

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021521.D
 Acq On : 21 Dec 2021 13:04
 Operator : SY/VA
 Sample : M5125-10MS
 Misc : 9.35g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MS

Quant Time: Dec 22 01:19:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103475	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	90638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36500	19.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.885	69	26481	21.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.040%
11) 1,1-Dichloroethene-d2	4.019	63	63613	25.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.280%
21) 2-Butanone-d5	7.080	46	22934	86.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.660%#
24) Chloroform-d	7.653	84	77897	27.014	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.305	65	45481	29.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	8.275	84	136599	27.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.960%
36) 1,2-Dichloropropane-d6	9.274	67	40843	30.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.600%#
41) Toluene-d8	10.323	98	127449	25.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.579	79	18167	29.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.440%
47) 2-Hexanone-d5	10.927	63	17965	91.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.360%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36604	31.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	32612	21.169	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	6639	16.606	ug/L	90
3) Chloromethane	2.221	50	26686	20.161	ug/L	96
5) Vinyl chloride	2.361	62	41757	20.096	ug/L	94
6) Bromomethane	2.782	94	23437	17.389	ug/L	96
8) Chloroethane	2.922	64	20357	21.266	ug/L	98
9) Trichlorofluoromethane	3.257	101	27996	25.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	35505	24.849	ug/L	92
12) 1,1-Dichloroethene	4.044	96	31535	24.587	ug/L	86
13) Acetone	4.123	43	31651	132.907	ug/L	96
14) Carbon disulfide	4.379	76	64966	19.614	ug/L	97
15) Methyl Acetate	4.678	43	13501	32.857	ug/L	# 89
16) Methylene chloride	4.922	84	45411	26.560	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	33026	23.781	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	65585	34.194	ug/L	95
19) 1,1-Dichloroethane	6.220	63	58304	26.754	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	38438	26.241	ug/L	82
22) 2-Butanone	7.171	43	28864	92.810	ug/L	87
23) Bromochloromethane	7.513	128	18831	27.494	ug/L	# 69
25) Chloroform	7.677	83	65893	26.047	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

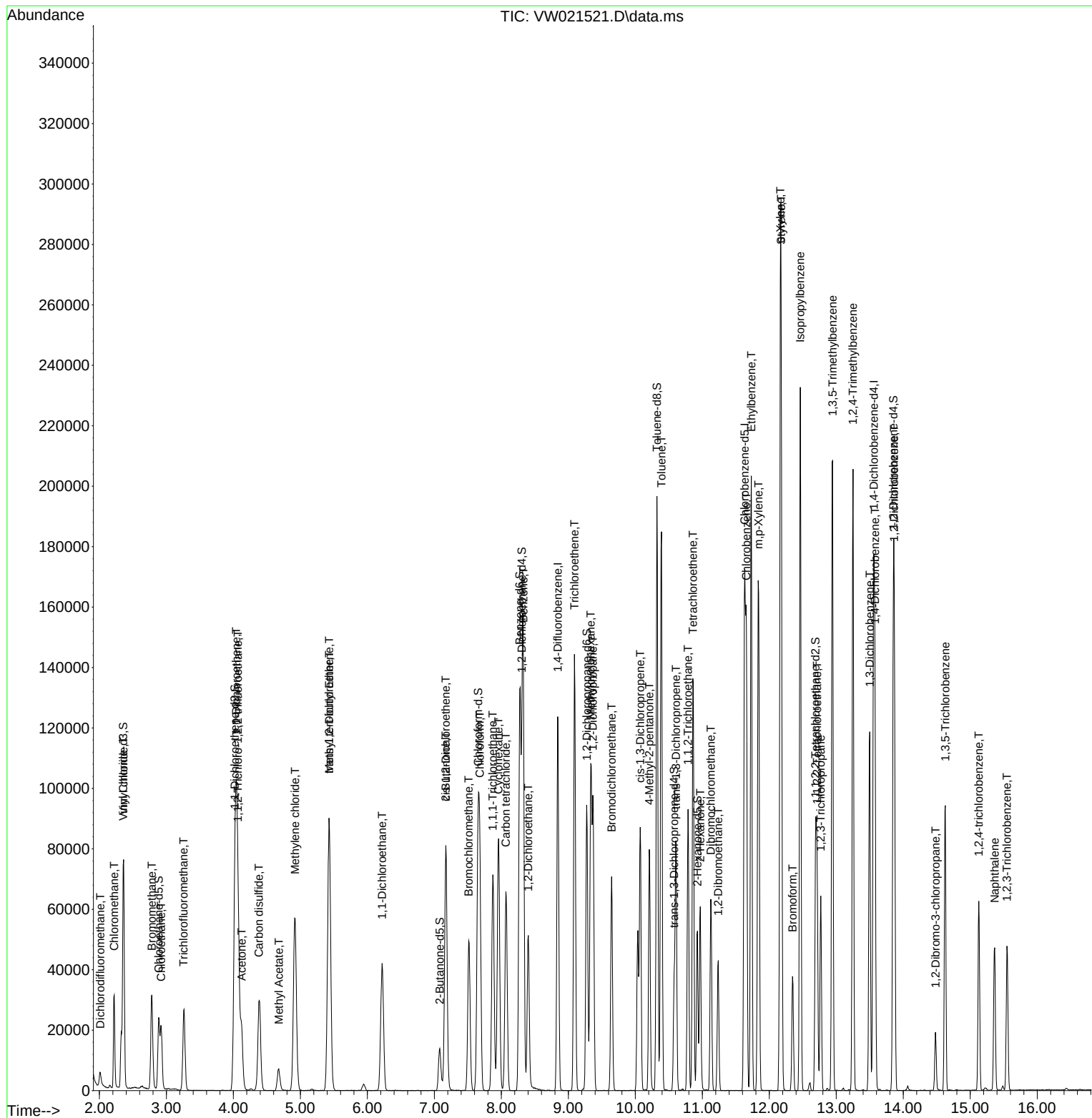
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	46577	29.074	ug/L	100
29) Cyclohexane	7.958	56	44812	24.839	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	57151	28.103	ug/L	95
31) Carbon tetrachloride	8.067	117	50819	27.089	ug/L	98
33) Benzene	8.330	78	129025	26.131	ug/L	100
34) Trichloroethene	9.092	95	47230	34.076	ug/L	95
35) Methylcyclohexane	9.335	83	45452	19.880	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	31685	28.769	ug/L #	97
38) Bromodichloromethane	9.646	83	45089	29.776	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	48735	28.071	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	49177	81.948	ug/L #	90
42) Toluene	10.390	91	136883	23.704	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	43112	28.351	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	28437	31.547	ug/L	95
46) Tetrachloroethene	10.860	164	31498	23.922	ug/L	93
48) 2-Hexanone	10.969	43	36339	83.503	ug/L #	92
49) Dibromochloromethane	11.128	129	33510	30.155	ug/L	94
50) 1,2-Dibromoethane	11.238	107	28039	31.256	ug/L	100
51) Chlorobenzene	11.658	112	81576	21.100	ug/L	90
52) Ethylbenzene	11.731	91	142968	21.665	ug/L	97
53) m,p-Xylene	11.841	106	56891	21.371	ug/L	85
54) o-Xylene	12.164	106	55075	21.799	ug/L	97
55) Styrene	12.176	104	82714	19.237	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31369	30.357	ug/L #	93
59) Bromoform	12.347	173	18042	38.146	ug/L	96
60) Isopropylbenzene	12.463	105	146429	27.110	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	24462	42.283	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.945	105	116157	25.272	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	112173	24.740	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	50485	19.816	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	51975	20.533	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	46739	20.838	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4492	37.643	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	29644	15.568	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	20802	13.582	ug/L	96
71) Naphthalene	15.365	128	43897	17.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	16358	12.923	ug/L	98

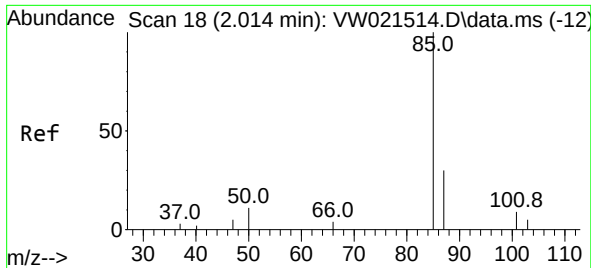
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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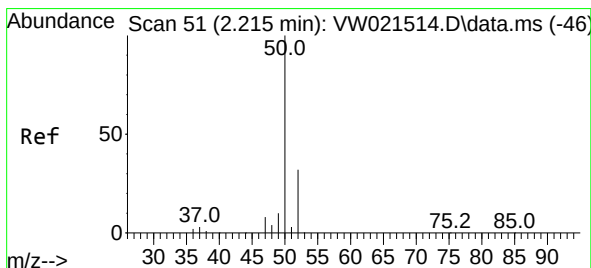
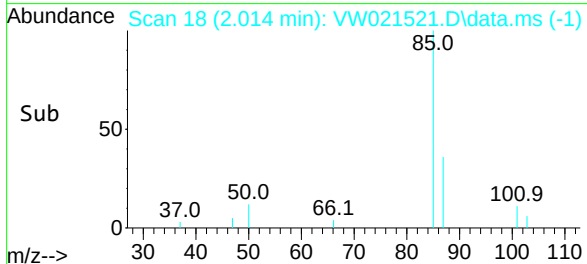
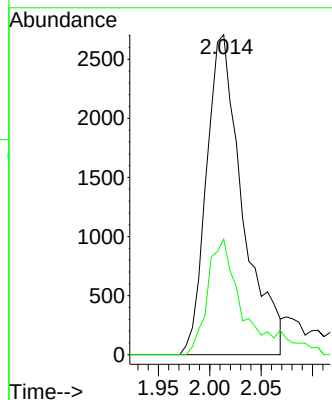
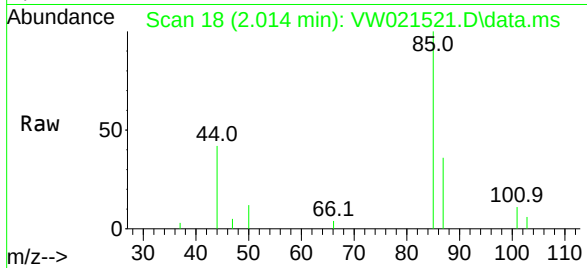




#2
Dichlorodifluoromethane
Concen: 16.606 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

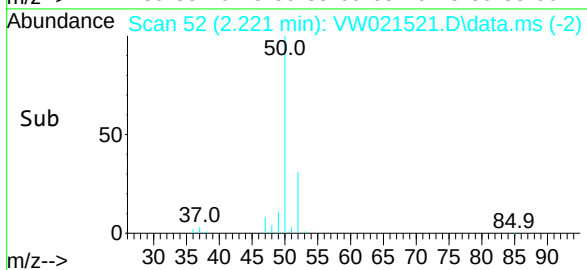
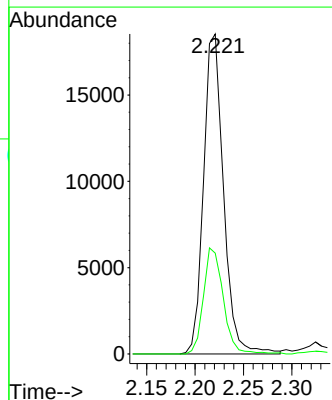
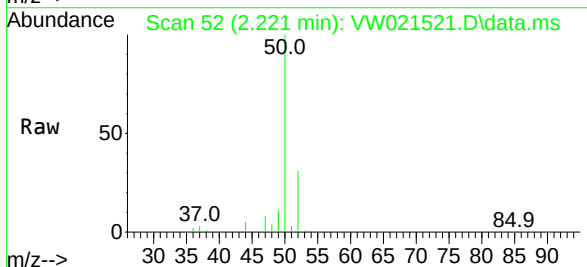
Instrument :
MSVOA_W
ClientSampleId :
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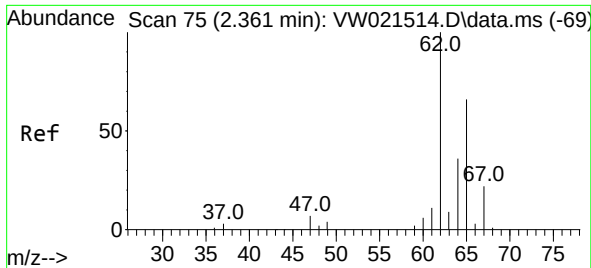
Tgt Ion: 85 Resp: 6639
Ion Ratio Lower Upper
85 100
87 26.8 25.8 38.6



#3
Chloromethane
Concen: 20.161 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 50 Resp: 26686
Ion Ratio Lower Upper
50 100
52 31.5 23.4 43.6

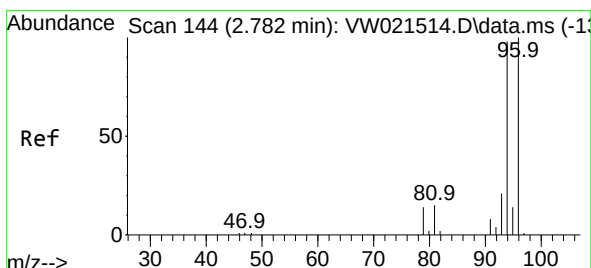
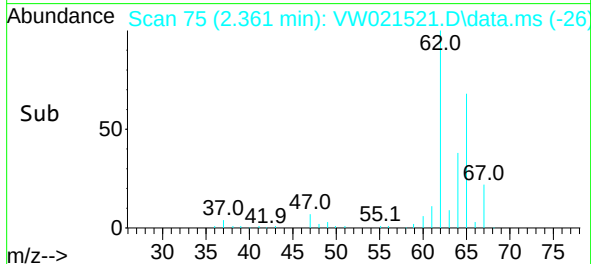
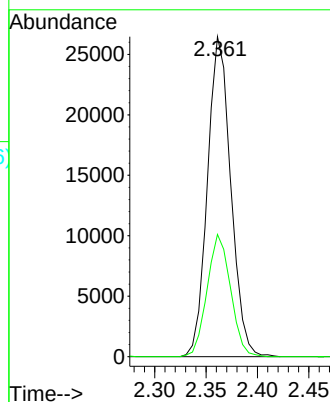
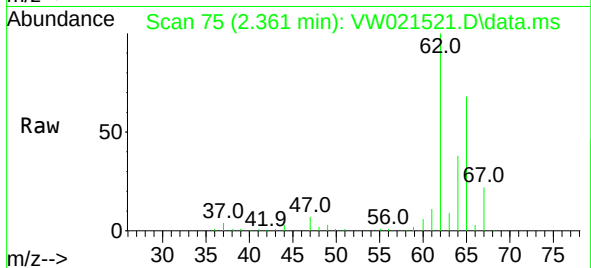




#5
 Vinyl chloride
 Concen: 20.096 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021521.D
 Acq: 21 Dec 2021 13:04

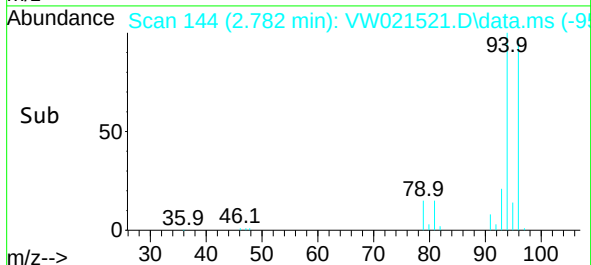
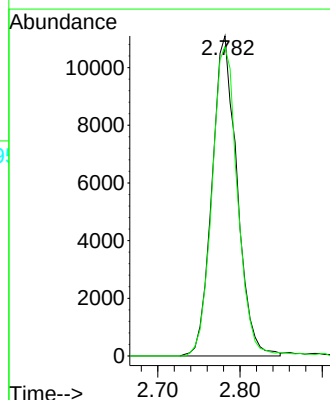
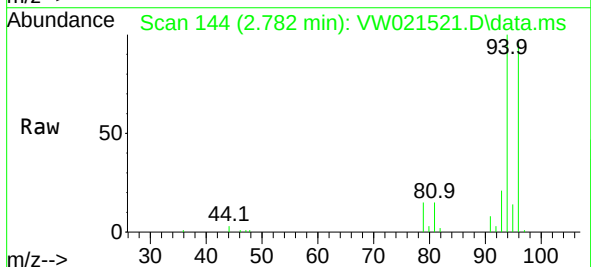
Instrument :
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 ClientSampleId :
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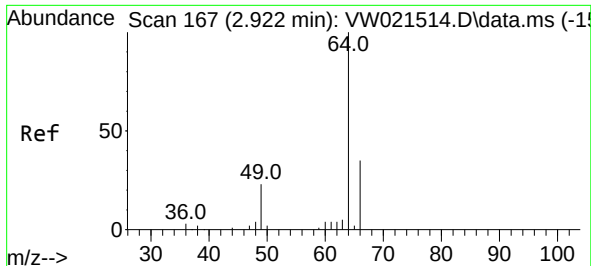
Tgt Ion: 62 Resp: 41757
 Ion Ratio Lower Upper
 62 100
 64 38.2 24.4 45.2



