

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024041.D
 Acq On : 23 Jul 2022 09:03
 Operator : SY/VA
 Sample : N3790-10MSD
 Misc : 4.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MSD

Quant Time: Jul 24 00:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	276439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	270093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147704	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	130390	18.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.873	69	88508	18.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.160%
11) 1,1-Dichloroethene-d2	4.013	63	117088	20.365	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.480%
21) 2-Butanone-d5	7.074	46	48883	44.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.280%
24) Chloroform-d	7.647	84	193111	23.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.305	65	105764	21.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.960%
32) Benzene-d6	8.268	84	343675	24.478	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.268	67	107925	25.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.323	98	327912	23.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	10.573	79	44908	22.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.927	63	44147	49.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114339	24.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	122713	23.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	38088	20.275	ug/L	95
3) Chloromethane	2.209	50	102416	22.262	ug/L	97
5) Vinyl chloride	2.349	62	167436	21.195	ug/L	99
6) Bromomethane	2.763	94	90347	17.682	ug/L	95
8) Chloroethane	2.910	64	74225	20.084	ug/L	99
9) Trichlorofluoromethane	3.245	101	78274	21.798	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	79494	22.621	ug/L	99
12) 1,1-Dichloroethene	4.031	96	65464	22.340	ug/L	84
13) Acetone	4.123	43	33140	42.801	ug/L	100
14) Carbon disulfide	4.373	76	155884	18.084	ug/L	99
15) Methyl Acetate	4.665	43	32186	18.573	ug/L	99
16) Methylene chloride	4.909	84	92955	21.504	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	80778	22.720	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	133938	24.350	ug/L	99
19) 1,1-Dichloroethane	6.208	63	160882	24.531	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	95982	24.368	ug/L	89
22) 2-Butanone	7.171	43	52508	41.265	ug/L	98
23) Bromochloromethane	7.506	128	43668	23.078	ug/L	88
25) Chloroform	7.677	83	186477	24.681	ug/L	96

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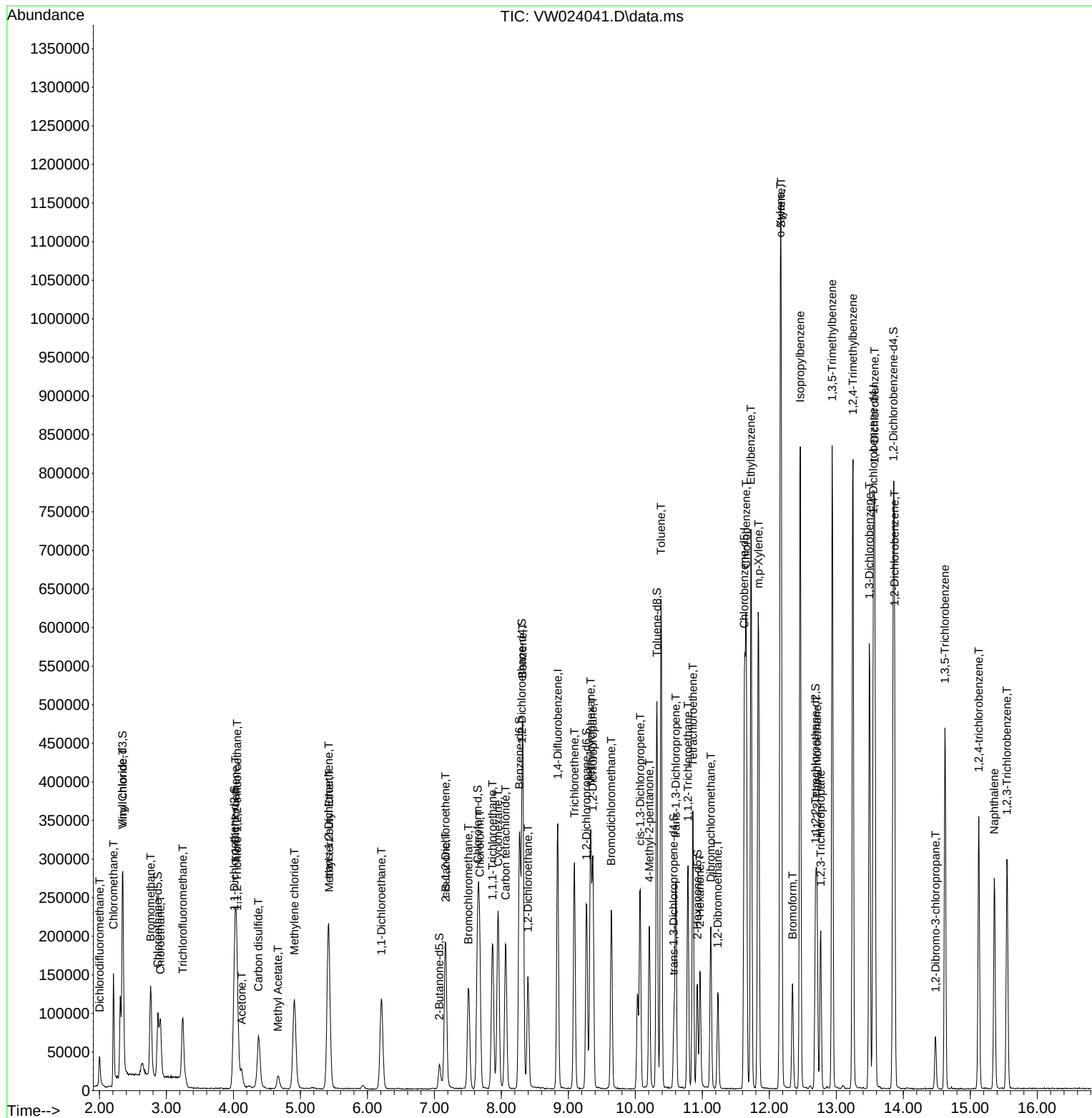
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	125259	22.526	ug/L	99
29) Cyclohexane	7.951	56	110521	22.373	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	149772	25.610	ug/L	99
31) Carbon tetrachloride	8.061	117	133511	25.326	ug/L	99
33) Benzene	8.317	78	390864	25.466	ug/L	100
34) Trichloroethene	9.091	95	98907	24.403	ug/L	93
35) Methylcyclohexane	9.335	83	128898	20.885	ug/L	97
37) 1,2-Dichloropropane	9.366	63	102688	26.686	ug/L	100
38) Bromodichloromethane	9.640	83	145614	27.114	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	145072	25.013	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	128850	48.120	ug/L	98
42) Toluene	10.384	91	453370	25.901	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	136955	24.844	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	84680	25.168	ug/L	97
46) Tetrachloroethene	10.859	164	71938	22.954	ug/L	94
48) 2-Hexanone	10.963	43	94633	48.541	ug/L	99
49) Dibromochloromethane	11.128	129	101300	25.962	ug/L	98
50) 1,2-Dibromoethane	11.231	107	77452	23.960	ug/L #	92
51) Chlorobenzene	11.652	112	300529	25.457	ug/L	98
52) Ethylbenzene	11.725	91	504095	25.343	ug/L	95
53) m,p-Xylene	11.841	106	197572	25.458	ug/L	90
54) o-Xylene	12.164	106	197106	26.446	ug/L	97
55) Styrene	12.176	104	353389	26.839	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	112315	24.473	ug/L	94
59) Bromoform	12.347	173	57305	26.311	ug/L	97
60) Isopropylbenzene	12.463	105	515322	25.972	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	77157	23.823	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	417285	25.689	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	428188	26.365	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	225427	25.024	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	237213	24.751	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	218994	25.776	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	16657	22.299	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	131580	22.067	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	98799	21.458	ug/L	98
71) Naphthalene	15.359	128	223151	22.594	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	91392	21.296	ug/L	99

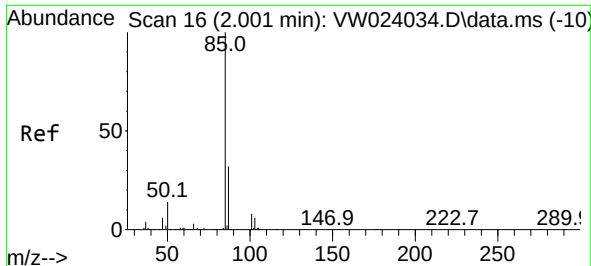
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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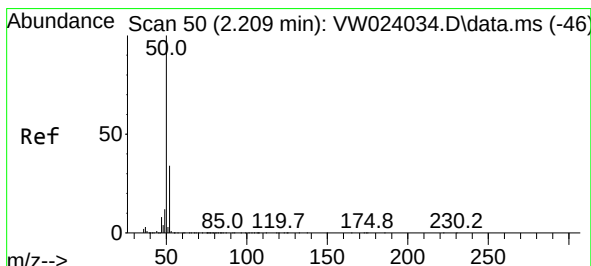
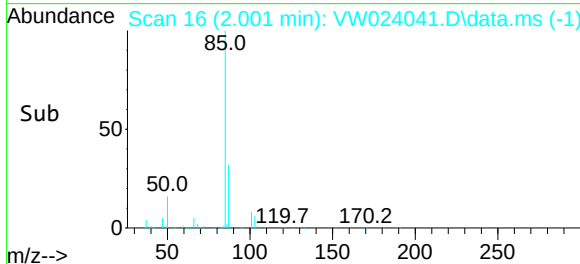
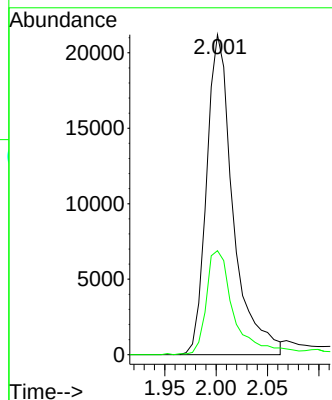
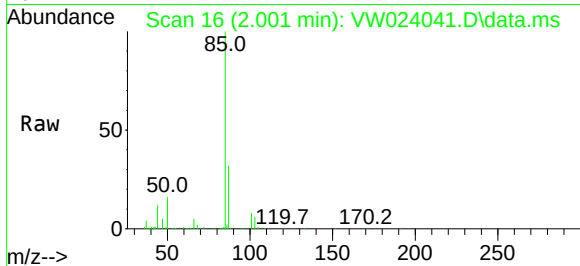




#2
 Dichlorodifluoromethane
 Concen: 20.275 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

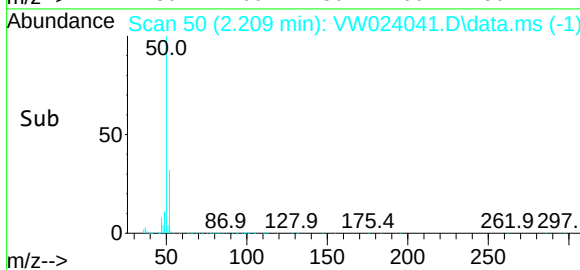
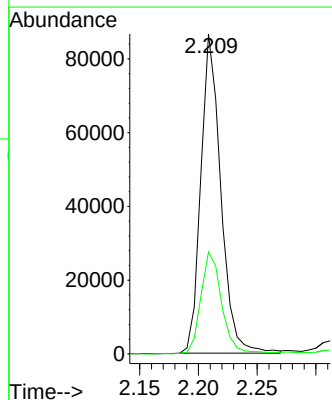
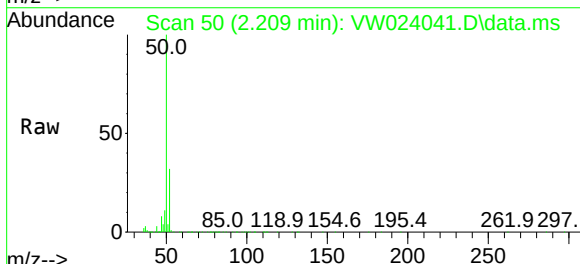
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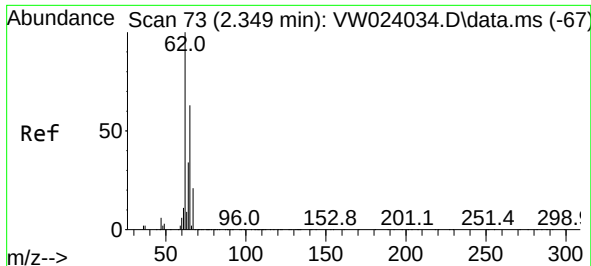
Tgt Ion: 85 Resp: 38088
 Ion Ratio Lower Upper
 85 100
 87 33.4 24.7 37.1



#3
 Chloromethane
 Concen: 22.262 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

Tgt Ion: 50 Resp: 102416
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 44.1

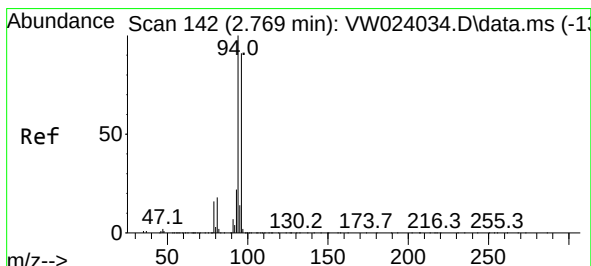
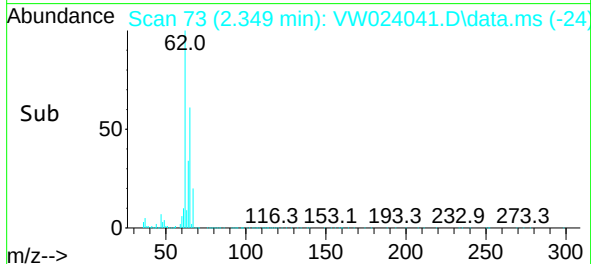
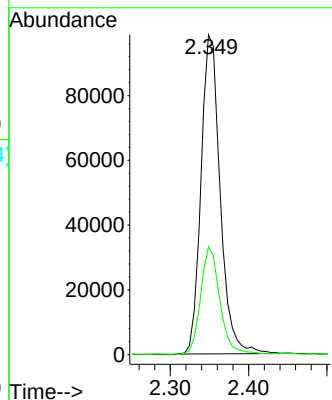
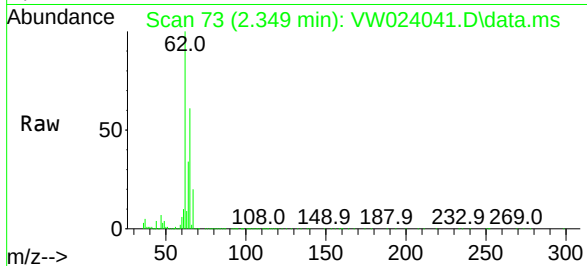




#5
 Vinyl chloride
 Concen: 21.195 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

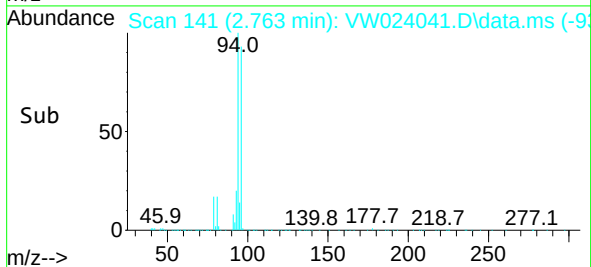
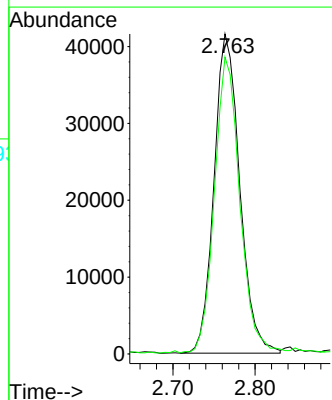
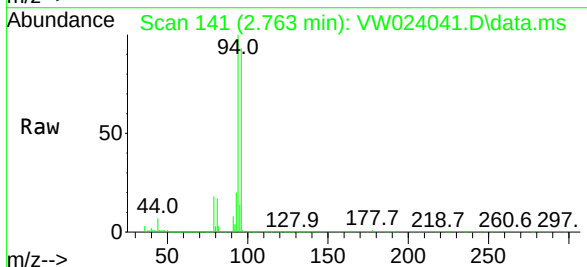
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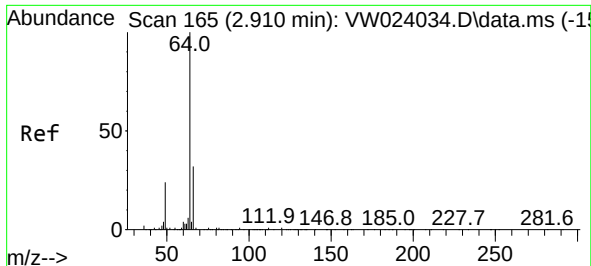
Tgt Ion: 62 Resp: 167436
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.0 44.6



