

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020972.D
 Acq On : 29 Nov 2021 09:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 00:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 27 00:54:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	116822	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30925	22.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
7) Chloroethane-d5	2.891	69	23654	27.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.280%
11) 1,1-Dichloroethene-d2	4.025	63	66784	25.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.880%
21) 2-Butanone-d5	7.080	46	18039	53.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.660%
24) Chloroform-d	7.653	84	77015	26.164	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.640%
26) 1,2-Dichloroethane-d4	8.311	65	38663	25.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.275	84	143405	25.215	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.274	67	40896	25.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.323	98	145421	25.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	10.579	79	19311	25.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.920%
47) 2-Hexanone-d5	10.927	63	14623	54.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34650	27.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	56417	26.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	12050	35.641	ug/L	100
3) Chloromethane	2.221	50	21808	21.216	ug/L	95
5) Vinyl chloride	2.367	62	45694	25.701	ug/L	99
6) Bromomethane	2.782	94	29812	30.240	ug/L	99
8) Chloroethane	2.928	64	20453	27.364	ug/L	100
9) Trichlorofluoromethane	3.263	101	31726	30.635	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	41004	26.045	ug/L	90
12) 1,1-Dichloroethene	4.044	96	37186	25.405	ug/L	77
13) Acetone	4.129	43	14954	49.520	ug/L	92
14) Carbon disulfide	4.391	76	90693	22.910	ug/L	99
15) Methyl Acetate	4.678	43	13925	25.713	ug/L	# 88
16) Methylene chloride	4.922	84	37370	22.936	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	38426	24.358	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	61052	25.782	ug/L	93
19) 1,1-Dichloroethane	6.220	63	65723	25.144	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43082	25.339	ug/L	76
22) 2-Butanone	7.171	43	20140	49.088	ug/L	88
23) Bromochloromethane	7.519	128	19883	25.580	ug/L	# 71
25) Chloroform	7.683	83	73417	25.697	ug/L	100

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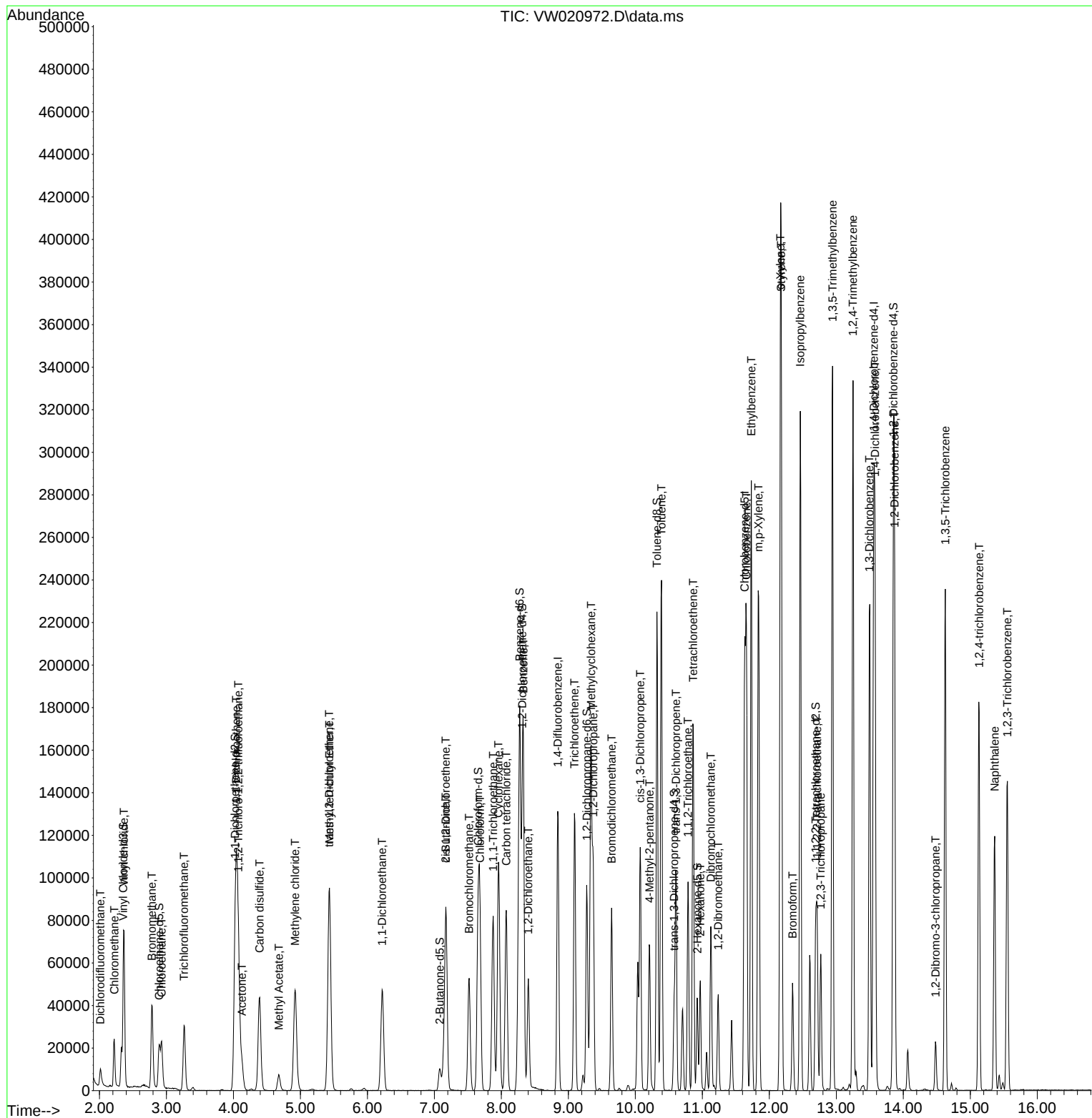
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44581	25.770	ug/L #	94
29) Cyclohexane	7.958	56	56502	23.486	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	66431	25.600	ug/L	94
31) Carbon tetrachloride	8.073	117	63265	25.759	ug/L	100
33) Benzene	8.329	78	150574	24.645	ug/L	100
34) Trichloroethene	9.091	95	43161	25.256	ug/L	89
35) Methylcyclohexane	9.341	83	68262	24.227	ug/L	86
37) 1,2-Dichloropropane	9.372	63	36405	25.602	ug/L #	96
38) Bromodichloromethane	9.646	83	53425	26.181	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	60264	25.669	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	43918	51.892	ug/L #	93
42) Toluene	10.390	91	177331	25.804	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	52950	25.663	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29068	26.284	ug/L	94
46) Tetrachloroethene	10.866	164	40421	25.761	ug/L	95
48) 2-Hexanone	10.969	43	32390	55.250	ug/L #	96
49) Dibromochloromethane	11.128	129	39011	25.587	ug/L	92
50) 1,2-Dibromoethane	11.237	107	29074	26.222	ug/L	98
51) Chlorobenzene	11.658	112	115048	25.171	ug/L	94
52) Ethylbenzene	11.731	91	195534	25.677	ug/L	97
53) m,p-Xylene	11.841	106	78406	25.218	ug/L	88
54) o-Xylene	12.164	106	76455	25.605	ug/L	82
55) Styrene	12.176	104	127259	25.667	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	33834	27.603	ug/L #	96
59) Bromoform	12.347	173	21668	24.348	ug/L #	98
60) Isopropylbenzene	12.463	105	206542	25.407	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23813	27.200	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	178685	26.056	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	174727	25.824	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	96271	25.259	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	96784	25.174	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	84464	25.149	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5300	25.322	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	74524	24.687	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	60056	24.318	ug/L	95
71) Naphthalene	15.365	128	104009	25.847	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	51521	24.722	ug/L	98

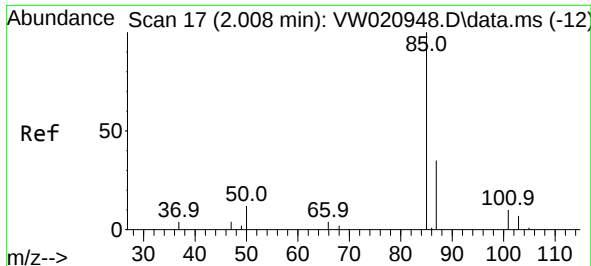
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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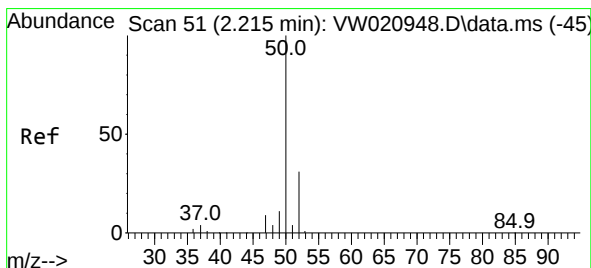
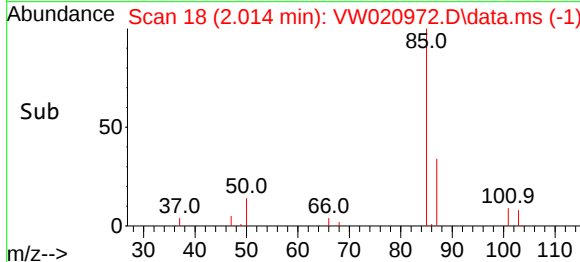
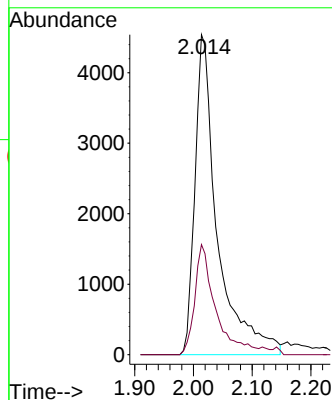
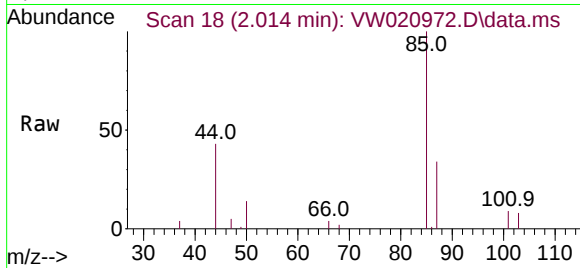




#2
 Dichlorodifluoromethane
 Concen: 35.641 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

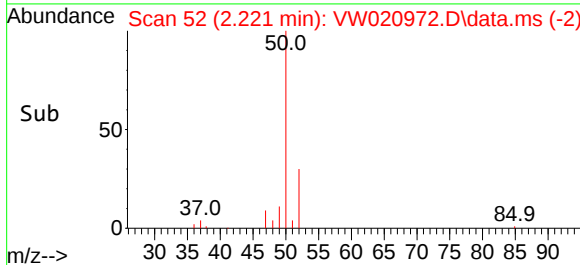
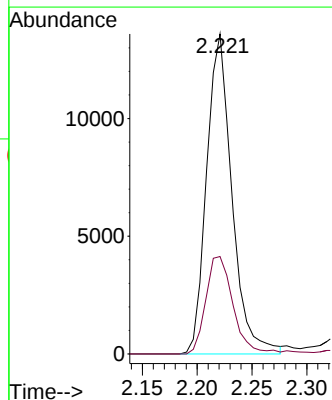
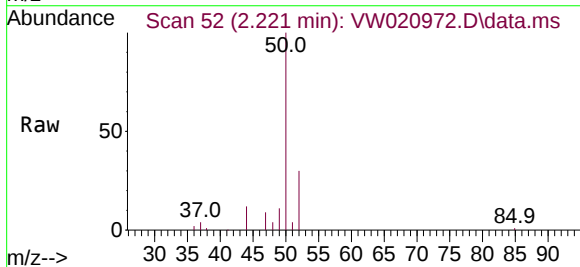
Instrument :
 MSVOA_W
 ClientSampleId :

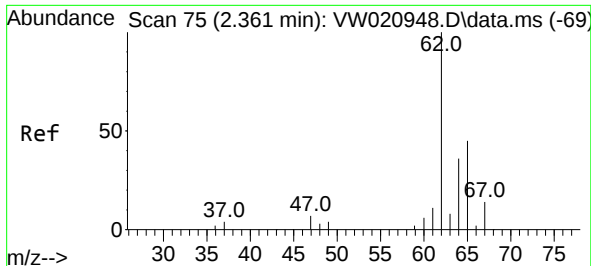
Tgt Ion: 85 Resp: 12050
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 21.216 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

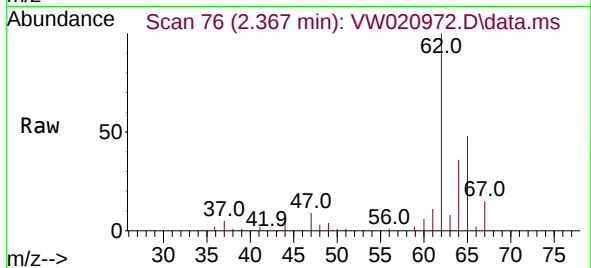
Tgt Ion: 50 Resp: 21808
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.4 43.6



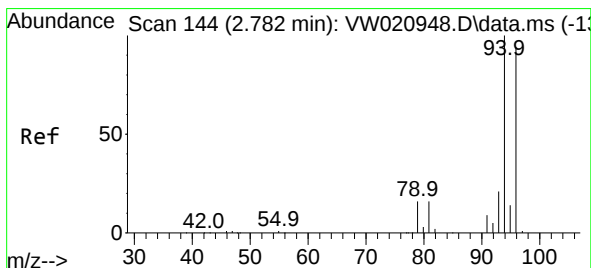
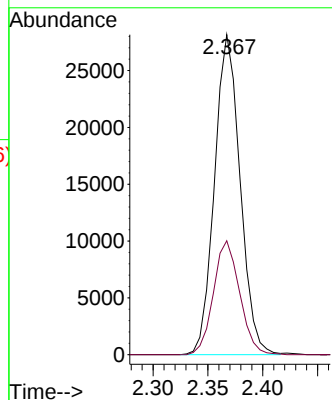
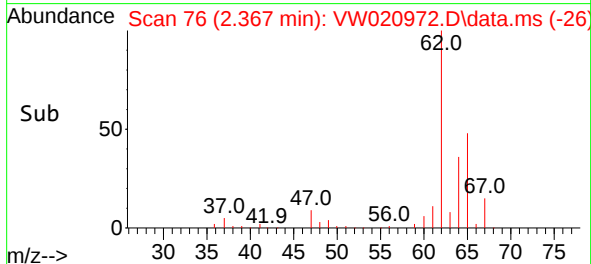


#5
 Vinyl chloride
 Concen: 25.701 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

Instrument :
 MSVOA_W
 ClientSampleId :

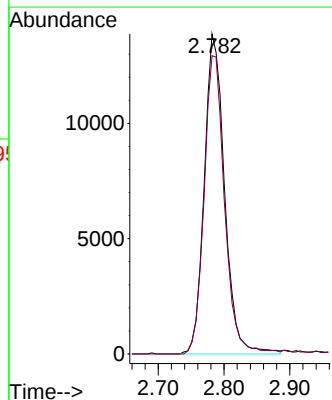
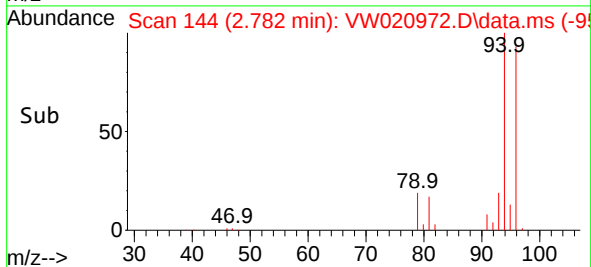
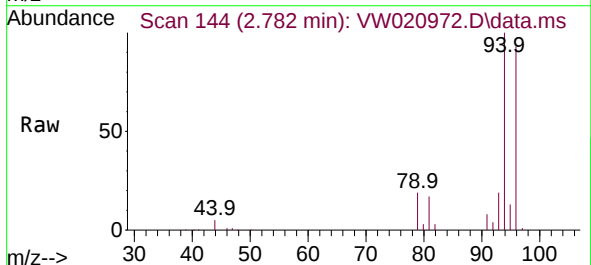


