

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020967.D
 Acq On : 26 Nov 2021 19:04
 Operator : SY/VA
 Sample : M4833-09MS
 Misc : 5.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQM8MS

Quant Time: Nov 27 01:00:21 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	122398	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	102836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	49249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26758	18.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.400%
7) Chloroethane-d5	2.885	69	20359	22.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.920%
11) 1,1-Dichloroethene-d2	4.025	63	49817	18.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.074	46	14059	39.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.340%
24) Chloroform-d	7.653	84	68312	22.150	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.311	65	34709	22.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.680%
32) Benzene-d6	8.275	84	121097	22.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.274	67	36712	23.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	10.323	98	115271	21.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	10.579	79	15110	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.840%
47) 2-Hexanone-d5	10.920	63	12020	46.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28875	24.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	39159	22.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10541	29.757	ug/L	98
3) Chloromethane	2.209	50	20604	19.132	ug/L	99
5) Vinyl chloride	2.361	62	40154	21.556	ug/L	99
6) Bromomethane	2.776	94	24031	23.265	ug/L	99
8) Chloroethane	2.922	64	17564	22.428	ug/L	92
9) Trichlorofluoromethane	3.257	101	21639	19.943	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	33671	20.413	ug/L	93
12) 1,1-Dichloroethene	4.038	96	30409	19.829	ug/L	85
13) Acetone	4.129	43	11195	35.383	ug/L	90
14) Carbon disulfide	4.385	76	66441	16.019	ug/L	99
15) Methyl Acetate	4.672	43	9753	17.189	ug/L	# 90
16) Methylene chloride	4.915	84	36007	21.093	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	32539	19.687	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	53805	21.687	ug/L	# 84
19) 1,1-Dichloroethane	6.220	63	57813	21.110	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	36852	20.688	ug/L	73
22) 2-Butanone	7.177	43	16267	37.842	ug/L	93
23) Bromochloromethane	7.519	128	17896	21.975	ug/L	# 64
25) Chloroform	7.677	83	64367	21.503	ug/L	99

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 Response via : Initial Calibration

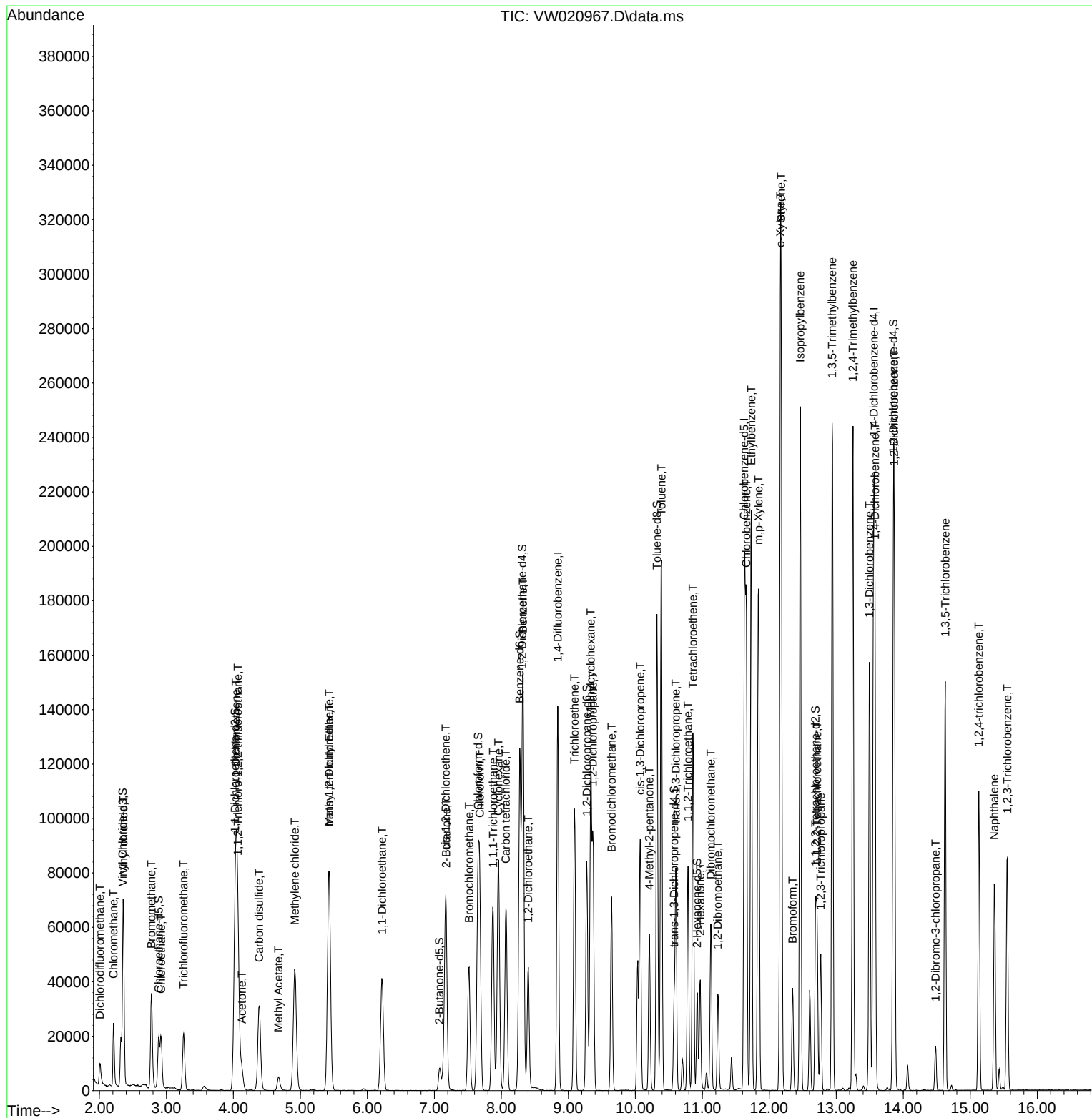
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39433	21.756	ug/L #	95
29) Cyclohexane	7.958	56	43752	19.084	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	55829	22.576	ug/L	94
31) Carbon tetrachloride	8.067	117	49694	21.231	ug/L	95
33) Benzene	8.323	78	131752	22.628	ug/L	100
34) Trichloroethene	9.092	95	34399	21.122	ug/L	97
35) Methylcyclohexane	9.335	83	49347	18.378	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	32152	23.727	ug/L #	96
38) Bromodichloromethane	9.646	83	45175	23.230	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	48851	21.834	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36108	44.768	ug/L #	94
42) Toluene	10.390	91	142705	21.789	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	42041	21.381	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24792	23.524	ug/L	93
46) Tetrachloroethene	10.860	164	30576	20.448	ug/L	94
48) 2-Hexanone	10.969	43	25022	44.787	ug/L #	94
49) Dibromochloromethane	11.128	129	30147	20.748	ug/L	98
50) 1,2-Dibromoethane	11.231	107	22737	21.518	ug/L	93
51) Chlorobenzene	11.658	112	92783	21.301	ug/L	90
52) Ethylbenzene	11.731	91	150356	20.718	ug/L	95
53) m,p-Xylene	11.841	106	61136	20.634	ug/L	90
54) o-Xylene	12.164	106	61171	21.497	ug/L	97
55) Styrene	12.176	104	97970	20.734	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	26277	22.495	ug/L #	96
59) Bromoform	12.347	173	16856	22.954	ug/L	97
60) Isopropylbenzene	12.463	105	154660	23.057	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	18787	26.007	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	133320	23.560	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	131999	23.643	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	65776	20.915	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	65497	20.646	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	60707	21.906	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3931	22.761	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	47016	18.875	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	35438	17.390	ug/L	95
71) Naphthalene	15.359	128	66532	20.037	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	30643	17.820	ug/L	93

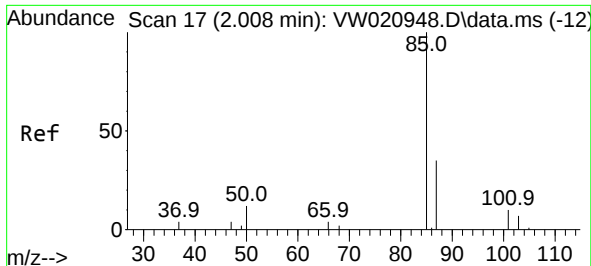
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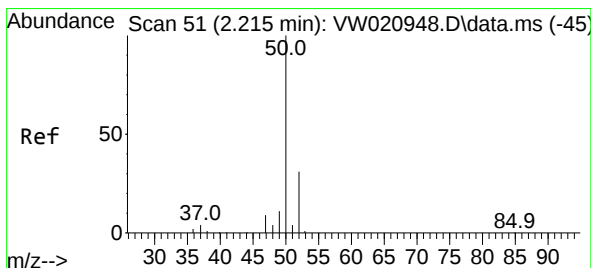
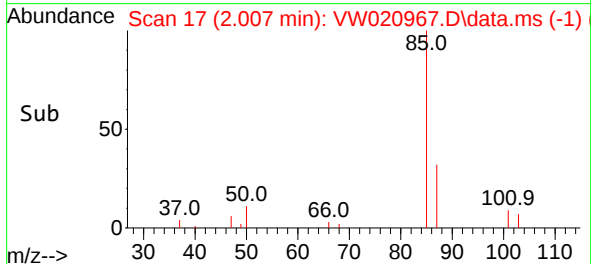
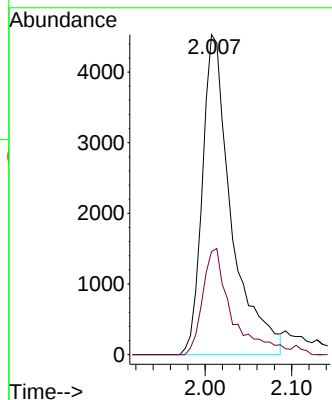
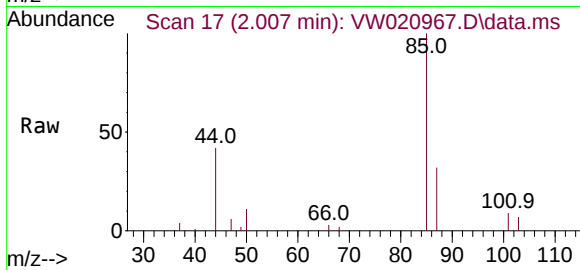




#2
Dichlorodifluoromethane
Concen: 29.757 ug/L
RT: 2.007 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

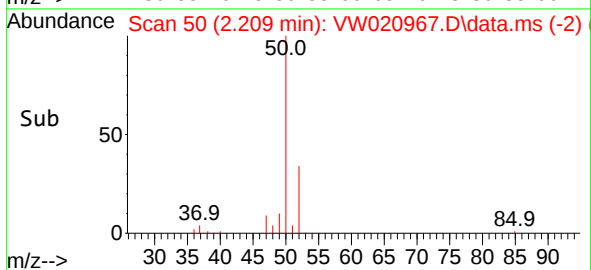
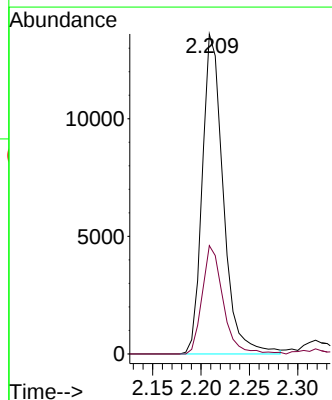
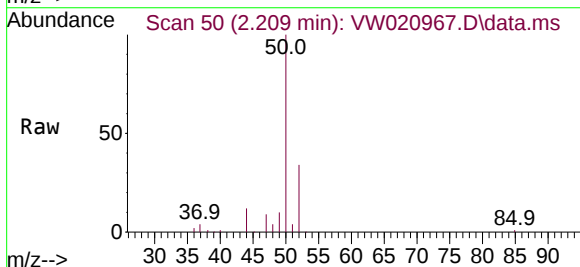
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ClientSampleId :
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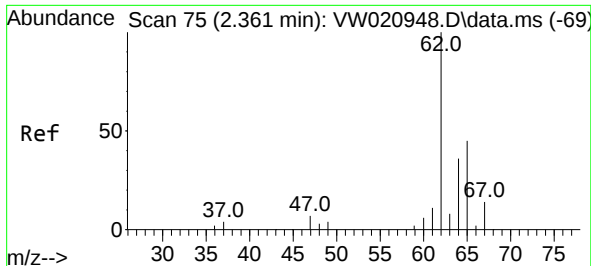
Tgt Ion: 85 Resp: 10541
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.6



#3
Chloromethane
Concen: 19.132 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 50 Resp: 20604
Ion Ratio Lower Upper
50 100
52 33.9 23.4 43.6





#5
 Vinyl chloride
 Concen: 21.556 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW020967.D
 Acq: 26 Nov 2021 19:04

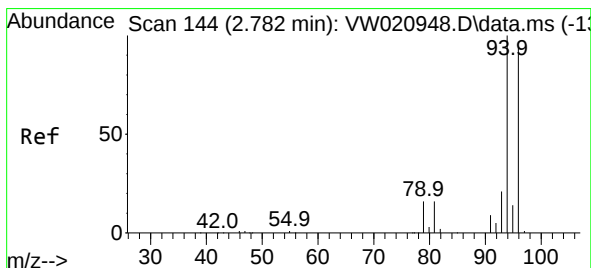
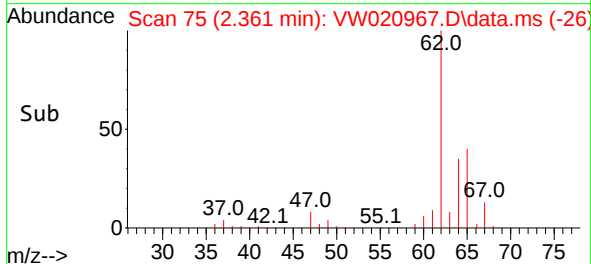
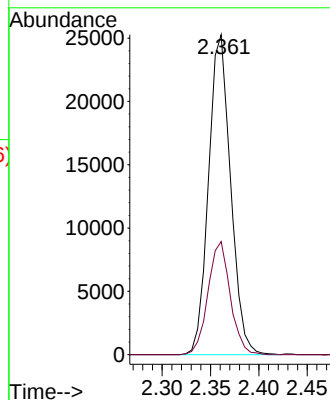
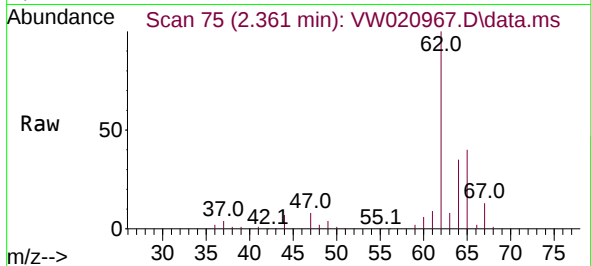
Instrument :

MSVOA_W

ClientSampleId :

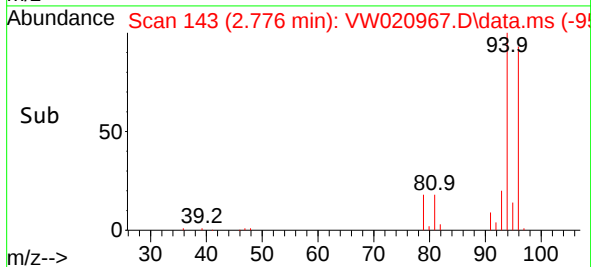
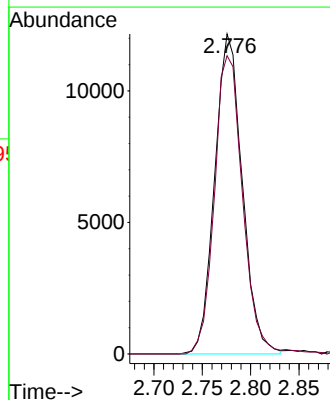
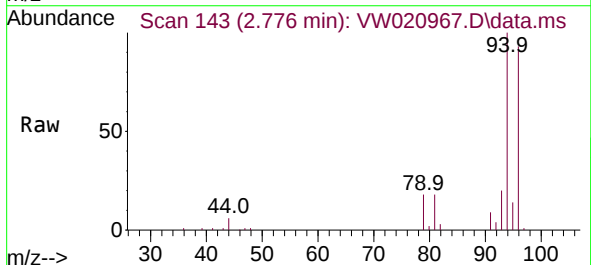
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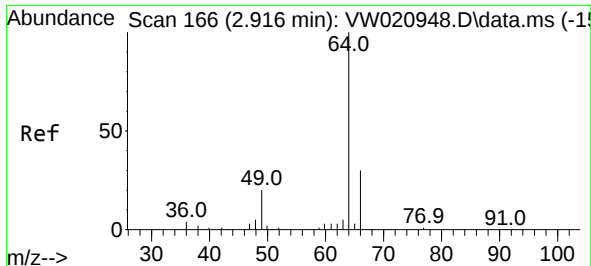
Tgt Ion: 62 Resp: 40154
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.4 45.2



