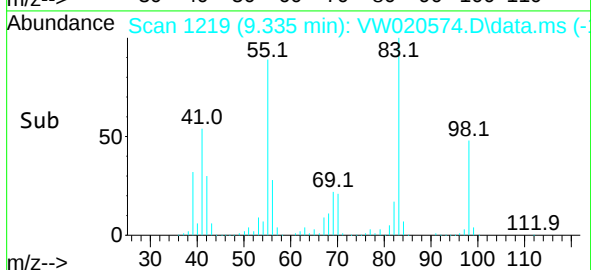
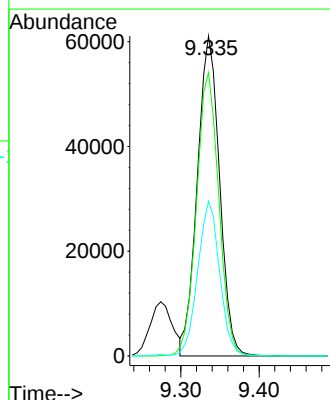
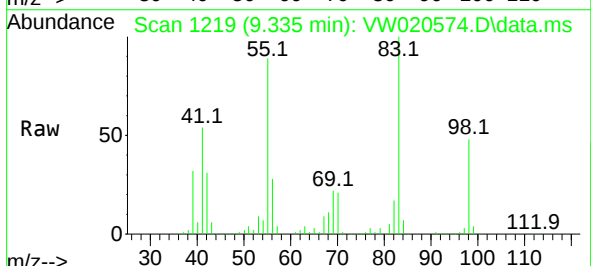
Tgt Ion: 83 Resp: 120572

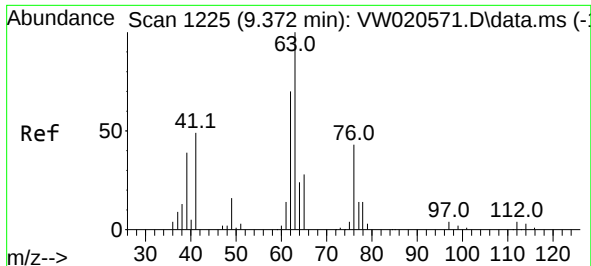
Ion Ratio Lower Upper

83 100

55 88.8 69.7 104.5

98 47.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 23.333 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

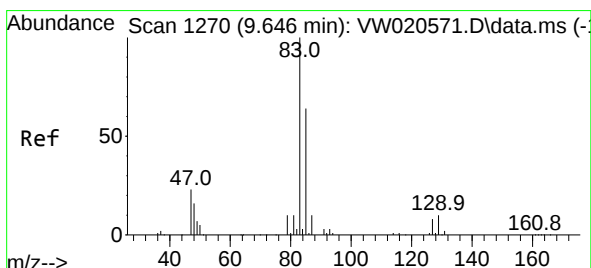
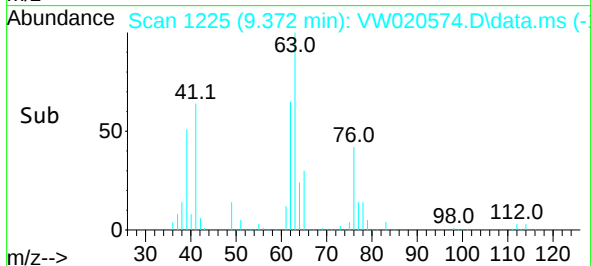
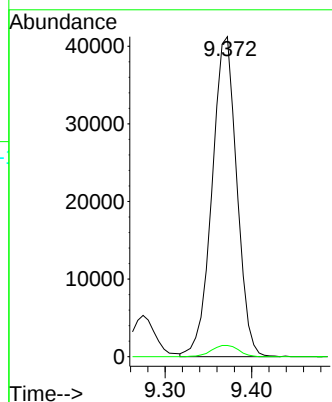
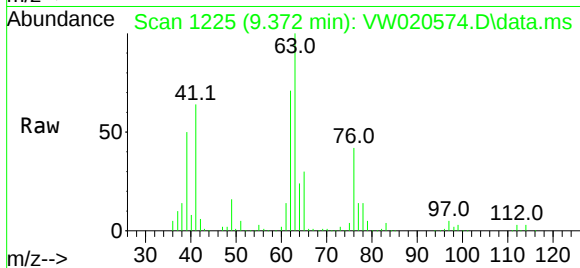
ClientSampleId :

Tgt Ion: 63 Resp: 81908

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 23.821 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

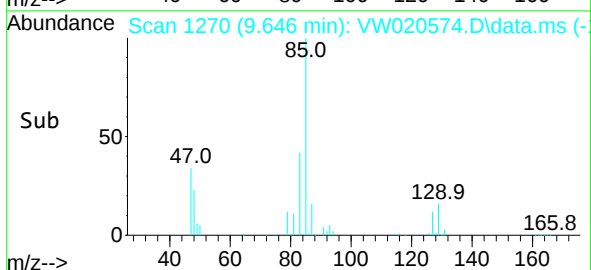
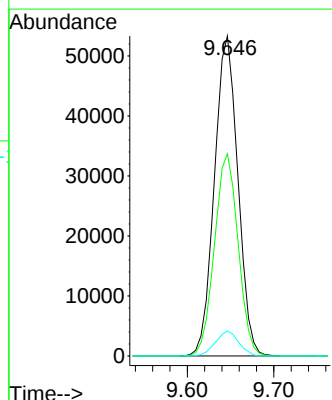
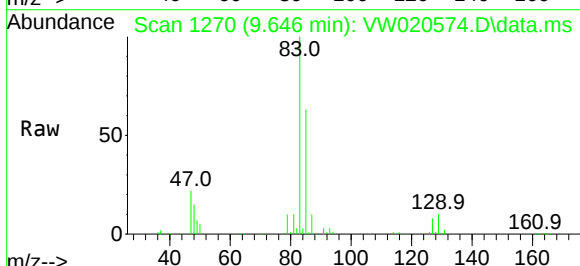
Tgt Ion: 83 Resp: 100261

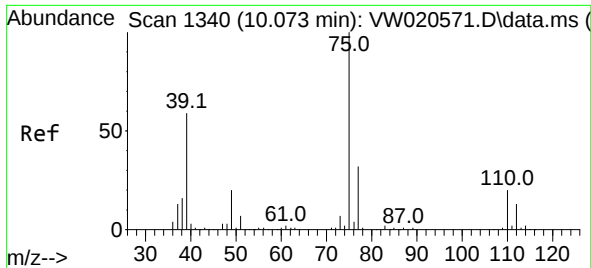
Ion Ratio Lower Upper

83 100

85 63.2 43.4 80.6

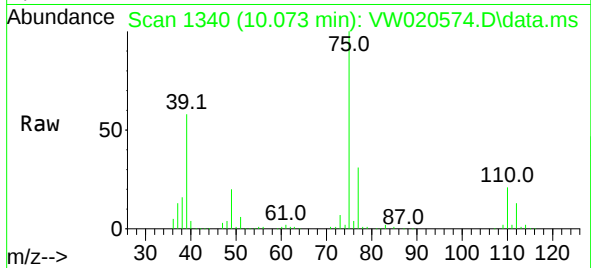
127 7.8 6.2 9.2



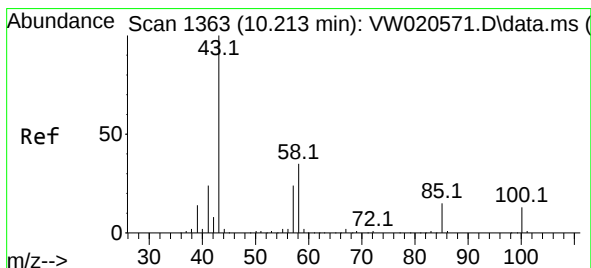
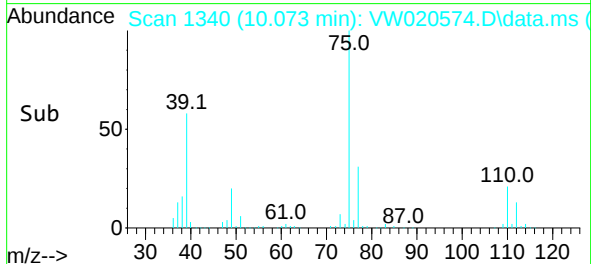
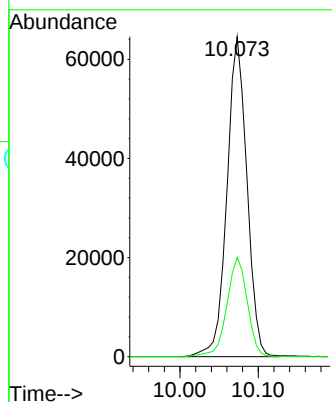