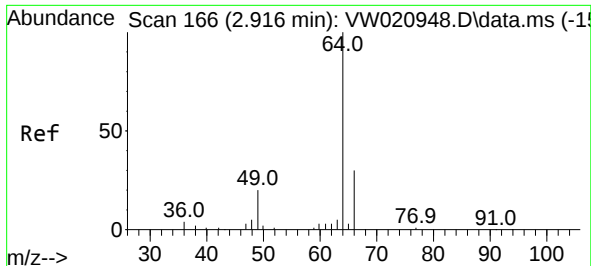
Tgt Ion: 62 Resp: 45694
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.4 45.2



#6
 Bromomethane
 Concen: 30.240 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

Tgt Ion: 94 Resp: 29812
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

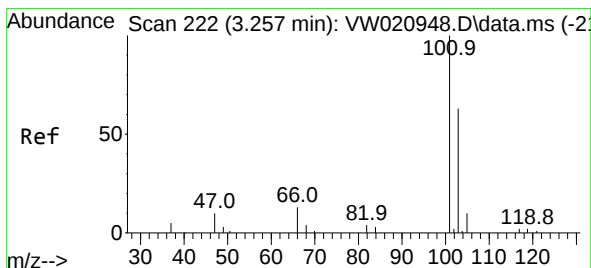
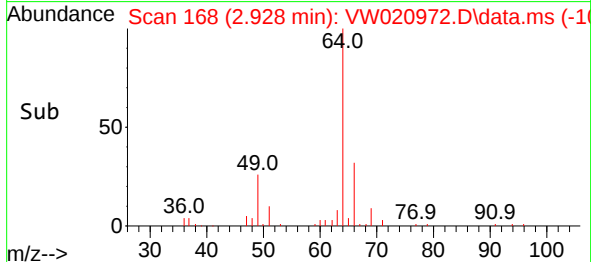
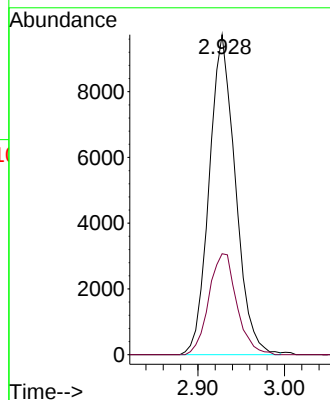
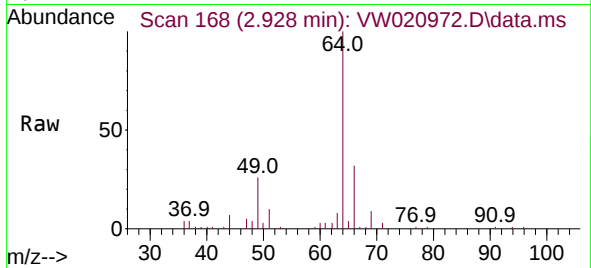




#8
Chloroethane
Concen: 27.364 ug/L
RT: 2.928 min Scan# 1
Delta R.T. 0.012 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

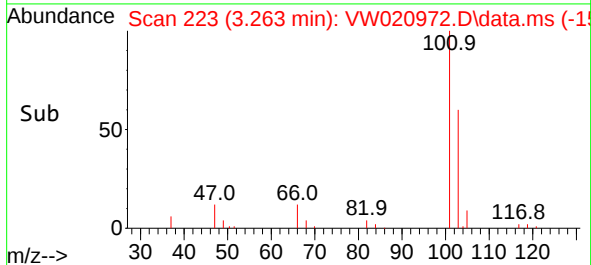
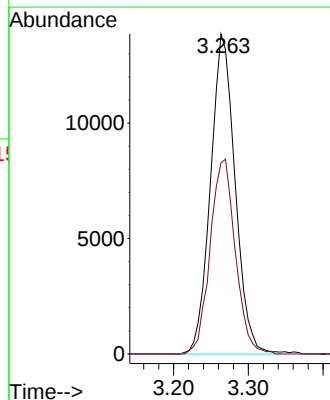
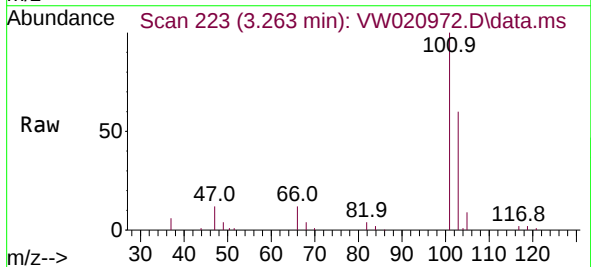
Instrument :
MSVOA_W
ClientSampleId :

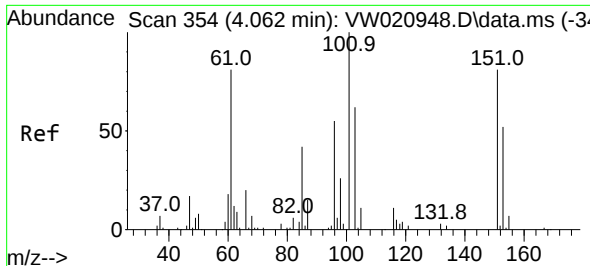
Tgt Ion: 64 Resp: 20453
Ion Ratio Lower Upper
64 100
66 31.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 30.635 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 101 Resp: 31726
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.045 ug/L

RT: 4.074 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW020972.D

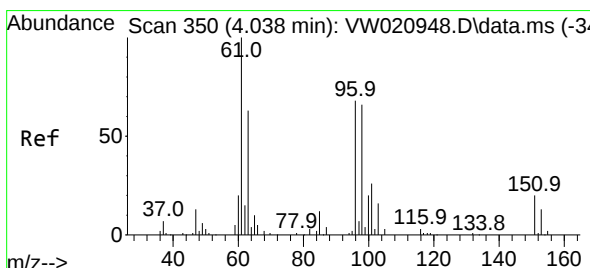
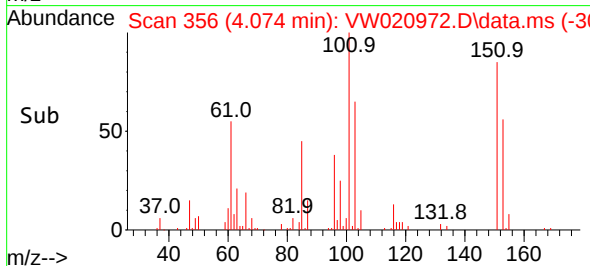
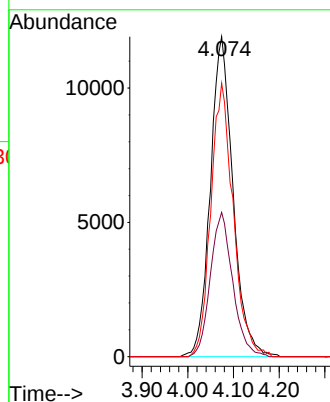
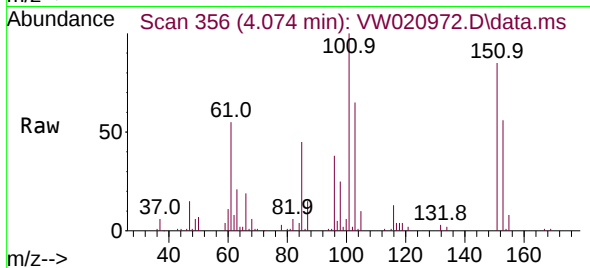
Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:101	Resp:	41004
Ion Ratio	Lower	Upper
101	100	
85	44.4	36.6 54.8
151	83.8	57.4 86.0



#12

1,1-Dichloroethene

Concen: 25.405 ug/L

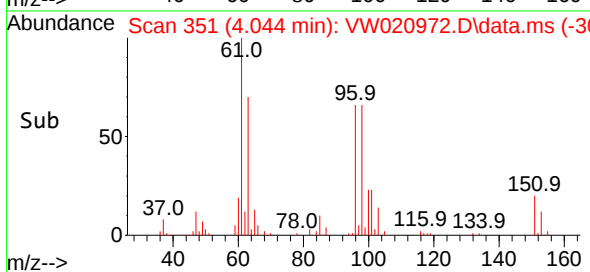
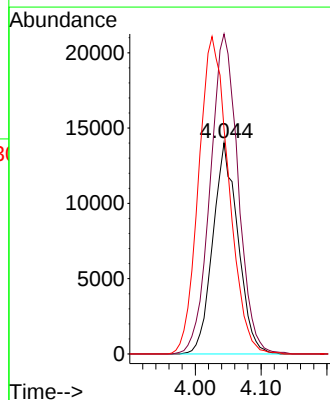
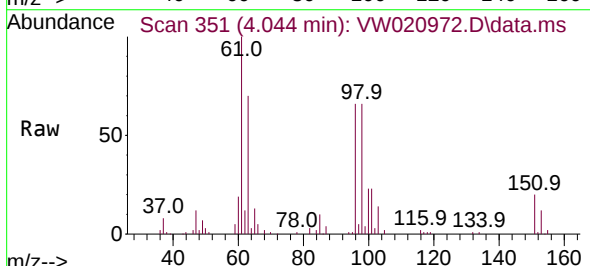
RT: 4.044 min Scan# 351

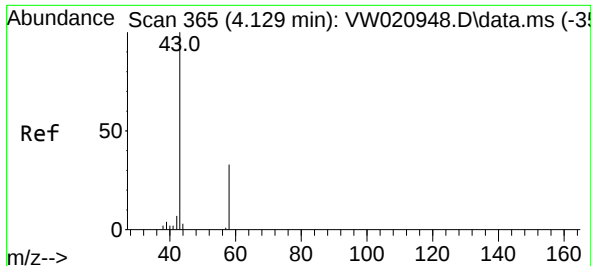
Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

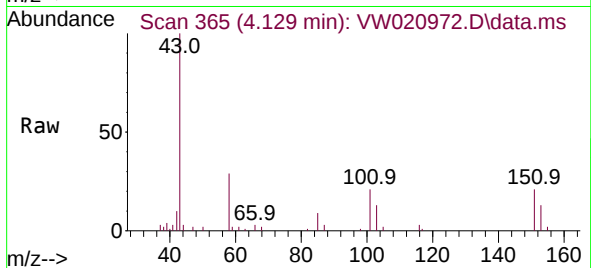
Tgt Ion: 96	Resp:	37186
Ion Ratio	Lower	Upper
96	100	
61	151.5	138.3 256.9
63	106.5	82.6 153.4



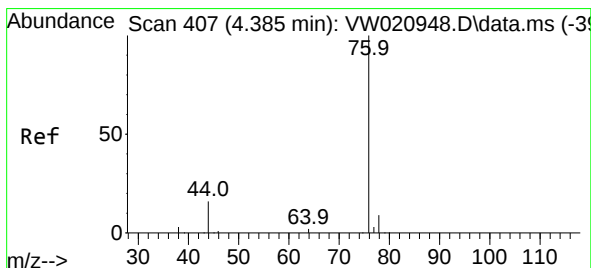
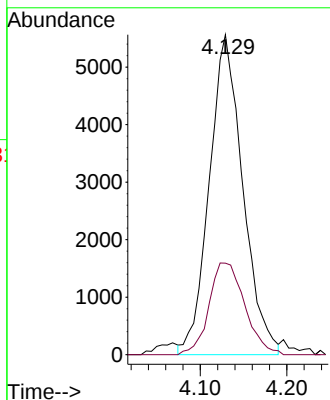
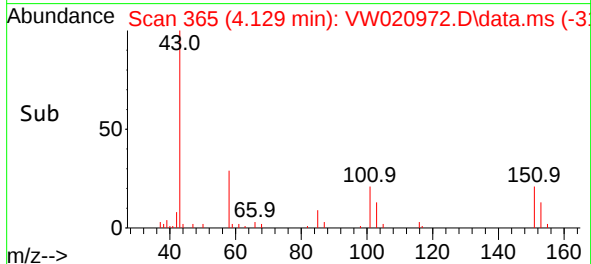


#13
Acetone
Concen: 49.520 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
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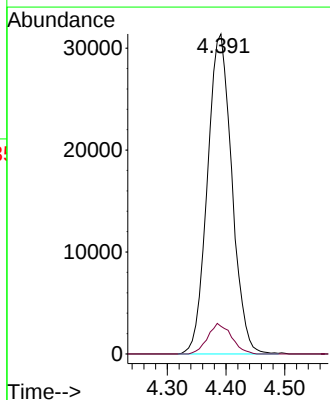
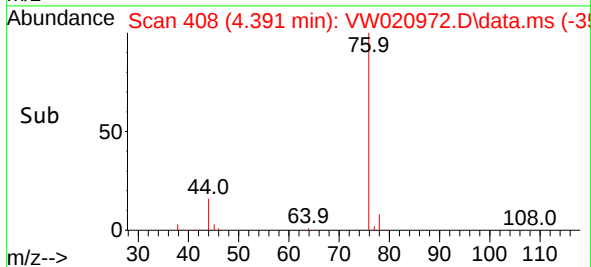
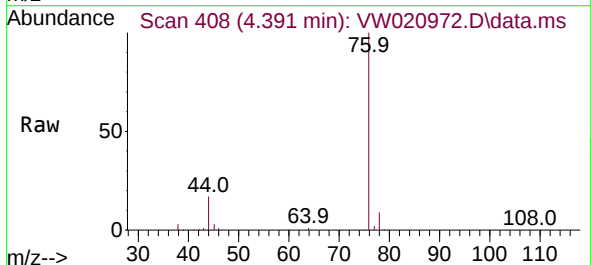


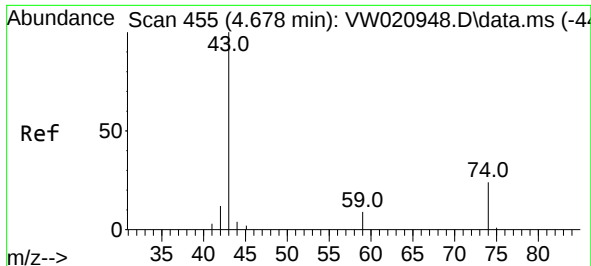
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Ion Ratio Lower Upper
43 100
58 30.6 0.0 52.8



#14
Carbon disulfide
Concen: 22.910 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 76 Resp: 90693
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

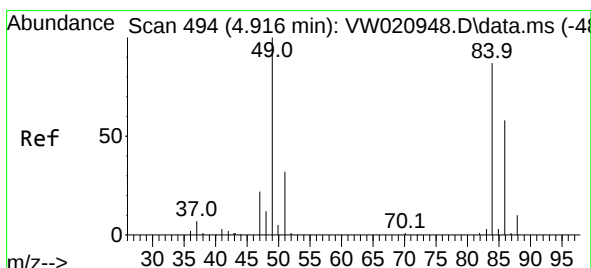
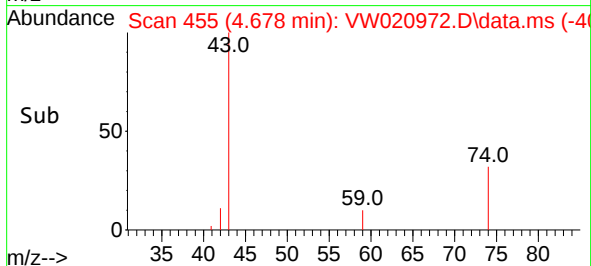
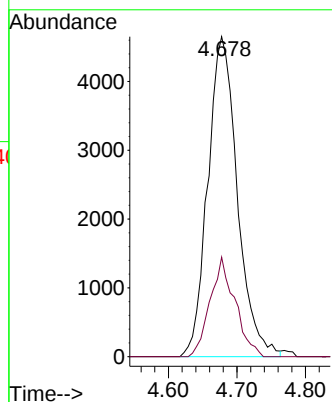
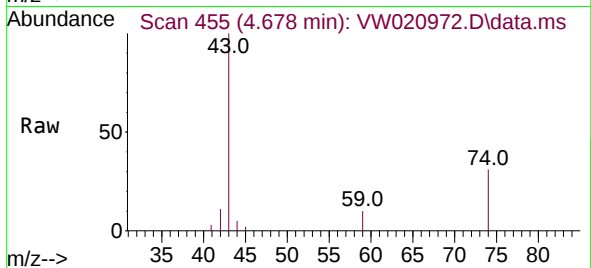




#15
Methyl Acetate
Concen: 25.713 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