#6
 Bromomethane
 Concen: 23.265 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW020967.D
 Acq: 26 Nov 2021 19:04

Tgt Ion: 94 Resp: 24031
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

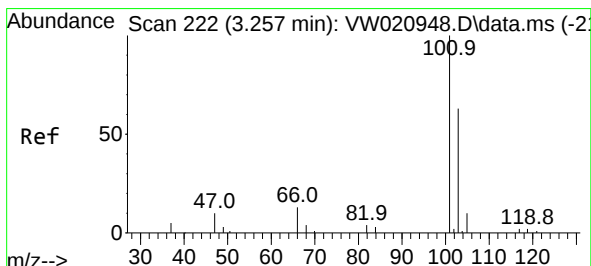
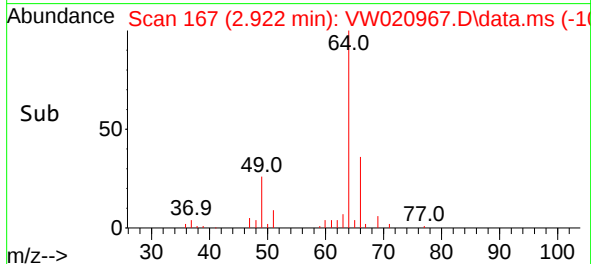
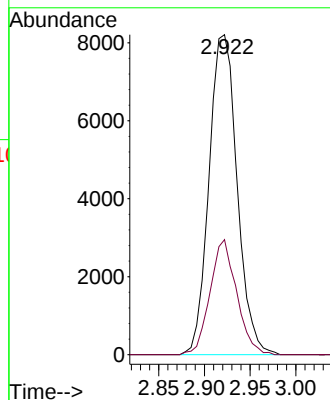
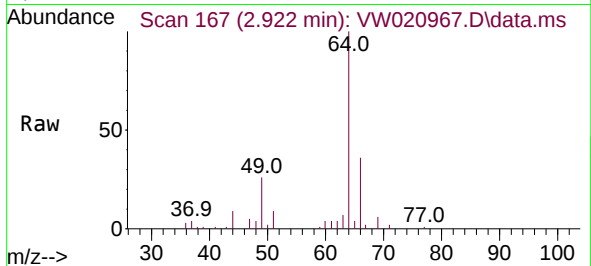




#8
Chloroethane
Concen: 22.428 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

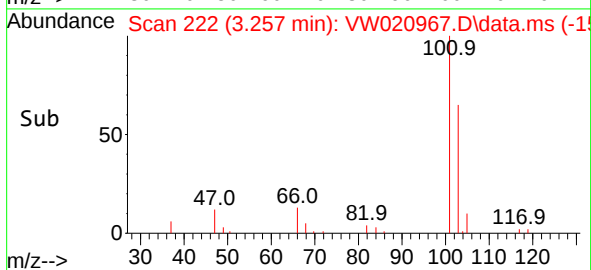
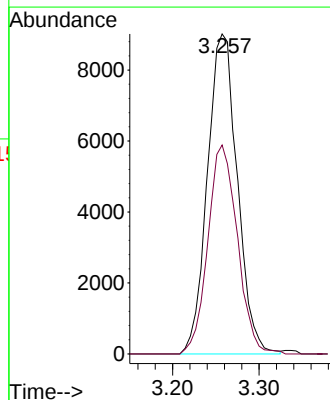
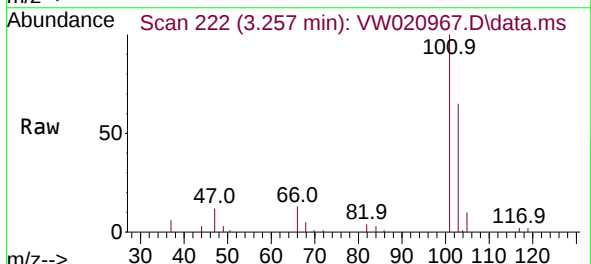
Instrument :
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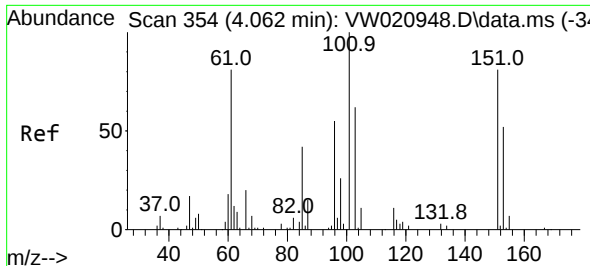
Tgt Ion: 64 Resp: 17564
Ion Ratio Lower Upper
64 100
66 36.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.943 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:101 Resp: 21639
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2





#10

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

Concen: 20.413 ug/L

RT: 4.068 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

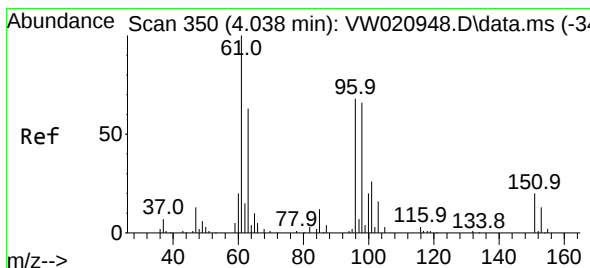
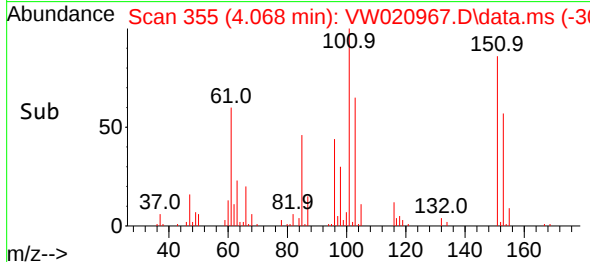
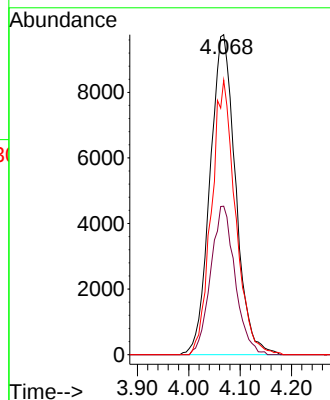
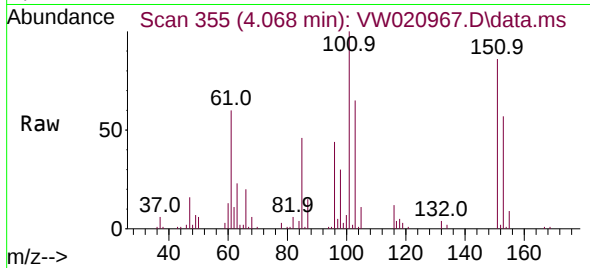
Tgt Ion:101 Resp: 33671

Ion Ratio Lower Upper

101 100

85 44.2 36.6 54.8

151 80.6 57.4 86.0



#12

1,1-Dichloroethene

Concen: 19.829 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

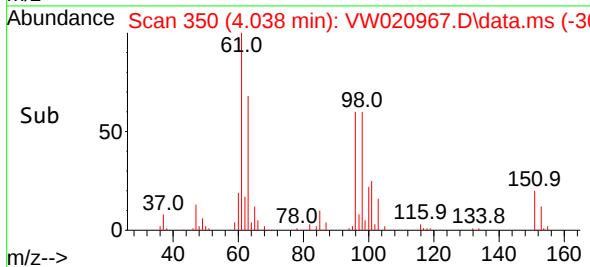
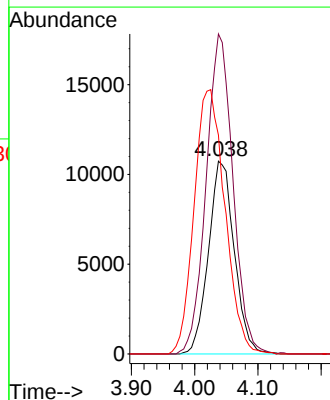
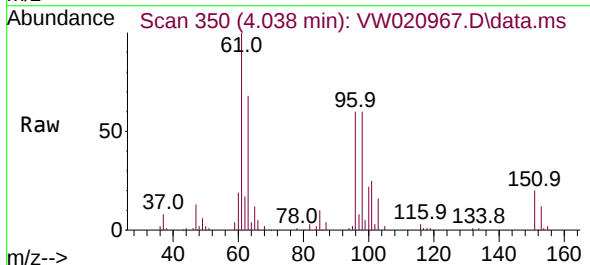
Tgt Ion: 96 Resp: 30409

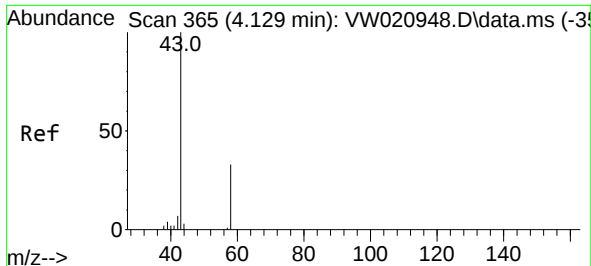
Ion Ratio Lower Upper

96 100

61 166.0 138.3 256.9

63 113.5 82.6 153.4

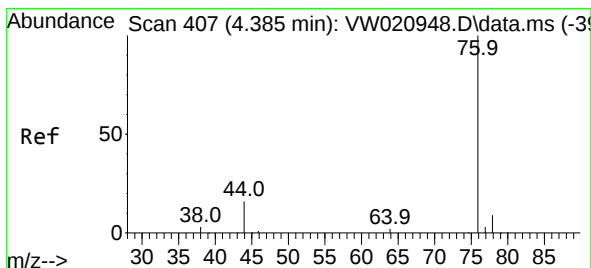
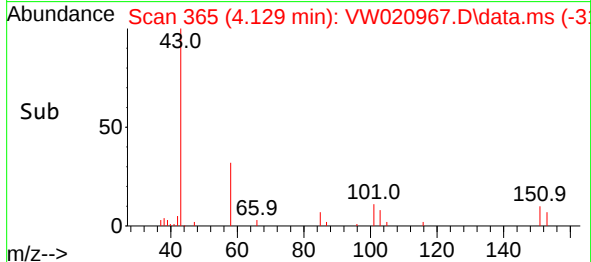
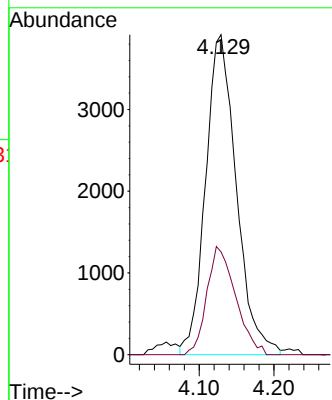
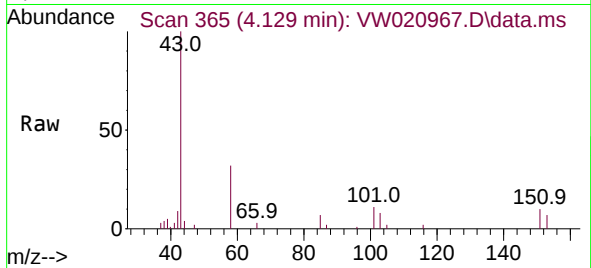




#13
Acetone
Concen: 35.383 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

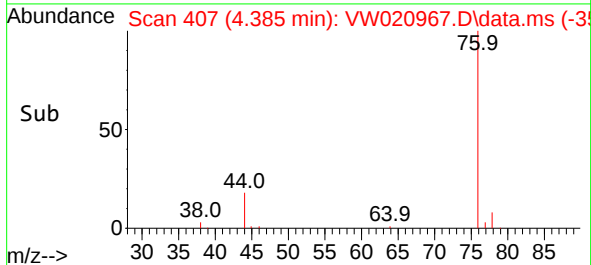
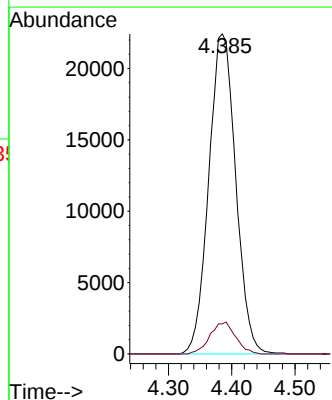
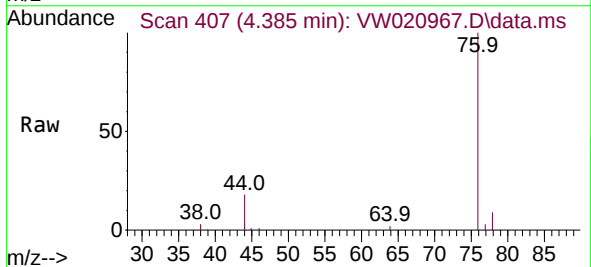
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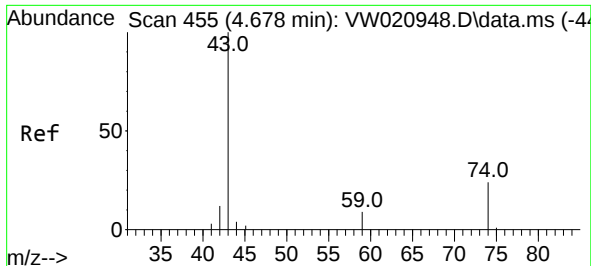
Tgt Ion: 43 Resp: 11195
Ion Ratio Lower Upper
43 100
58 31.6 0.0 52.8



#14
Carbon disulfide
Concen: 16.019 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Acq: 26 Nov 2021 19:04

Tgt Ion: 76 Resp: 66441
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

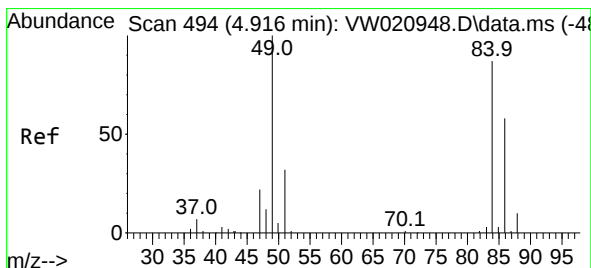
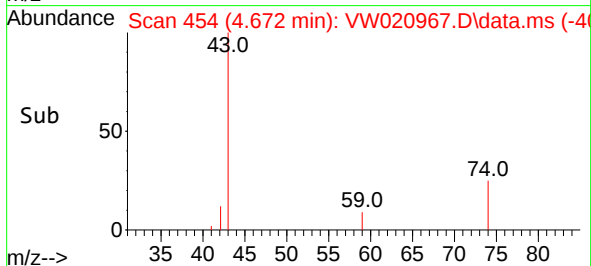
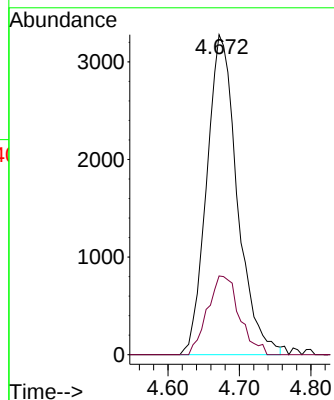
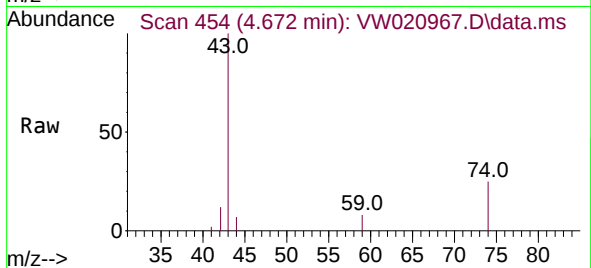




#15
Methyl Acetate
Concen: 17.189 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

