

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024943.D
 Acq On : 19 Oct 2022 17:33
 Operator : SY/VA
 Sample : N4757-05MS
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MS

Quant Time: Oct 20 02:01:23 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	464906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114738	20.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.879	69	70898	22.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	4.019	63	265692	22.280	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.080	46	88682	51.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
24) Chloroform-d	7.647	84	305706	23.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	159030	23.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	8.274	84	609088	24.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	9.274	67	186154	24.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.323	98	533855	23.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	10.573	79	72154	24.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.920	63	70465	54.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	144781	24.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	128244	21.797	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44805	21.541	ug/L	99
3) Chloromethane	2.221	50	110341	22.777	ug/L	98
5) Vinyl chloride	2.361	62	159804	24.179	ug/L	99
6) Bromomethane	2.775	94	74527	23.216	ug/L	99
8) Chloroethane	2.916	64	63539	23.073	ug/L	98
9) Trichlorofluoromethane	3.257	101	86109	26.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	150314	22.582	ug/L	98
12) 1,1-Dichloroethene	4.043	96	149306	23.705	ug/L	85
13) Acetone	4.123	43	97528	80.197	ug/L	97
14) Carbon disulfide	4.385	76	465111	22.607	ug/L	98
15) Methyl Acetate	4.671	43	66539	22.482	ug/L	100
16) Methylene chloride	4.921	84	179964	21.924	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	163447	23.840	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	247315	24.274	ug/L	99
19) 1,1-Dichloroethane	6.214	63	298020	23.495	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	172225	23.243	ug/L	98
22) 2-Butanone	7.171	43	115804	57.082	ug/L	99
23) Bromochloromethane	7.512	128	72331	23.865	ug/L	88
25) Chloroform	7.677	83	292092	23.461	ug/L	99

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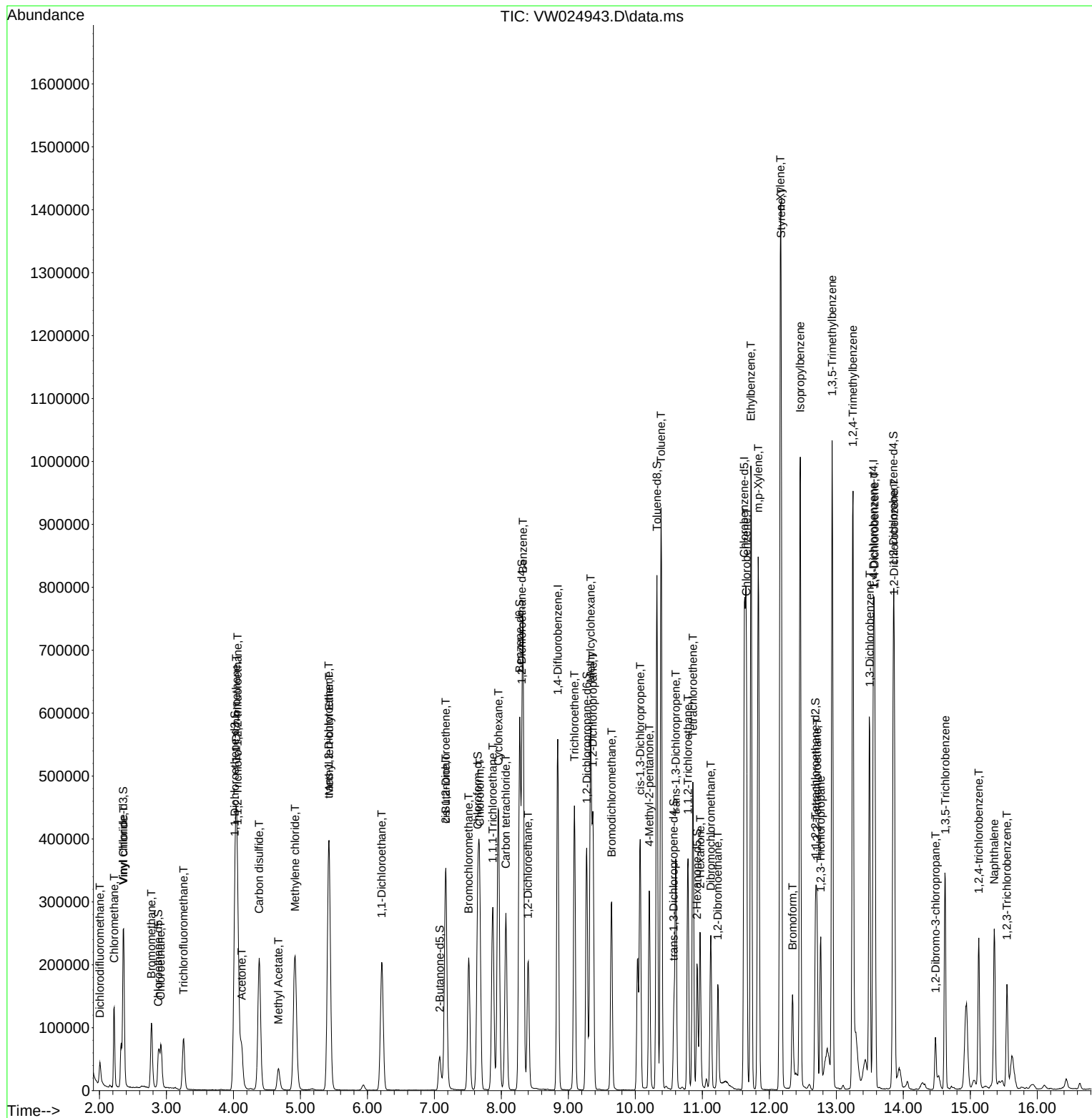
Quant Time: Oct 20 02:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