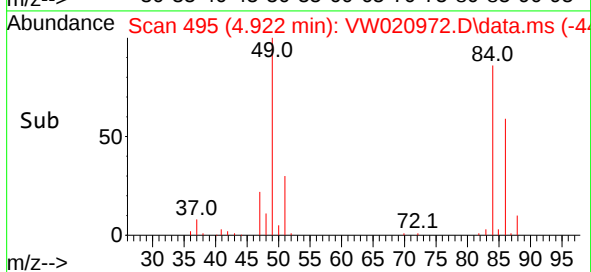
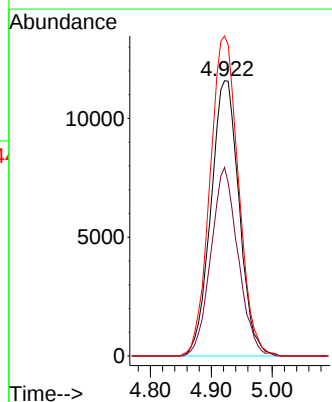
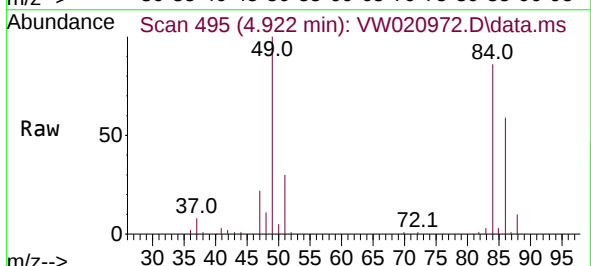
Instrument :
MSVOA_W
ClientSampleId :

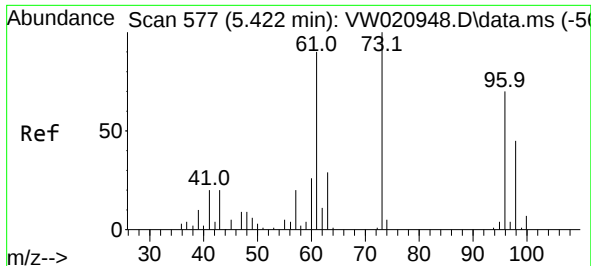
Tgt Ion: 43 Resp: 13925
Ion Ratio Lower Upper
43 100
74 26.2 16.4 24.6#



#16
Methylene chloride
Concen: 22.936 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 84 Resp: 37370
Ion Ratio Lower Upper
84 100
86 68.5 45.5 84.5
49 116.3 100.5 186.7

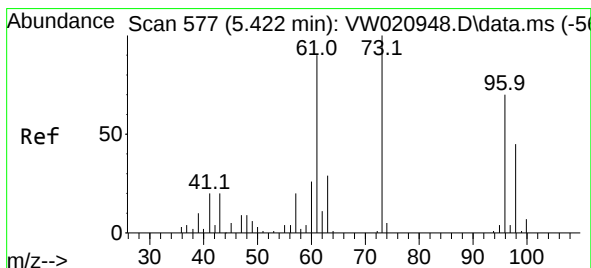
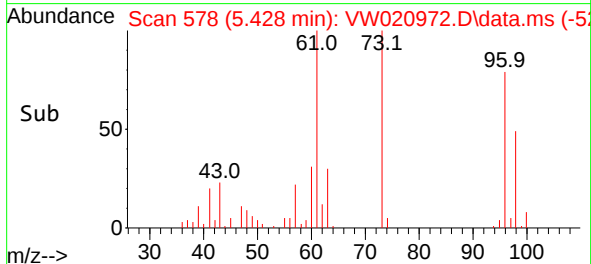
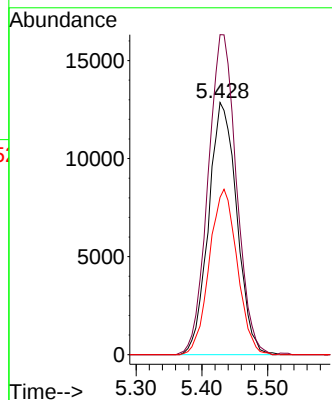
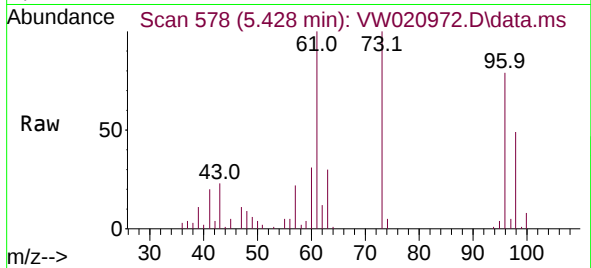




#17
trans-1,2-Dichloroethene
Concen: 24.358 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

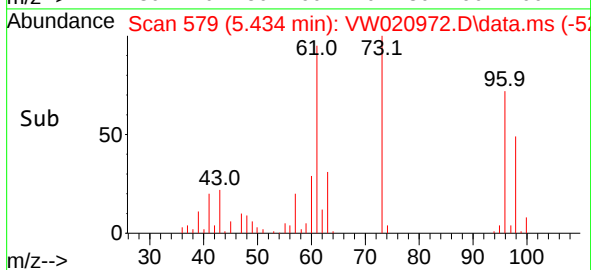
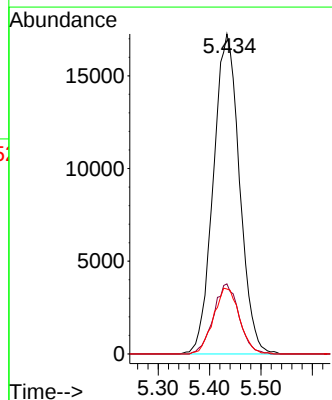
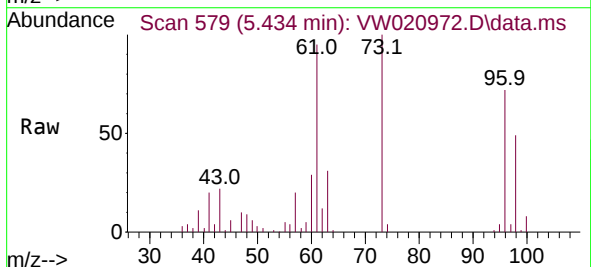
Instrument :
MSVOA_W
ClientSampleId :

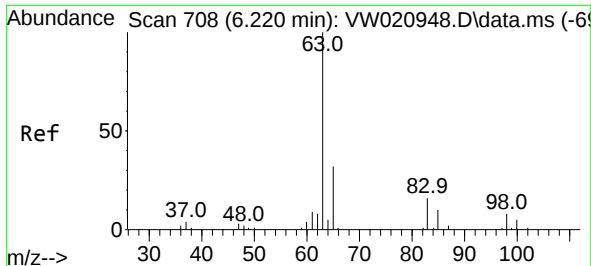
Tgt Ion: 96 Resp: 38426
Ion Ratio Lower Upper
96 100
61 126.9 107.4 199.4
98 62.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.782 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 73 Resp: 61052
Ion Ratio Lower Upper
73 100
43 21.3 19.5 29.3
57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.144 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

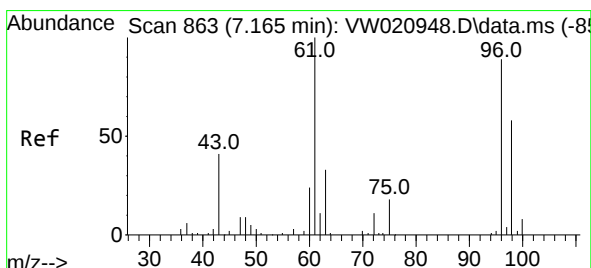
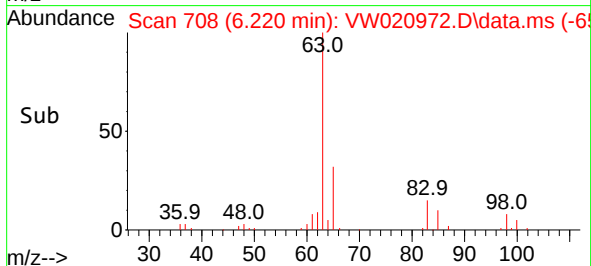
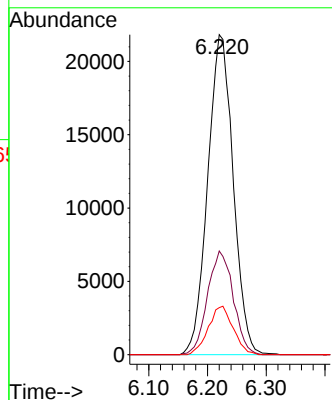
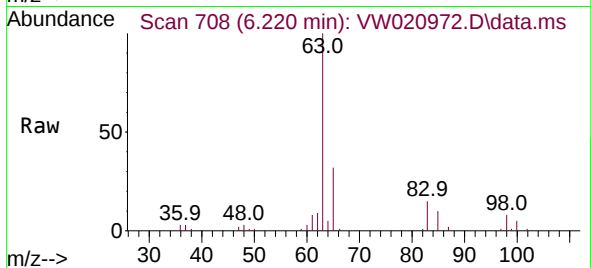
Tgt Ion: 63 Resp: 65723

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 14.7 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.339 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

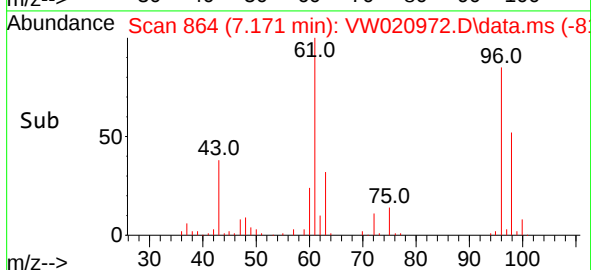
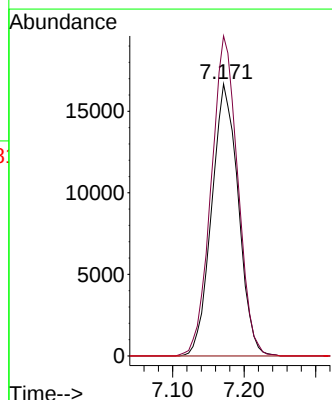
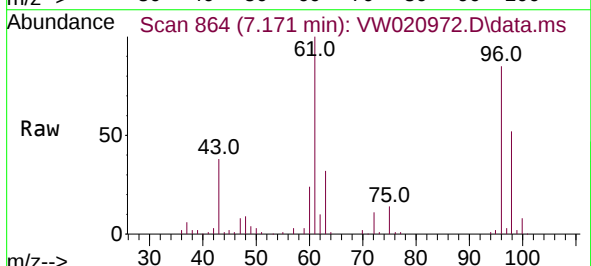
Tgt Ion: 96 Resp: 43082

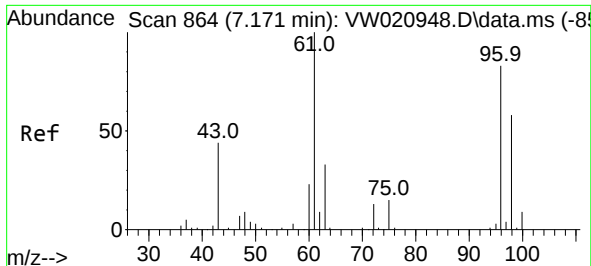
Ion Ratio Lower Upper

96 100

61 117.7 103.7 192.7

68 0.0 0.0 0.0

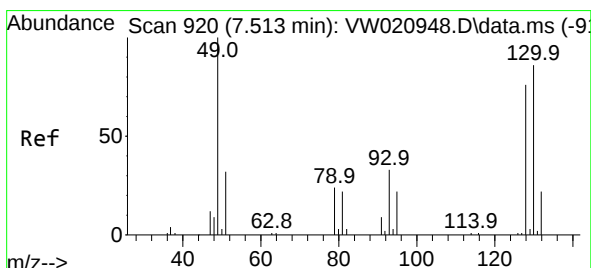
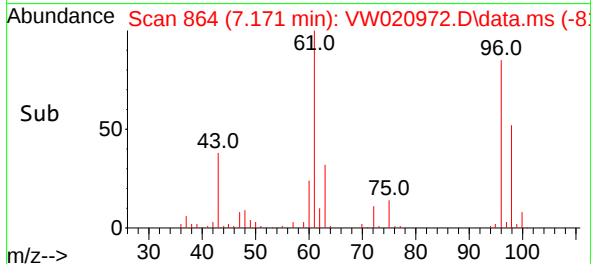
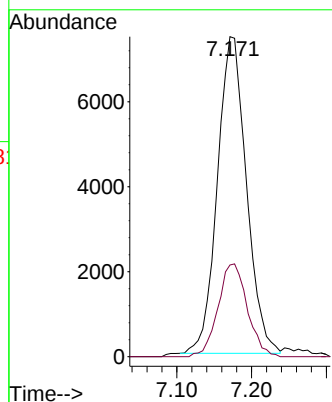
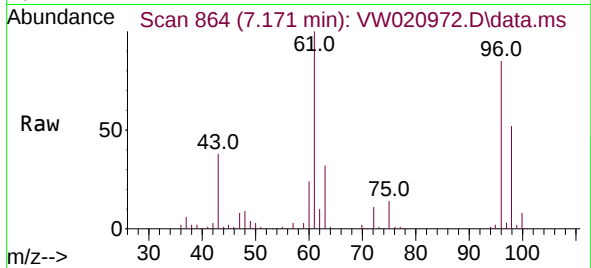




#22
2-Butanone
Concen: 49.088 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

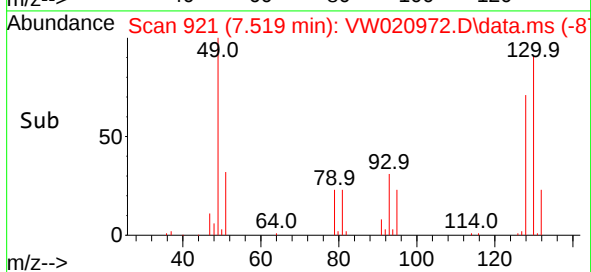
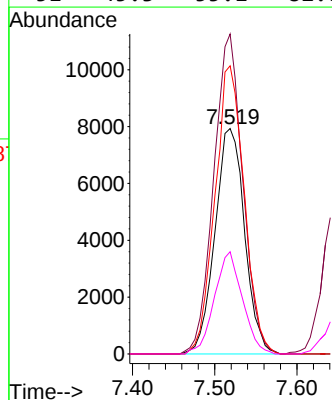
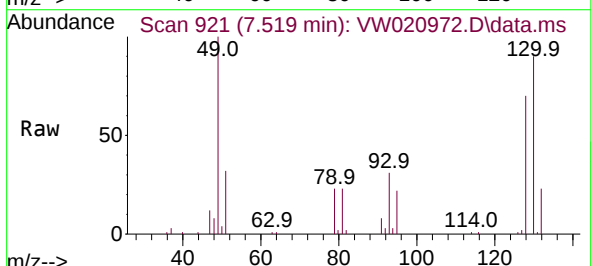
Instrument :
MSVOA_W
ClientSampleId :

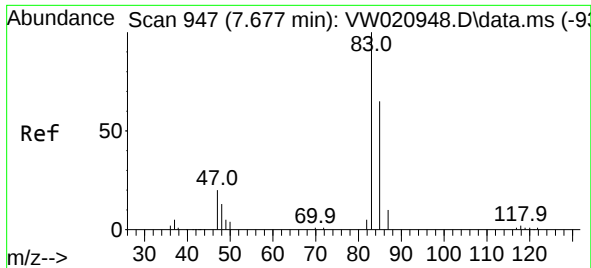
Tgt Ion: 43 Resp: 20140
Ion Ratio Lower Upper
43 100
72 29.5 11.8 35.4



#23
Bromochloromethane
Concen: 25.580 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 128 Resp: 19883
Ion Ratio Lower Upper
128 100
49 142.0 150.3 279.1#
130 127.8 88.3 163.9
51 45.3 55.1 82.7#