#39
 cis-1,3-Dichloropropene
 Concen: 23.598 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

Instrument :
 MSVOA_W
 ClientSampleId :

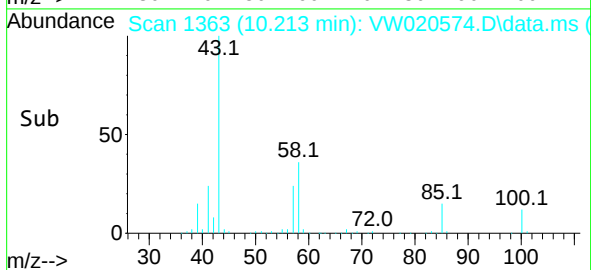
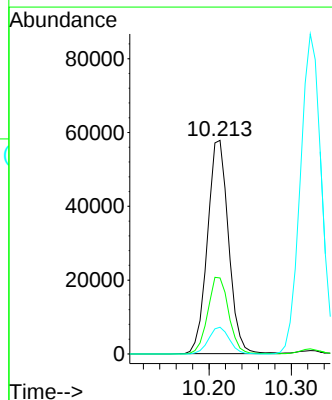
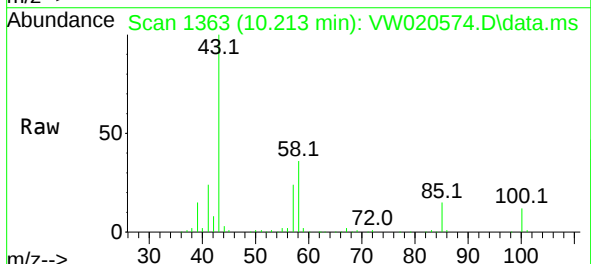


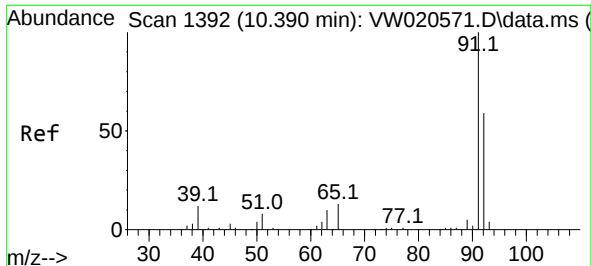
Tgt Ion: 75 Resp: 114296
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 48.765 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.000 min
 Lab File: VW020574.D
 Acq: 18 Oct 2021 20:35

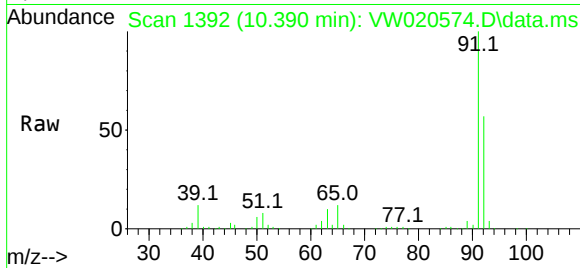
Tgt Ion: 43 Resp: 102748
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.0 43.4
 100 12.3 10.2 15.4



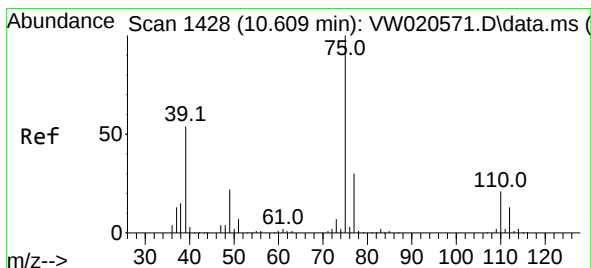
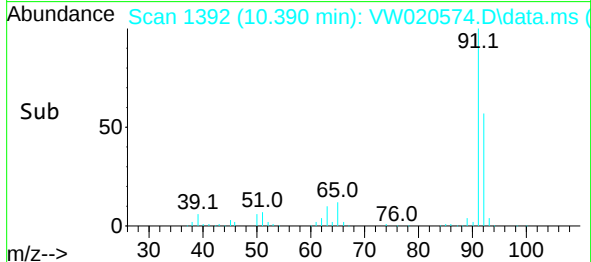
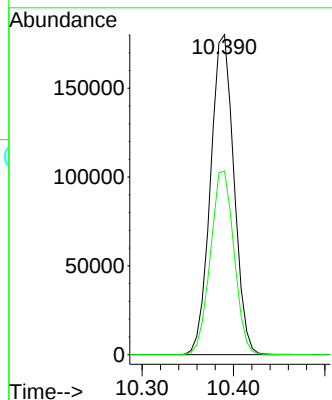


#42
Toluene
Concen: 23.604 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampleId :

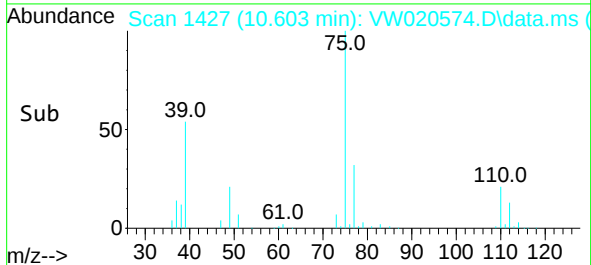
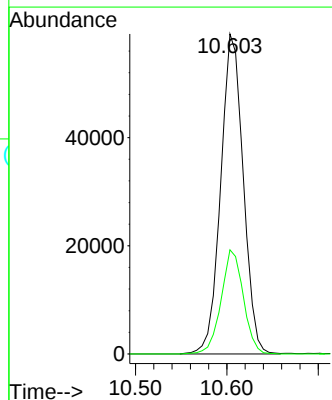
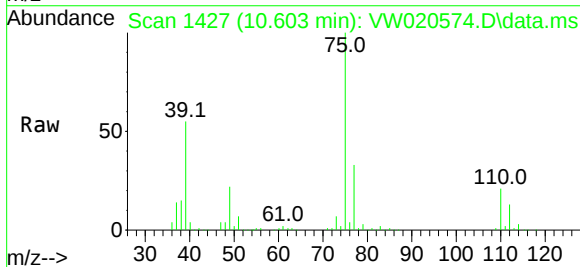


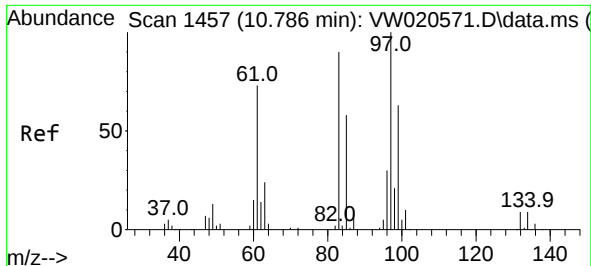
Tgt Ion: 91 Resp: 320946
Ion Ratio Lower Upper
91 100
92 57.4 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 23.753 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion: 75 Resp: 101418
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



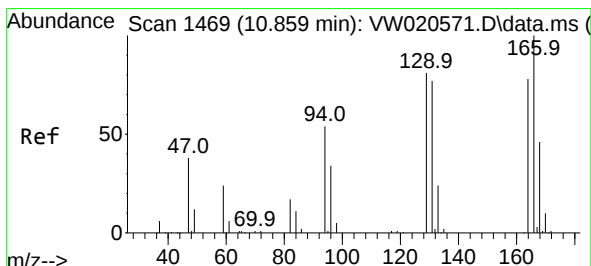
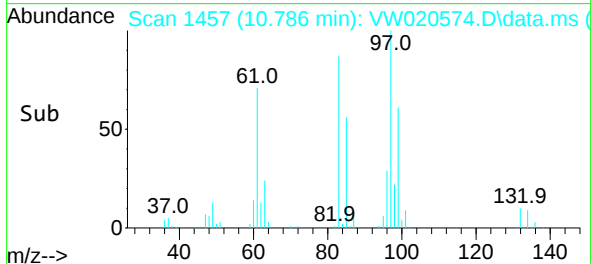
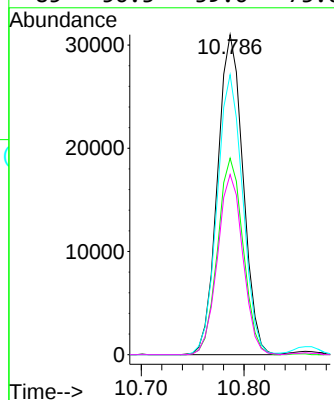
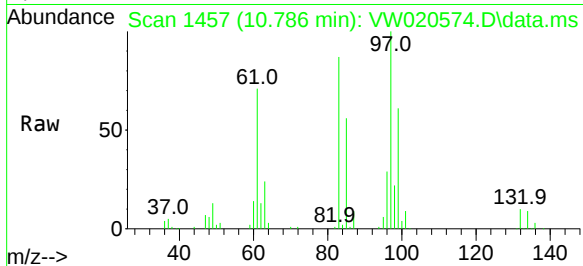


