

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024040.D
 Acq On : 23 Jul 2022 08:39
 Operator : SY/VA
 Sample : N3790-09MS
 Misc : 4.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

Quant Time: Jul 24 00:40:44 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	252486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	137758	21.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
7) Chloroethane-d5	2.873	69	93360	21.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	4.013	63	114545	21.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.240%
21) 2-Butanone-d5	7.080	46	59891	59.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.760%
24) Chloroform-d	7.647	84	187504	25.507	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.305	65	108919	24.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.275	84	332694	25.874	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.480%
36) 1,2-Dichloropropane-d6	9.275	67	104655	27.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.080%
41) Toluene-d8	10.323	98	322583	24.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	46216	25.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.921	63	53480	65.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	128995	30.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	119382	25.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	33458	19.500	ug/L	98
3) Chloromethane	2.209	50	94643	22.524	ug/L	98
5) Vinyl chloride	2.349	62	165348	22.917	ug/L	97
6) Bromomethane	2.763	94	84704	18.150	ug/L	96
8) Chloroethane	2.910	64	70952	21.019	ug/L	100
9) Trichlorofluoromethane	3.245	101	84138	25.654	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	72992	22.741	ug/L	97
12) 1,1-Dichloroethene	4.032	96	58992	22.041	ug/L	88
13) Acetone	4.123	43	35635	50.389	ug/L	98
14) Carbon disulfide	4.373	76	145087	18.428	ug/L	97
15) Methyl Acetate	4.672	43	34673	21.906	ug/L	99
16) Methylene chloride	4.909	84	85471	21.648	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	72425	22.303	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	123696	24.621	ug/L	99
19) 1,1-Dichloroethane	6.208	63	146138	24.397	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	87077	24.204	ug/L #	88
22) 2-Butanone	7.171	43	59812	51.465	ug/L	98
23) Bromochloromethane	7.507	128	41403	23.957	ug/L	96
25) Chloroform	7.677	83	170677	24.733	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024040.D
 Acq On : 23 Jul 2022 08:39
 Operator : SY/VA
 Sample : N3790-09MS
 Misc : 4.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

Quant Time: Jul 24 00:40:44 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

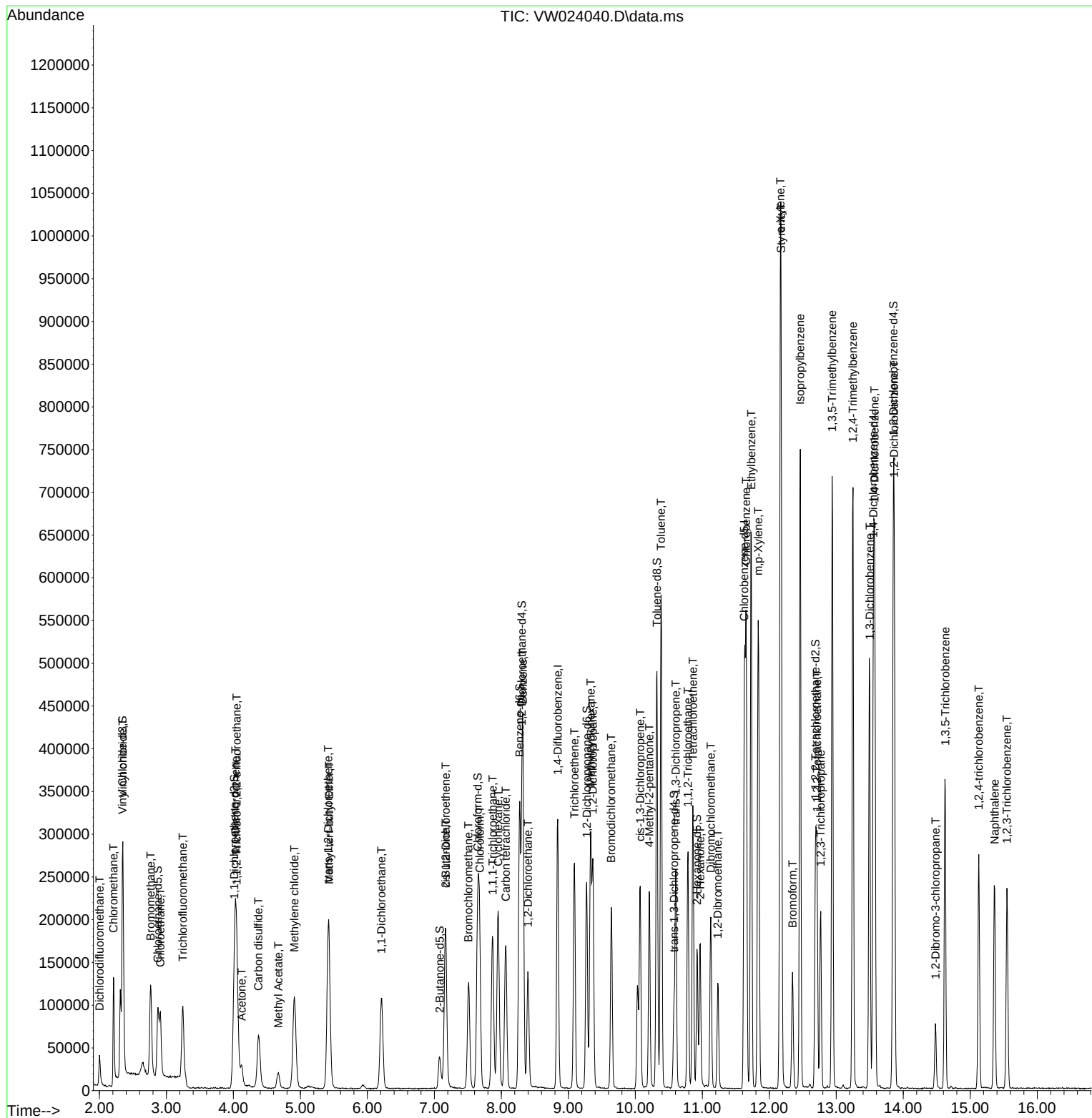
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121407	23.904	ug/L	99
29) Cyclohexane	7.952	56	100029	22.111	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	135735	25.344	ug/L	97
31) Carbon tetrachloride	8.067	117	122915	25.459	ug/L	100
33) Benzene	8.323	78	352516	25.078	ug/L	100
34) Trichloroethene	9.092	95	89150	24.018	ug/L	94
35) Methylcyclohexane	9.335	83	113719	20.119	ug/L	98
37) 1,2-Dichloropropane	9.366	63	92185	26.159	ug/L	98
38) Bromodichloromethane	9.640	83	132761	26.993	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	131656	24.787	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	137920	56.242	ug/L	98
42) Toluene	10.384	91	411996	25.700	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	130258	25.801	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	82015	26.616	ug/L	95
46) Tetrachloroethene	10.860	164	68629	23.911	ug/L	97
48) 2-Hexanone	10.969	43	105896	59.311	ug/L	100
49) Dibromochloromethane	11.128	129	99881	27.951	ug/L	96
50) 1,2-Dibromoethane	11.231	107	76653	25.893	ug/L #	96
51) Chlorobenzene	11.652	112	266919	24.688	ug/L	98
52) Ethylbenzene	11.731	91	450610	24.736	ug/L	99
53) m,p-Xylene	11.835	106	176297	24.805	ug/L	95
54) o-Xylene	12.164	106	175634	25.731	ug/L	99
55) Styrene	12.176	104	312979	25.955	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	115177	27.403	ug/L	99
59) Bromoform	12.347	173	56344	29.704	ug/L #	97
60) Isopropylbenzene	12.463	105	452610	26.192	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	81197	28.786	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	359553	25.415	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	364924	25.799	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	197683	25.196	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	201341	24.121	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	191903	25.935	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17531	26.947	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	103916	20.010	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	76438	19.062	ug/L	98
71) Naphthalene	15.365	128	200744	23.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	71491	19.127	ug/L	98

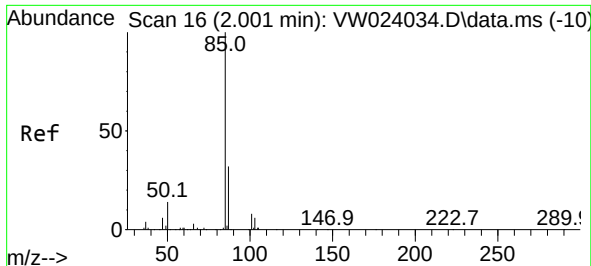
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024040.D
 Acq On : 23 Jul 2022 08:39
 Operator : SY/VA
 Sample : N3790-09MS
 Misc : 4.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

Quant Time: Jul 24 00:40:44 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

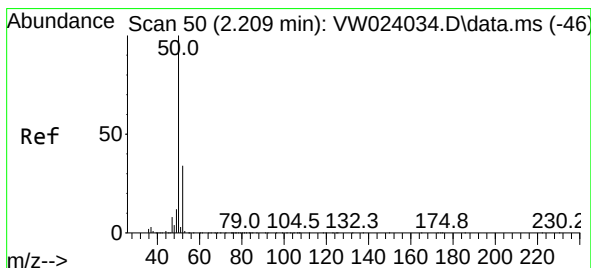
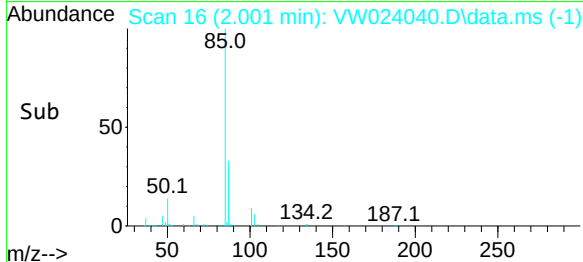
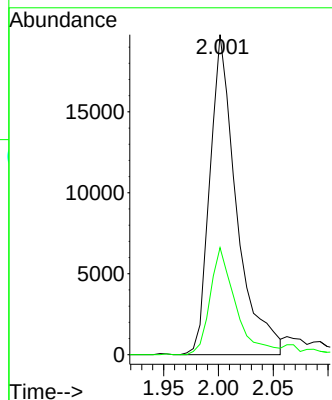
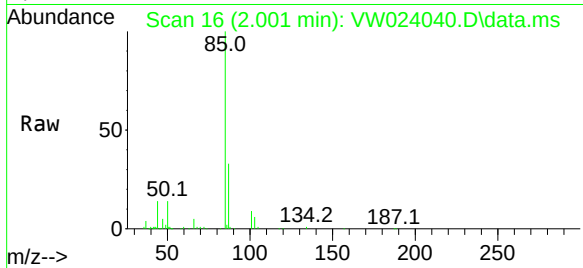




#2
Dichlorodifluoromethane
Concen: 19.500 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

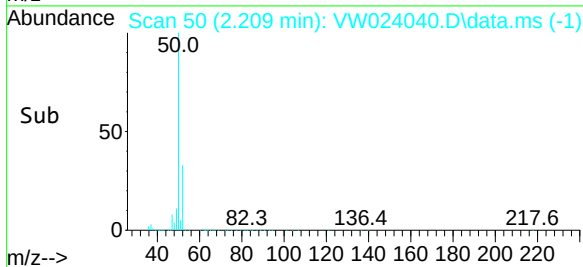
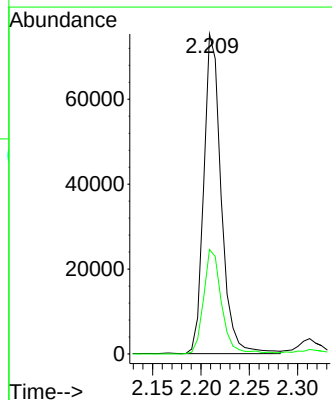
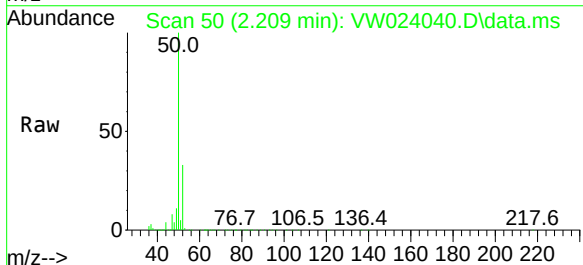
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

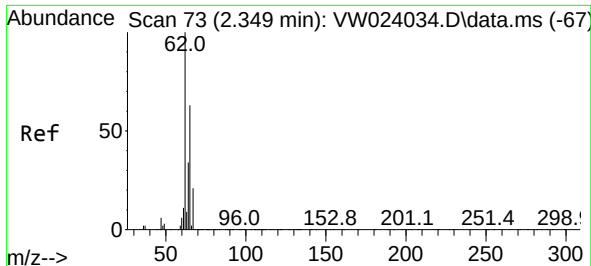
Tgt Ion: 85 Resp: 33458
Ion Ratio Lower Upper
85 100
87 32.2 24.7 37.1



#3
Chloromethane
Concen: 22.524 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 50 Resp: 94643
Ion Ratio Lower Upper
50 100
52 32.7 23.7 44.1

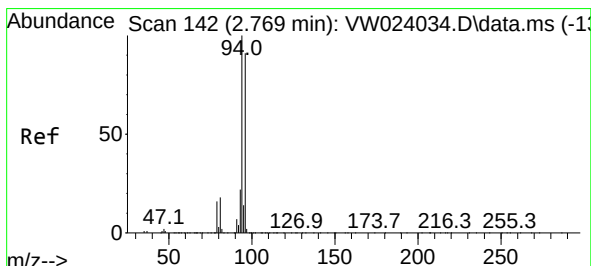
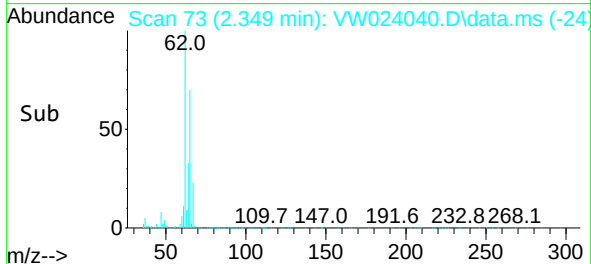
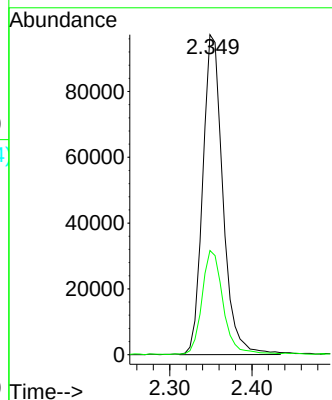
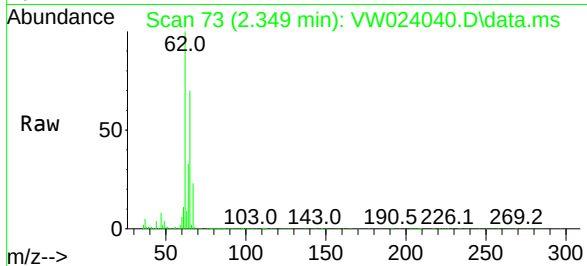




#5
 Vinyl chloride
 Concen: 22.917 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

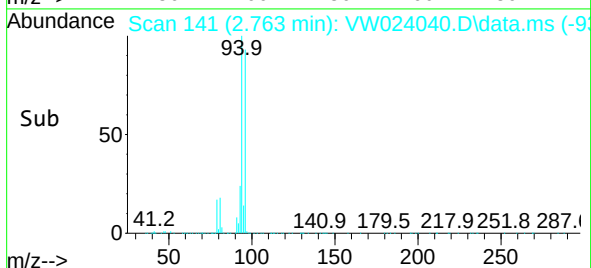
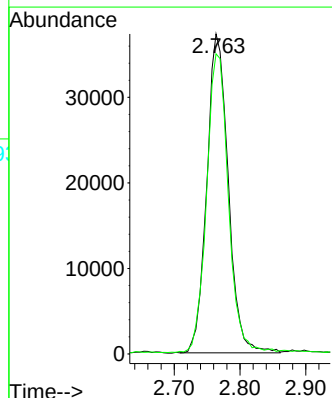
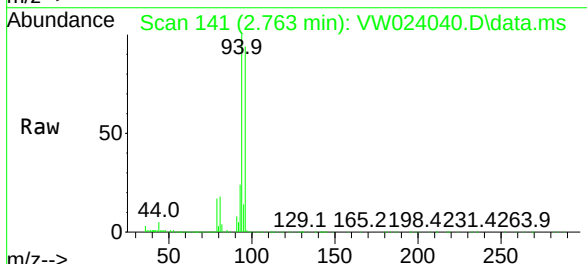
Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