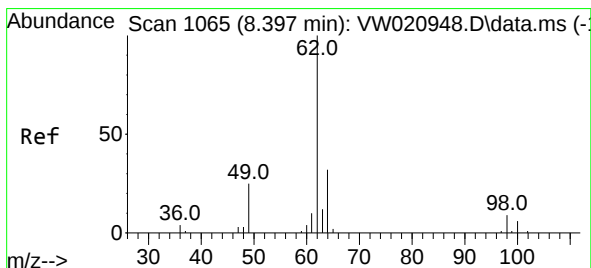
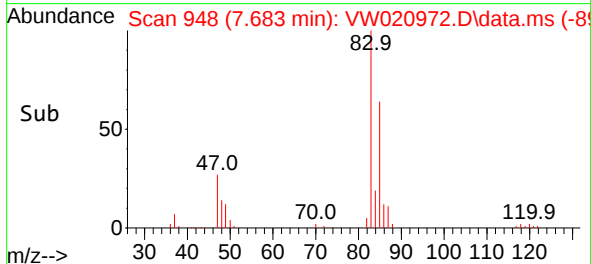
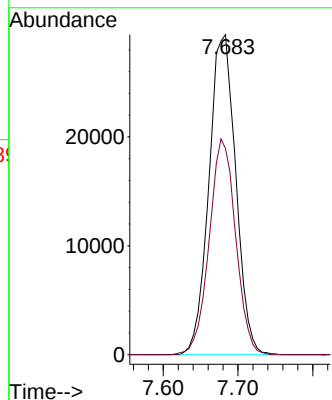
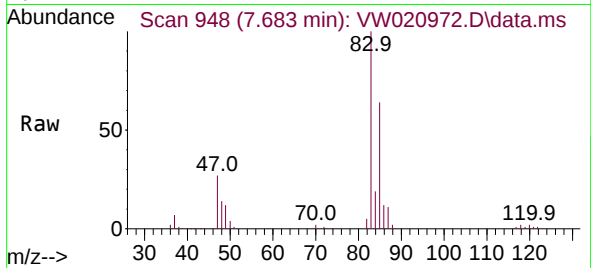




#25
Chloroform
Concen: 25.697 ug/L
RT: 7.683 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

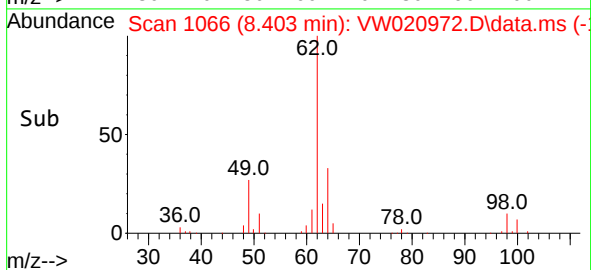
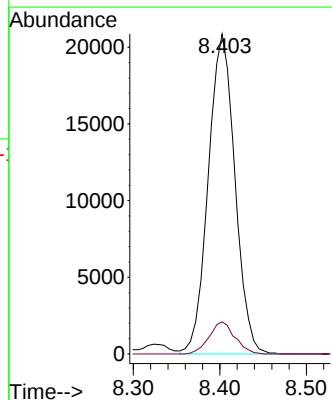
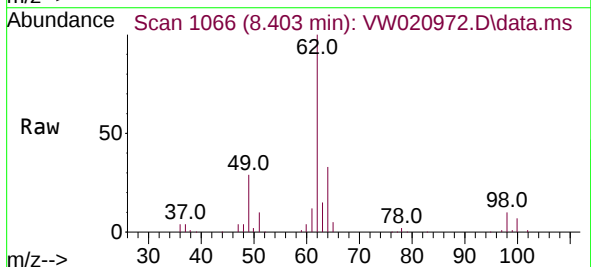
Instrument :
MSVOA_W
ClientSampleId :

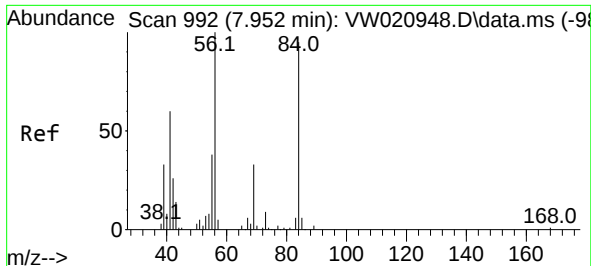
Tgt Ion: 83 Resp: 73417
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.770 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 62 Resp: 44581
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#





#29

Cyclohexane

Concen: 23.486 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

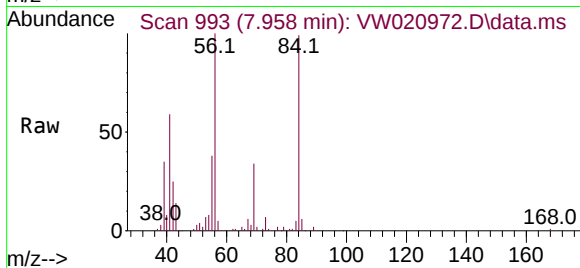
Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :



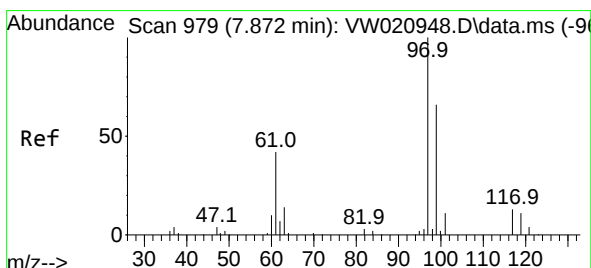
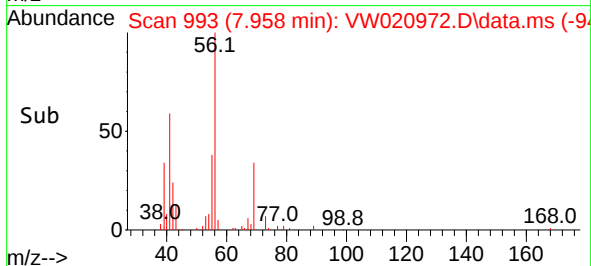
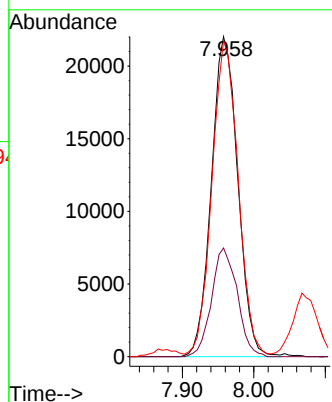
Tgt Ion: 56 Resp: 56502

Ion Ratio Lower Upper

56 100

69 33.0 23.5 35.3

84 98.2 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 25.600 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

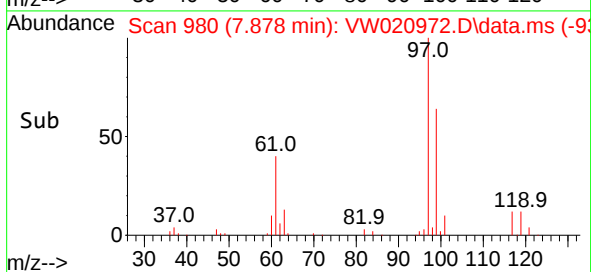
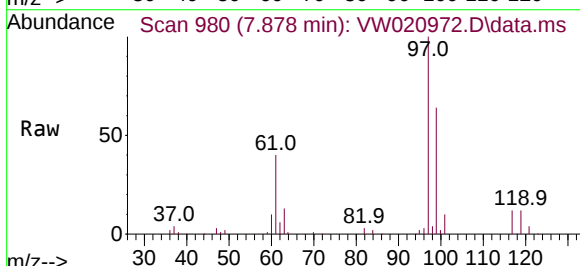
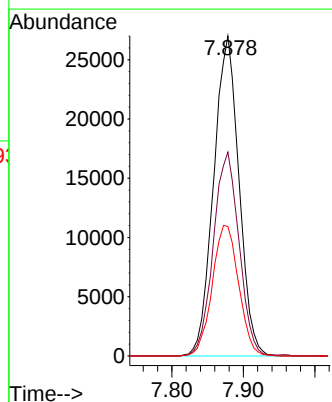
Tgt Ion: 97 Resp: 66431

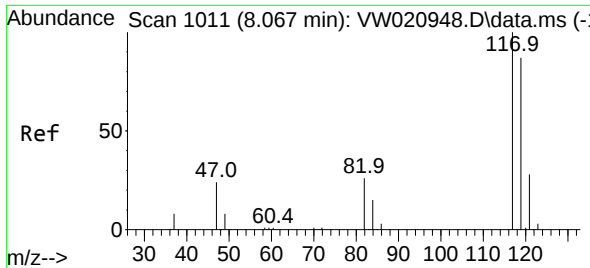
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 42.6 40.9 61.3

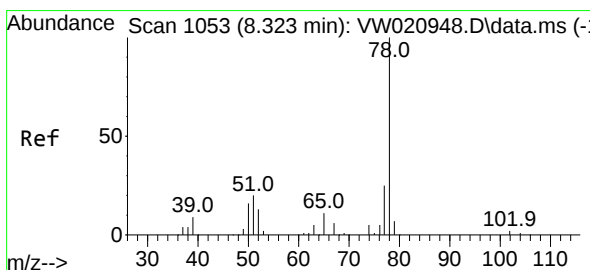
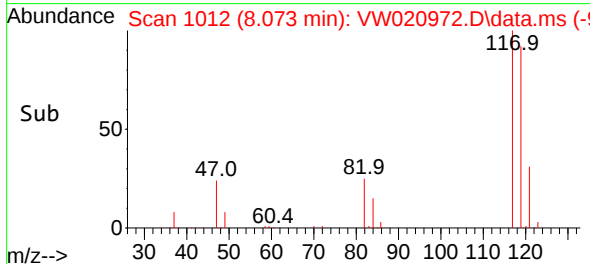
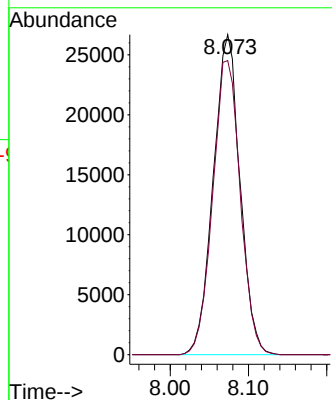
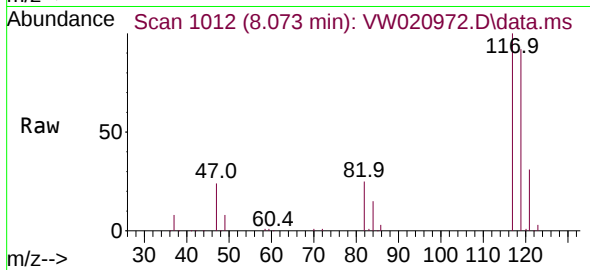




#31
Carbon tetrachloride
Concen: 25.759 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

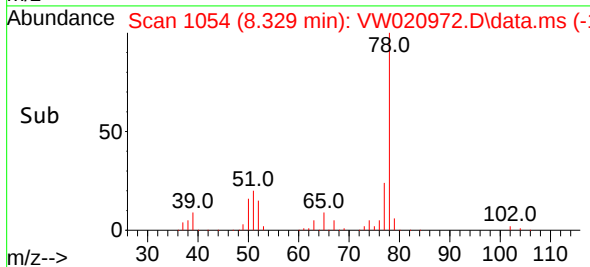
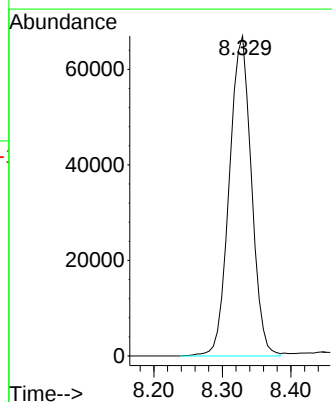
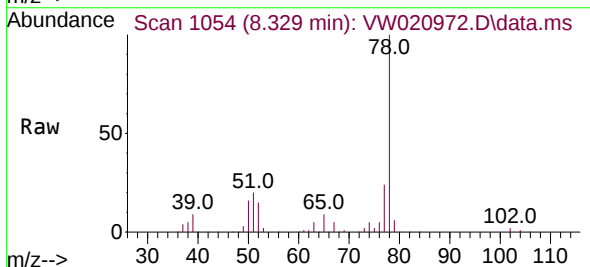
Instrument :
MSVOA_W
ClientSampleId :

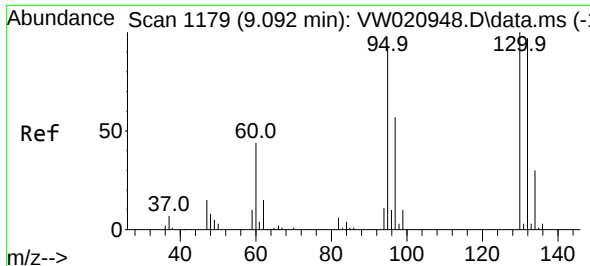
Tgt Ion:117 Resp: 63265
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 24.645 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 78 Resp: 150574

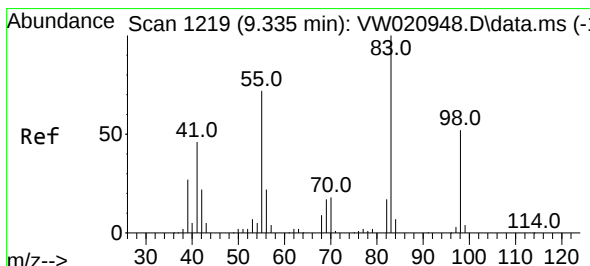
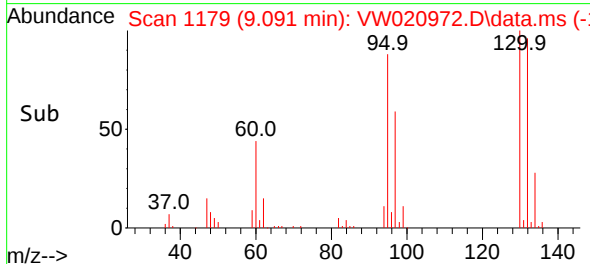
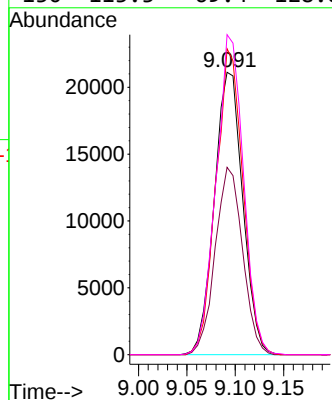
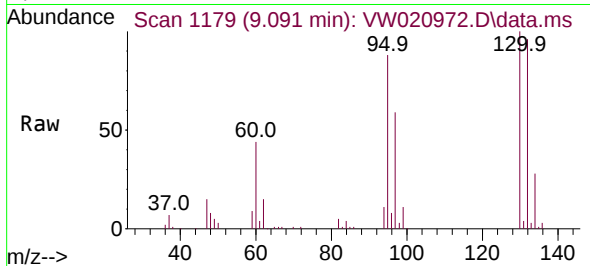




#34
Trichloroethene
Concen: 25.256 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

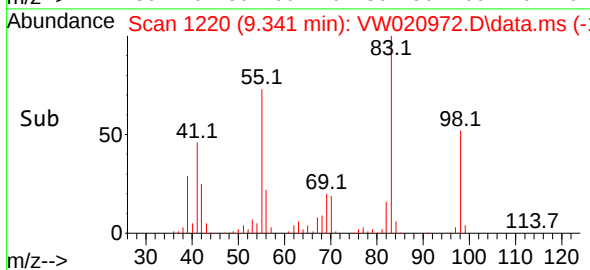
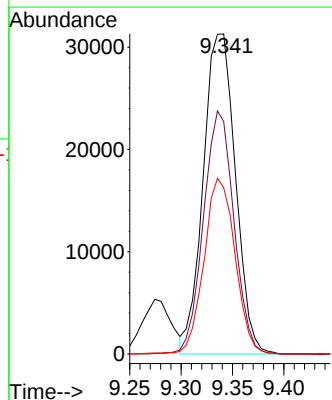
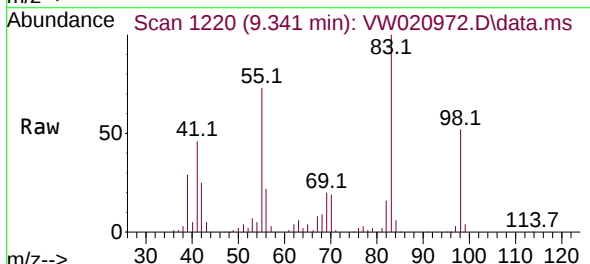
Instrument :
MSVOA_W
ClientSampleId :

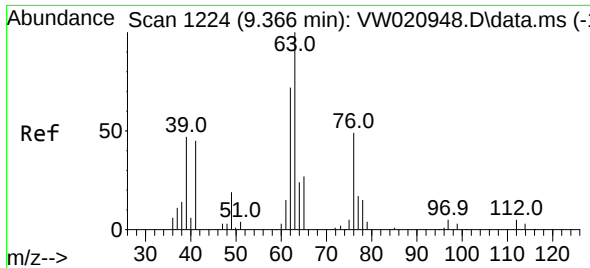
Tgt Ion: 95 Resp: 43161
Ion Ratio Lower Upper
95 100
97 66.4 47.0 87.2
132 108.4 65.5 121.6
130 113.3 69.4 128.8