#6
 Bromomethane
 Concen: 17.389 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021521.D
 Acq: 21 Dec 2021 13:04

Tgt Ion: 94 Resp: 23437
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.8 120.4

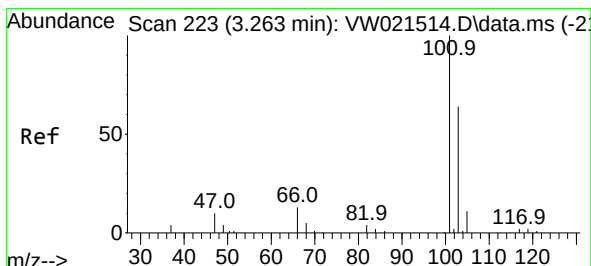
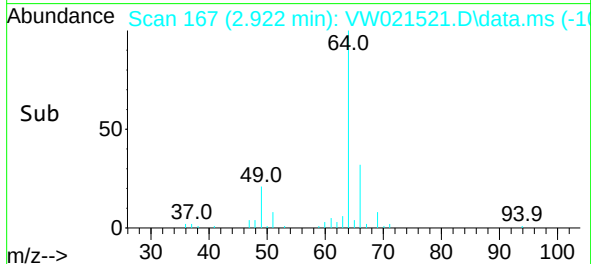
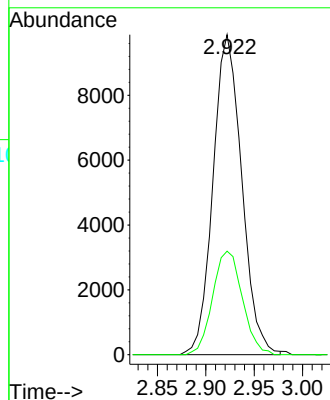
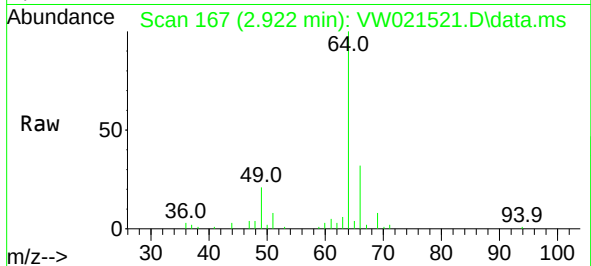




#8
Chloroethane
Concen: 21.266 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

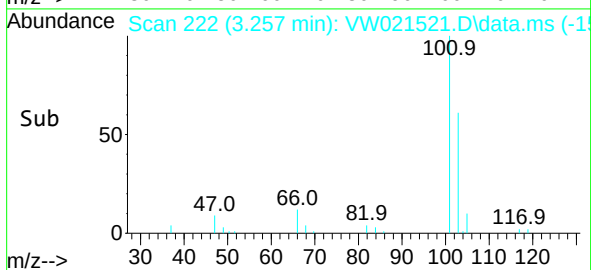
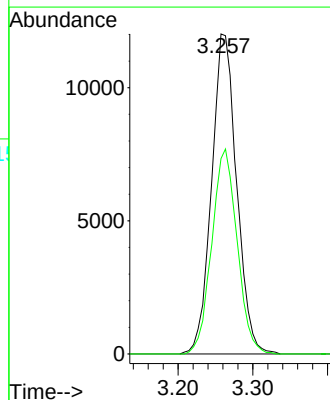
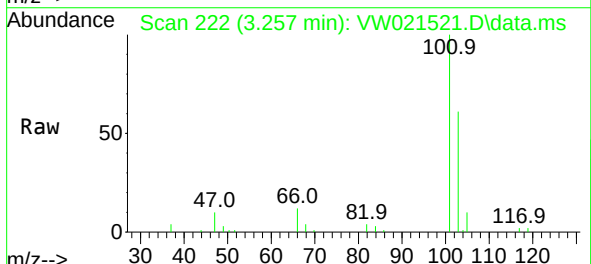
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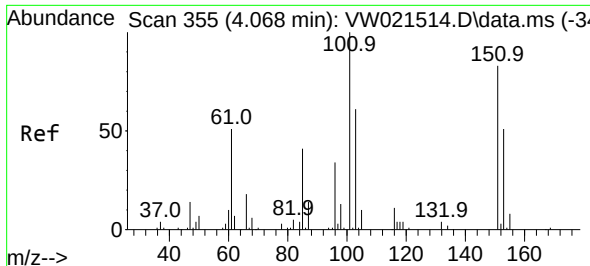
Tgt Ion: 64 Resp: 20357
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.535 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 101 Resp: 27996
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

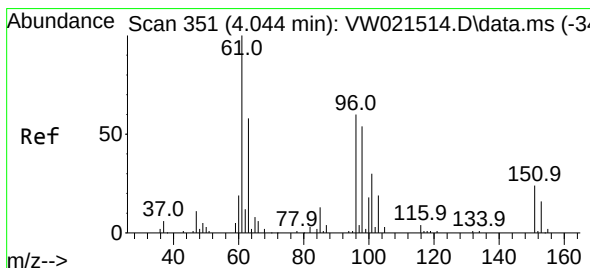
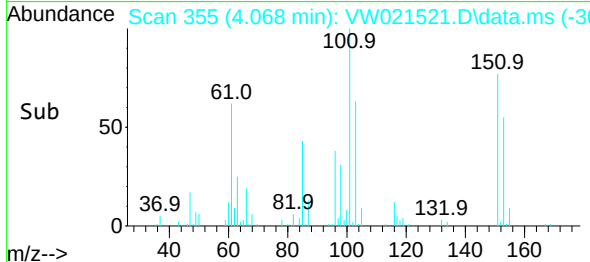
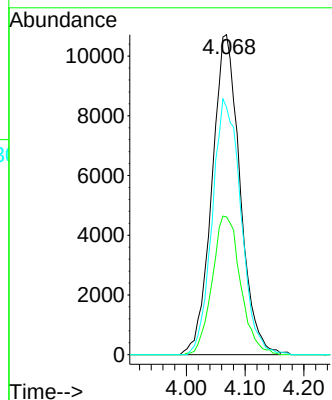
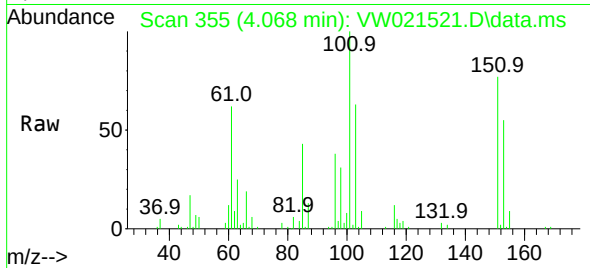




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.849 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW021521.D
 Acq: 21 Dec 2021 13:04

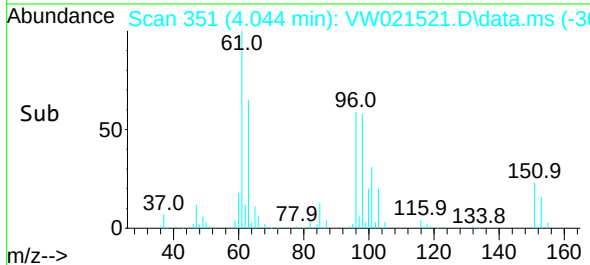
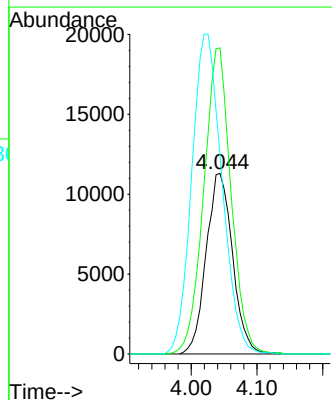
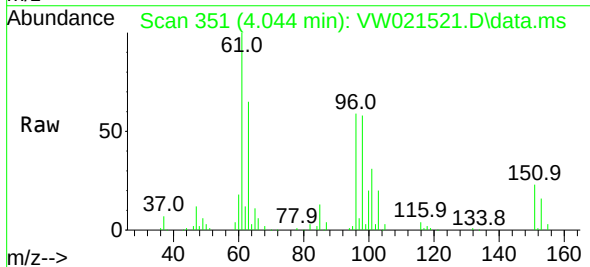
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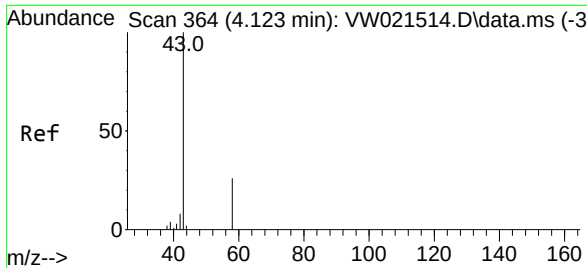
Tgt Ion:101 Resp: 35505
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 81.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.587 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW021521.D
 Acq: 21 Dec 2021 13:04

Tgt Ion: 96 Resp: 31535
 Ion Ratio Lower Upper
 96 100
 61 169.6 138.3 256.9
 63 110.2 82.6 153.4





#13

Acetone

Concen: 132.907 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

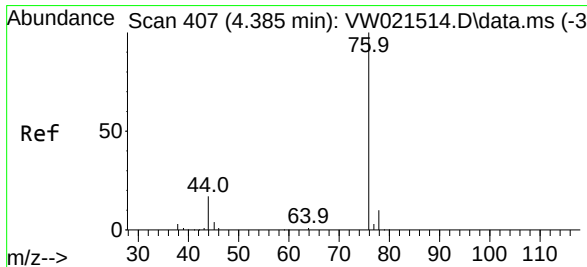
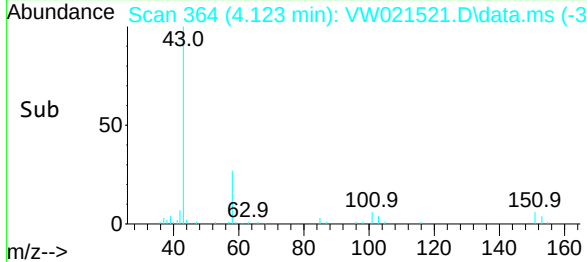
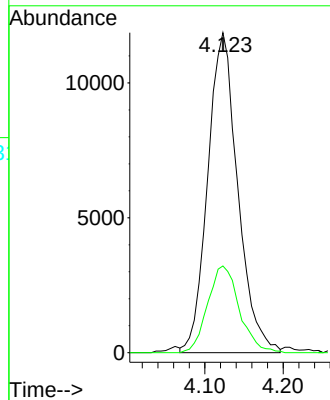
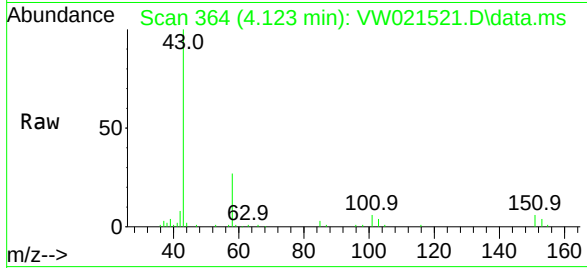
H0AN3MS

Tgt Ion: 43 Resp: 31651

Ion Ratio Lower Upper

43 100

58 28.5 0.0 52.8



#14

Carbon disulfide

Concen: 19.614 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021521.D

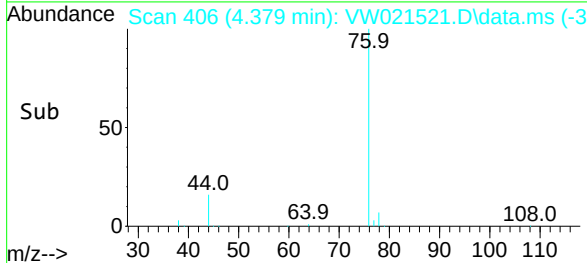
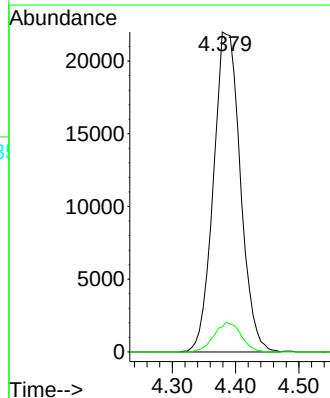
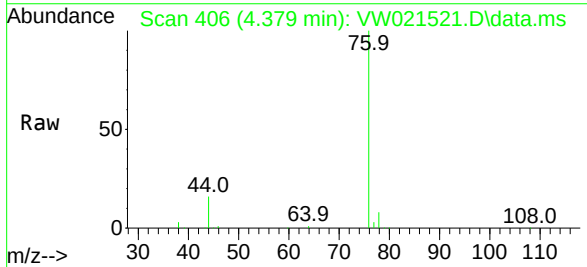
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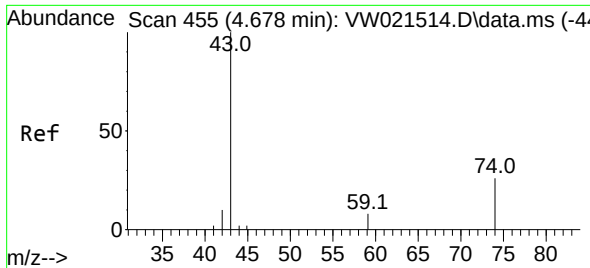
Tgt Ion: 76 Resp: 64966

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7

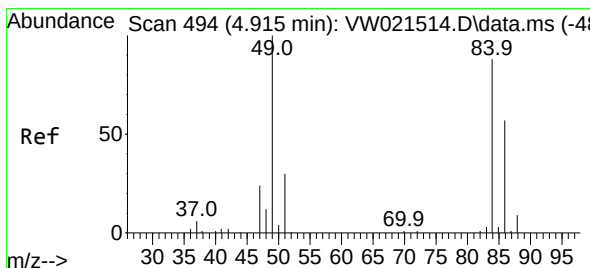
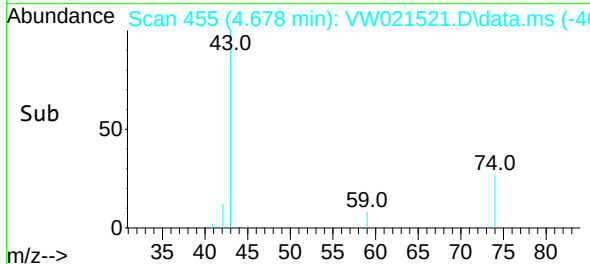
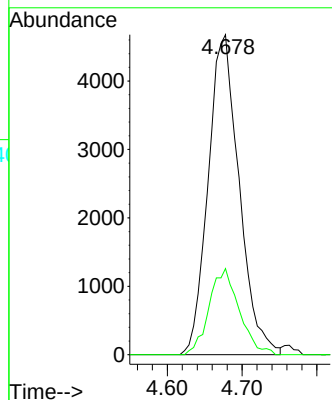
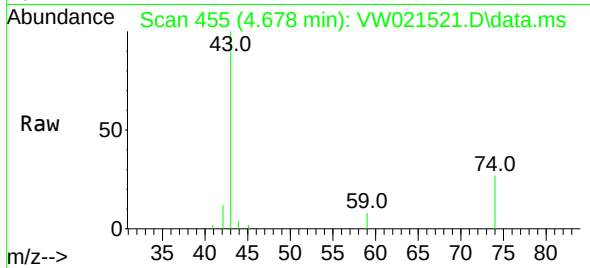




#15
Methyl Acetate
Concen: 32.857 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

