

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024944.D
 Acq On : 19 Oct 2022 17:57
 Operator : SY/VA
 Sample : N4757-06MSD
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MSD

Quant Time: Oct 20 02:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	452304	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147473	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121557	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
7) Chloroethane-d5	2.885	69	73309	23.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
11) 1,1-Dichloroethene-d2	4.025	63	257289	22.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.720%
21) 2-Butanone-d5	7.080	46	88981	52.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.260%
24) Chloroform-d	7.647	84	310503	24.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	163654	24.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.275	84	638315	27.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.160%
36) 1,2-Dichloropropane-d6	9.274	67	196030	27.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.280%
41) Toluene-d8	10.323	98	542274	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.573	79	75716	27.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.280%
47) 2-Hexanone-d5	10.920	63	70213	57.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145594	25.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	126587	23.489	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44103	21.794	ug/L	100
3) Chloromethane	2.221	50	103242	21.905	ug/L	100
5) Vinyl chloride	2.361	62	142041	22.090	ug/L	98
6) Bromomethane	2.776	94	65421	20.948	ug/L	91
8) Chloroethane	2.922	64	56038	20.916	ug/L	99
9) Trichlorofluoromethane	3.251	101	70758	22.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	127294	19.656	ug/L	97
12) 1,1-Dichloroethene	4.037	96	131484	21.457	ug/L	98
13) Acetone	4.123	43	84926	71.781	ug/L	99
14) Carbon disulfide	4.385	76	401364	20.052	ug/L	99
16) Methylene chloride	4.915	84	166377	20.833	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	141452	21.206	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	217527	21.946	ug/L	99
19) 1,1-Dichloroethane	6.214	63	262480	21.270	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	152343	21.133	ug/L	98
22) 2-Butanone	7.171	43	98599	49.955	ug/L	98
23) Bromochloromethane	7.512	128	63903	21.672	ug/L	94
25) Chloroform	7.677	83	257194	21.233	ug/L	98
27) 1,2-Dichloroethane	8.396	62	161723	20.647	ug/L	99

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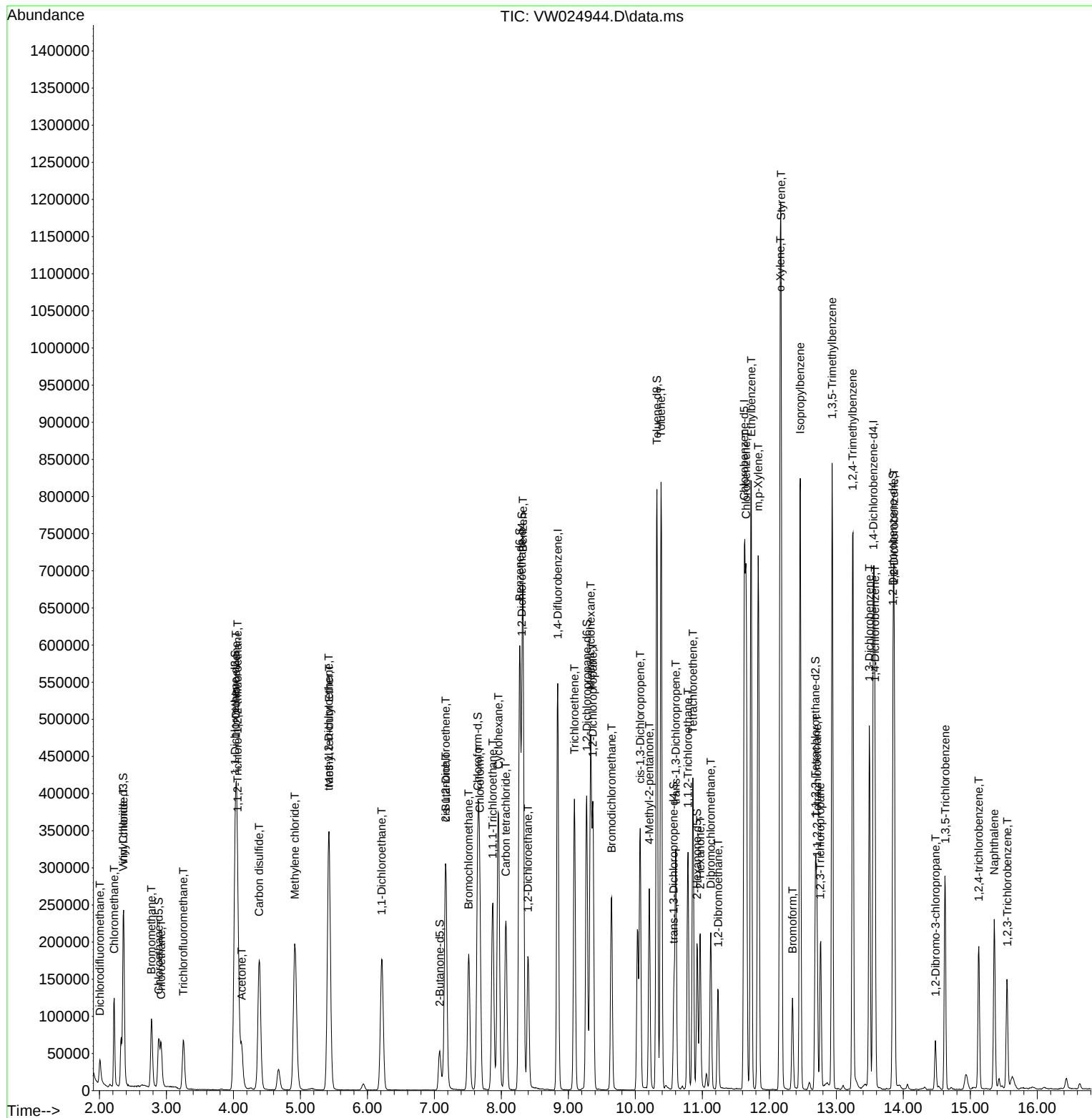
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	225362	20.611	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	204457	23.614	ug/L	99
31) Carbon tetrachloride	8.067	117	177897	23.401	ug/L	99
33) Benzene	8.323	78	594183	23.198	ug/L	100
34) Trichloroethene	9.091	95	144448	22.393	ug/L	96
35) Methylcyclohexane	9.335	83	194483	16.753	ug/L	99
37) 1,2-Dichloropropane	9.366	63	145074	22.727	ug/L	100
38) Bromodichloromethane	9.646	83	180779	22.921	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	213085	23.095	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	173158	45.896	ug/L	99
42) Toluene	10.384	91	584317	22.250	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	176932	23.097	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	100607	22.564	ug/L	97
46) Tetrachloroethene	10.859	164	88419	20.159	ug/L	90
48) 2-Hexanone	10.969	43	135250	52.872	ug/L	99
49) Dibromochloromethane	11.128	129	108966	22.077	ug/L	94
50) 1,2-Dibromoethane	11.237	107	94016	22.383	ug/L	99
51) Chlorobenzene	11.652	112	346705	21.006	ug/L	99
52) Ethylbenzene	11.731	91	607254	20.650	ug/L	97
53) m,p-Xylene	11.835	106	227355	20.349	ug/L	97
54) o-Xylene	12.164	106	222308	20.898	ug/L	99
55) Styrene	12.176	104	373654	20.479	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115827	21.292	ug/L	98
59) Bromoform	12.347	173	53491	27.107	ug/L #	99
60) Isopropylbenzene	12.463	105	543493	22.847	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	86577	26.700	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	442095	21.646	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	425085	21.586	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	182203	18.807	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	192791	19.659	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	173574	20.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17131	24.306	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	82162	12.989	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	57509	11.206	ug/L	97
71) Naphthalene	15.359	128	191853	17.253	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	45821	10.460	ug/L	99

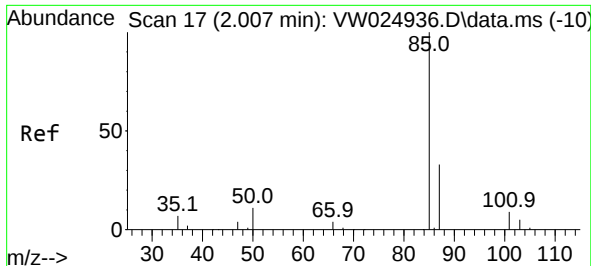
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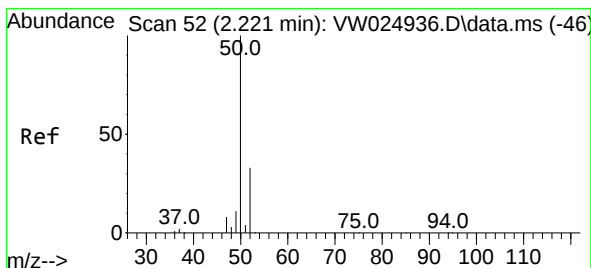
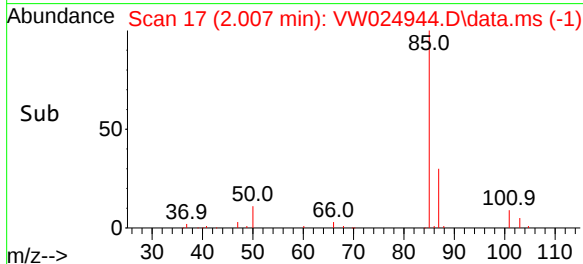
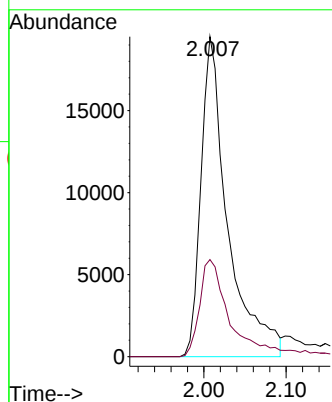
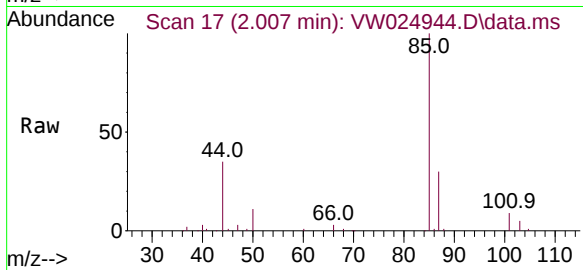




#2
 Dichlorodifluoromethane
 Concen: 21.794 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

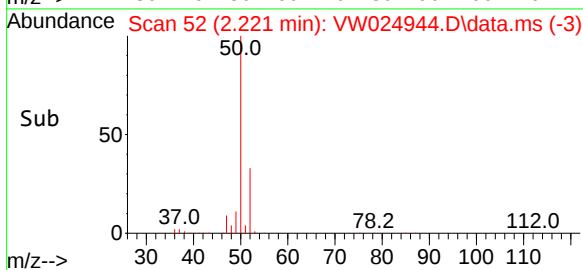
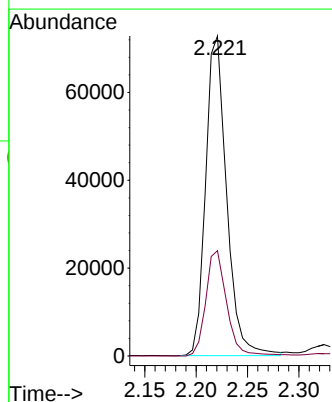
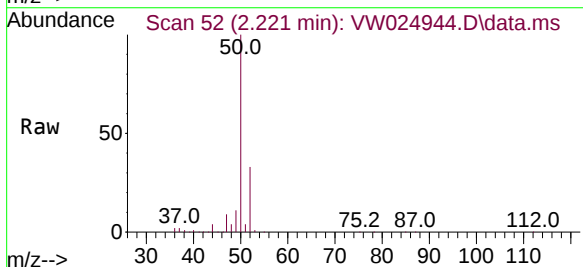
Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MSD

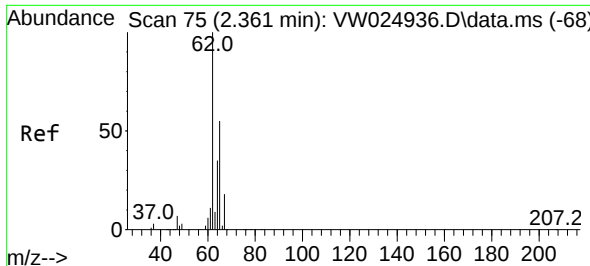
Tgt Ion: 85 Resp: 44103
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.8 40.2



#3
 Chloromethane
 Concen: 21.905 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

Tgt Ion: 50 Resp: 103242
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

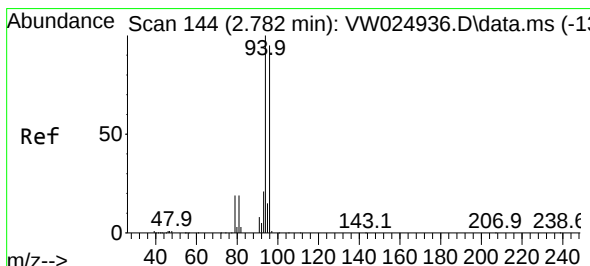
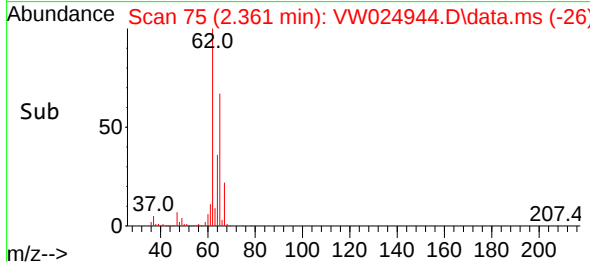
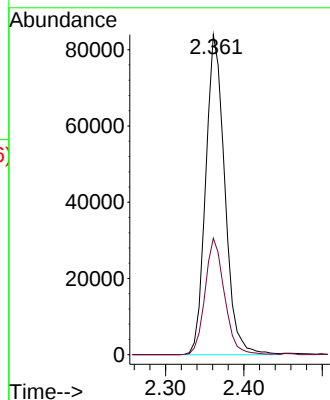
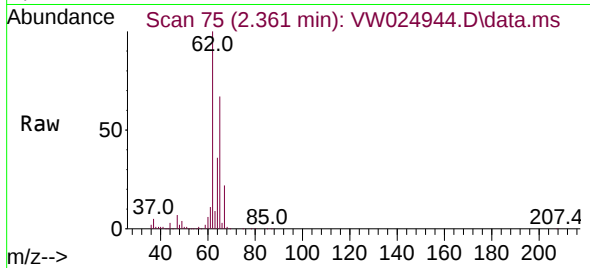




#5
 Vinyl chloride
 Concen: 22.090 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

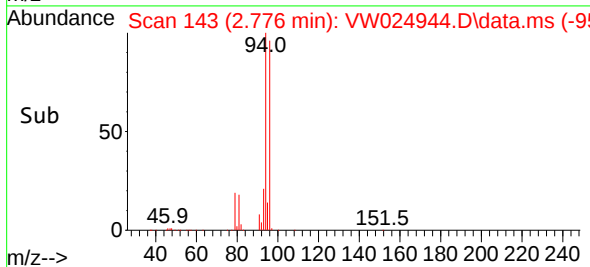
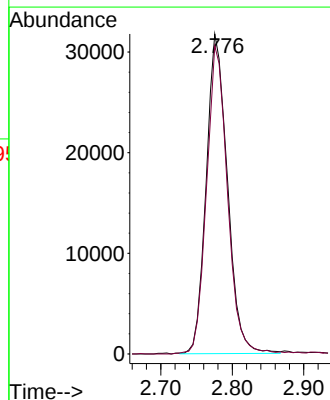
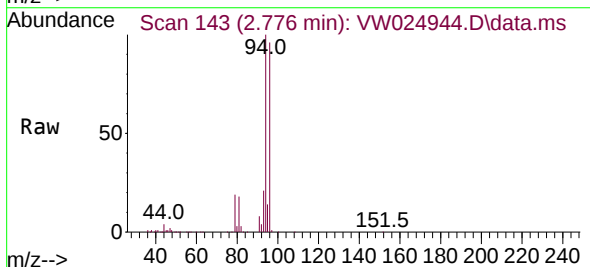
Instrument :
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 ClientSampleId :
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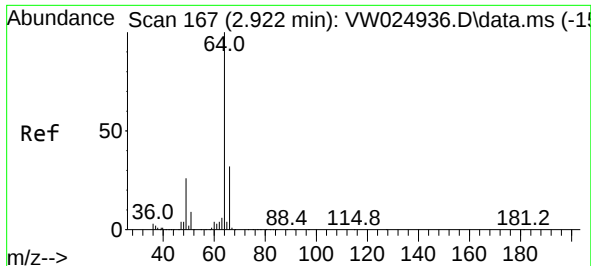
Tgt Ion: 62 Resp: 142041
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.7 45.9