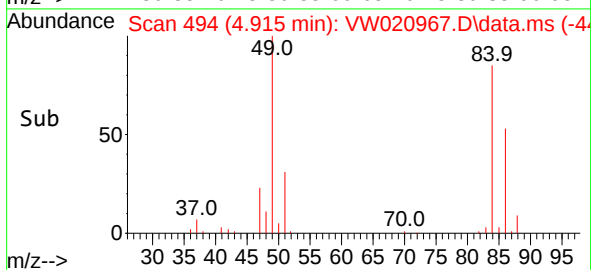
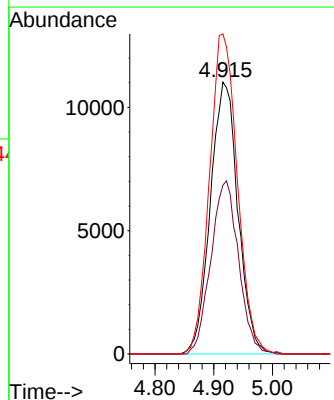
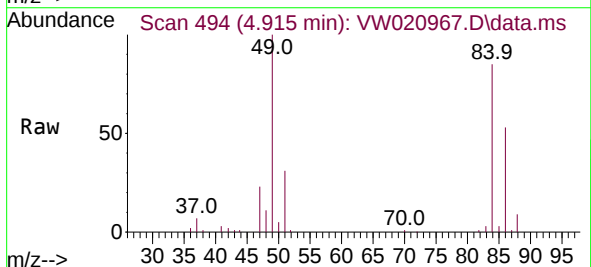
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

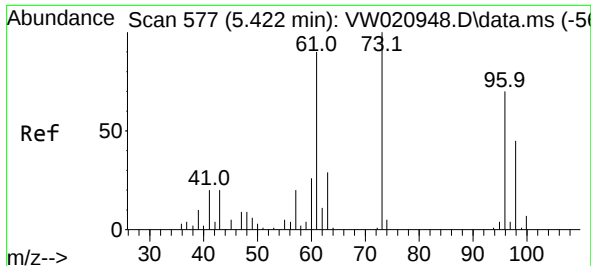
Tgt Ion: 43 Resp: 9753
Ion Ratio Lower Upper
43 100
74 25.2 16.4 24.6#



#16
Methylene chloride
Concen: 21.093 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 84 Resp: 36007
Ion Ratio Lower Upper
84 100
86 62.1 45.5 84.5
49 117.7 100.5 186.7

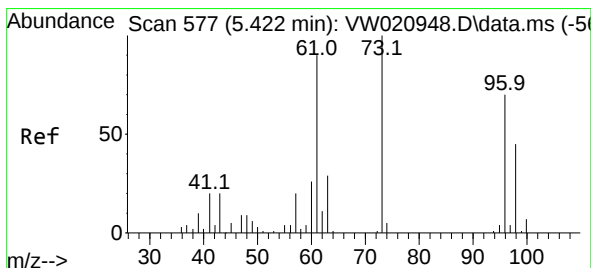
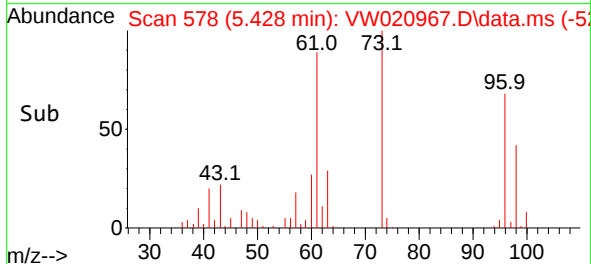
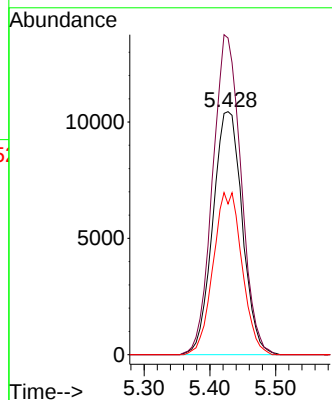
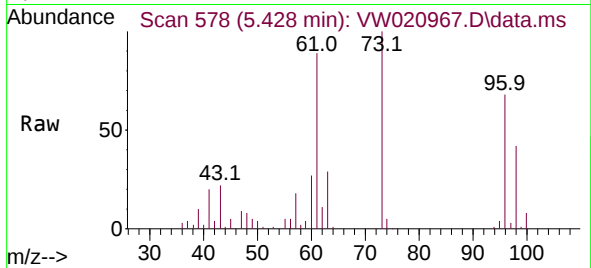




#17
trans-1,2-Dichloroethene
Concen: 19.687 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

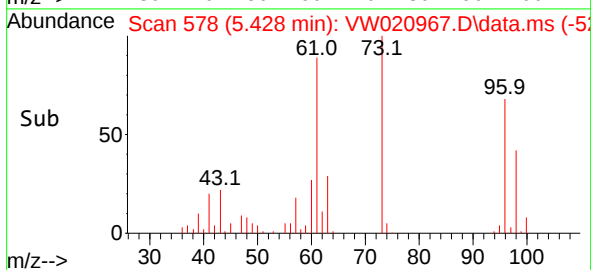
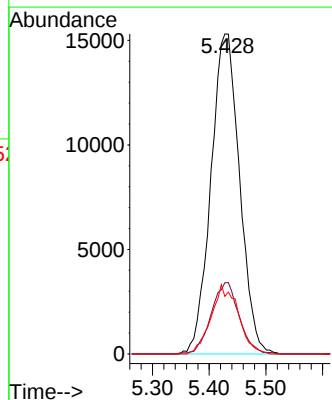
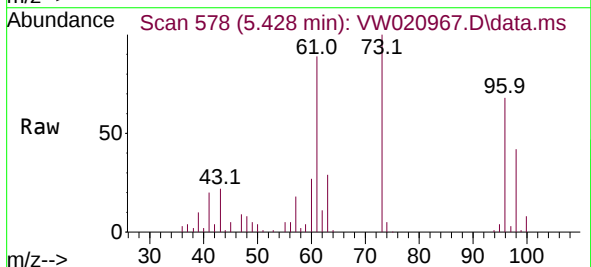
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

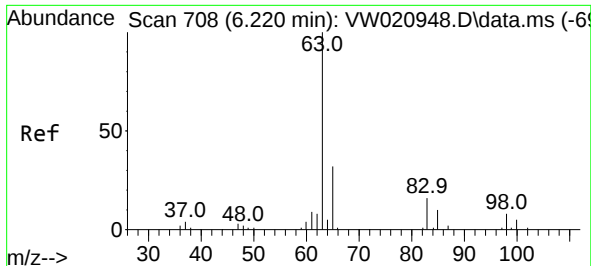
Tgt Ion: 96 Resp: 32539
Ion Ratio Lower Upper
96 100
61 130.3 107.4 199.4
98 62.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 21.687 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 73 Resp: 53805
Ion Ratio Lower Upper
73 100
43 21.1 19.5 29.3
57 11.0 19.3 28.9

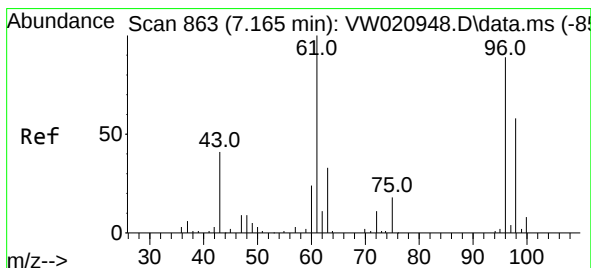
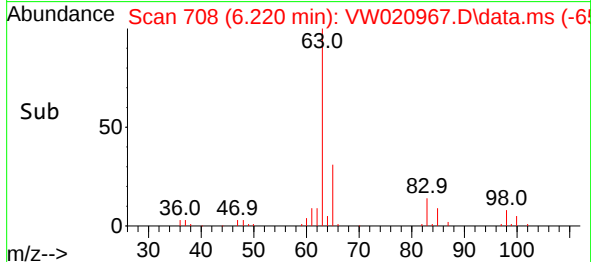
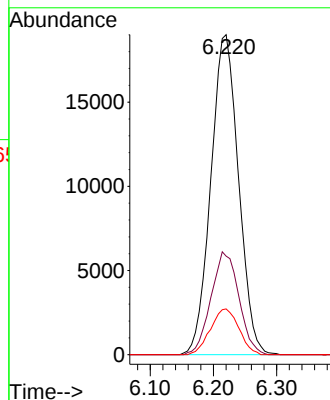
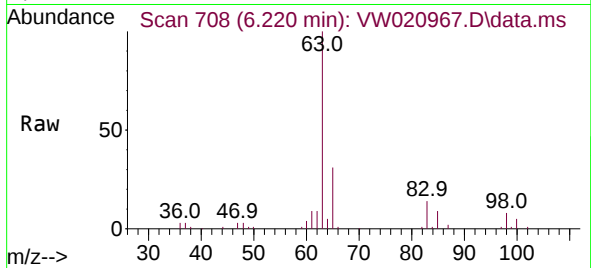




#19
1,1-Dichloroethane
Concen: 21.110 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

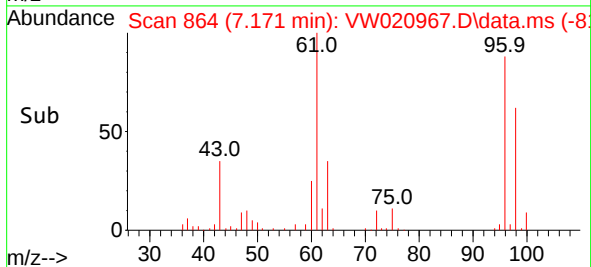
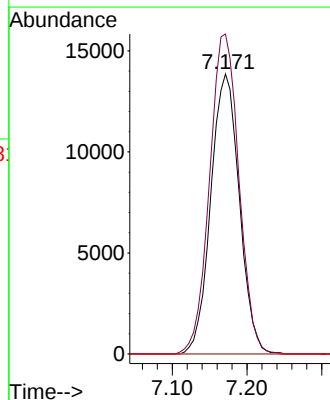
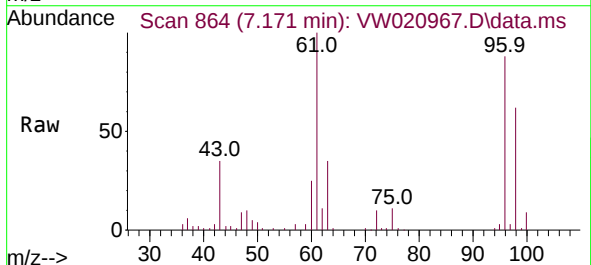
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

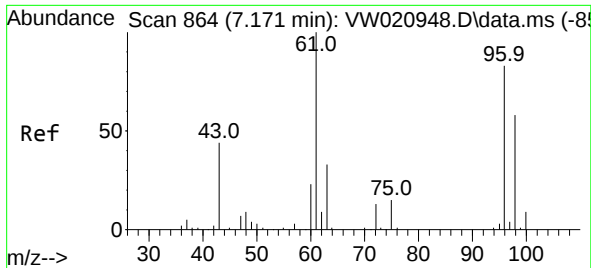
Tgt Ion: 63 Resp: 57813
Ion Ratio Lower Upper
63 100
65 30.8 22.1 41.1
83 14.3 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 20.688 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 96 Resp: 36852
Ion Ratio Lower Upper
96 100
61 114.3 103.7 192.7
68 0.0 0.0 0.0

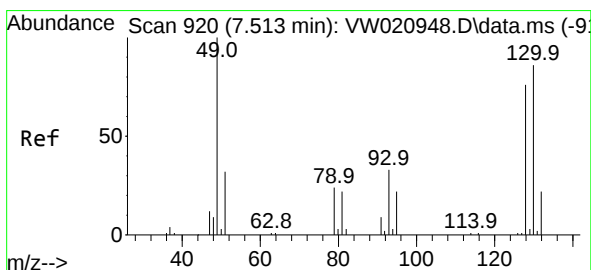
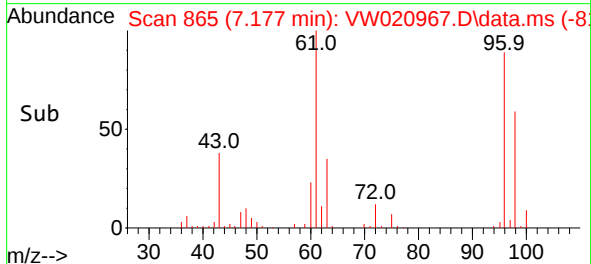
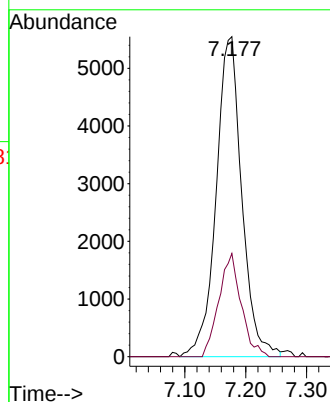
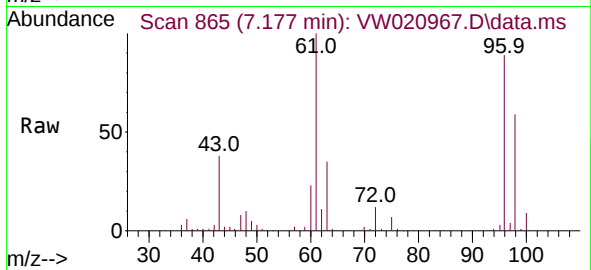




#22
2-Butanone
Concen: 37.842 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

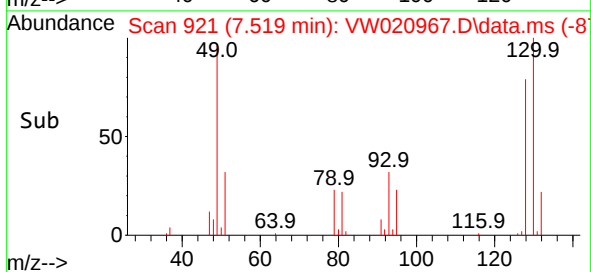
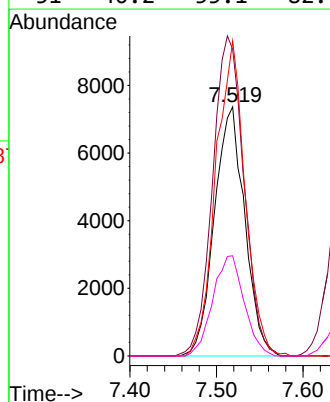
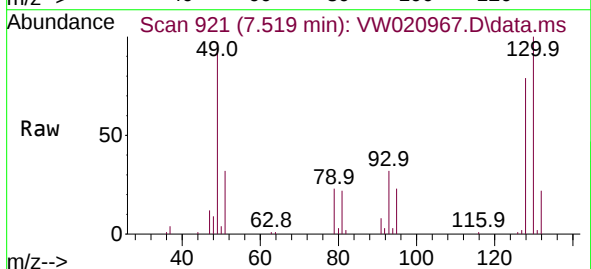
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

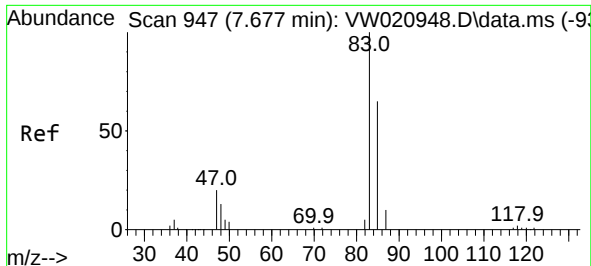
Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
72 27.1 11.8 35.4



#23
Bromochloromethane
Concen: 21.975 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 128 Resp: 17896
Ion Ratio Lower Upper
128 100
49 123.0 150.3 279.1#
130 126.5 88.3 163.9
51 40.2 55.1 82.7#