#45
1,1,2-Trichloroethane
Concen: 23.756 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 53544

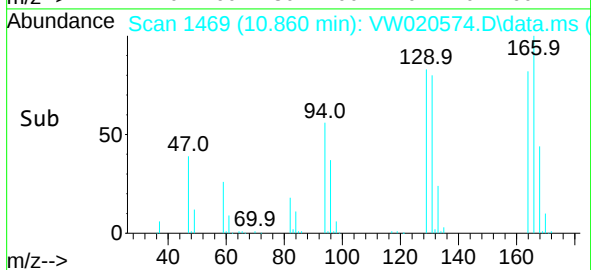
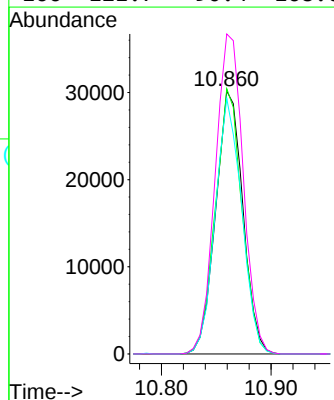
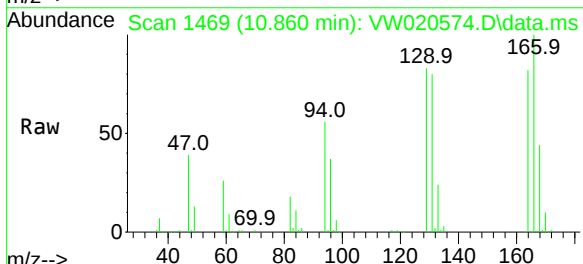
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.8	79.4
83	87.5	60.9	113.1
85	56.3	39.6	73.6

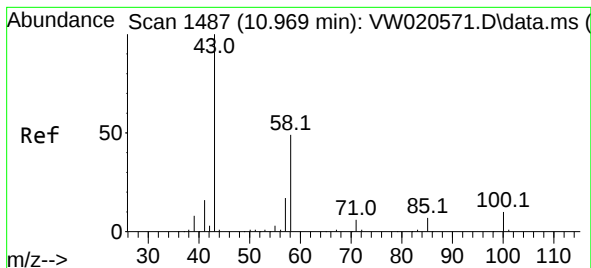


#46
Tetrachloroethene
Concen: 21.669 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion: 164 Resp: 51978

Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.1	128.3
131	97.2	58.3	108.3
166	121.7	90.4	168.0

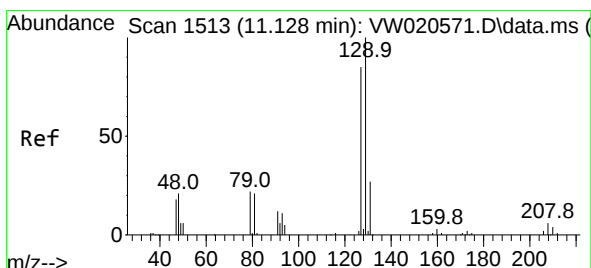
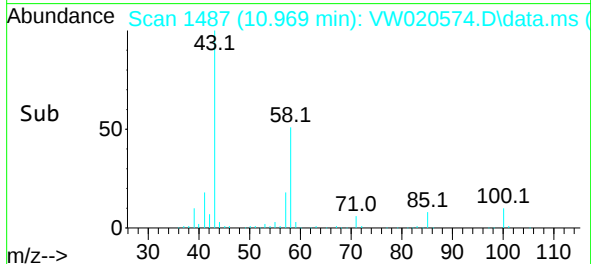
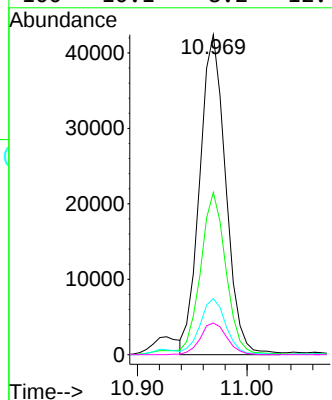
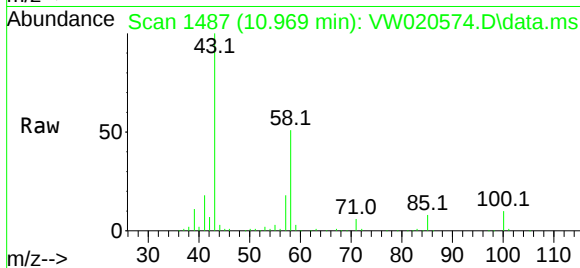




#48
2-Hexanone
Concen: 45.236 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

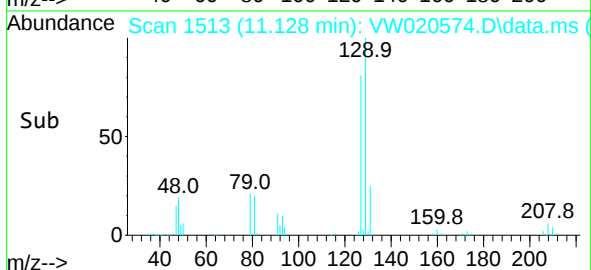
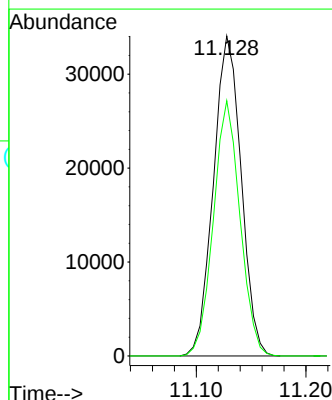
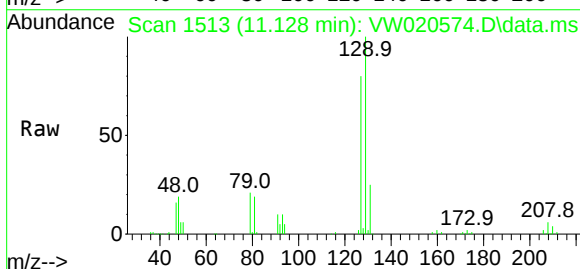
Instrument :
MSVOA_W
ClientSampleId :

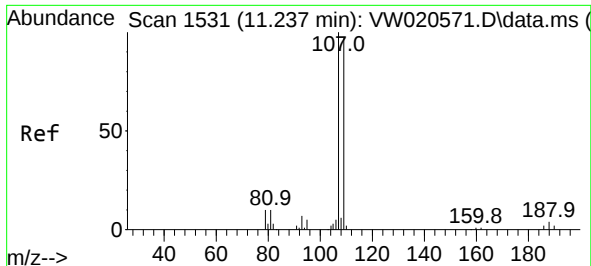
Tgt Ion:	43	Resp:	69929
Ion	Ratio	Lower	Upper
43	100		
58	49.4	39.5	59.3
57	17.5	14.2	21.4
100	10.1	8.2	12.4



#49
Dibromochloromethane
Concen: 24.148 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:	129	Resp:	59963
Ion	Ratio	Lower	Upper
129	100		
127	79.7	55.1	102.3