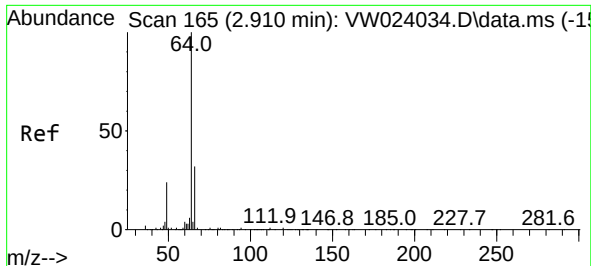
Tgt Ion: 62 Resp: 165348
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.0 44.6



#6
 Bromomethane
 Concen: 18.150 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

Tgt Ion: 94 Resp: 84704
 Ion Ratio Lower Upper
 94 100
 96 93.8 68.2 126.6

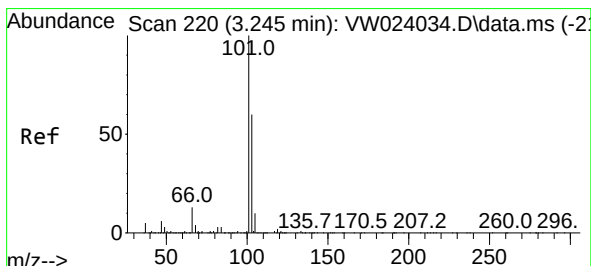
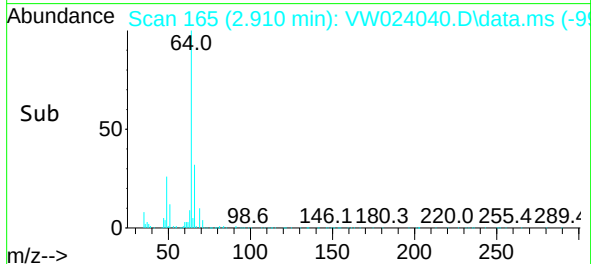
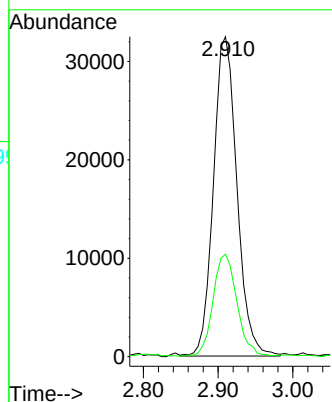
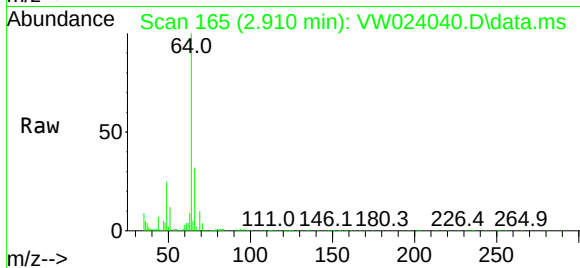




#8
Chloroethane
Concen: 21.019 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

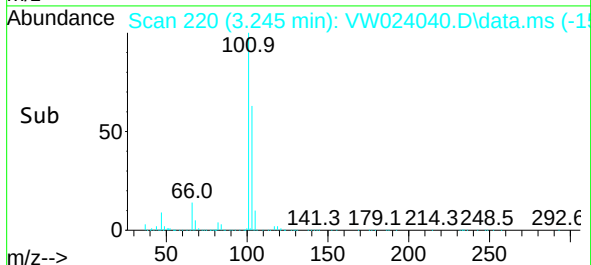
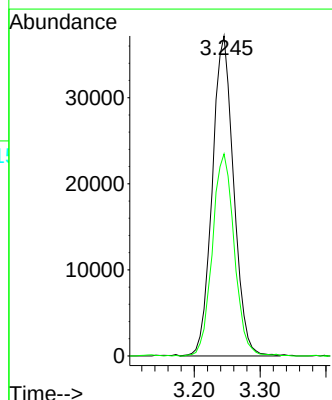
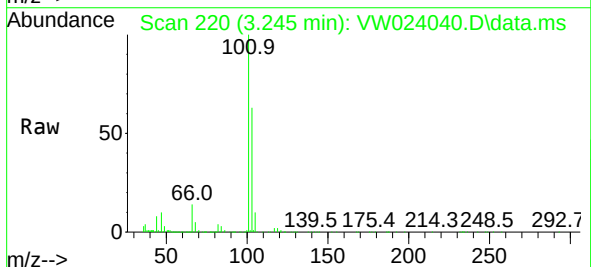
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

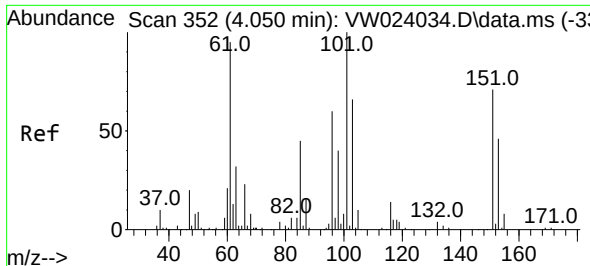
Tgt Ion: 64 Resp: 70952
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 25.654 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 101 Resp: 84138
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

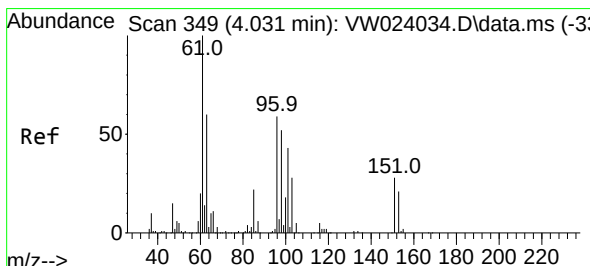
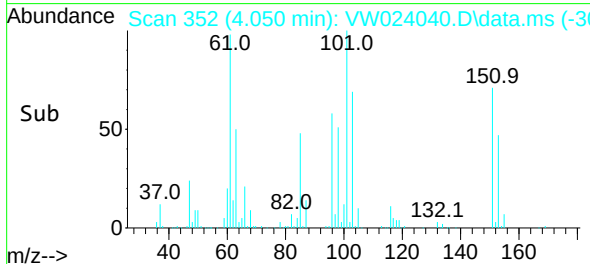
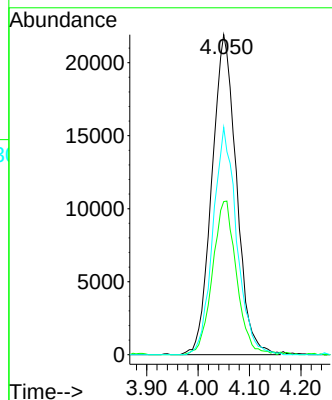
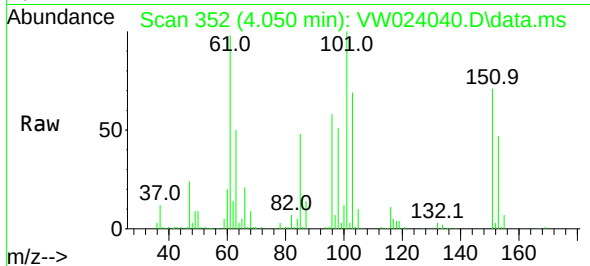




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.741 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

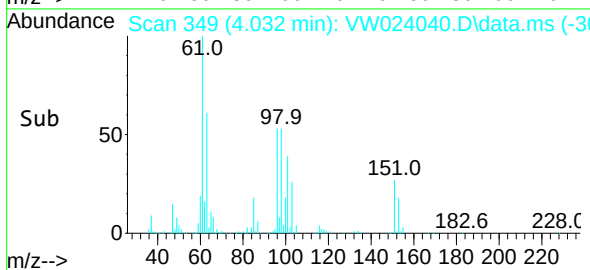
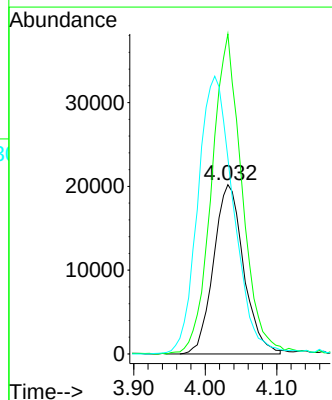
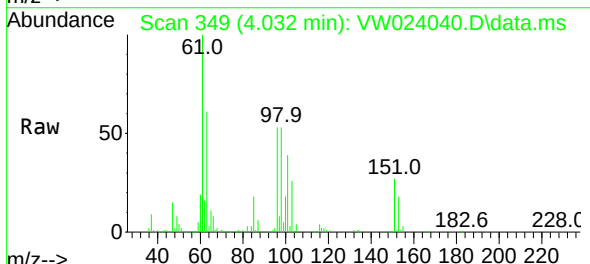
Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

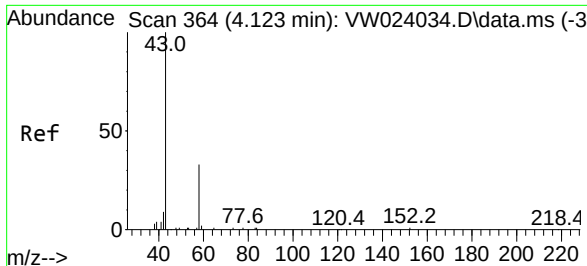
Tgt Ion:101 Resp: 72992
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.6 56.4
 151 68.5 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 22.041 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

Tgt Ion: 96 Resp: 58992
 Ion Ratio Lower Upper
 96 100
 61 189.0 125.4 232.8
 63 115.8 97.4 180.8

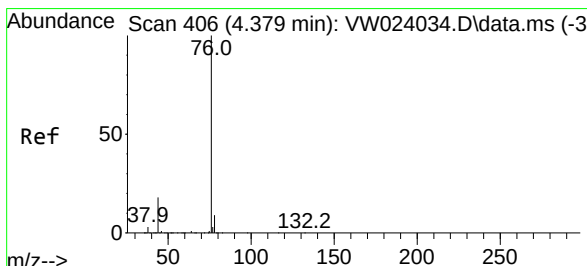
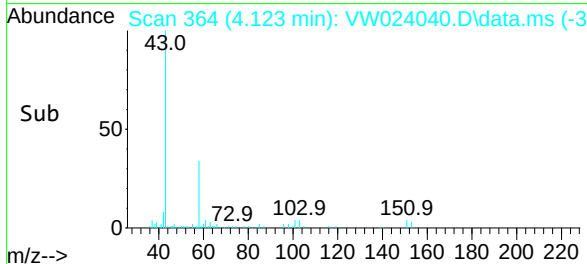
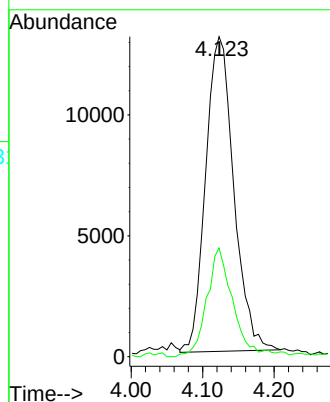
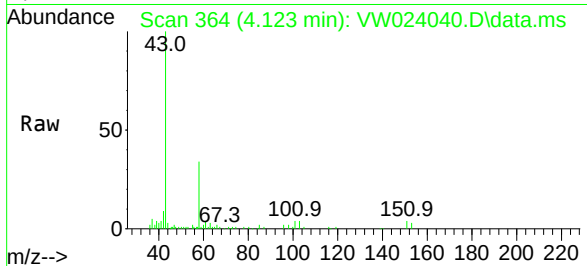




#13
Acetone
Concen: 50.389 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

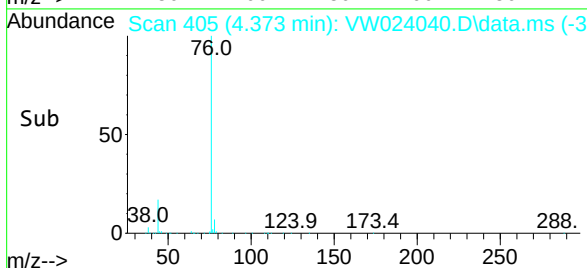
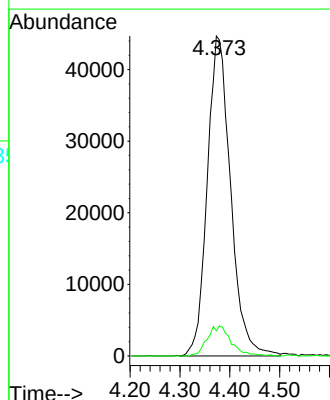
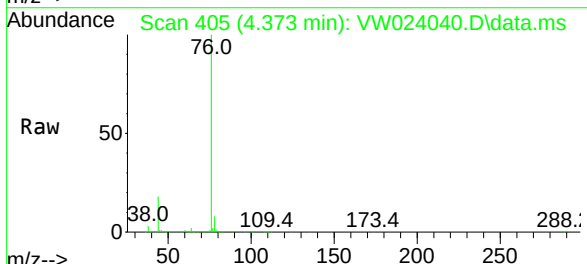
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

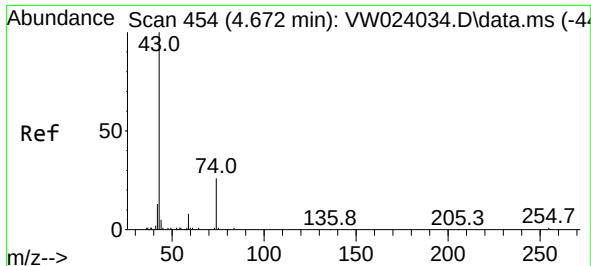
Tgt Ion: 43 Resp: 35635
Ion Ratio Lower Upper
43 100
58 31.0 0.0 64.2



#14
Carbon disulfide
Concen: 18.428 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 76 Resp: 145087
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

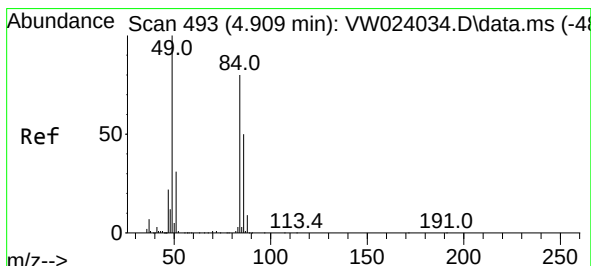
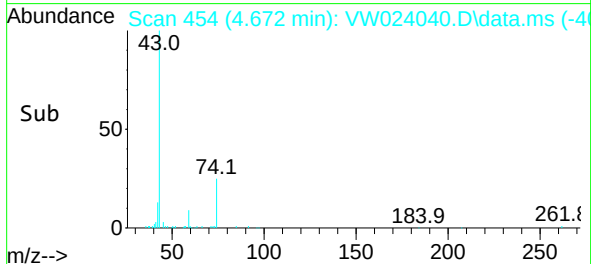
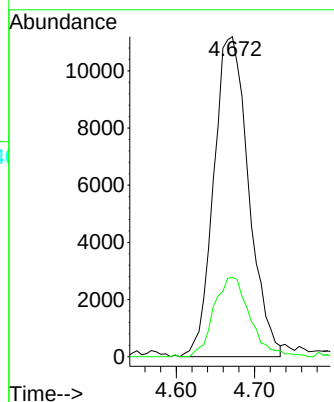
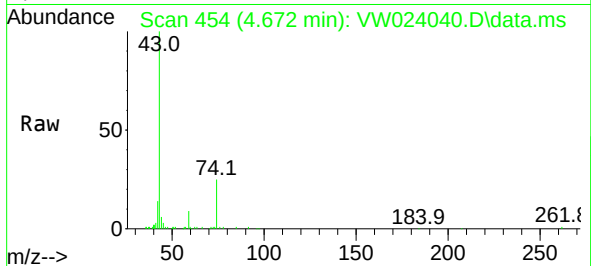




#15
Methyl Acetate
Concen: 21.906 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