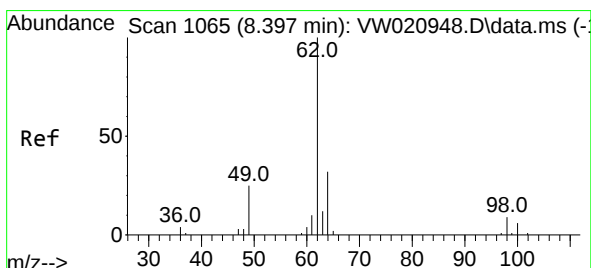
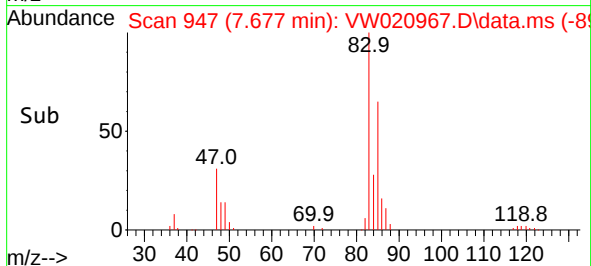
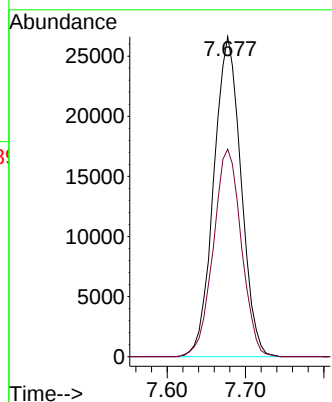
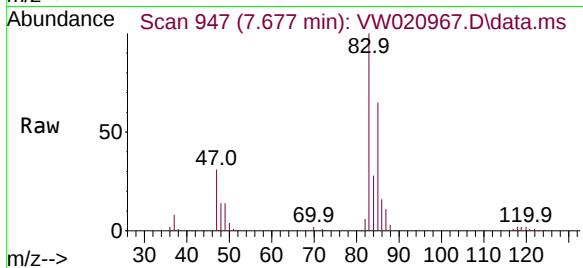




#25
Chloroform
Concen: 21.503 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

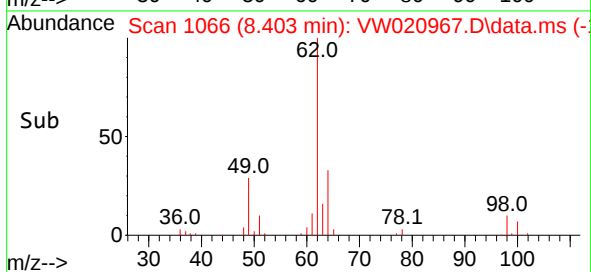
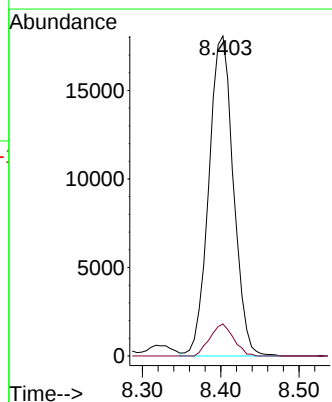
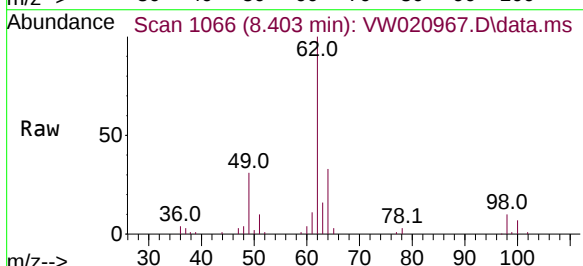
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

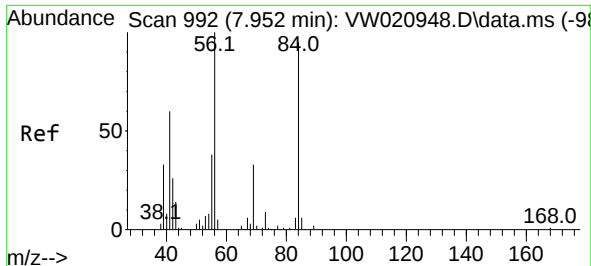
Tgt Ion: 83 Resp: 64367
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.756 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 62 Resp: 39433
Ion Ratio Lower Upper
62 100
98 10.0 6.5 9.7#





#29

Cyclohexane

Concen: 19.084 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

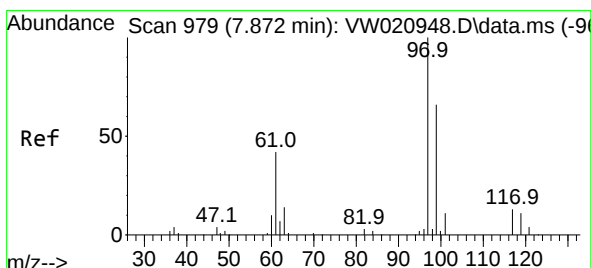
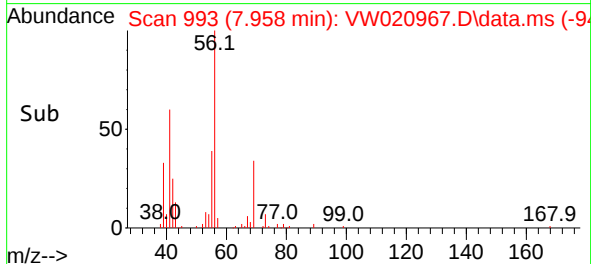
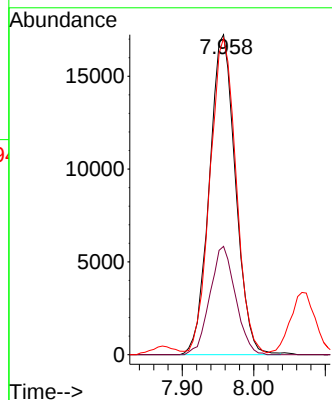
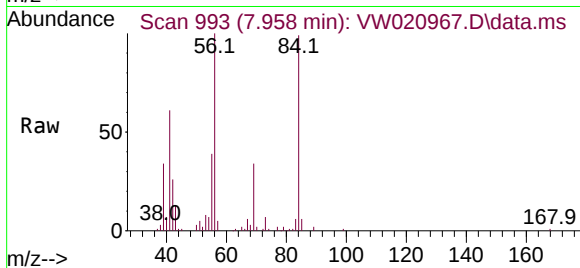
Tgt Ion: 56 Resp: 43752

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 99.0 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 22.576 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

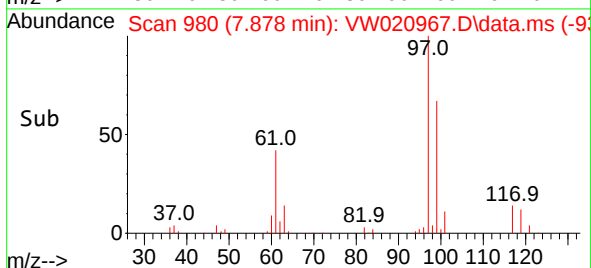
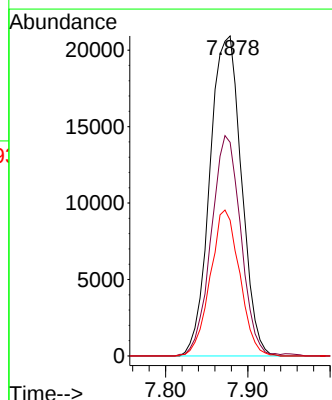
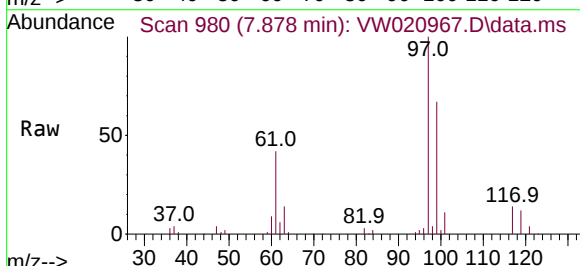
Tgt Ion: 97 Resp: 55829

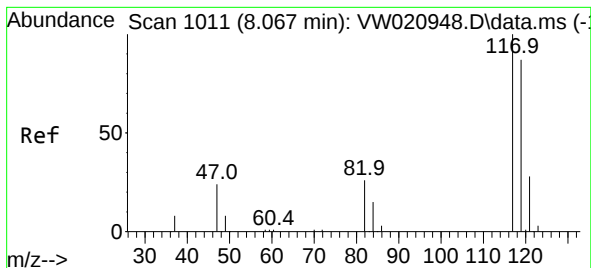
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 42.5 40.9 61.3

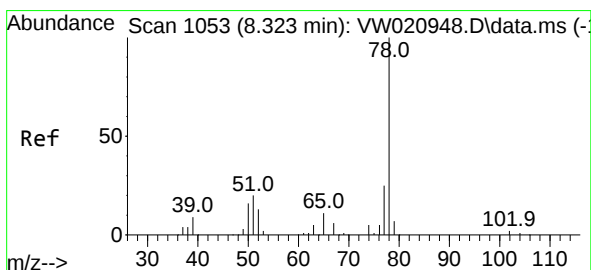
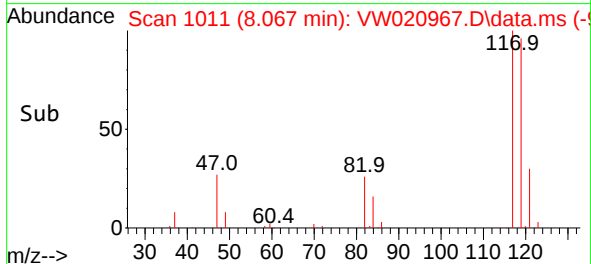
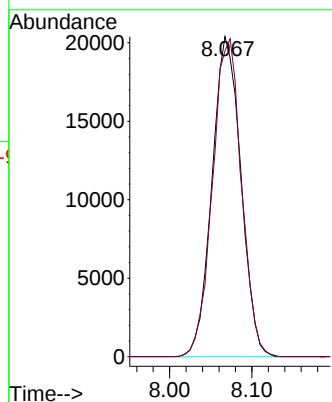
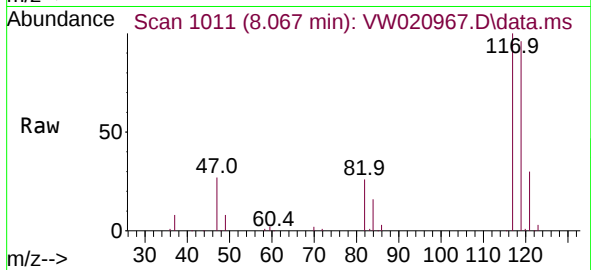




#31
Carbon tetrachloride
Concen: 21.231 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

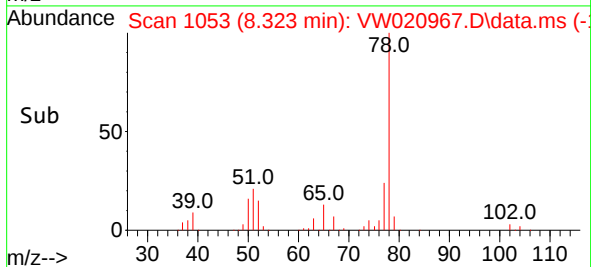
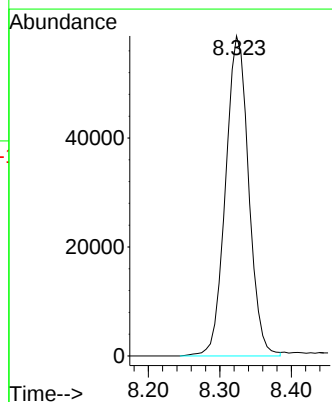
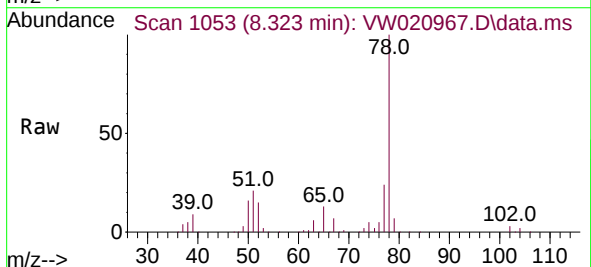
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

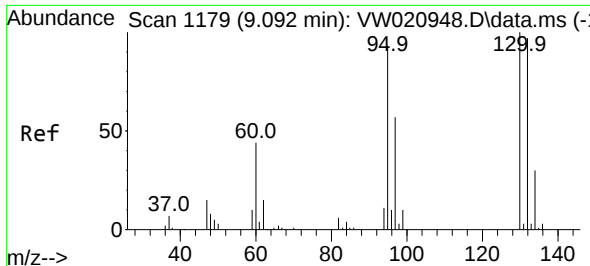
Tgt Ion:117 Resp: 49694
Ion Ratio Lower Upper
117 100
119 99.4 75.7 113.5



#33
Benzene
Concen: 22.628 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 78 Resp: 131752

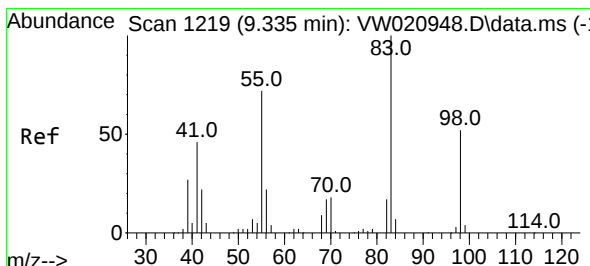
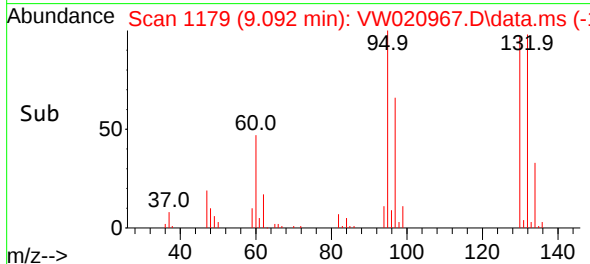
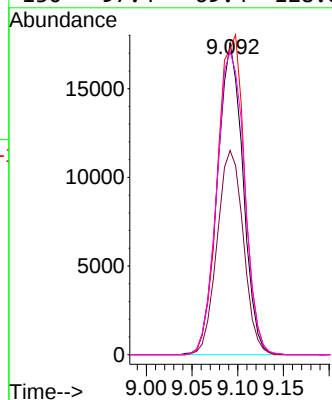
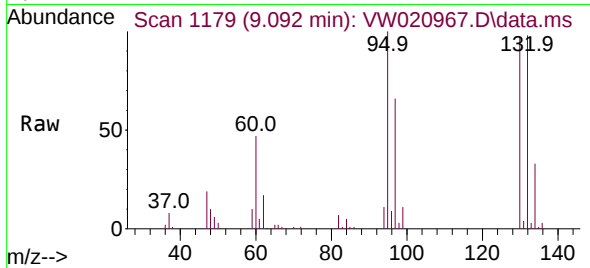




#34
Trichloroethene
Concen: 21.122 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

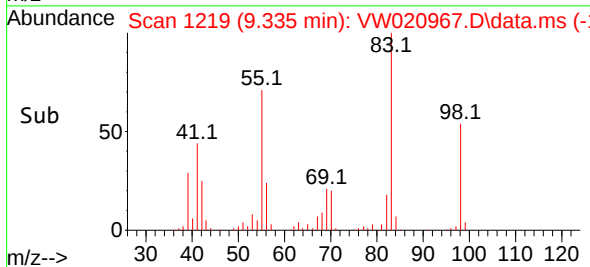
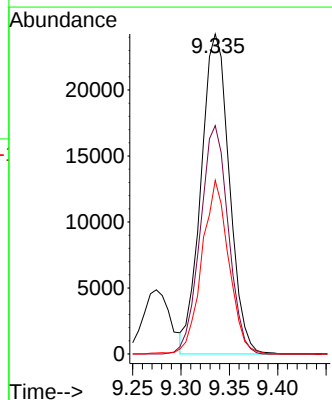
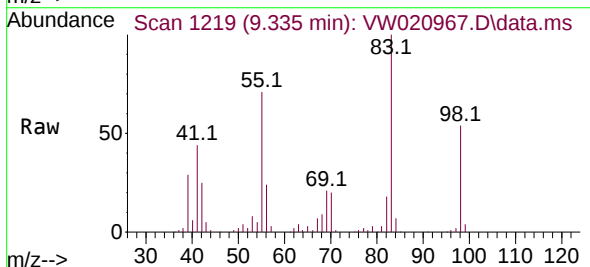
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

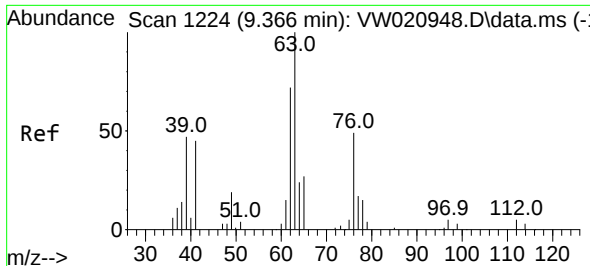
Tgt Ion: 95 Resp: 34399
Ion Ratio Lower Upper
95 100
97 65.5 47.0 87.2
132 98.1 65.5 121.6
130 97.4 69.4 128.8