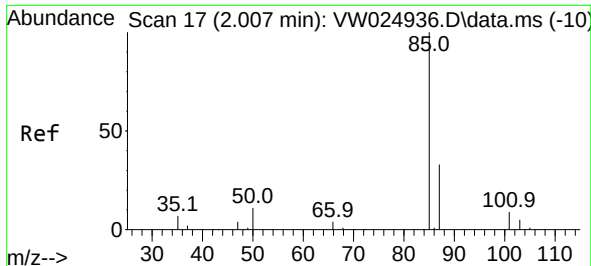
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	185690	23.065	ug/L	100
29) Cyclohexane	7.957	56	263596	22.724	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	235745	25.664	ug/L	99
31) Carbon tetrachloride	8.067	117	204375	25.340	ug/L	96
33) Benzene	8.323	78	668472	24.600	ug/L	100
34) Trichloroethene	9.091	95	164368	24.019	ug/L	98
35) Methylcyclohexane	9.335	83	238901	19.398	ug/L	98
37) 1,2-Dichloropropane	9.366	63	164918	24.353	ug/L	100
38) Bromodichloromethane	9.646	83	206795	24.715	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	242352	24.759	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	203873	50.936	ug/L	99
42) Toluene	10.384	91	666046	23.907	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	204561	25.171	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116415	24.611	ug/L	97
46) Tetrachloroethene	10.859	164	104692	22.500	ug/L	91
48) 2-Hexanone	10.969	43	157402	58.000	ug/L	99
49) Dibromochloromethane	11.128	129	128561	24.552	ug/L	99
50) 1,2-Dibromoethane	11.231	107	108101	24.259	ug/L	94
51) Chlorobenzene	11.658	112	393584	22.477	ug/L	96
52) Ethylbenzene	11.725	91	704942	22.596	ug/L	99
53) m,p-Xylene	11.835	106	266147	22.454	ug/L	98
54) o-Xylene	12.164	106	256207	22.702	ug/L	98
55) Styrene	12.176	104	426098	22.013	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	136070	23.578	ug/L	99
59) Bromoform	12.347	173	62420	28.975	ug/L #	99
60) Isopropylbenzene	12.463	105	653996	25.183	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	100245	28.318	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	540430	24.238	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	518355	24.112	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	237228	22.430	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	228697	21.362	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	208307	22.158	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21897	28.458	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	100251	14.518	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	67785	12.098	ug/L	98
71) Naphthalene	15.359	128	218931	18.034	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51466	10.762	ug/L	98