#6
 Bromomethane
 Concen: 17.682 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

Tgt Ion: 94 Resp: 90347
 Ion Ratio Lower Upper
 94 100
 96 92.8 68.2 126.6

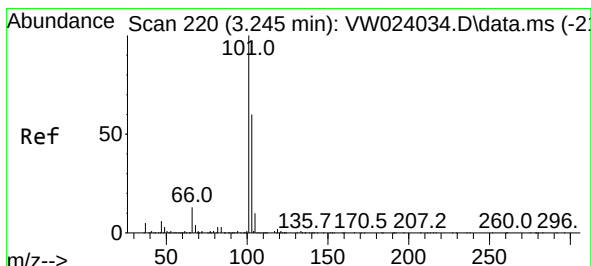
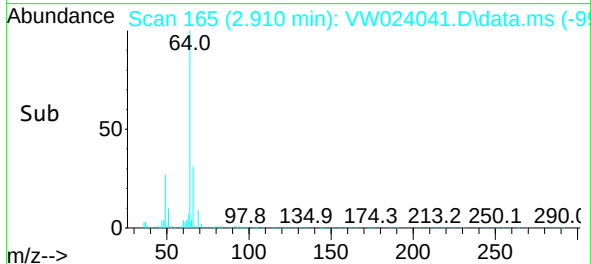
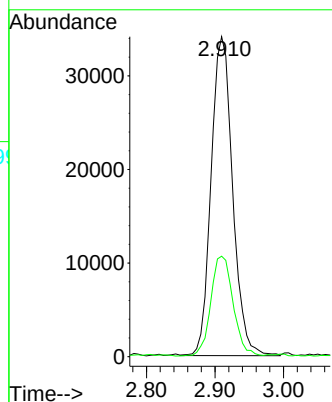
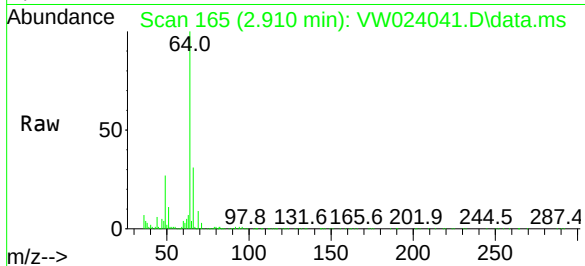




#8
Chloroethane
Concen: 20.084 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

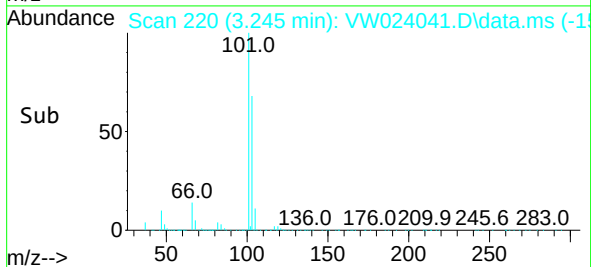
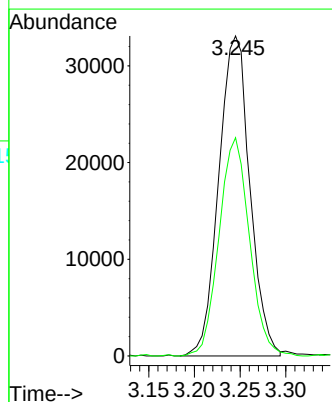
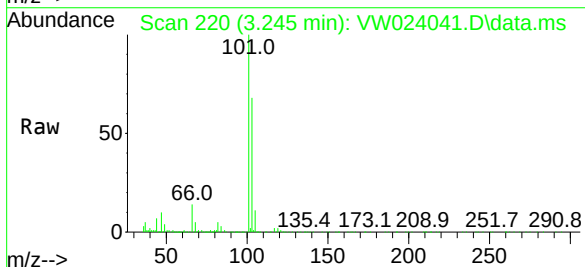
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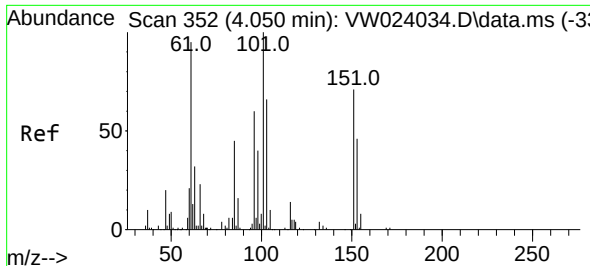
Tgt Ion: 64 Resp: 74225
Ion Ratio Lower Upper
64 100
66 31.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 21.798 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 101 Resp: 78274
Ion Ratio Lower Upper
101 100
103 66.8 52.1 78.1

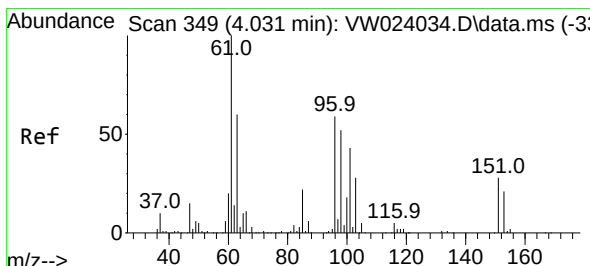
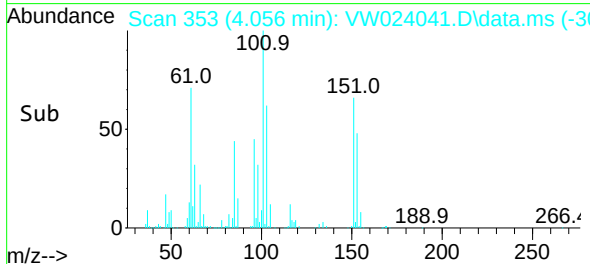
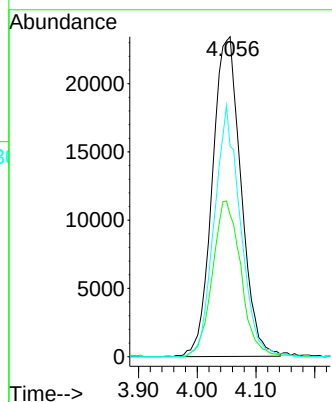
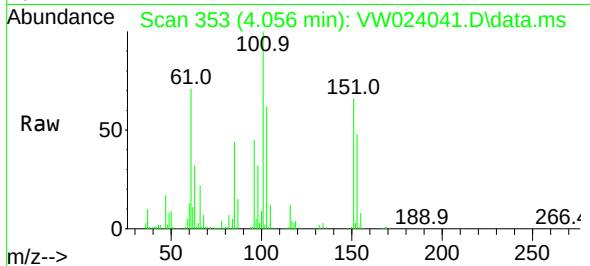




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.621 ug/L
RT: 4.056 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW024041.D
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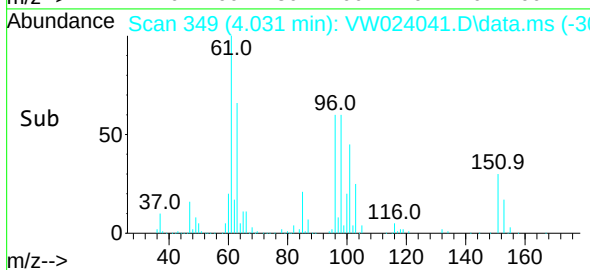
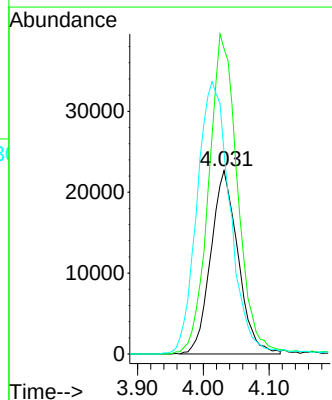
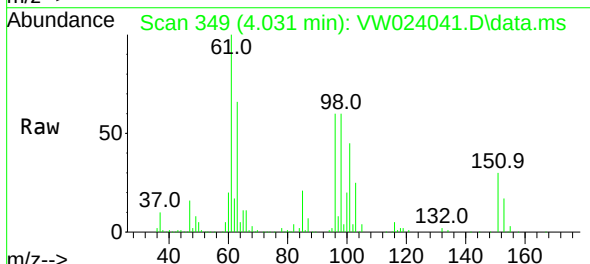
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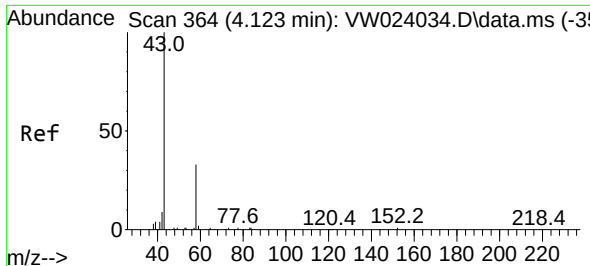
Tgt Ion:101 Resp: 79494
Ion Ratio Lower Upper
101 100
85 47.9 37.6 56.4
151 71.4 57.6 86.4



#12
1,1-Dichloroethene
Concen: 22.340 ug/L
RT: 4.031 min Scan# 349
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 96 Resp: 65464
Ion Ratio Lower Upper
96 100
61 166.5 125.4 232.8
63 110.1 97.4 180.8

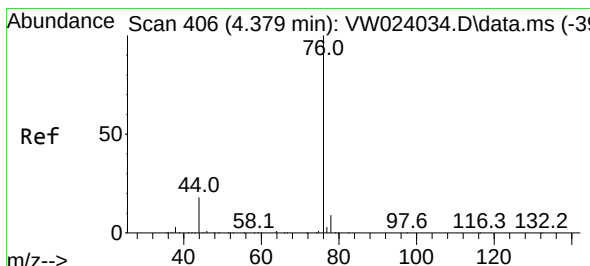
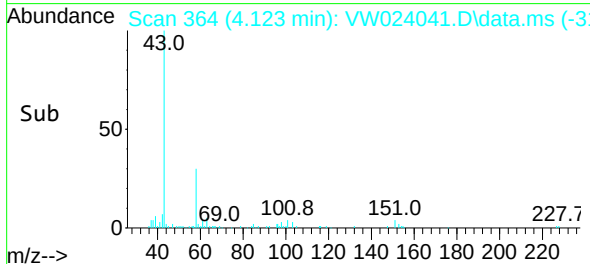
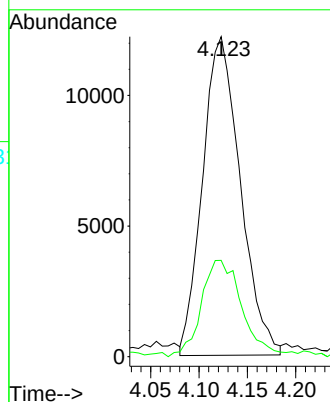
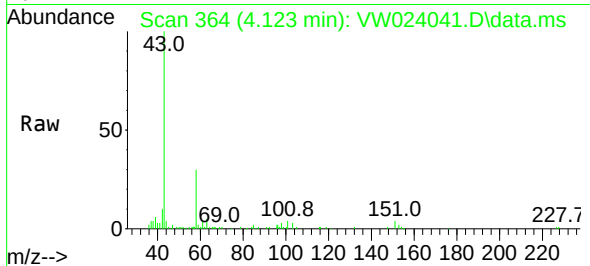




#13
Acetone
Concen: 42.801 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

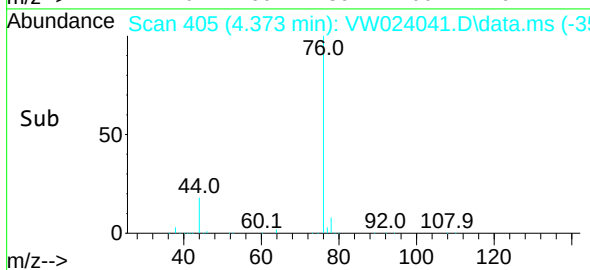
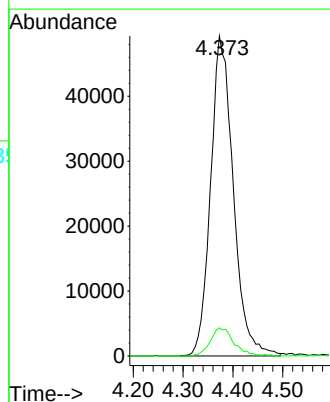
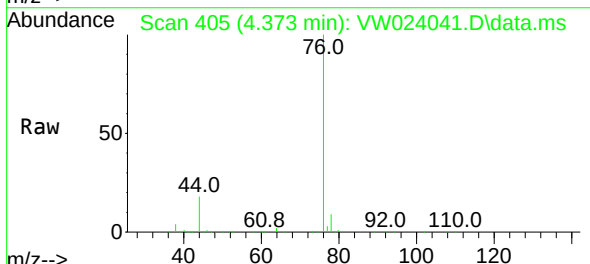
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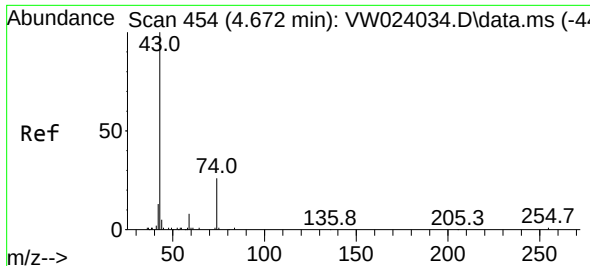
Tgt Ion: 43 Resp: 33140
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.2



#14
Carbon disulfide
Concen: 18.084 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 155884
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

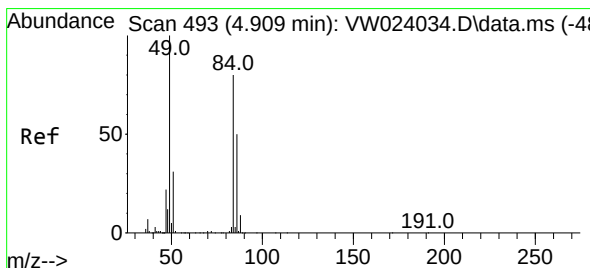
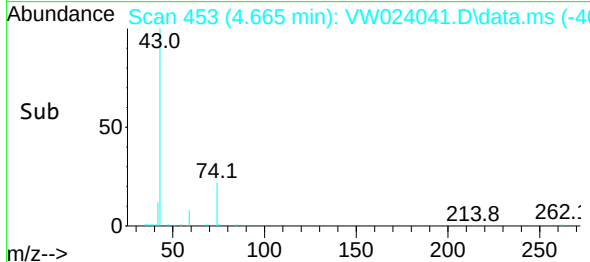
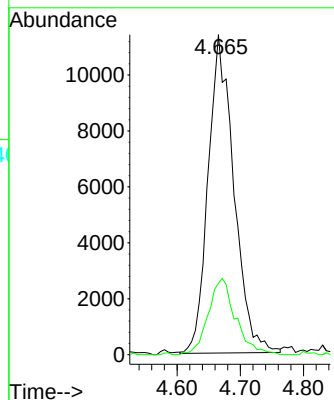
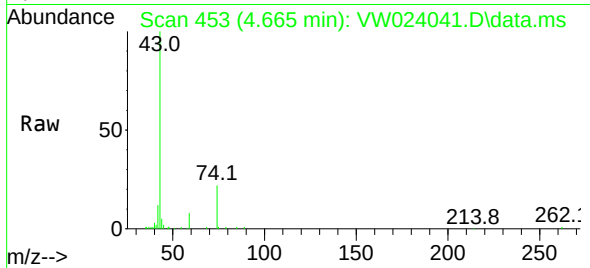




#15
Methyl Acetate
Concen: 18.573 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