#35
Methylcyclohexane
Concen: 24.227 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 83 Resp: 68262
Ion Ratio Lower Upper
83 100
55 71.8 70.8 106.2
98 52.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.602 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

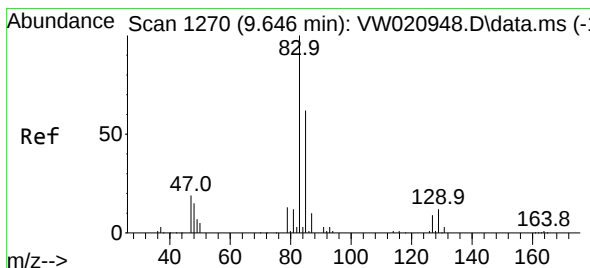
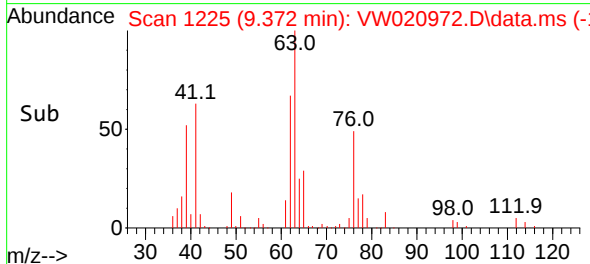
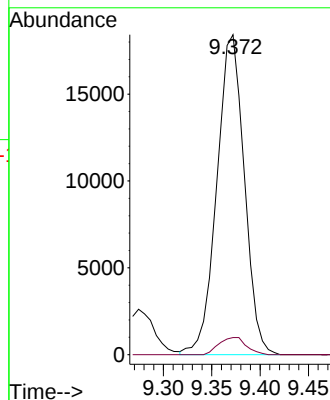
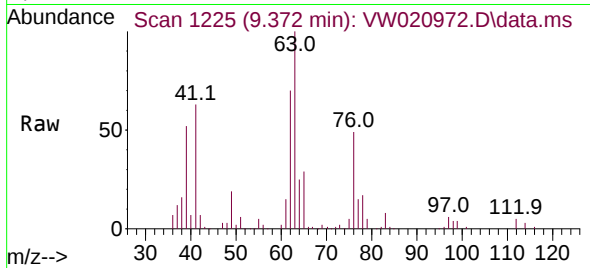
ClientSampleId :

Tgt Ion: 63 Resp: 36405

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.181 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

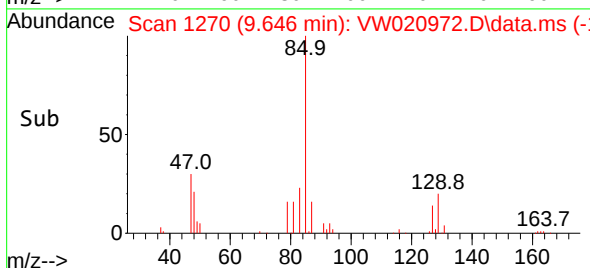
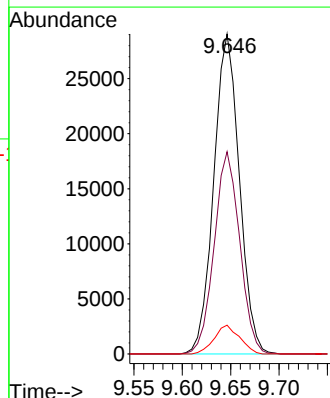
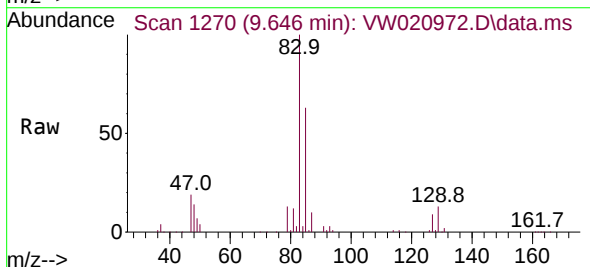
Tgt Ion: 83 Resp: 53425

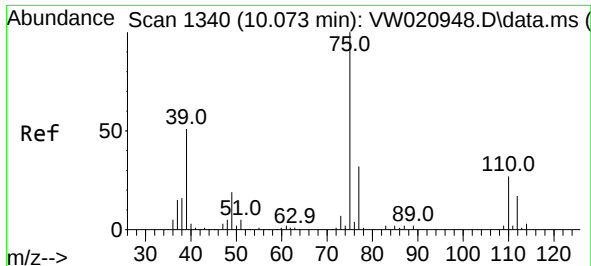
Ion Ratio Lower Upper

83 100

85 63.2 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.669 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

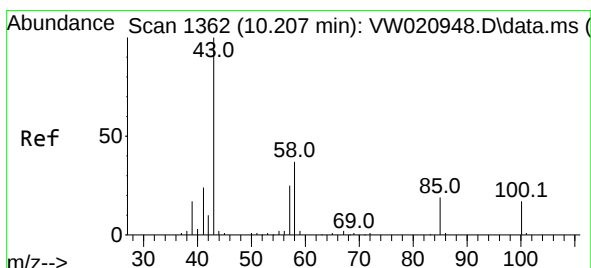
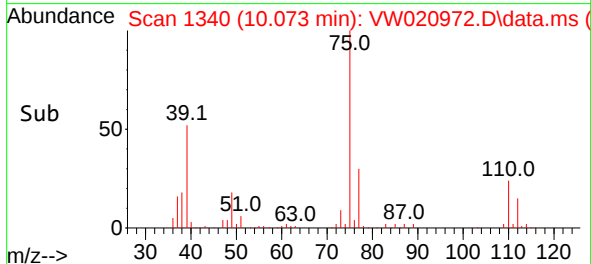
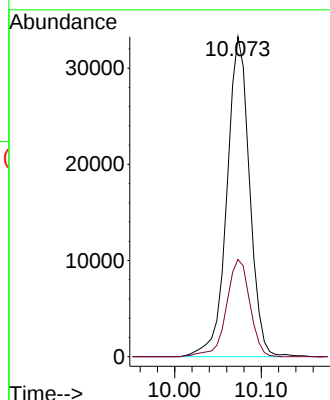
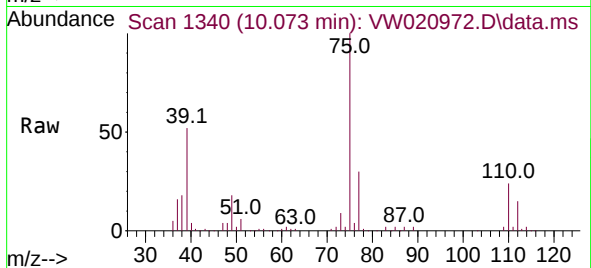
ClientSampleId :

Tgt Ion: 75 Resp: 60264

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.892 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

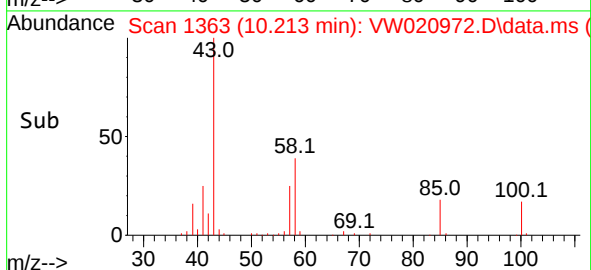
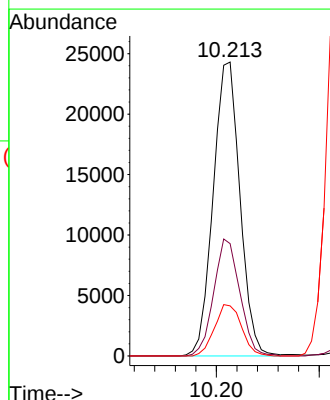
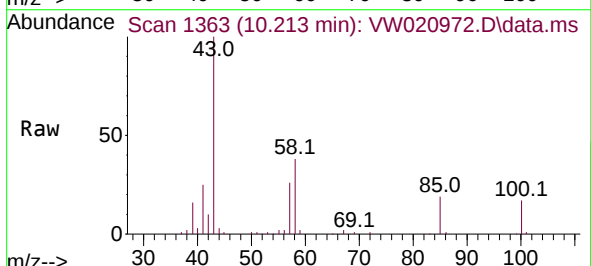
Tgt Ion: 43 Resp: 43918

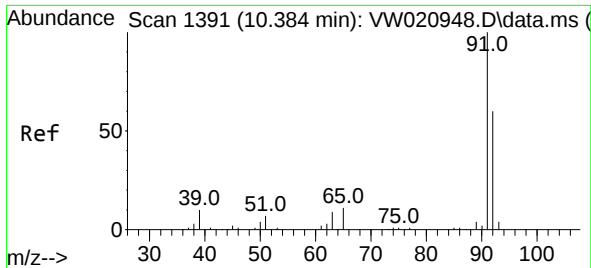
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

100 17.6 10.0 15.0#

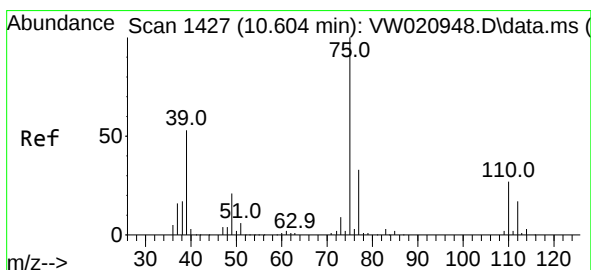
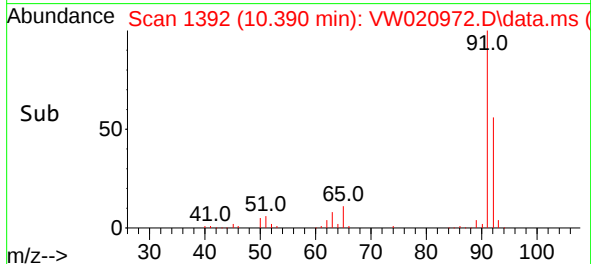
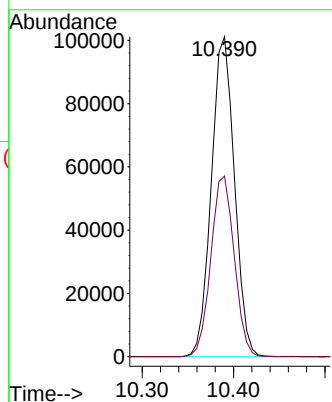
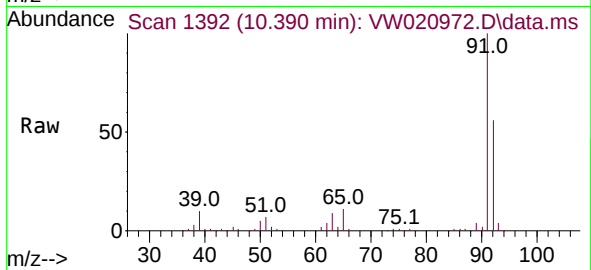




#42
Toluene
Concen: 25.804 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

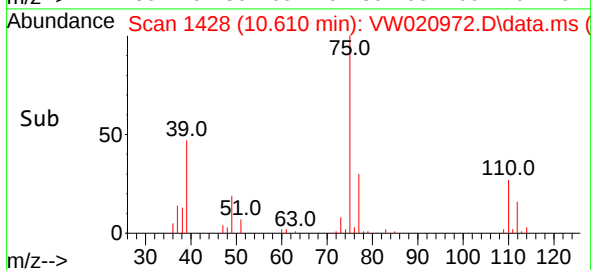
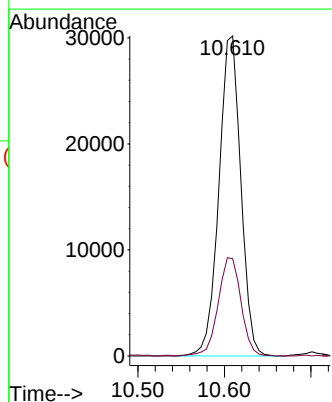
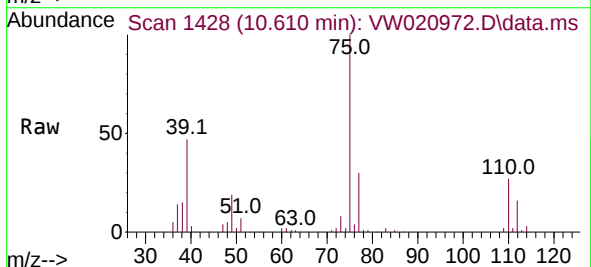
Instrument :
MSVOA_W
ClientSampleId :

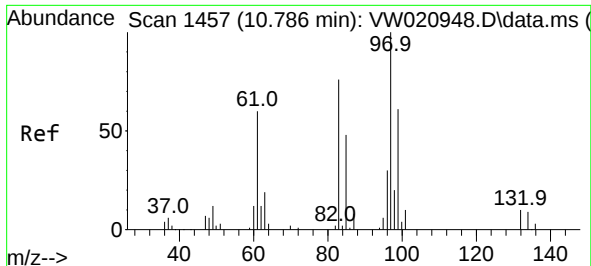
Tgt Ion: 91 Resp: 177331
Ion Ratio Lower Upper
91 100
92 56.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.663 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion: 75 Resp: 52950
Ion Ratio Lower Upper
75 100
77 30.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.284 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 29068

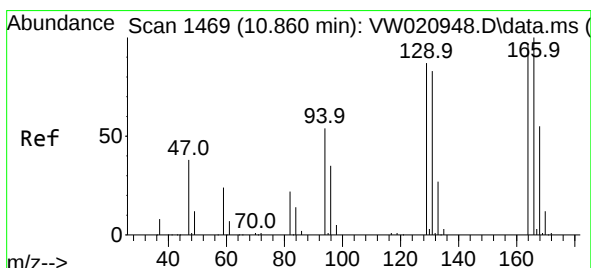
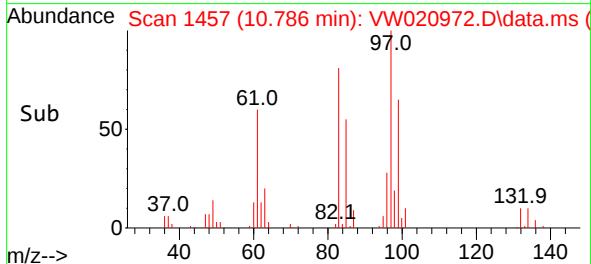
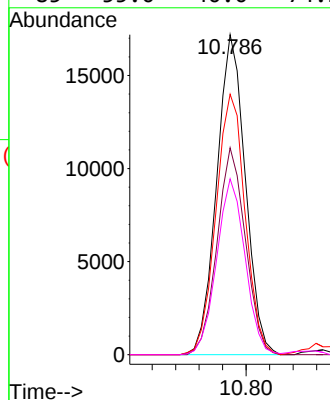
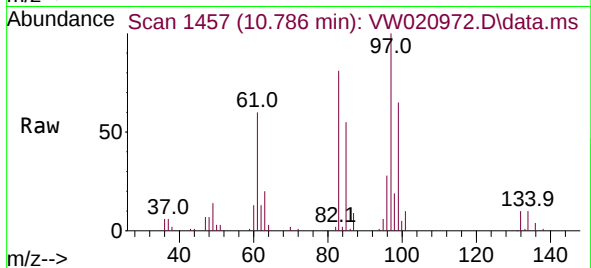
Ion Ratio Lower Upper

97 100

99 64.7 43.0 79.8

83 81.4 62.6 116.3

85 55.0 40.0 74.2



#46

Tetrachloroethene

Concen: 25.761 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Tgt Ion:164 Resp: 40421