#6
 Bromomethane
 Concen: 20.948 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

Tgt Ion: 94 Resp: 65421
 Ion Ratio Lower Upper
 94 100
 96 96.3 61.4 114.0

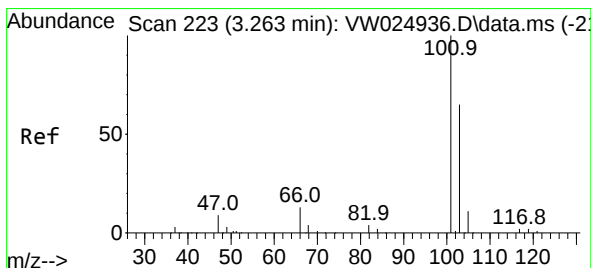
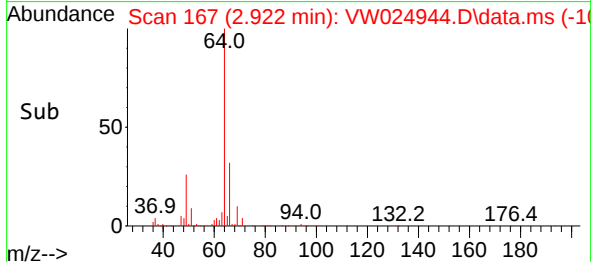
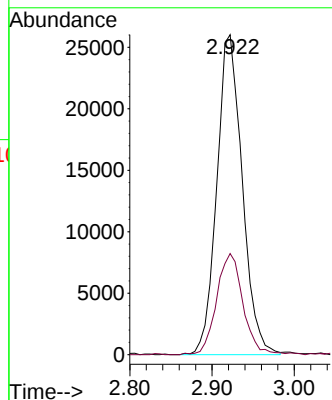
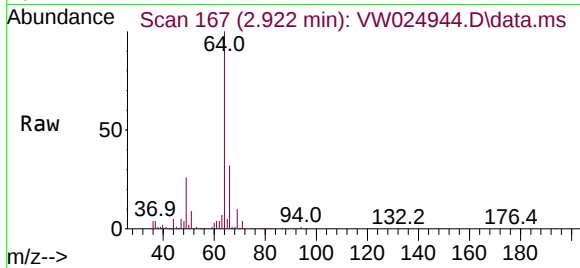




#8
Chloroethane
Concen: 20.916 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

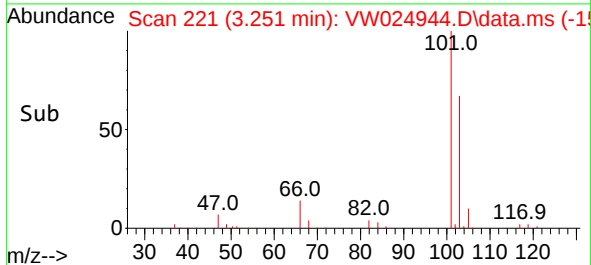
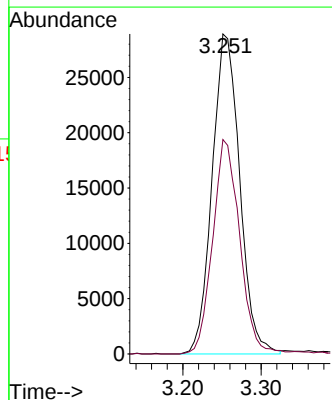
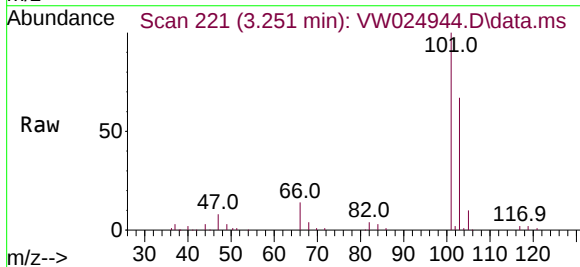
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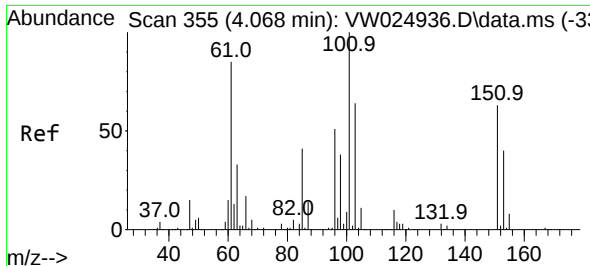
Tgt Ion: 64 Resp: 56038
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.246 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 101 Resp: 70758
Ion Ratio Lower Upper
101 100
103 65.6 52.9 79.3

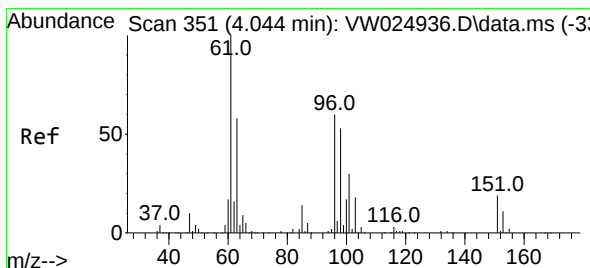
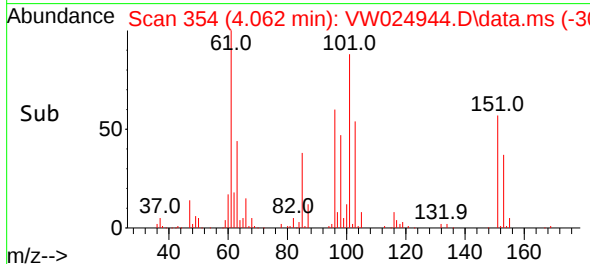
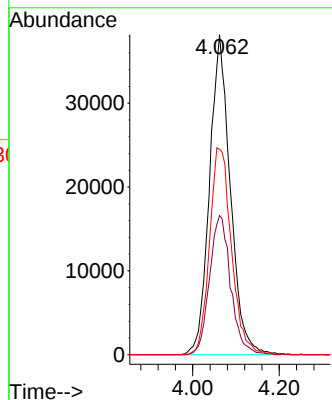
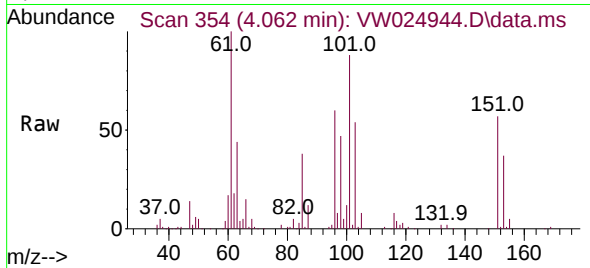




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.656 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

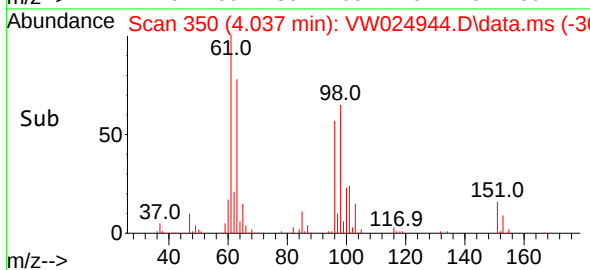
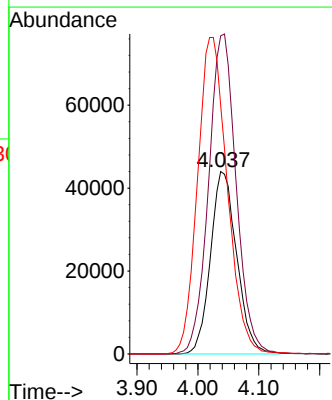
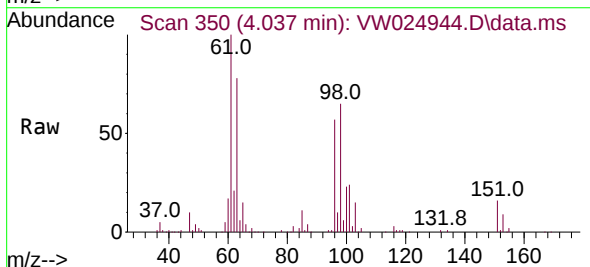
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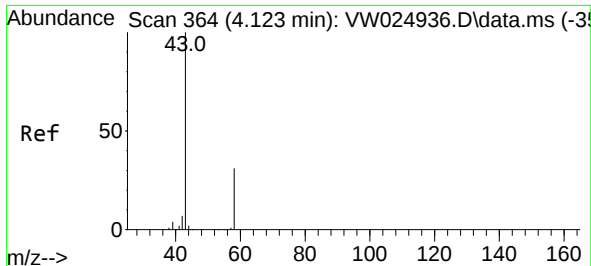
Tgt Ion:101 Resp: 127294
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.6 50.4
 151 68.0 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 21.457 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

Tgt Ion: 96 Resp: 131484
 Ion Ratio Lower Upper
 96 100
 61 174.3 122.4 227.2
 63 136.3 92.1 171.1





#13

Acetone

Concen: 71.781 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

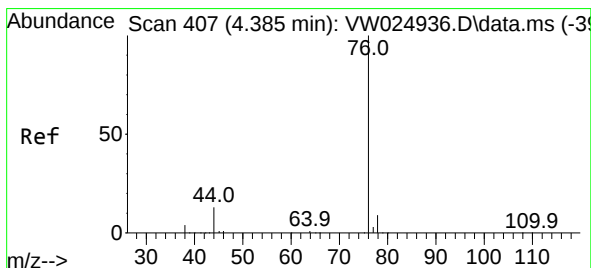
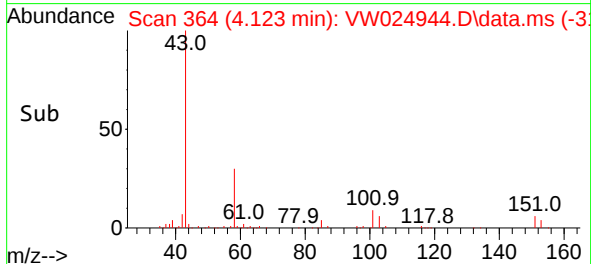
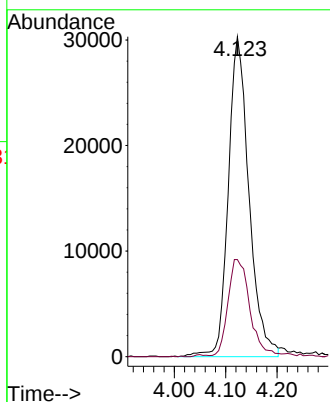
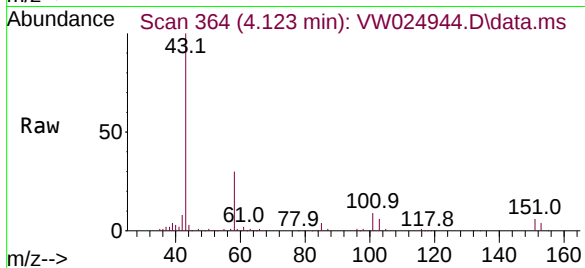
DBWK1MSD

Tgt Ion: 43 Resp: 84926

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.2



#14

Carbon disulfide

Concen: 20.052 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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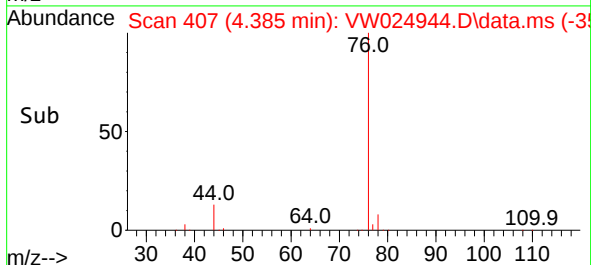
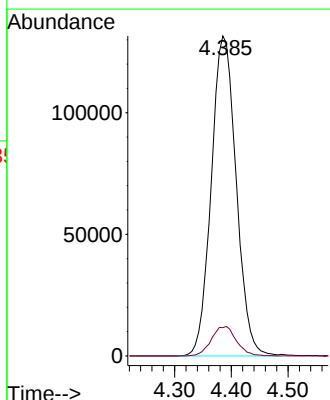
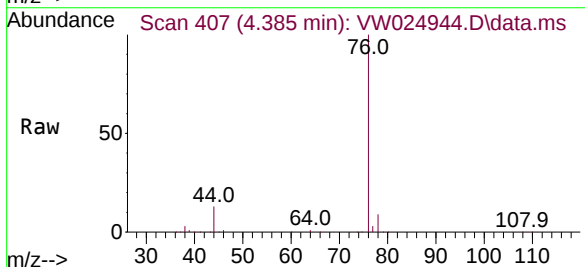
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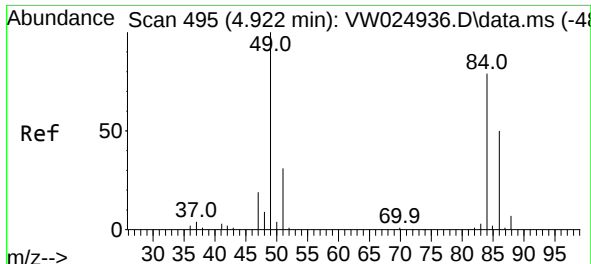
Tgt Ion: 76 Resp: 401364

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

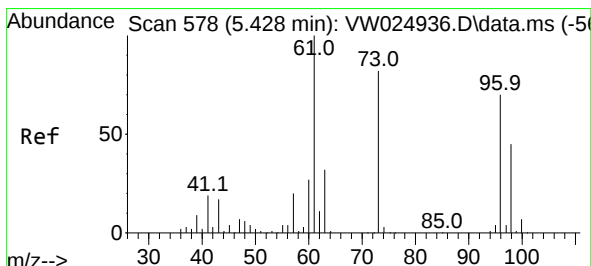
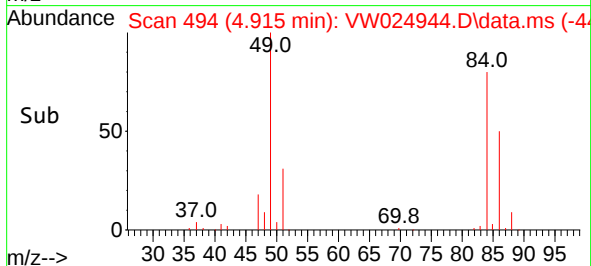
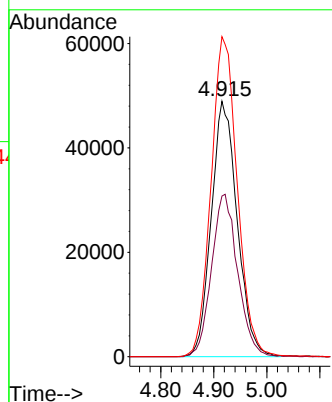
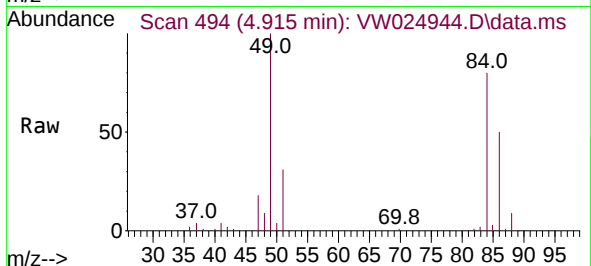




#16
Methylene chloride
Concen: 20.833 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