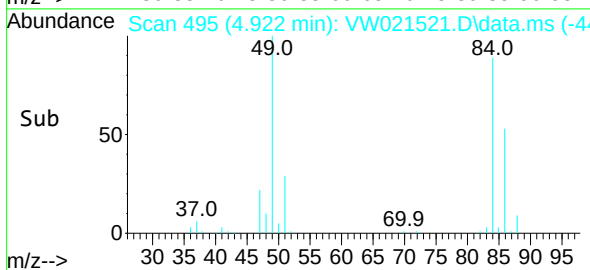
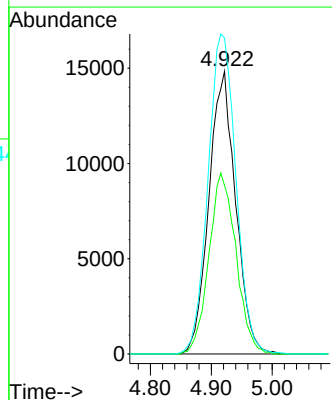
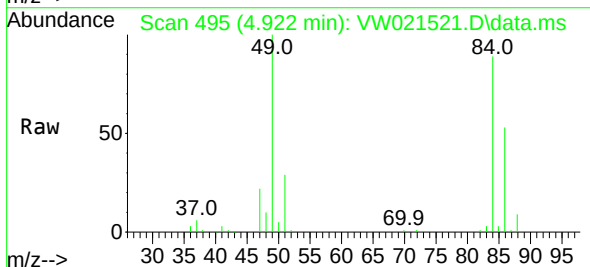
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

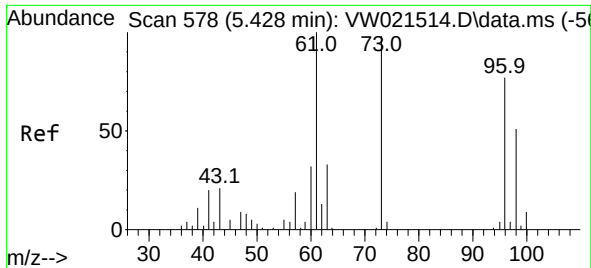
Tgt Ion: 43 Resp: 13501
Ion Ratio Lower Upper
43 100
74 25.7 16.4 24.6#



#16
Methylene chloride
Concen: 26.560 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 84 Resp: 45411
Ion Ratio Lower Upper
84 100
86 59.6 45.5 84.5
49 111.8 100.5 186.7

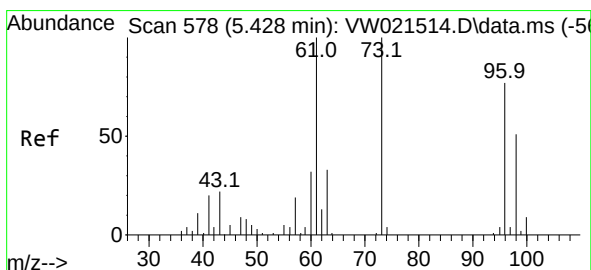
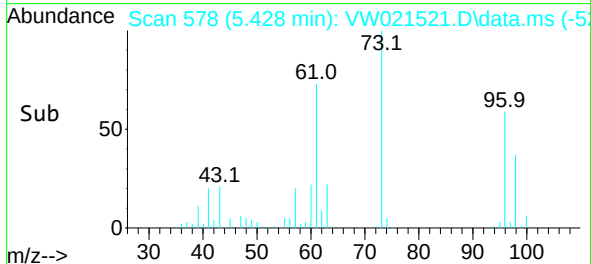
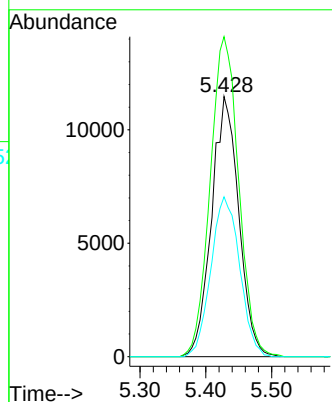
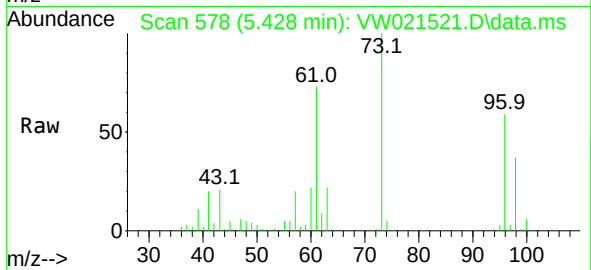




#17
trans-1,2-Dichloroethene
Concen: 23.781 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

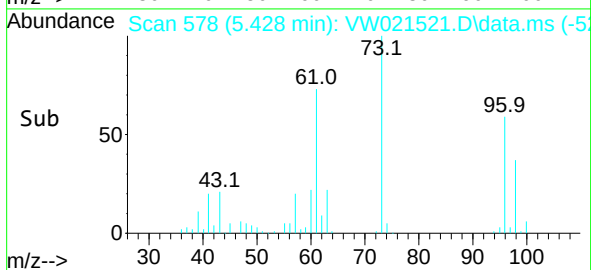
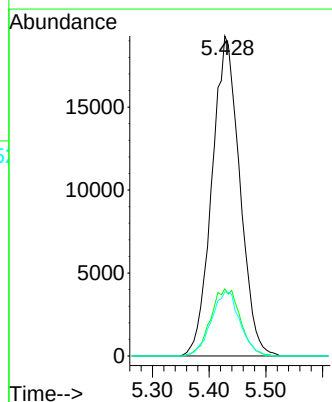
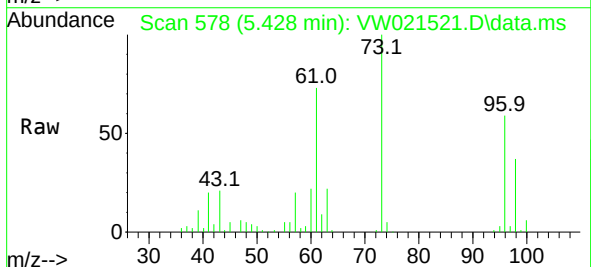
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

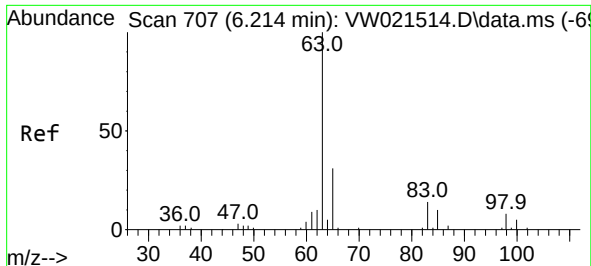
Tgt Ion: 96 Resp: 33026
Ion Ratio Lower Upper
96 100
61 123.0 107.4 199.4
98 61.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 34.194 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 73 Resp: 65585
Ion Ratio Lower Upper
73 100
43 22.5 19.5 29.3
57 20.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.754 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MS

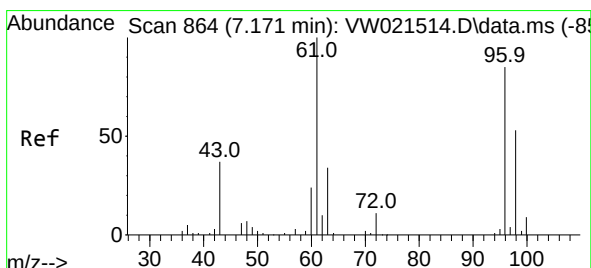
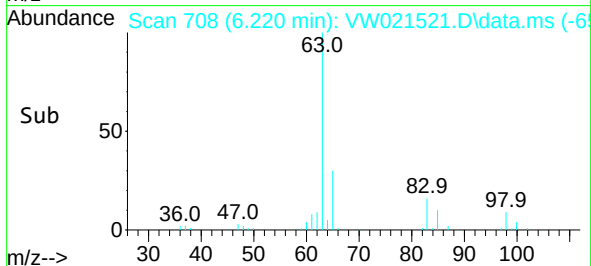
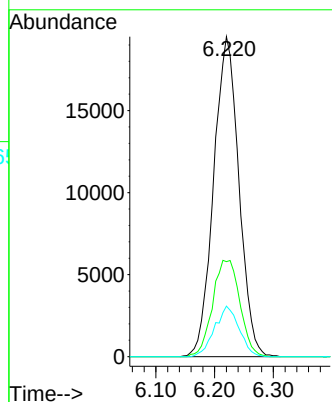
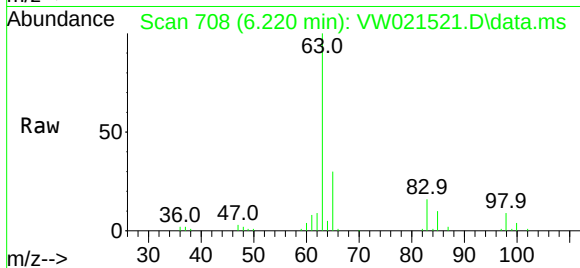
Tgt Ion: 63 Resp: 58304

Ion Ratio Lower Upper

63 100

65 29.7 22.1 41.1

83 15.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 26.241 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

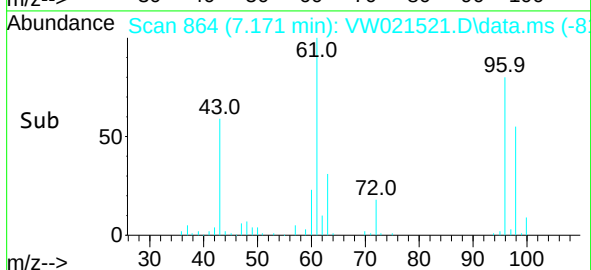
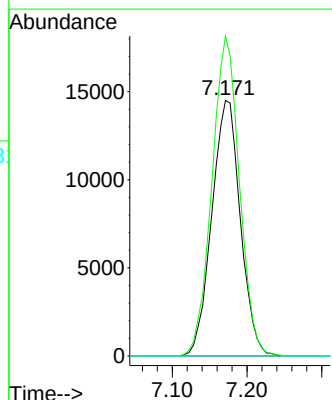
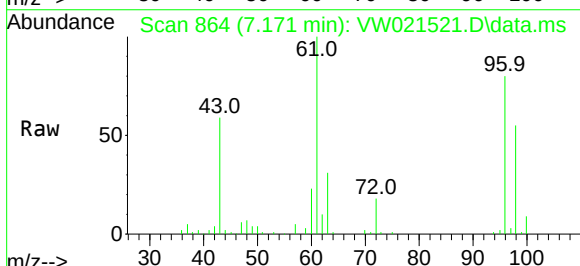
Tgt Ion: 96 Resp: 38438

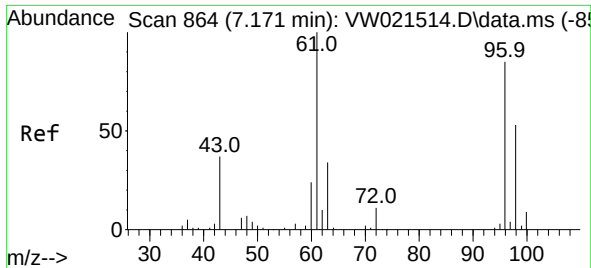
Ion Ratio Lower Upper

96 100

61 125.2 103.7 192.7

68 0.0 0.0 0.0

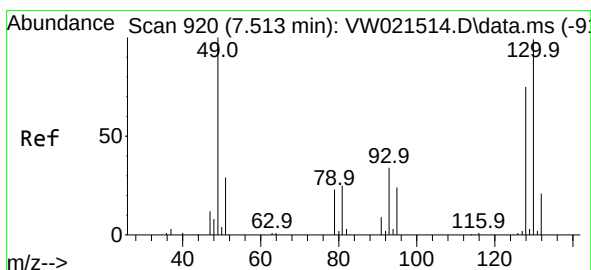
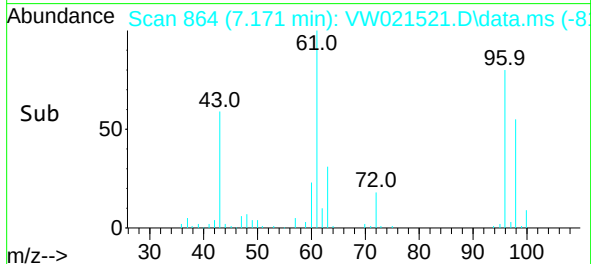
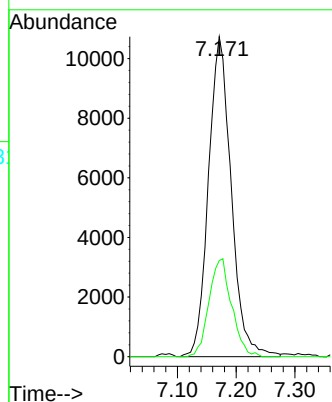
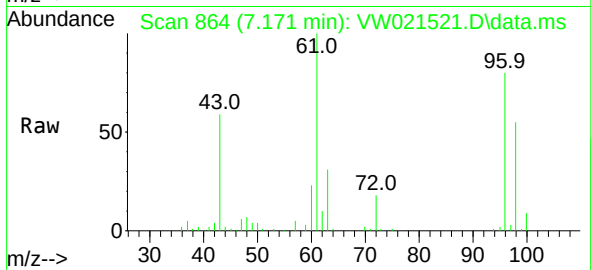




#22
2-Butanone
Concen: 92.810 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

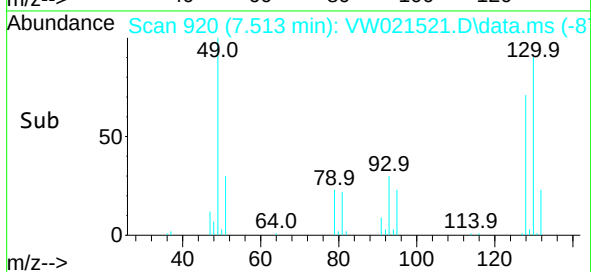
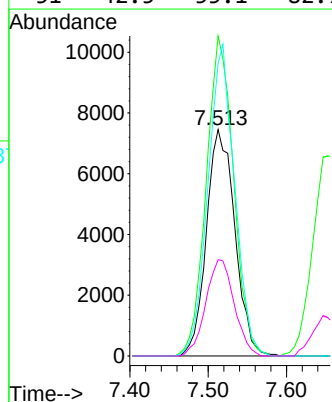
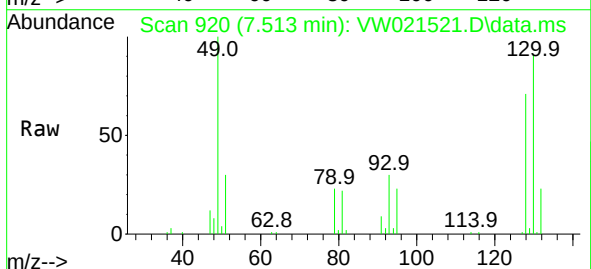
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

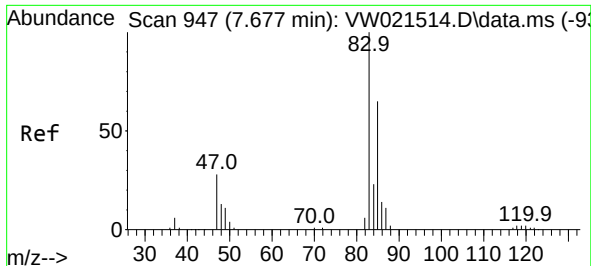
Tgt Ion: 43 Resp: 28864
Ion Ratio Lower Upper
43 100
72 30.2 11.8 35.4



#23
Bromochloromethane
Concen: 27.494 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 128 Resp: 18831
Ion Ratio Lower Upper
128 100
49 141.3 150.3 279.1#
130 129.2 88.3 163.9
51 42.5 55.1 82.7#