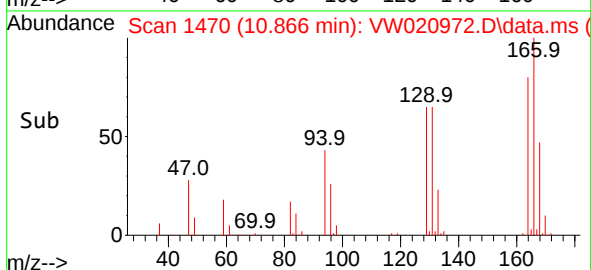
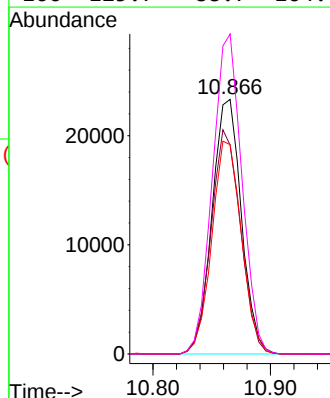
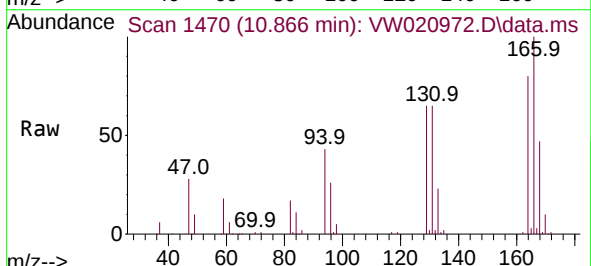
Ion Ratio Lower Upper

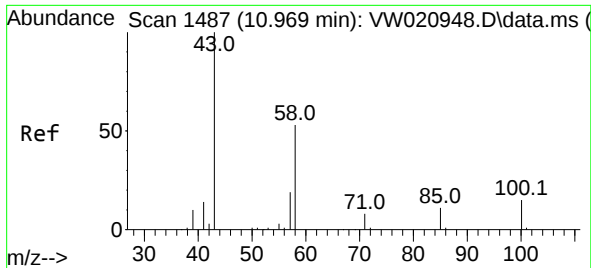
164 100

129 82.0 65.5 121.7

131 82.2 59.7 110.9

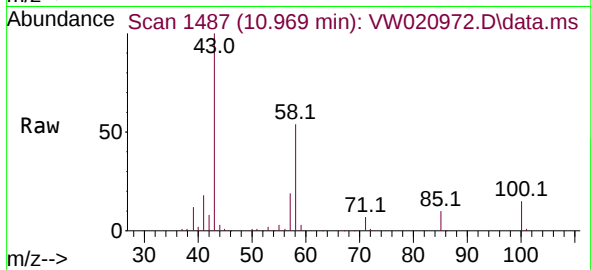
166 125.7 88.7 164.7



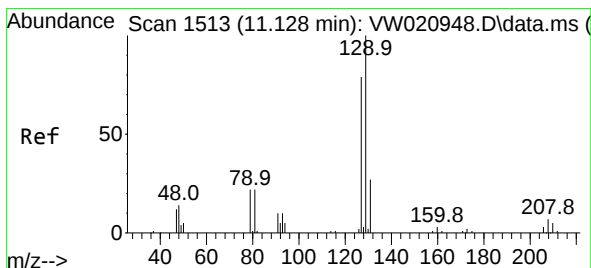
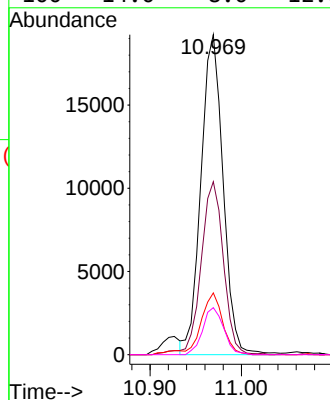
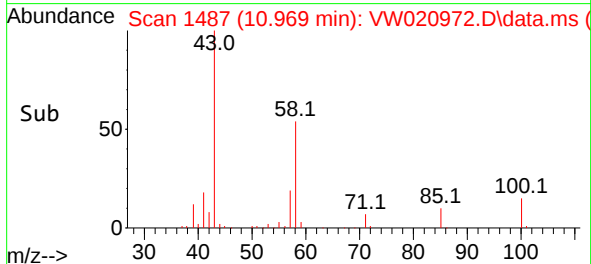


#48
2-Hexanone
Concen: 55.250 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Instrument :
MSVOA_W
ClientSampleId :

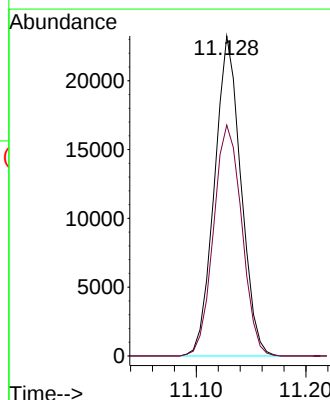
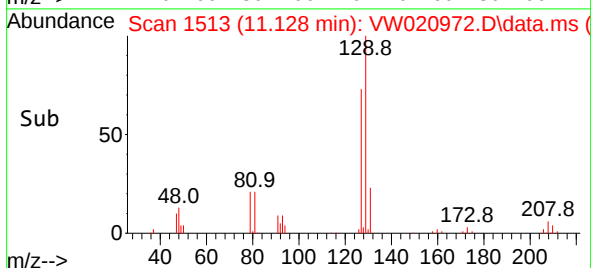
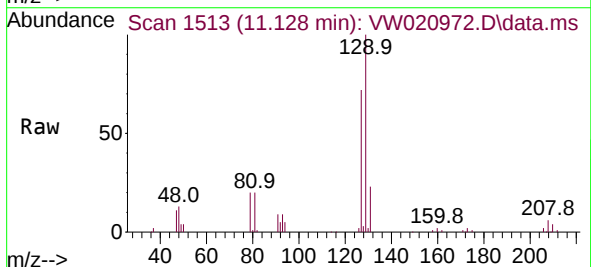


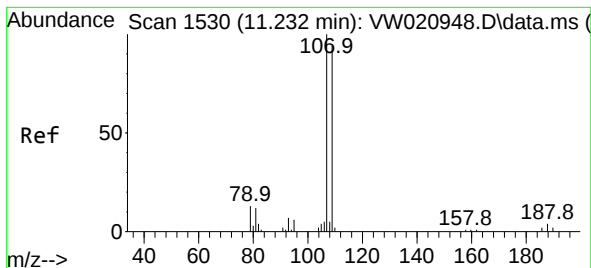
Tgt Ion: 43 Resp: 32390
Ion Ratio Lower Upper
43 100
58 52.8 40.2 60.2
57 18.2 14.3 21.5
100 14.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.587 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

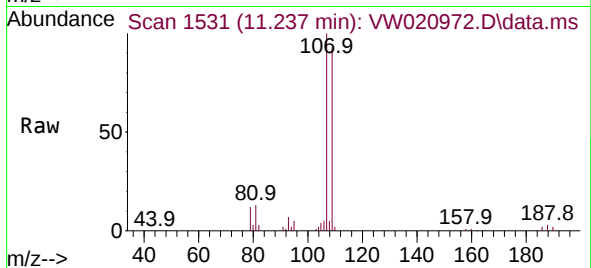
Tgt Ion: 129 Resp: 39011
Ion Ratio Lower Upper
129 100
127 72.2 55.7 103.5



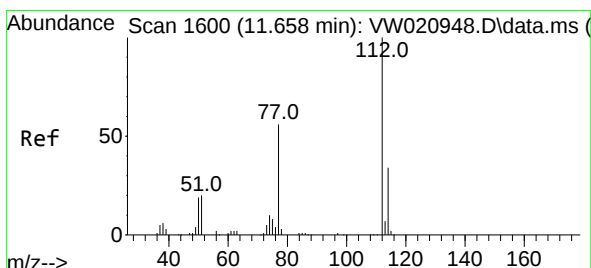
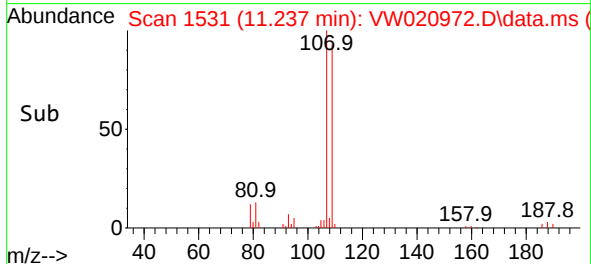
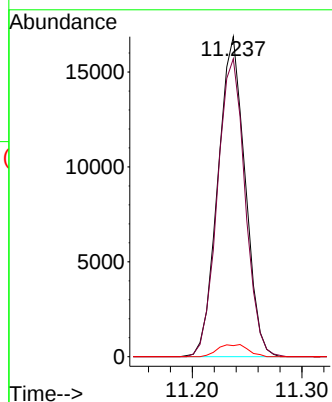


#50
1,2-Dibromoethane
Concen: 26.222 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Instrument :
MSVOA_W
ClientSampleId :

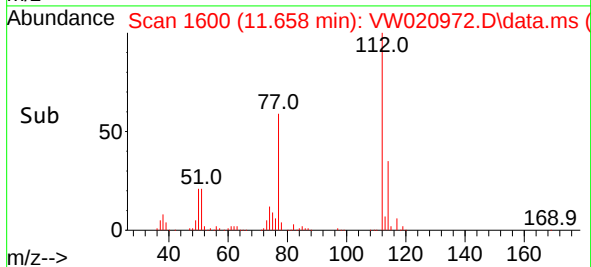
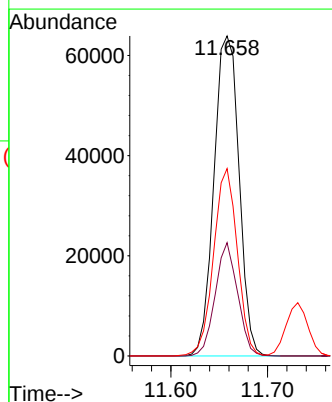
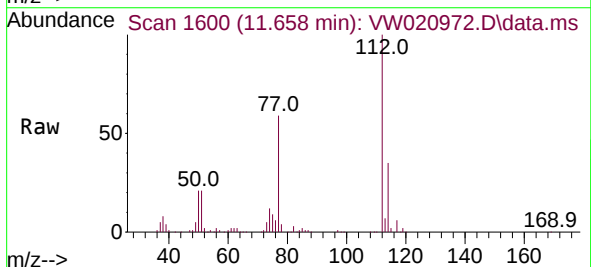


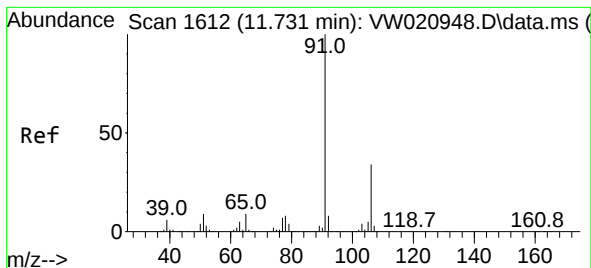
Tgt Ion:107 Resp: 29074
Ion Ratio Lower Upper
107 100
109 93.1 64.1 119.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 25.171 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion:112 Resp: 115048
Ion Ratio Lower Upper
112 100
114 35.4 22.4 41.6
77 58.6 50.2 75.4

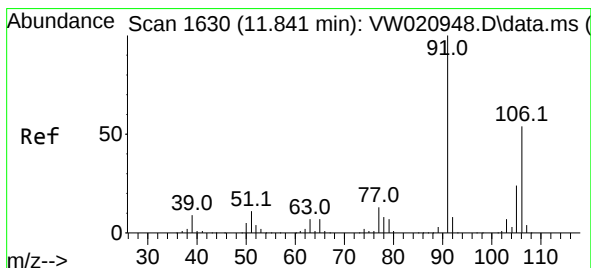
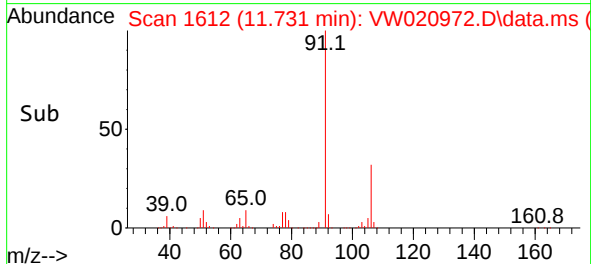
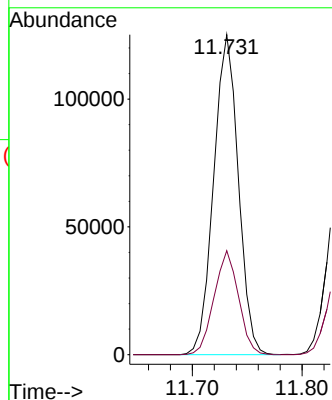
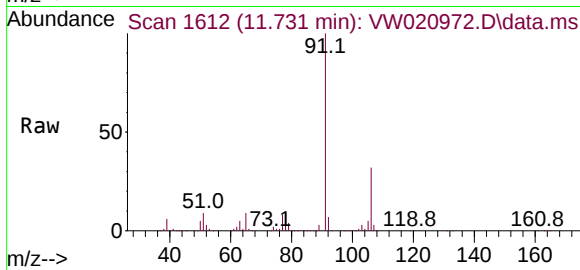




#52
Ethylbenzene
Concen: 25.677 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

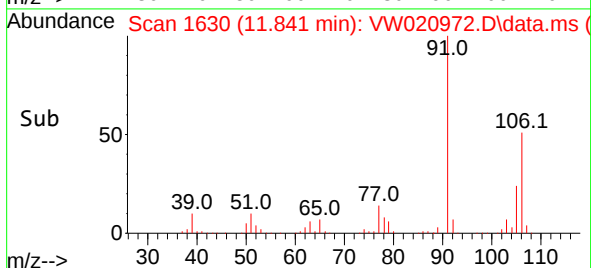
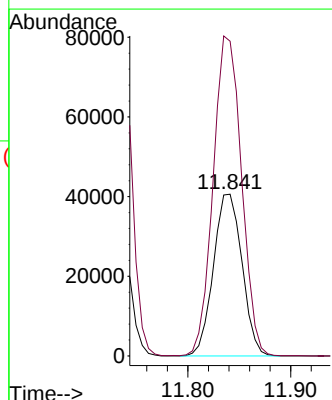
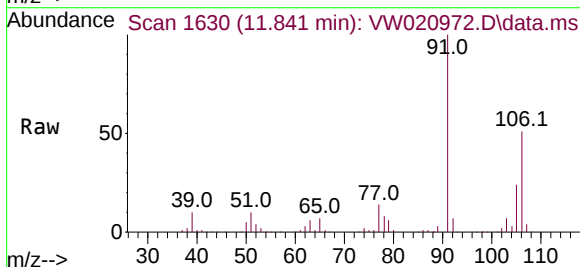
Instrument :
MSVOA_W
ClientSampleId :

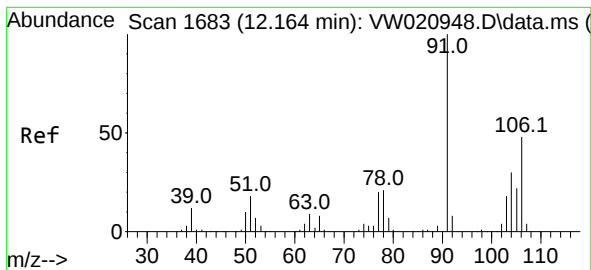
Tgt Ion: 91 Resp: 195534
Ion Ratio Lower Upper
91 100
106 32.5 21.5 39.9



#53
m,p-Xylene
Concen: 25.218 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion:106 Resp: 78406
Ion Ratio Lower Upper
106 100
91 194.6 149.9 278.3

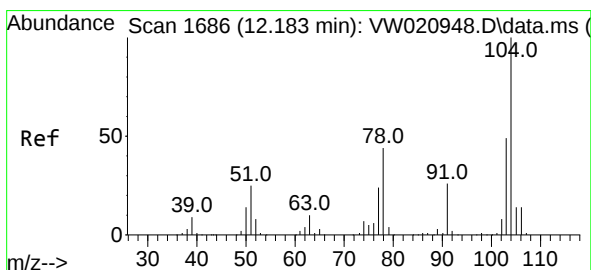
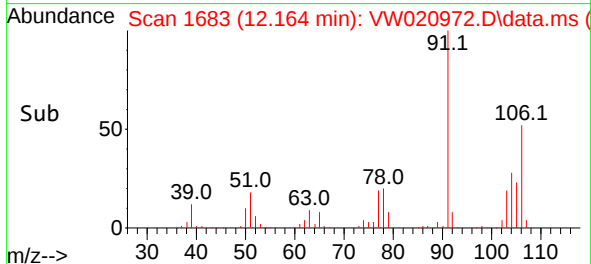
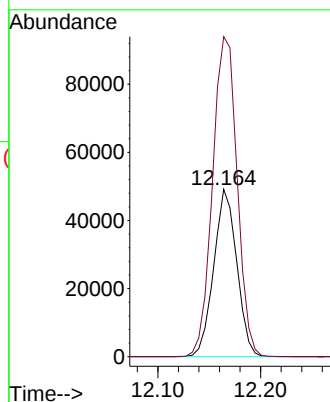
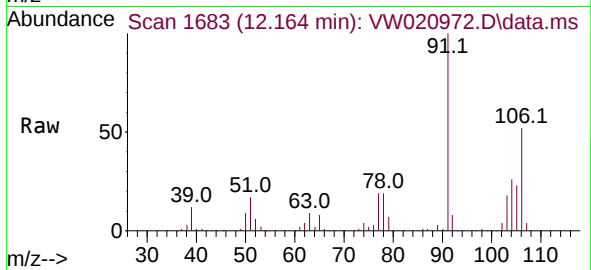