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

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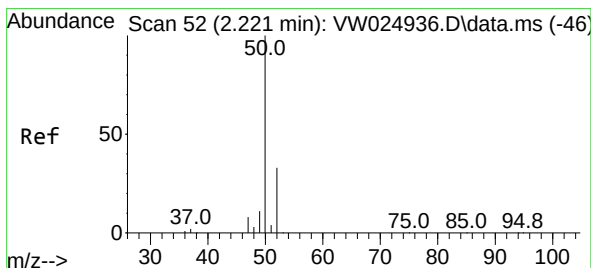
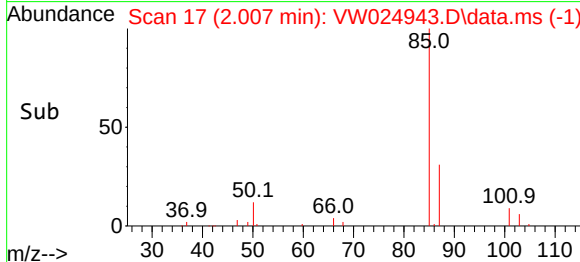
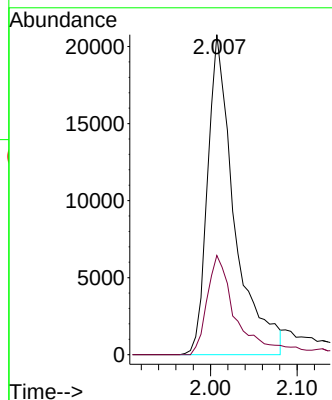
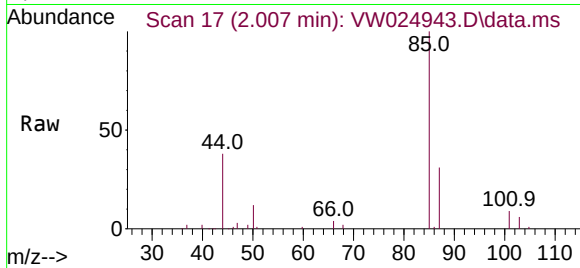




#2
 Dichlorodifluoromethane
 Concen: 21.541 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

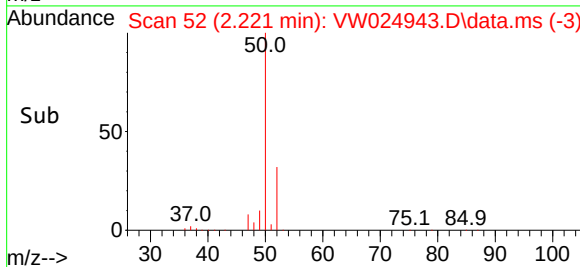
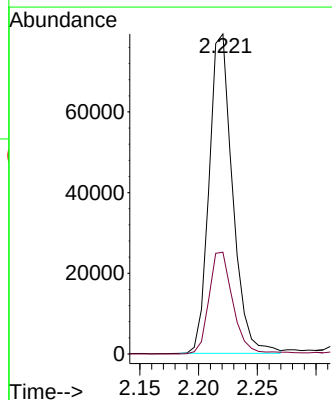
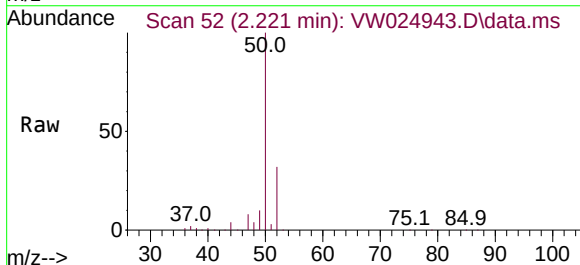
Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MS

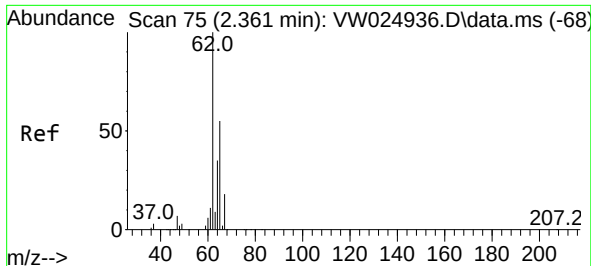
Tgt Ion: 85 Resp: 44805
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.8 40.2



#3
 Chloromethane
 Concen: 22.777 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

Tgt Ion: 50 Resp: 110341
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.1 42.9