#35
Methylcyclohexane
Concen: 18.378 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 83 Resp: 49347
Ion Ratio Lower Upper
83 100
55 70.6 70.8 106.2#
98 51.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.727 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

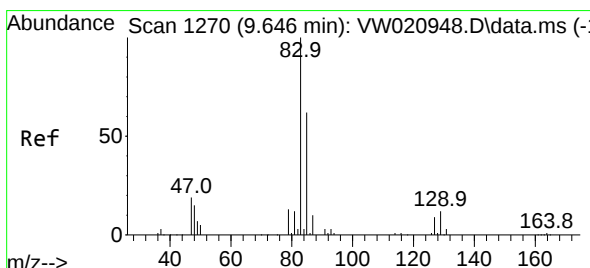
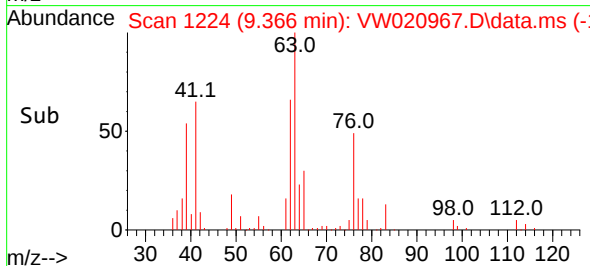
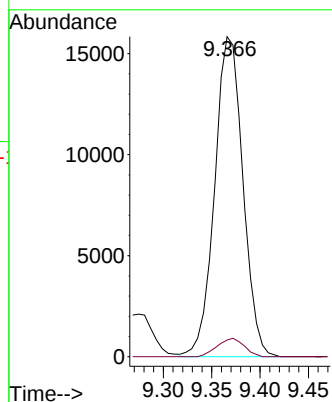
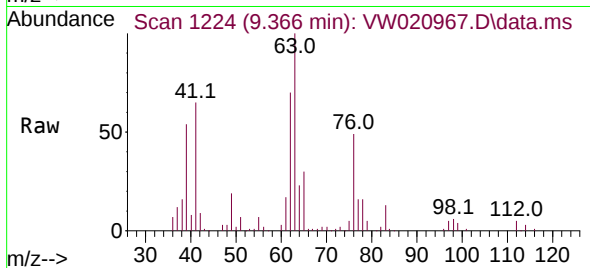
ESQM8MS

Tgt Ion: 63 Resp: 32152

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.230 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

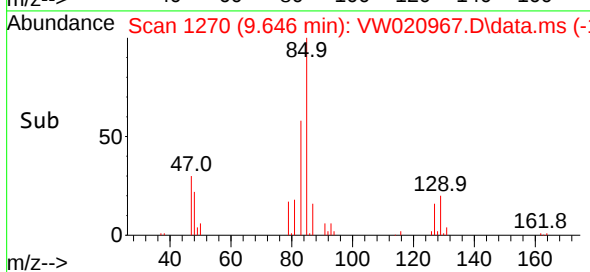
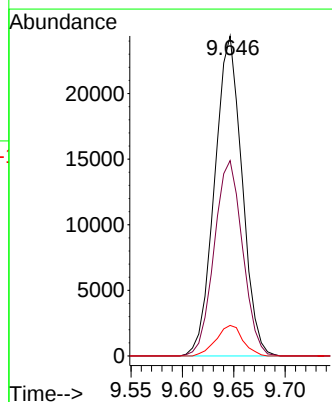
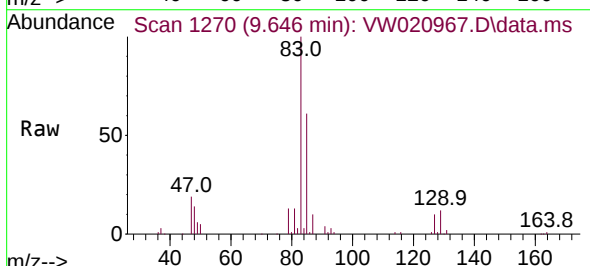
Tgt Ion: 83 Resp: 45175

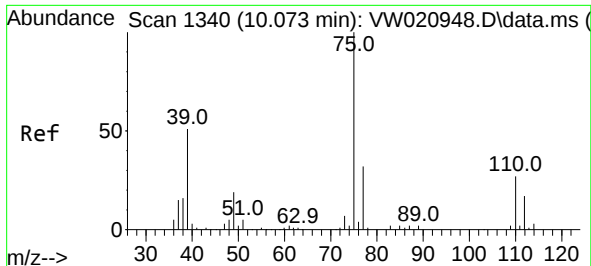
Ion Ratio Lower Upper

83 100

85 61.1 44.1 81.9

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.834 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

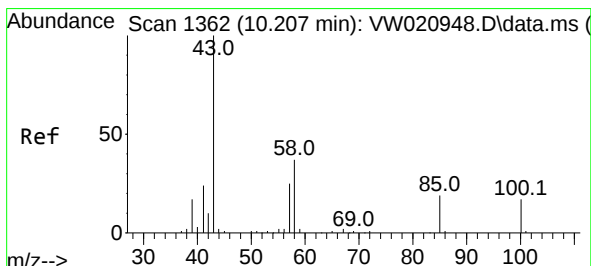
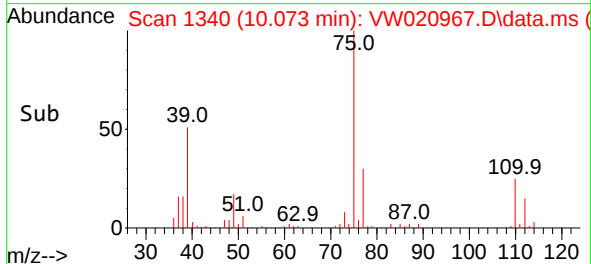
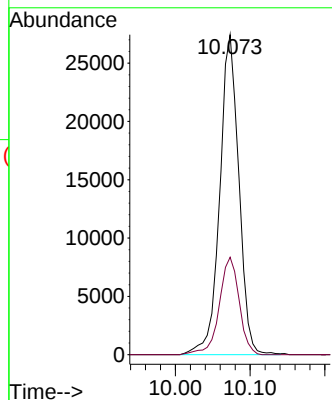
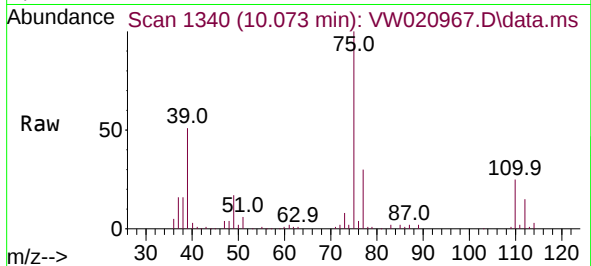
ESQM8MS

Tgt Ion: 75 Resp: 48851

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.768 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

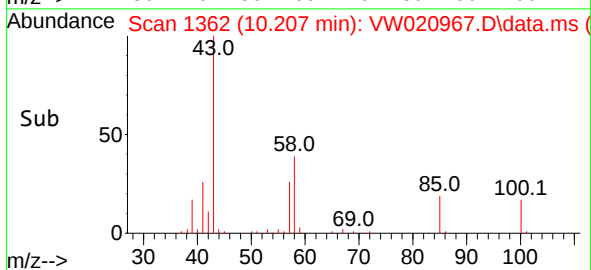
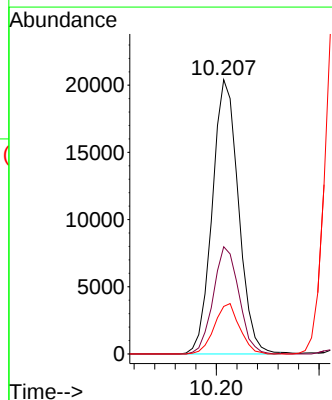
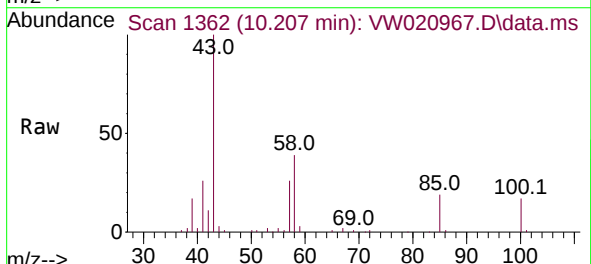
Tgt Ion: 43 Resp: 36108

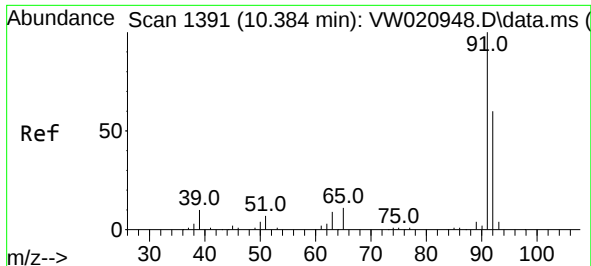
Ion Ratio Lower Upper

43 100

58 38.3 28.8 43.2

100 17.6 10.0 15.0#





#42

Toluene

Concen: 21.789 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

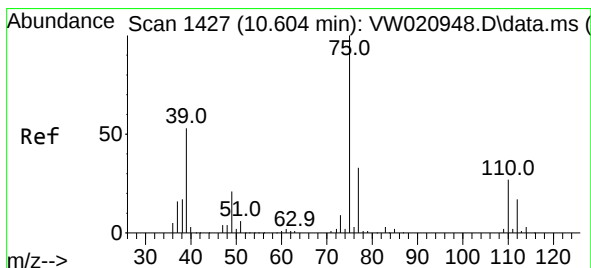
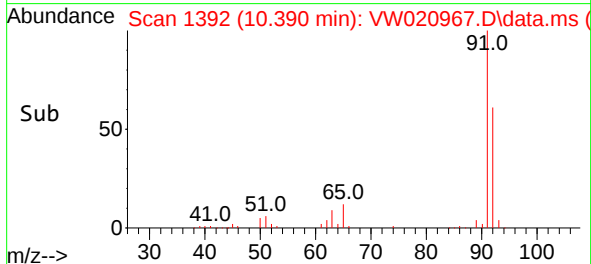
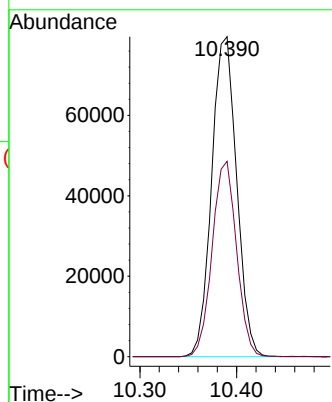
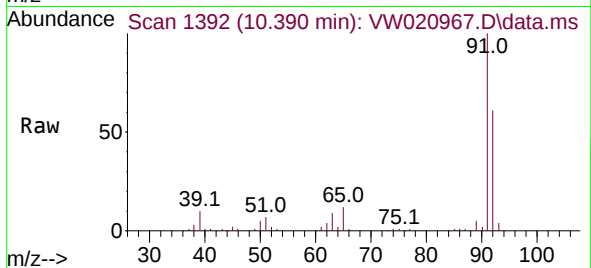
ESQM8MS

Tgt Ion: 91 Resp: 142705

Ion Ratio Lower Upper

91 100

92 61.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 21.381 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW020967.D

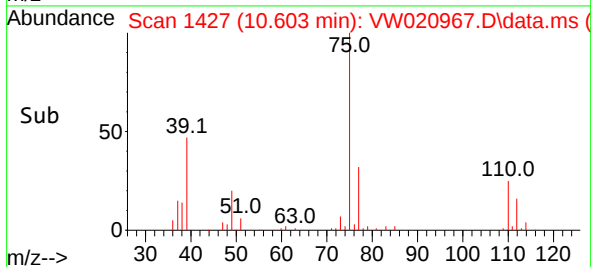
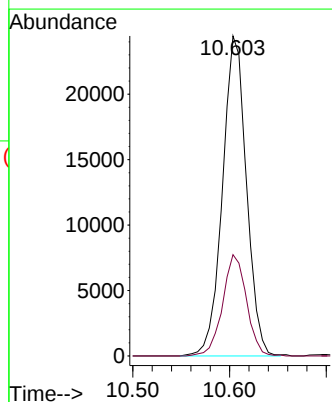
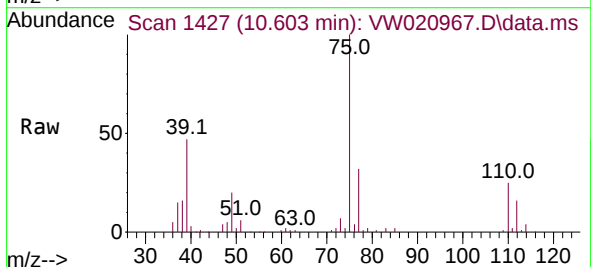
Acq: 26 Nov 2021 19:04

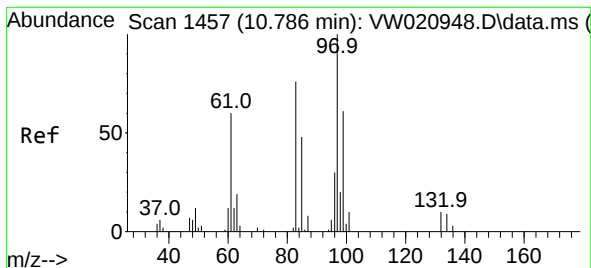
Tgt Ion: 75 Resp: 42041

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2

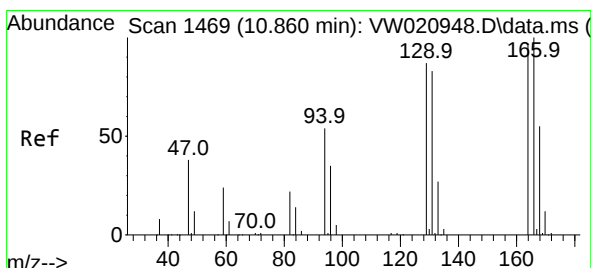
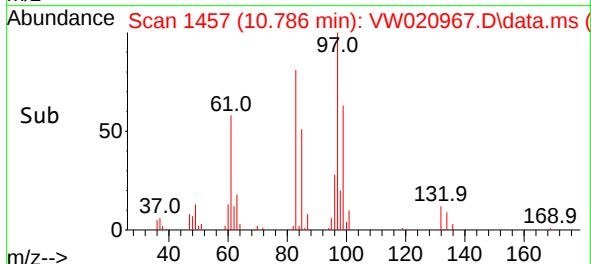
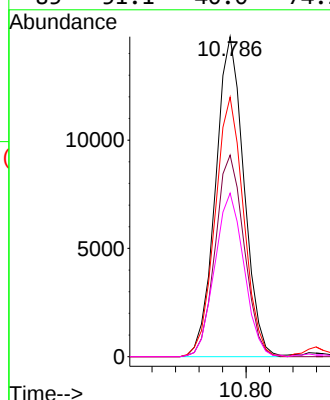
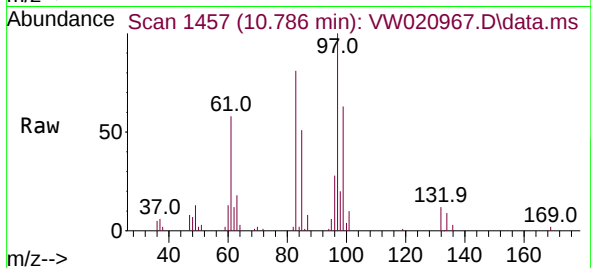




#45
1,1,2-Trichloroethane
Concen: 23.524 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