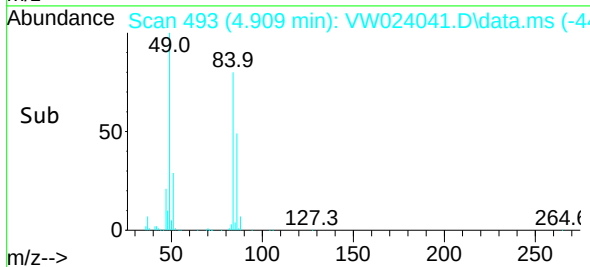
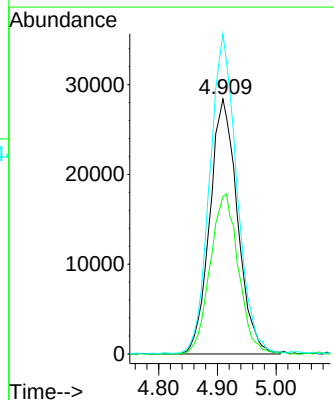
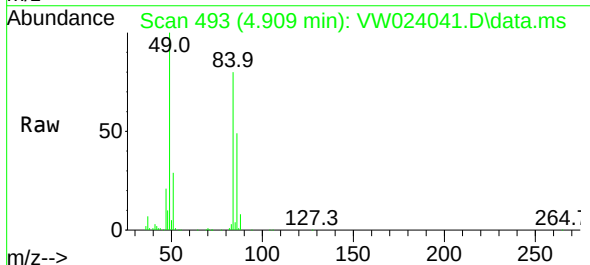
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

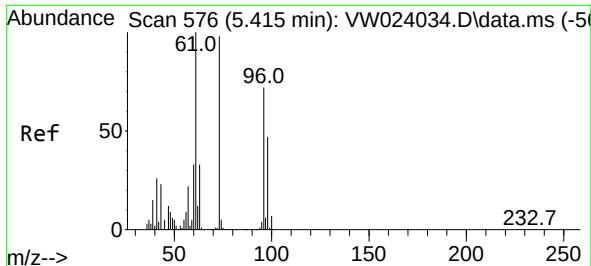
Tgt Ion: 43 Resp: 32186
Ion Ratio Lower Upper
43 100
74 25.5 20.0 30.0



#16
Methylene chloride
Concen: 21.504 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 84 Resp: 92955
Ion Ratio Lower Upper
84 100
86 61.7 42.8 79.6
49 125.5 85.4 158.6

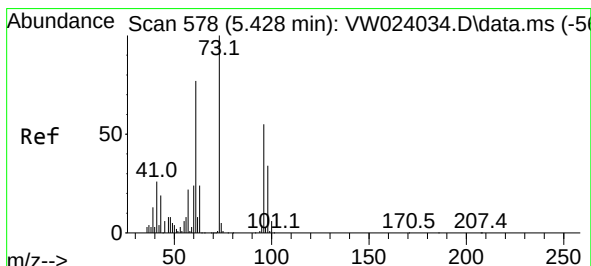
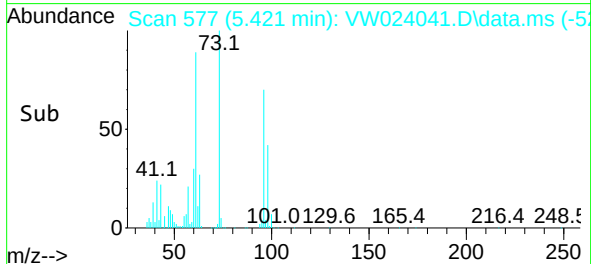
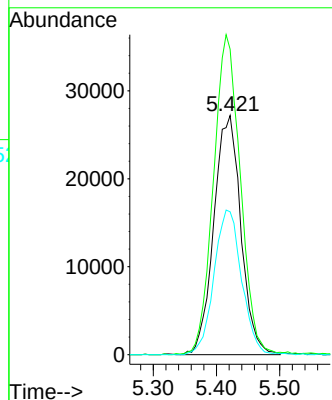
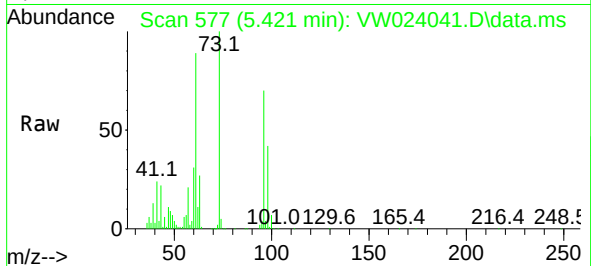




#17
trans-1,2-Dichloroethene
Concen: 22.720 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

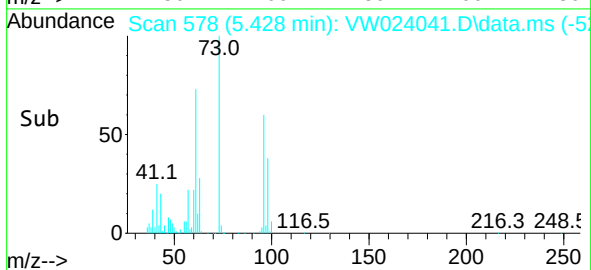
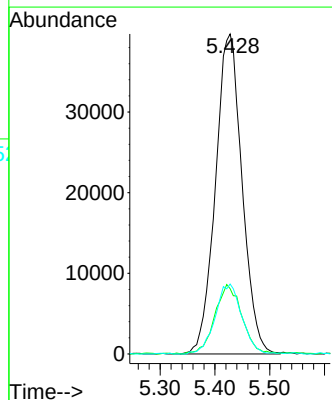
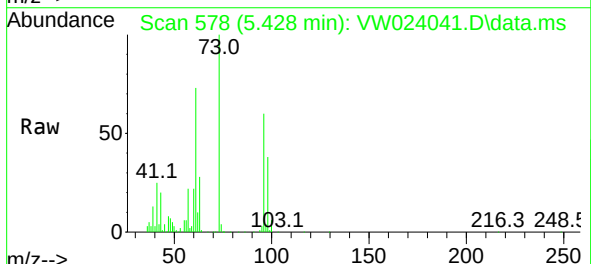
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

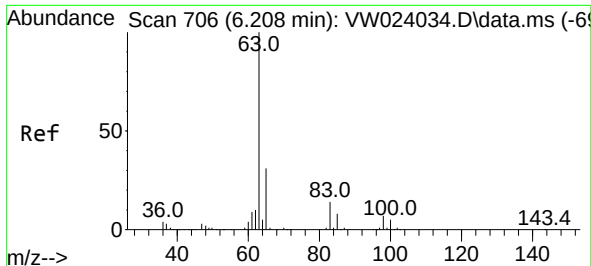
Tgt Ion: 96 Resp: 80778
Ion Ratio Lower Upper
96 100
61 127.7 90.8 168.6
98 59.8 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.350 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 73 Resp: 133938
Ion Ratio Lower Upper
73 100
43 22.0 17.6 26.4
57 21.7 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.531 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

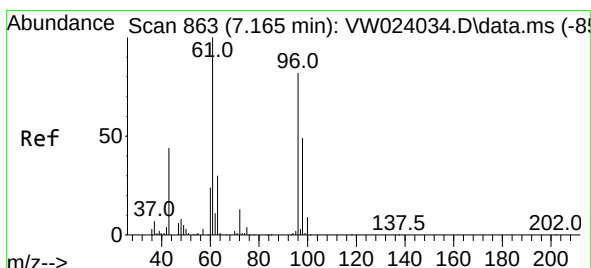
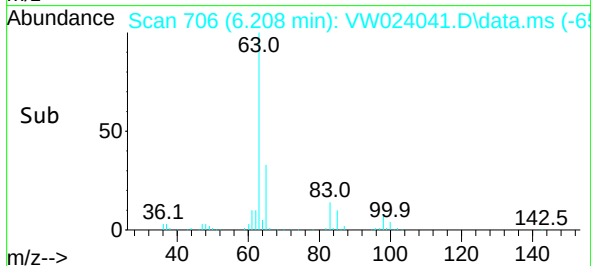
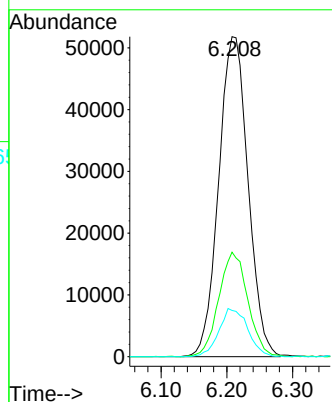
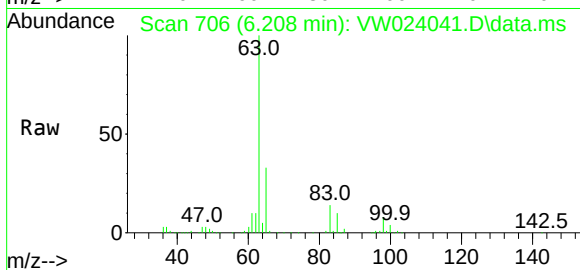
Tgt Ion: 63 Resp: 160882

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.1

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 24.368 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

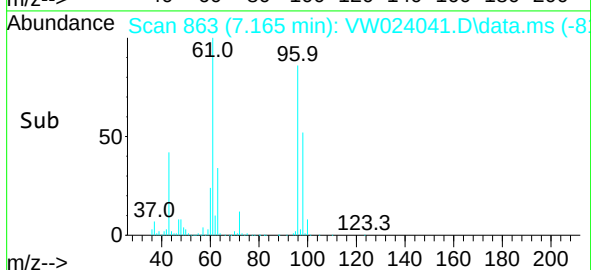
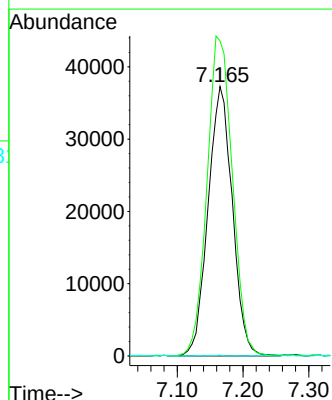
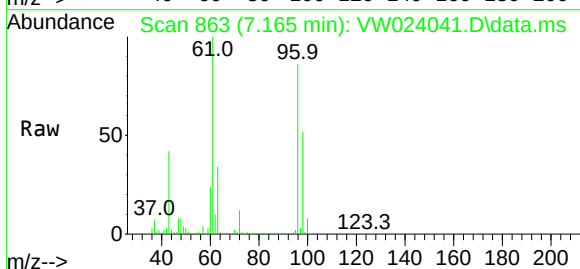
Tgt Ion: 96 Resp: 95982

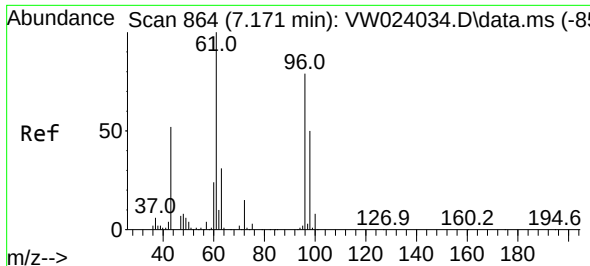
Ion Ratio Lower Upper

96 100

61 116.9 90.6 168.2

68 0.3 0.2 0.4

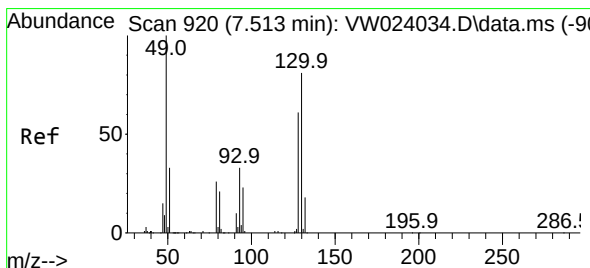
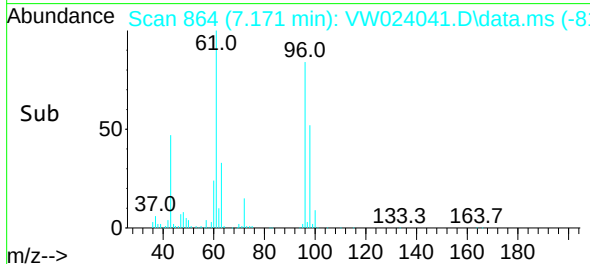
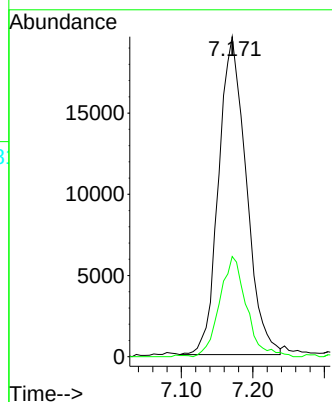
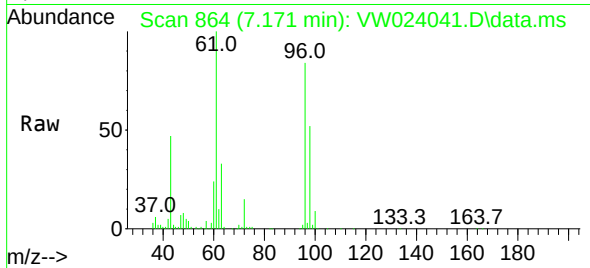




#22
2-Butanone
Concen: 41.265 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

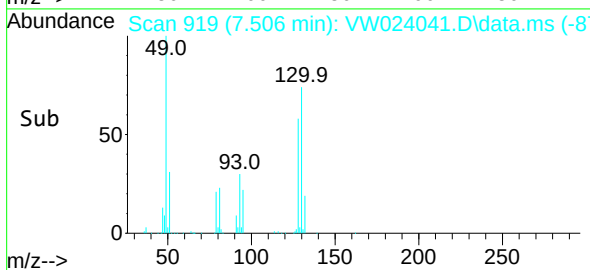
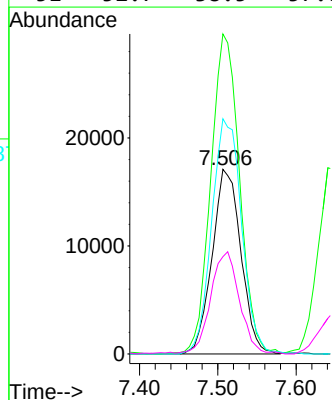
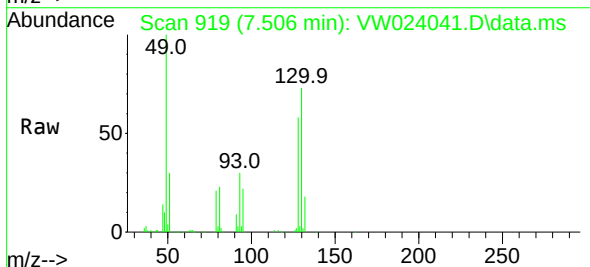
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

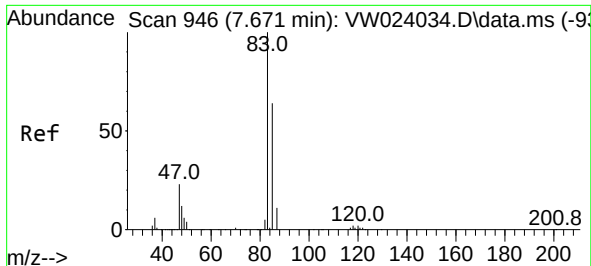
Tgt Ion: 43 Resp: 52508
Ion Ratio Lower Upper
43 100
72 30.5 14.7 44.1



#23
Bromochloromethane
Concen: 23.078 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 128 Resp: 43668
Ion Ratio Lower Upper
128 100
49 173.4 106.0 196.8
130 127.4 83.2 154.4
51 52.7 38.5 57.7