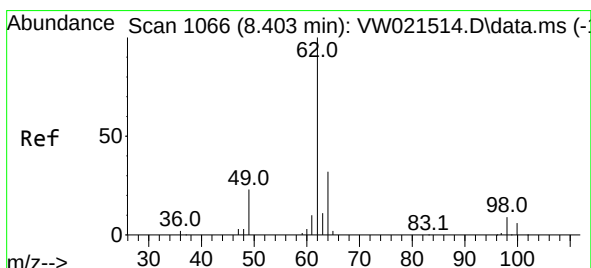
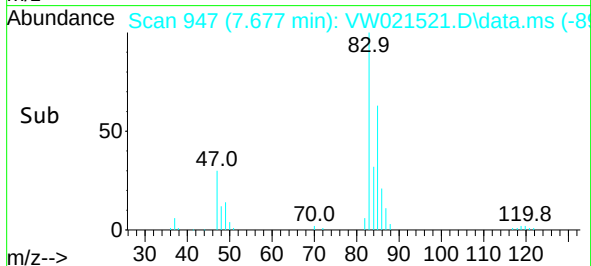
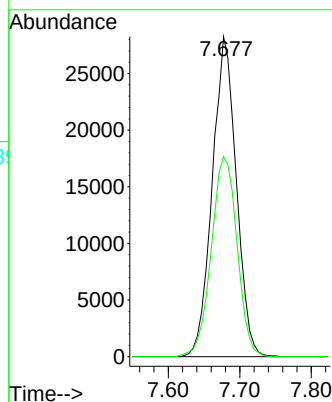
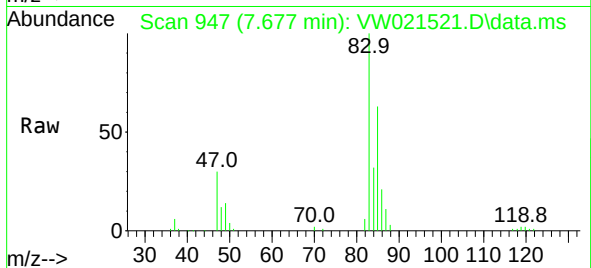




#25
Chloroform
Concen: 26.047 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

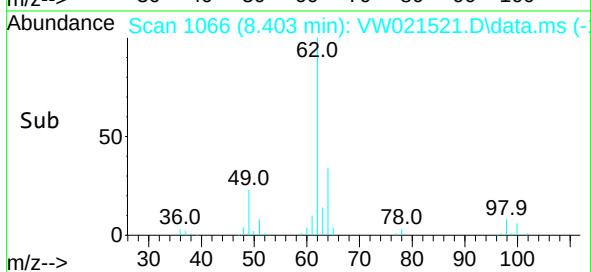
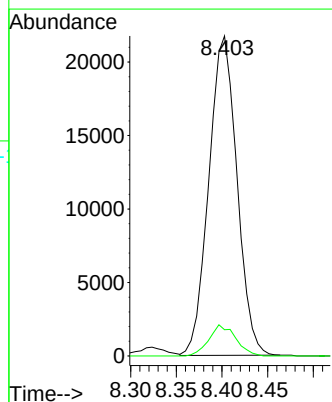
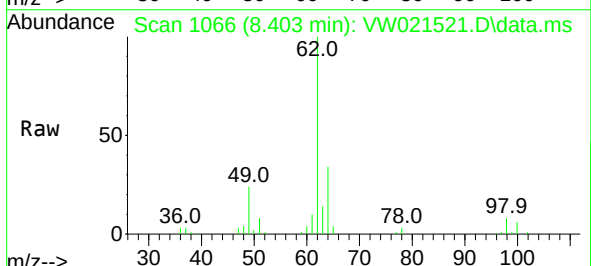
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

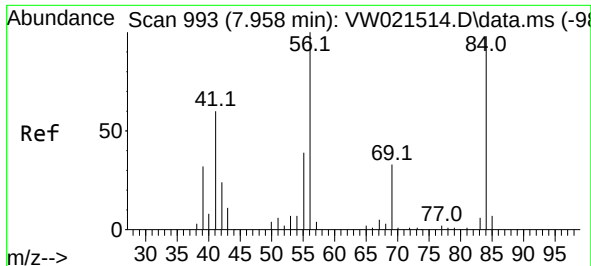
Tgt Ion: 83 Resp: 65893
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 29.074 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 62 Resp: 46577
Ion Ratio Lower Upper
62 100
98 8.2 6.5 9.7





#29

Cyclohexane

Concen: 24.839 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MS

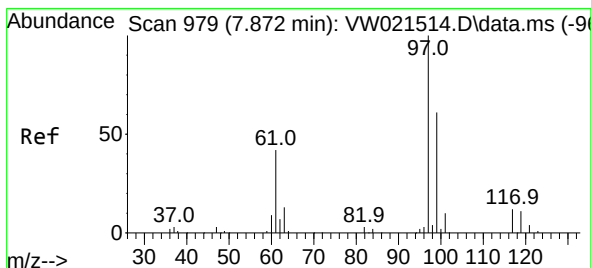
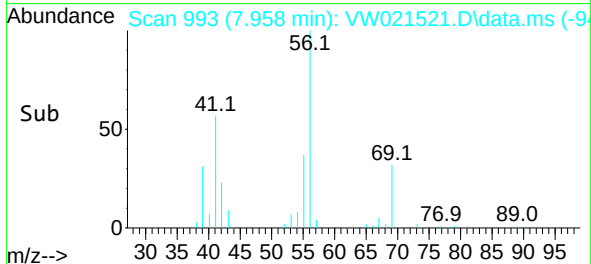
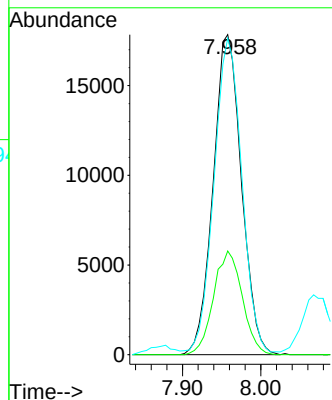
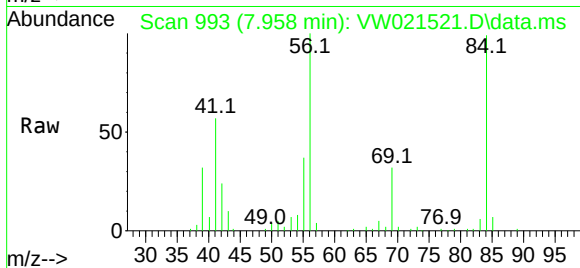
Tgt Ion: 56 Resp: 44812

Ion Ratio Lower Upper

56 100

69 32.8 23.5 35.3

84 97.8 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 28.103 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

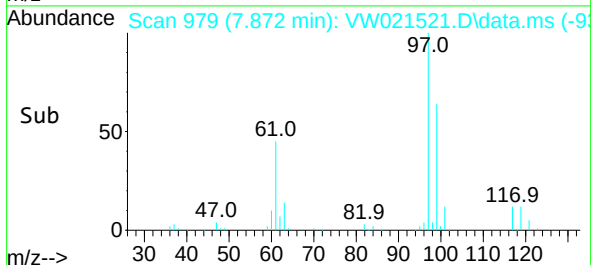
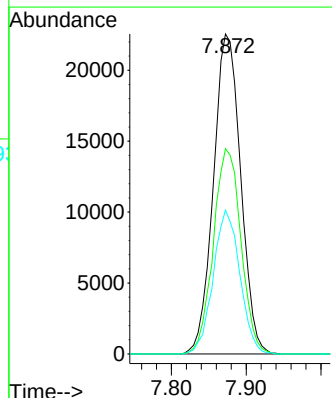
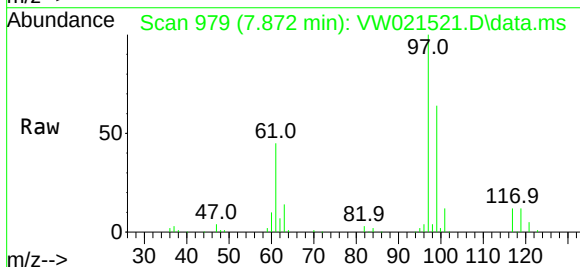
Tgt Ion: 97 Resp: 57151

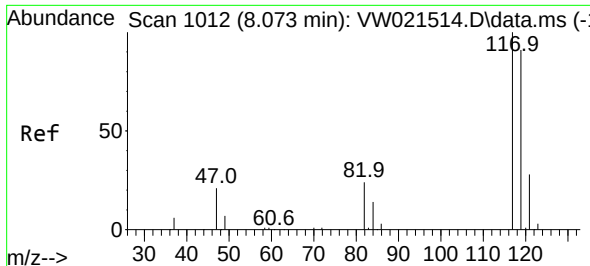
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 44.0 40.9 61.3

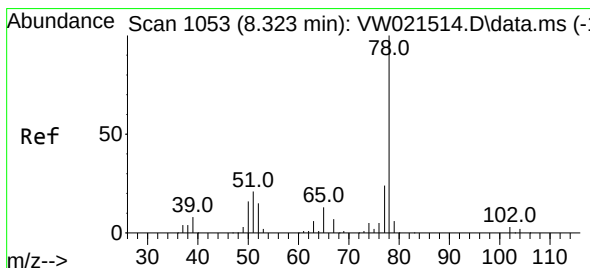
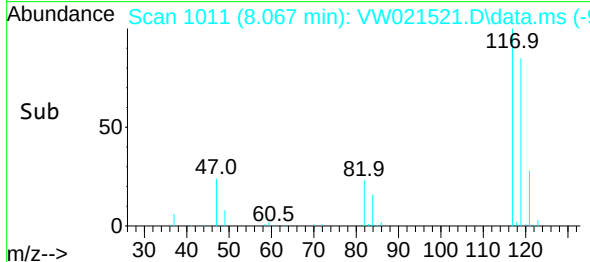
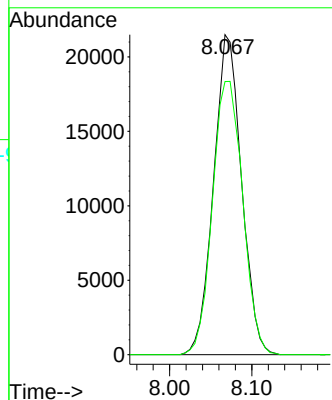
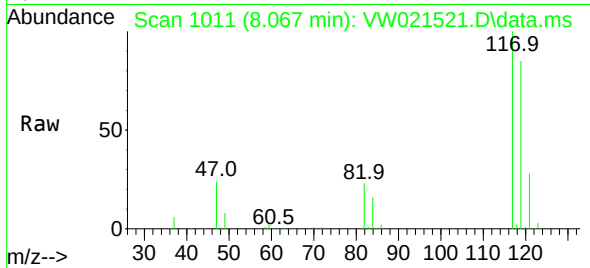




#31
Carbon tetrachloride
Concen: 27.089 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

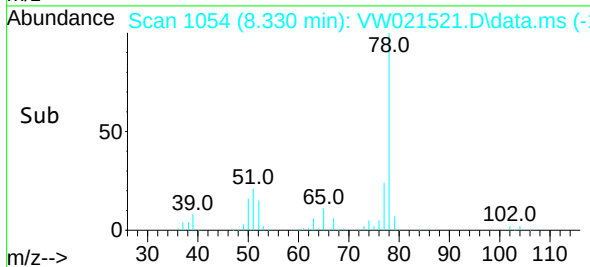
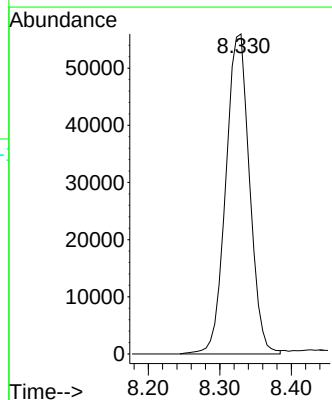
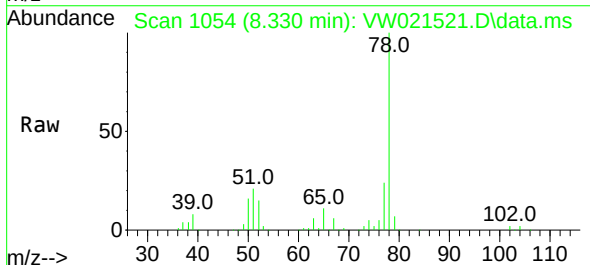
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

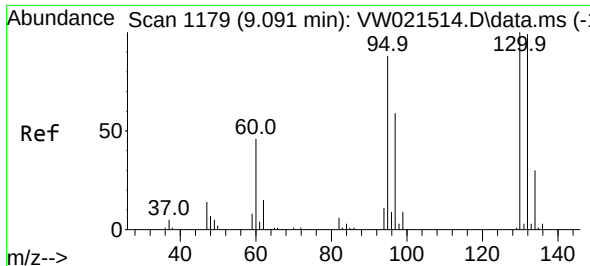
Tgt Ion:117 Resp: 50819
Ion Ratio Lower Upper
117 100
119 92.6 75.7 113.5



#33
Benzene
Concen: 26.131 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 78 Resp: 129025

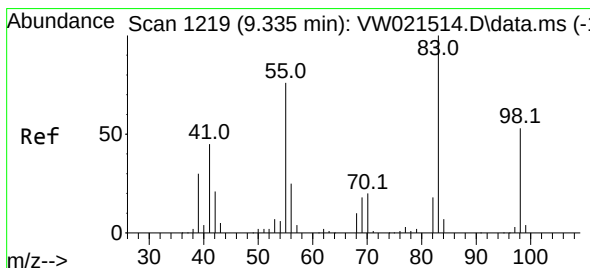
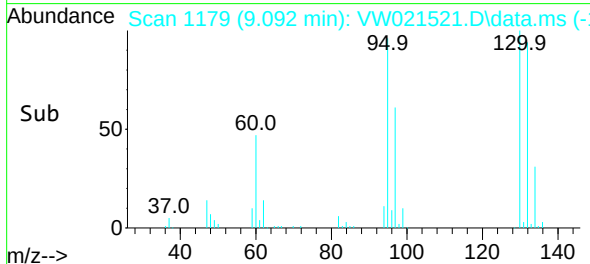
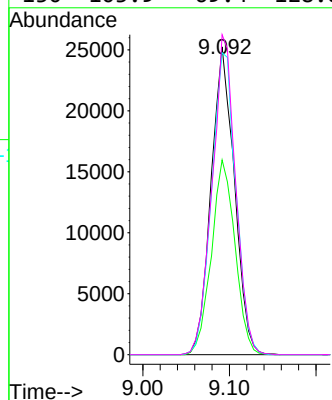
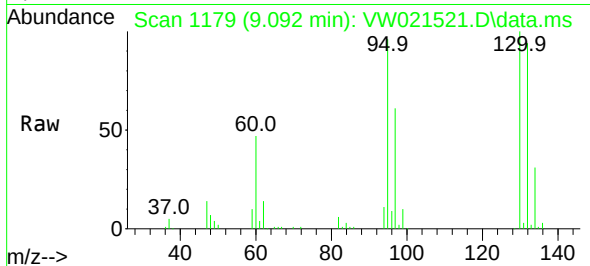




#34
Trichloroethene
Concen: 34.076 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

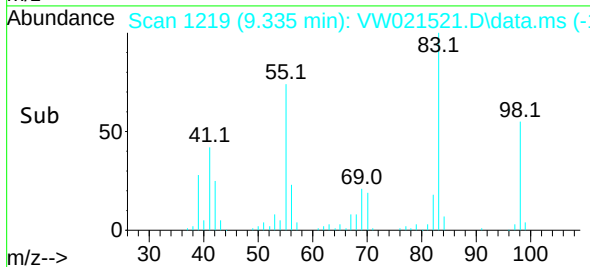
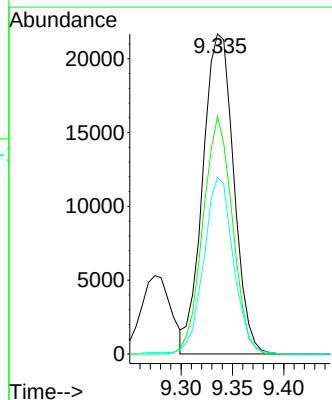
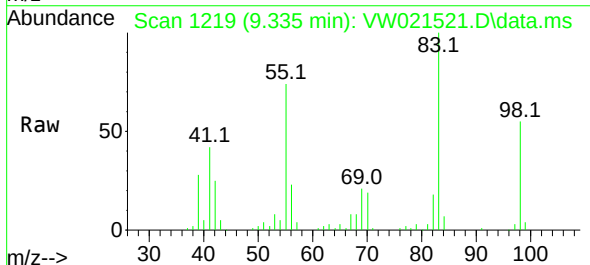
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