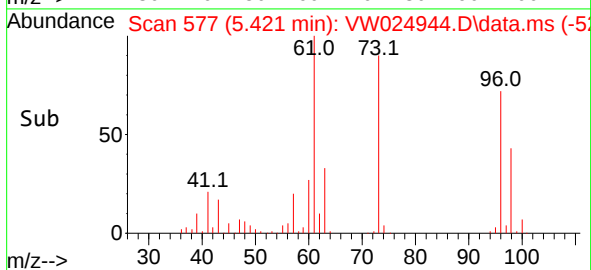
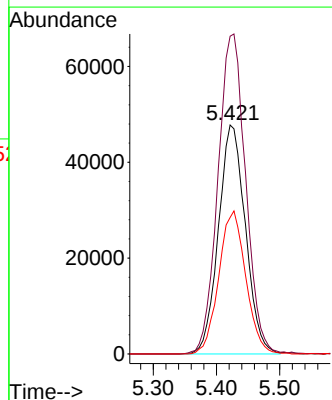
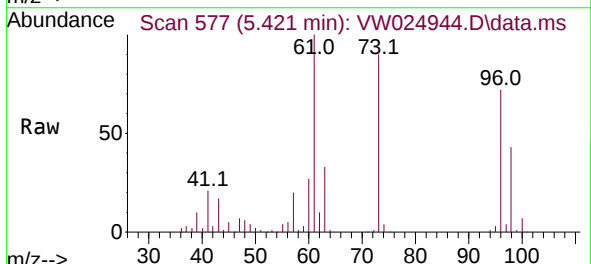
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

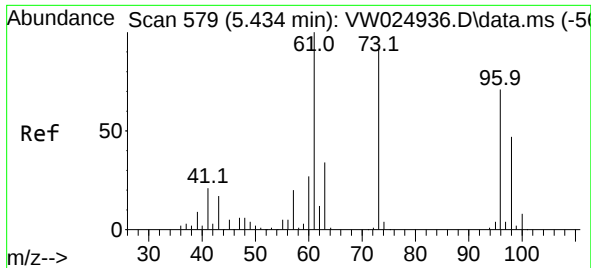
Tgt Ion: 84 Resp: 166377
Ion Ratio Lower Upper
84 100
86 62.9 45.5 84.5
49 125.3 90.9 168.9



#17
trans-1,2-Dichloroethene
Concen: 21.206 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

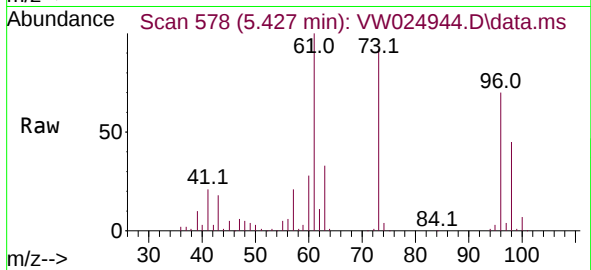
Tgt Ion: 96 Resp: 141452
Ion Ratio Lower Upper
96 100
61 138.8 102.2 189.8
98 59.6 44.6 82.8





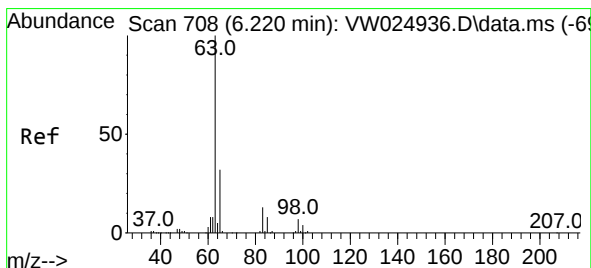
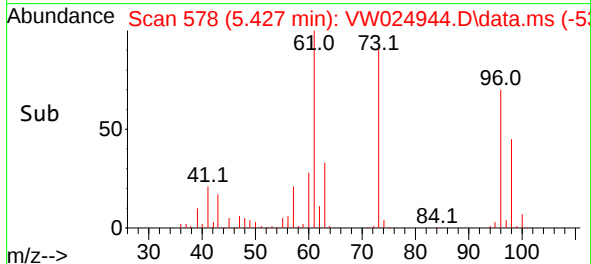
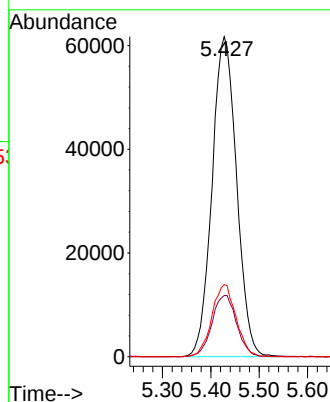
#18
Methyl tert-butyl Ether
Concen: 21.946 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD



Tgt Ion: 73 Resp: 217527

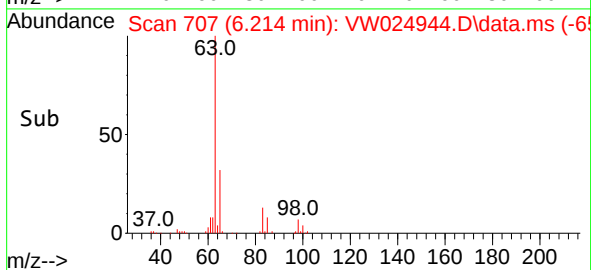
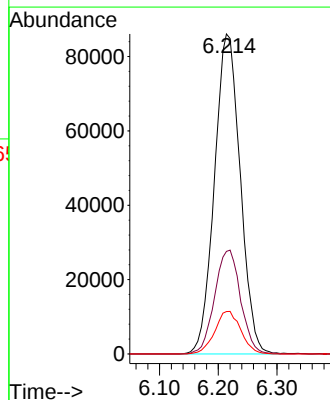
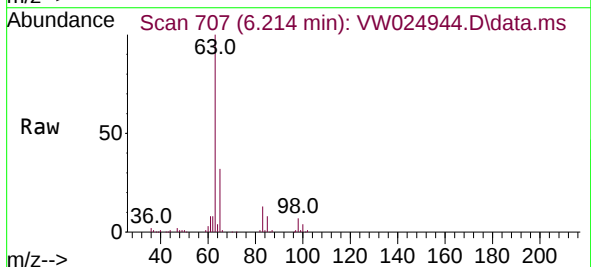
Ion	Ratio	Lower	Upper
73	100		
43	19.2	15.8	23.6
57	22.2	18.2	27.4

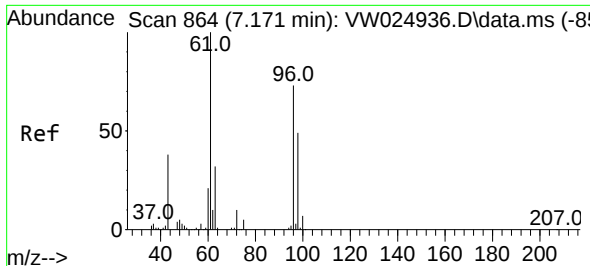


#19
1,1-Dichloroethane
Concen: 21.270 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 63 Resp: 262480

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	13.3	9.6	17.8

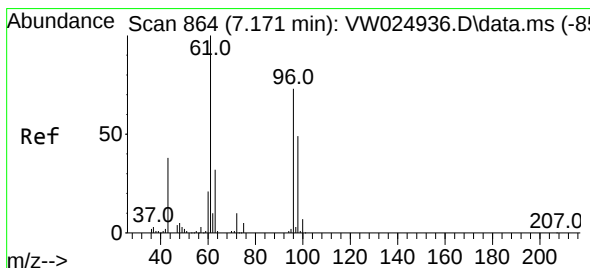
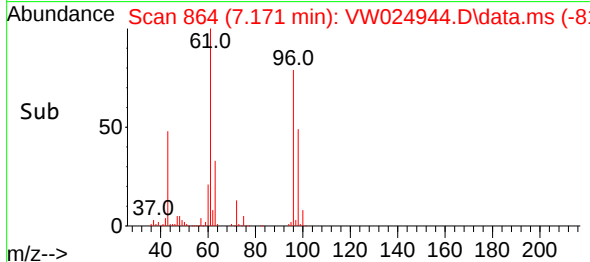
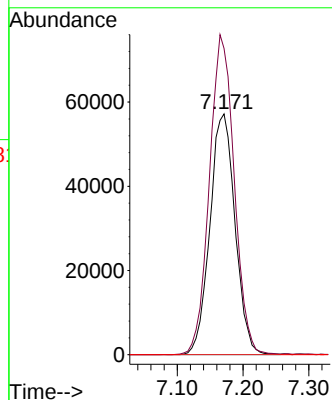
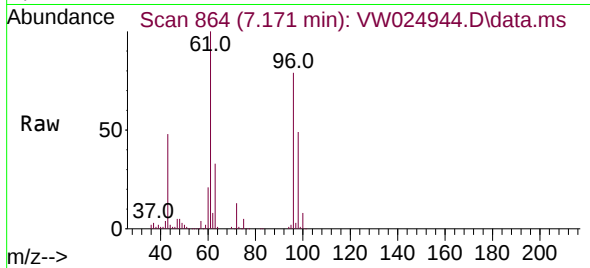




#20
 cis-1,2-Dichloroethene
 Concen: 21.133 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

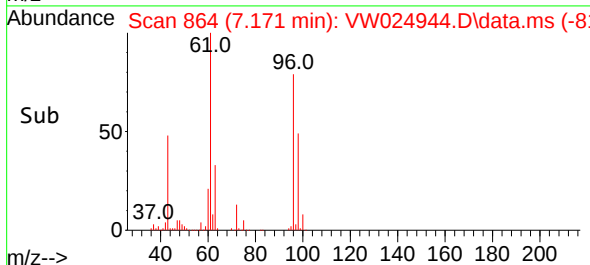
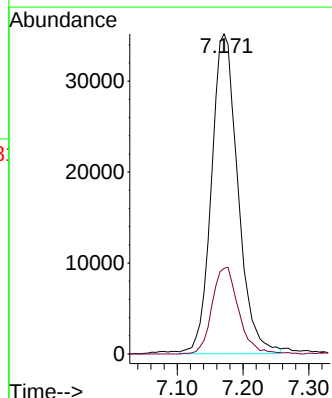
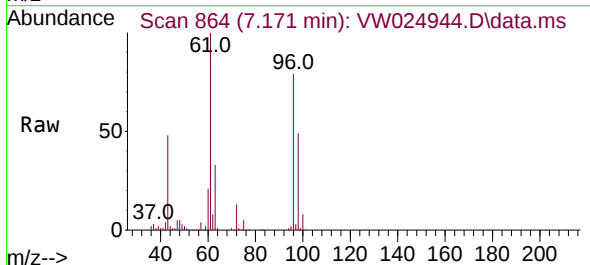
Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MSD

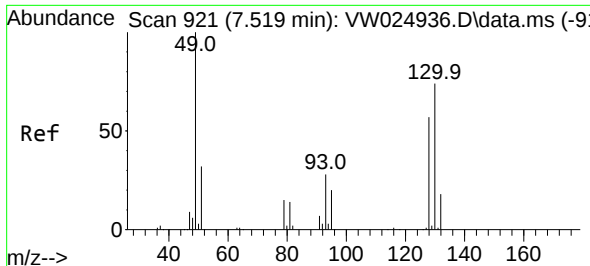
Tgt Ion: 96 Resp: 152343
 Ion Ratio Lower Upper
 96 100
 61 127.1 90.9 168.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 49.955 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

Tgt Ion: 43 Resp: 98599
 Ion Ratio Lower Upper
 43 100
 72 27.1 14.1 42.3

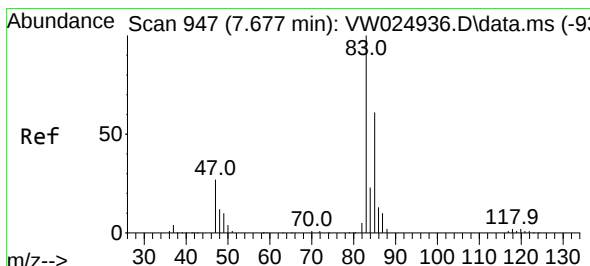
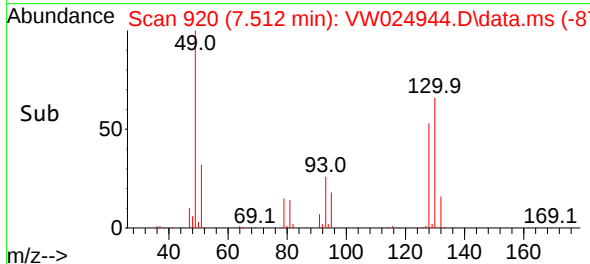
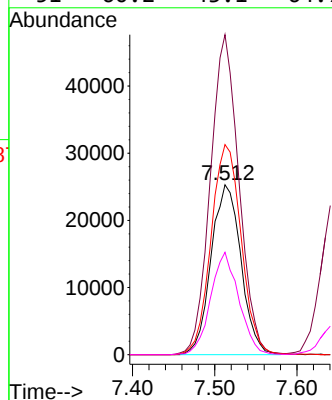
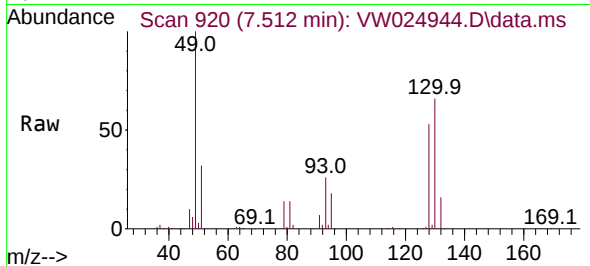




#23
Bromochloromethane
Concen: 21.672 ug/L
RT: 7.512 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

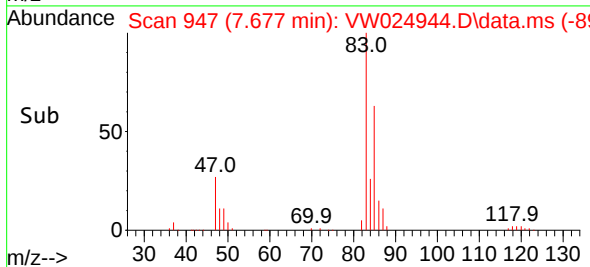
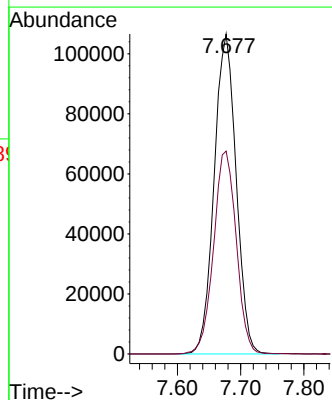
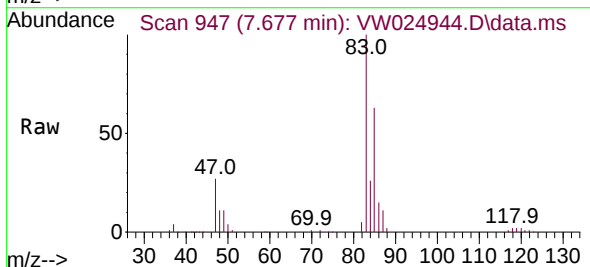
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

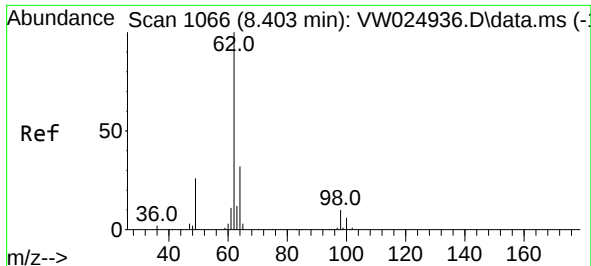
Tgt Ion:128 Resp: 63903
Ion Ratio Lower Upper
128 100
49 188.3 122.7 227.9
130 123.6 86.0 159.8
51 60.2 43.1 64.7



#25
Chloroform
Concen: 21.233 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 83 Resp: 257194
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1