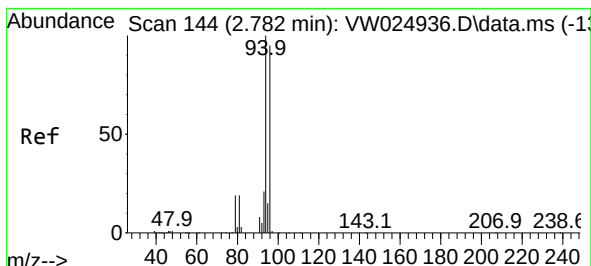
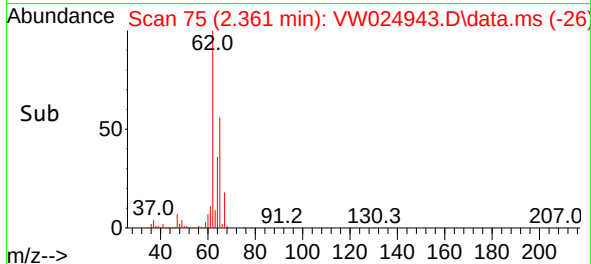
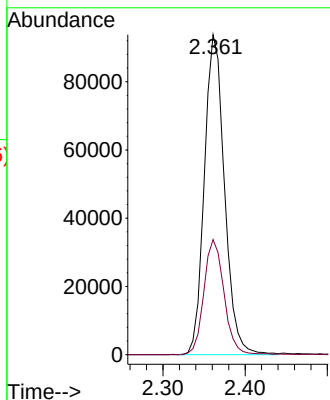
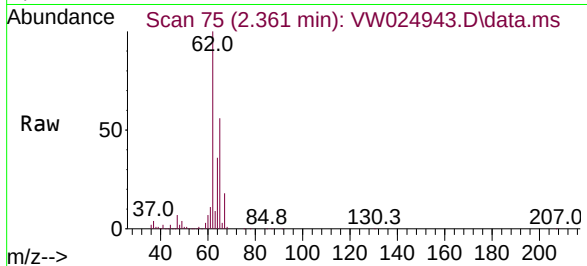




#5
 Vinyl chloride
 Concen: 24.179 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

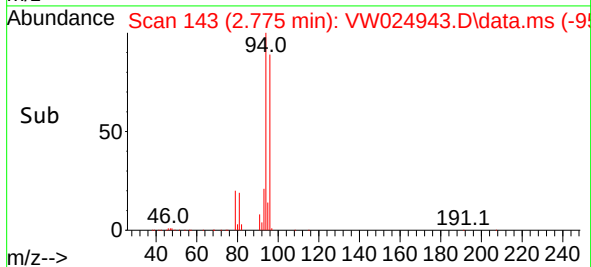
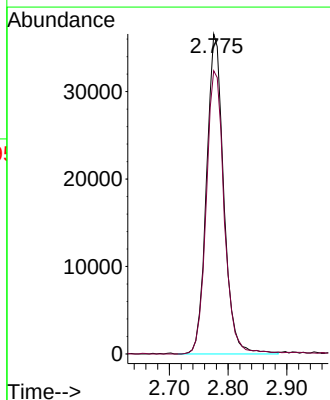
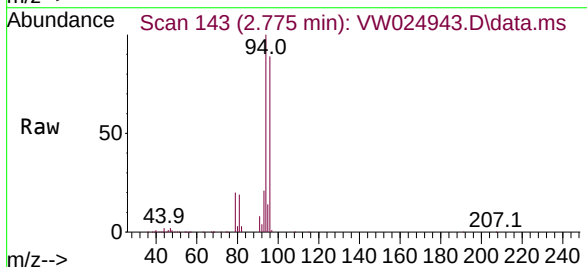
Instrument :
 MSVOA_W
 ClientSampleId :
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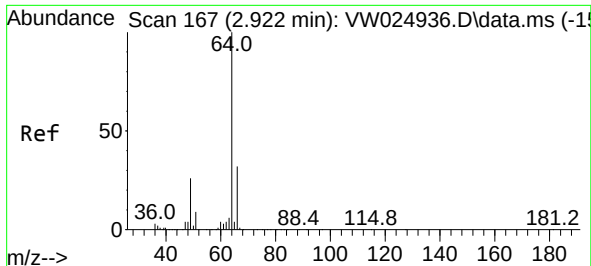
Tgt Ion: 62 Resp: 159804
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.7 45.9