#54
o-Xylene
Concen: 25.605 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

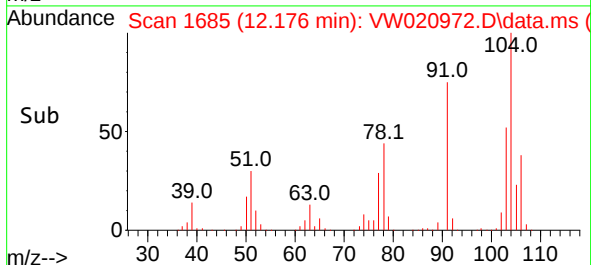
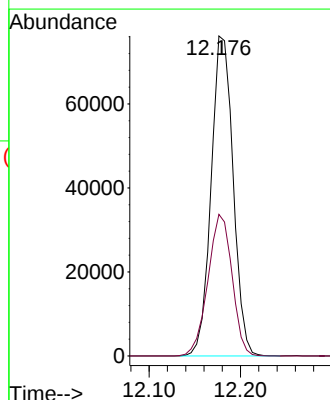
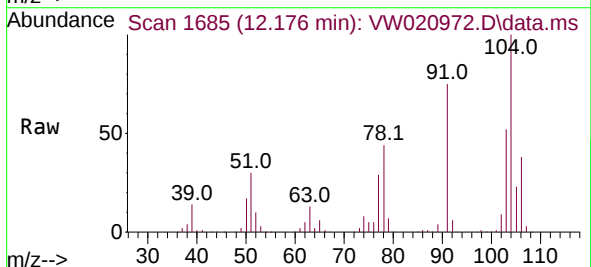
Instrument :
MSVOA_W
ClientSampleId :

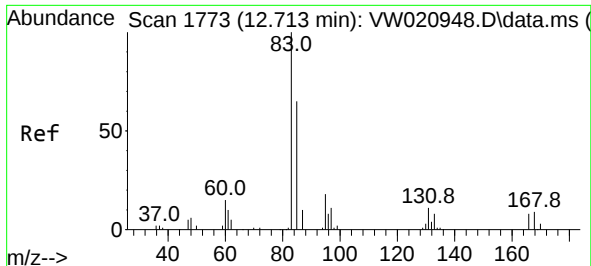
Tgt Ion:106 Resp: 76455
Ion Ratio Lower Upper
106 100
91 191.3 153.6 285.3



#55
Styrene
Concen: 25.667 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion:104 Resp: 127259
Ion Ratio Lower Upper
104 100
78 44.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.603 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020972.D

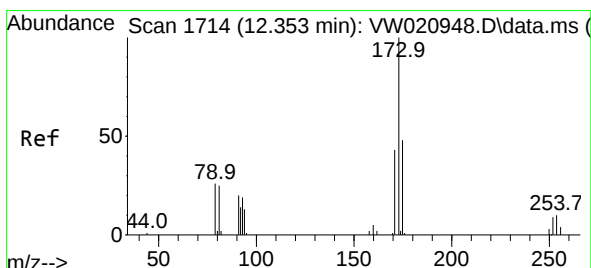
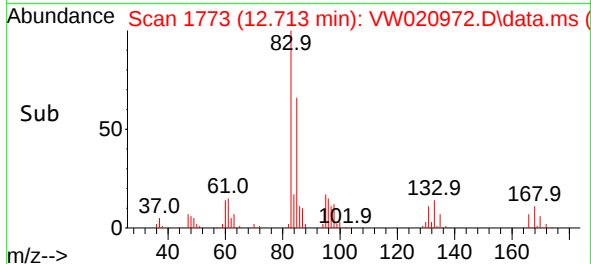
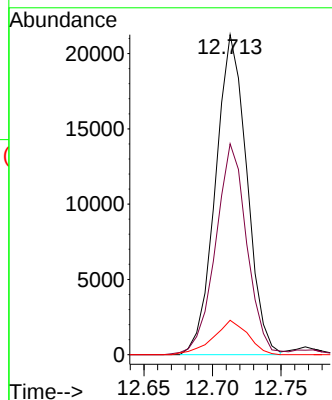
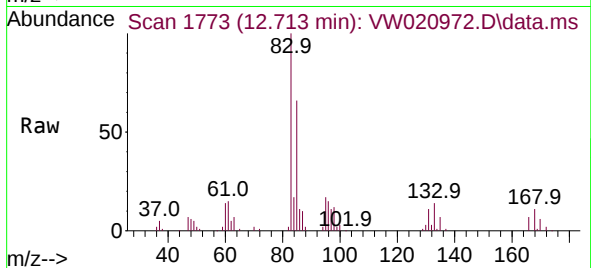
Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 33834
Ion Ratio	Lower Upper
83 100	
85 65.9	44.0 81.6
131 10.7	6.9 10.3#



#59

Bromoform

Concen: 24.348 ug/L

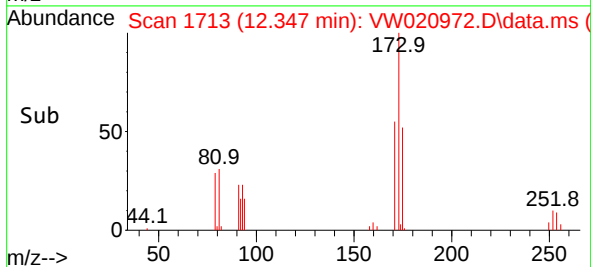
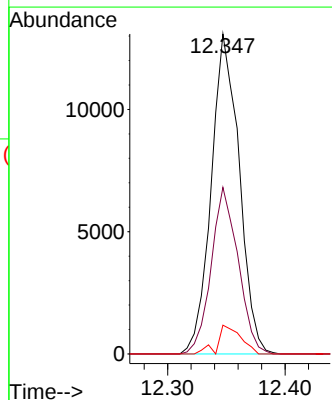
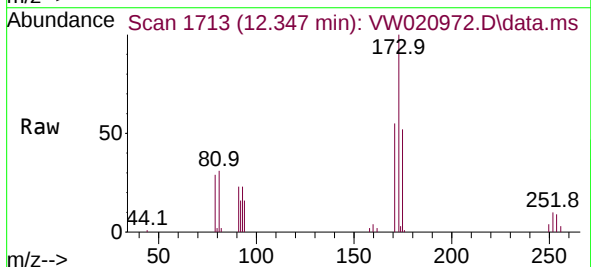
RT: 12.347 min Scan# 1713

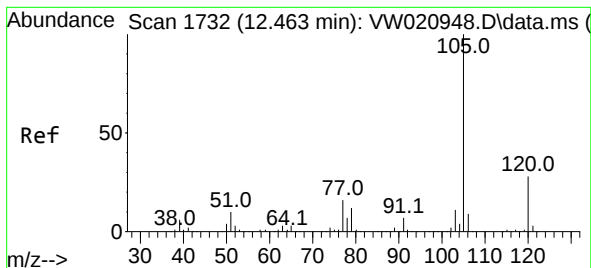
Delta R.T. -0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Tgt Ion: 173	Resp: 21668
Ion Ratio	Lower Upper
173 100	
175 50.1	39.6 59.4
254 6.5	7.4 11.0#





#60

Isopropylbenzene

Concen: 25.407 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

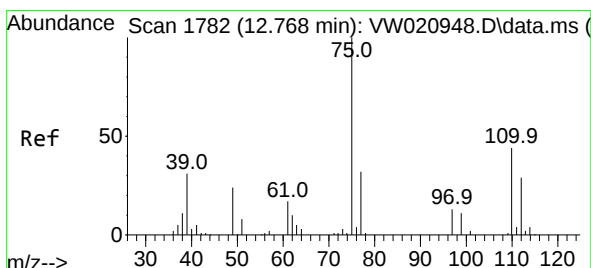
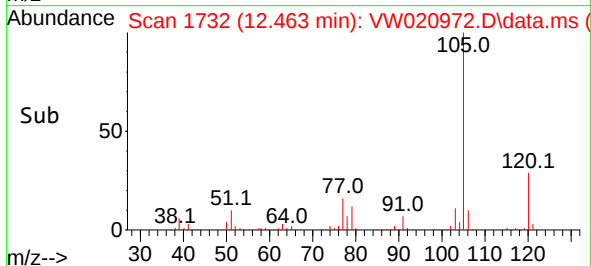
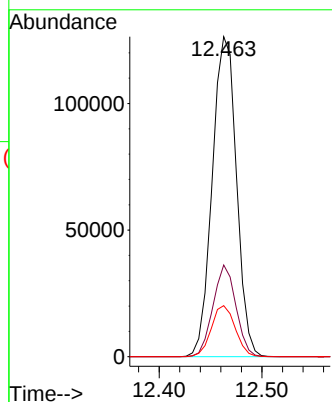
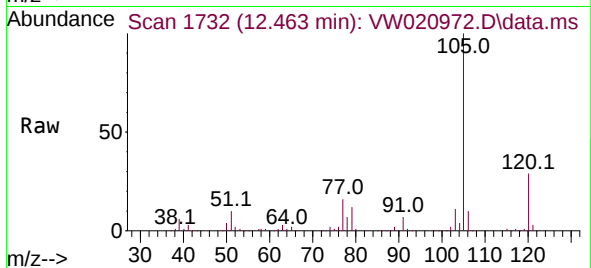
Tgt Ion:105 Resp: 206542

Ion Ratio Lower Upper

105 100

120 27.1 20.1 30.1

77 15.8 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 27.200 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

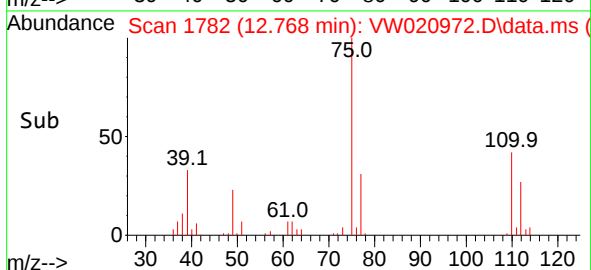
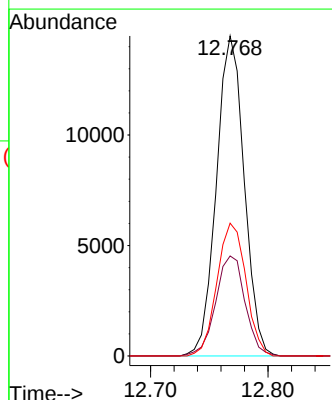
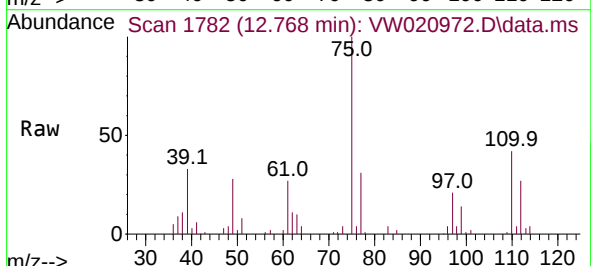
Tgt Ion: 75 Resp: 23813

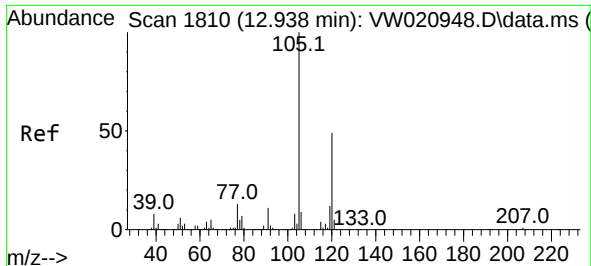
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8

110 43.1 29.0 43.4

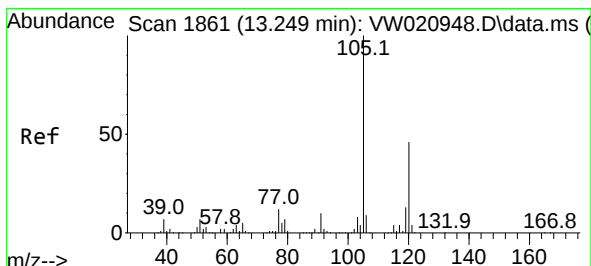
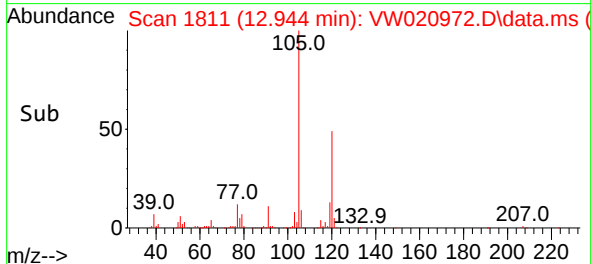
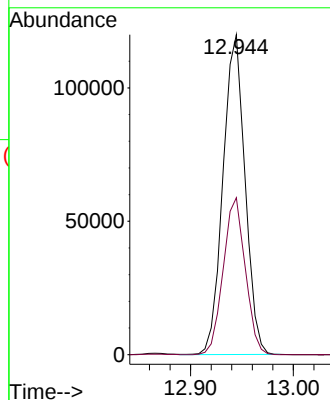
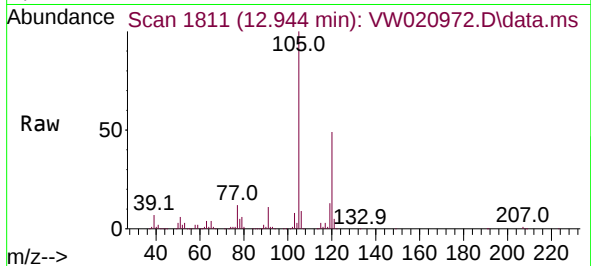




#62
1,3,5-Trimethylbenzene
Concen: 26.056 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

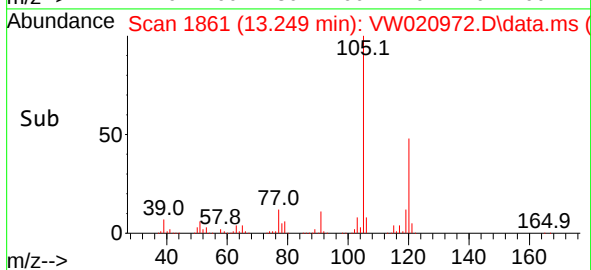
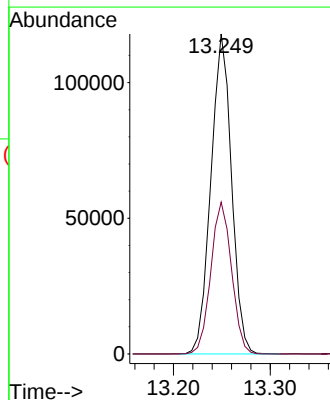
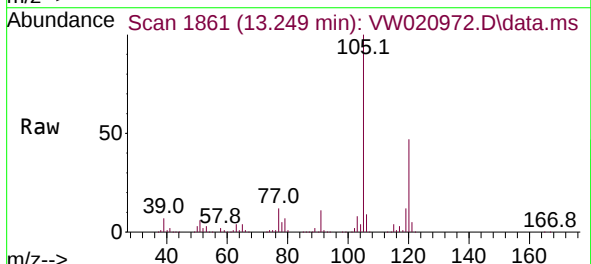
Instrument :
MSVOA_W
ClientSampleId :

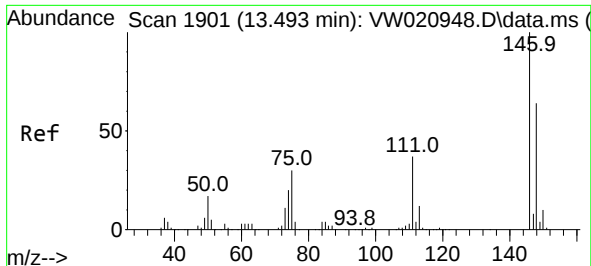
Tgt Ion:105 Resp: 178685
Ion Ratio Lower Upper
105 100
120 49.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.824 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