#27

1,2-Dichloroethane

Concen: 20.647 ug/L

RT: 8.396 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

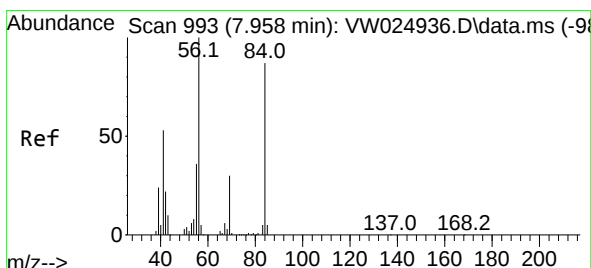
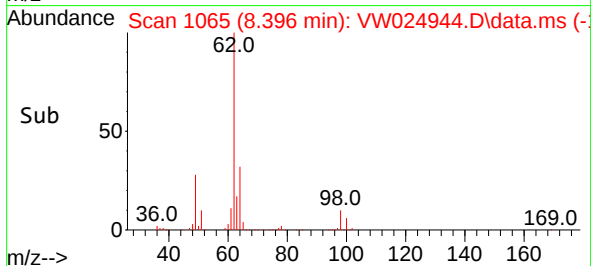
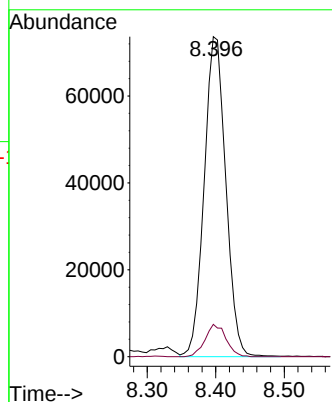
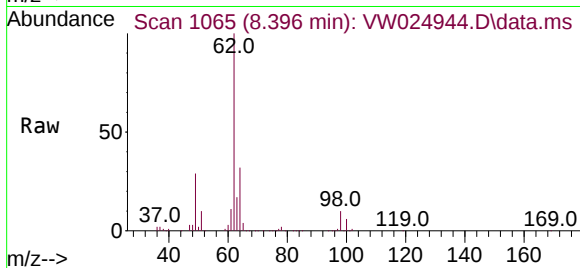
DBWK1MSD

Tgt Ion: 62 Resp: 161723

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.6



#29

Cyclohexane

Concen: 20.611 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

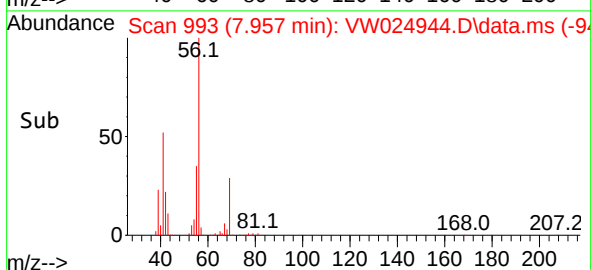
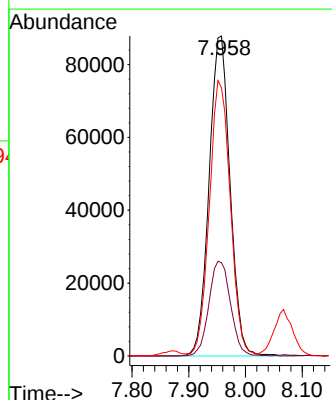
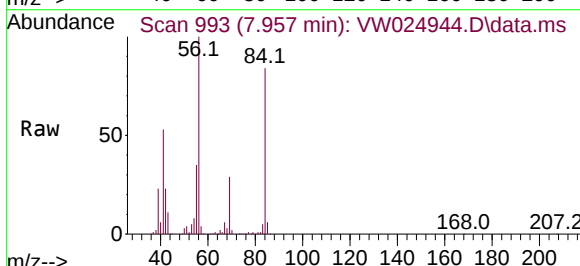
Tgt Ion: 56 Resp: 225362

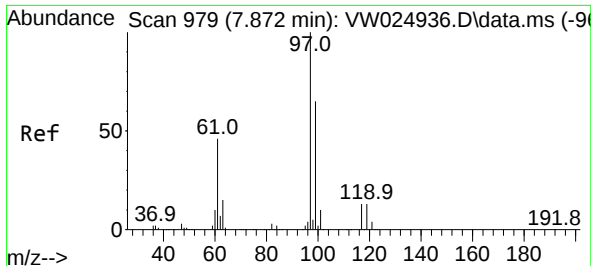
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 85.9 67.7 101.5





#30

1,1,1-Trichloroethane

Concen: 23.614 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MSD

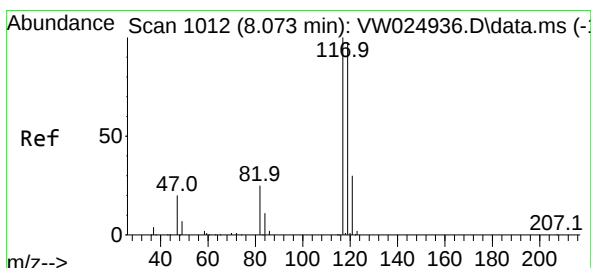
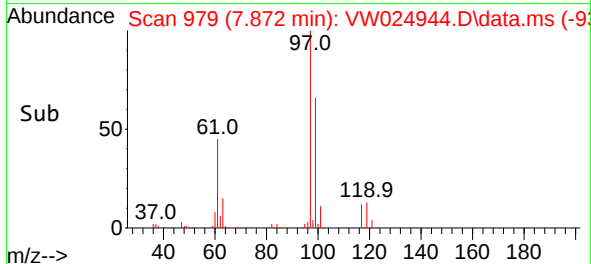
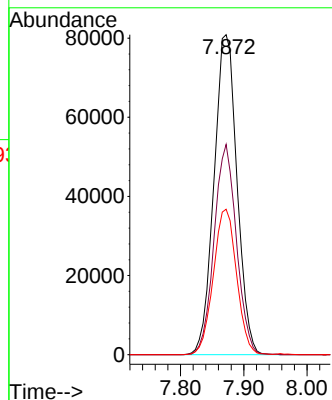
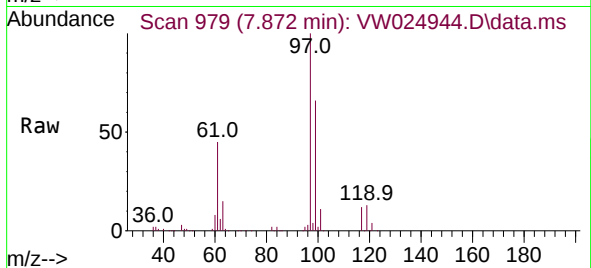
Tgt Ion: 97 Resp: 204457

Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 45.9 37.3 55.9



#31

Carbon tetrachloride

Concen: 23.401 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW024944.D

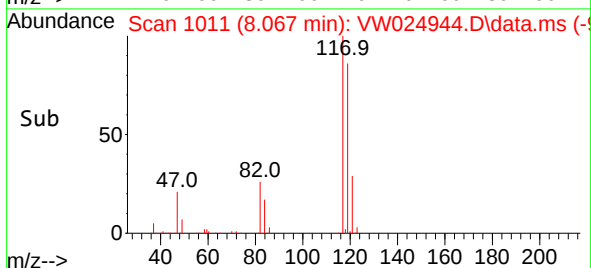
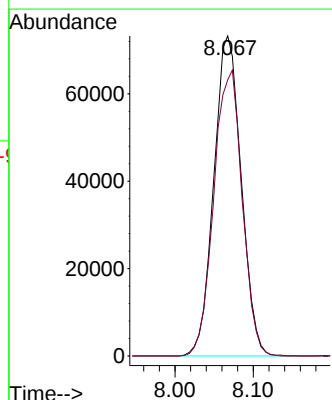
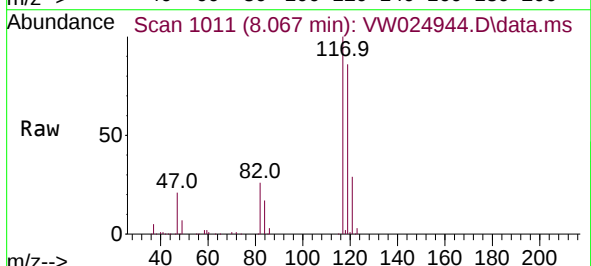
Acq: 19 Oct 2022 17:57

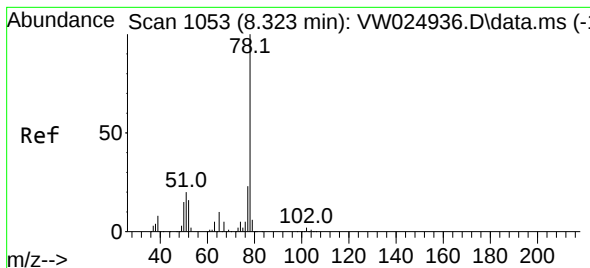
Tgt Ion: 117 Resp: 177897

Ion Ratio Lower Upper

117 100

119 92.5 75.1 112.7





#33

Benzene

Concen: 23.198 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

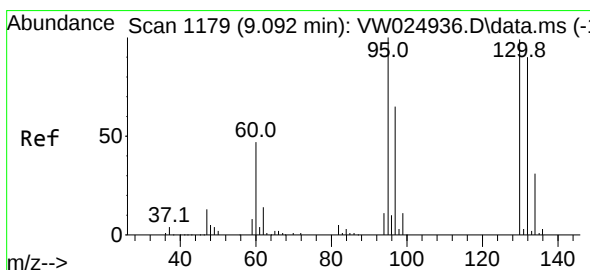
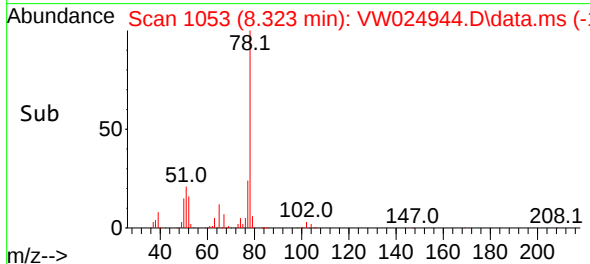
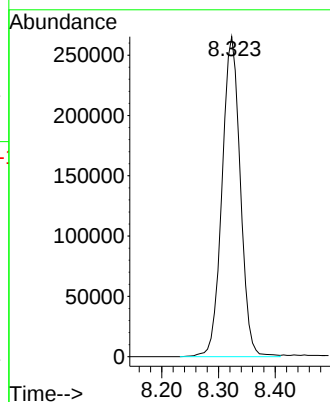
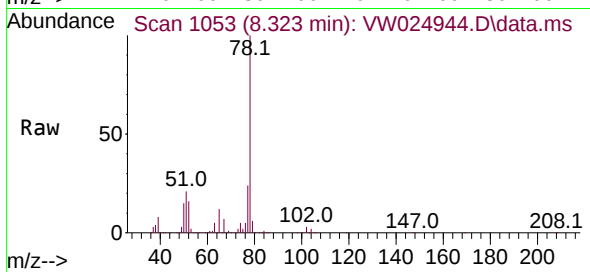
Instrument :

MSVOA_W

ClientSampleId :

DBWK1MSD

Tgt Ion: 78 Resp: 594183



#34

Trichloroethene

Concen: 22.393 ug/L

RT: 9.091 min Scan# 1179

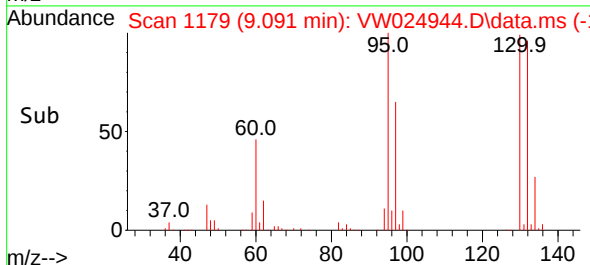
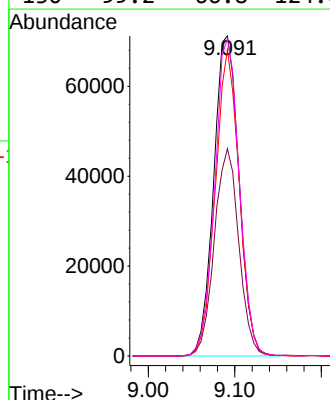
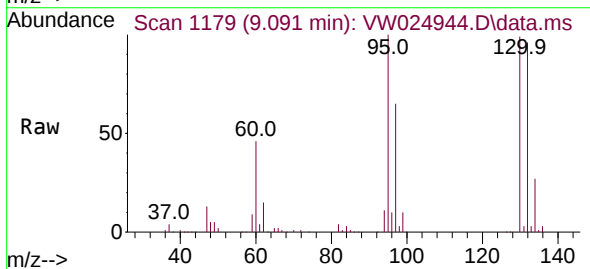
Delta R.T. -0.000 min

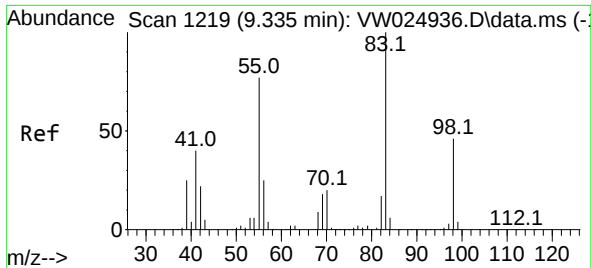
Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Tgt Ion: 95 Resp: 144448

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.2	82.0
132	95.7	62.9	116.7
130	99.2	66.8	124.0

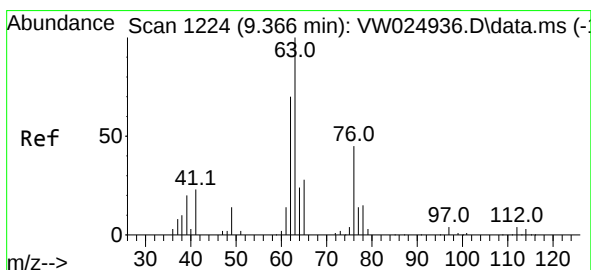
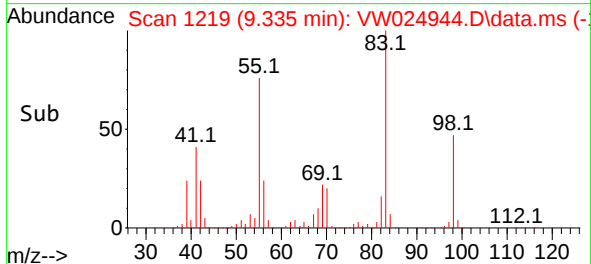
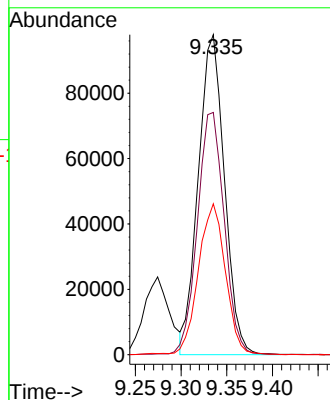
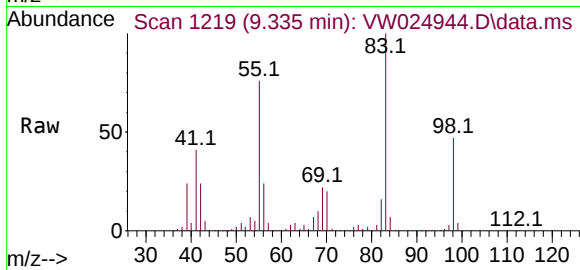




#35
Methylcyclohexane
Concen: 16.753 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

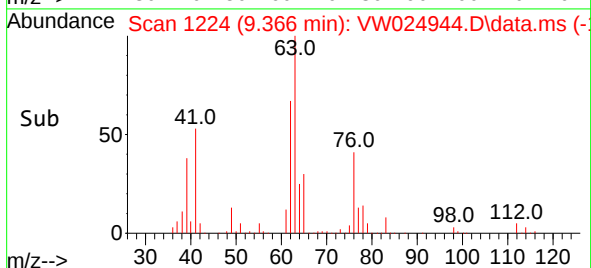
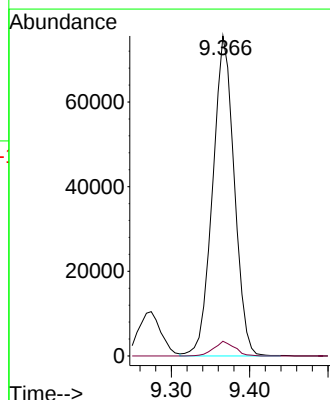
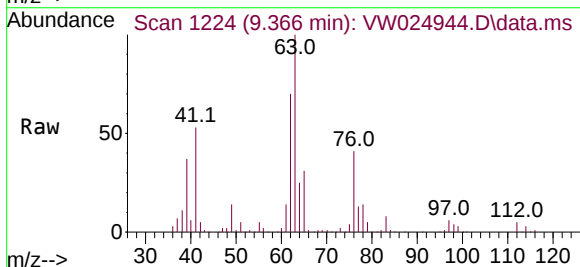
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