#6
 Bromomethane
 Concen: 23.216 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

Tgt Ion: 94 Resp: 74527
 Ion Ratio Lower Upper
 94 100
 96 88.5 61.4 114.0

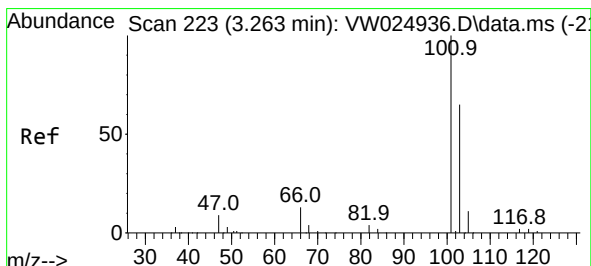
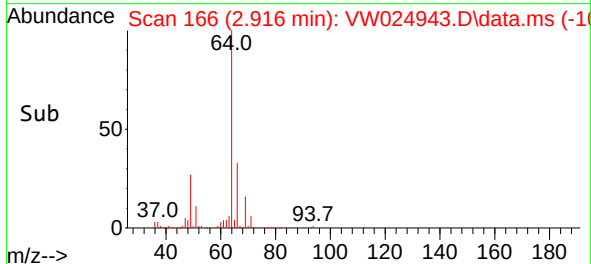
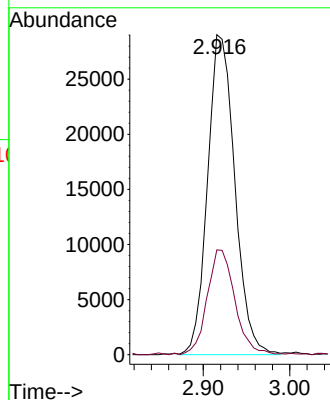
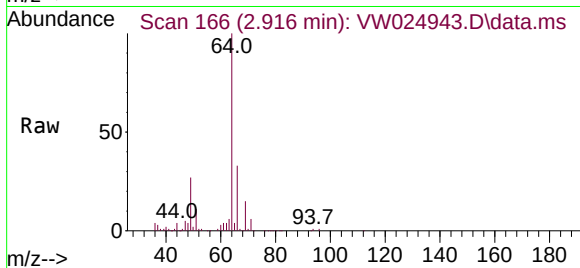




#8
Chloroethane
Concen: 23.073 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

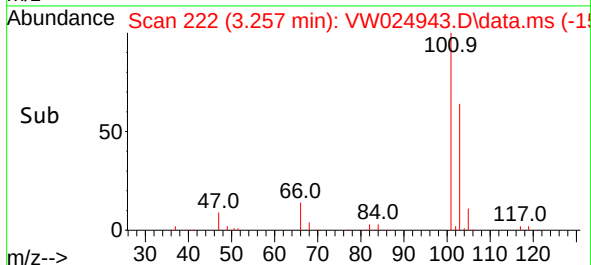
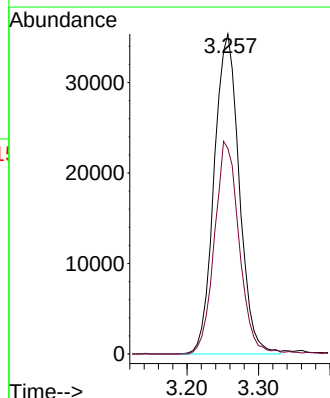
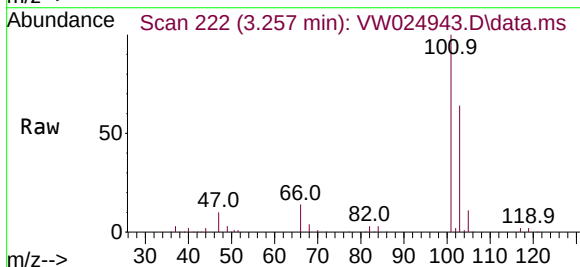
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