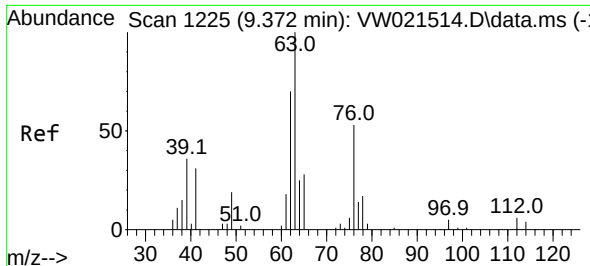
Tgt Ion: 95 Resp: 47230
Ion Ratio Lower Upper
95 100
97 63.2 47.0 87.2
132 98.1 65.5 121.6
130 103.9 69.4 128.8



#35
Methylcyclohexane
Concen: 19.880 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 83 Resp: 45452
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2#
98 52.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 28.769 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

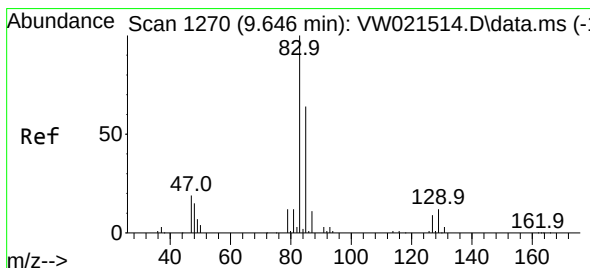
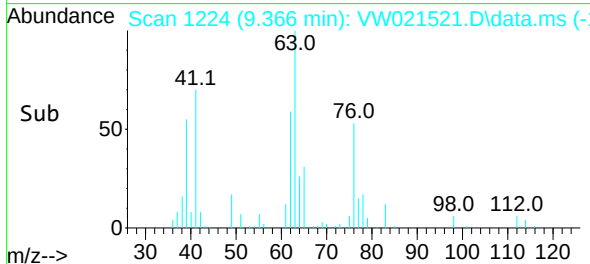
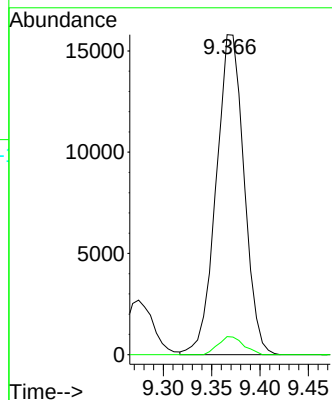
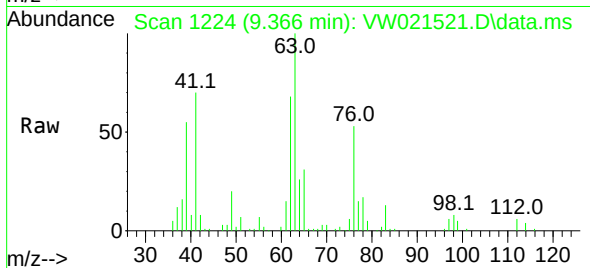
H0AN3MS

Tgt Ion: 63 Resp: 31685

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 29.776 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

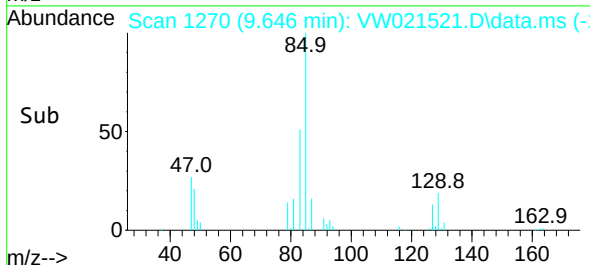
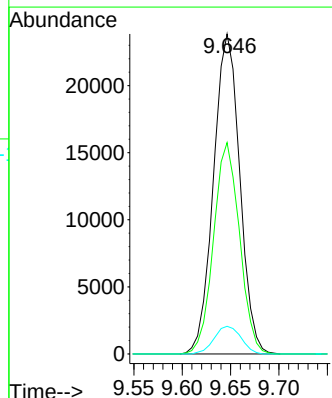
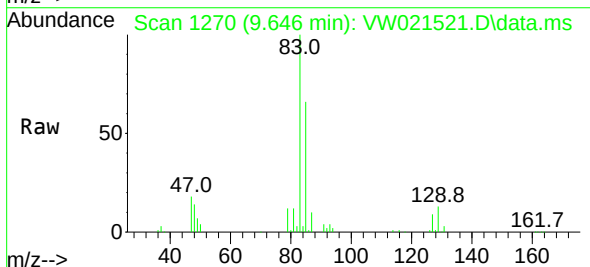
Tgt Ion: 83 Resp: 45089

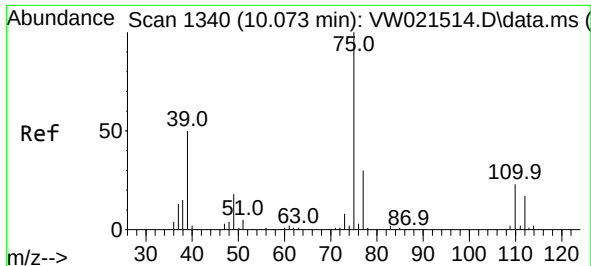
Ion Ratio Lower Upper

83 100

85 66.0 44.1 81.9

127 8.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 28.071 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

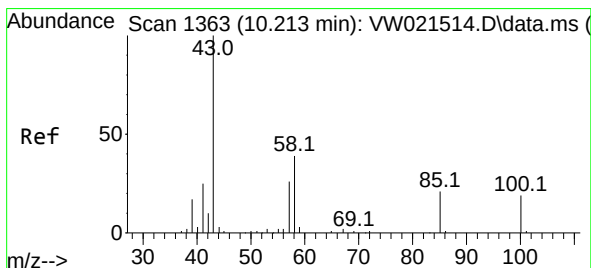
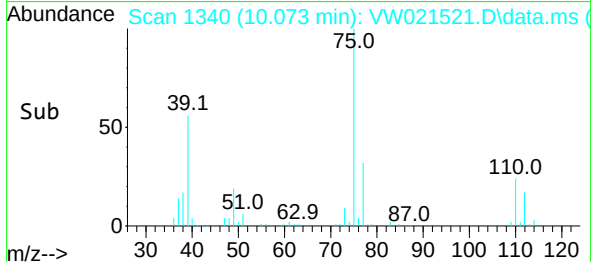
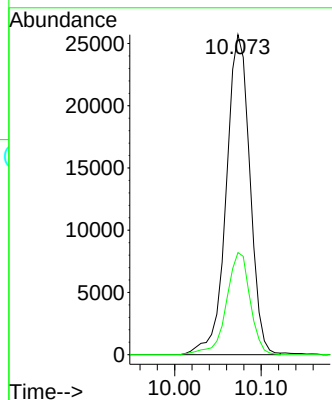
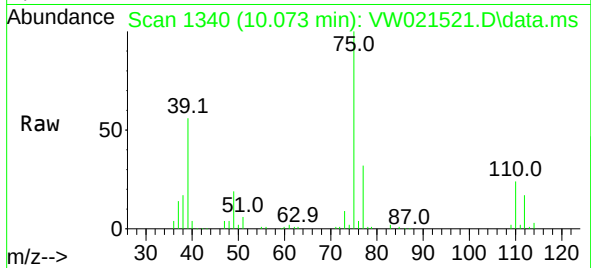
H0AN3MS

Tgt Ion: 75 Resp: 48735

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 81.948 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

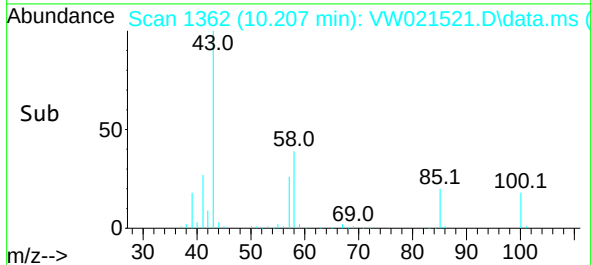
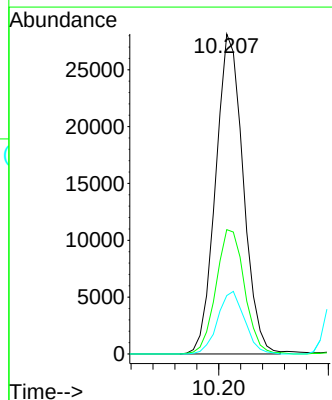
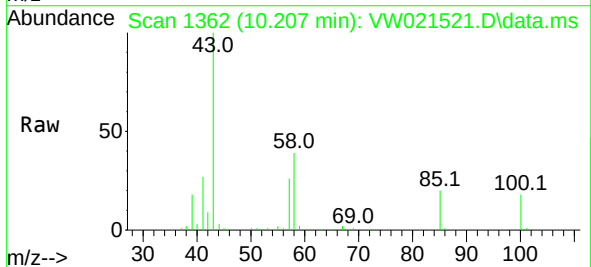
Tgt Ion: 43 Resp: 49177

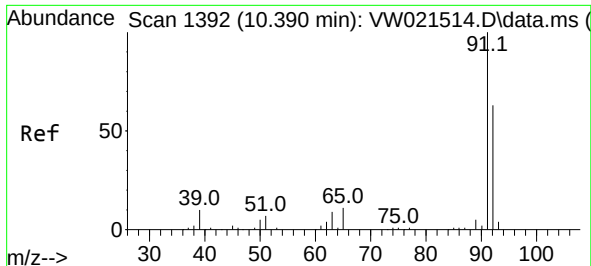
Ion Ratio Lower Upper

43 100

58 40.2 28.8 43.2

100 19.1 10.0 15.0#

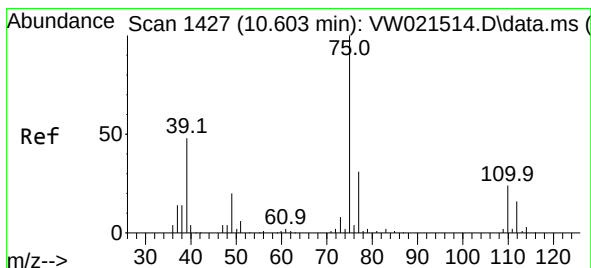
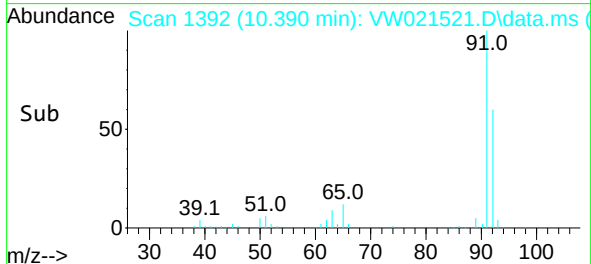
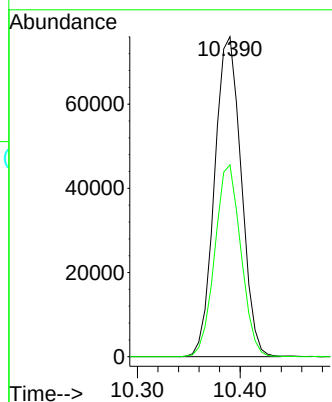
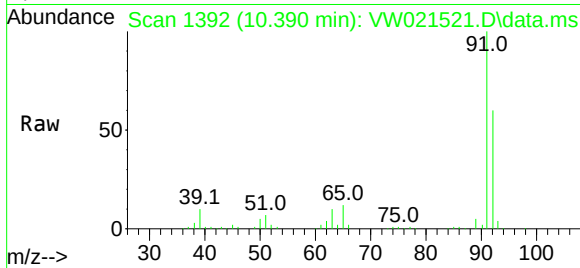




#42
Toluene
Concen: 23.704 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

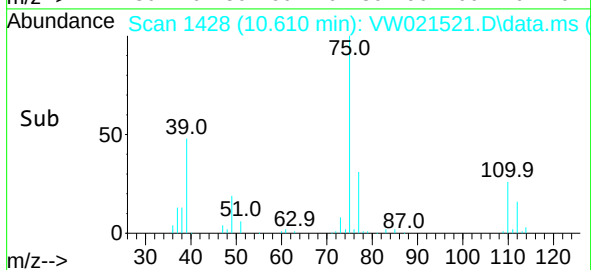
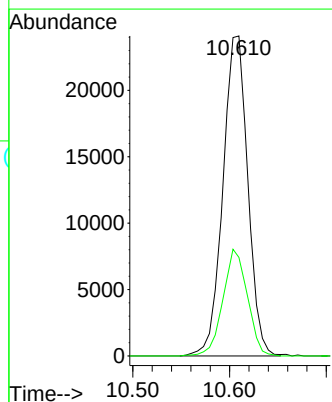
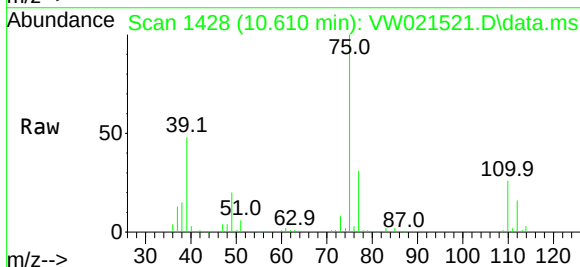
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

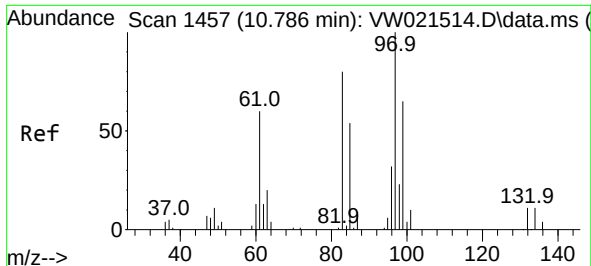
Tgt Ion: 91 Resp: 136883
Ion Ratio Lower Upper
91 100
92 59.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 28.351 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 75 Resp: 43112
Ion Ratio Lower Upper
75 100
77 30.8 22.2 41.2

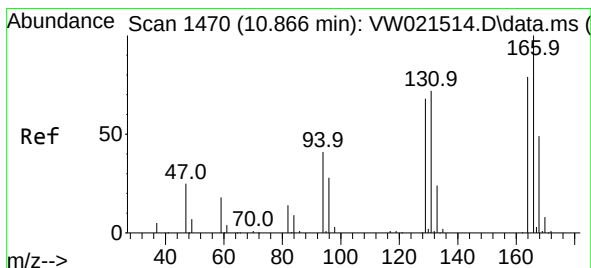
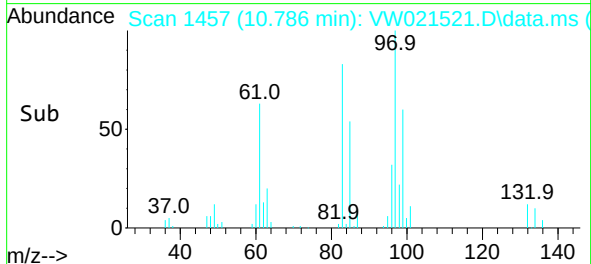
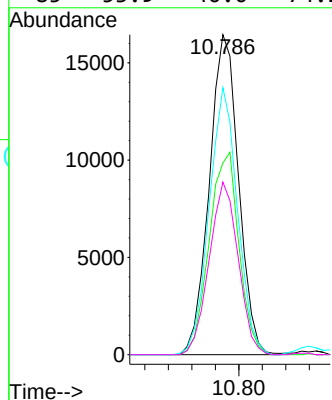
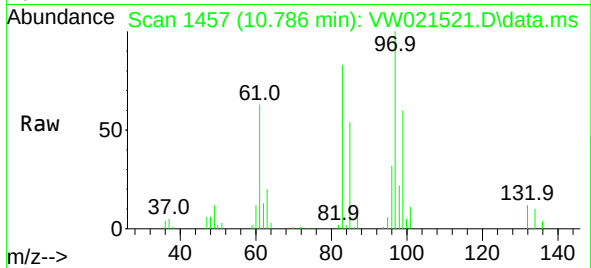




#45
1,1,2-Trichloroethane
Concen: 31.547 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