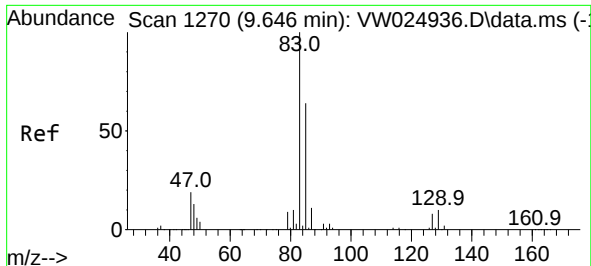
Tgt Ion: 83 Resp: 194483
Ion Ratio Lower Upper
83 100
55 77.8 62.5 93.7
98 48.7 37.2 55.8



#37
1,2-Dichloropropane
Concen: 22.727 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 63 Resp: 145074
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.2

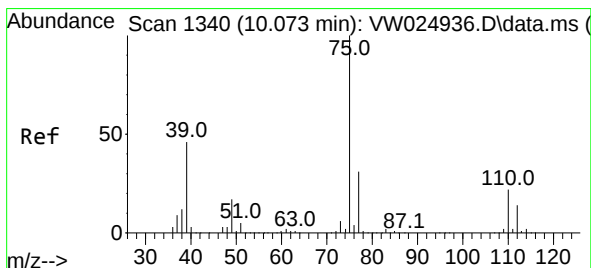
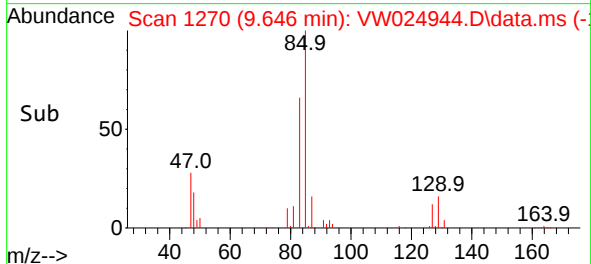
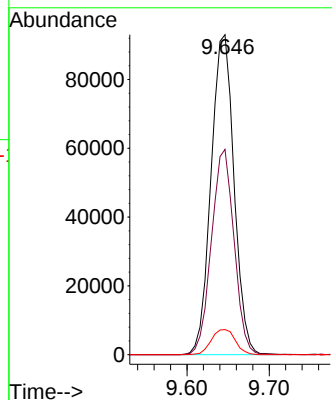
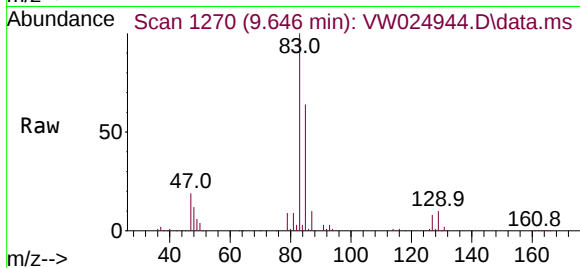




#38
Bromodichloromethane
Concen: 22.921 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

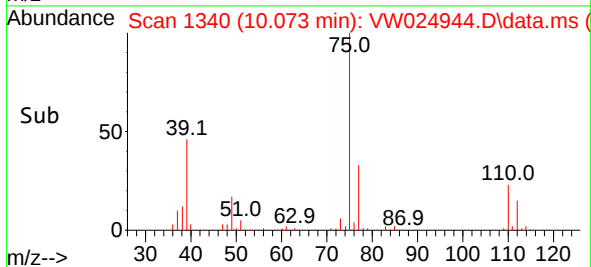
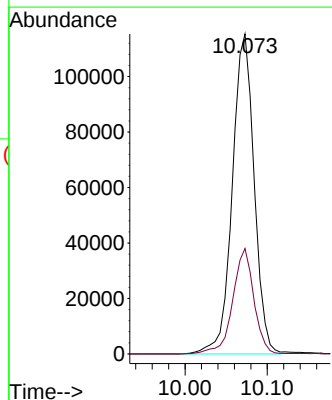
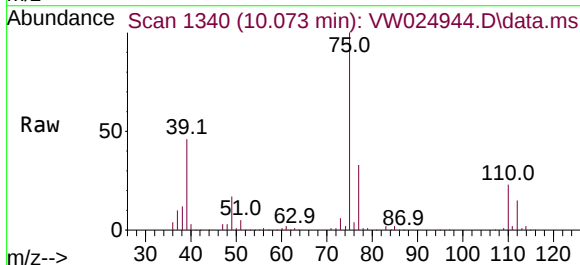
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

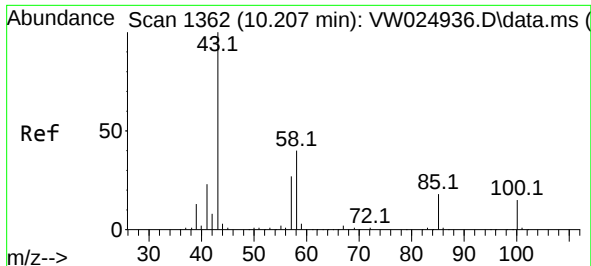
Tgt Ion: 83 Resp: 180779
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
127 7.9 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 23.095 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 75 Resp: 213085
Ion Ratio Lower Upper
75 100
77 33.0 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 45.896 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MSD

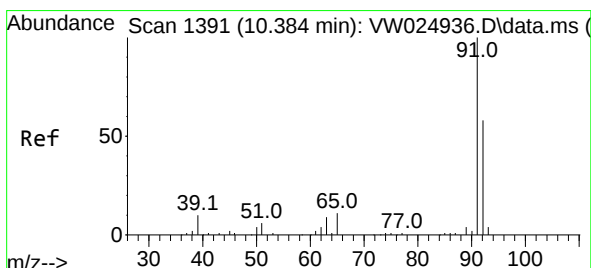
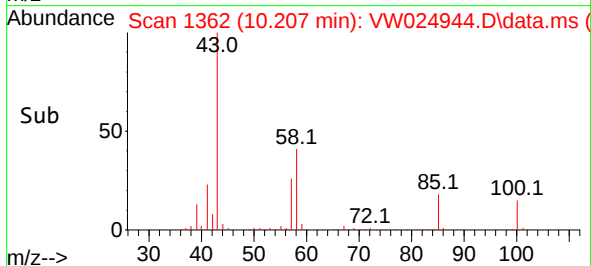
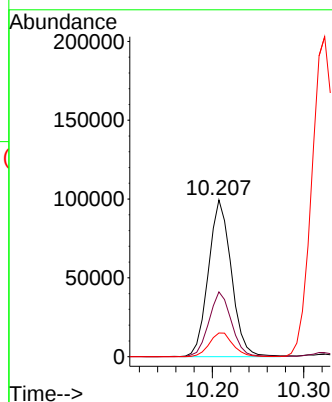
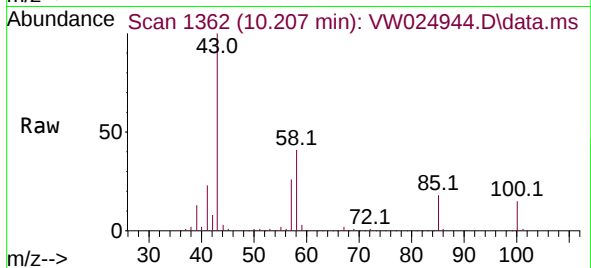
Tgt Ion: 43 Resp: 173158

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1

100 15.7 12.8 19.2



#42

Toluene

Concen: 22.250 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024944.D

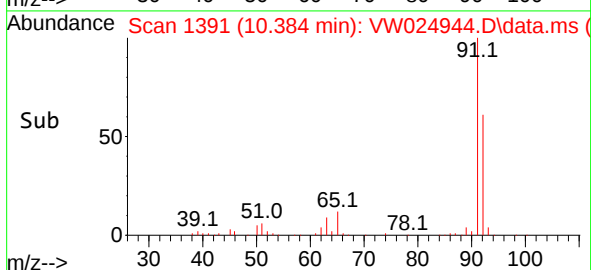
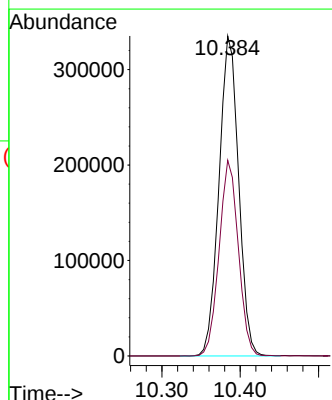
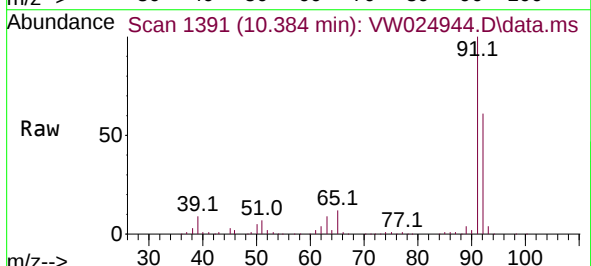
Acq: 19 Oct 2022 17:57

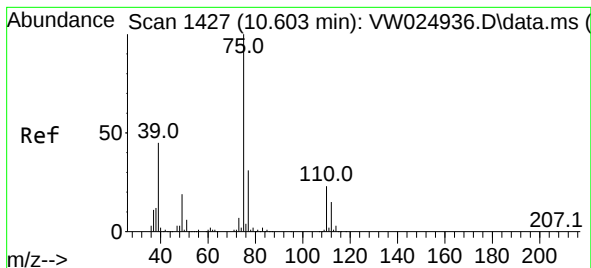
Tgt Ion: 91 Resp: 584317

Ion Ratio Lower Upper

91 100

92 61.1 41.5 77.1

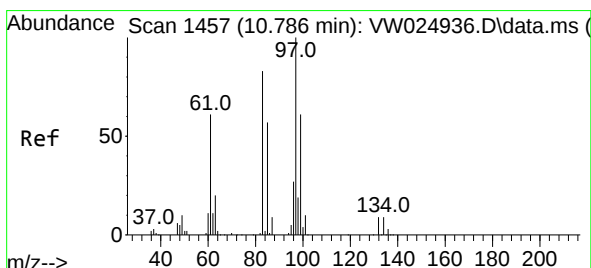
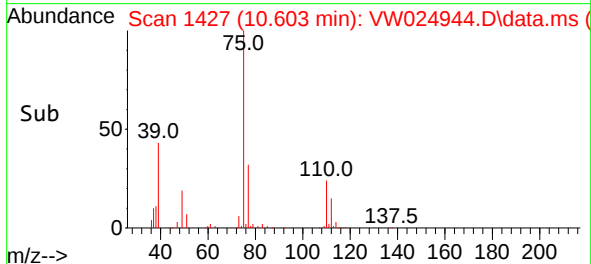
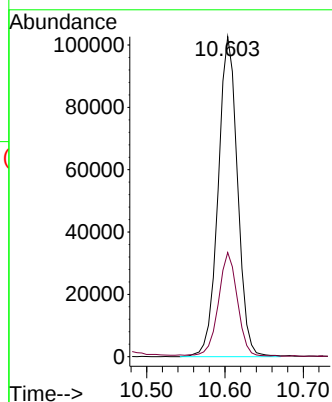
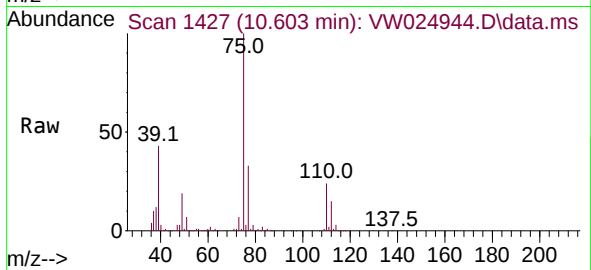




#44
trans-1,3-Dichloropropene
Concen: 23.097 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

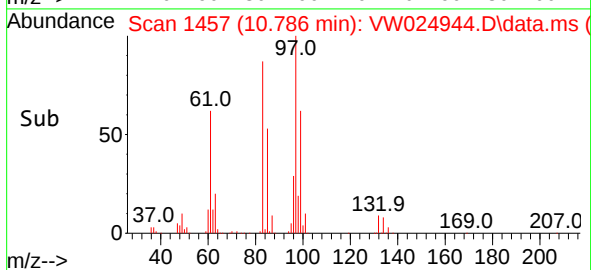
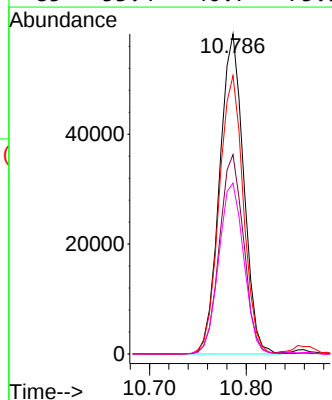
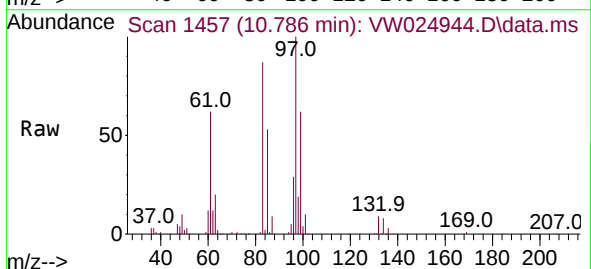
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

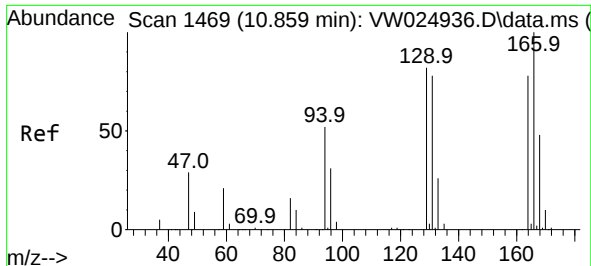
Tgt Ion: 75 Resp: 176932
Ion Ratio Lower Upper
75 100
77 32.5 23.0 42.6



#45
1,1,2-Trichloroethane
Concen: 22.564 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 97 Resp: 100607
Ion Ratio Lower Upper
97 100
99 62.3 44.7 83.1
83 87.0 59.6 110.8
85 53.4 40.7 75.5

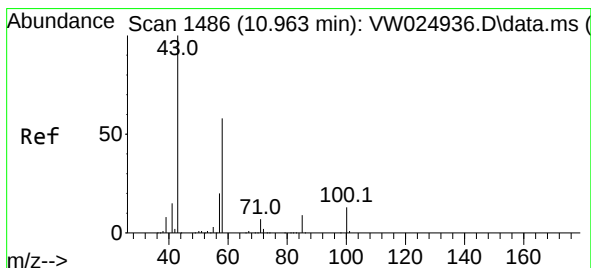
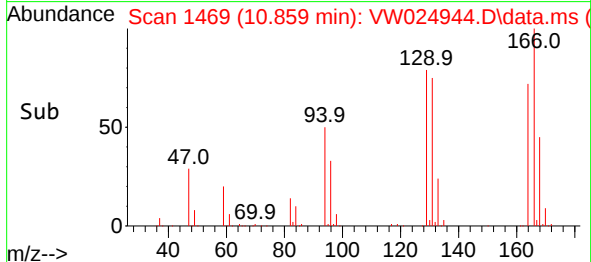
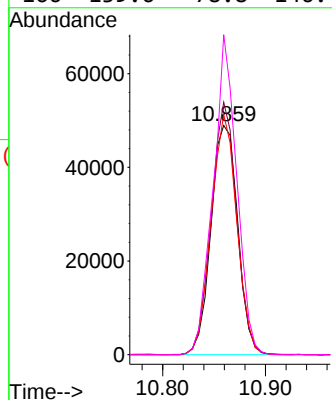
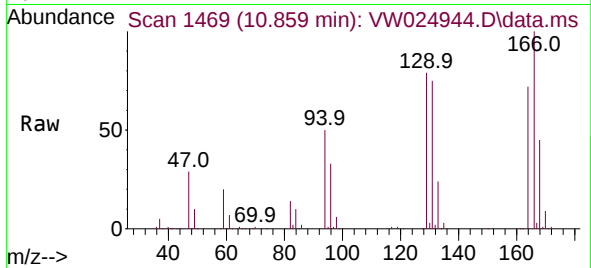