#50

1,2-Dibromoethane

Concen: 22.628 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020574.D

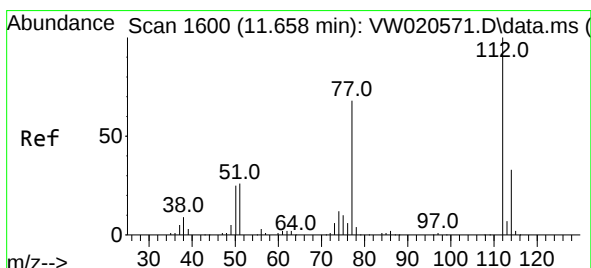
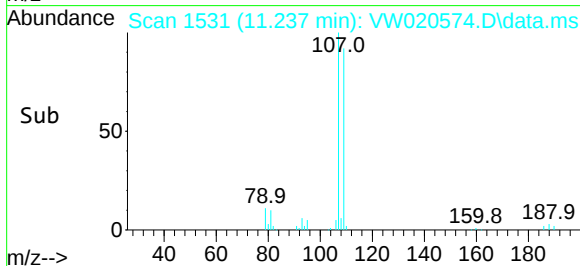
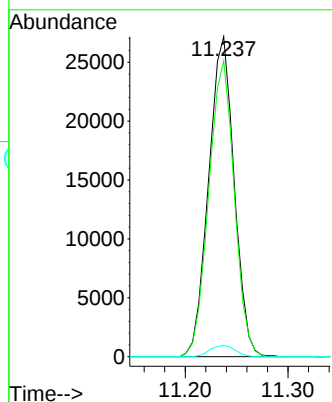
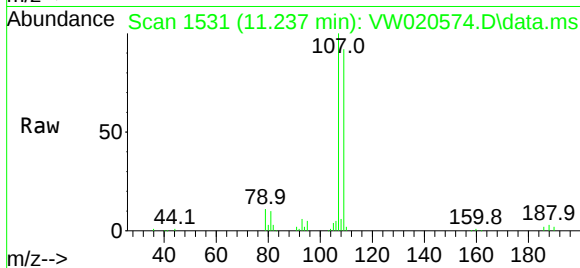
Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	46847
Ion Ratio	Lower	Upper
107	100	
109	92.5	64.5 119.9
188	3.5	3.2 4.8



#51

Chlorobenzene

Concen: 22.914 ug/L

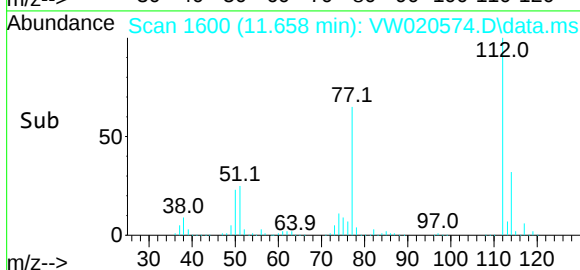
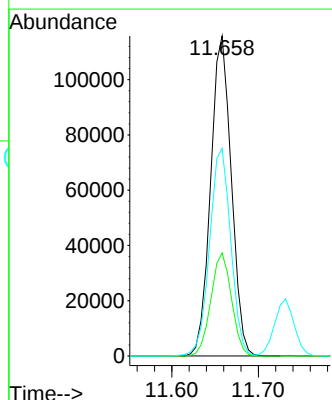
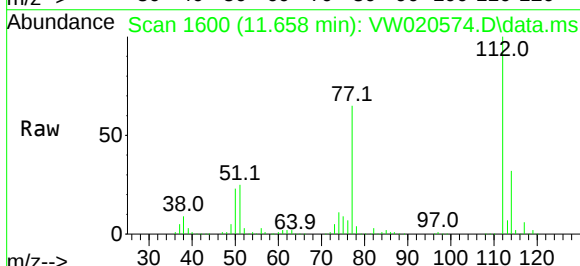
RT: 11.658 min Scan# 1600

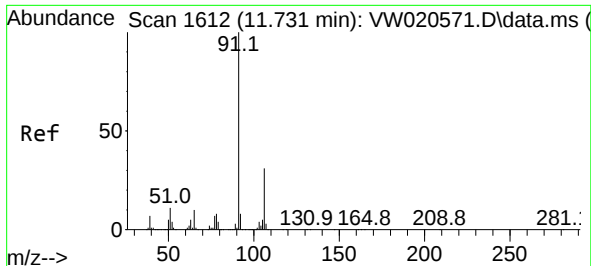
Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Tgt Ion:112	Resp:	192124
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.3 41.5
77	64.9	50.7 76.1

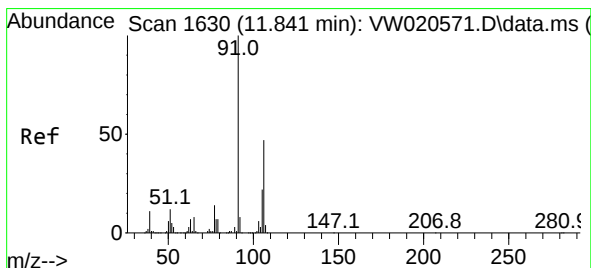
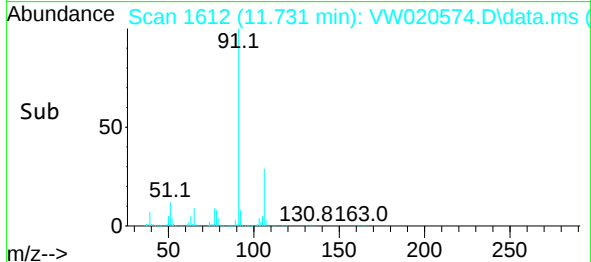
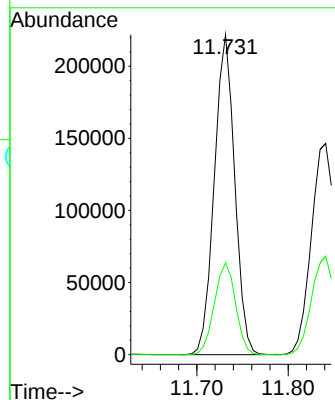
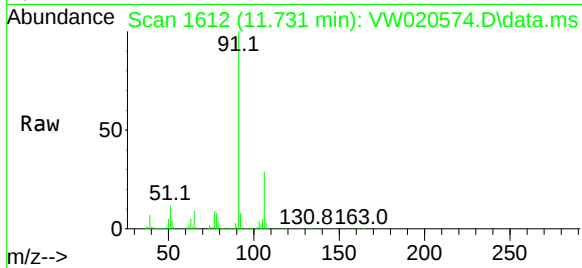




#52
Ethylbenzene
Concen: 23.284 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

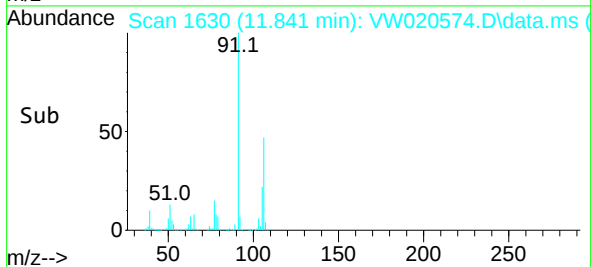
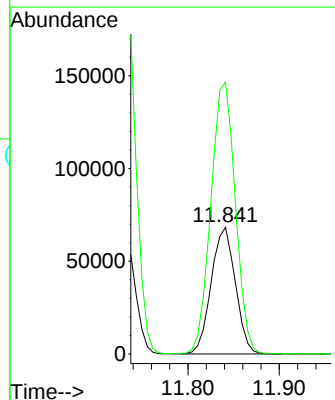
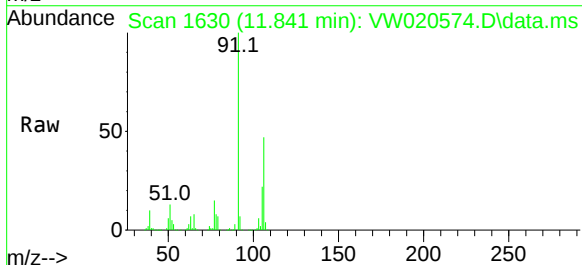
Instrument :
MSVOA_W
ClientSampleId :

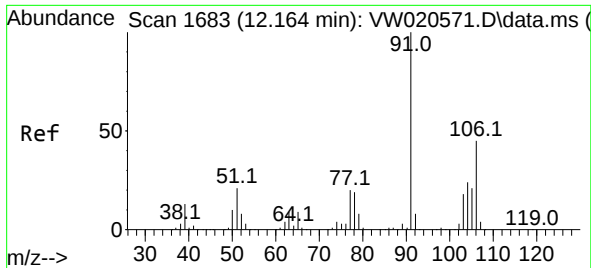
Tgt Ion: 91 Resp: 343318
Ion Ratio Lower Upper
91 100
106 28.7 21.3 39.5



#53
m,p-Xylene
Concen: 22.943 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:106 Resp: 125339
Ion Ratio Lower Upper
106 100
91 214.5 148.2 275.2