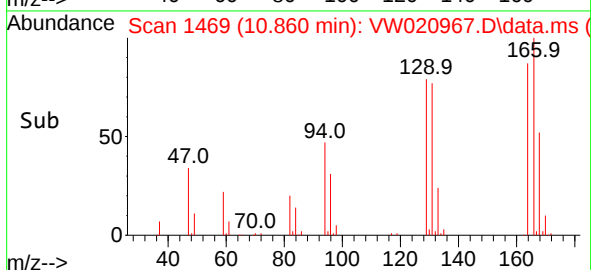
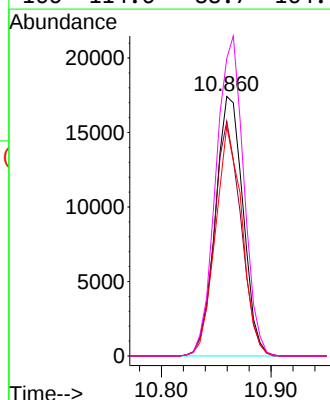
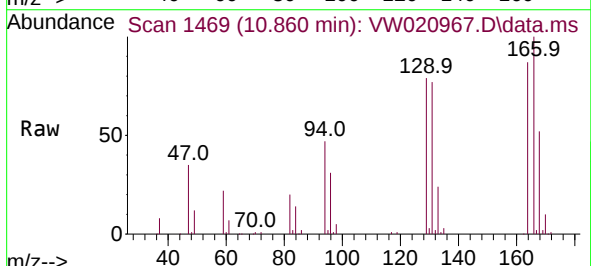
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

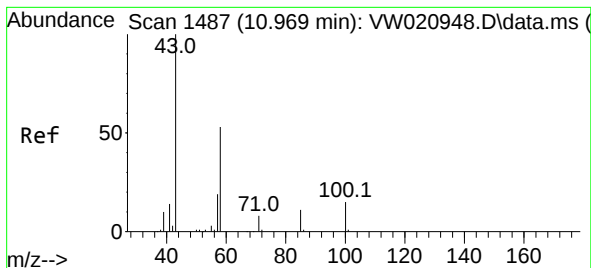
Tgt Ion:	97	Resp:	24792
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.0	79.8
83	81.1	62.6	116.3
85	51.1	40.0	74.2



#46
Tetrachloroethene
Concen: 20.448 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:	164	Resp:	30576
Ion	Ratio	Lower	Upper
164	100		
129	90.4	65.5	121.7
131	88.6	59.7	110.9
166	114.6	88.7	164.7

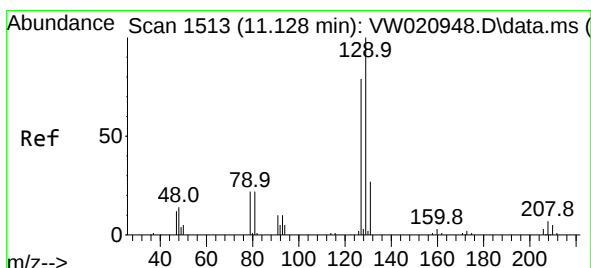
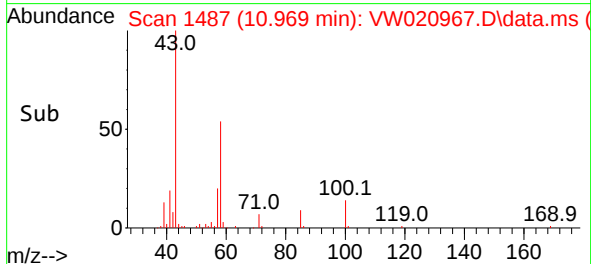
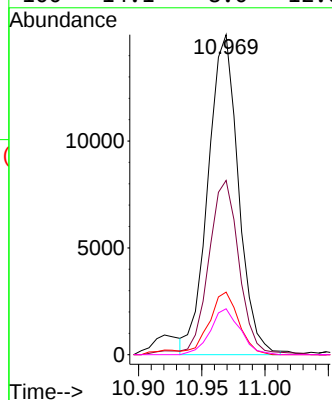
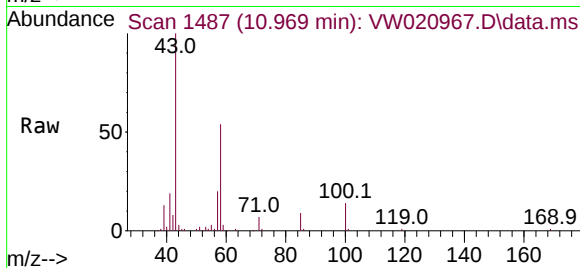




#48
2-Hexanone
Concen: 44.787 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

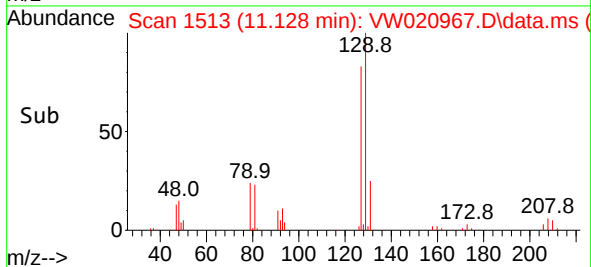
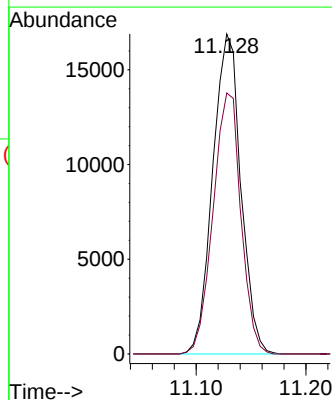
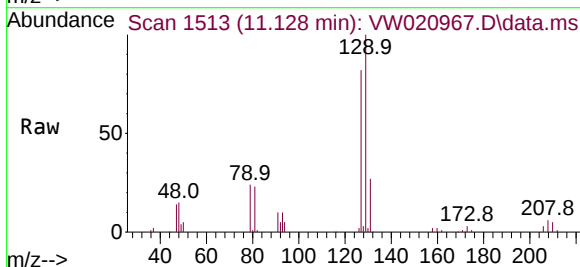
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

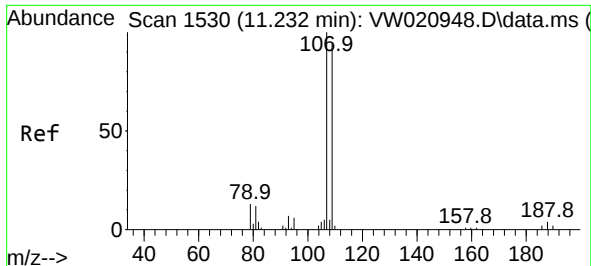
Tgt Ion:	43	Resp:	25022
Ion	Ratio	Lower	Upper
43	100		
58	54.1	40.2	60.2
57	19.0	14.3	21.5
100	14.1	8.0	12.0



#49
Dibromochloromethane
Concen: 20.748 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:	129	Resp:	30147
Ion	Ratio	Lower	Upper
129	100		
127	81.6	55.7	103.5





#50

1,2-Dibromoethane

Concen: 21.518 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

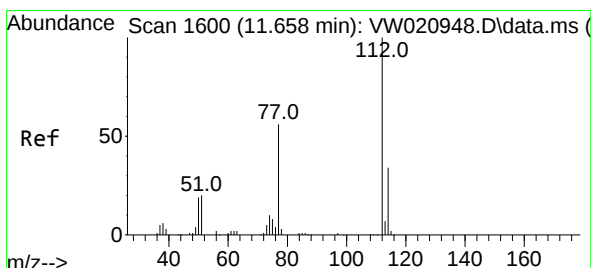
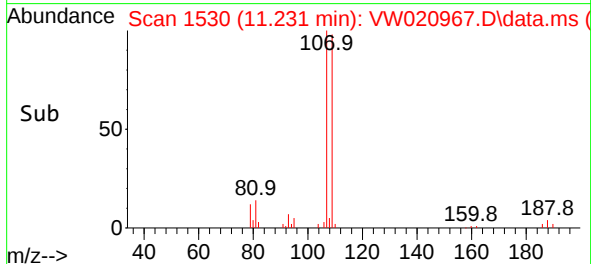
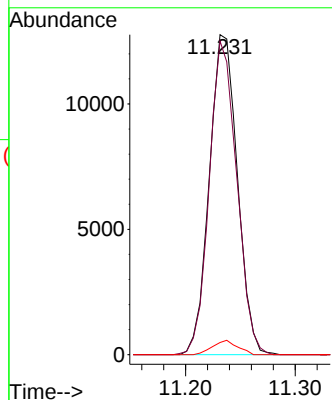
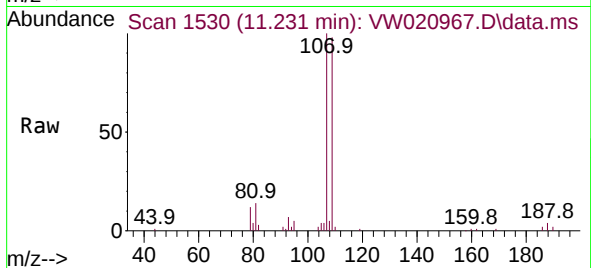
Tgt Ion:107 Resp: 22737

Ion Ratio Lower Upper

107 100

109 98.0 64.1 119.1

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 21.301 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

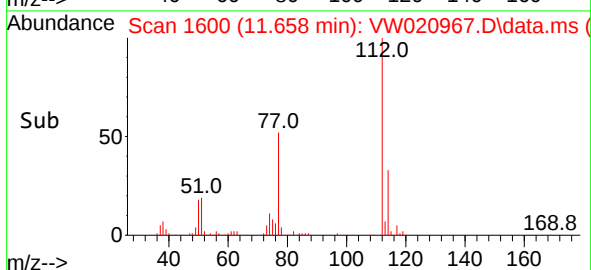
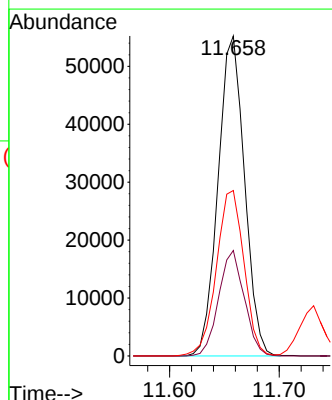
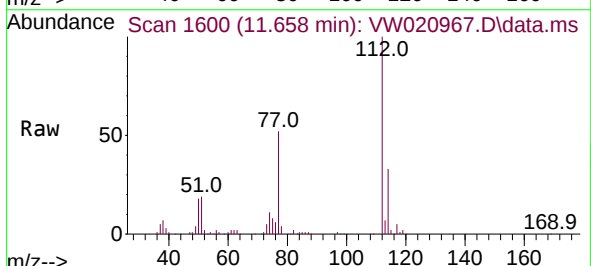
Tgt Ion:112 Resp: 92783

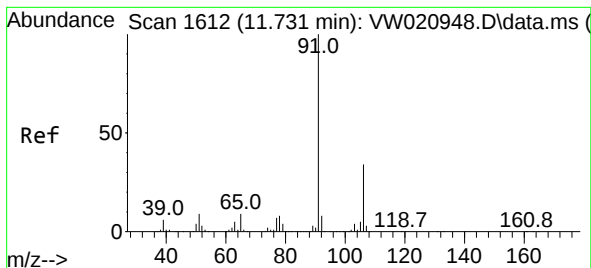
Ion Ratio Lower Upper

112 100

114 33.0 22.4 41.6

77 51.7 50.2 75.4

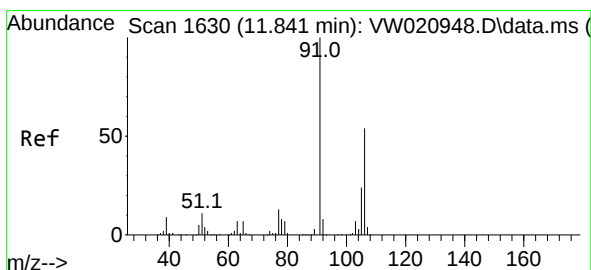
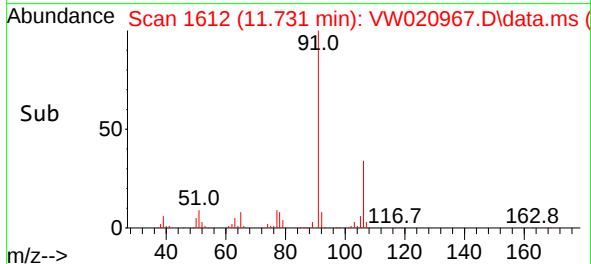
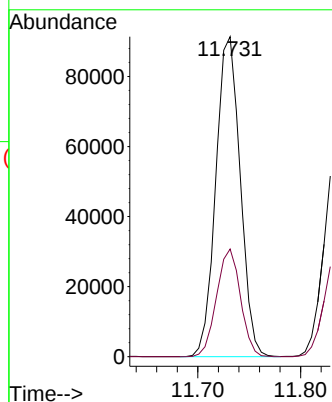
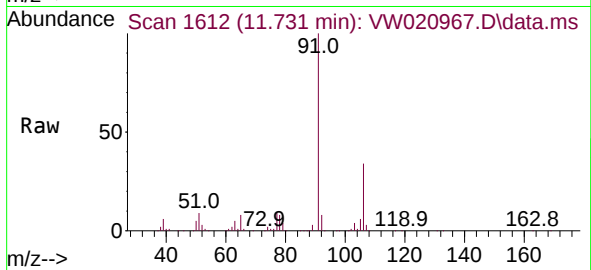




#52
Ethylbenzene
Concen: 20.718 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

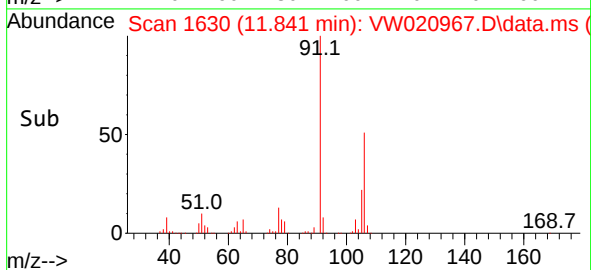
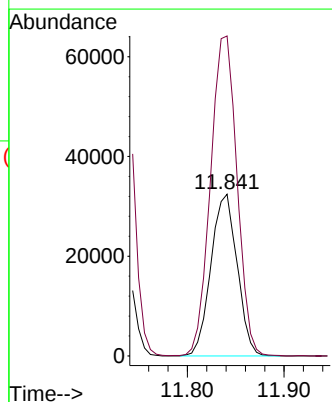
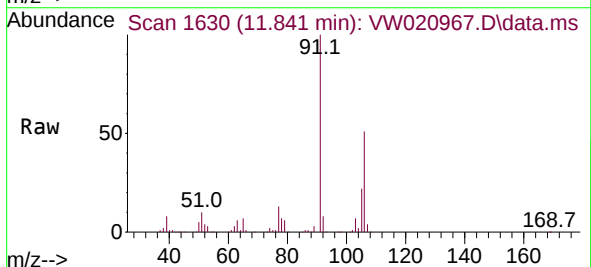
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

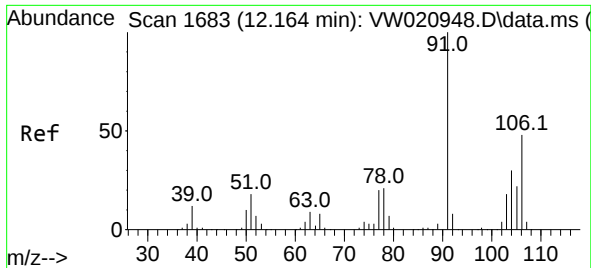
Tgt Ion: 91 Resp: 150356
Ion Ratio Lower Upper
91 100
106 33.7 21.5 39.9



#53
m,p-Xylene
Concen: 20.634 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 106 Resp: 61136
Ion Ratio Lower Upper
106 100
91 197.8 149.9 278.3

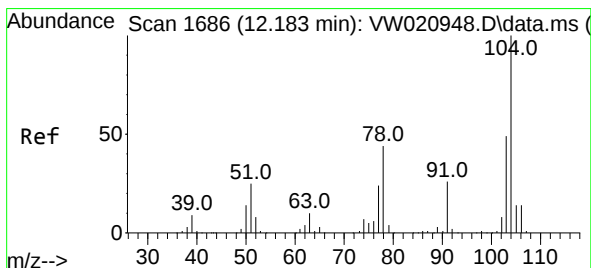
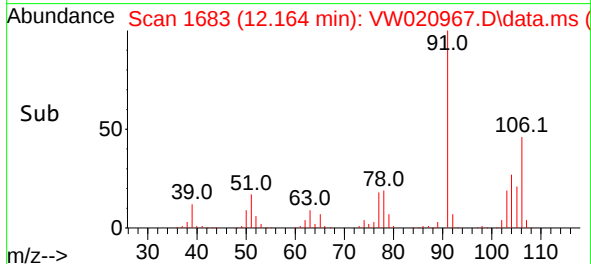
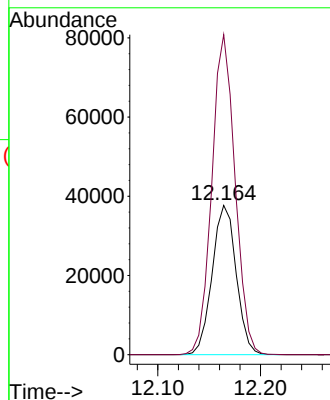
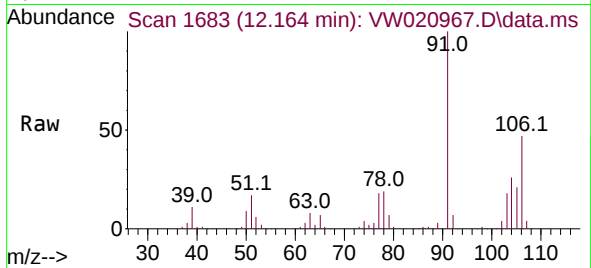