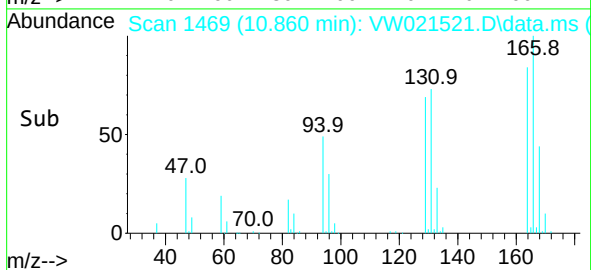
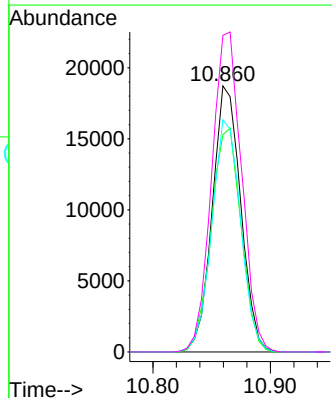
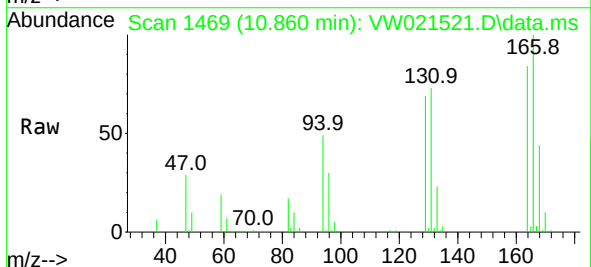
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

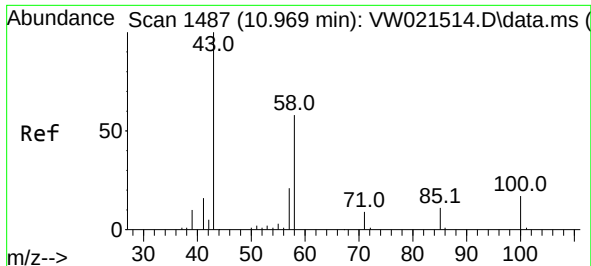
Tgt Ion: 97	Resp: 28437
Ion Ratio	Lower Upper
97 100	
99 59.9	43.0 79.8
83 83.5	62.6 116.3
85 53.9	40.0 74.2



#46
Tetrachloroethene
Concen: 23.922 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt	Ion:164	Resp:	31498
Ion	Ratio	Lower	Upper
164	100		
129	81.6	65.5	121.7
131	87.2	59.7	110.9
166	119.0	88.7	164.7

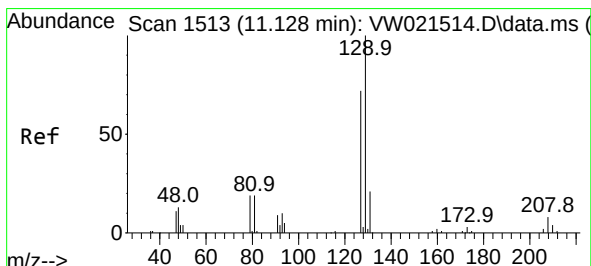
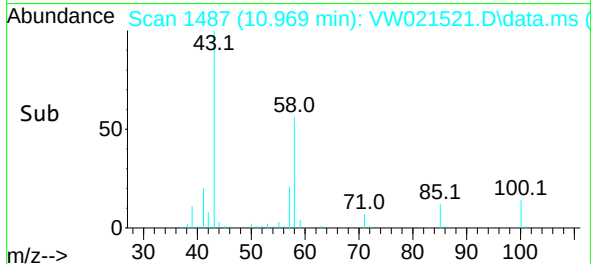
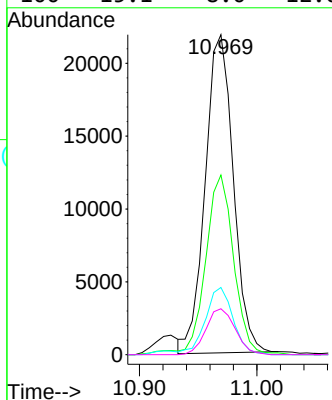
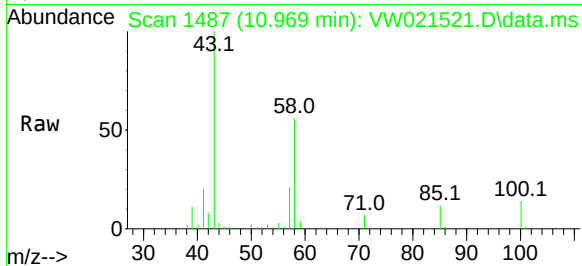




#48
2-Hexanone
Concen: 83.503 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

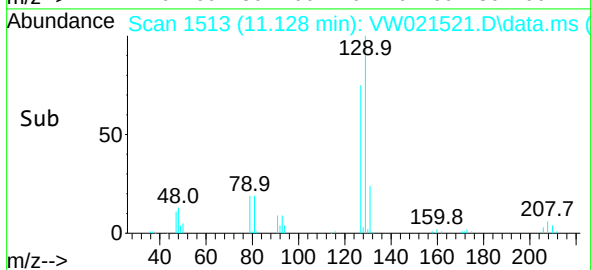
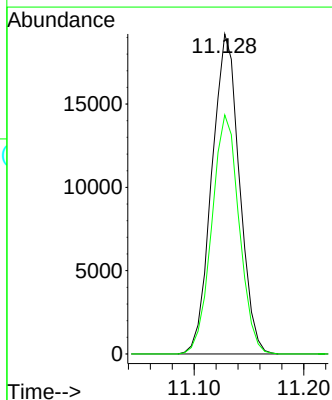
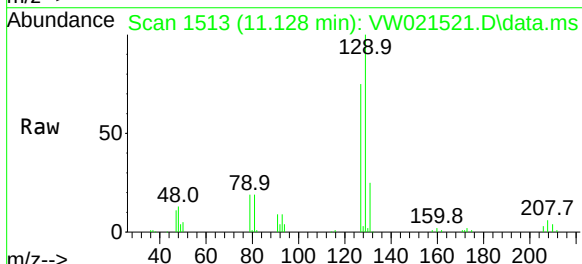
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

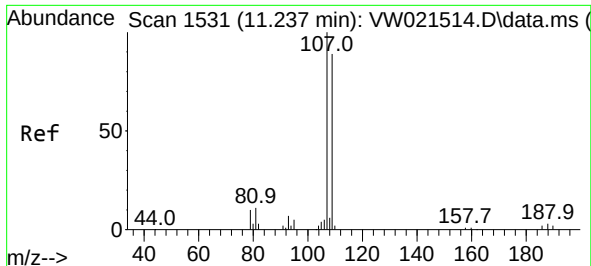
Tgt Ion: 43 Resp: 36339
Ion Ratio Lower Upper
43 100
58 55.7 40.2 60.2
57 20.8 14.3 21.5
100 15.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 30.155 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 129 Resp: 33510
Ion Ratio Lower Upper
129 100
127 74.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 31.256 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MS

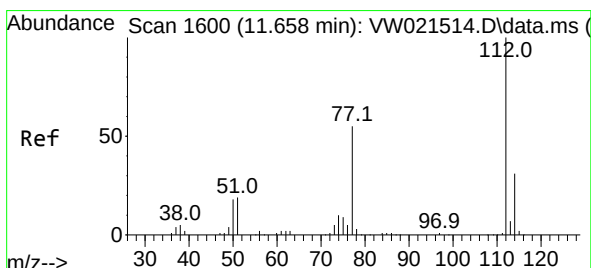
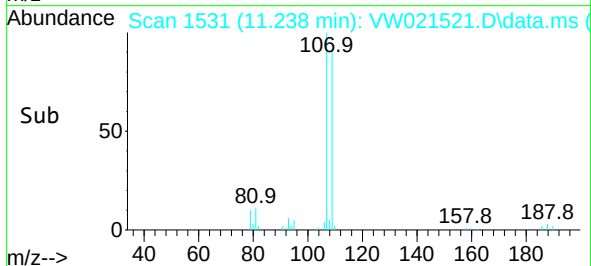
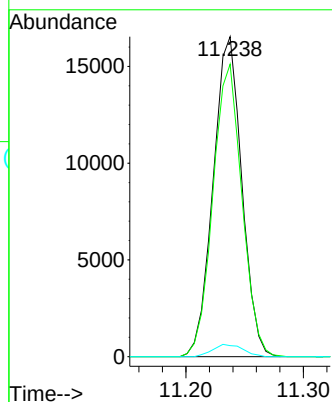
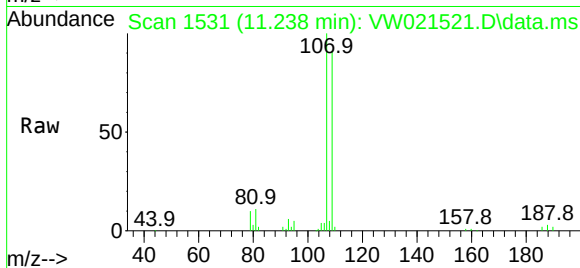
Tgt Ion:107 Resp: 28039

Ion Ratio Lower Upper

107 100

109 91.4 64.1 119.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 21.100 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

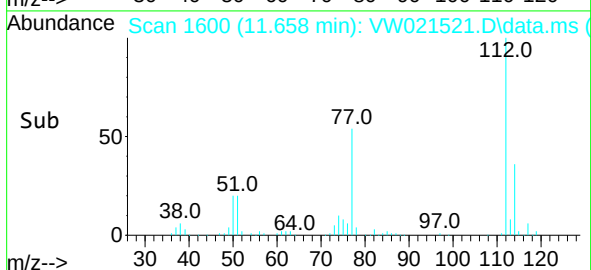
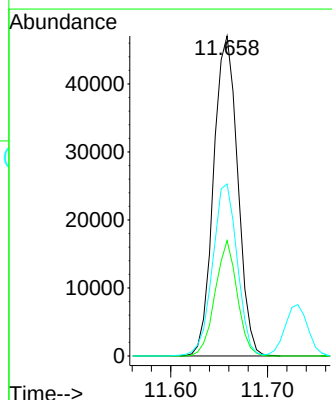
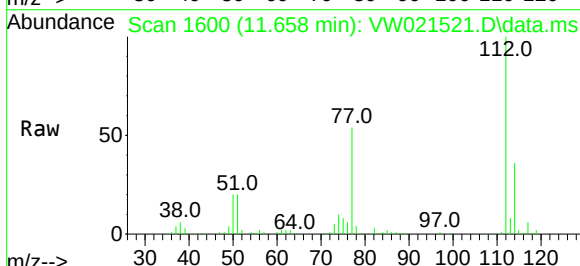
Tgt Ion:112 Resp: 81576

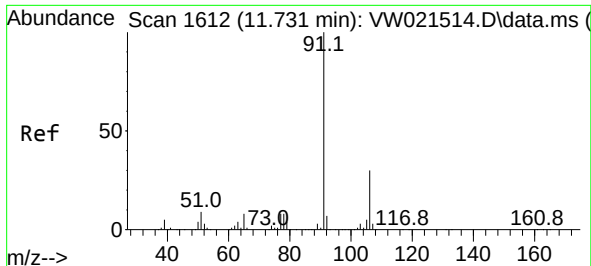
Ion Ratio Lower Upper

112 100

114 36.0 22.4 41.6

77 53.7 50.2 75.4





#52

Ethylbenzene

Concen: 21.665 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

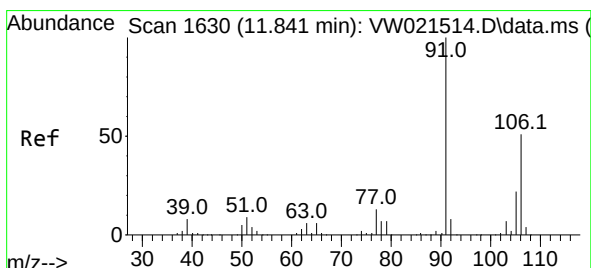
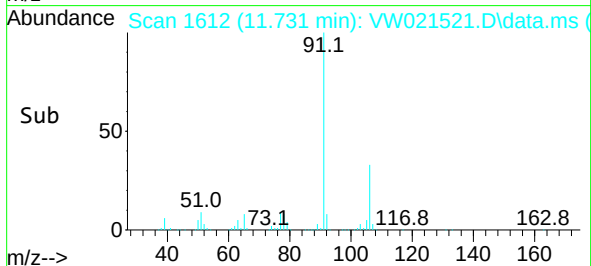
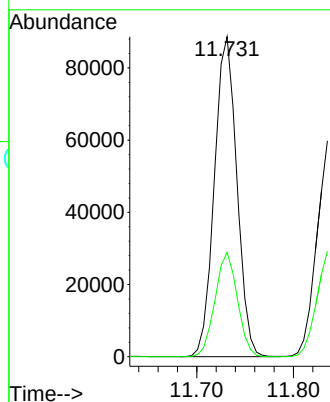
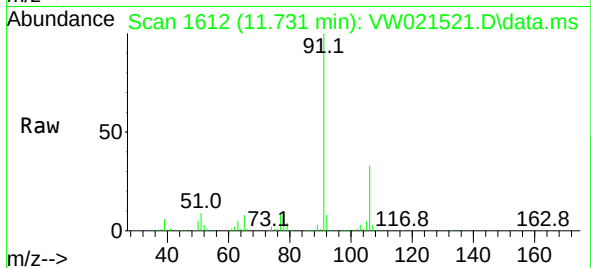
H0AN3MS

Tgt Ion: 91 Resp: 142968

Ion Ratio Lower Upper

91 100

106 32.5 21.5 39.9



#53

m,p-Xylene

Concen: 21.371 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VW021521.D

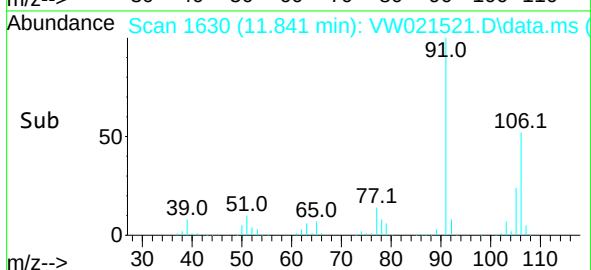
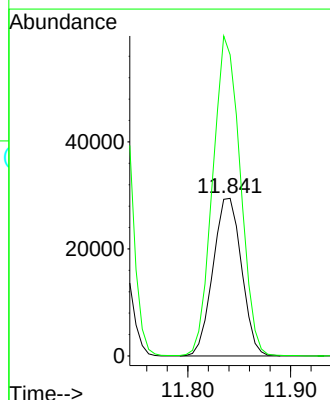
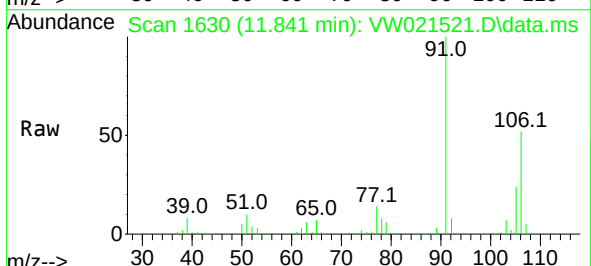
Acq: 21 Dec 2021 13:04

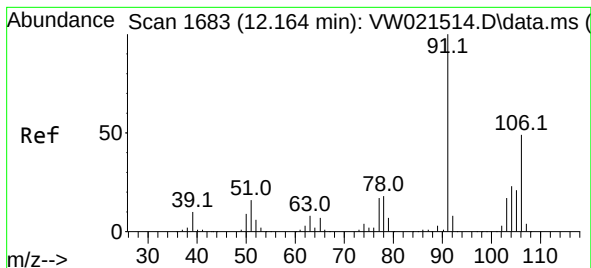
Tgt Ion:106 Resp: 56891

Ion Ratio Lower Upper

106 100

91 191.0 149.9 278.3





#54

o-Xylene

Concen: 21.799 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

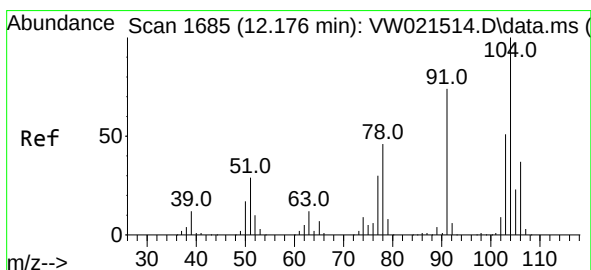
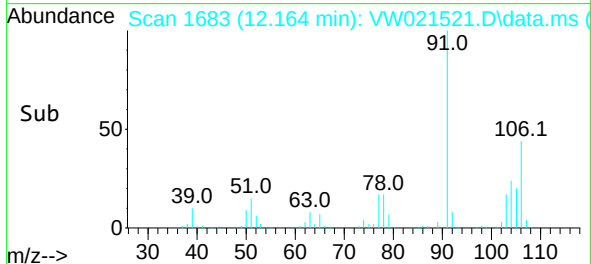
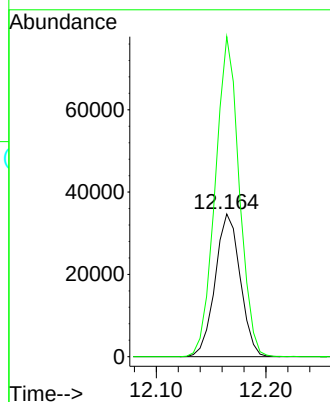
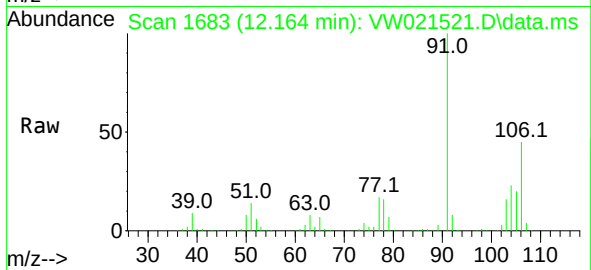
H0AN3MS