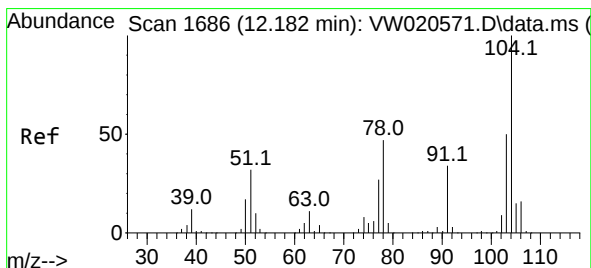
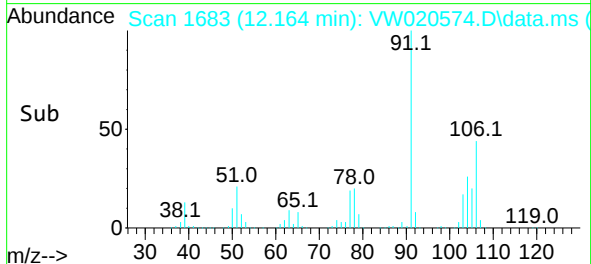
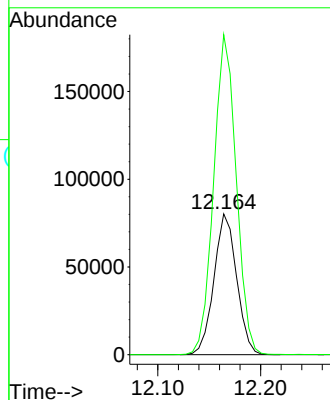
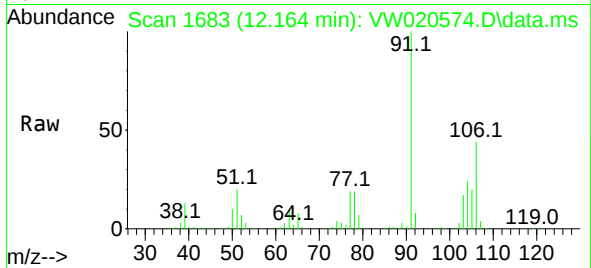




#54
o-Xylene
Concen: 24.369 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

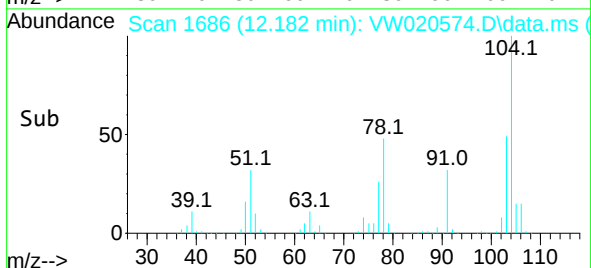
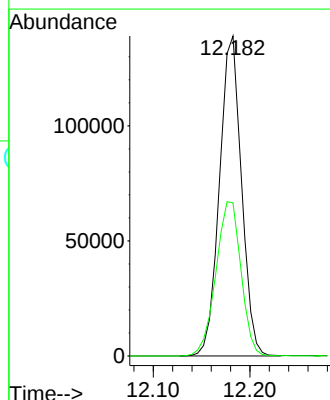
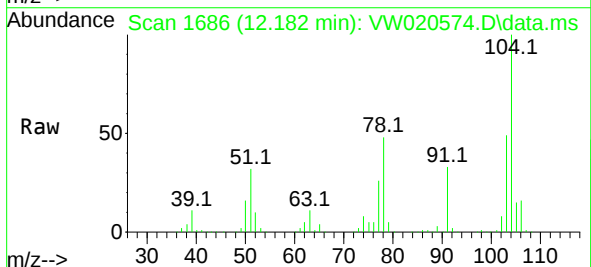
Instrument :
MSVOA_W
ClientSampleId :

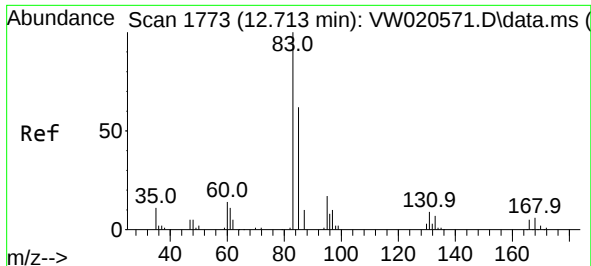
Tgt Ion:106 Resp: 122950
Ion Ratio Lower Upper
106 100
91 227.3 156.1 289.9



#55
Styrene
Concen: 24.861 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:104 Resp: 219313
Ion Ratio Lower Upper
104 100
78 47.9 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.672 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020574.D

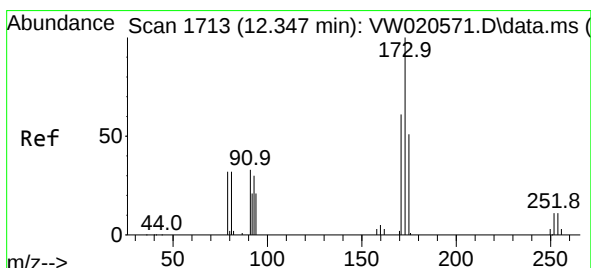
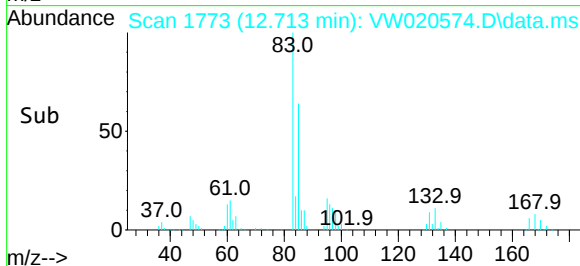
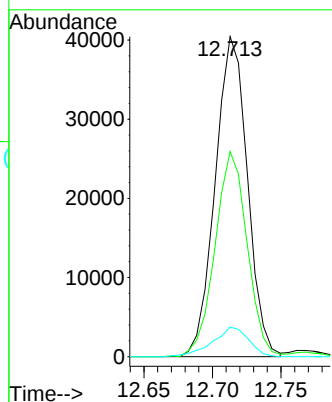
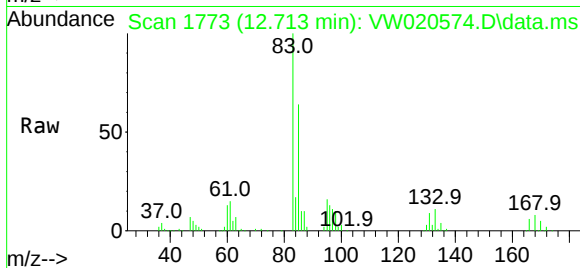
Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 66145
Ion Ratio	Lower Upper
83 100	
85 64.1	45.9 85.3
131 9.3	7.4 11.2



#59

Bromoform

Concen: 22.479 ug/L

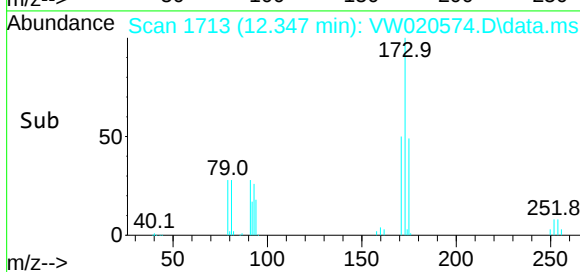
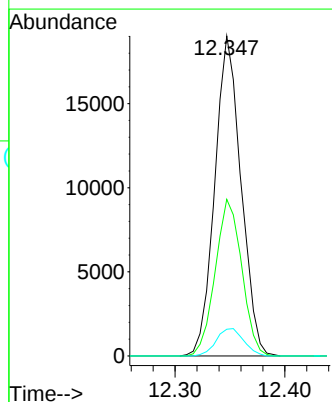
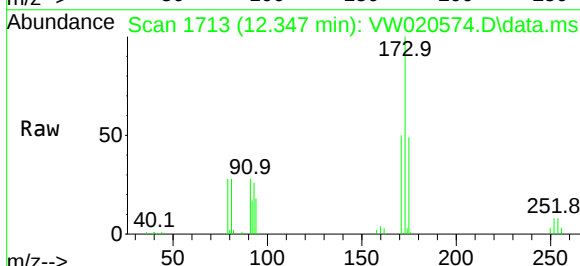
RT: 12.347 min Scan# 1713