#54
o-Xylene
Concen: 21.497 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

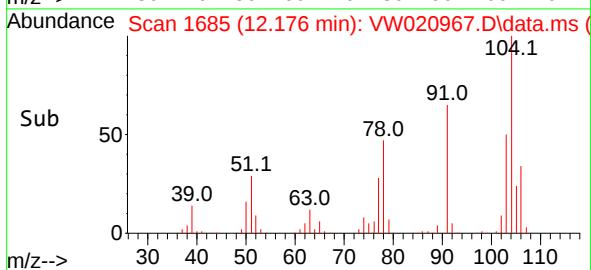
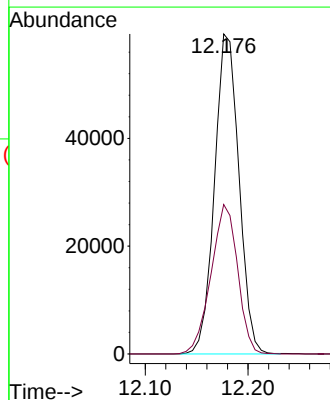
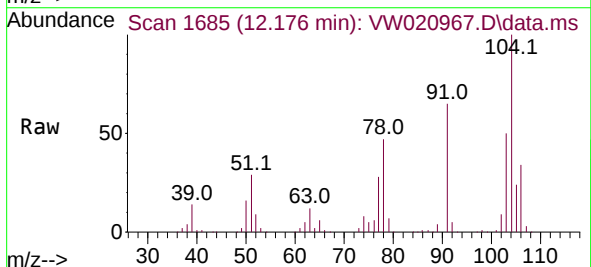
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

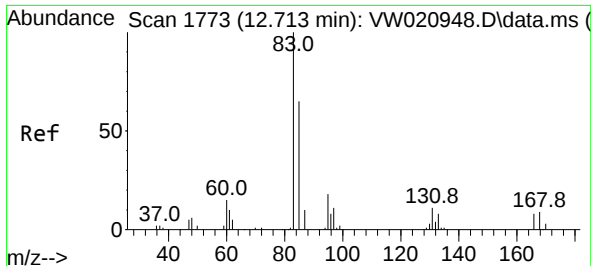
Tgt Ion:106 Resp: 61171
Ion Ratio Lower Upper
106 100
91 214.3 153.6 285.3



#55
Styrene
Concen: 20.734 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:104 Resp: 97970
Ion Ratio Lower Upper
104 100
78 46.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.495 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

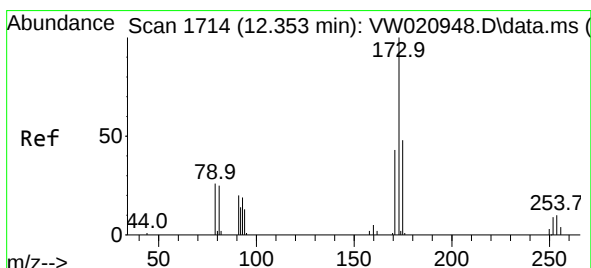
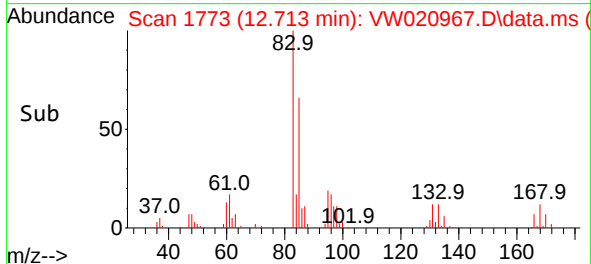
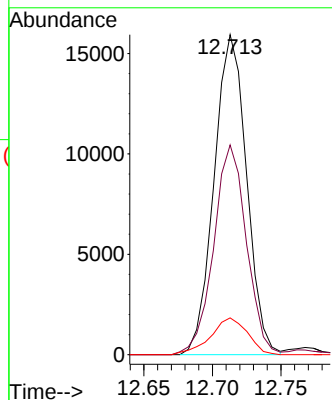
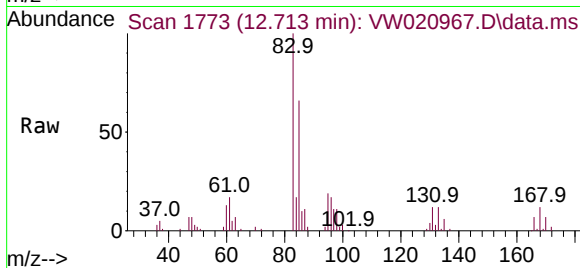
Tgt Ion: 83 Resp: 26277

Ion Ratio Lower Upper

83 100

85 65.6 44.0 81.6

131 11.5 6.9 10.3#



#59

Bromoform

Concen: 22.954 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

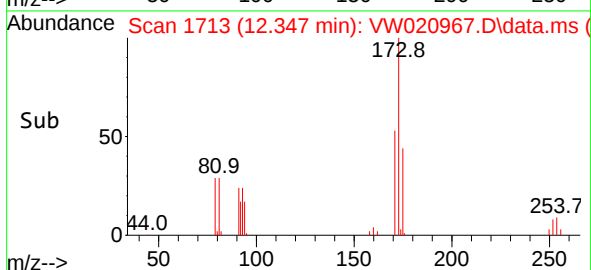
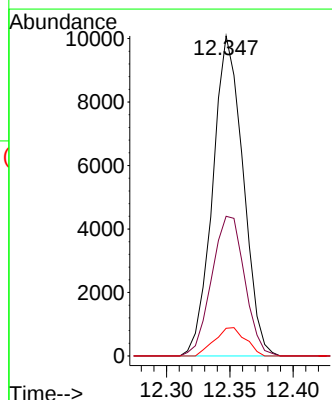
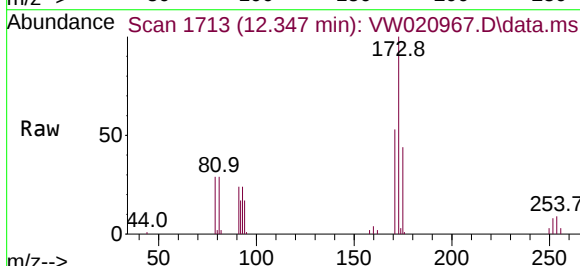
Tgt Ion:173 Resp: 16856

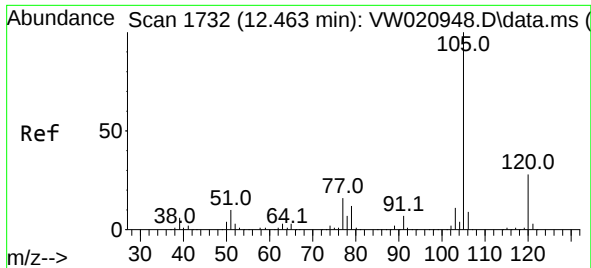
Ion Ratio Lower Upper

173 100

175 47.3 39.6 59.4

254 9.0 7.4 11.0

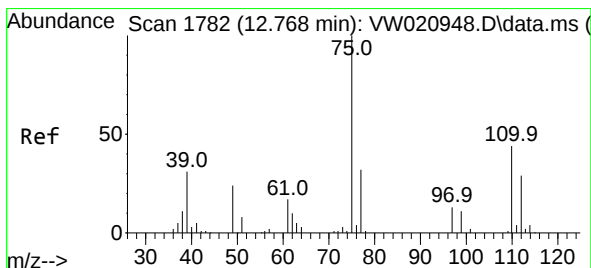
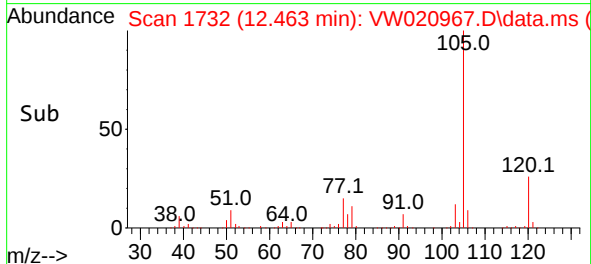
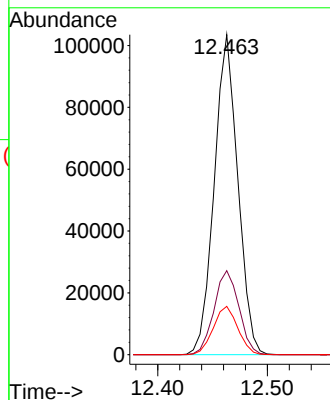
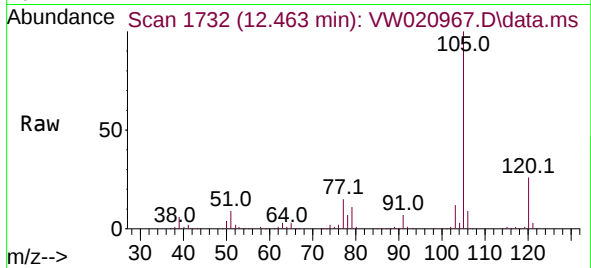




#60
Isopropylbenzene
Concen: 23.057 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

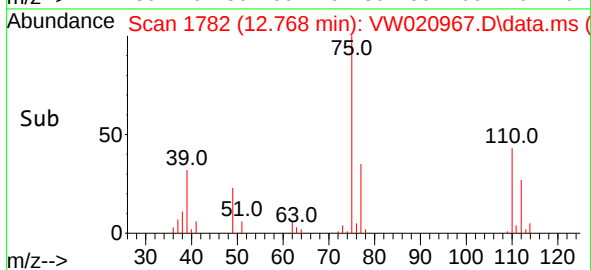
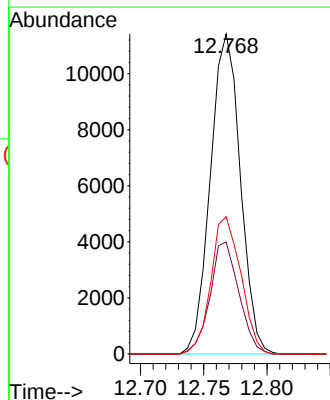
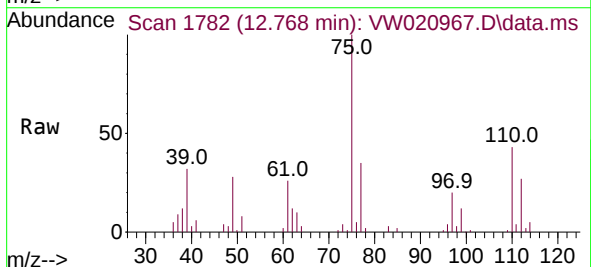
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

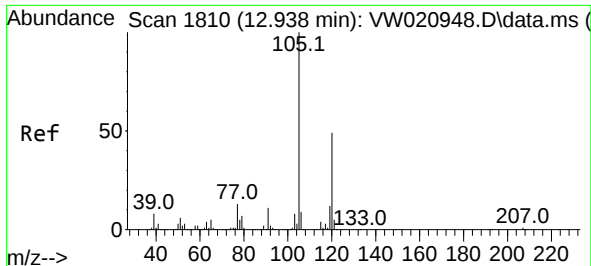
Tgt Ion:105 Resp: 154660
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.007 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion: 75 Resp: 18787
Ion Ratio Lower Upper
75 100
77 33.8 25.8 38.8
110 43.0 29.0 43.4

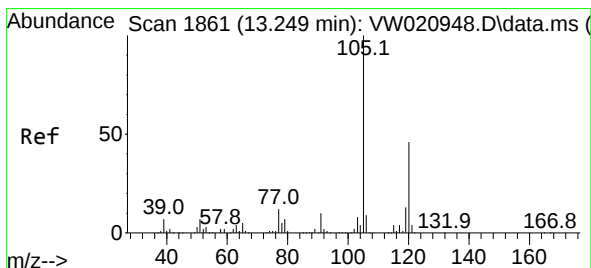
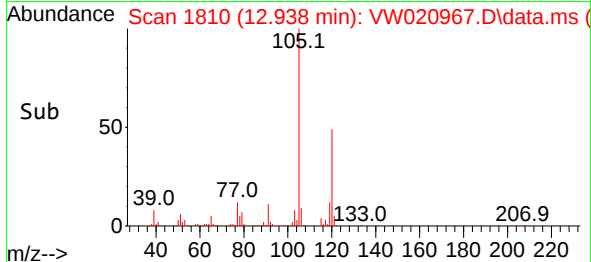
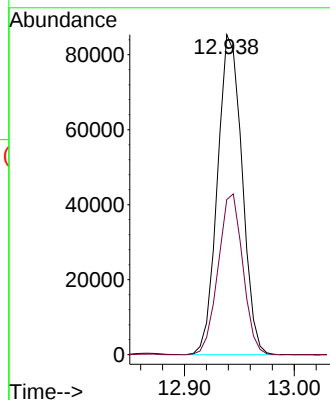
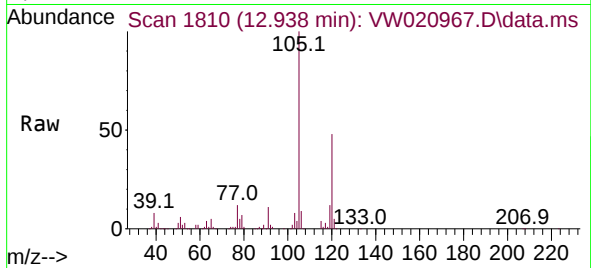




#62
1,3,5-Trimethylbenzene
Concen: 23.560 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

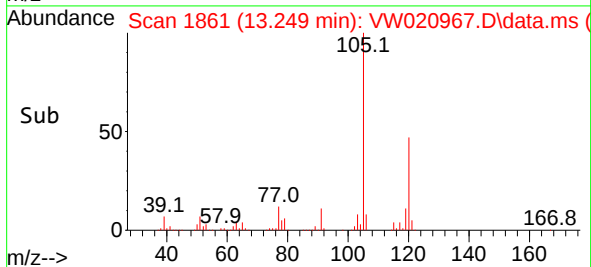
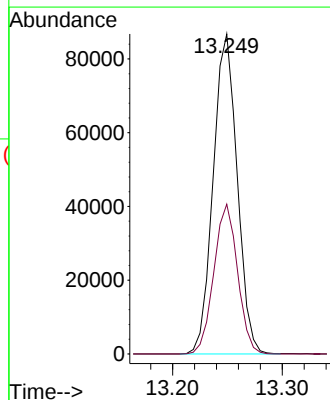
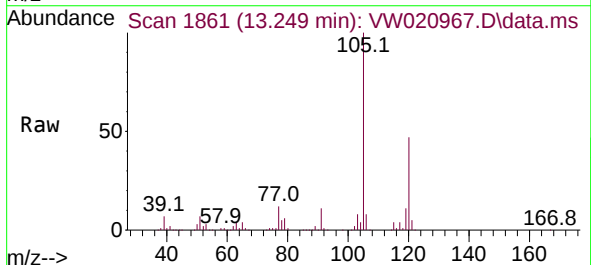
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

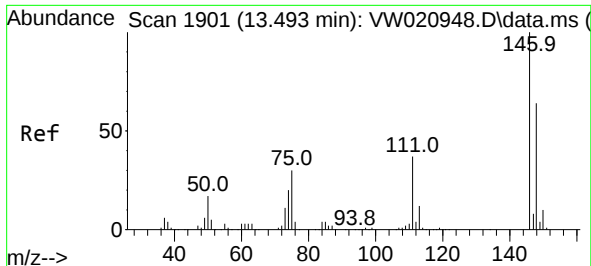
Tgt Ion:105 Resp: 133320
Ion Ratio Lower Upper
105 100
120 50.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.643 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:105 Resp: 131999
Ion Ratio Lower Upper
105 100
120 46.2 35.0 52.6