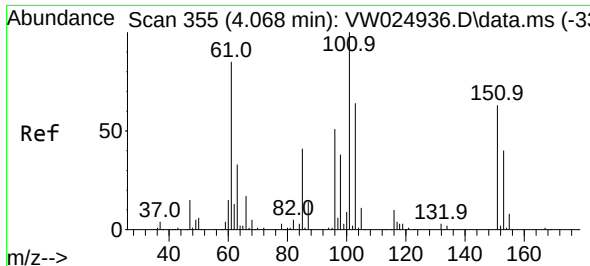
Tgt Ion: 64 Resp: 63539
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 26.339 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 101 Resp: 86109
Ion Ratio Lower Upper
101 100
103 65.0 52.9 79.3

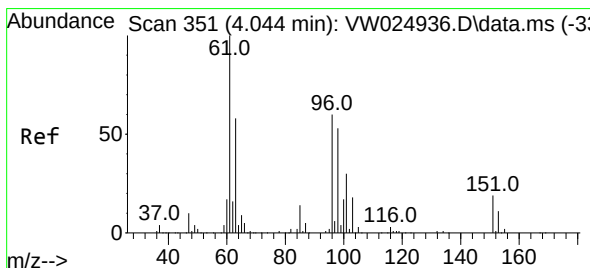
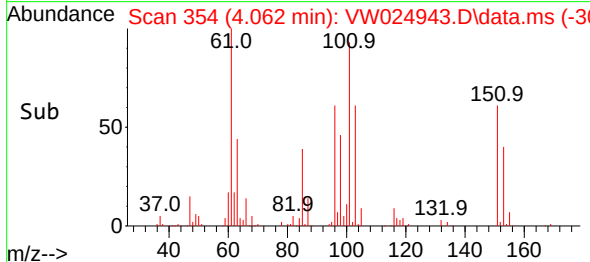
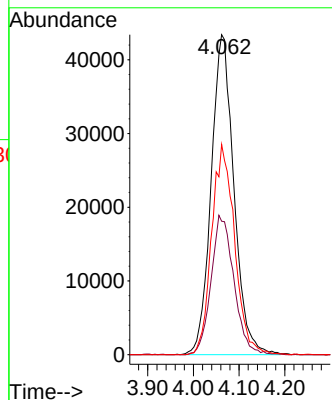
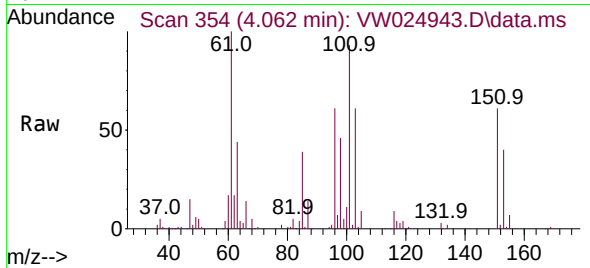




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.582 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

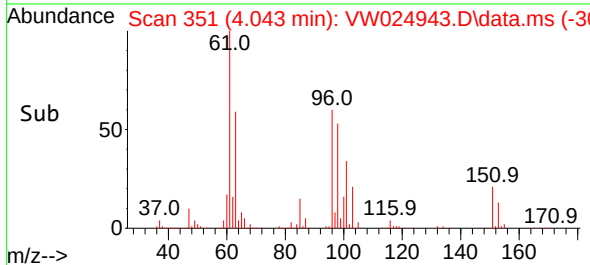
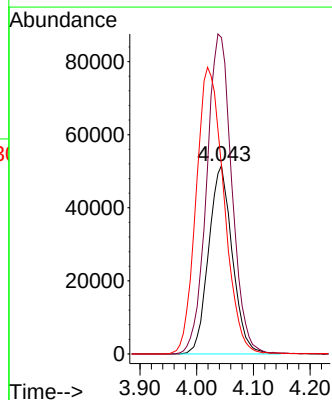
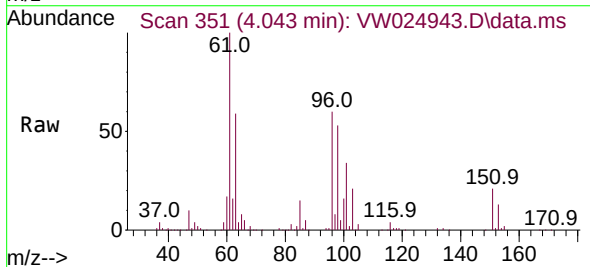
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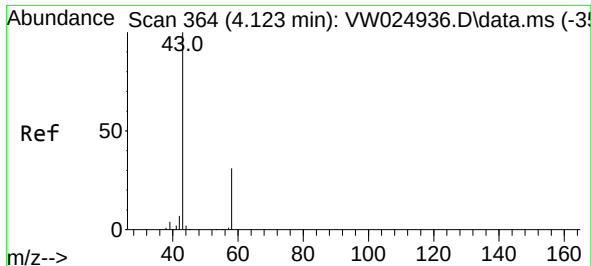
Tgt Ion:101 Resp: 150314
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.6 50.4
 151 66.2 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 23.705 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024943.D
 Acq: 19 Oct 2022 17:33