#46
Tetrachloroethene
Concen: 20.159 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

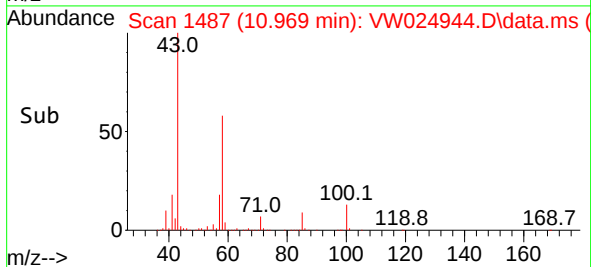
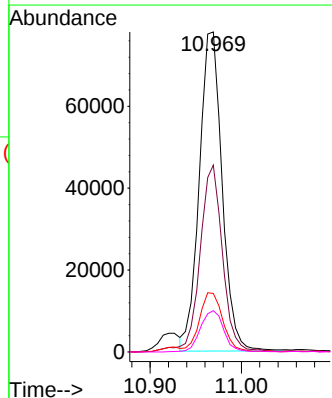
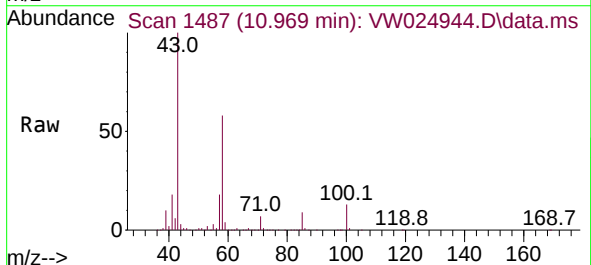
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

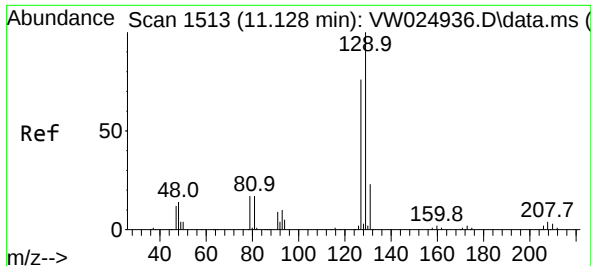
Tgt Ion:164 Resp: 88419
Ion Ratio Lower Upper
164 100
129 110.2 78.7 146.1
131 104.8 71.1 132.1
166 139.6 78.8 146.4



#48
2-Hexanone
Concen: 52.872 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 43 Resp: 135250
Ion Ratio Lower Upper
43 100
58 57.7 47.0 70.6
57 19.2 16.0 24.0
100 13.2 10.5 15.7

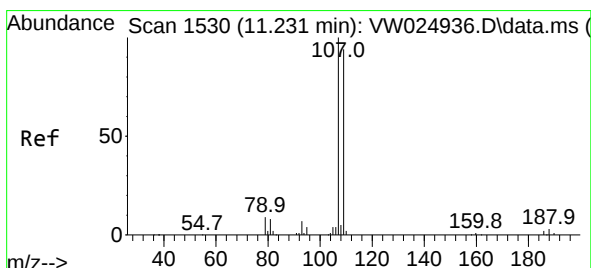
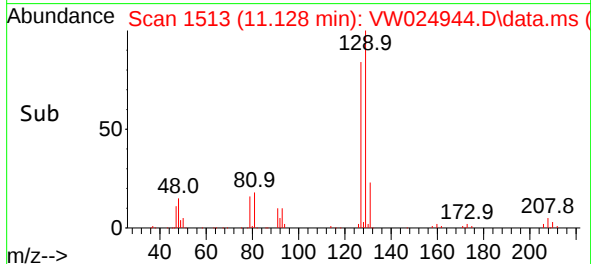
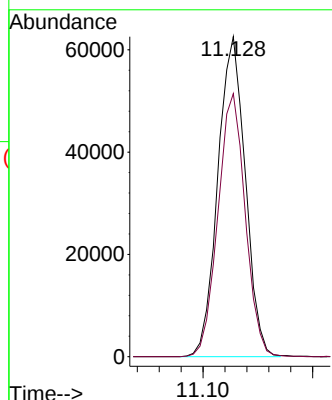
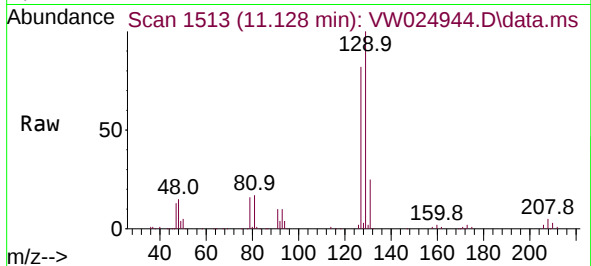




#49
Dibromochloromethane
Concen: 22.077 ug/L
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

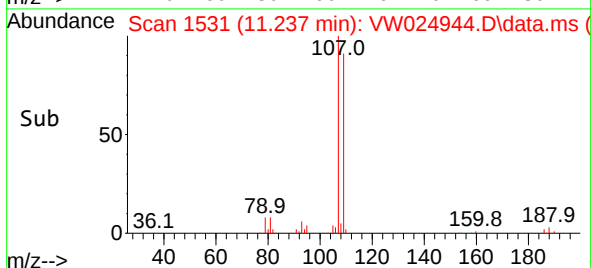
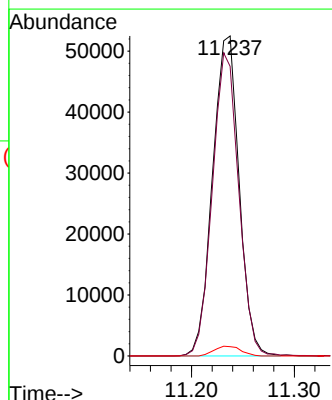
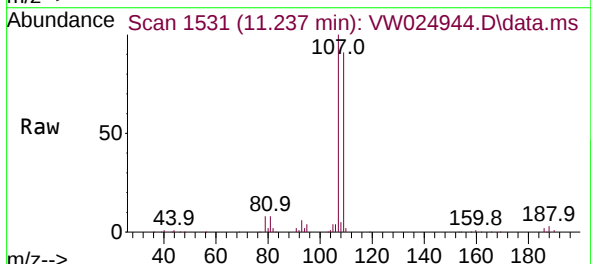
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

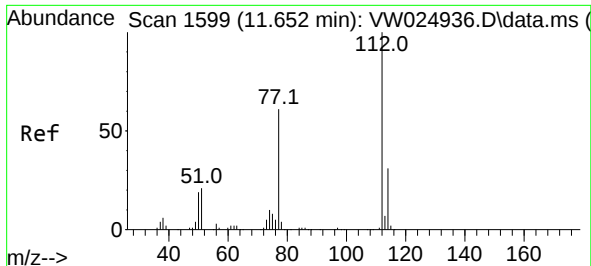
Tgt Ion:129 Resp: 108966
Ion Ratio Lower Upper
129 100
127 82.2 53.9 100.1



#50
1,2-Dibromoethane
Concen: 22.383 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion:107 Resp: 94016
Ion Ratio Lower Upper
107 100
109 90.5 62.8 116.6
188 2.9 2.2 3.2

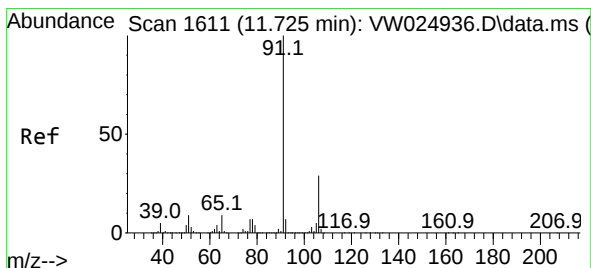
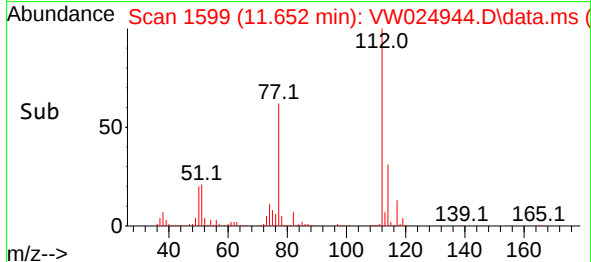
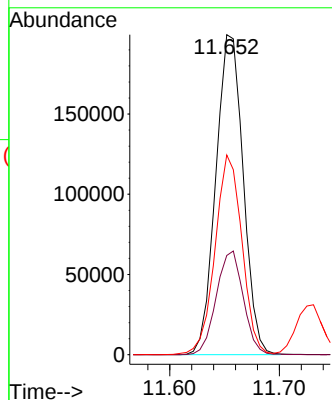
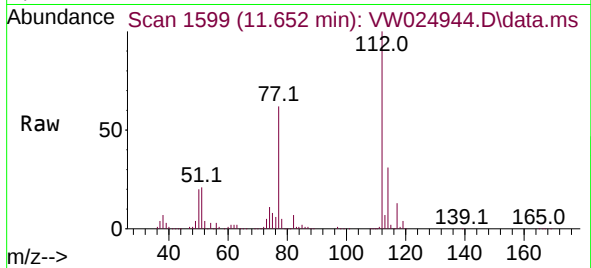




#51
Chlorobenzene
Concen: 21.006 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

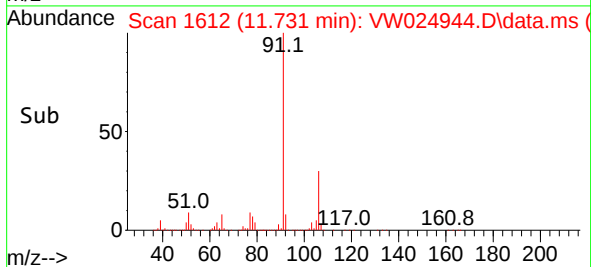
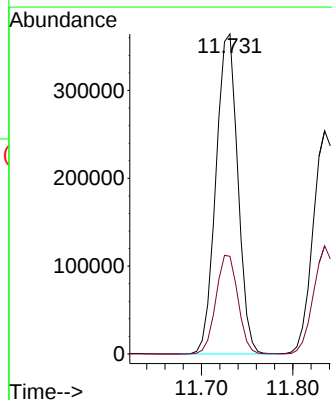
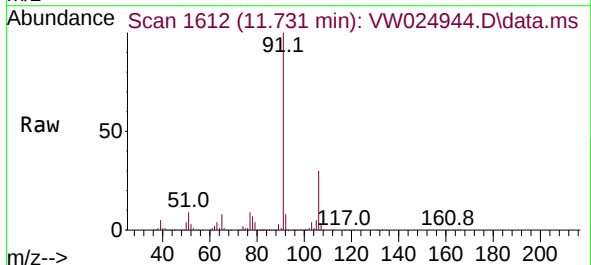
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

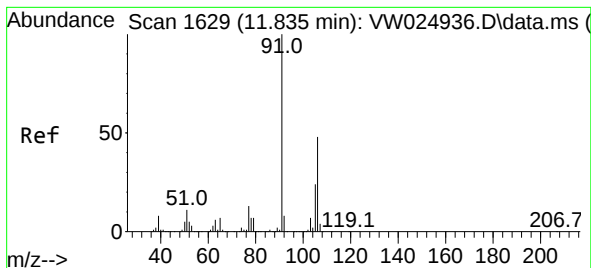
Tgt Ion:112 Resp: 346705
Ion Ratio Lower Upper
112 100
114 31.0 22.7 42.3
77 62.4 49.8 74.8



#52
Ethylbenzene
Concen: 20.650 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 91 Resp: 607254
Ion Ratio Lower Upper
91 100
106 30.5 20.1 37.3

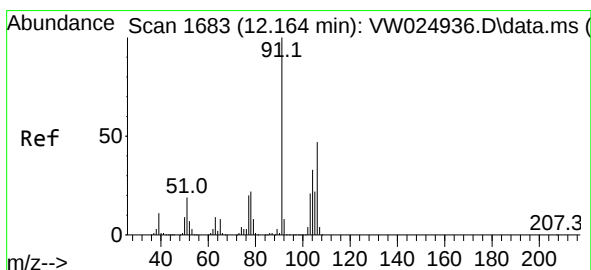
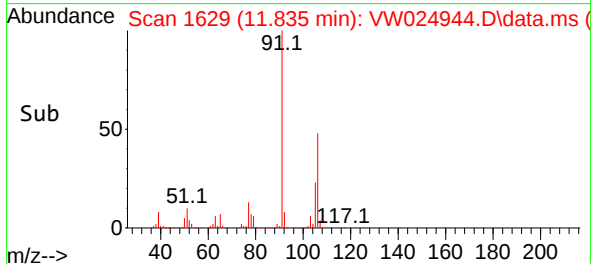
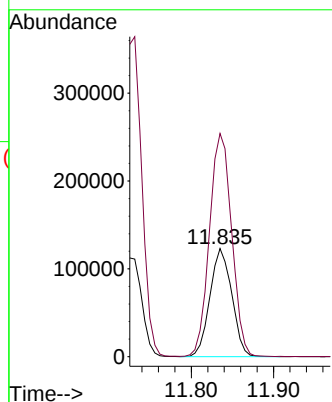
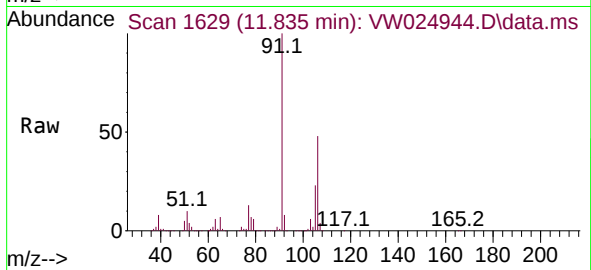




#53
m,p-Xylene
Concen: 20.349 ug/L
RT: 11.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

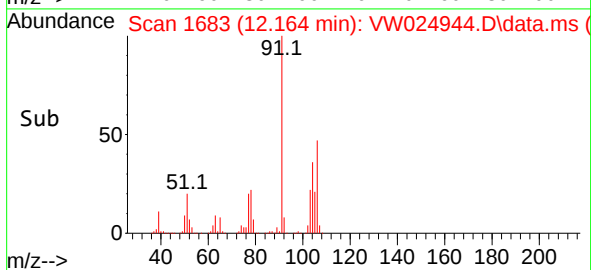
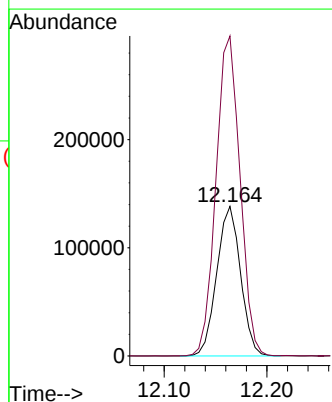
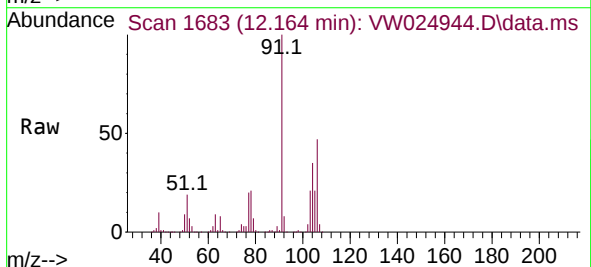
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

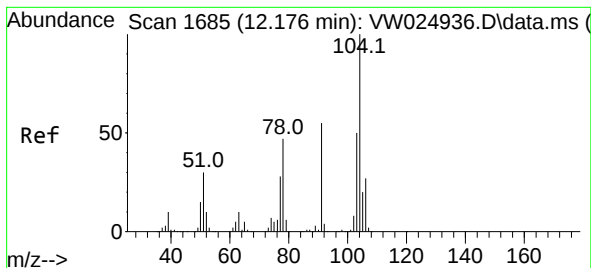
Tgt Ion:106 Resp: 227355
Ion Ratio Lower Upper
106 100
91 206.2 147.4 273.8