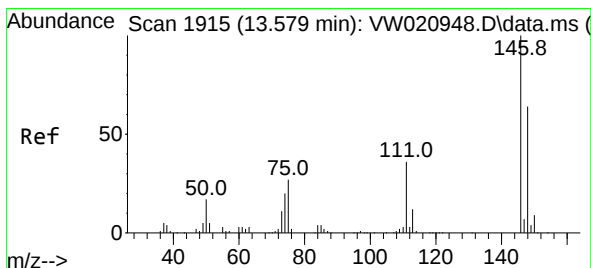
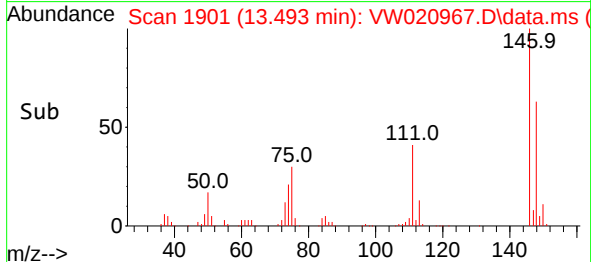
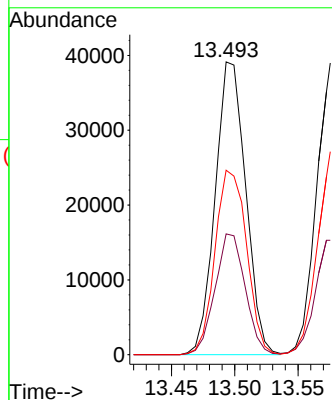
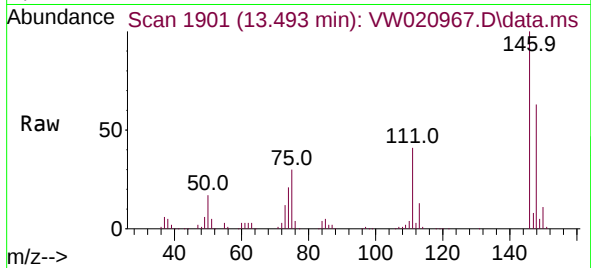




#64
1,3-Dichlorobenzene
Concen: 20.915 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

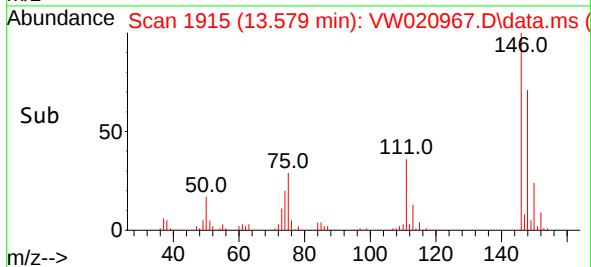
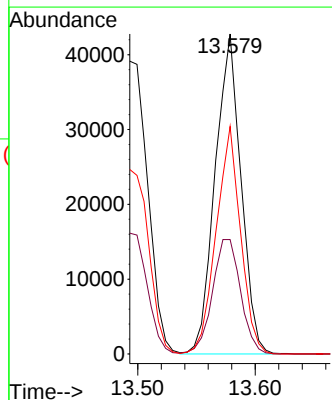
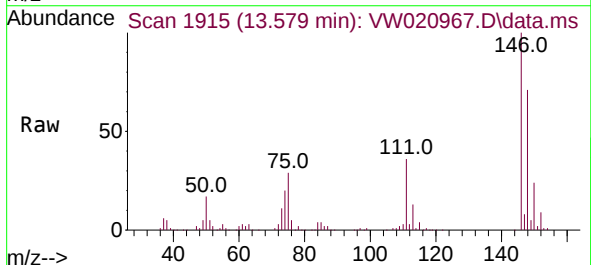
Instrument :
MSVOA_W
ClientSampleId :
ESQM8MS

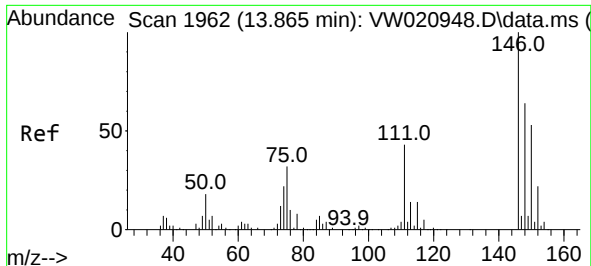
Tgt Ion:146 Resp: 65776
Ion Ratio Lower Upper
146 100
111 41.3 29.8 55.3
148 63.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.646 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020967.D
Acq: 26 Nov 2021 19:04

Tgt Ion:146 Resp: 65497
Ion Ratio Lower Upper
146 100
111 35.7 29.0 53.9
148 71.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.906 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

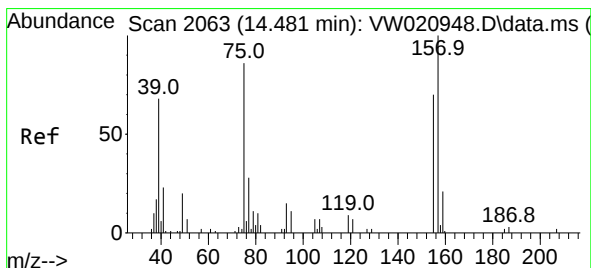
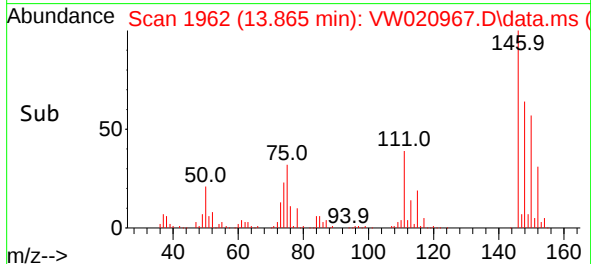
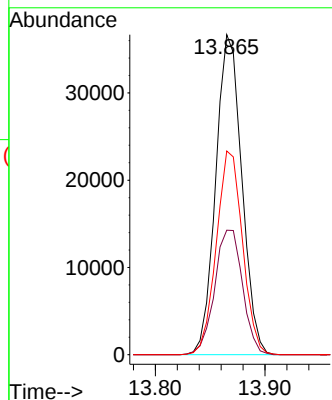
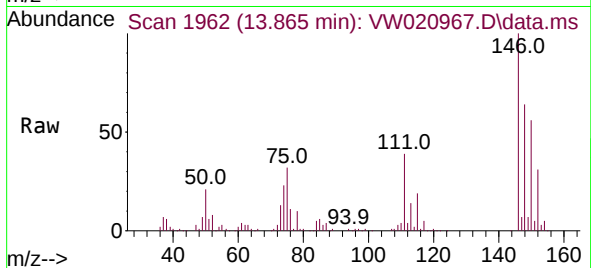
Tgt Ion:146 Resp: 60707

Ion Ratio Lower Upper

146 100

111 38.9 33.1 49.7

148 63.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.761 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

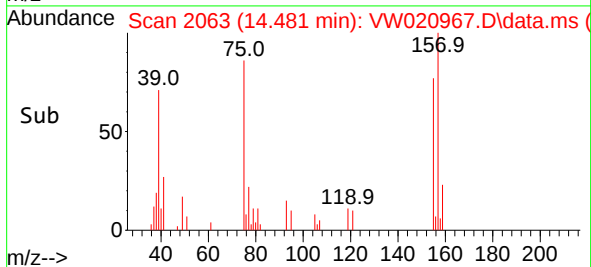
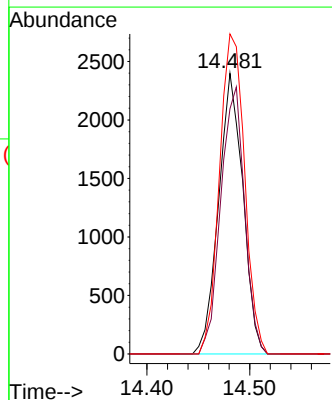
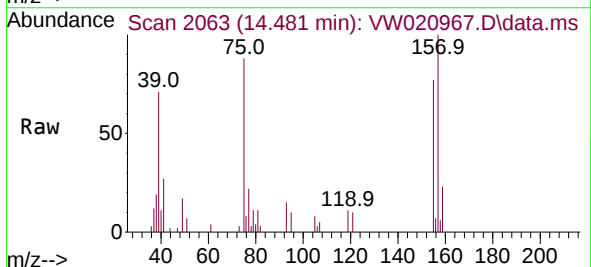
Tgt Ion: 75 Resp: 3931

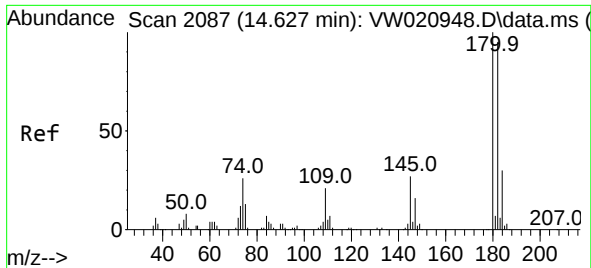
Ion Ratio Lower Upper

75 100

155 87.3 54.2 81.2#

157 114.0 69.4 104.2#

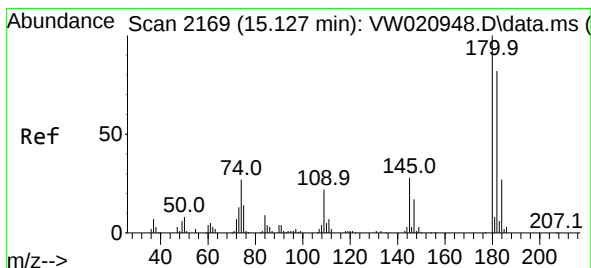
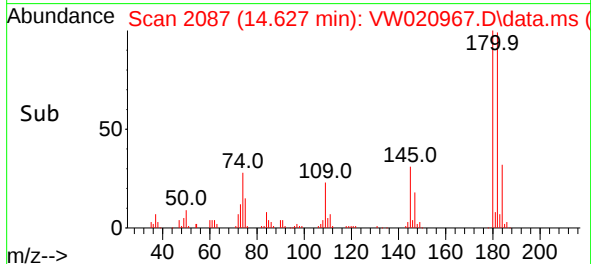
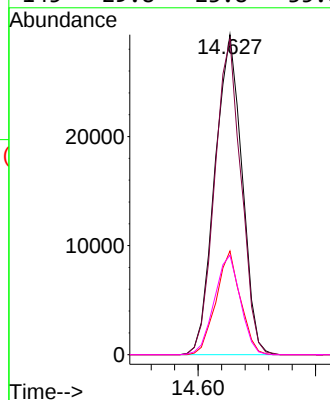
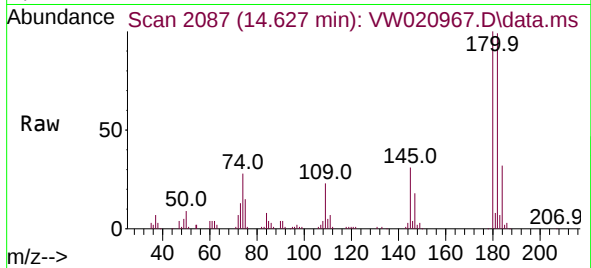




#69
 1,3,5-Trichlorobenzene
 Concen: 18.875 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020967.D
 Acq: 26 Nov 2021 19:04

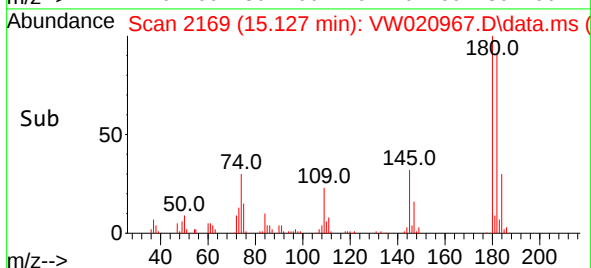
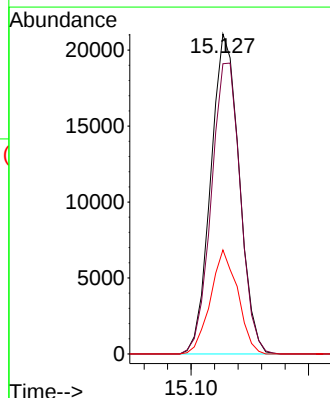
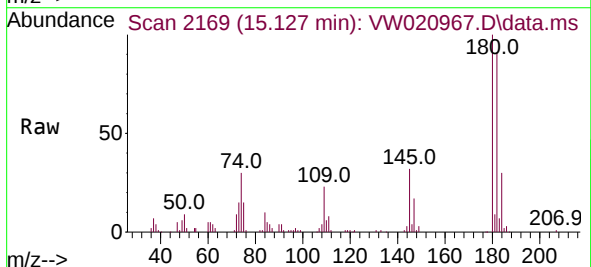
Instrument :
 MSVOA_W
 ClientSampleId :
 ESQM8MS

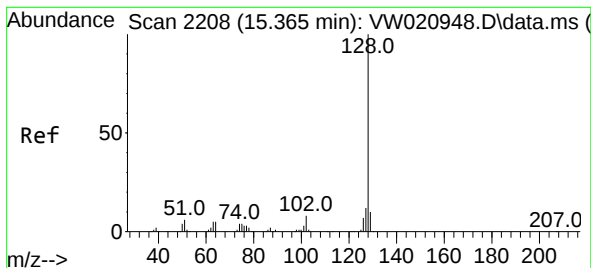
Tgt Ion:	180	Resp:	47016
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.4	113.0
184	29.2	23.8	35.8
145	29.8	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 17.390 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW020967.D
 Acq: 26 Nov 2021 19:04

Tgt Ion:	180	Resp:	35438
Ion Ratio	Lower	Upper	
180	100		
182	92.9	79.0	118.6
145	31.2	26.0	39.0





#71

Naphthalene

Concen: 20.037 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Instrument :

MSVOA_W

ClientSampleId :

ESQM8MS

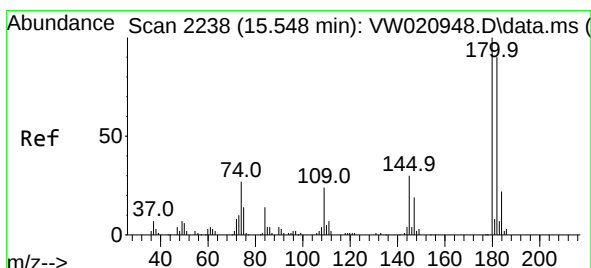
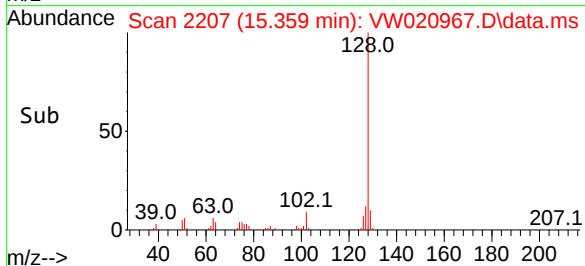
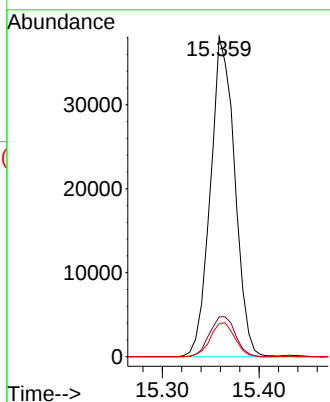
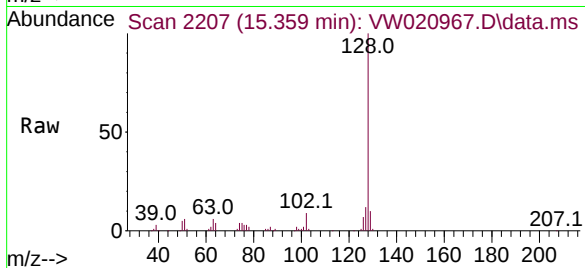
Tgt Ion:128 Resp: 66532

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 17.820 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020967.D

Acq: 26 Nov 2021 19:04

Tgt Ion:180 Resp: 30643

Ion Ratio Lower Upper

180 100

182 89.8 76.6 114.8

145 29.2 27.4 41.0