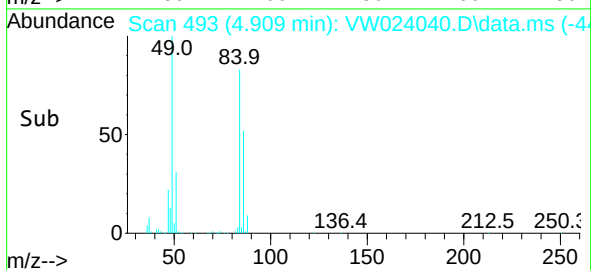
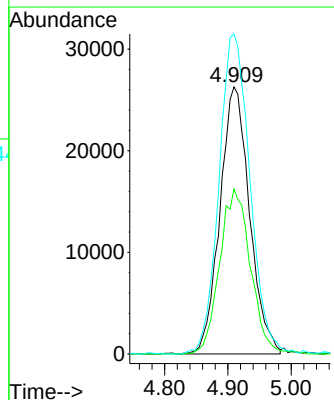
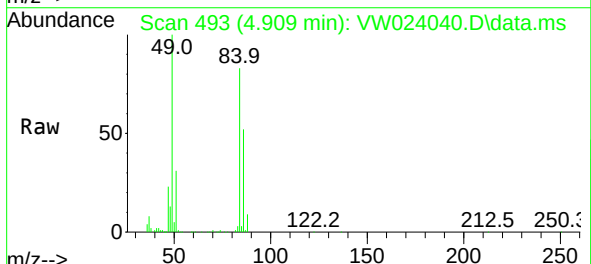
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

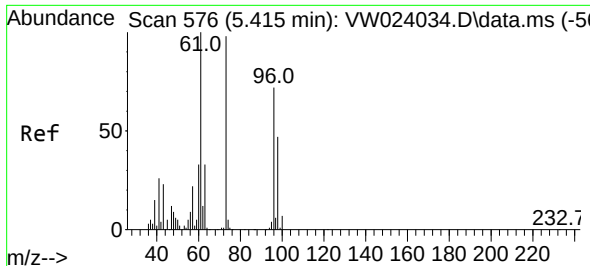
Tgt Ion: 43 Resp: 34673
Ion Ratio Lower Upper
43 100
74 25.6 20.0 30.0



#16
Methylene chloride
Concen: 21.648 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 84 Resp: 85471
Ion Ratio Lower Upper
84 100
86 61.8 42.8 79.6
49 119.9 85.4 158.6

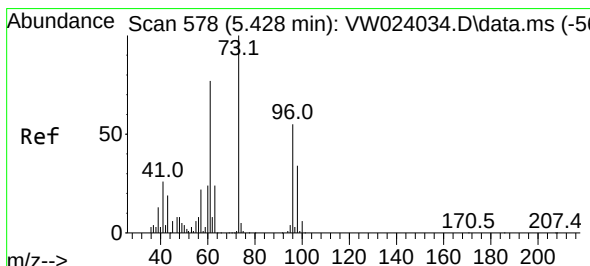
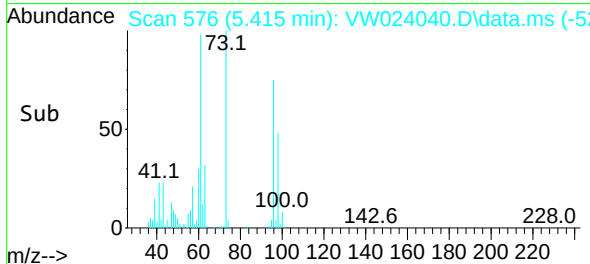
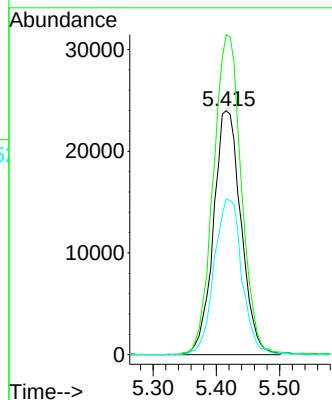
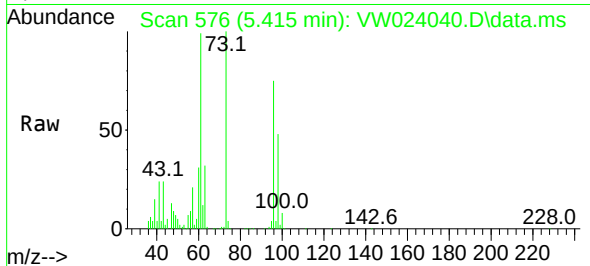




#17
trans-1,2-Dichloroethene
Concen: 22.303 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

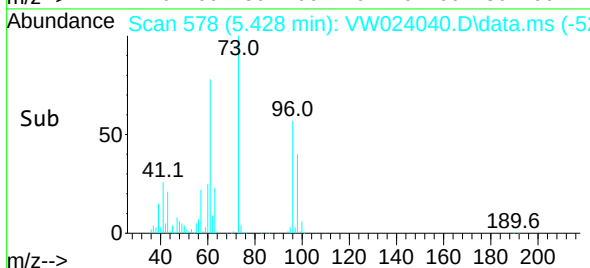
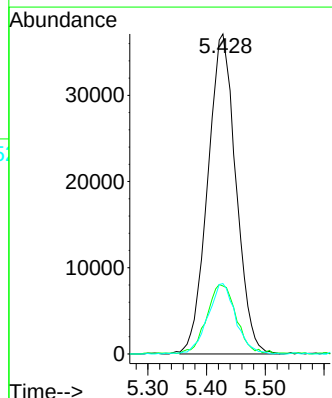
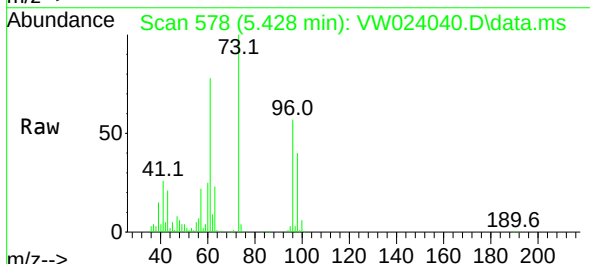
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

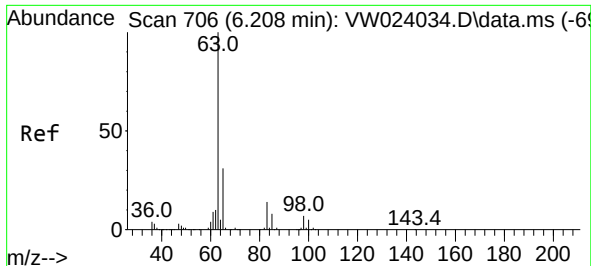
Tgt Ion: 96 Resp: 72425
Ion Ratio Lower Upper
96 100
61 131.2 90.8 168.6
98 63.8 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.621 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 73 Resp: 123696
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 21.6 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.397 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MS

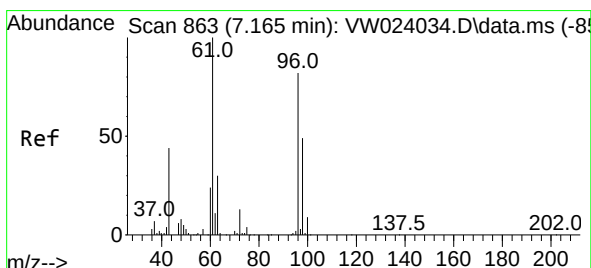
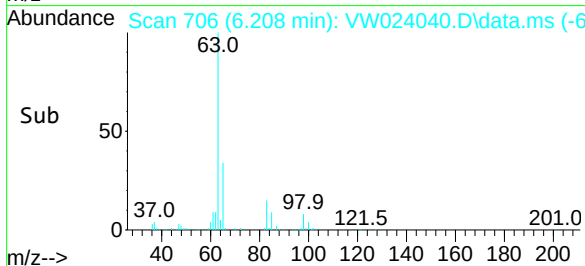
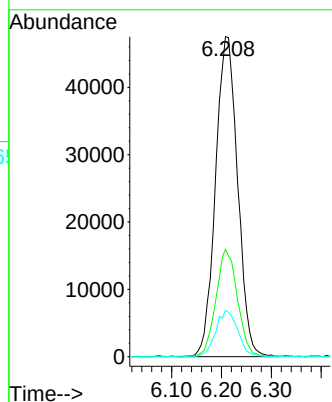
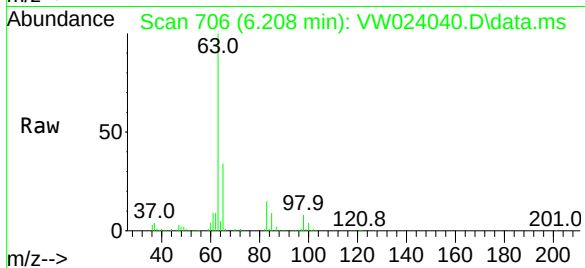
Tgt Ion: 63 Resp: 146138

Ion Ratio Lower Upper

63 100

65 33.6 22.7 42.1

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 24.204 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

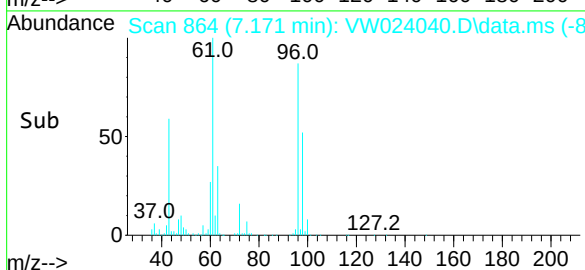
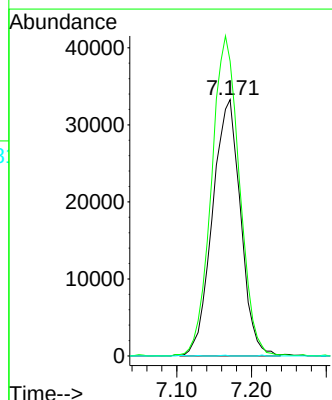
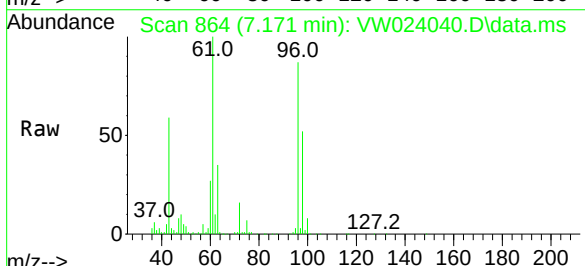
Tgt Ion: 96 Resp: 87077

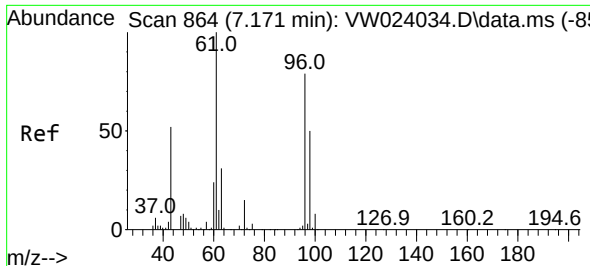
Ion Ratio Lower Upper

96 100

61 115.0 90.6 168.2

68 0.0 0.2 0.4

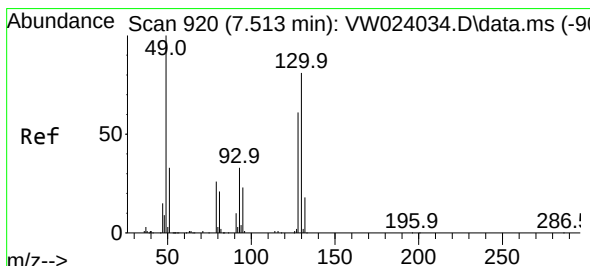
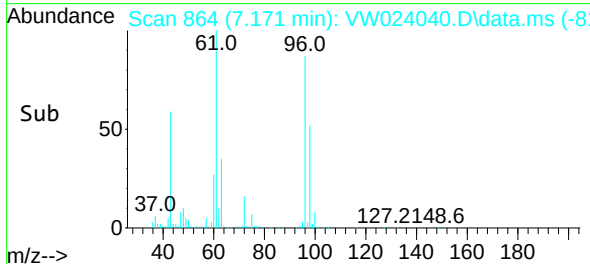
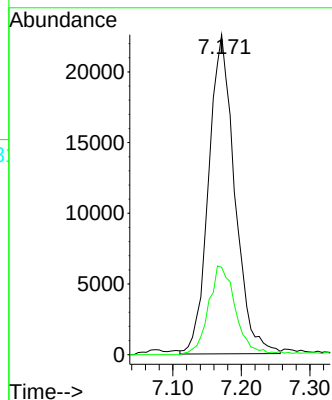
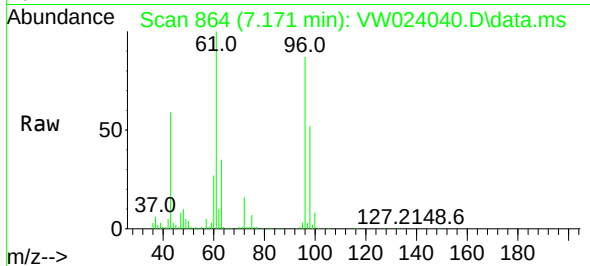




#22
2-Butanone
Concen: 51.465 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

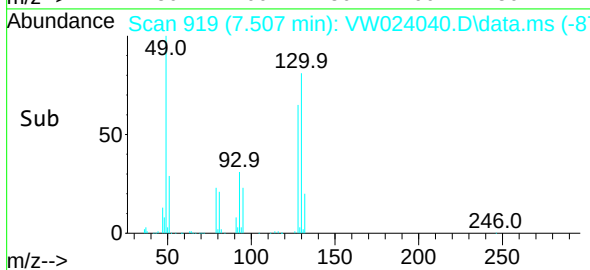
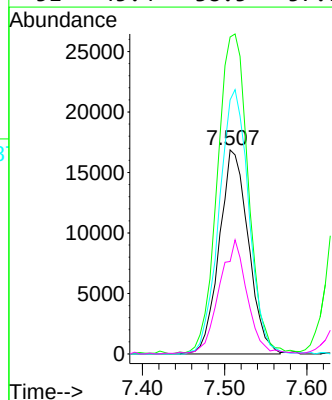
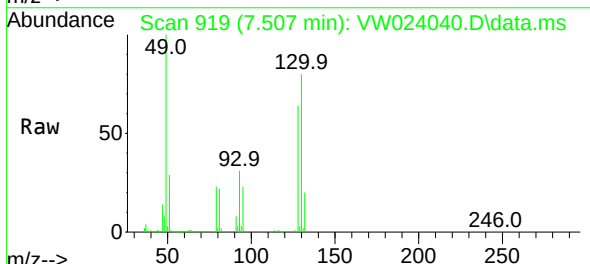
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

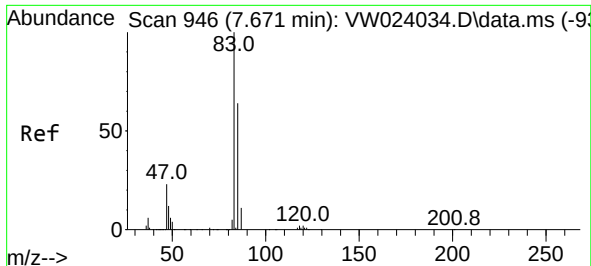
Tgt Ion: 43 Resp: 59812
Ion Ratio Lower Upper
43 100
72 28.4 14.7 44.1



#23
Bromochloromethane
Concen: 23.957 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 128 Resp: 41403
Ion Ratio Lower Upper
128 100
49 155.4 106.0 196.8
130 124.6 83.2 154.4
51 45.4 38.5 57.7