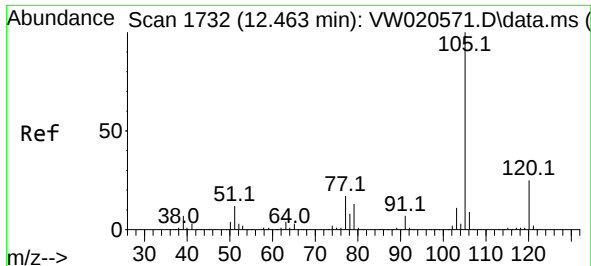
Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Tgt Ion: 173	Resp: 31586
Ion Ratio	Lower Upper
173 100	
175 49.4	38.6 57.8
254 9.0	7.3 10.9

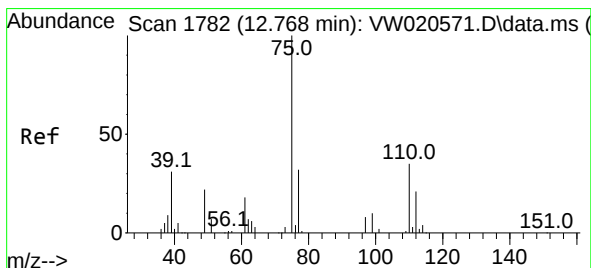
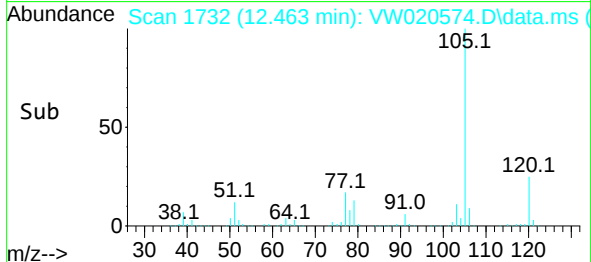
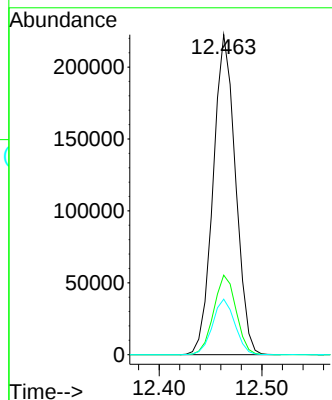
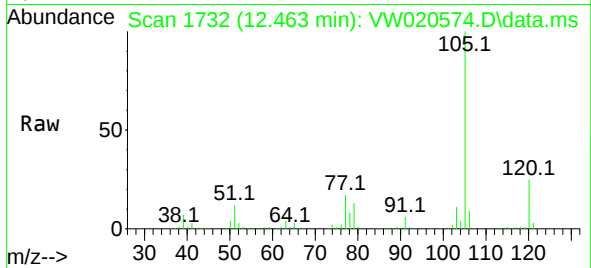




#60
Isopropylbenzene
Concen: 22.849 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

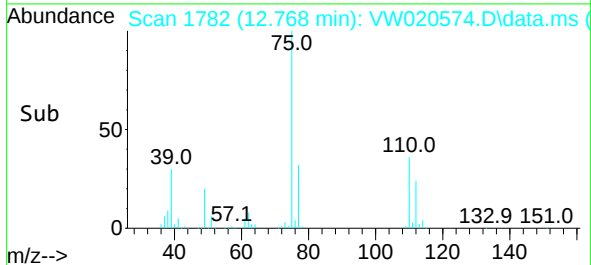
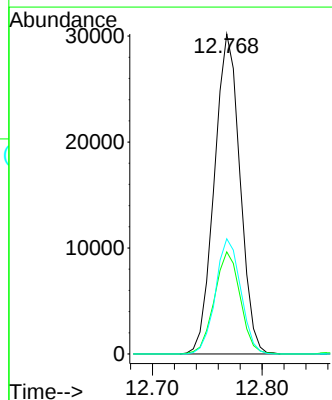
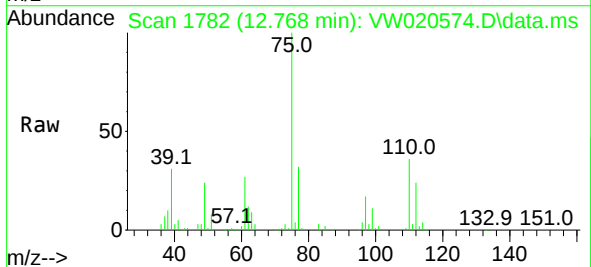
Instrument :
MSVOA_W
ClientSampleId :

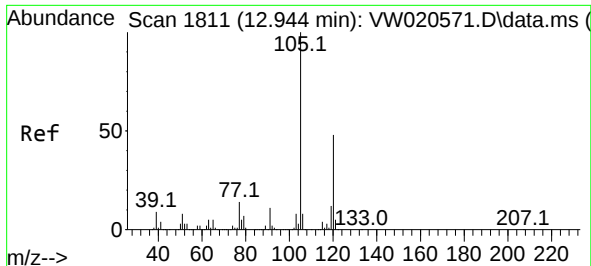
Tgt Ion:105 Resp: 336383
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5
77 17.3 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 22.195 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion: 75 Resp: 49044
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 35.4 29.4 44.0

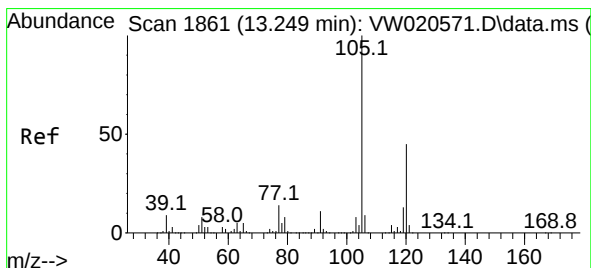
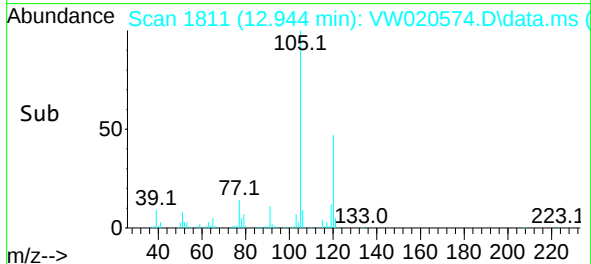
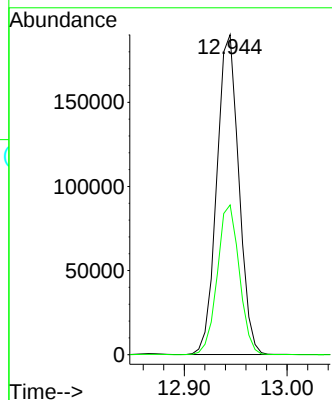
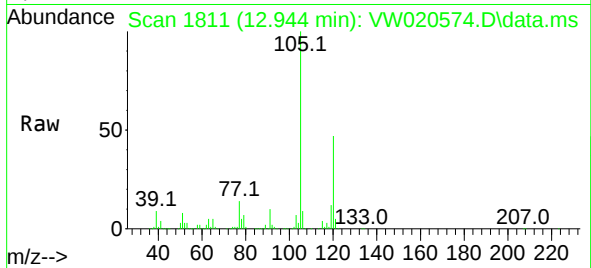




#62
1,3,5-Trimethylbenzene
Concen: 23.536 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

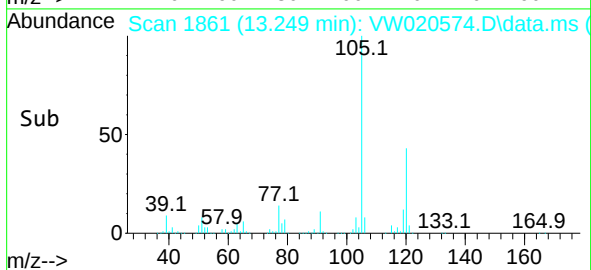
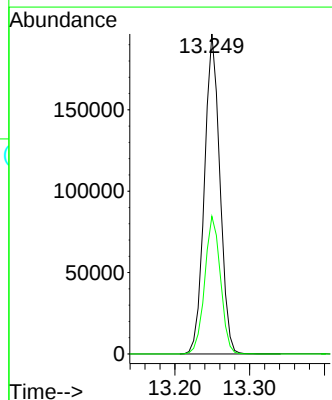
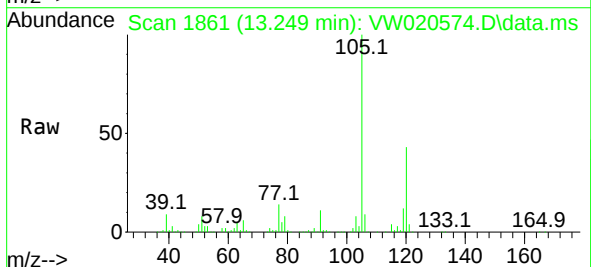
Instrument :
MSVOA_W
ClientSampleId :