Tgt Ion: 96 Resp: 149306
 Ion Ratio Lower Upper
 96 100
 61 167.8 122.4 227.2
 63 99.8 92.1 171.1

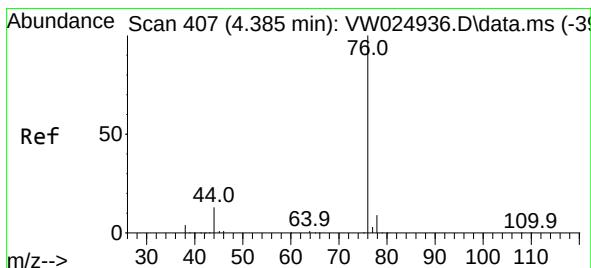
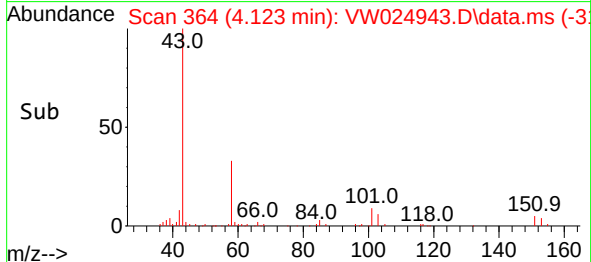
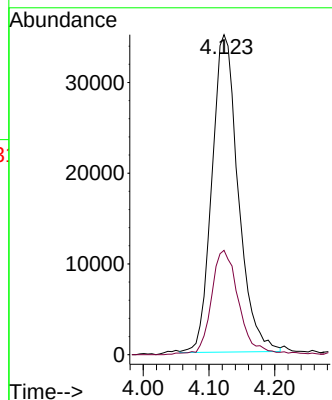
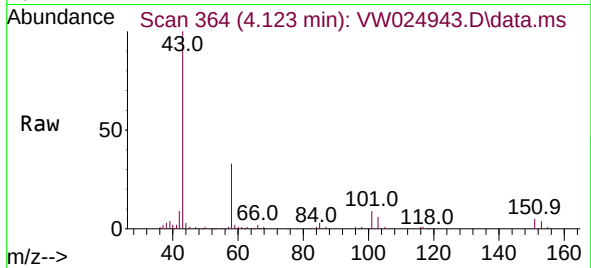




#13
Acetone
Concen: 80.197 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

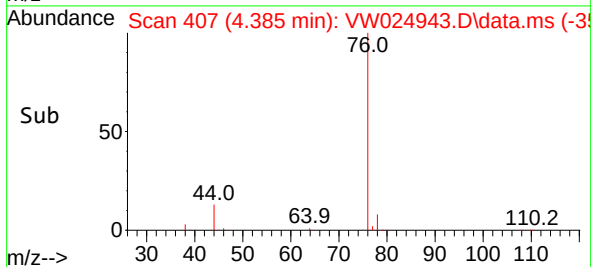
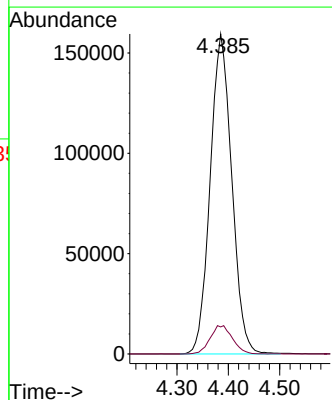
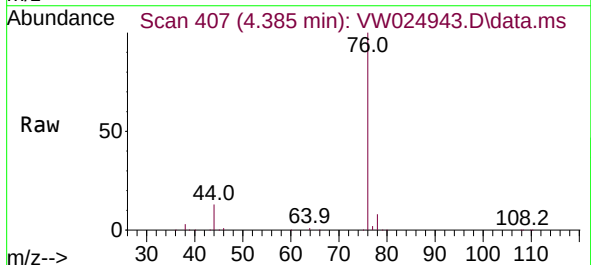
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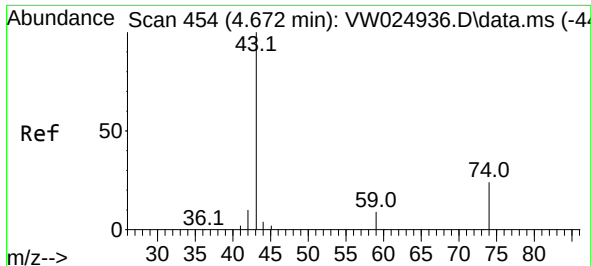
Tgt Ion: 43 Resp: 97528
Ion Ratio Lower Upper
43 100
58 33.5 0.0 64.2