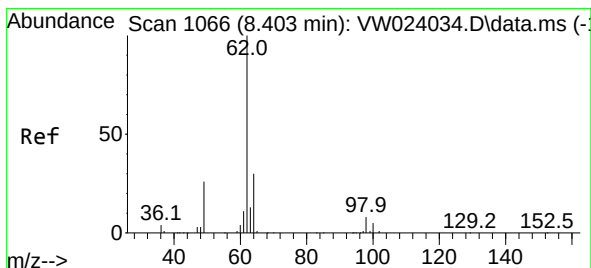
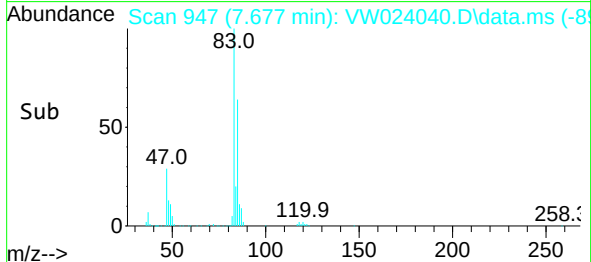
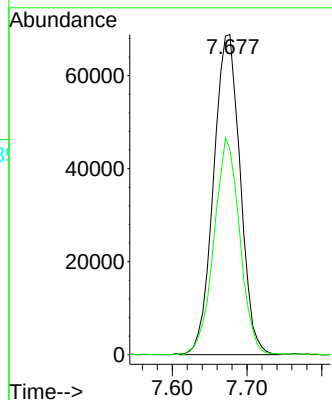
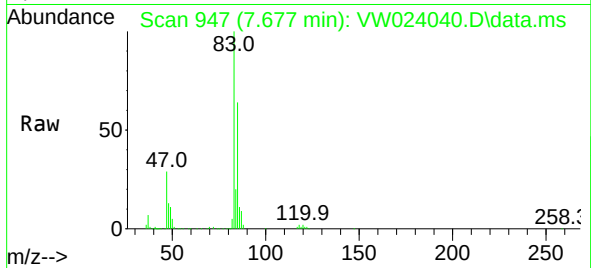




#25
Chloroform
Concen: 24.733 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

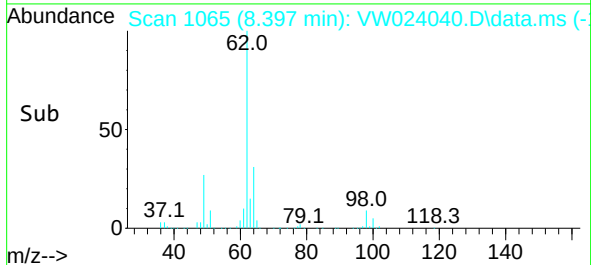
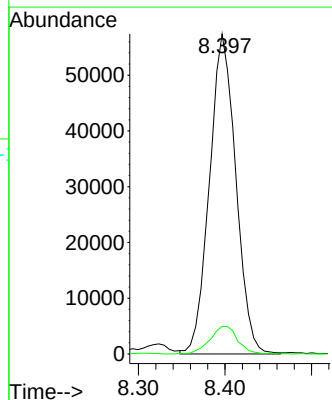
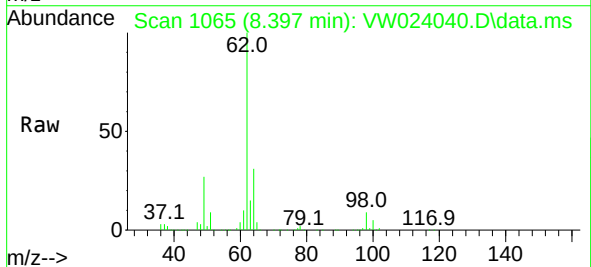
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

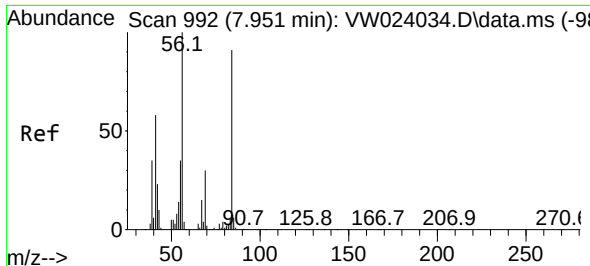
Tgt Ion: 83 Resp: 170677
Ion Ratio Lower Upper
83 100
85 64.1 41.9 77.9



#27
1,2-Dichloroethane
Concen: 23.904 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 62 Resp: 121407
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8

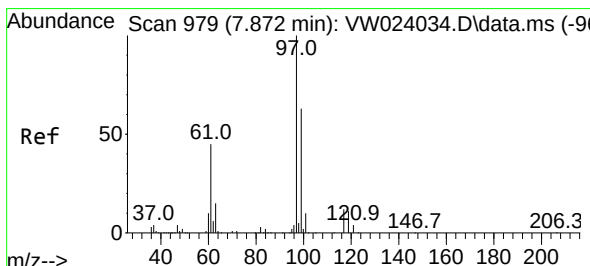
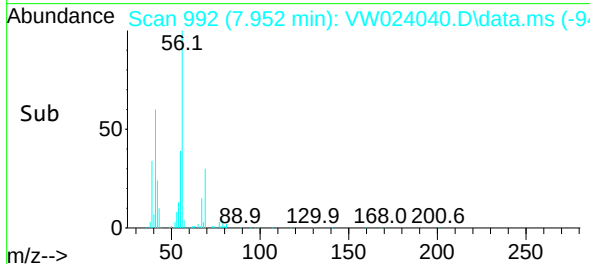
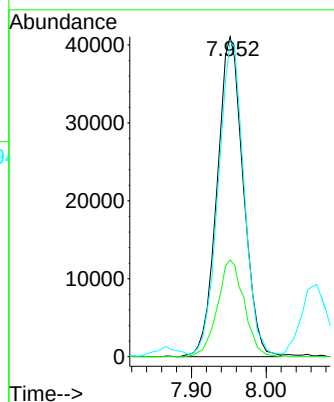
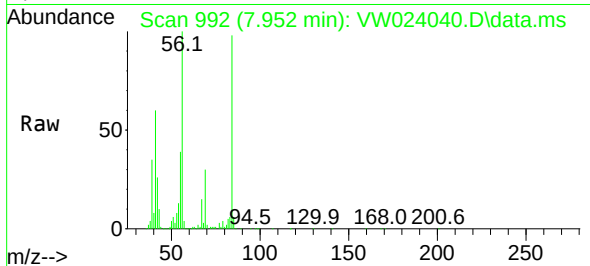




#29
Cyclohexane
Concen: 22.111 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

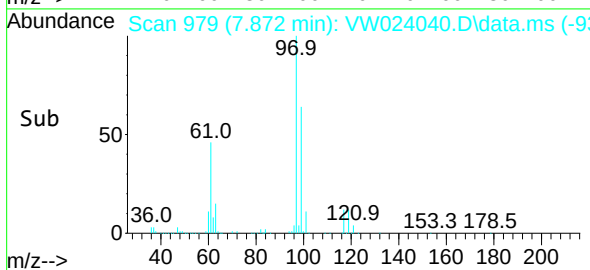
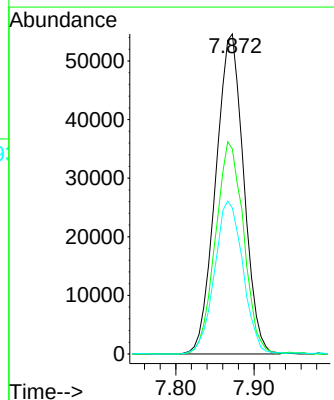
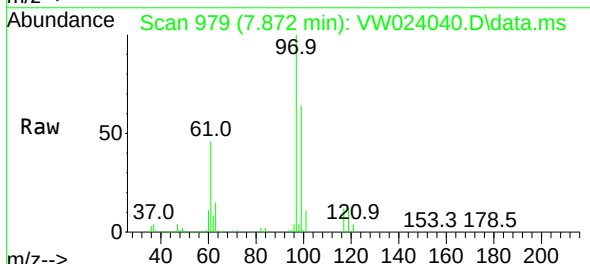
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

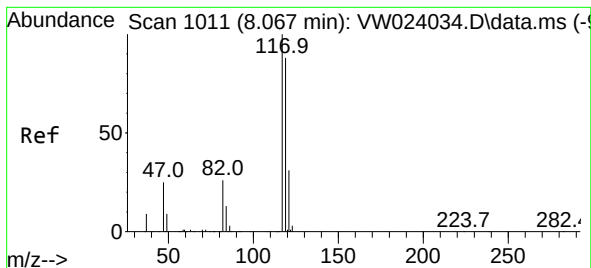
Tgt Ion: 56 Resp: 100029
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.0
84 97.2 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 25.344 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 97 Resp: 135735
Ion Ratio Lower Upper
97 100
99 66.5 51.0 76.6
61 48.6 37.5 56.3

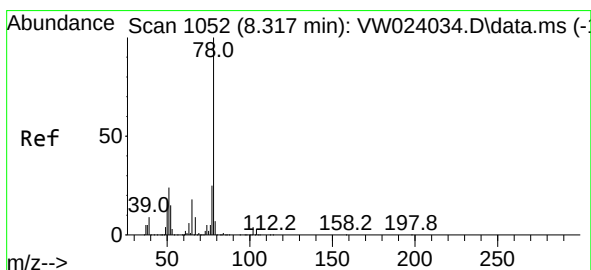
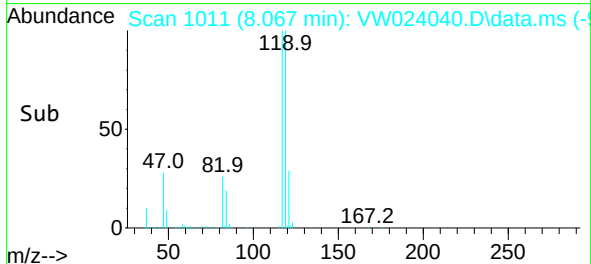
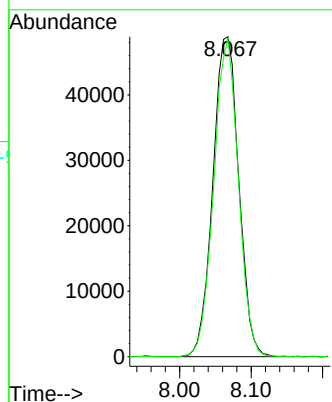
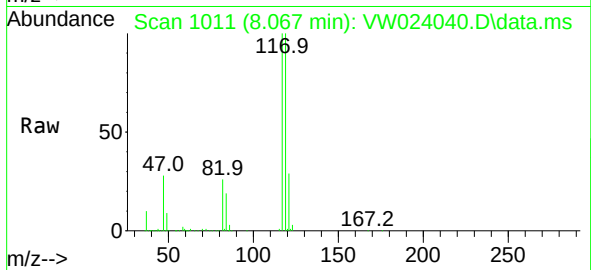




#31
Carbon tetrachloride
Concen: 25.459 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

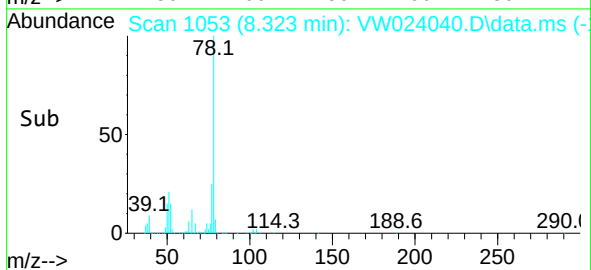
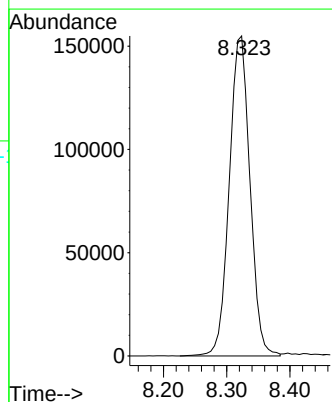
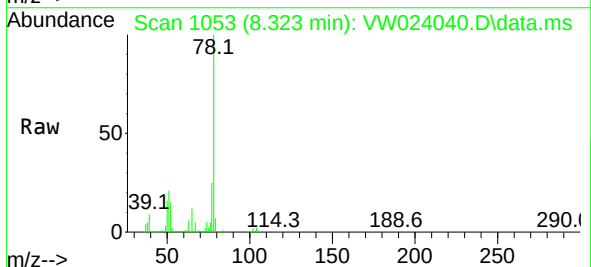
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

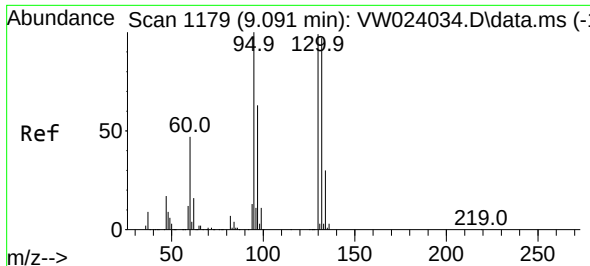
Tgt Ion:117 Resp: 122915
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 25.078 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 78 Resp: 352516





#34

Trichloroethene

Concen: 24.018 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MS

Tgt Ion: 95 Resp: 89150

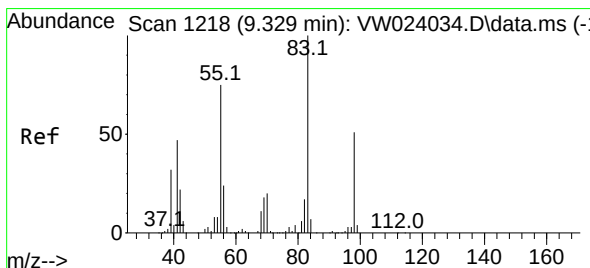
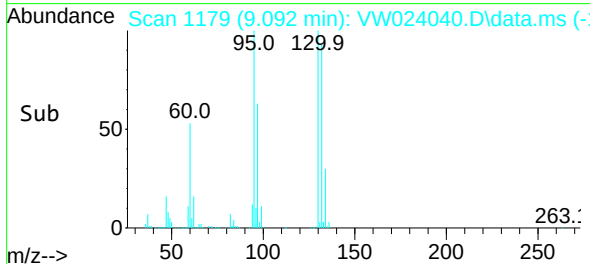
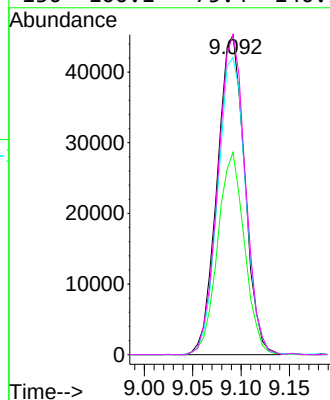
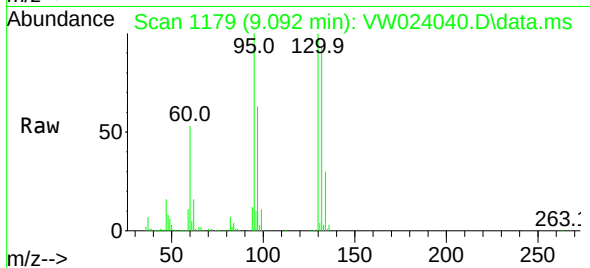
Ion Ratio Lower Upper

95 100

97 63.3 45.6 84.8

132 92.9 69.9 129.7

130 100.1 75.4 140.0



#35

Methylcyclohexane

Concen: 20.119 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

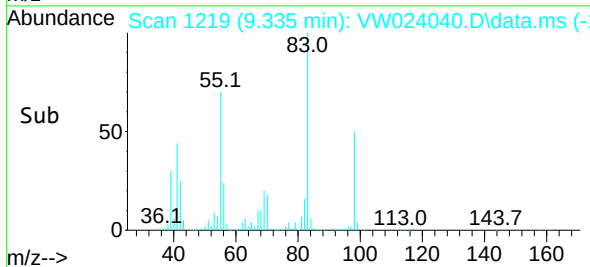
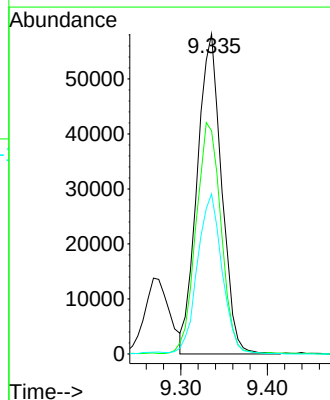
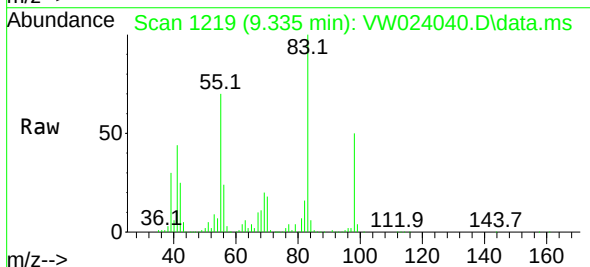
Tgt Ion: 83 Resp: 113719