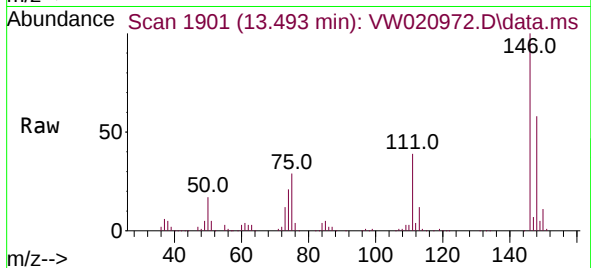
Tgt Ion:105 Resp: 174727
Ion Ratio Lower Upper
105 100
120 47.7 35.0 52.6



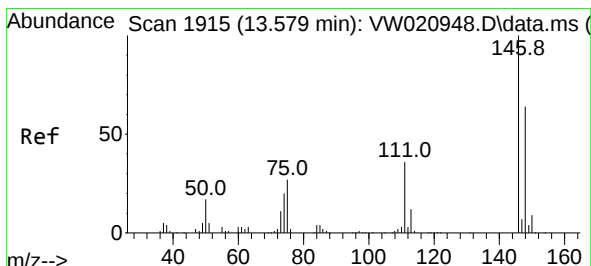
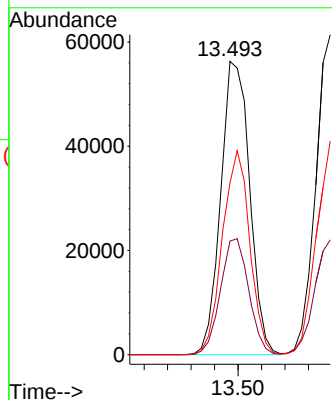
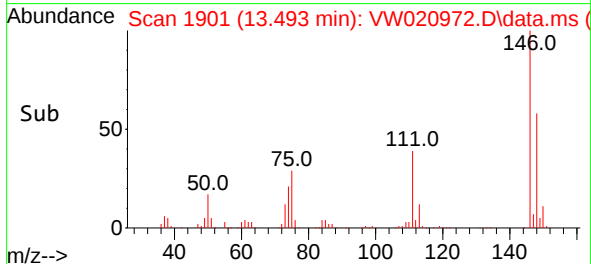


#64
 1,3-Dichlorobenzene
 Concen: 25.259 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

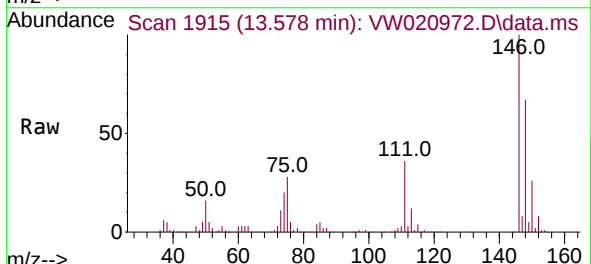
Instrument :
 MSVOA_W
 ClientSampleId :



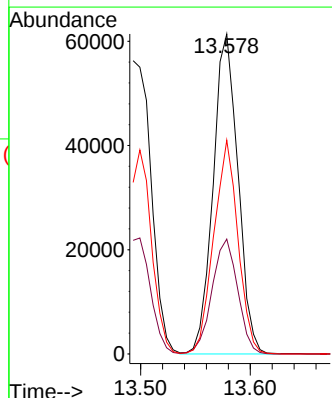
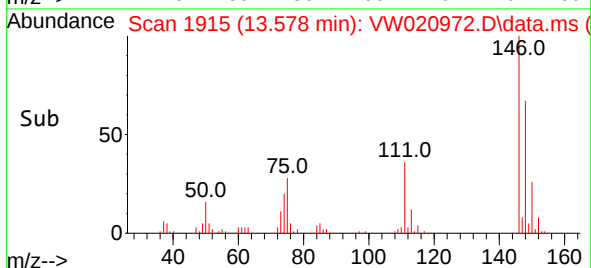
Tgt Ion:146 Resp: 96271
 Ion Ratio Lower Upper
 146 100
 111 38.7 29.8 55.3
 148 58.5 46.2 85.8

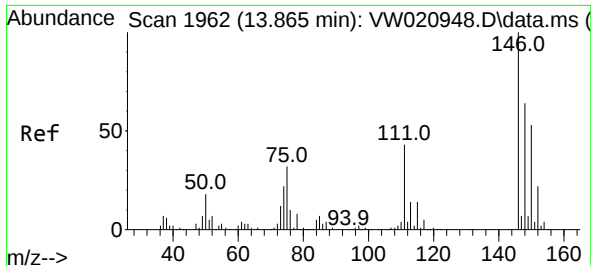


#65
 1,4-Dichlorobenzene
 Concen: 25.174 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10



Tgt Ion:146 Resp: 96784
 Ion Ratio Lower Upper
 146 100
 111 35.9 29.0 53.9
 148 66.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.149 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

Instrument :

MSVOA_W

ClientSampleId :

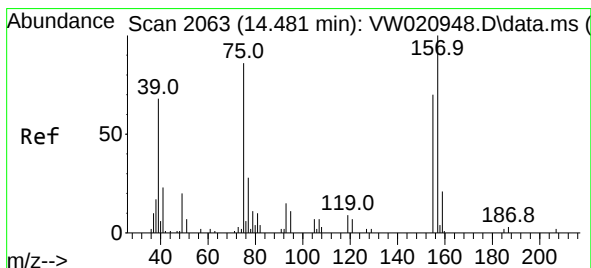
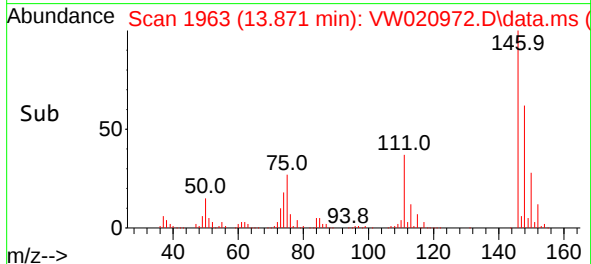
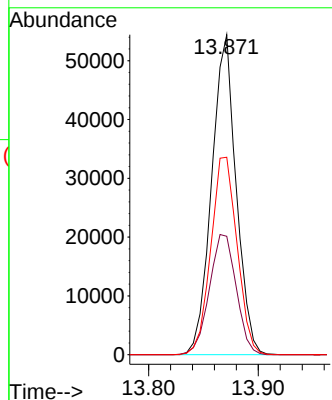
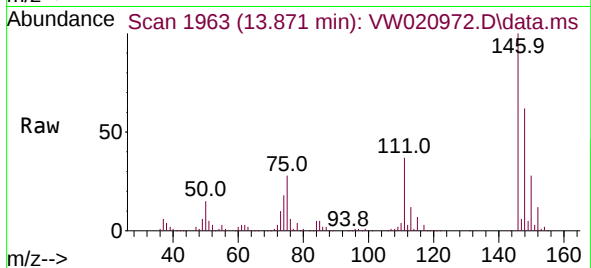
Tgt Ion:146 Resp: 84464

Ion Ratio Lower Upper

146 100

111 37.0 33.1 49.7

148 61.7 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.322 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020972.D

Acq: 29 Nov 2021 09:10

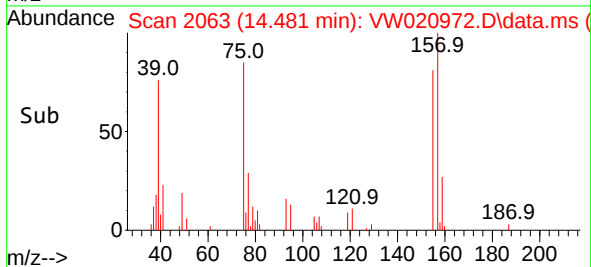
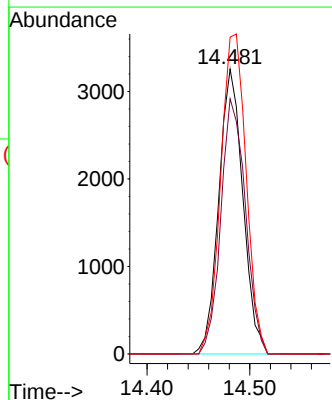
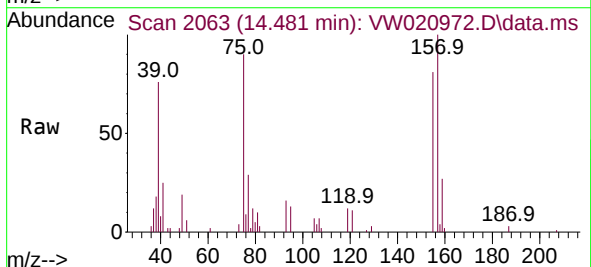
Tgt Ion: 75 Resp: 5300

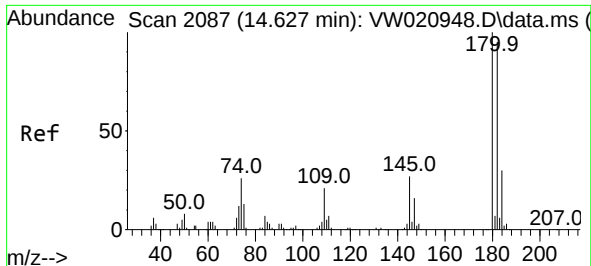
Ion Ratio Lower Upper

75 100

155 89.6 54.2 81.2#

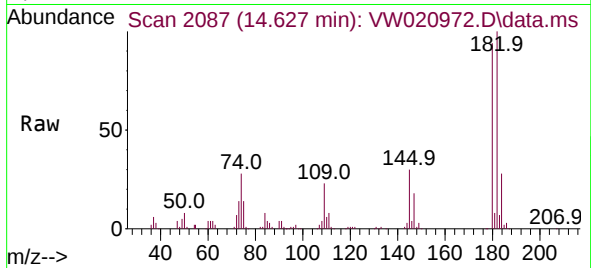
157 111.2 69.4 104.2#



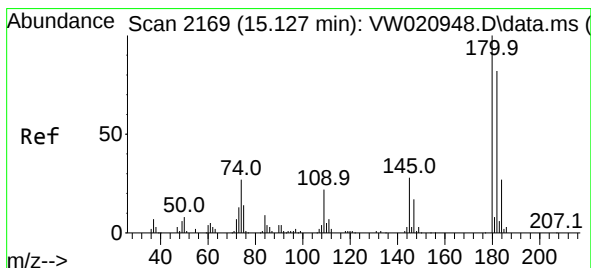
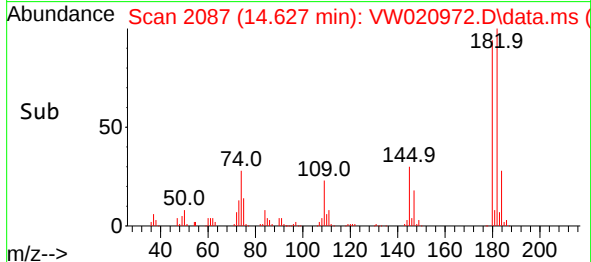
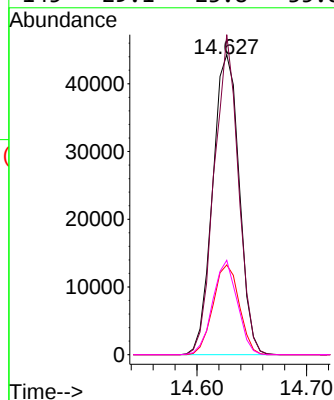


#69
 1,3,5-Trichlorobenzene
 Concen: 24.687 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

Instrument :
 MSVOA_W
 ClientSampleId :

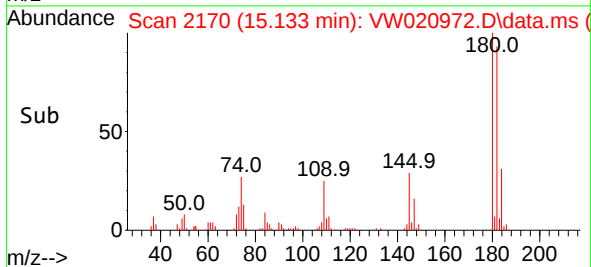
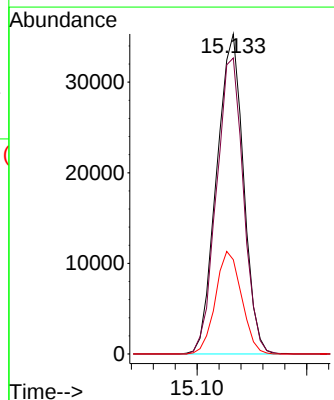
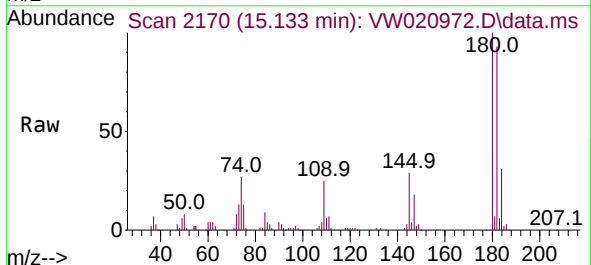


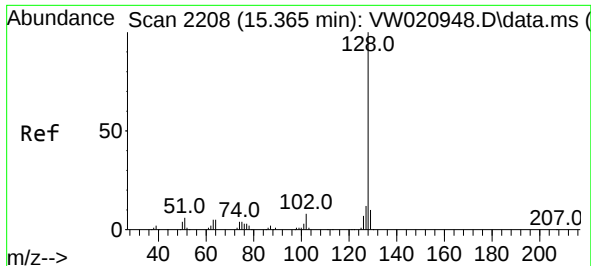
Tgt Ion:180 Resp: 74524
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.4 113.0
 184 29.5 23.8 35.8
 145 29.1 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.318 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW020972.D
 Acq: 29 Nov 2021 09:10

Tgt Ion:180 Resp: 60056
 Ion Ratio Lower Upper
 180 100
 182 92.8 79.0 118.6
 145 31.1 26.0 39.0

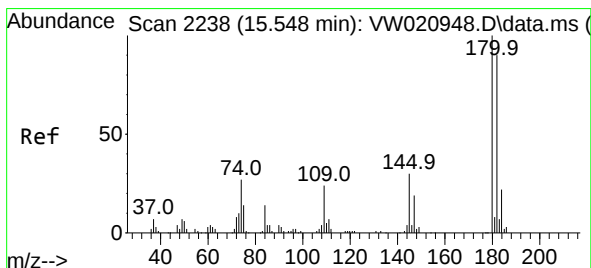
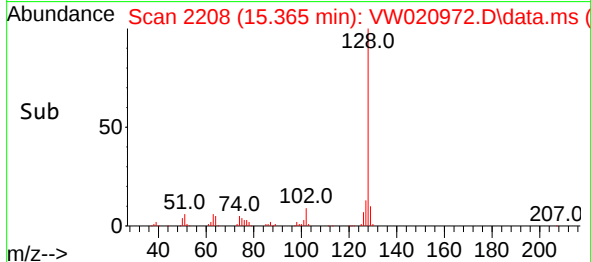
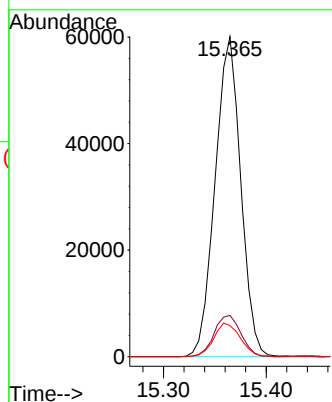
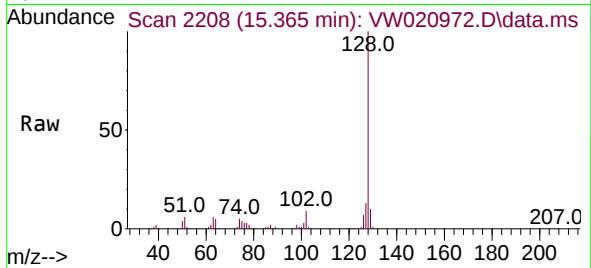




#71
Naphthalene
Concen: 25.847 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 104009
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.722 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020972.D
Acq: 29 Nov 2021 09:10

Tgt Ion:180 Resp: 51521
Ion Ratio Lower Upper
180 100
182 96.9 76.6 114.8
145 31.1 27.4 41.0