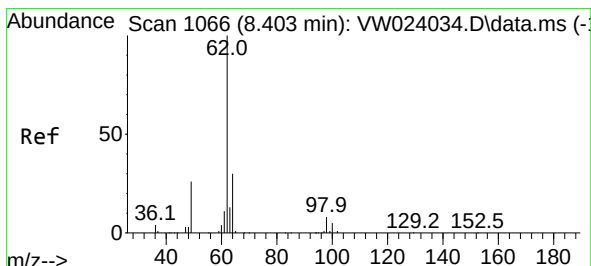
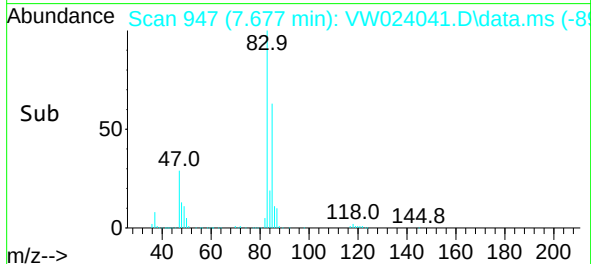
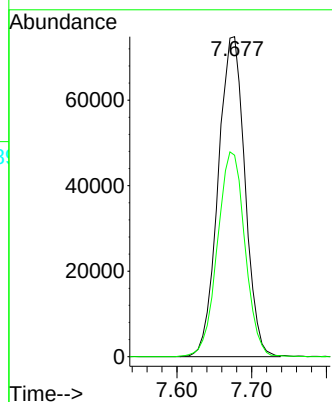
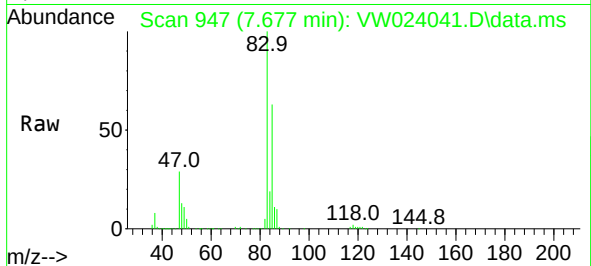




#25
Chloroform
Concen: 24.681 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

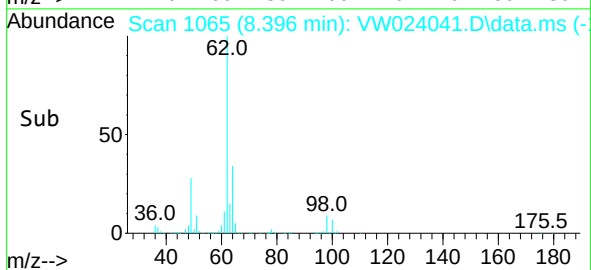
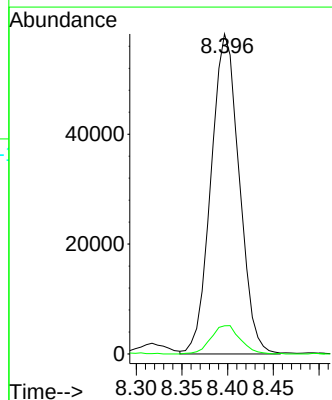
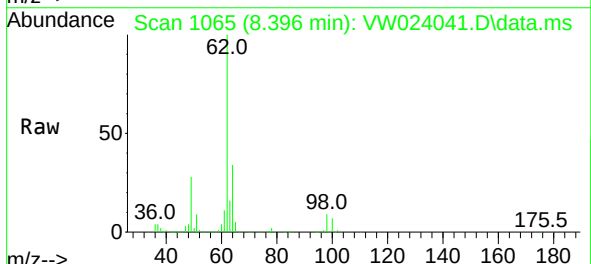
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

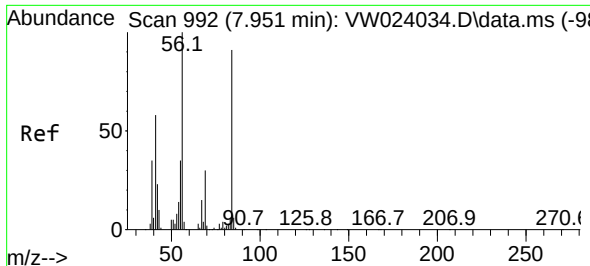
Tgt Ion: 83 Resp: 186477
Ion Ratio Lower Upper
83 100
85 63.0 41.9 77.9



#27
1,2-Dichloroethane
Concen: 22.526 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 62 Resp: 125259
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 22.373 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

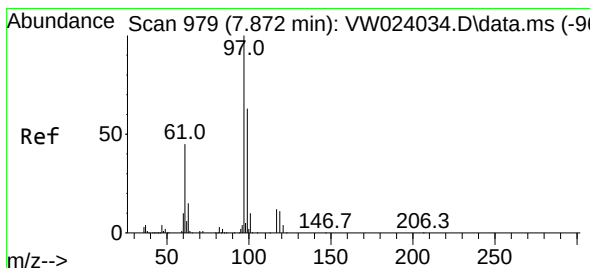
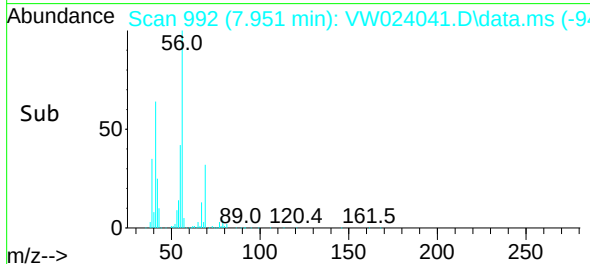
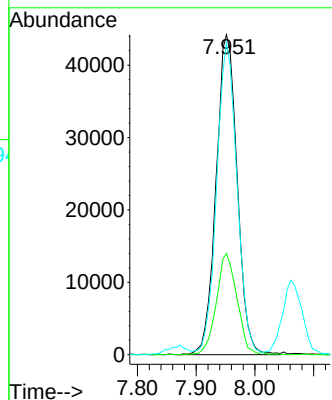
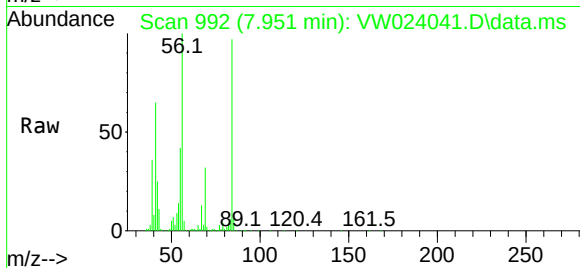
Tgt Ion: 56 Resp: 110521

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.0

84 93.8 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 25.610 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

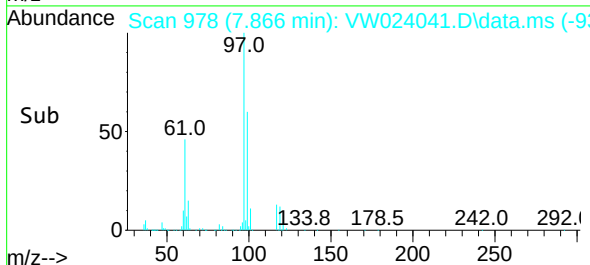
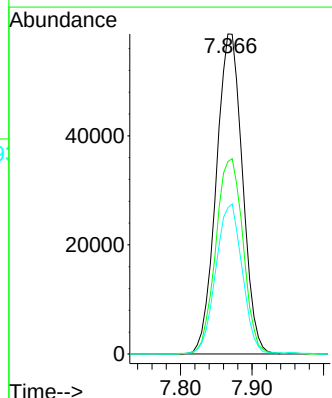
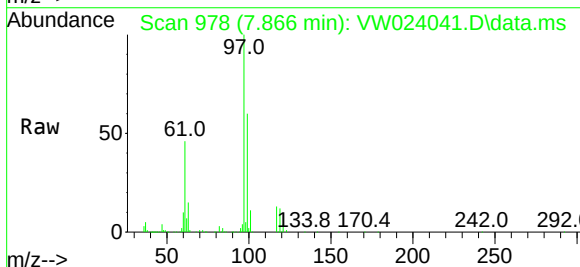
Tgt Ion: 97 Resp: 149772

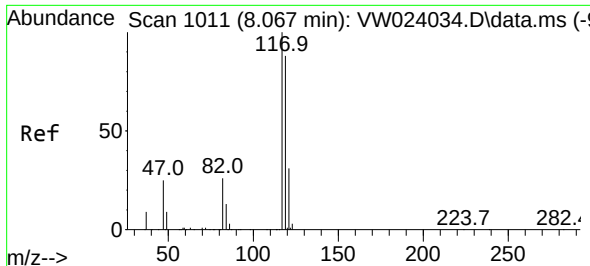
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

61 46.8 37.5 56.3

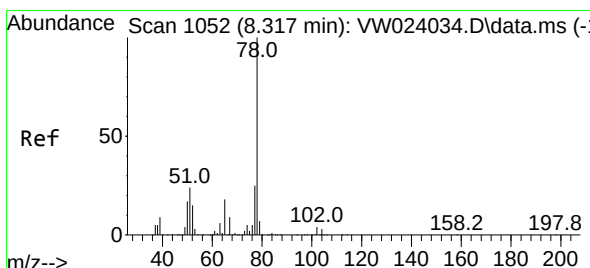
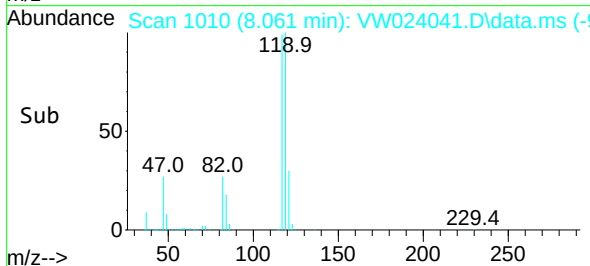
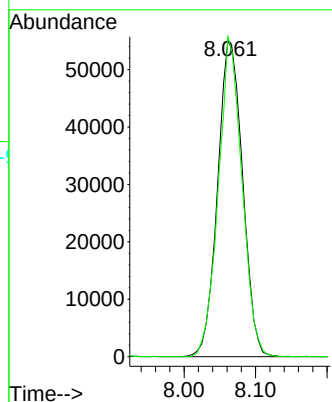
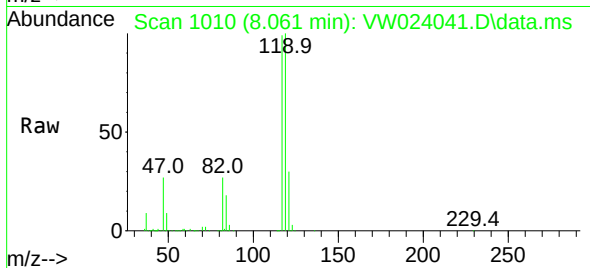




#31
Carbon tetrachloride
Concen: 25.326 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

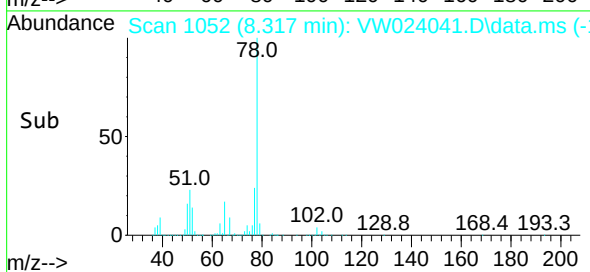
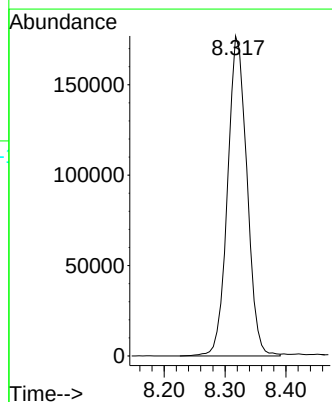
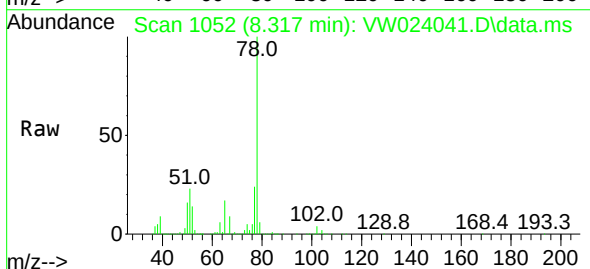
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

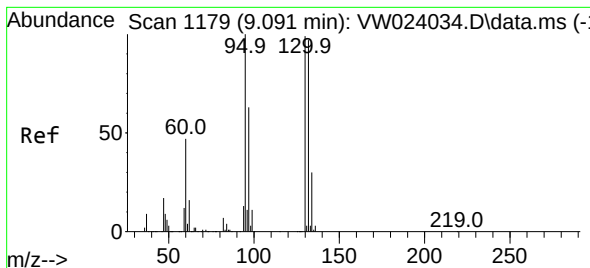
Tgt Ion:117 Resp: 133511
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 25.466 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 78 Resp: 390864





#34

Trichloroethene

Concen: 24.403 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

Tgt Ion: 95 Resp: 98907

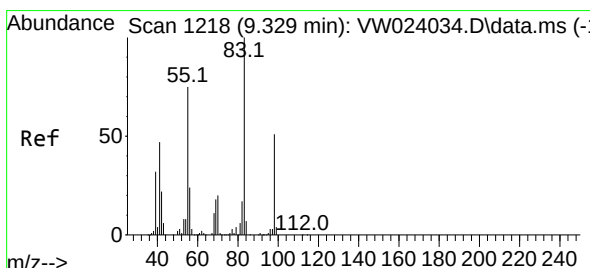
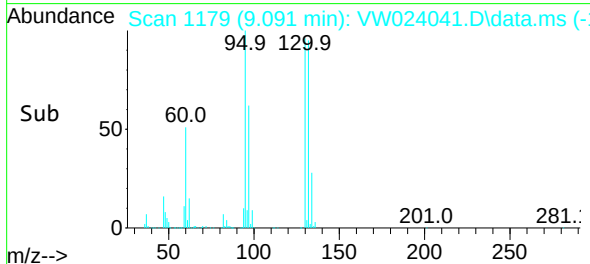
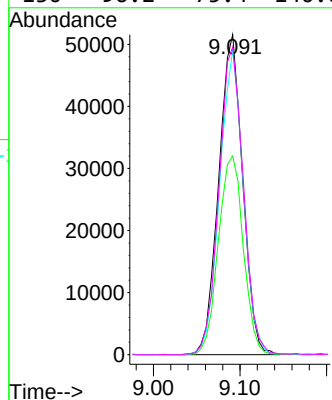
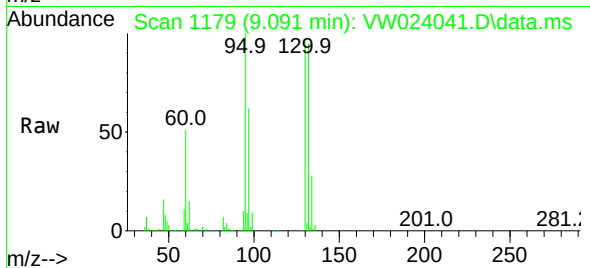
Ion Ratio Lower Upper

95 100

97 62.1 45.6 84.8

132 95.2 69.9 129.7

130 96.2 75.4 140.0



#35

Methylcyclohexane

Concen: 20.885 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

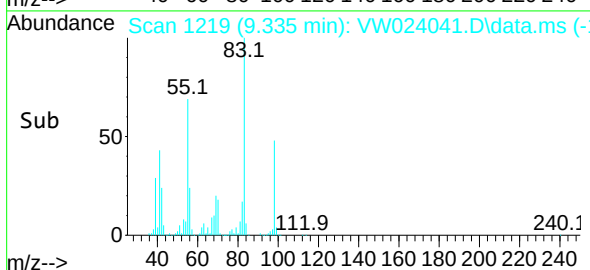
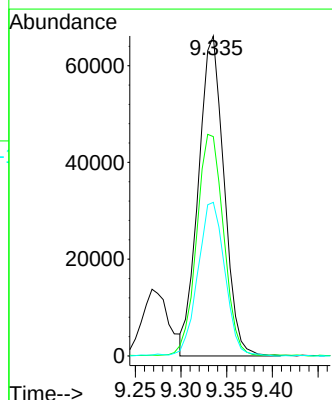
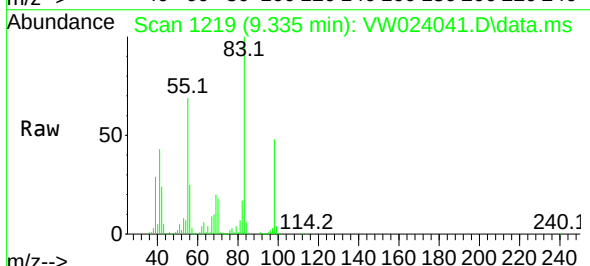
Tgt Ion: 83 Resp: 128898