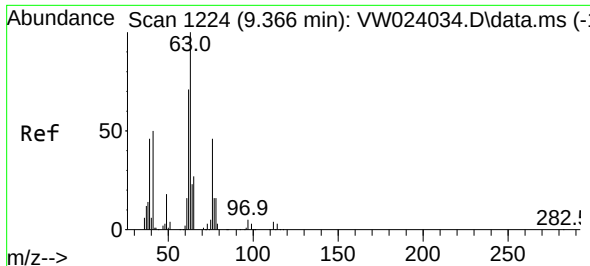
Ion Ratio Lower Upper

83 100

55 74.2 60.8 91.2

98 50.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 26.159 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

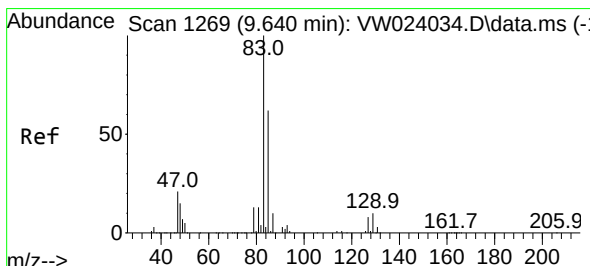
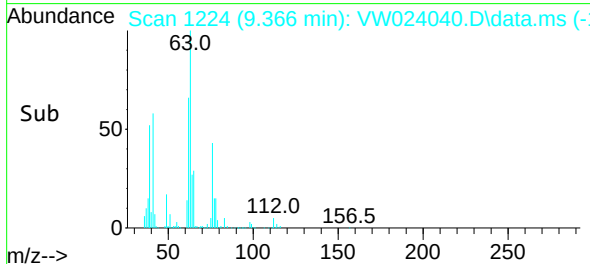
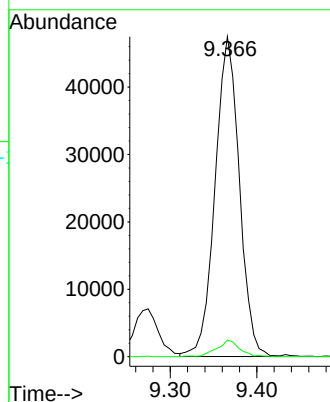
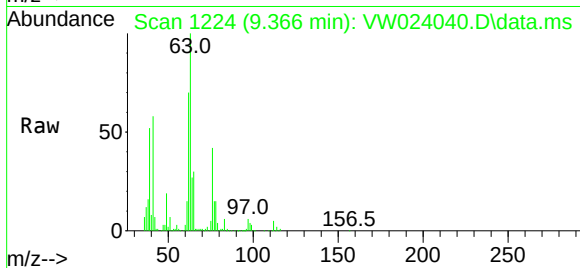
DBUK4MS

Tgt Ion: 63 Resp: 92185

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 26.993 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

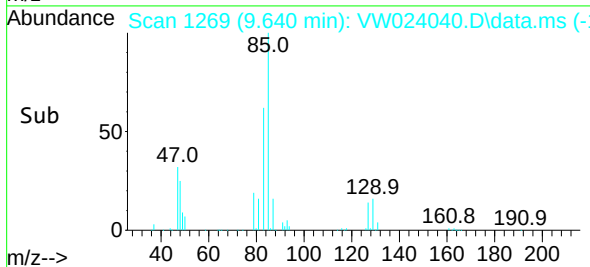
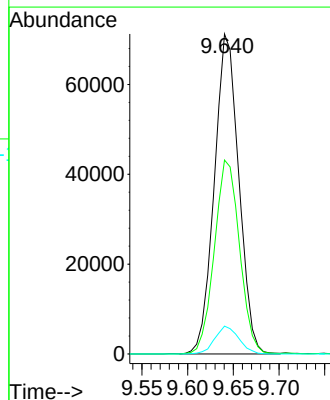
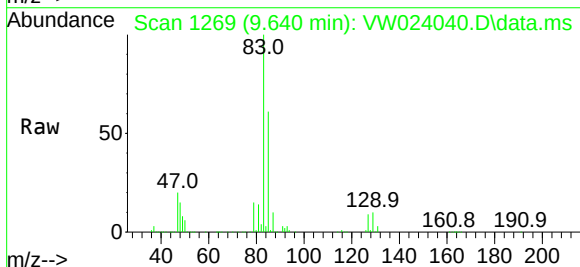
Tgt Ion: 83 Resp: 132761

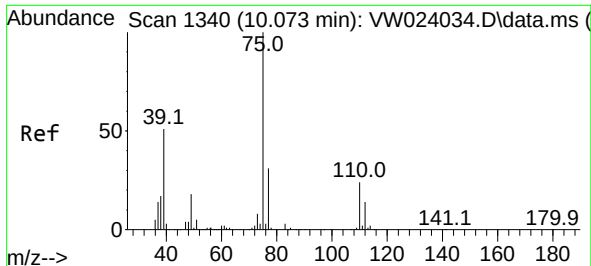
Ion Ratio Lower Upper

83 100

85 60.6 45.5 84.5

127 8.7 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.787 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

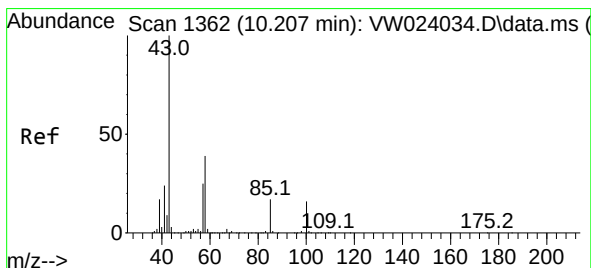
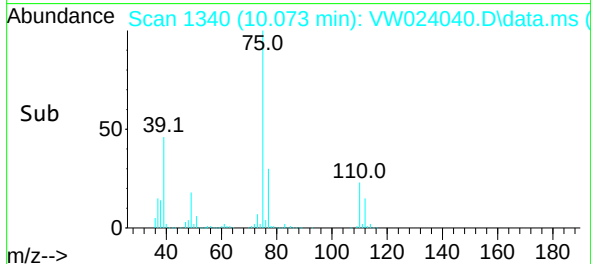
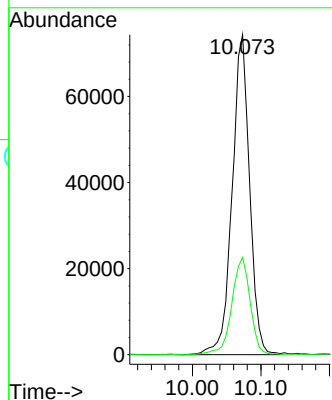
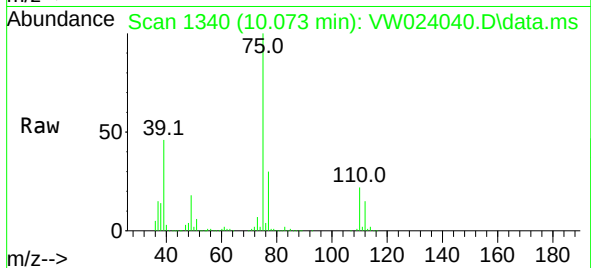
DBUK4MS

Tgt Ion: 75 Resp: 131656

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.242 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

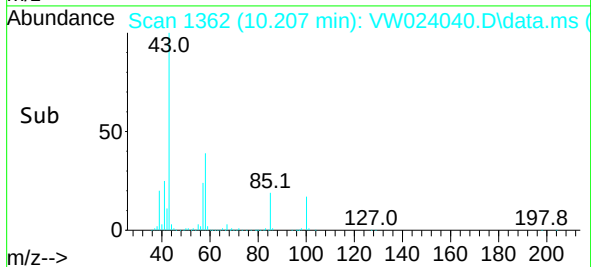
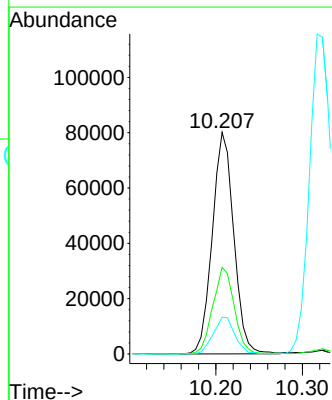
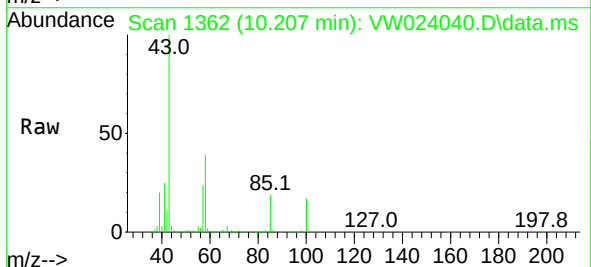
Tgt Ion: 43 Resp: 137920

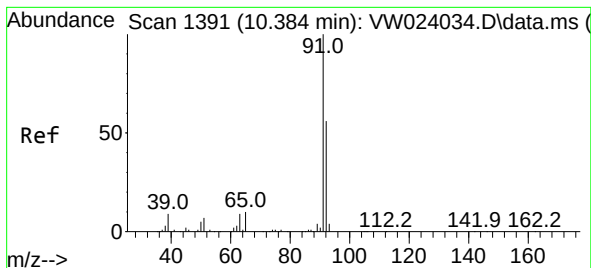
Ion Ratio Lower Upper

43 100

58 39.0 29.8 44.8

100 16.8 13.0 19.4





#42

Toluene

Concen: 25.700 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

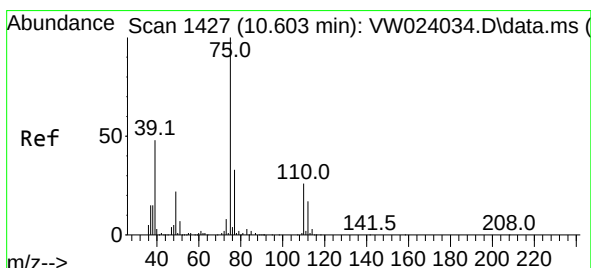
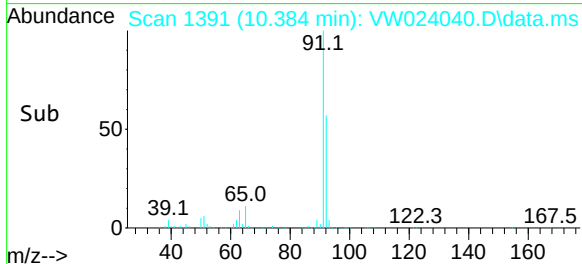
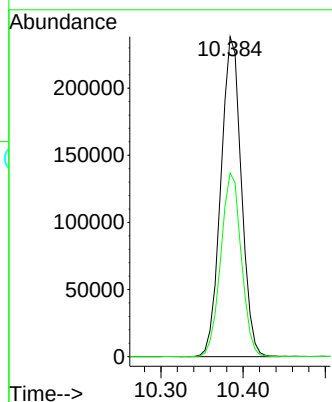
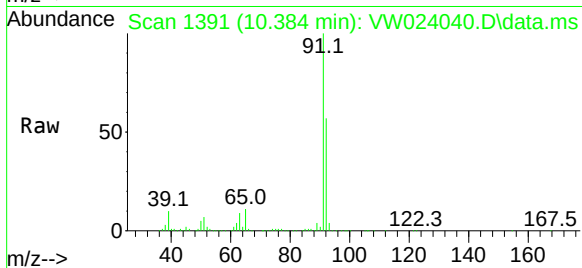
DBUK4MS

Tgt Ion: 91 Resp: 411996

Ion Ratio Lower Upper

91 100

92 57.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 25.801 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024040.D

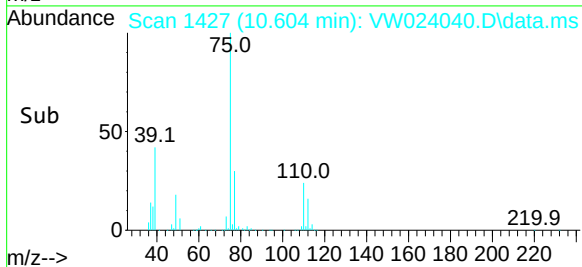
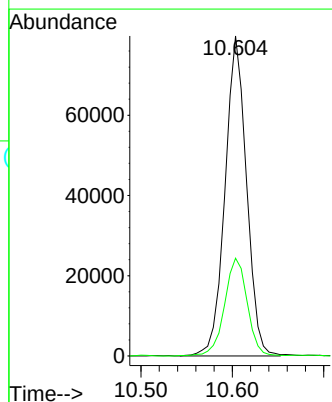
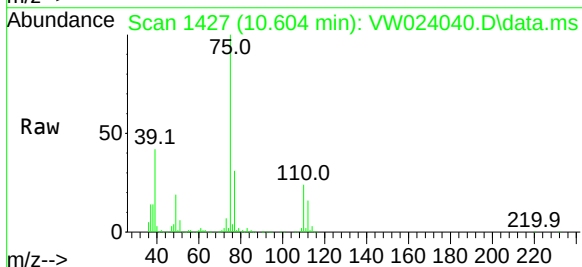
Acq: 23 Jul 2022 08:39

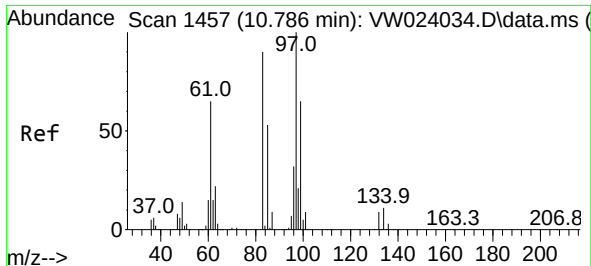
Tgt Ion: 75 Resp: 130258

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.616 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MS

Tgt Ion: 97 Resp: 82015

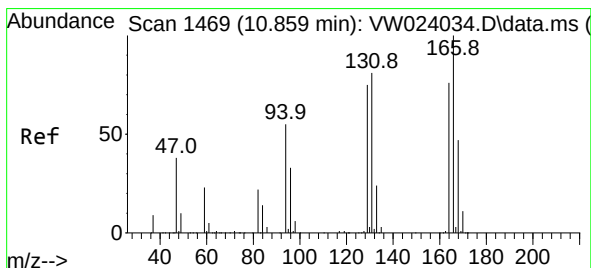
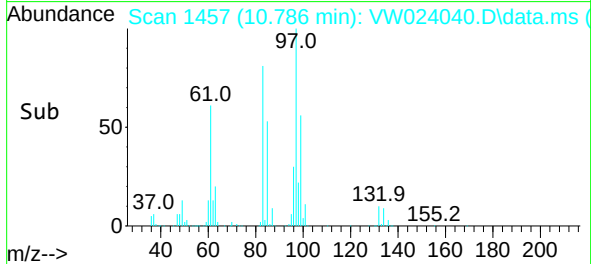
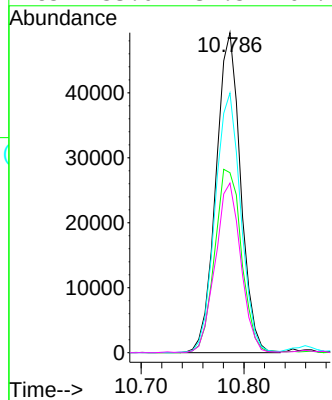
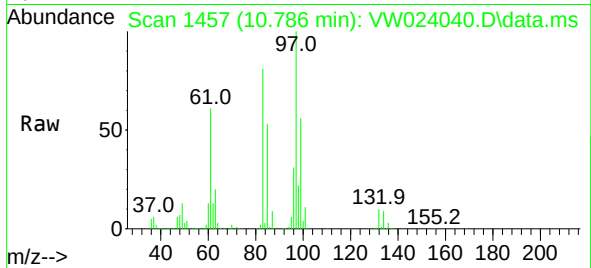
Ion Ratio Lower Upper

97 100

99 56.3 44.2 82.2

83 81.2 59.8 111.0

85 53.0 37.5 69.6



#46

Tetrachloroethene

Concen: 23.911 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Tgt Ion:164 Resp: 68629