Tgt Ion:106 Resp: 55075

Ion Ratio Lower Upper

106 100

91 224.3 153.6 285.3



#55

Styrene

Concen: 19.237 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW021521.D

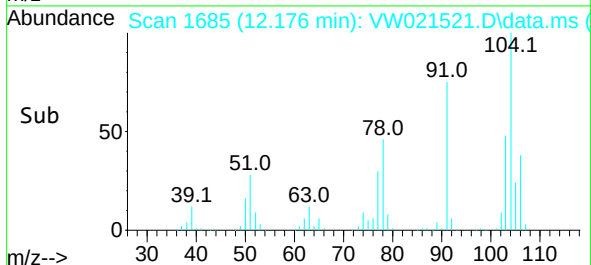
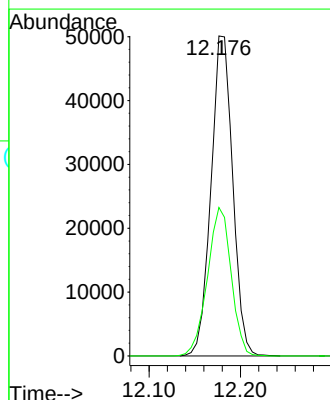
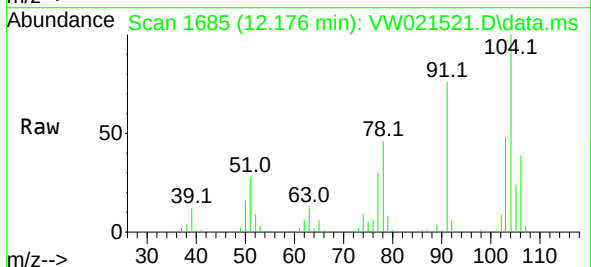
Acq: 21 Dec 2021 13:04

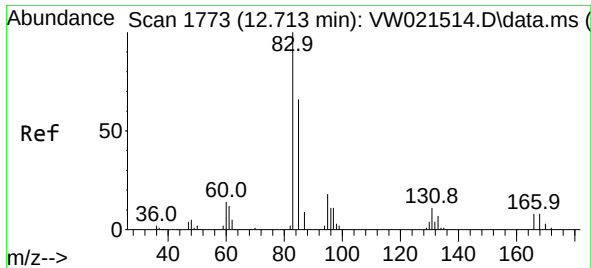
Tgt Ion:104 Resp: 82714

Ion Ratio Lower Upper

104 100

78 46.4 34.4 64.0

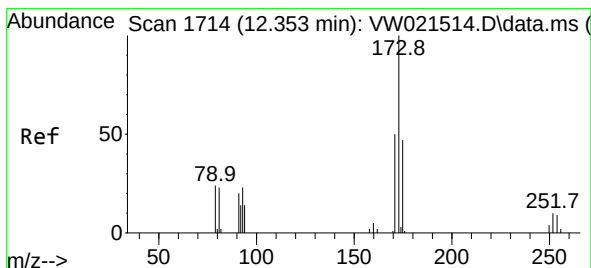
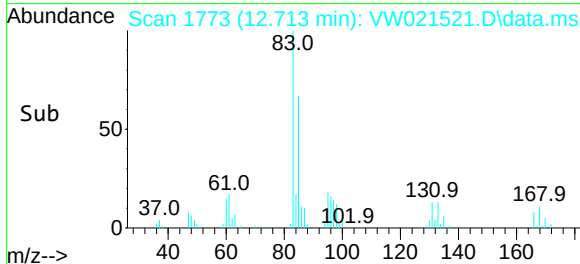
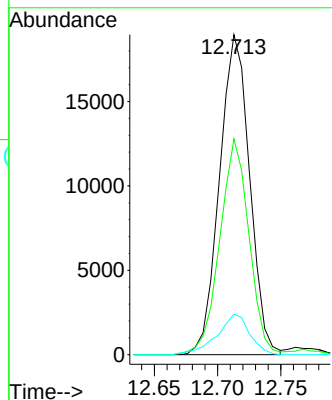
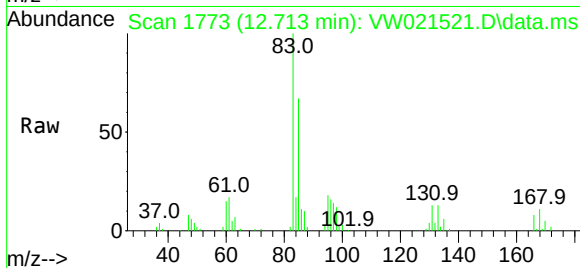




#57
1,1,2,2-Tetrachloroethane
Concen: 30.357 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

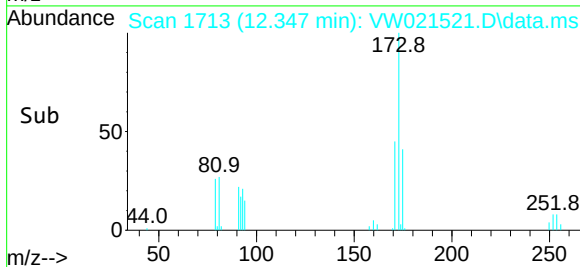
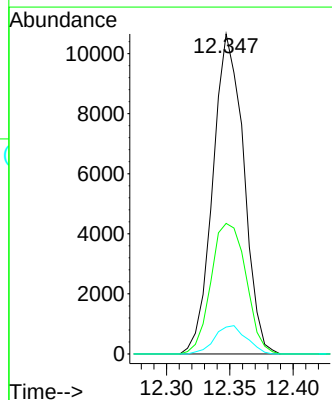
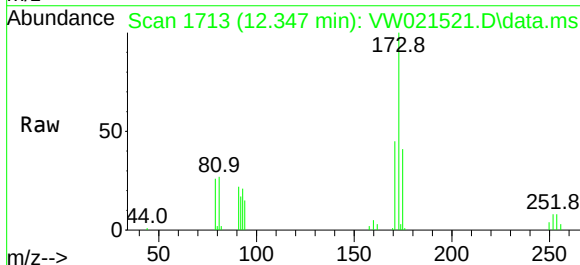
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

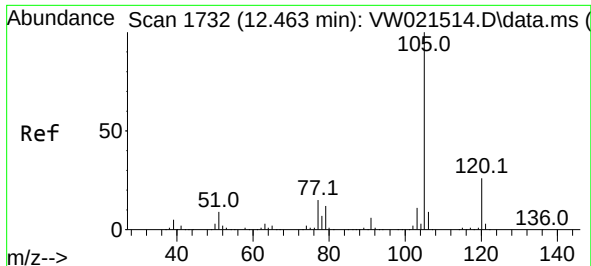
Tgt Ion: 83 Resp: 31369
Ion Ratio Lower Upper
83 100
85 67.4 44.0 81.6
131 12.6 6.9 10.3#



#59
Bromoform
Concen: 38.146 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 173 Resp: 18042
Ion Ratio Lower Upper
173 100
175 46.3 39.6 59.4
254 9.2 7.4 11.0

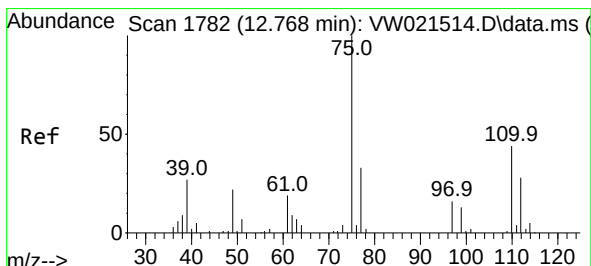
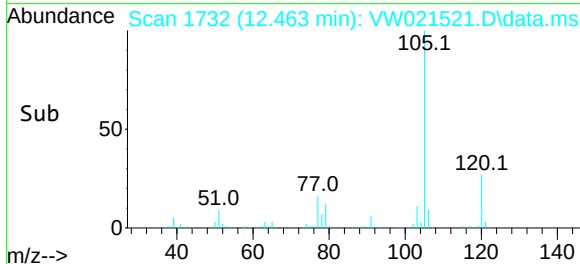
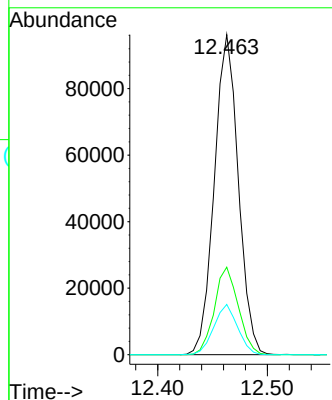
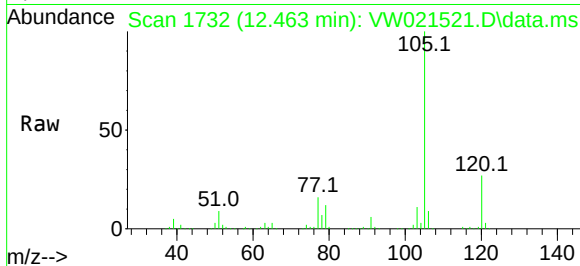




#60
Isopropylbenzene
Concen: 27.110 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

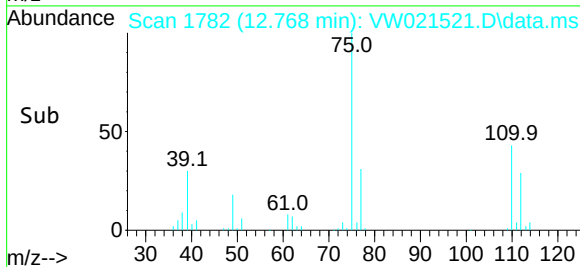
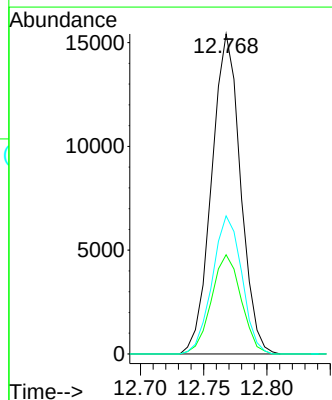
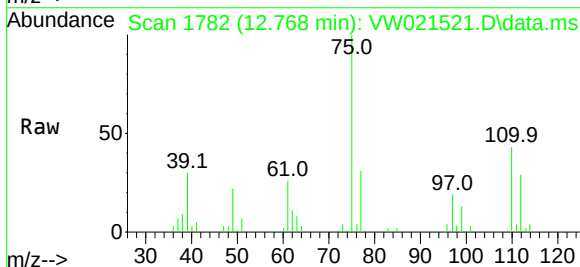
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

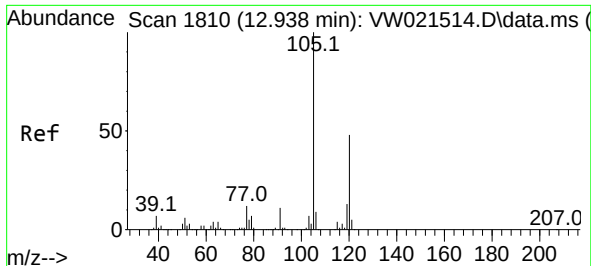
Tgt Ion:105 Resp: 146429
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 15.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 42.283 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion: 75 Resp: 24462
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 44.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.272 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

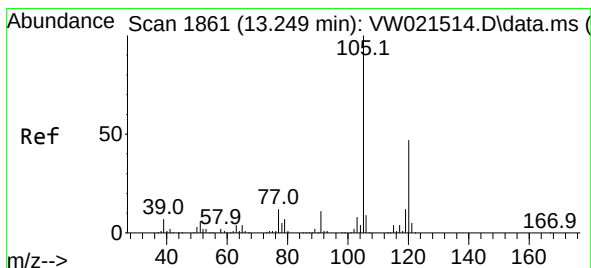
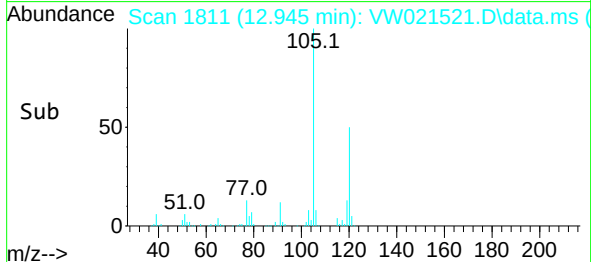
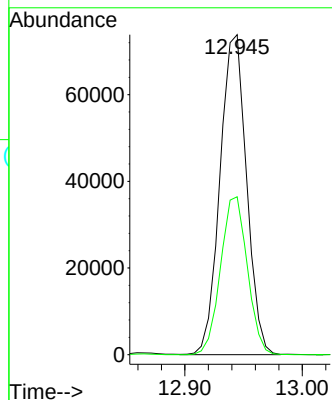
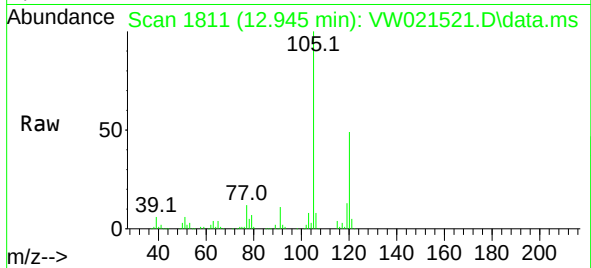
H0AN3MS

Tgt Ion:105 Resp: 116157

Ion Ratio Lower Upper

105 100

120 49.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.740 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021521.D

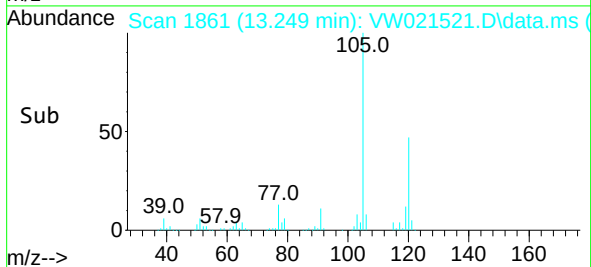
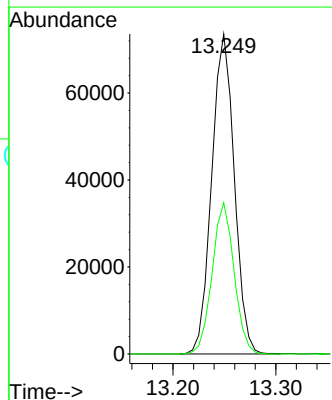
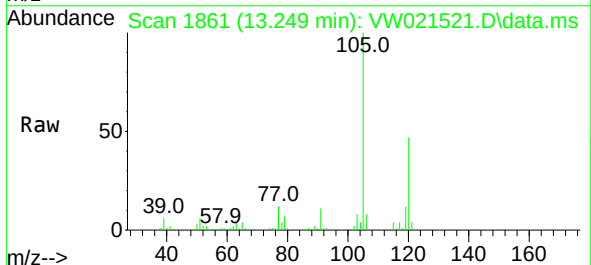
Acq: 21 Dec 2021 13:04