#54
o-Xylene
Concen: 20.898 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion:106 Resp: 222308
Ion Ratio Lower Upper
106 100
91 214.0 151.0 280.4





#55

Styrene

Concen: 20.479 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

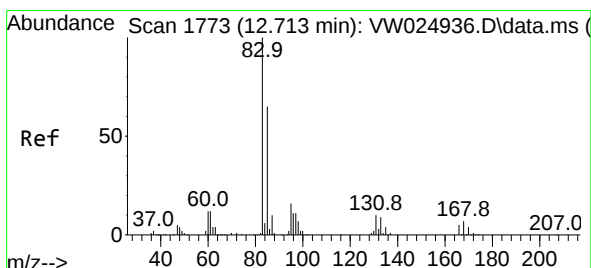
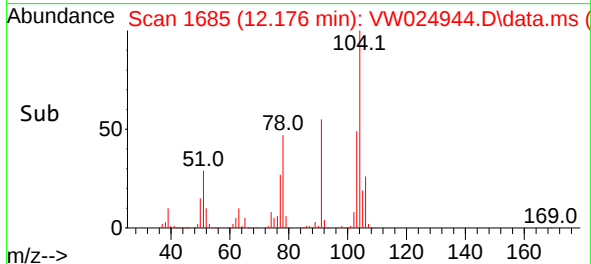
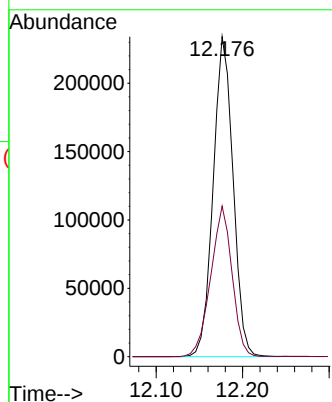
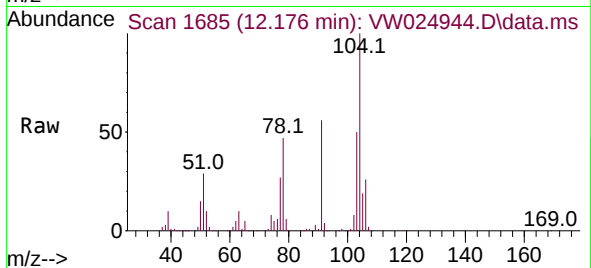
DBWK1MSD

Tgt Ion:104 Resp: 373654

Ion Ratio Lower Upper

104 100

78 47.0 32.6 60.5



#57

1,1,2,2-Tetrachloroethane

Concen: 21.292 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

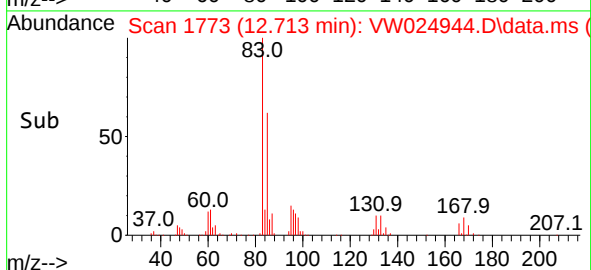
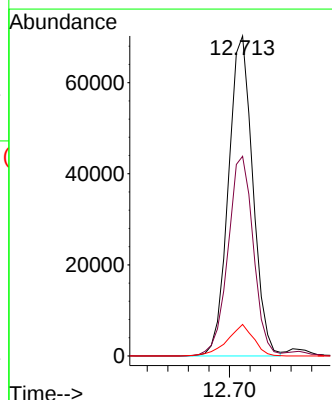
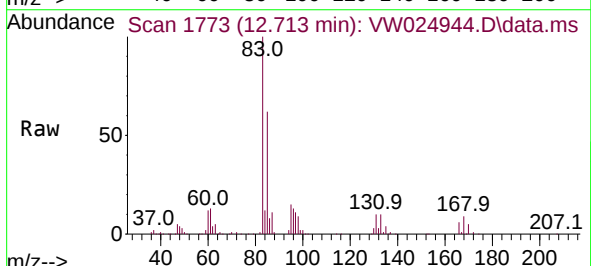
Tgt Ion: 83 Resp: 115827

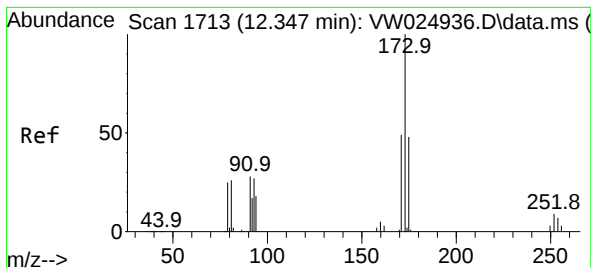
Ion Ratio Lower Upper

83 100

85 62.4 44.5 82.7

131 9.9 6.8 10.2





#59

Bromoform

Concen: 27.107 ug/L

RT: 12.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MSD

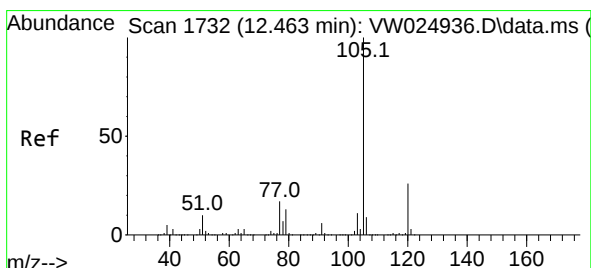
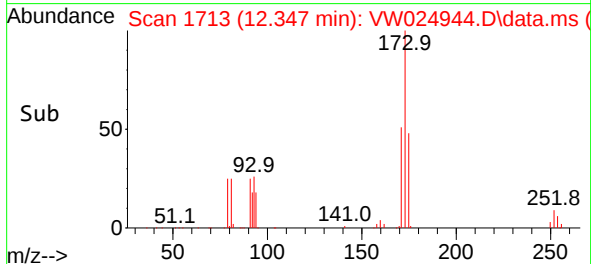
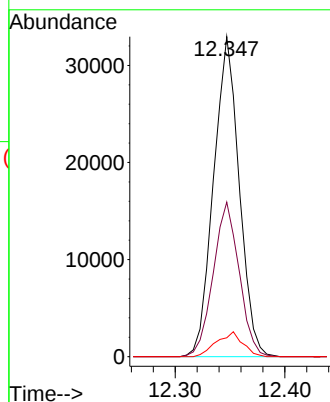
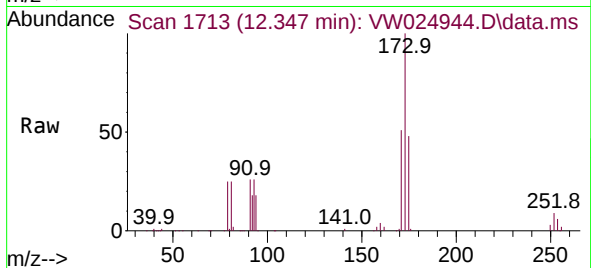
Tgt Ion:173 Resp: 53491

Ion Ratio Lower Upper

173 100

175 48.9 38.6 58.0

254 7.9 4.8 7.2#



#60

Isopropylbenzene

Concen: 22.847 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

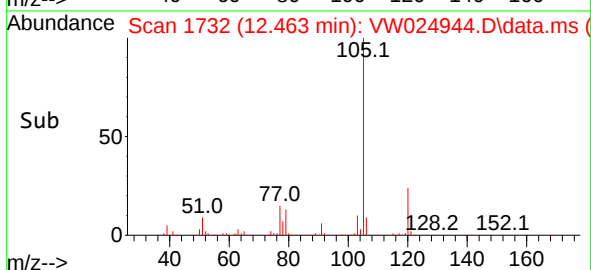
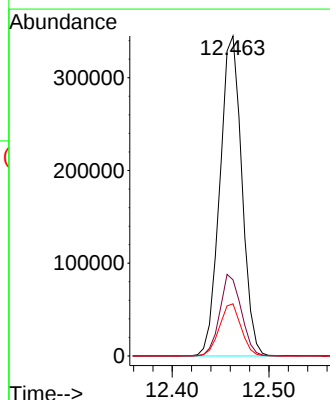
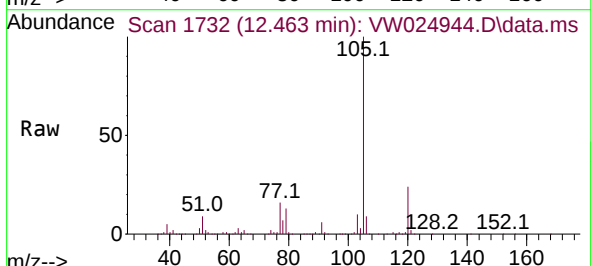
Tgt Ion:105 Resp: 543493

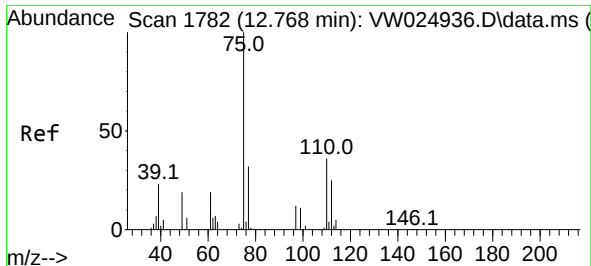
Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 16.1 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 26.700 ug/L

RT: 12.762 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024944.D

Acq: 19 Oct 2022 17:57

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MSD

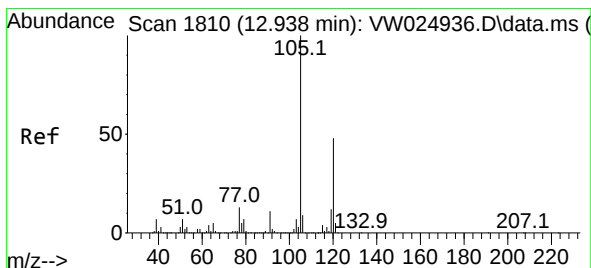
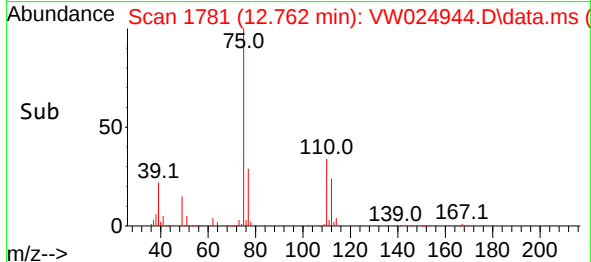
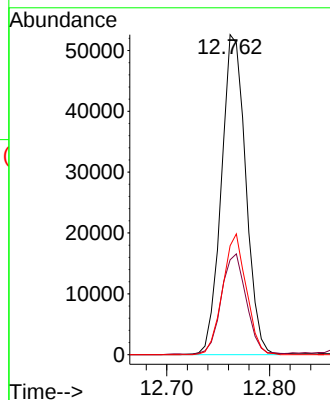
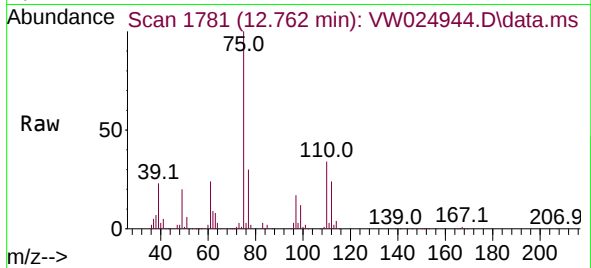
Tgt Ion: 75 Resp: 86577

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6

110 36.6 30.8 46.2



#62

1,3,5-Trimethylbenzene

Concen: 21.646 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024944.D

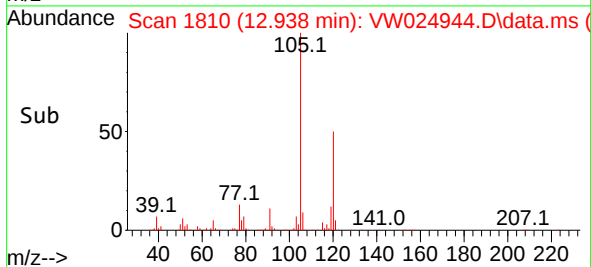
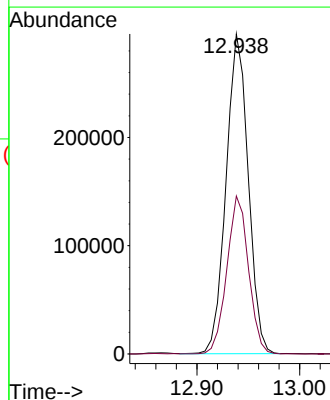
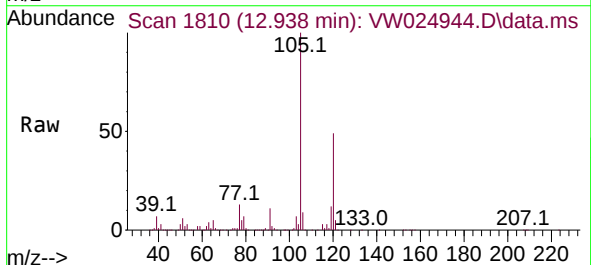
Acq: 19 Oct 2022 17:57

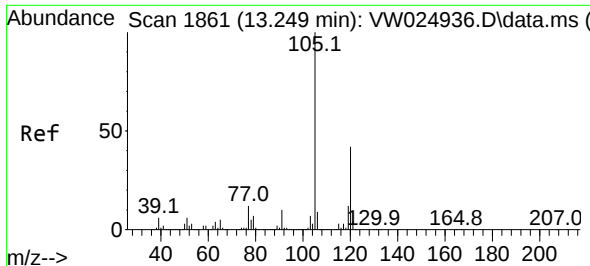
Tgt Ion:105 Resp: 442095

Ion Ratio Lower Upper

105 100

120 48.4 38.1 57.1

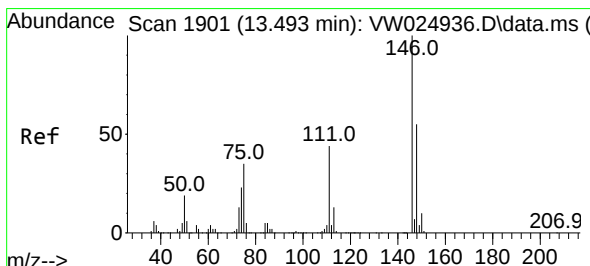
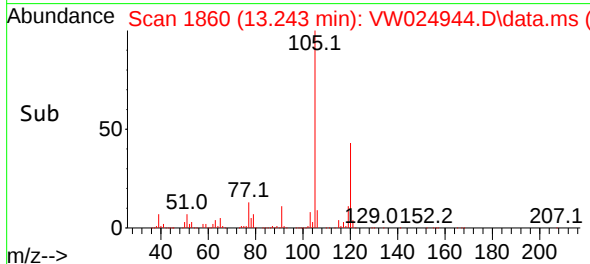
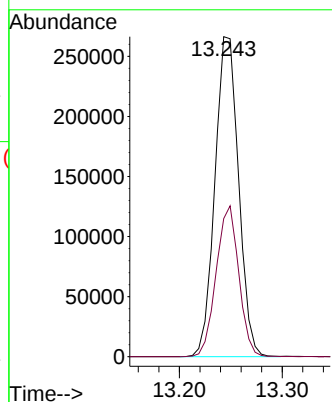
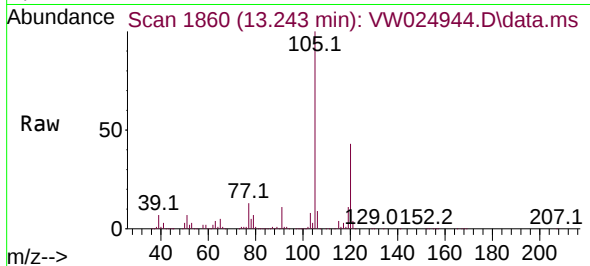




#63
1,2,4-Trimethylbenzene
Concen: 21.586 ug/L
RT: 13.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