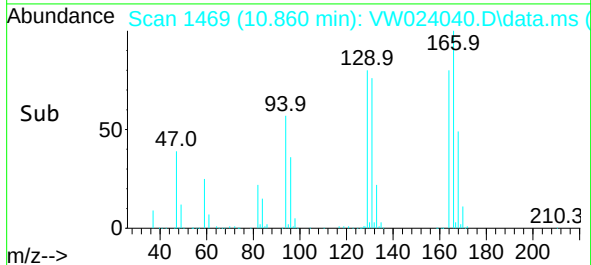
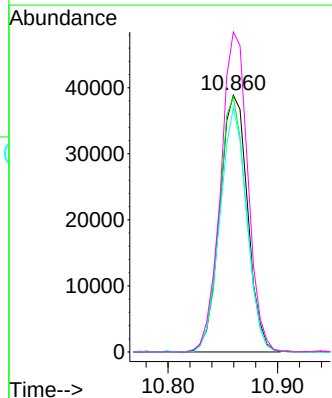
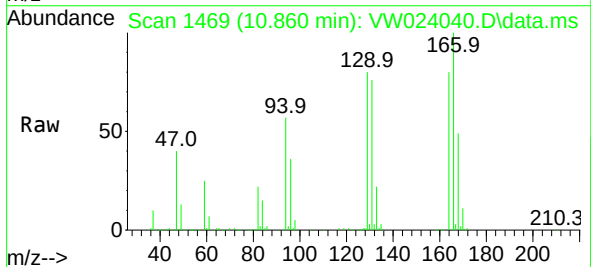
Ion Ratio Lower Upper

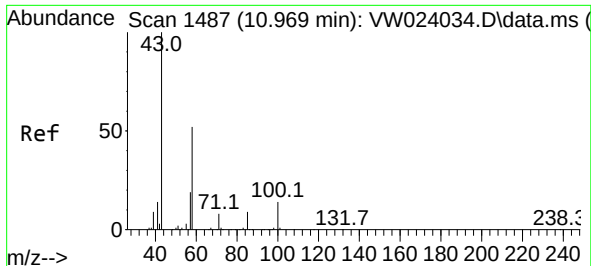
164 100

129 99.3 72.4 134.5

131 95.2 67.8 125.8

166 124.6 88.9 165.1

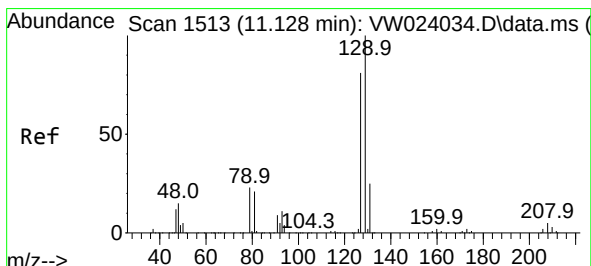
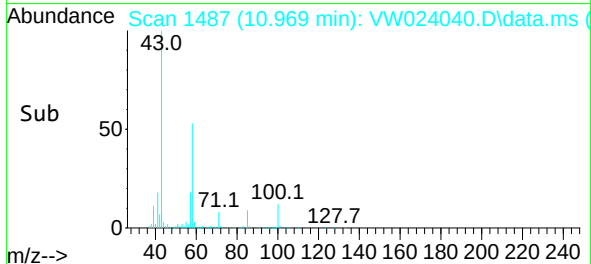
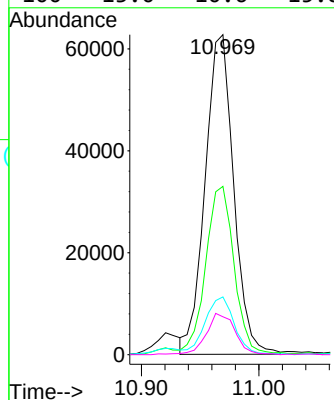
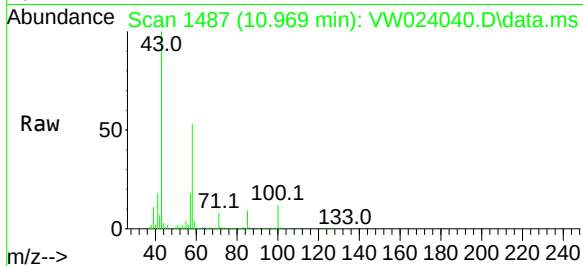




#48
2-Hexanone
Concen: 59.311 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

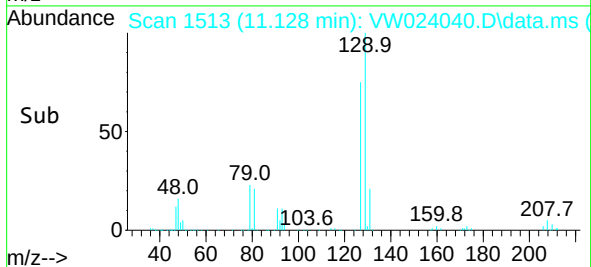
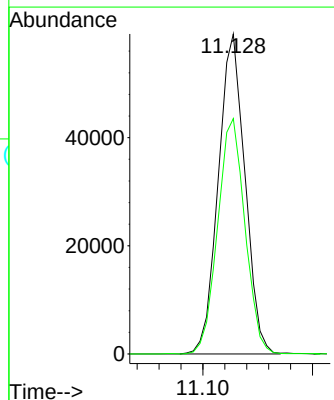
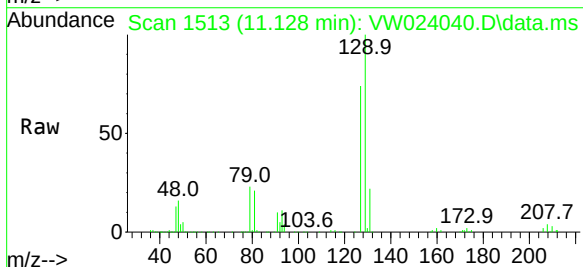
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

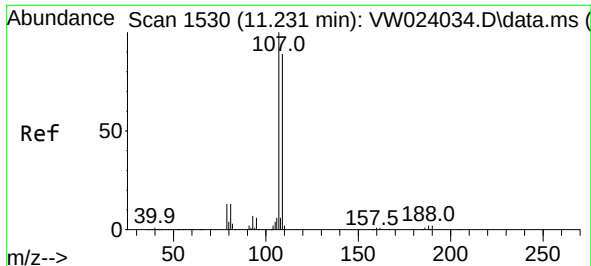
Tgt Ion: 43 Resp: 105896
Ion Ratio Lower Upper
43 100
58 51.9 41.6 62.4
57 18.7 14.6 21.8
100 13.0 10.6 15.8



#49
Dibromochloromethane
Concen: 27.951 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 129 Resp: 99881
Ion Ratio Lower Upper
129 100
127 73.5 53.7 99.7

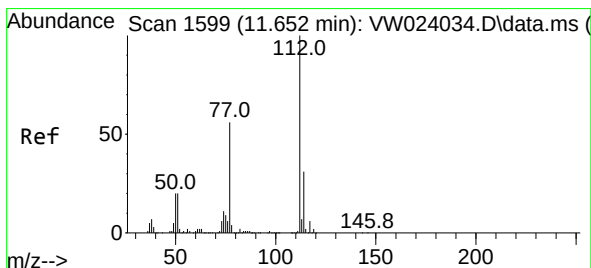
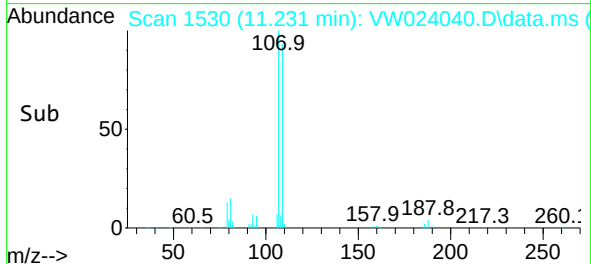
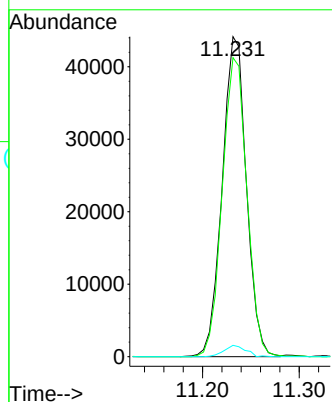
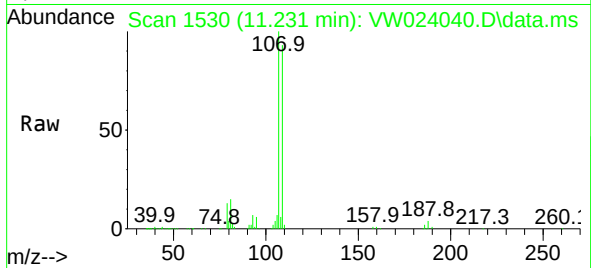




#50
1,2-Dibromoethane
Concen: 25.893 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

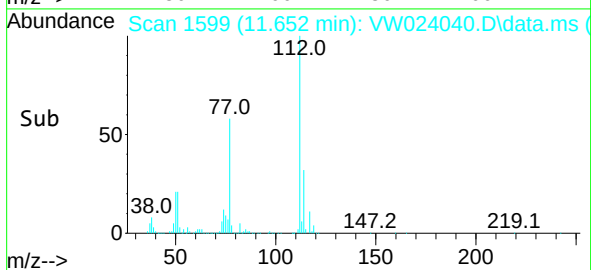
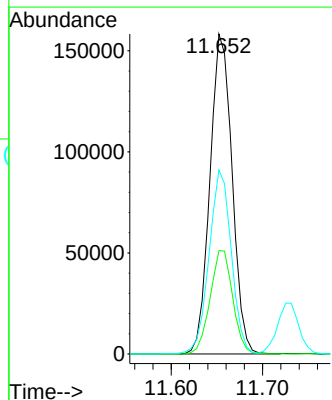
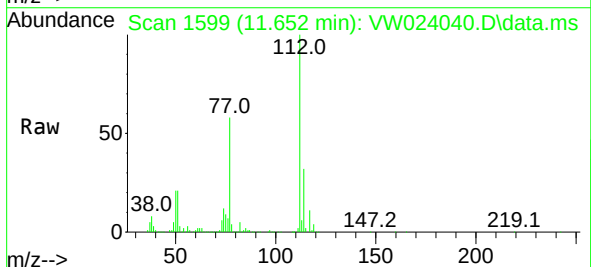
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

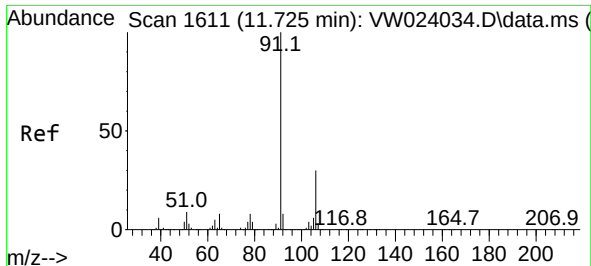
Tgt Ion:107 Resp: 76653
Ion Ratio Lower Upper
107 100
109 93.4 62.4 116.0
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 24.688 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:112 Resp: 266919
Ion Ratio Lower Upper
112 100
114 32.3 21.1 39.3
77 57.5 46.6 69.8

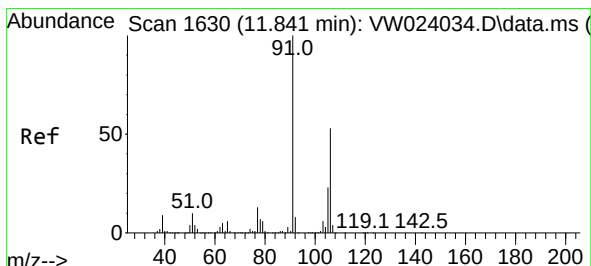
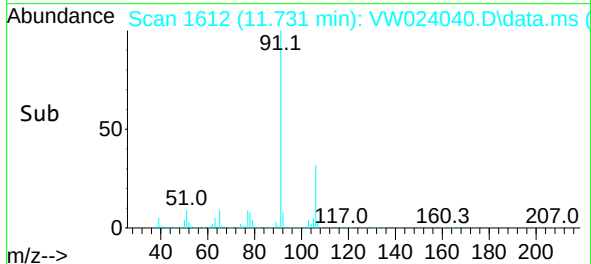
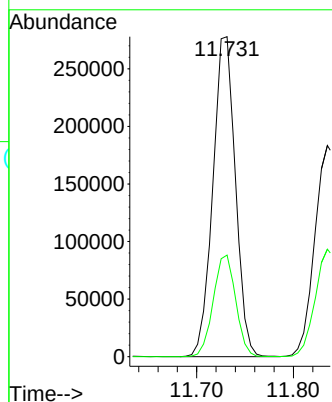
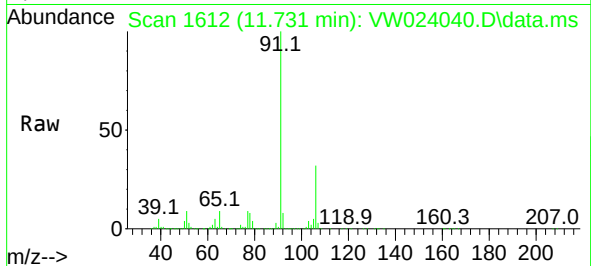




#52
Ethylbenzene
Concen: 24.736 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

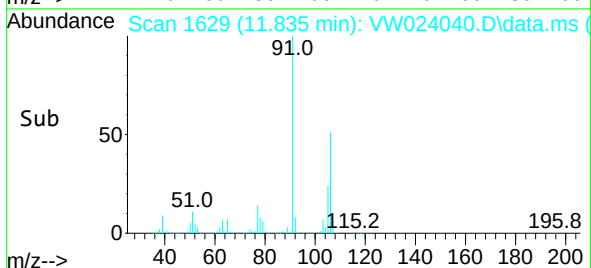
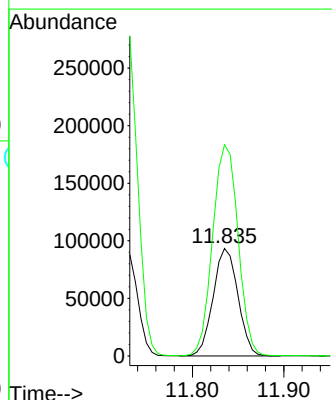
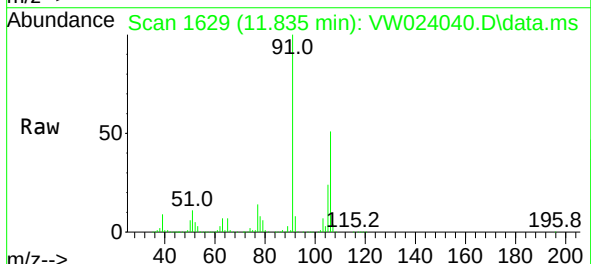
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

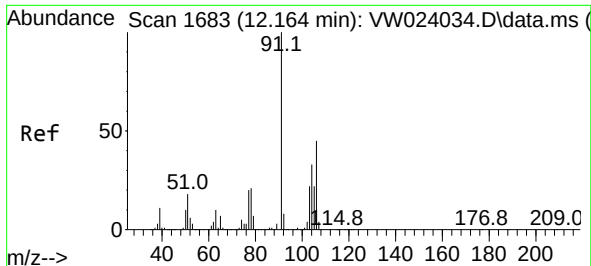
Tgt Ion: 91 Resp: 450610
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.9



#53
m,p-Xylene
Concen: 24.805 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:106 Resp: 176297
Ion Ratio Lower Upper
106 100
91 196.4 142.8 265.2