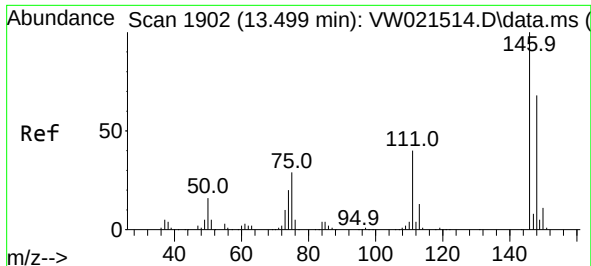
Tgt Ion:105 Resp: 112173

Ion Ratio Lower Upper

105 100

120 45.8 35.0 52.6

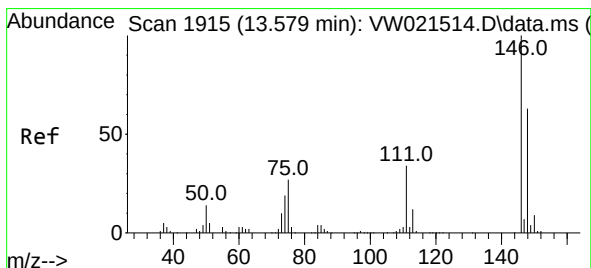
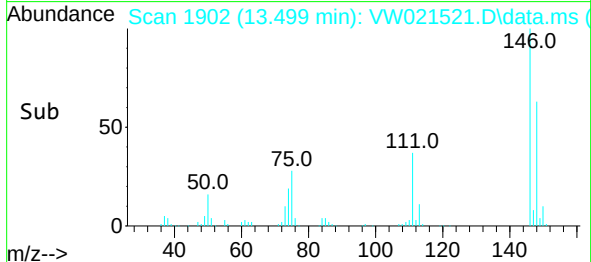
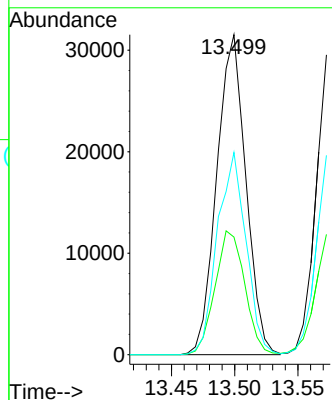
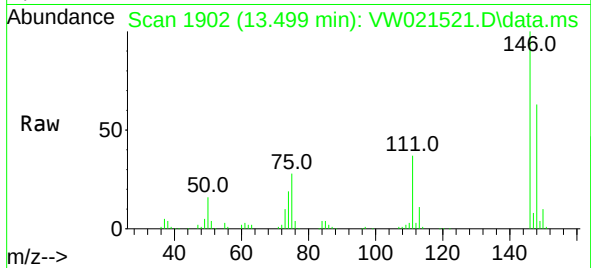




#64
1,3-Dichlorobenzene
Concen: 19.816 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

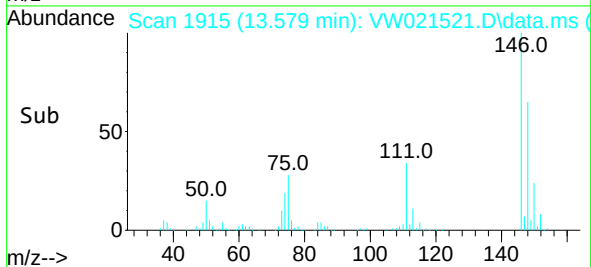
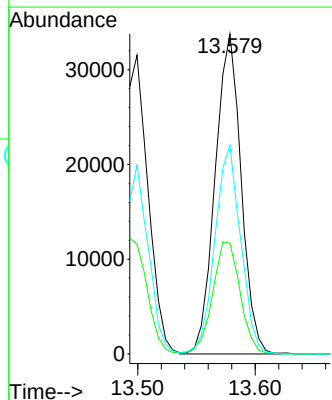
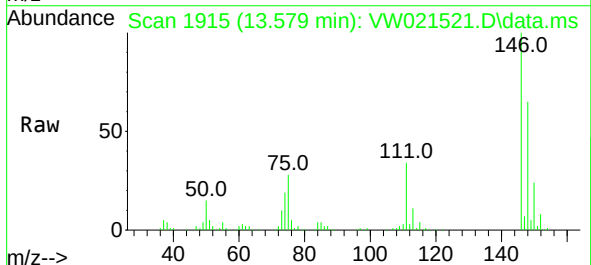
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

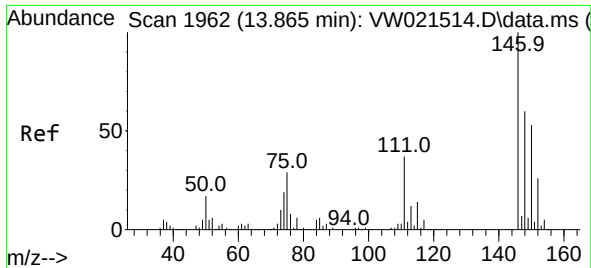
Tgt Ion:146 Resp: 50485
Ion Ratio Lower Upper
146 100
111 36.7 29.8 55.3
148 63.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.533 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion:146 Resp: 51975
Ion Ratio Lower Upper
146 100
111 34.5 29.0 53.9
148 65.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.838 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MS

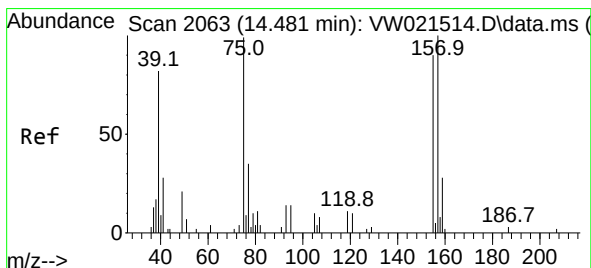
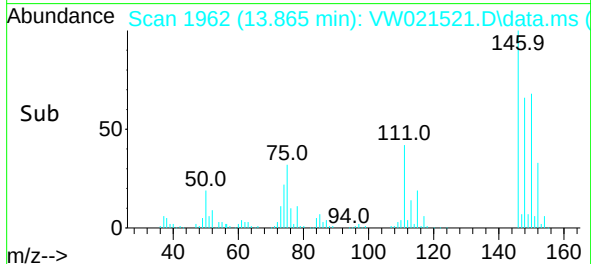
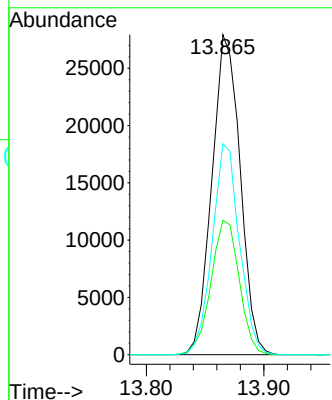
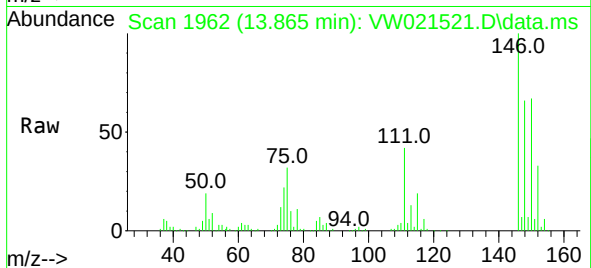
Tgt Ion:146 Resp: 46739

Ion Ratio Lower Upper

146 100

111 42.0 33.1 49.7

148 65.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 37.643 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021521.D

Acq: 21 Dec 2021 13:04

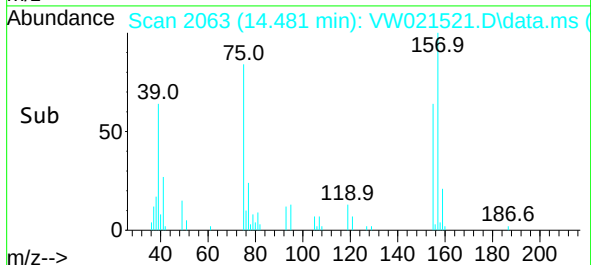
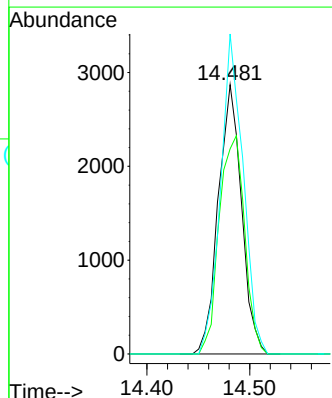
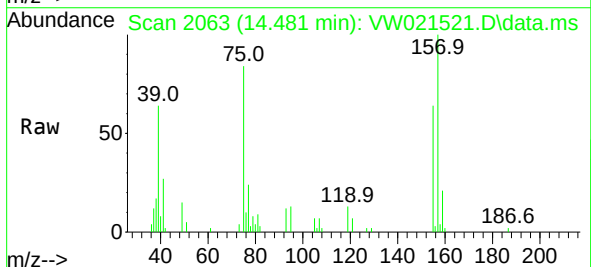
Tgt Ion: 75 Resp: 4492

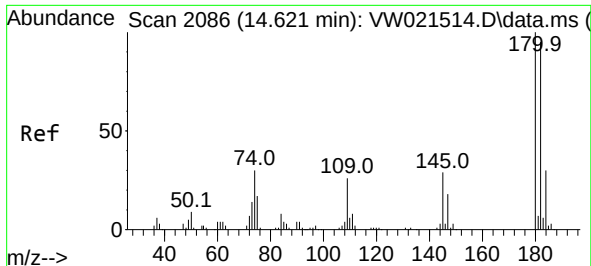
Ion Ratio Lower Upper

75 100

155 76.2 54.2 81.2

157 118.8 69.4 104.2#

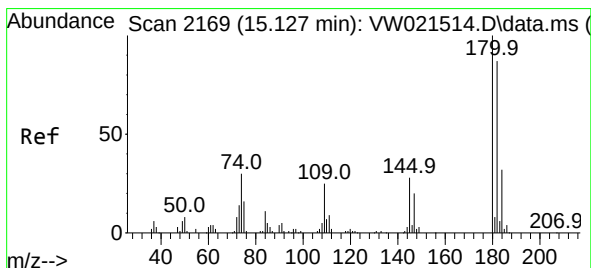
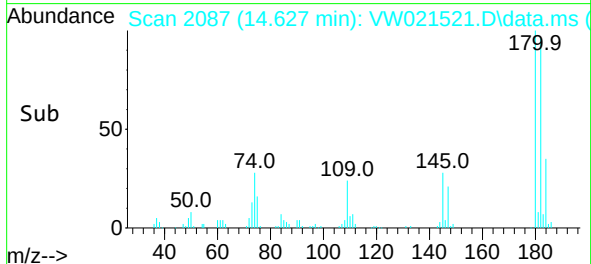
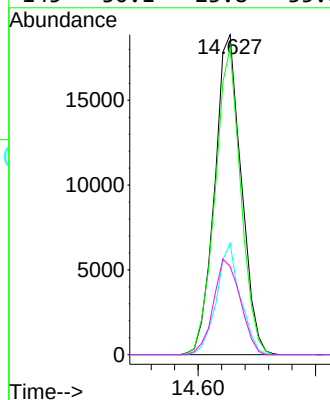
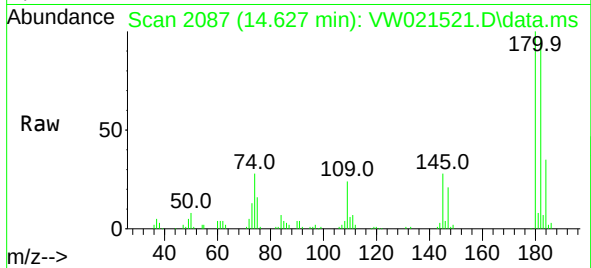




#69
1,3,5-Trichlorobenzene
Concen: 15.568 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

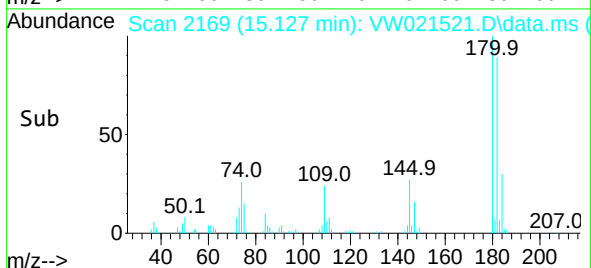
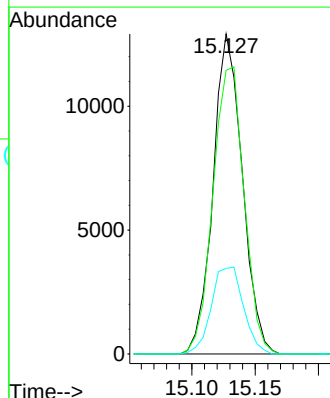
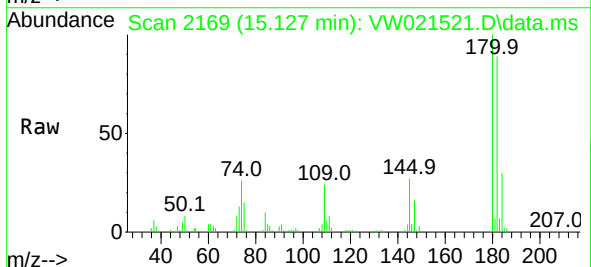
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

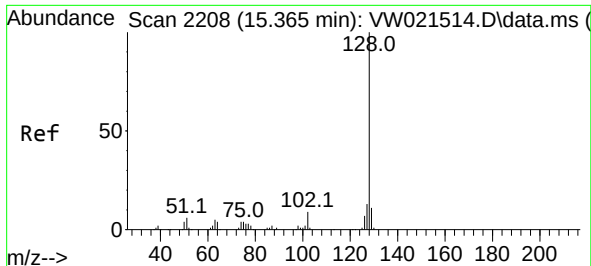
Tgt Ion:180 Resp: 29644
Ion Ratio Lower Upper
180 100
182 92.7 75.4 113.0
184 31.1 23.8 35.8
145 30.1 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 13.582 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion:180 Resp: 20802
Ion Ratio Lower Upper
180 100
182 95.4 79.0 118.6
145 29.7 26.0 39.0

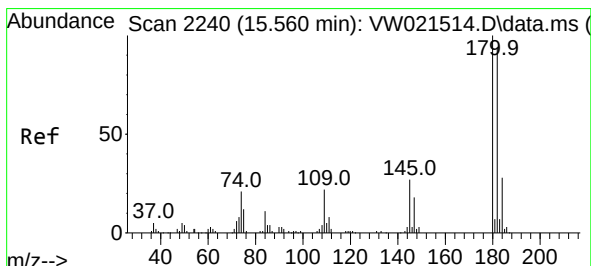
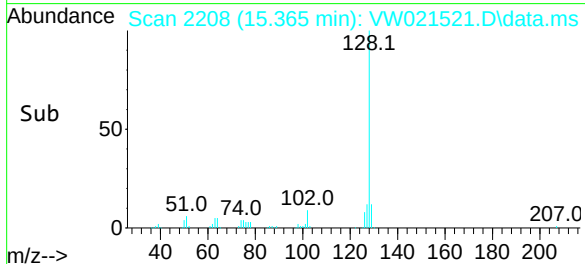
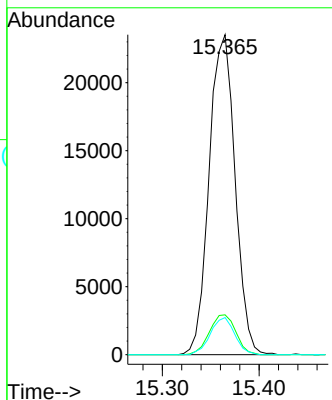
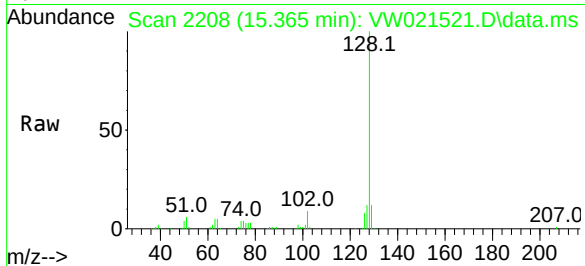




#71
Naphthalene
Concen: 17.641 ug/L
RT: 15.365 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Instrument :
MSVOA_W
ClientSampleId :
H0AN3MS

Tgt Ion:128	Resp:	43897
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.7 16.1
129	10.9	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 12.923 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.012 min
Lab File: VW021521.D
Acq: 21 Dec 2021 13:04

Tgt Ion:180	Resp:	16358
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.6 114.8
145	32.1	27.4 41.0