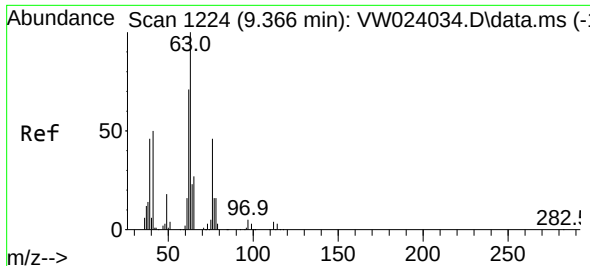
Ion Ratio Lower Upper

83 100

55 72.3 60.8 91.2

98 50.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 26.686 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

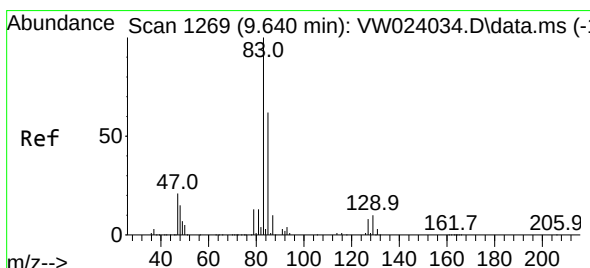
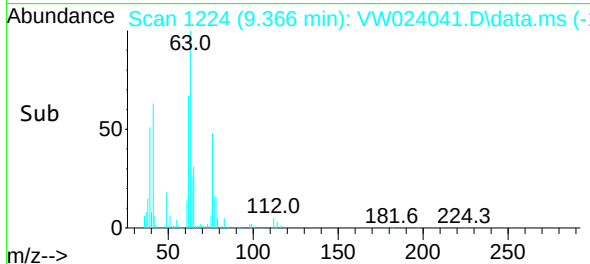
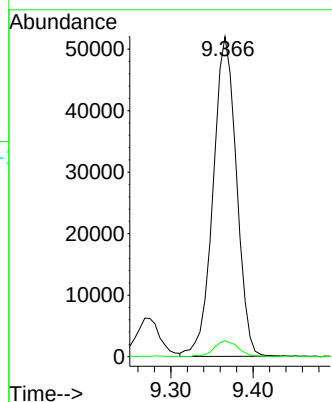
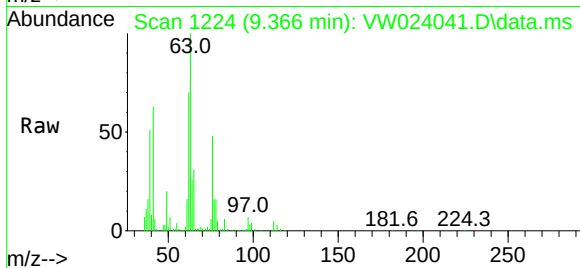
DBUK4MSD

Tgt Ion: 63 Resp: 102688

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 27.114 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

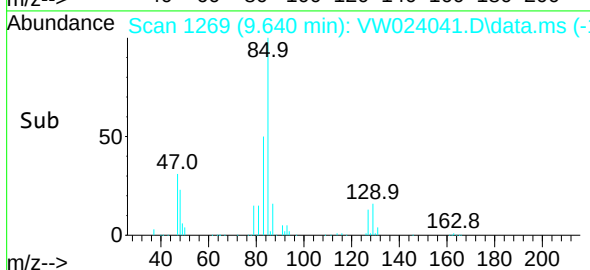
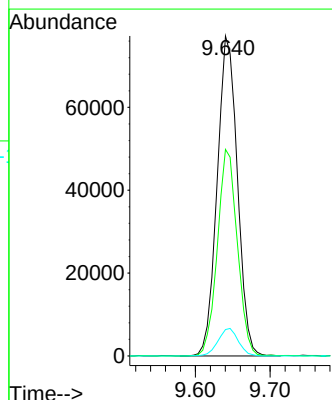
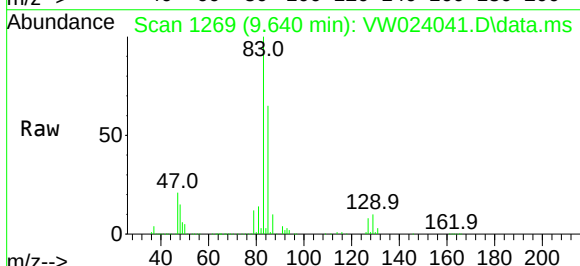
Tgt Ion: 83 Resp: 145614

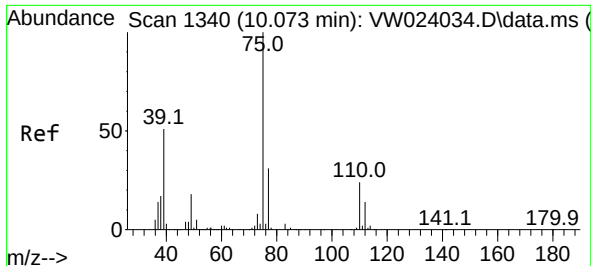
Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5

127 8.2 6.0 9.0

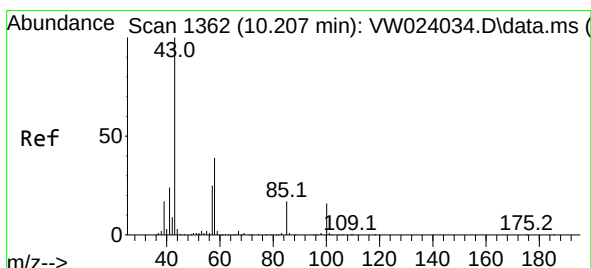
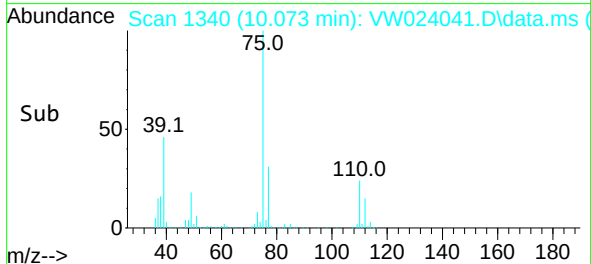
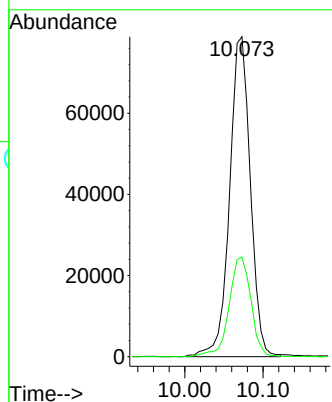
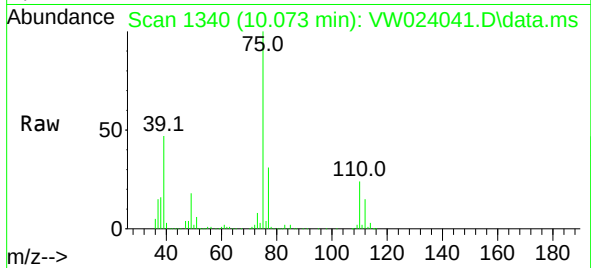




#39
 cis-1,3-Dichloropropene
 Concen: 25.013 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

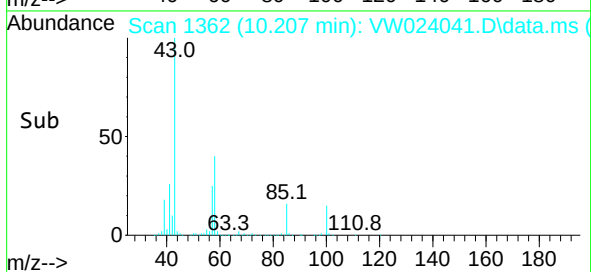
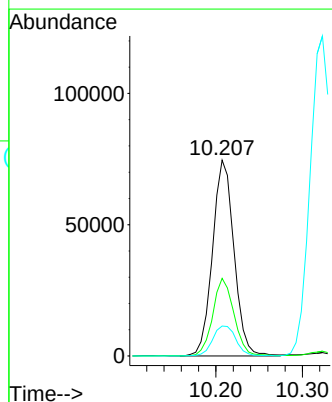
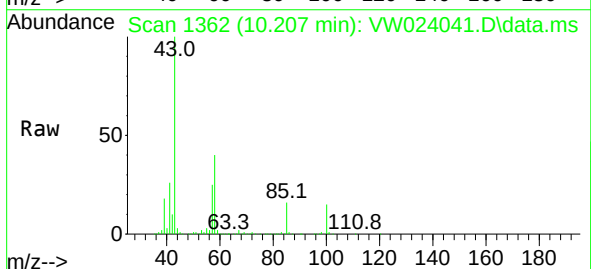
Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MSD

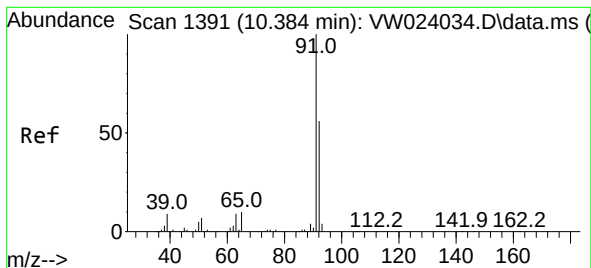
Tgt Ion: 75 Resp: 145072
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 48.120 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024041.D
 Acq: 23 Jul 2022 09:03

Tgt Ion: 43 Resp: 128850
 Ion Ratio Lower Upper
 43 100
 58 39.1 29.8 44.8
 100 16.5 13.0 19.4





#42

Toluene

Concen: 25.901 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

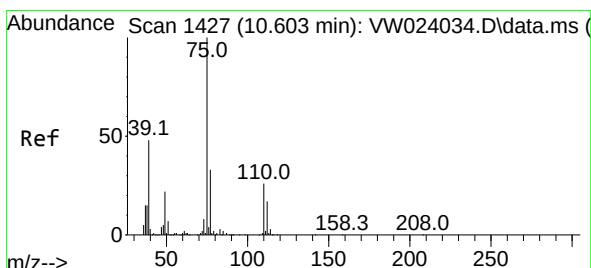
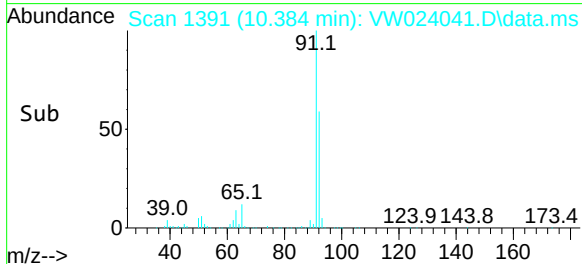
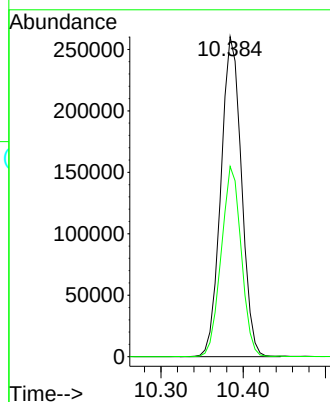
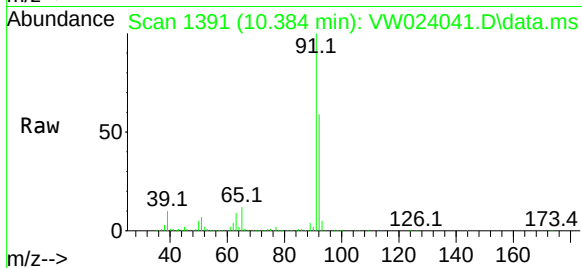
DBUK4MSD

Tgt Ion: 91 Resp: 453370

Ion Ratio Lower Upper

91 100

92 59.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 24.844 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024041.D

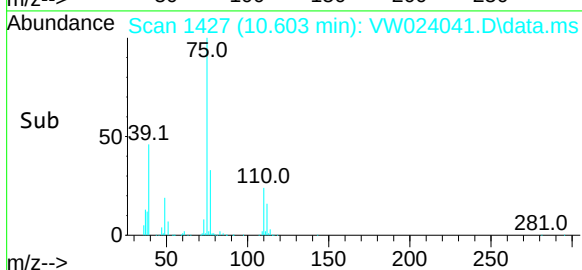
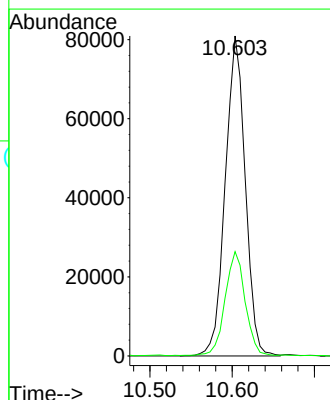
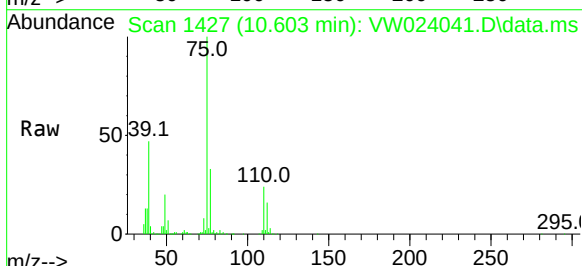
Acq: 23 Jul 2022 09:03

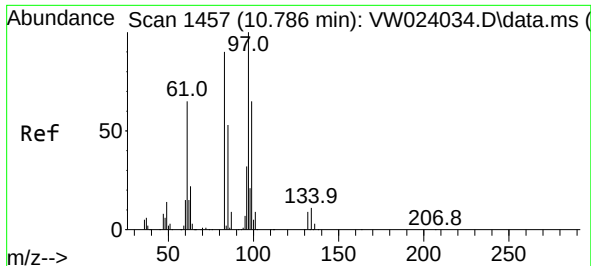
Tgt Ion: 75 Resp: 136955

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0

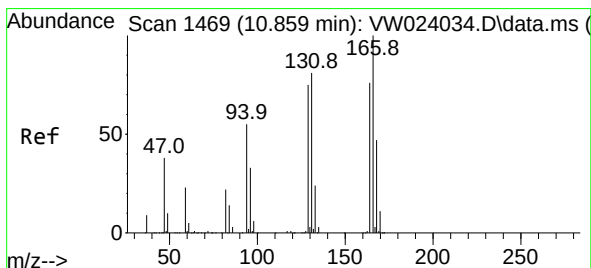
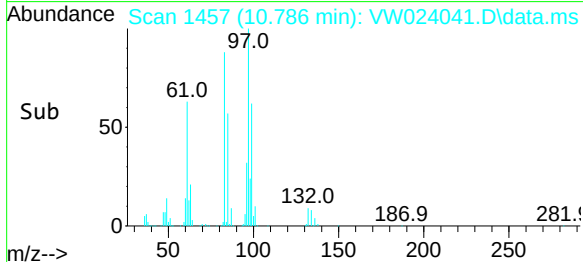
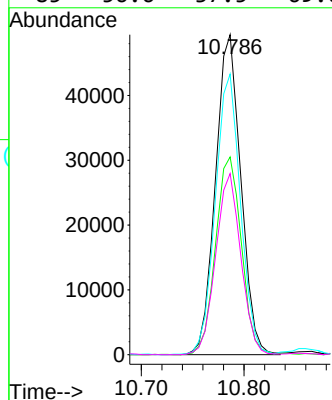
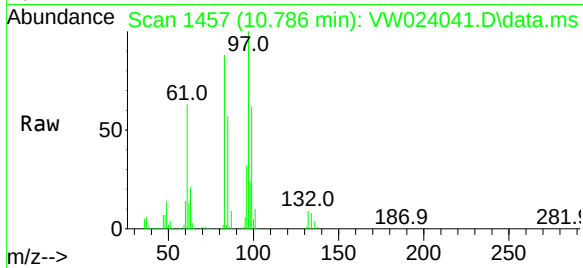




#45
1,1,2-Trichloroethane
Concen: 25.168 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