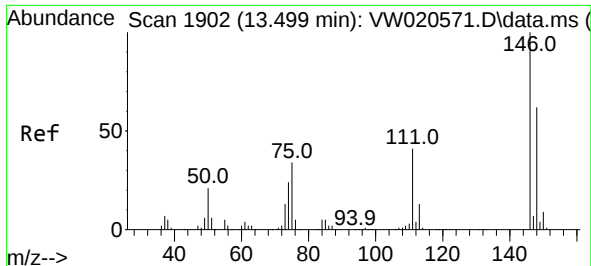
Tgt Ion:105 Resp: 282895
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 23.686 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:105 Resp: 282010
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2

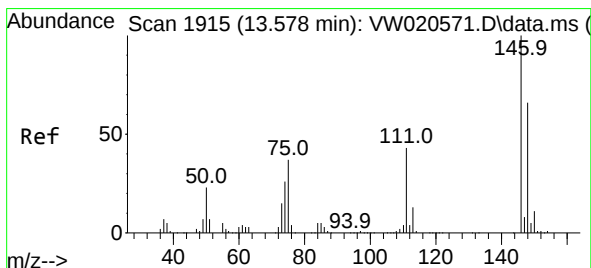
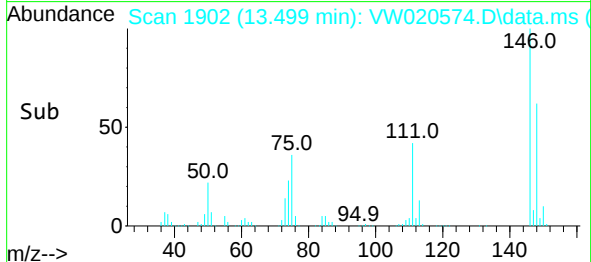
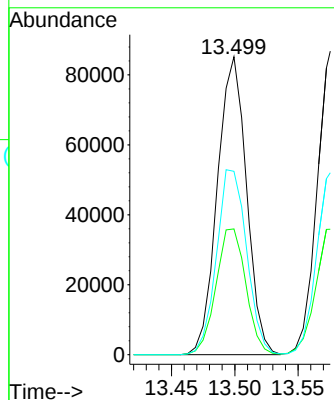
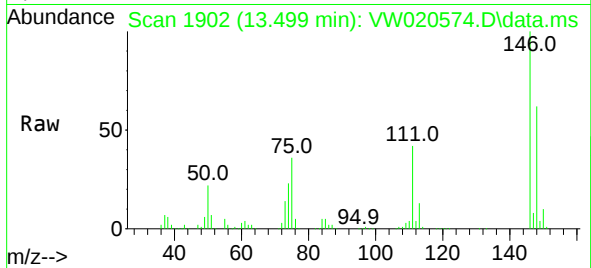




#64
1,3-Dichlorobenzene
Concen: 21.452 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

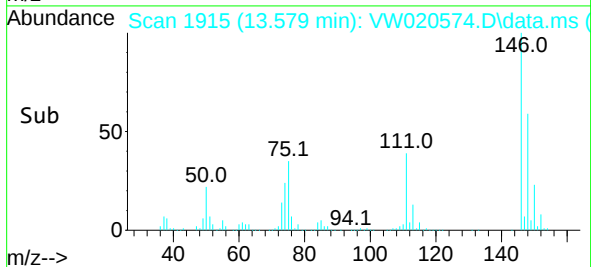
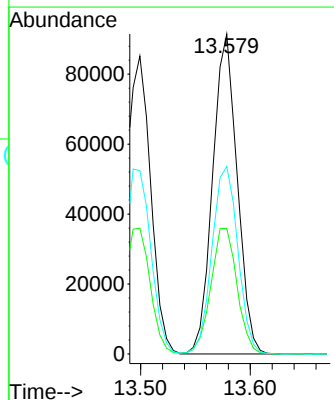
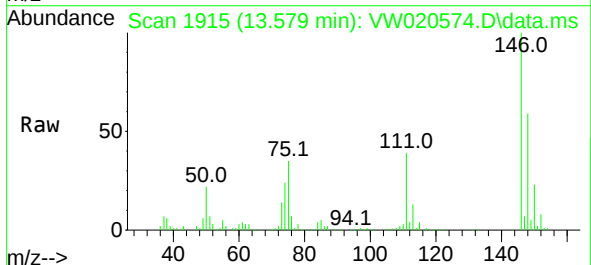
Instrument :
MSVOA_W
ClientSampleId :

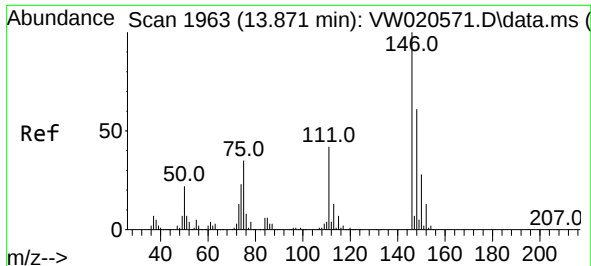
Tgt Ion:146 Resp: 136646
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.8
148 61.6 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 21.630 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:146 Resp: 142513
Ion Ratio Lower Upper
146 100
111 39.2 30.9 57.5
148 58.6 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 22.624 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :

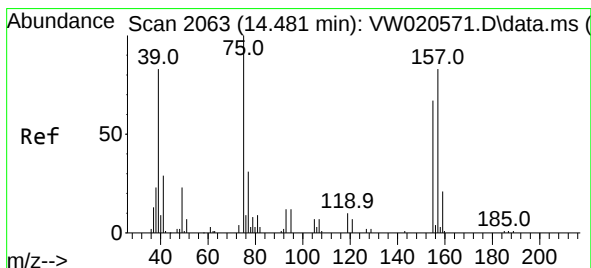
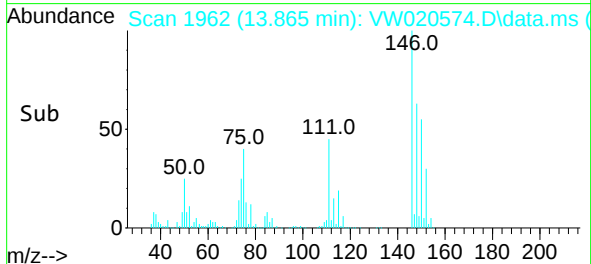
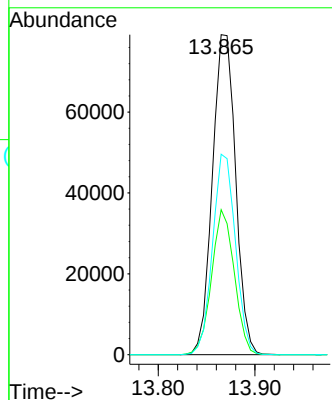
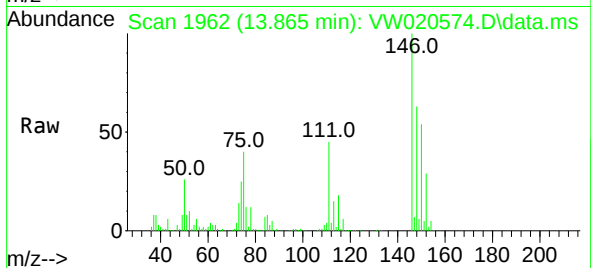
Tgt Ion:146 Resp: 132028

Ion Ratio Lower Upper

146 100

111 45.3 33.9 50.9

148 62.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.067 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