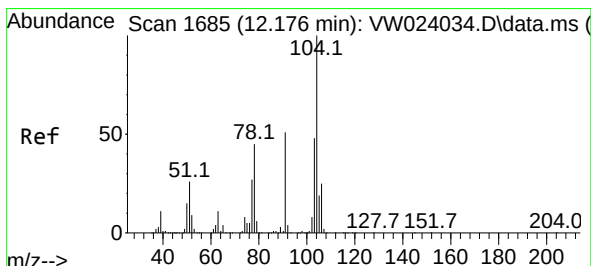
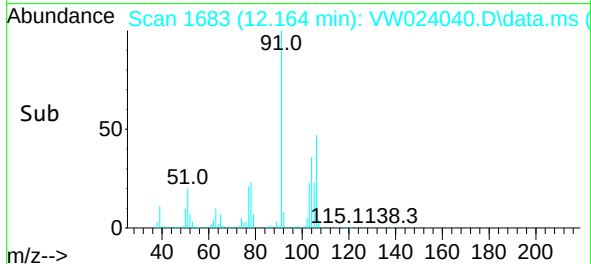
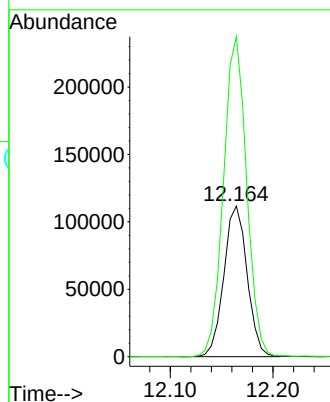
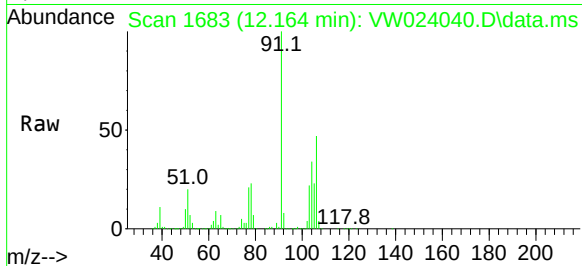




#54
o-Xylene
Concen: 25.731 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

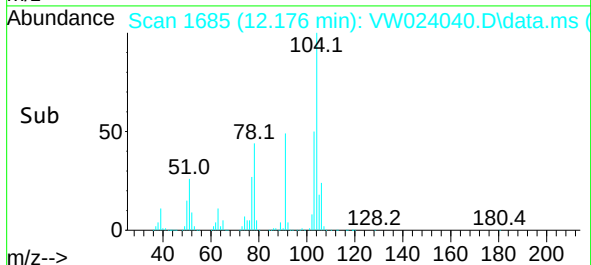
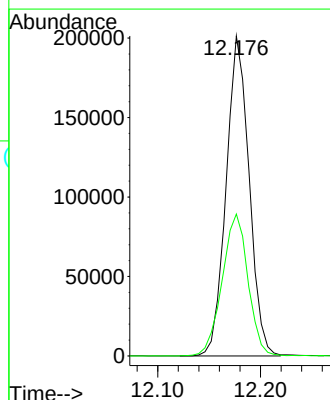
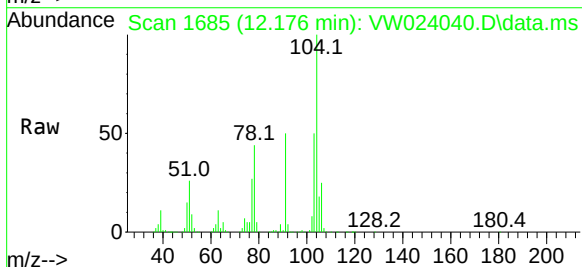
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

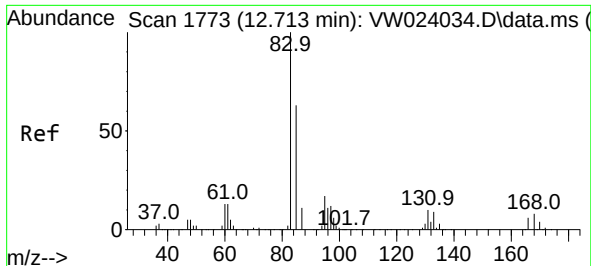
Tgt Ion:106 Resp: 175634
Ion Ratio Lower Upper
106 100
91 212.5 149.6 277.8



#55
Styrene
Concen: 25.955 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:104 Resp: 312979
Ion Ratio Lower Upper
104 100
78 44.3 34.3 63.7

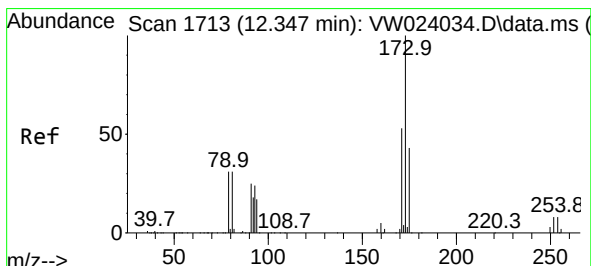
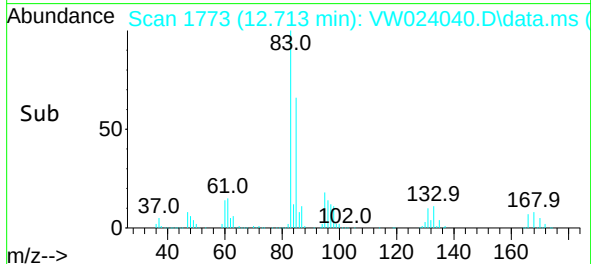
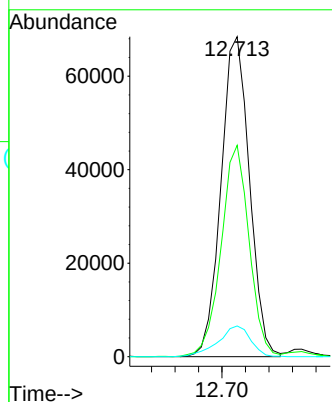
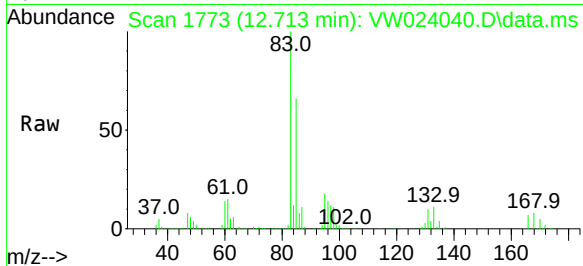




#57
1,1,2,2-Tetrachloroethane
Concen: 27.403 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

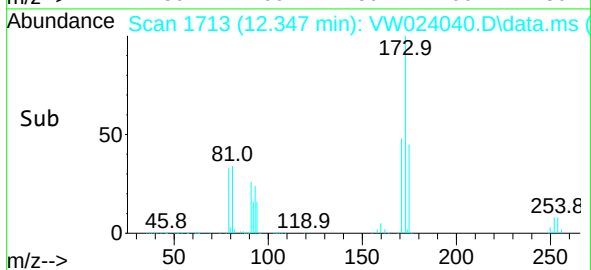
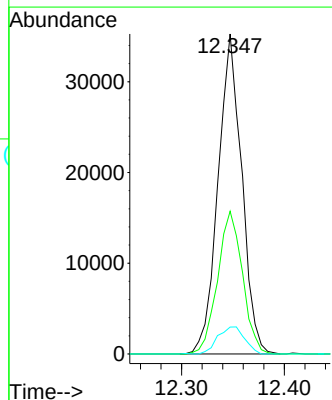
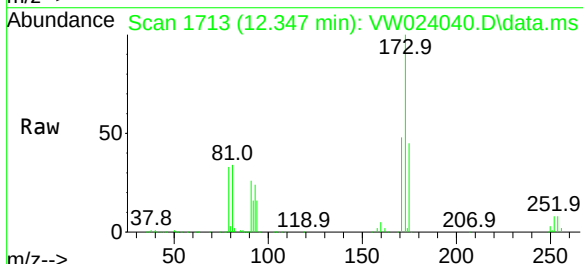
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

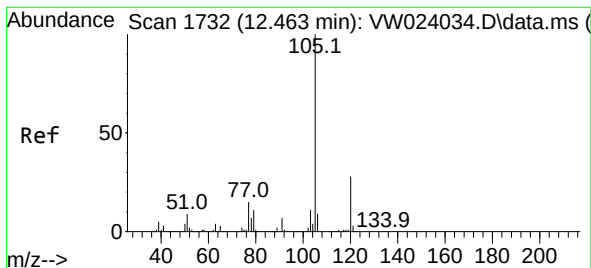
Tgt Ion: 83 Resp: 115177
Ion Ratio Lower Upper
83 100
85 66.0 46.5 86.3
131 9.6 7.4 11.0



#59
Bromoform
Concen: 29.704 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion: 173 Resp: 56344
Ion Ratio Lower Upper
173 100
175 46.9 38.9 58.3
254 9.6 5.9 8.9#





#60

Isopropylbenzene

Concen: 26.192 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MS

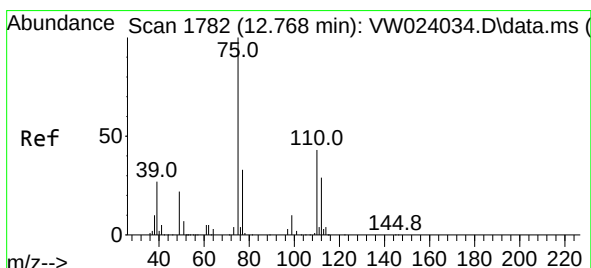
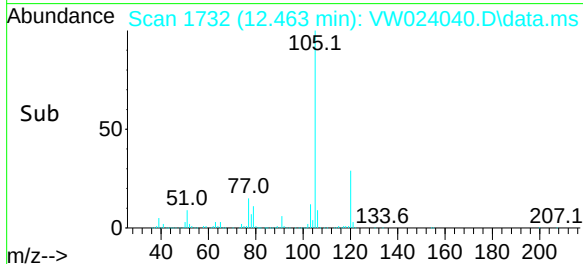
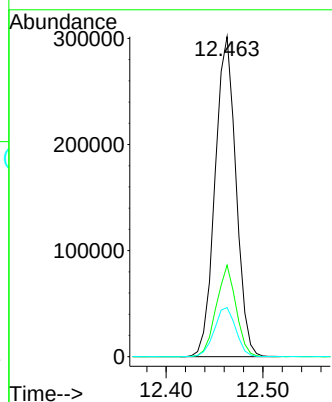
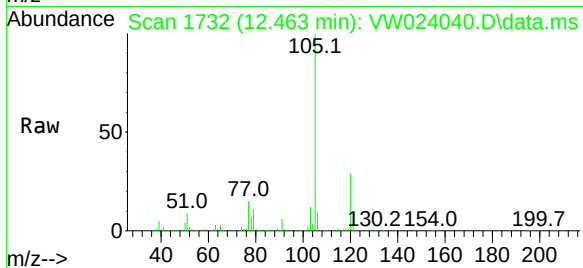
Tgt Ion:105 Resp: 452610

Ion Ratio Lower Upper

105 100

120 27.1 20.7 31.1

77 15.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 28.786 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

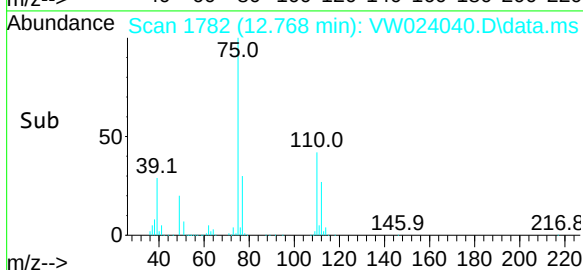
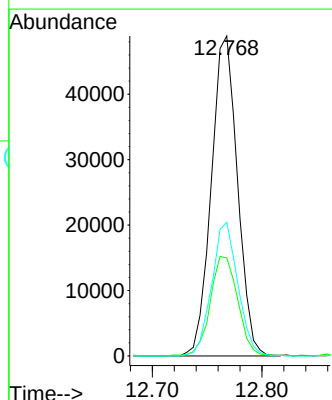
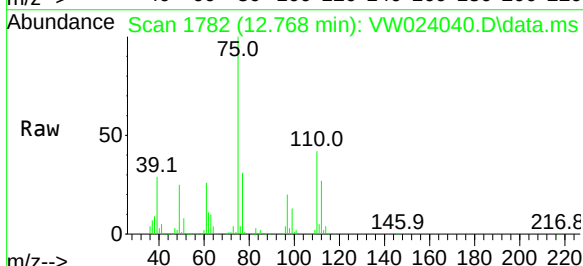
Tgt Ion: 75 Resp: 81197

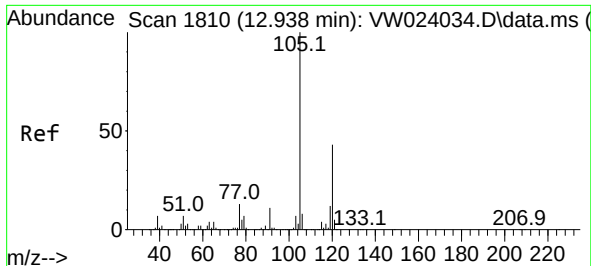
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

110 41.7 31.9 47.9

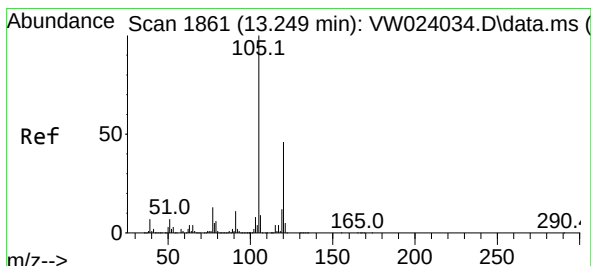
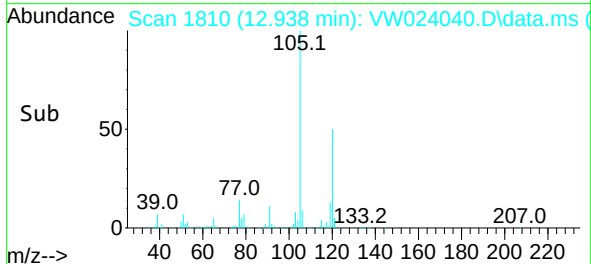
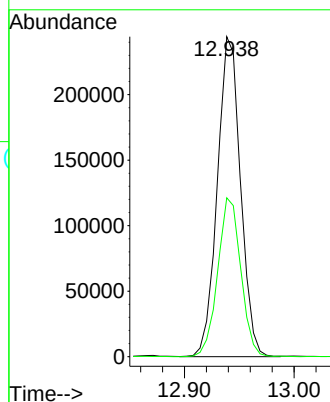
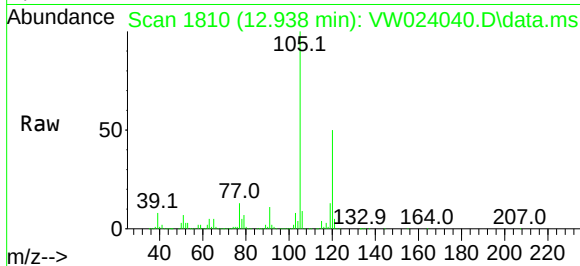




#62
 1,3,5-Trimethylbenzene
 Concen: 25.415 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

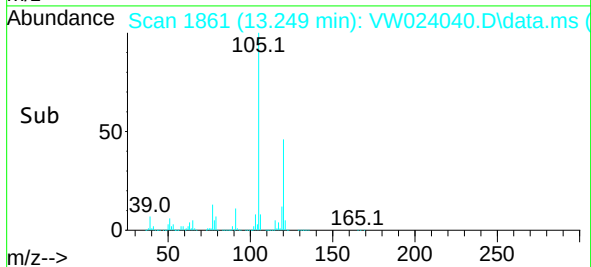
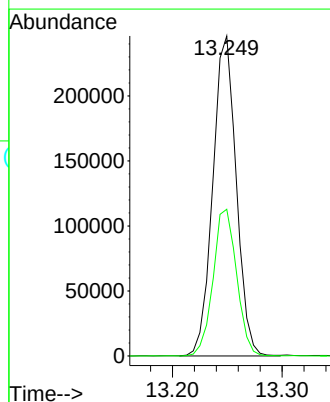
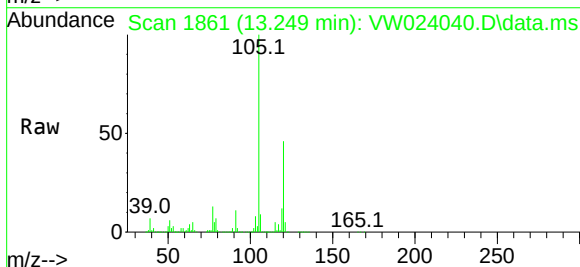
Instrument :
 MSVOA_W
 ClientSampleId :
 DBUK4MS