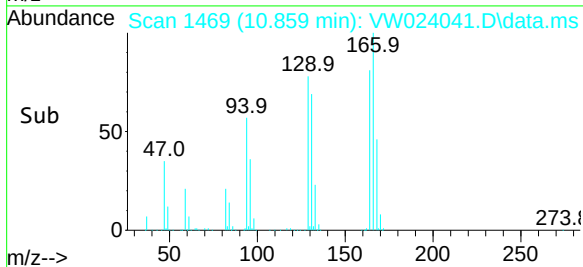
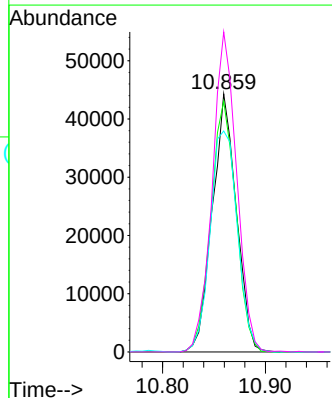
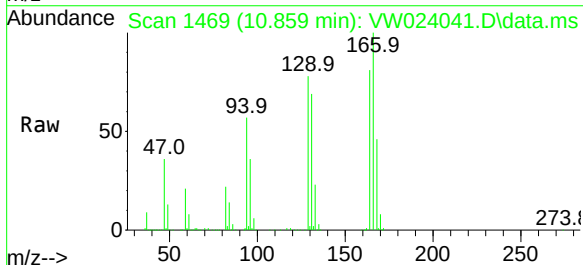
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

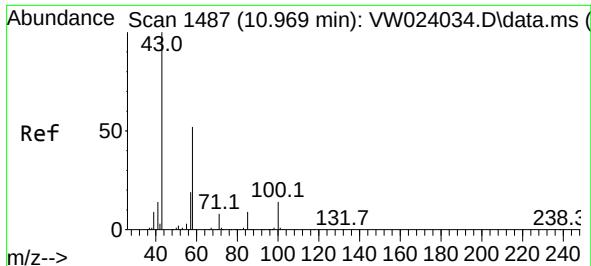
Tgt Ion: 97	Resp: 84680
Ion Ratio	Lower Upper
97 100	
99 61.8	44.2 82.2
83 87.7	59.8 111.0
85 56.6	37.5 69.6



#46
Tetrachloroethene
Concen: 22.954 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt	Ion:164	Resp:	71938
Ion	Ratio	Lower	Upper
164	100		
129	97.1	72.4	134.5
131	85.6	67.8	125.8
166	124.0	88.9	165.1

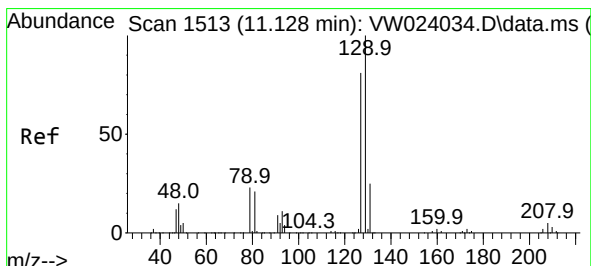
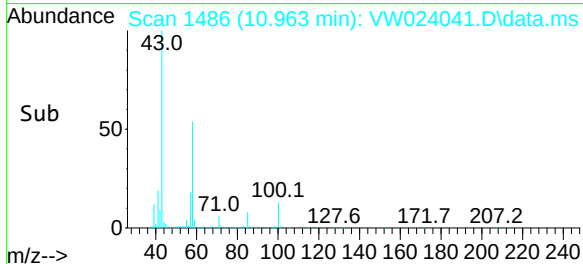
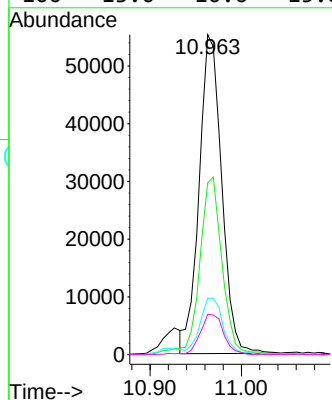
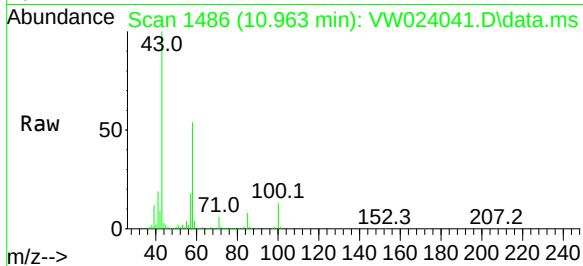




#48
2-Hexanone
Concen: 48.541 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

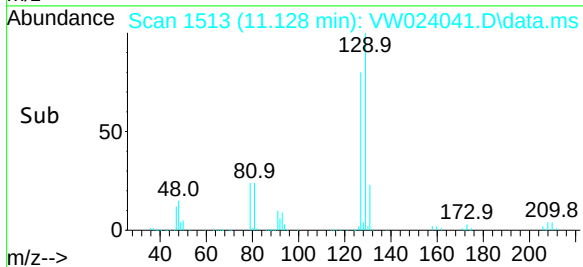
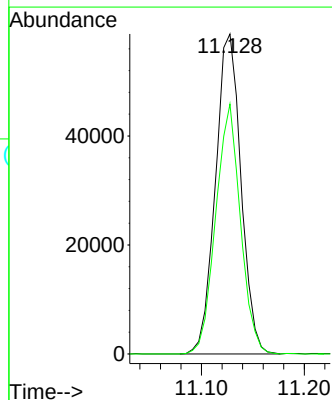
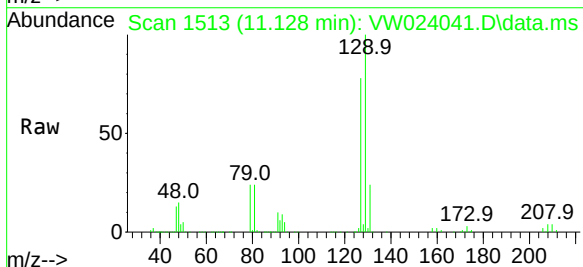
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

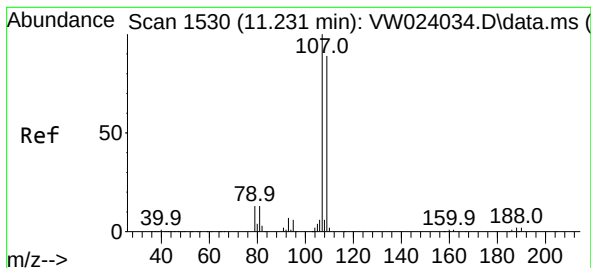
Tgt Ion:	43	Resp:	94633
Ion	Ratio	Lower	Upper
43	100		
58	53.0	41.6	62.4
57	18.3	14.6	21.8
100	13.0	10.6	15.8



#49
Dibromochloromethane
Concen: 25.962 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion:	129	Resp:	101300
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.7	99.7

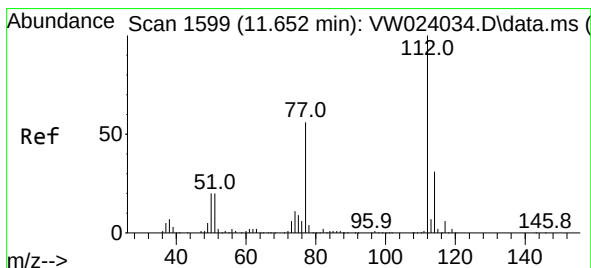
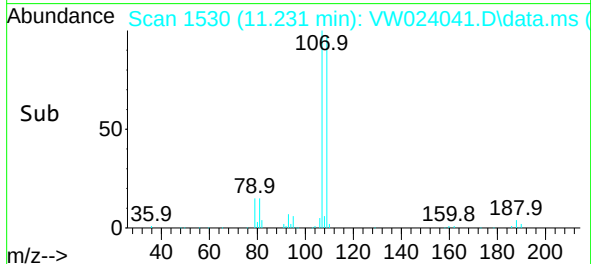
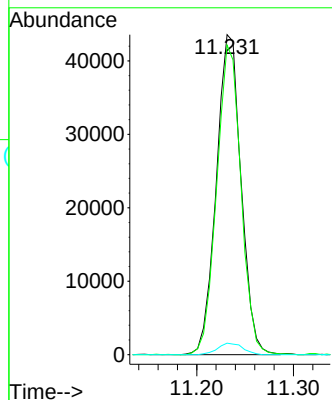
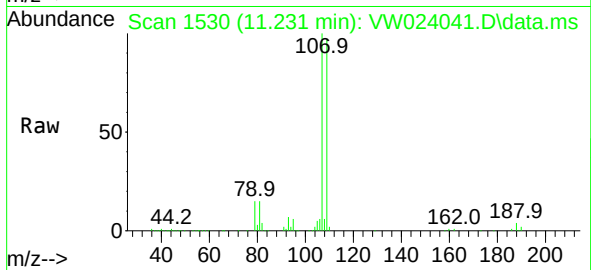




#50
1,2-Dibromoethane
Concen: 23.960 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

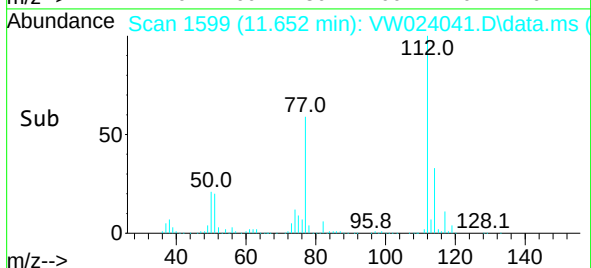
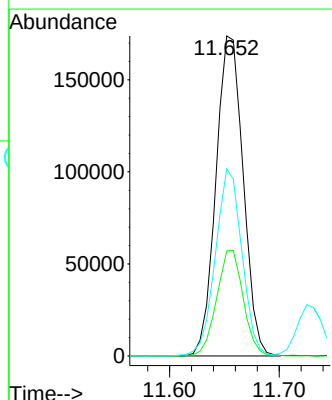
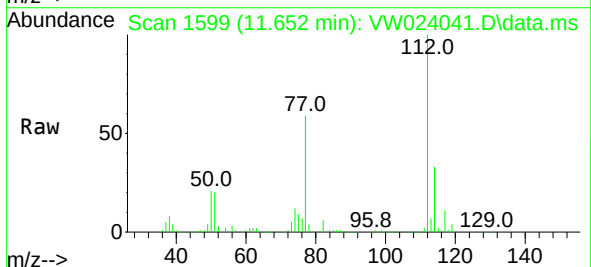
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

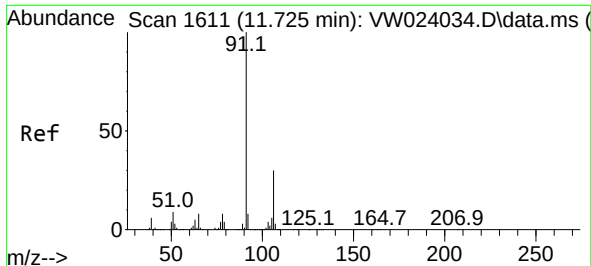
Tgt Ion:107 Resp: 77452
Ion Ratio Lower Upper
107 100
109 96.7 62.4 116.0
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 25.457 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion:112 Resp: 300529
Ion Ratio Lower Upper
112 100
114 32.9 21.1 39.3
77 58.5 46.6 69.8

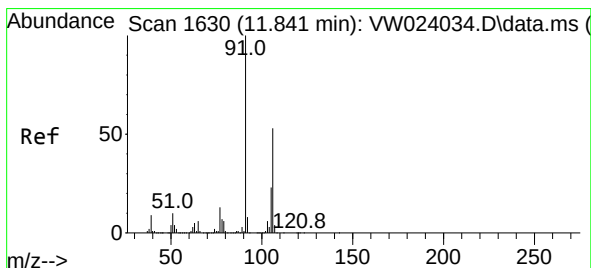
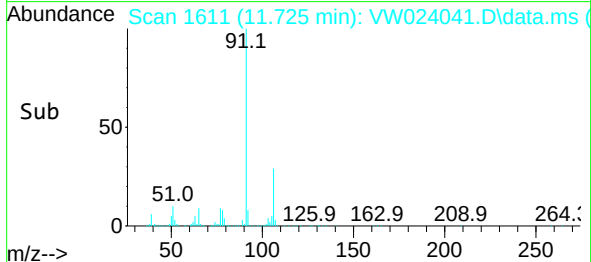
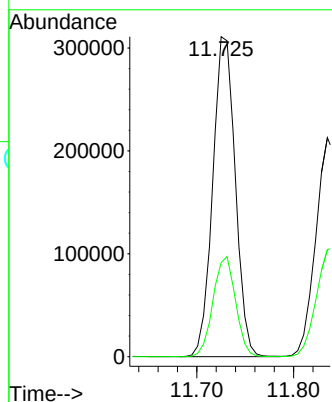
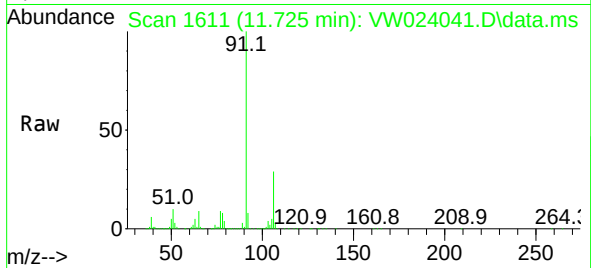




#52
Ethylbenzene
Concen: 25.343 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

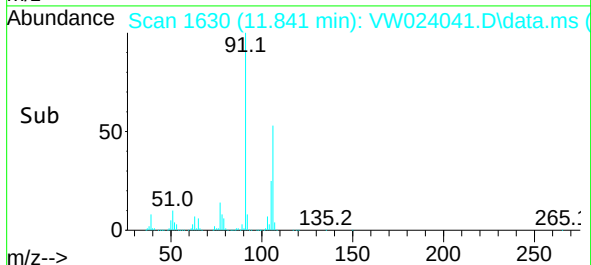
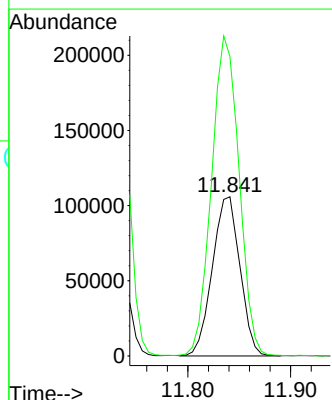
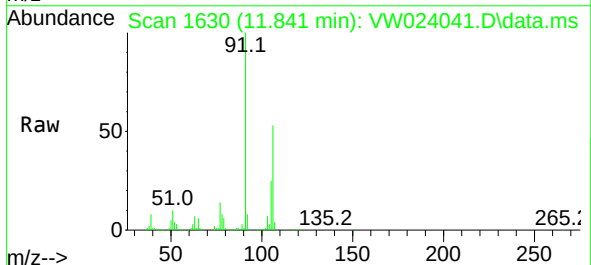
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

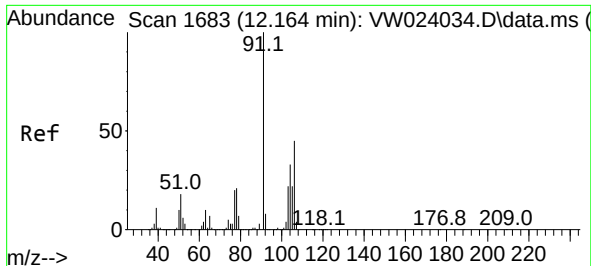
Tgt Ion: 91 Resp: 504095
Ion Ratio Lower Upper
91 100
106 29.4 22.5 41.9



#53
m,p-Xylene
Concen: 25.458 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 106 Resp: 197572
Ion Ratio Lower Upper
106 100
91 187.9 142.8 265.2

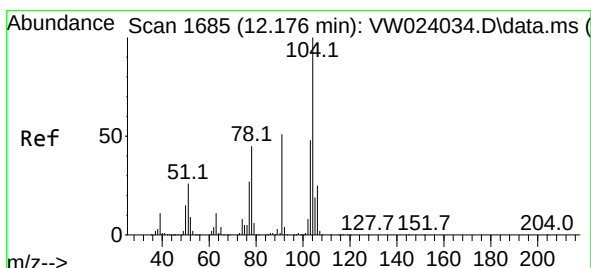
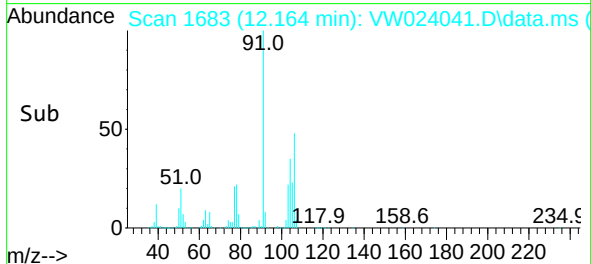
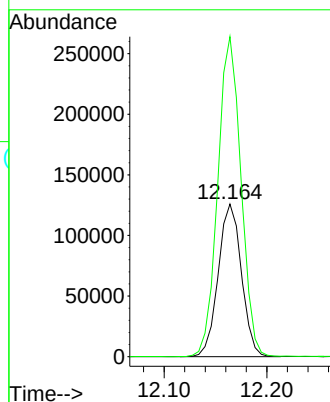
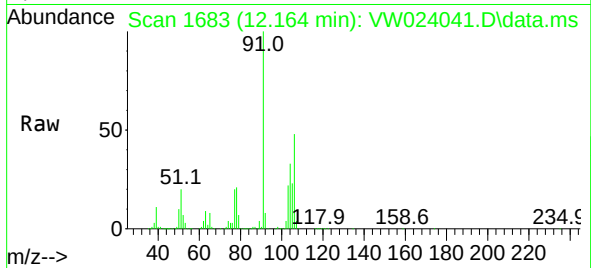