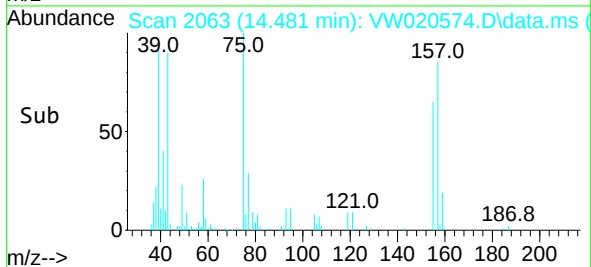
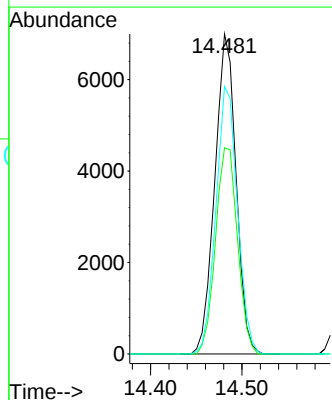
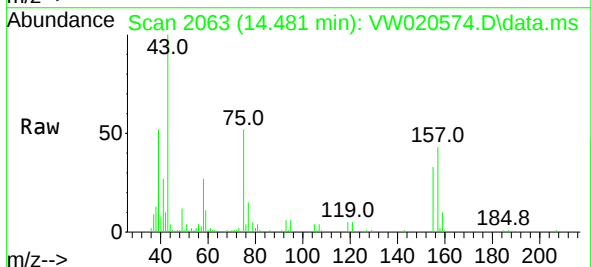
Tgt Ion: 75 Resp: 11296

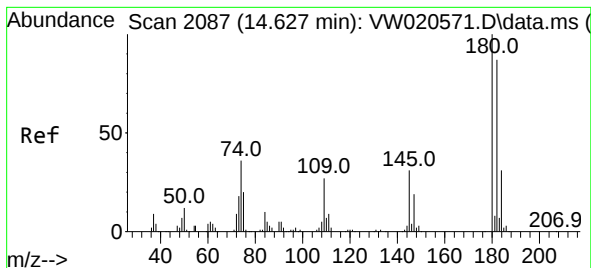
Ion Ratio Lower Upper

75 100

155 64.4 51.4 77.0

157 83.6 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 21.137 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

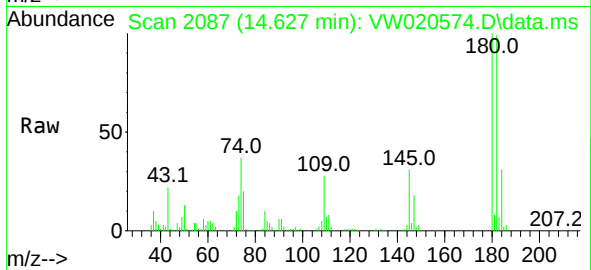
Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 96008

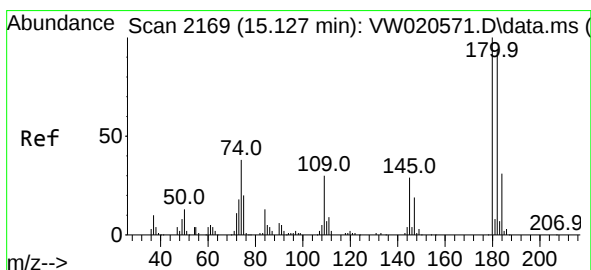
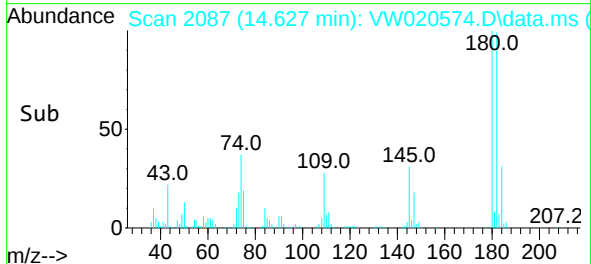
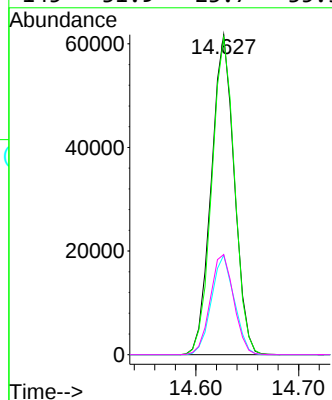
Ion Ratio Lower Upper

180 100

182 97.8 73.4 110.0

184 30.7 24.2 36.4

145 31.9 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 21.692 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020574.D

Acq: 18 Oct 2021 20:35

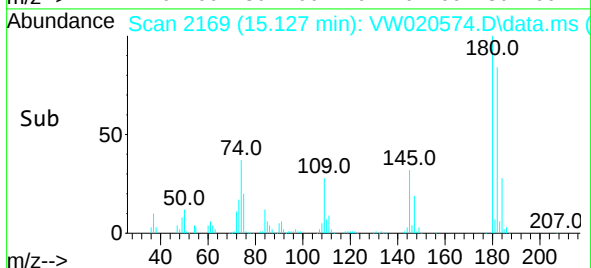
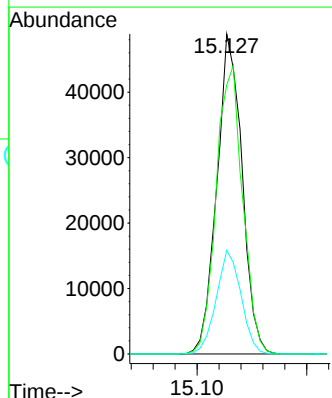
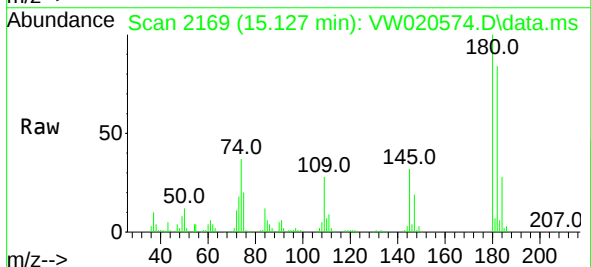
Tgt Ion:180 Resp: 78015

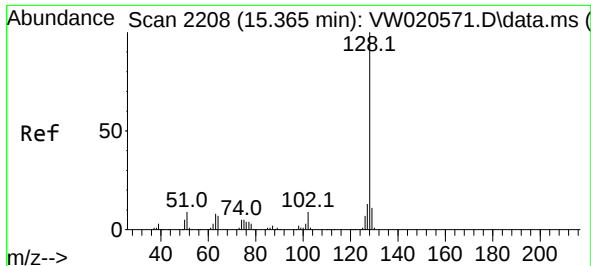
Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

145 31.9 24.8 37.2

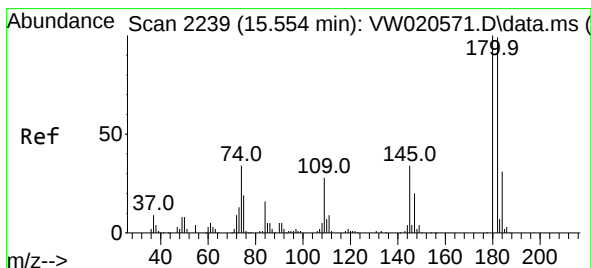
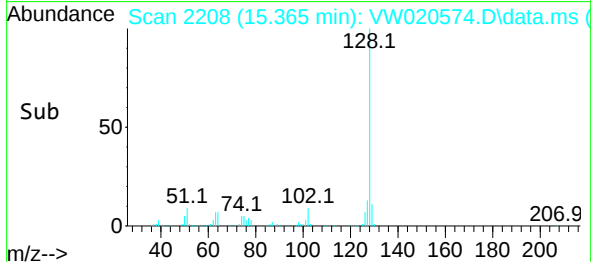
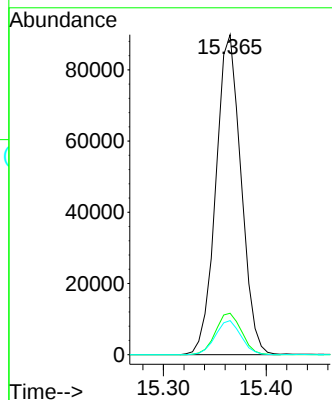
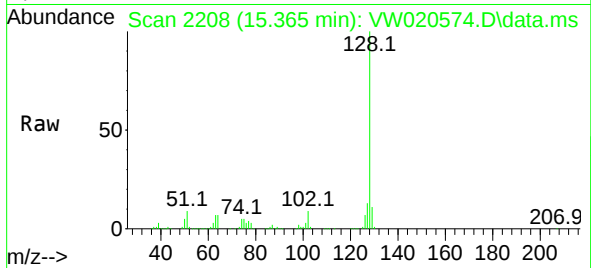




#71
Naphthalene
Concen: 23.655 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 152961
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.511 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020574.D
Acq: 18 Oct 2021 20:35

Tgt Ion:180 Resp: 71108
Ion Ratio Lower Upper
180 100
182 93.8 74.8 112.2
145 32.2 26.2 39.4