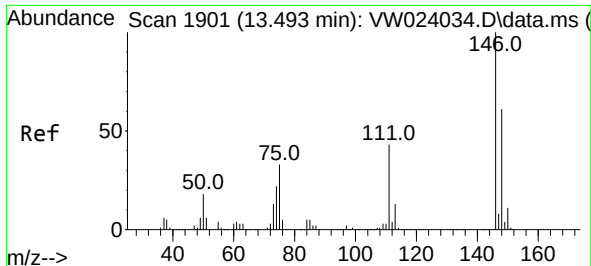
Tgt Ion:105 Resp: 359553
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 25.799 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024040.D
 Acq: 23 Jul 2022 08:39

Tgt Ion:105 Resp: 364924
 Ion Ratio Lower Upper
 105 100
 120 46.1 35.5 53.3

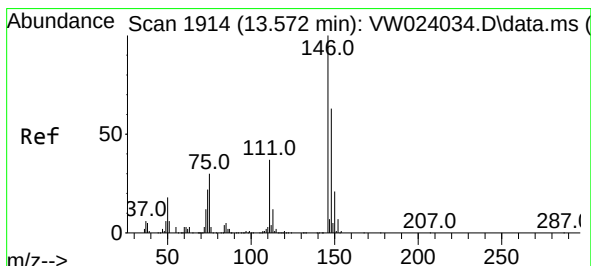
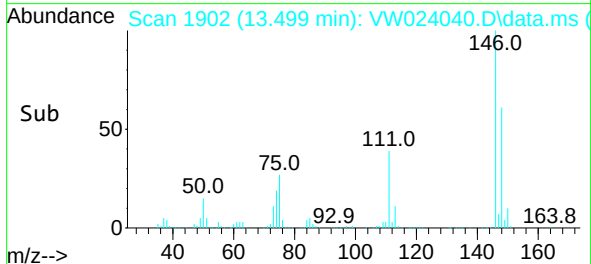
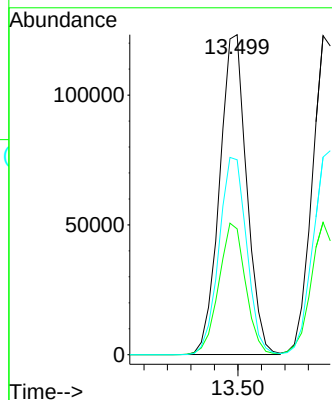
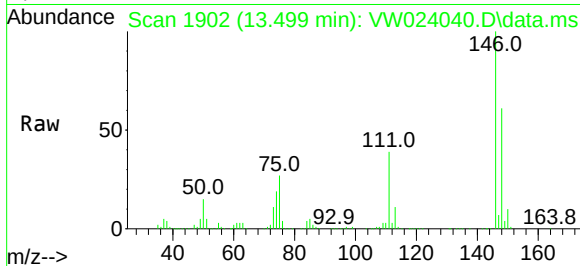




#64
1,3-Dichlorobenzene
Concen: 25.196 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

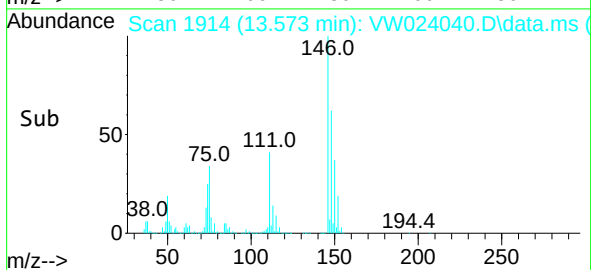
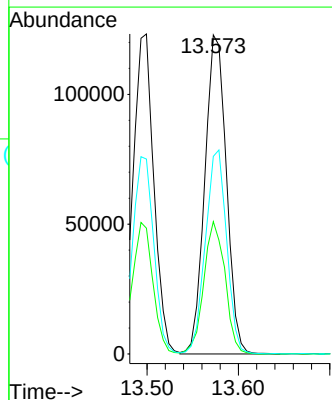
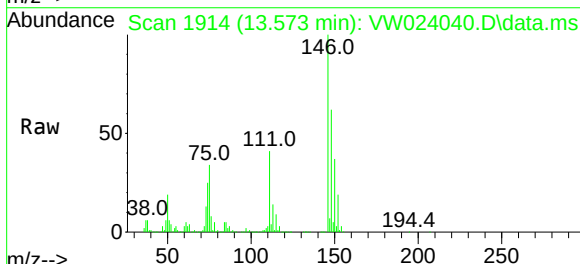
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

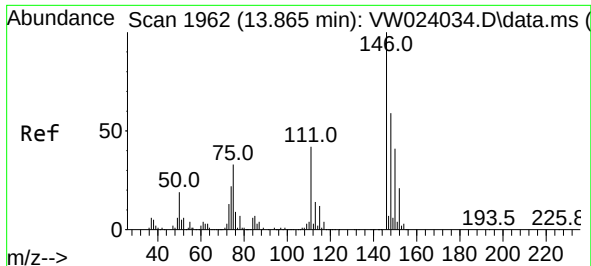
Tgt Ion:146 Resp: 197683
Ion Ratio Lower Upper
146 100
111 39.3 28.6 53.2
148 60.9 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.121 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:146 Resp: 201341
Ion Ratio Lower Upper
146 100
111 41.5 29.4 54.6
148 61.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.935 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

DBUK4MS

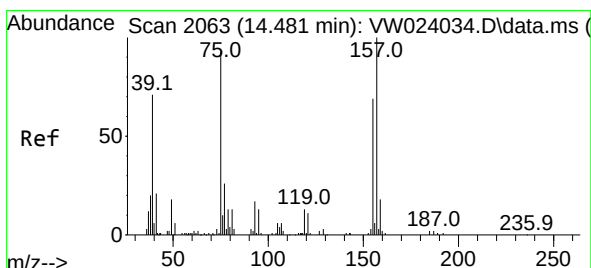
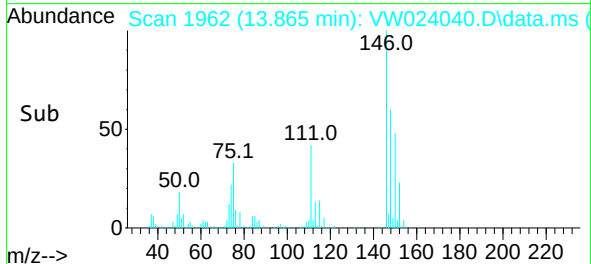
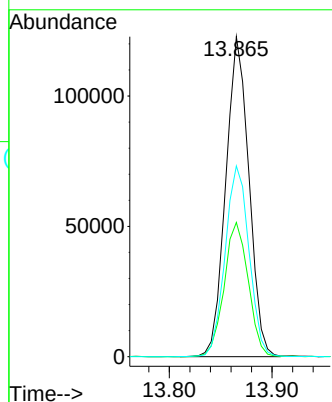
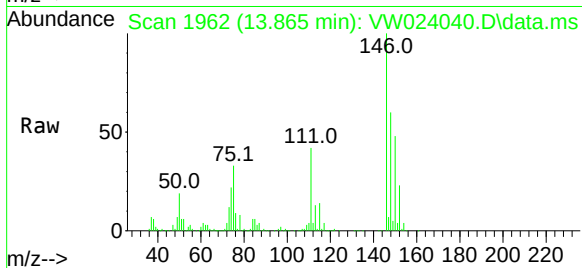
Tgt Ion:146 Resp: 191903

Ion Ratio Lower Upper

146 100

111 42.0 35.9 53.9

148 59.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.947 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024040.D

Acq: 23 Jul 2022 08:39

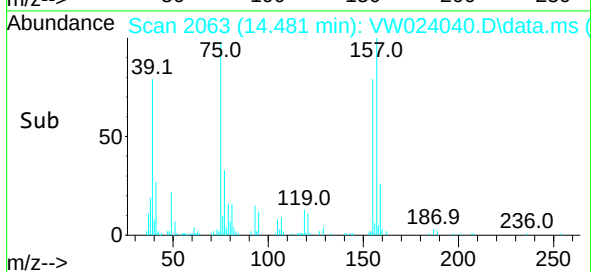
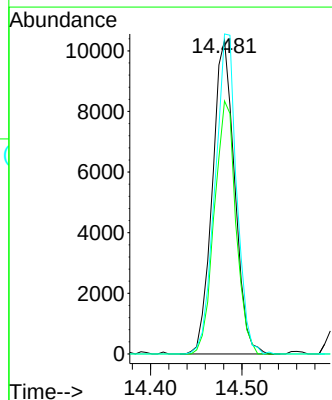
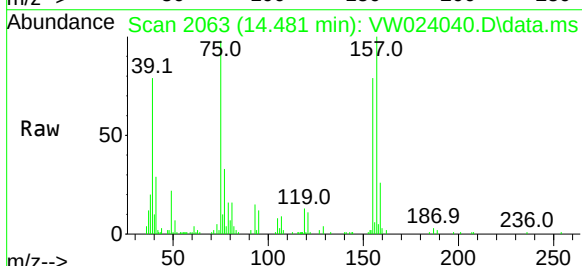
Tgt Ion: 75 Resp: 17531

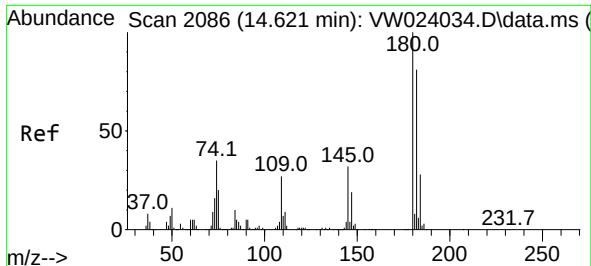
Ion Ratio Lower Upper

75 100

155 80.6 51.7 77.5#

157 102.0 63.5 95.3#

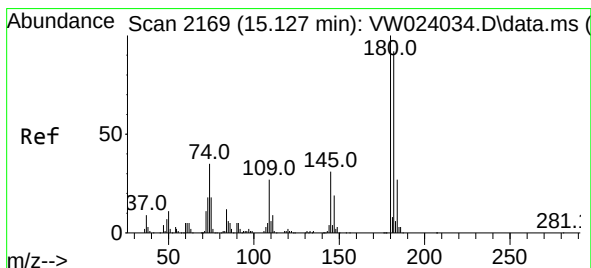
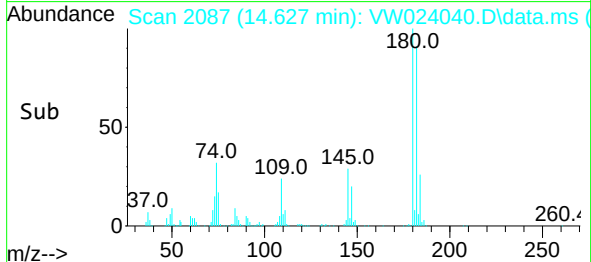
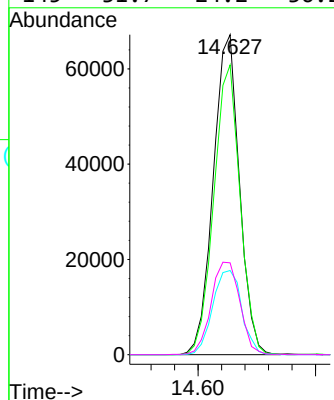
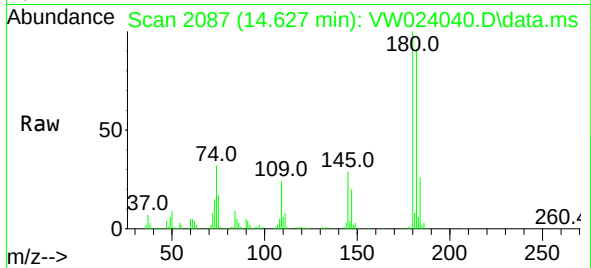




#69
1,3,5-Trichlorobenzene
Concen: 20.010 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

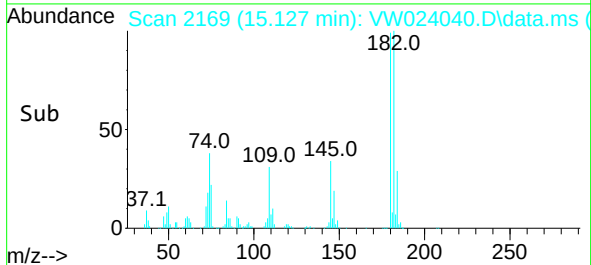
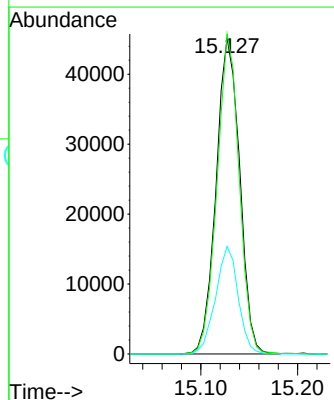
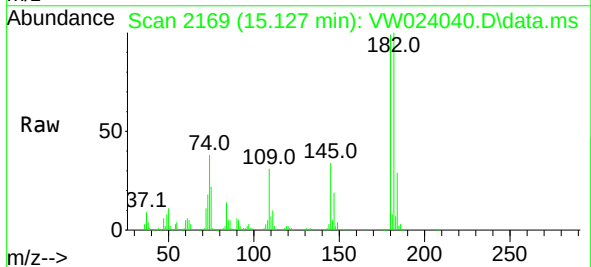
Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

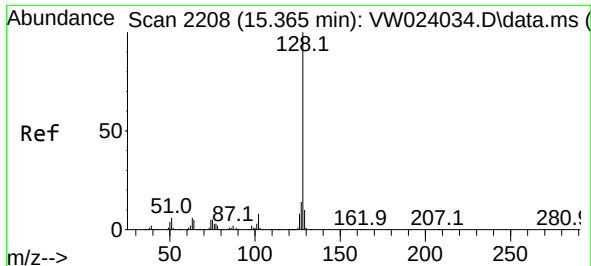
Tgt Ion:180	Resp:	103916
Ion Ratio	Lower	Upper
180	100	
182	90.6	70.2 105.2
184	29.2	22.6 34.0
145	31.7	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 19.062 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:180	Resp:	76438
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.5 116.3
145	32.5	26.3 39.5

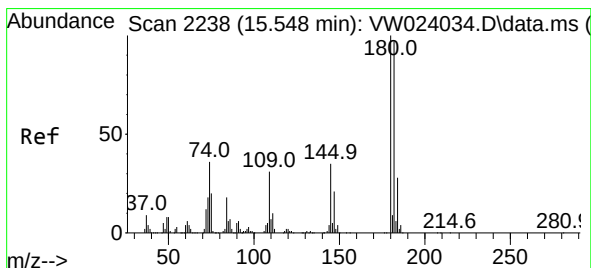
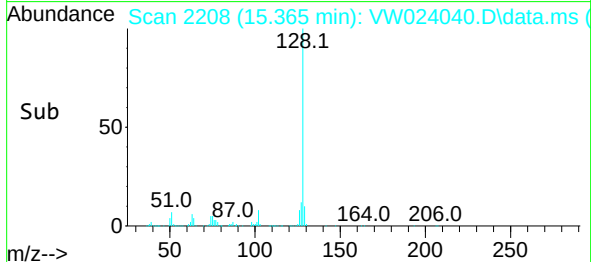
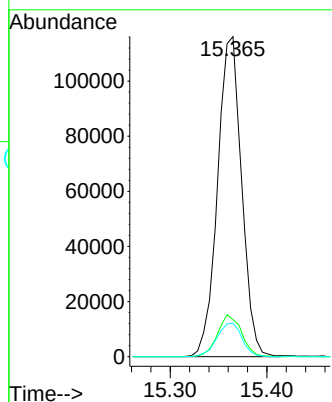
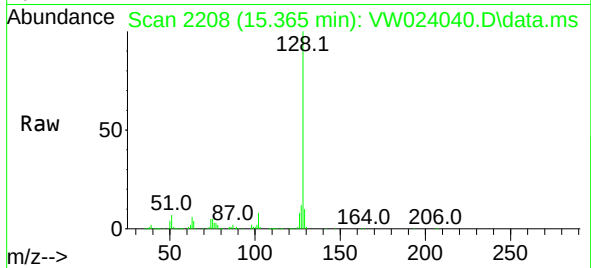




#71
Naphthalene
Concen: 23.337 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

Tgt Ion:128 Resp: 200744
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 19.127 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024040.D
Acq: 23 Jul 2022 08:39

Tgt Ion:180 Resp: 71491
Ion Ratio Lower Upper
180 100
182 92.5 76.3 114.5
145 34.1 27.8 41.6