#54
o-Xylene
Concen: 26.446 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

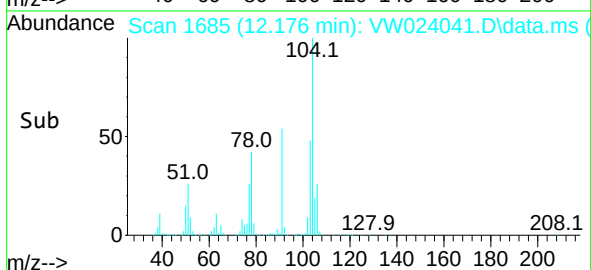
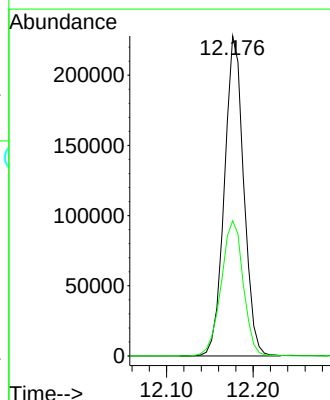
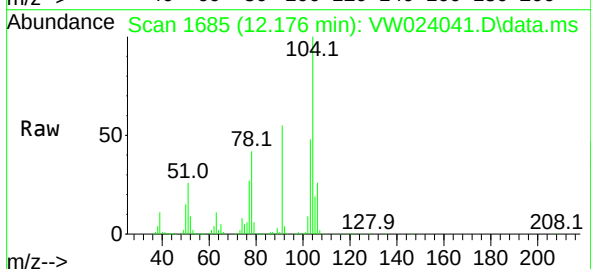
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

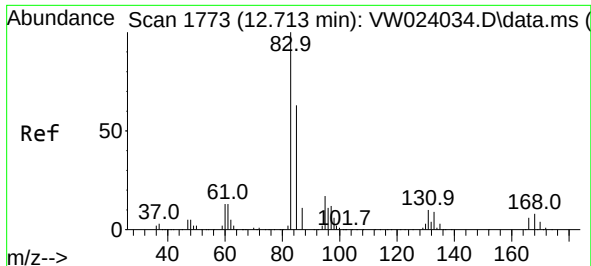
Tgt Ion:106 Resp: 197106
Ion Ratio Lower Upper
106 100
91 209.6 149.6 277.8



#55
Styrene
Concen: 26.839 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion:104 Resp: 353389
Ion Ratio Lower Upper
104 100
78 42.3 34.3 63.7

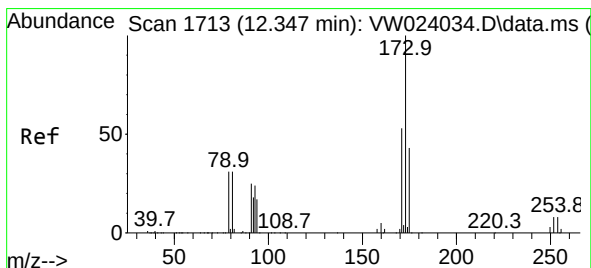
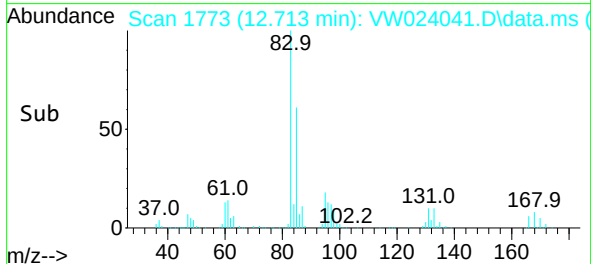
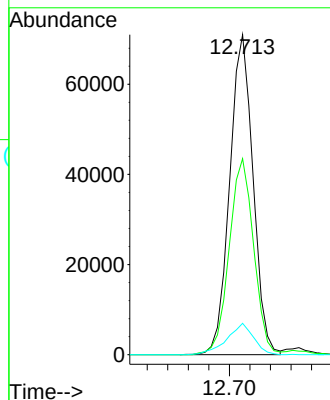
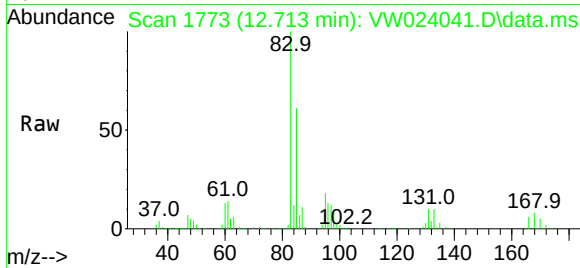




#57
1,1,2,2-Tetrachloroethane
Concen: 24.473 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

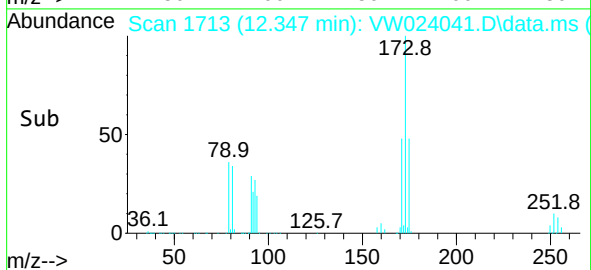
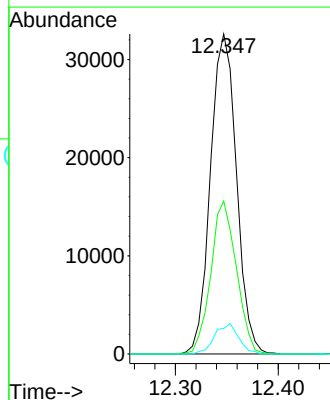
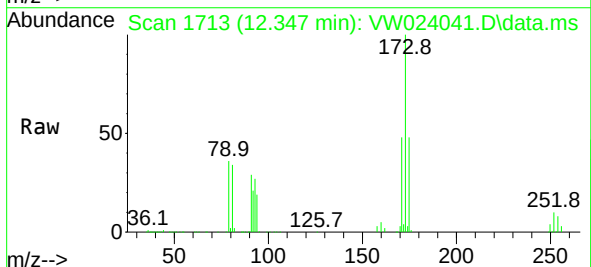
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

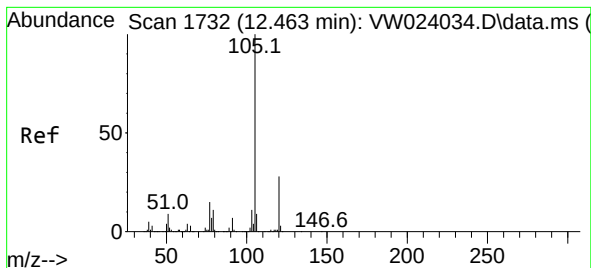
Tgt Ion: 83 Resp: 112315
Ion Ratio Lower Upper
83 100
85 61.2 46.5 86.3
131 9.8 7.4 11.0



#59
Bromoform
Concen: 26.311 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion: 173 Resp: 57305
Ion Ratio Lower Upper
173 100
175 47.0 38.9 58.3
254 8.7 5.9 8.9





#60

Isopropylbenzene

Concen: 25.972 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

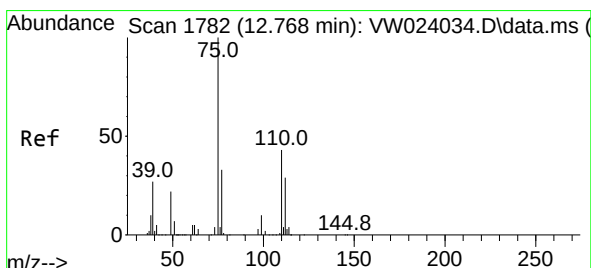
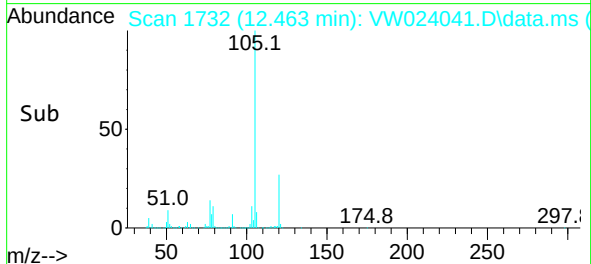
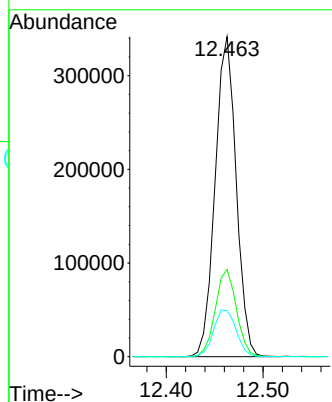
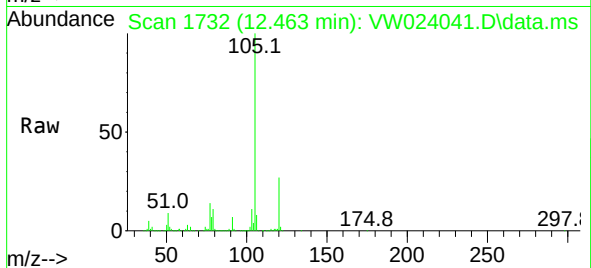
Tgt Ion:105 Resp: 515322

Ion Ratio Lower Upper

105 100

120 27.3 20.7 31.1

77 15.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 23.823 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

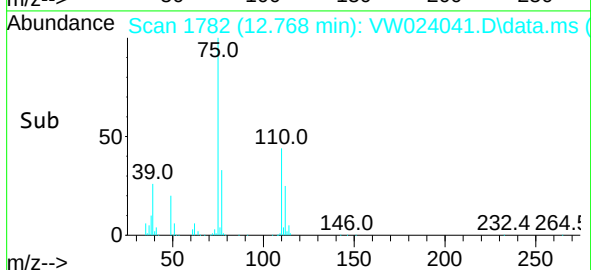
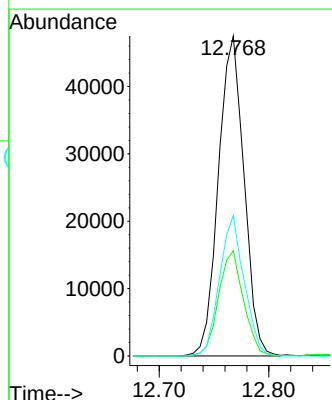
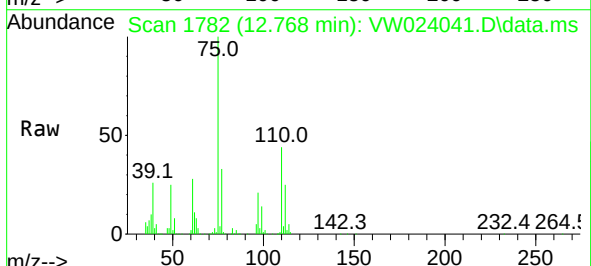
Tgt Ion: 75 Resp: 77157

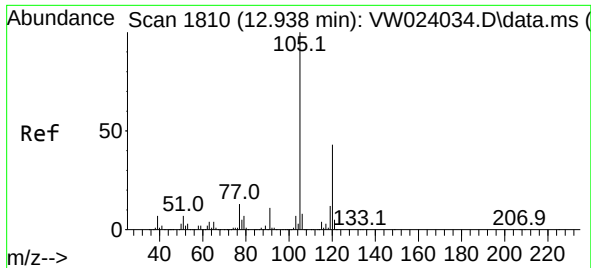
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

110 42.0 31.9 47.9

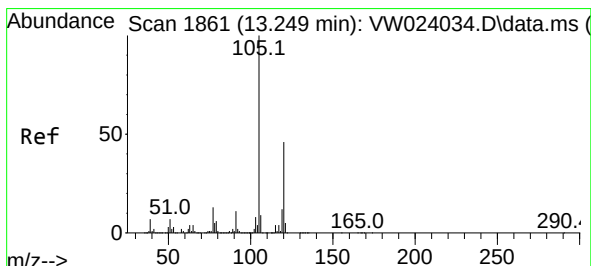
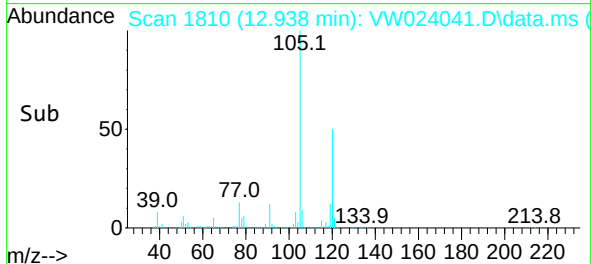
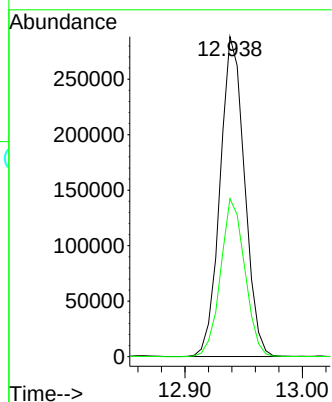
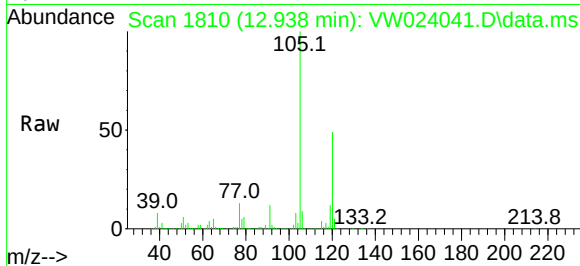




#62
1,3,5-Trimethylbenzene
Concen: 25.689 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

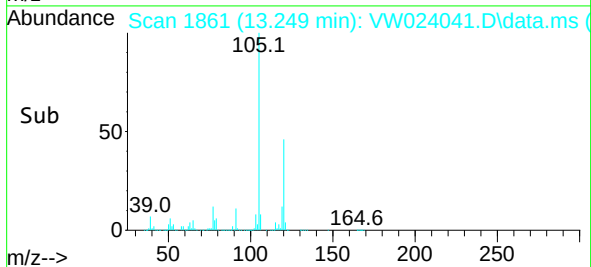
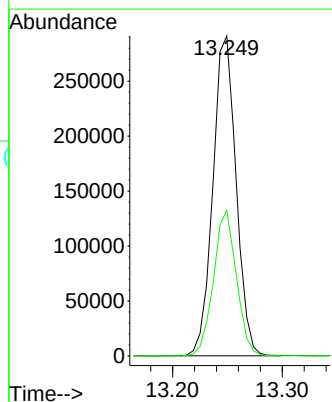
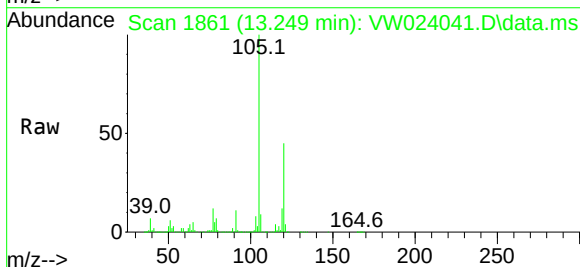
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