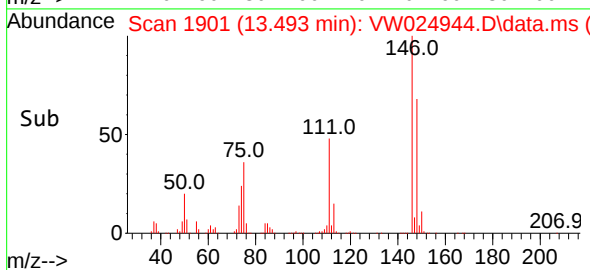
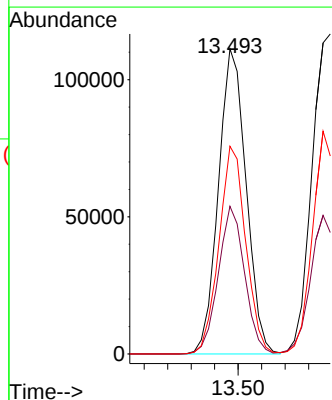
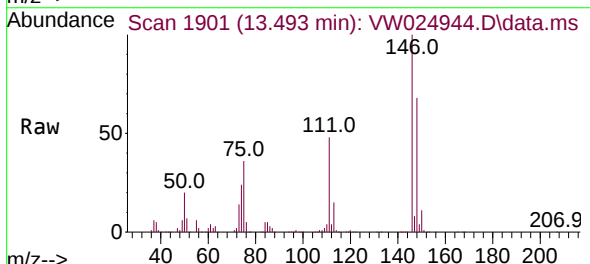
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

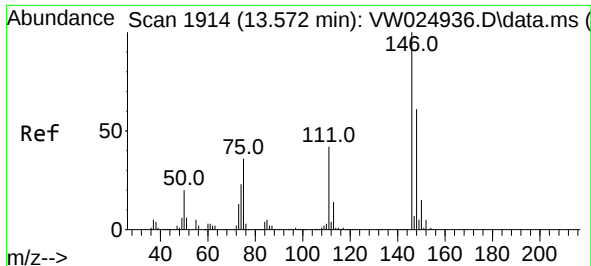
Tgt Ion:105 Resp: 425085
Ion Ratio Lower Upper
105 100
120 45.0 34.8 52.2



#64
1,3-Dichlorobenzene
Concen: 18.807 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion:146 Resp: 182203
Ion Ratio Lower Upper
146 100
111 48.4 31.7 58.9
148 68.0 45.5 84.5

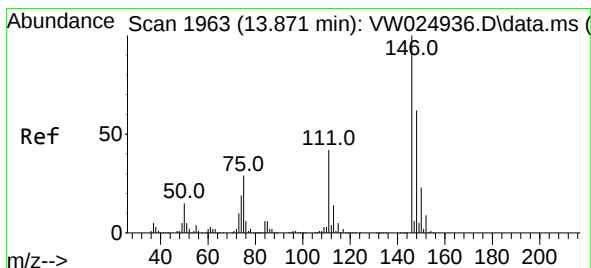
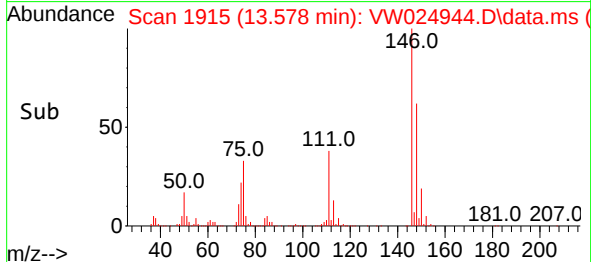
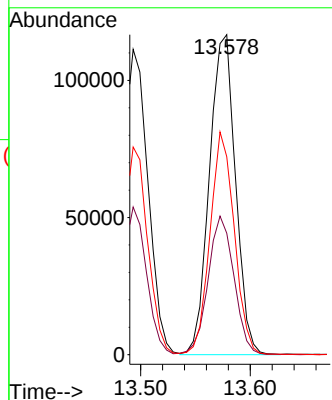
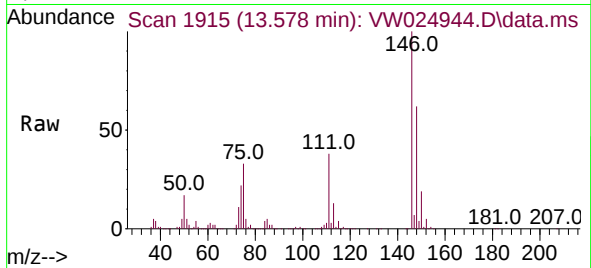




#65
1,4-Dichlorobenzene
Concen: 19.659 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

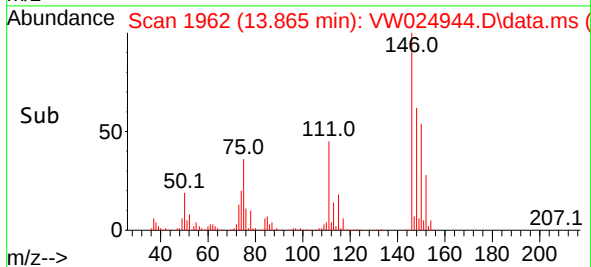
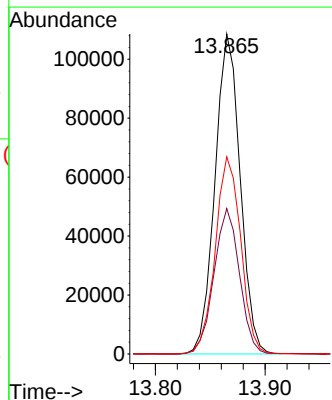
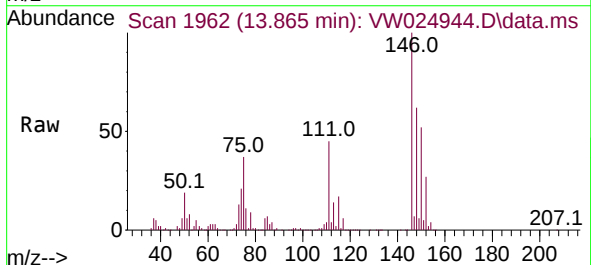
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

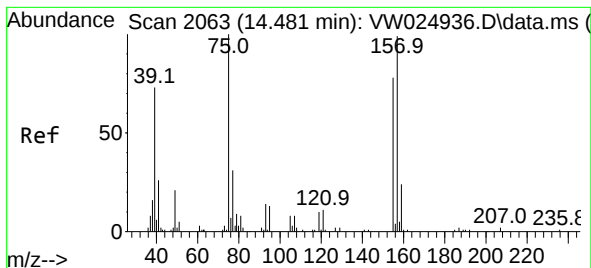
Tgt Ion:146 Resp: 192791
Ion Ratio Lower Upper
146 100
111 38.0 27.4 50.8
148 61.8 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 20.157 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion:146 Resp: 173574
Ion Ratio Lower Upper
146 100
111 45.5 36.9 55.3
148 61.6 50.0 75.0

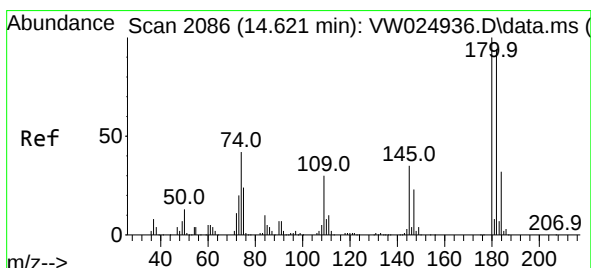
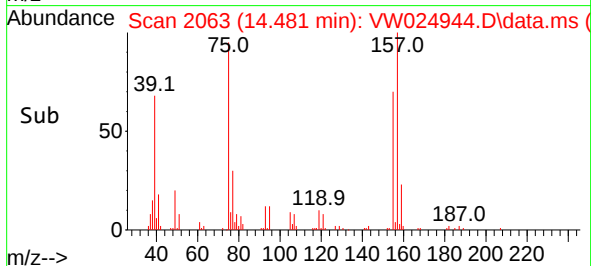
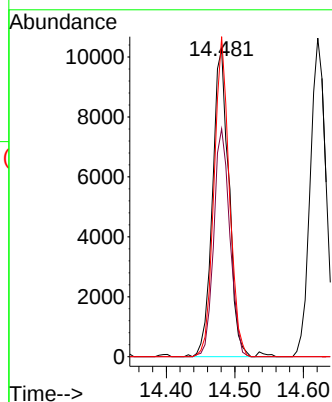
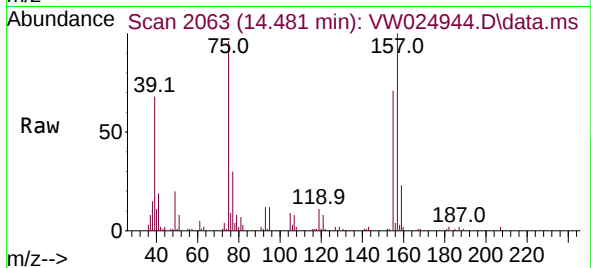




#68
1,2-Dibromo-3-chloropropane
Concen: 24.306 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

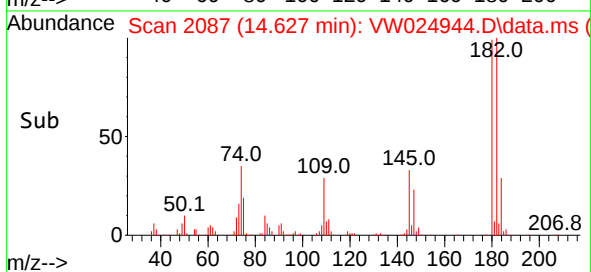
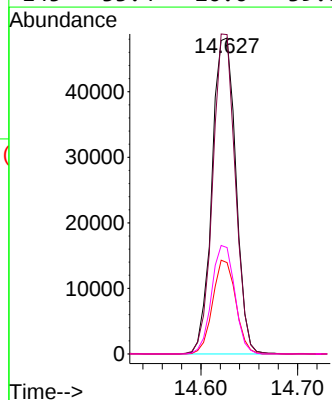
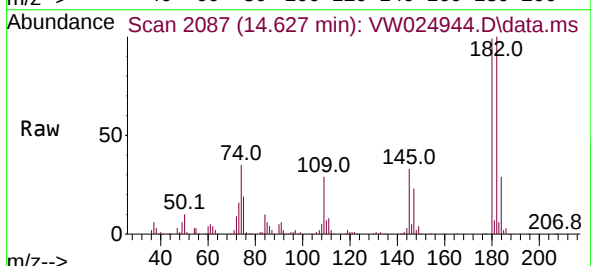
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

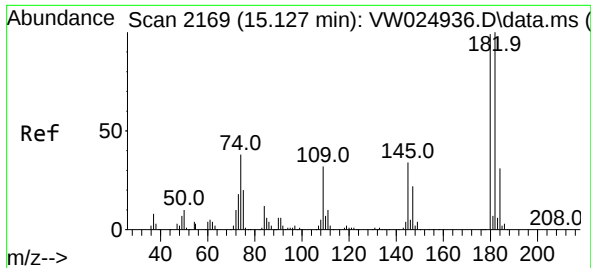
Tgt Ion: 75 Resp: 17131
Ion Ratio Lower Upper
75 100
155 74.0 56.2 84.4
157 104.0 74.6 111.8



#69
1,3,5-Trichlorobenzene
Concen: 12.989 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion: 180 Resp: 82162
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
184 28.8 22.9 34.3
145 33.4 26.6 39.8

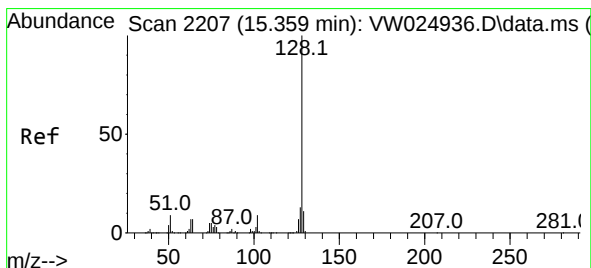
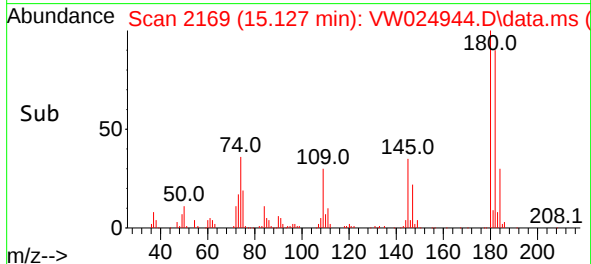
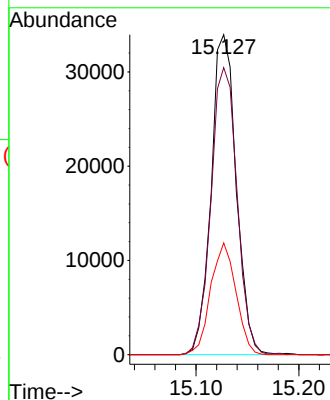
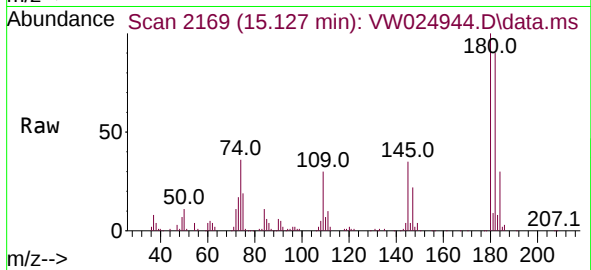




#70
1,2,4-trichlorobenzene
Concen: 11.206 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

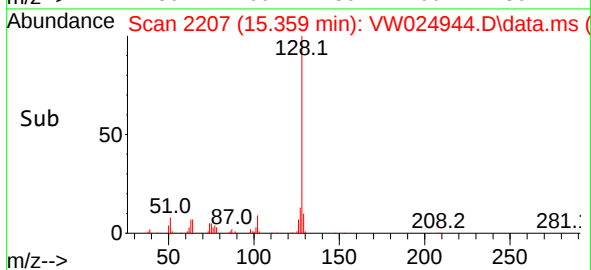
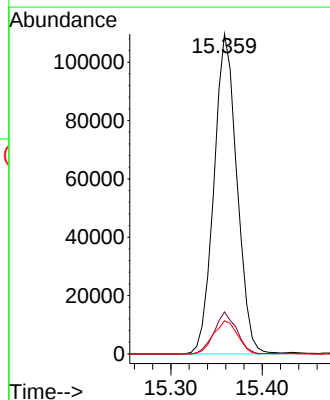
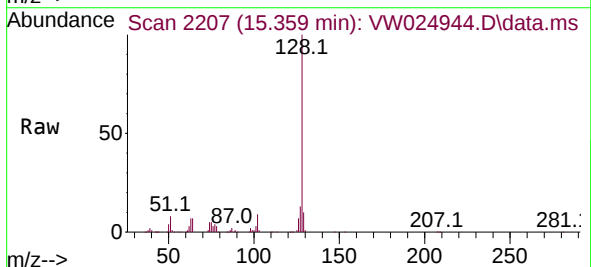
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MSD

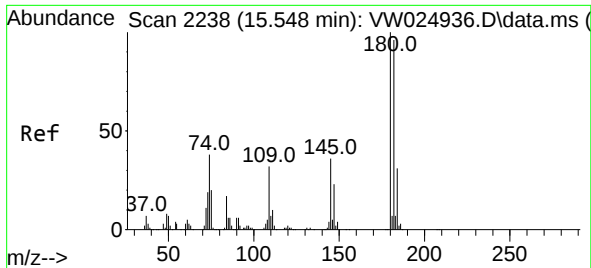
Tgt Ion:180 Resp: 57509
Ion Ratio Lower Upper
180 100
182 93.4 77.7 116.5
145 35.3 29.0 43.4



#71
Naphthalene
Concen: 17.253 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024944.D
Acq: 19 Oct 2022 17:57

Tgt Ion:128 Resp: 191853
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 10.460 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024944.D
 Acq: 19 Oct 2022 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MSD

Tgt Ion:	180	Resp:	45821
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	36.5	29.9	44.9