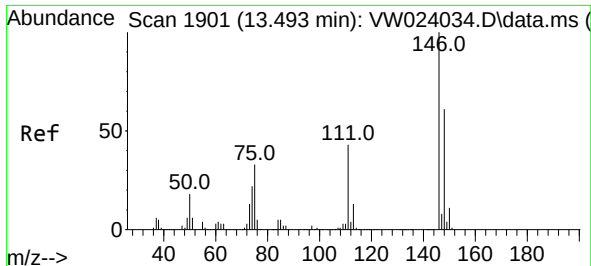
Tgt Ion:105 Resp: 417285
Ion Ratio Lower Upper
105 100
120 48.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 26.365 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion:105 Resp: 428188
Ion Ratio Lower Upper
105 100
120 44.9 35.5 53.3

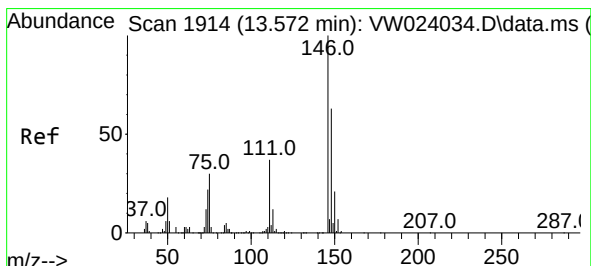
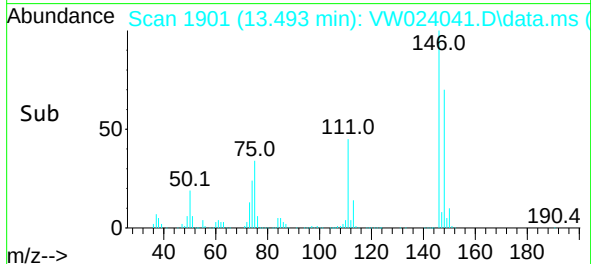
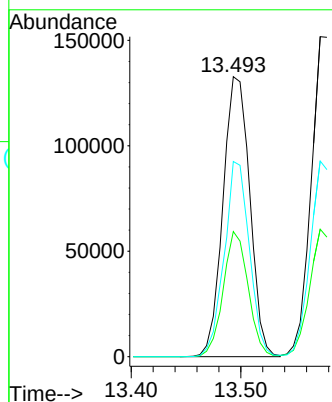
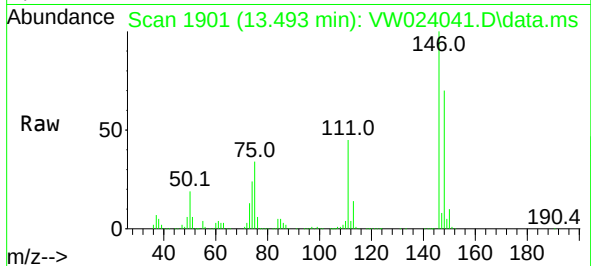




#64
1,3-Dichlorobenzene
Concen: 25.024 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

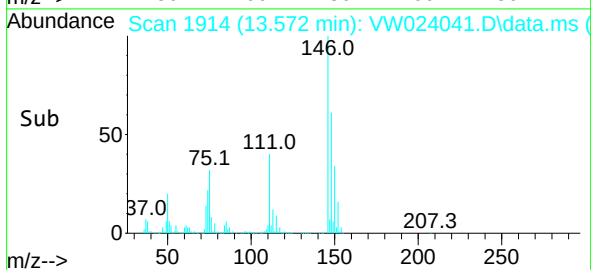
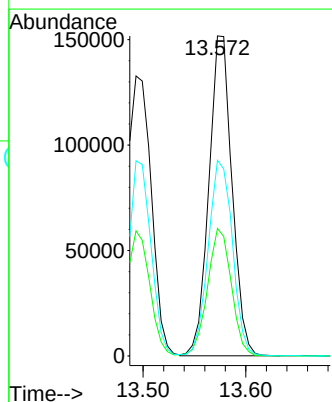
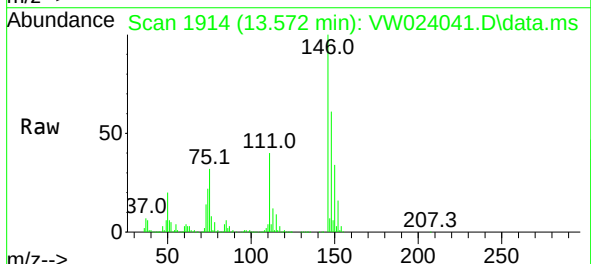
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

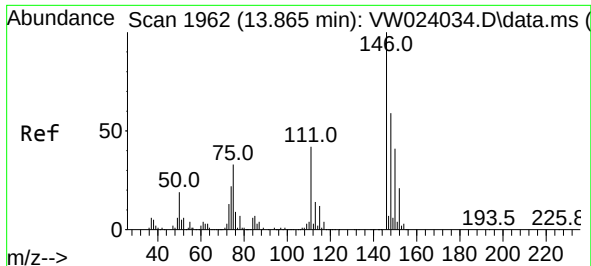
Tgt Ion:146 Resp: 225427
Ion Ratio Lower Upper
146 100
111 44.7 28.6 53.2
148 69.7 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.751 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024041.D
Acq: 23 Jul 2022 09:03

Tgt Ion:146 Resp: 237213
Ion Ratio Lower Upper
146 100
111 39.8 29.4 54.6
148 61.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.776 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

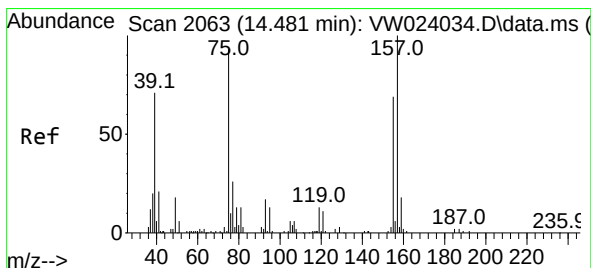
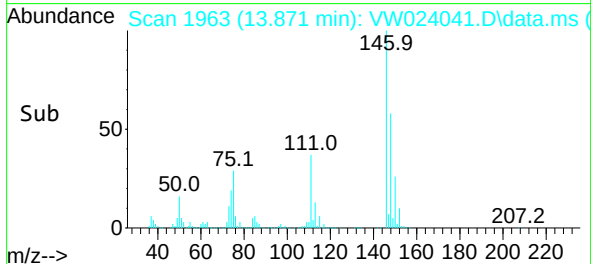
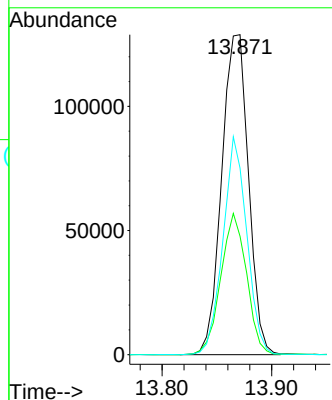
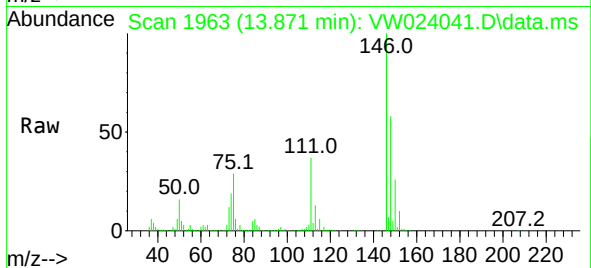
Tgt Ion:146 Resp: 218994

Ion Ratio Lower Upper

146 100

111 37.0 35.9 53.9

148 58.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.299 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

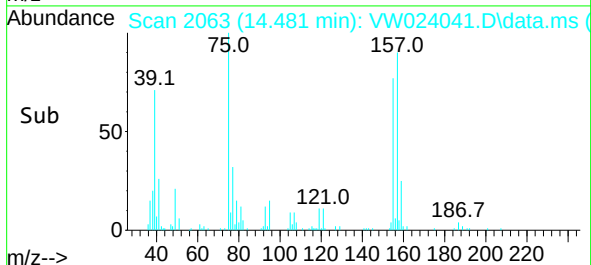
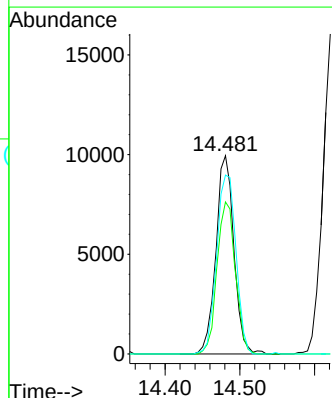
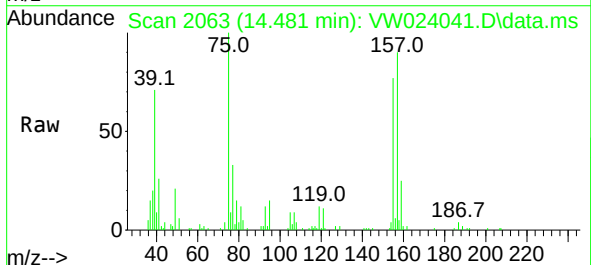
Tgt Ion: 75 Resp: 16657

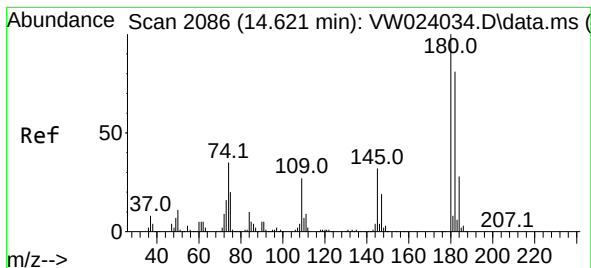
Ion Ratio Lower Upper

75 100

155 76.7 51.7 77.5

157 90.3 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 22.067 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

Tgt Ion:180 Resp: 131580

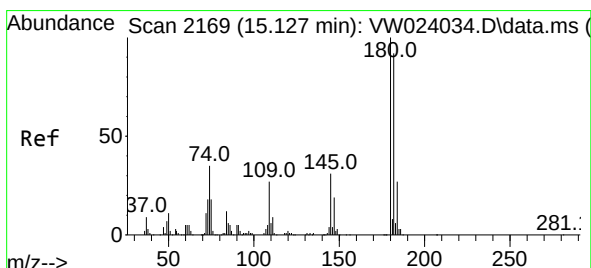
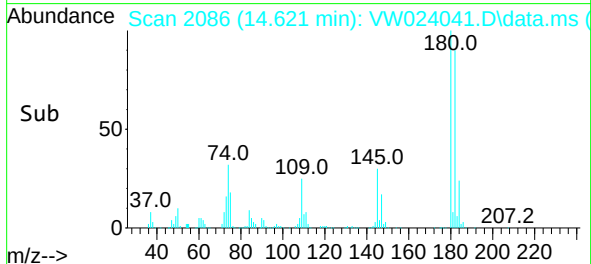
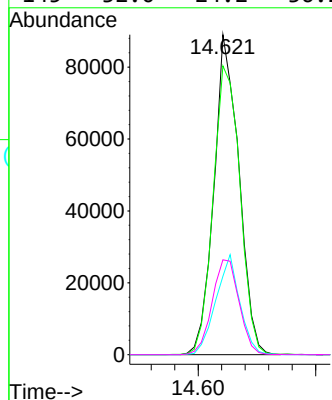
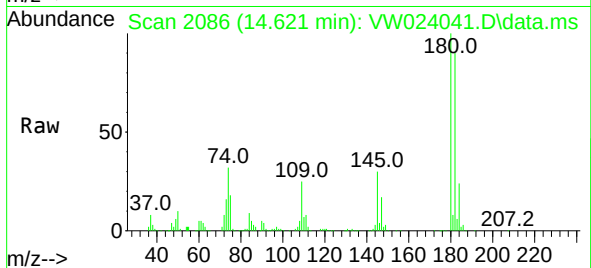
Ion Ratio Lower Upper

180 100

182 96.7 70.2 105.2

184 29.9 22.6 34.0

145 32.0 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 21.458 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

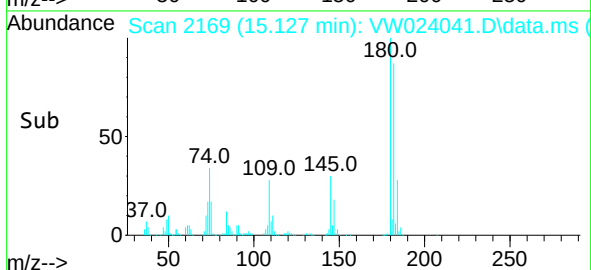
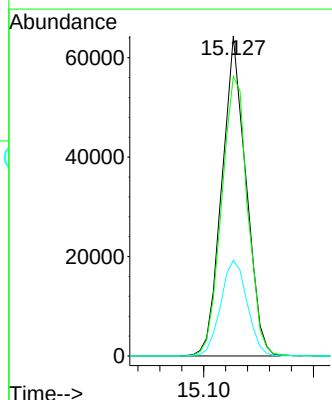
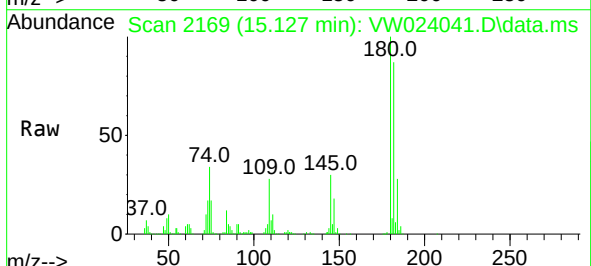
Tgt Ion:180 Resp: 98799

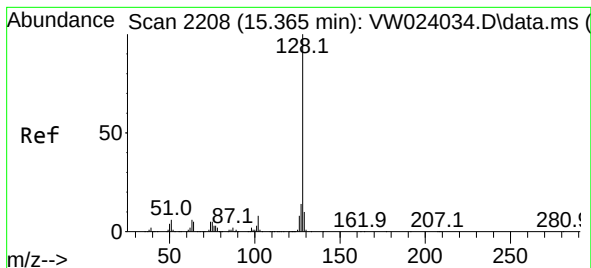
Ion Ratio Lower Upper

180 100

182 94.0 77.5 116.3

145 32.6 26.3 39.5





#71

Naphthalene

Concen: 22.594 ug/L

RT: 15.359 min Scan# 2208

Delta R.T. -0.006 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MSD

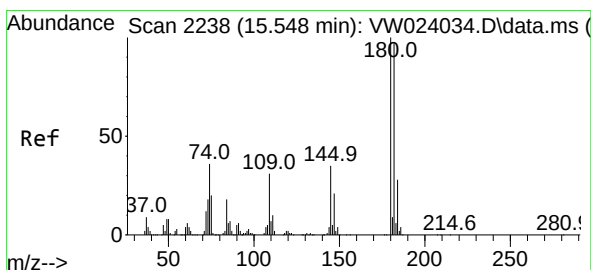
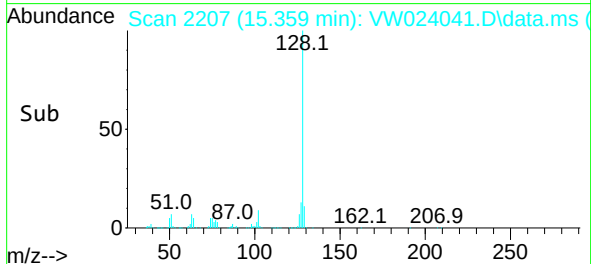
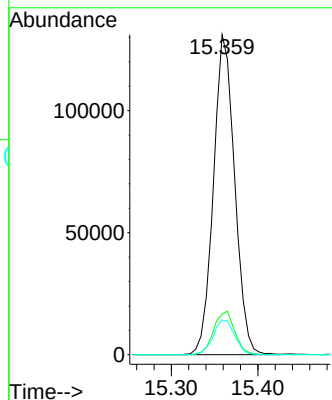
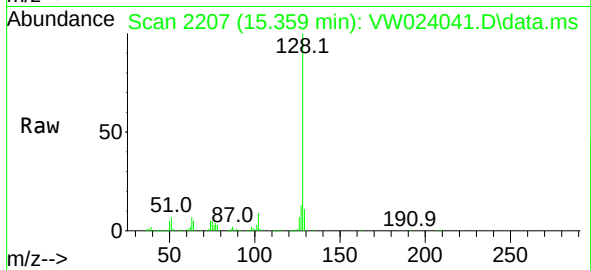
Tgt Ion:128 Resp: 223151

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 21.296 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024041.D

Acq: 23 Jul 2022 09:03

Tgt Ion:180 Resp: 91392

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 34.6 27.8 41.6