#14
Carbon disulfide
Concen: 22.607 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 465111
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

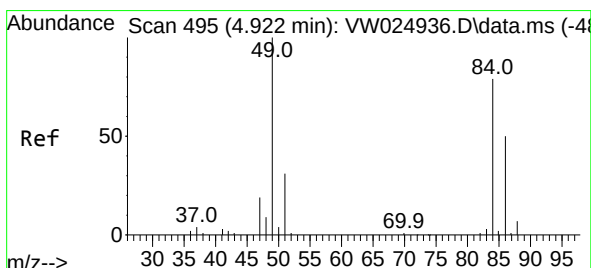
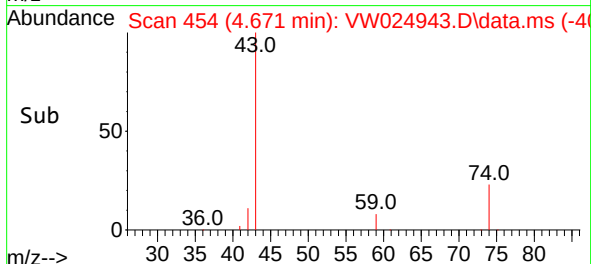
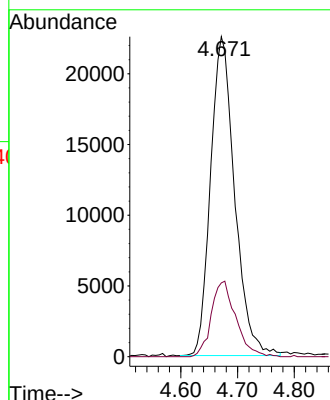
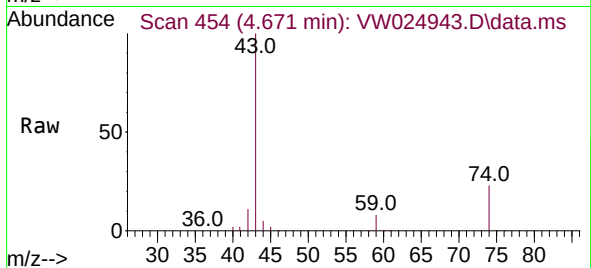




#15
Methyl Acetate
Concen: 22.482 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

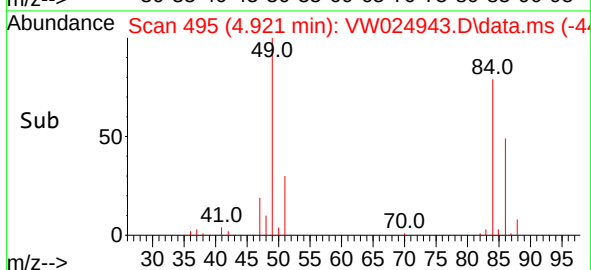
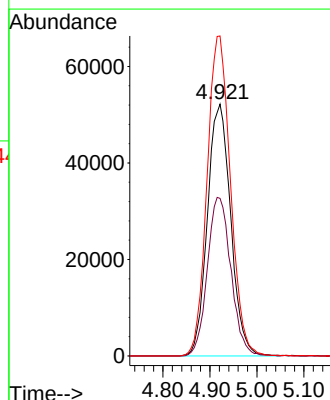
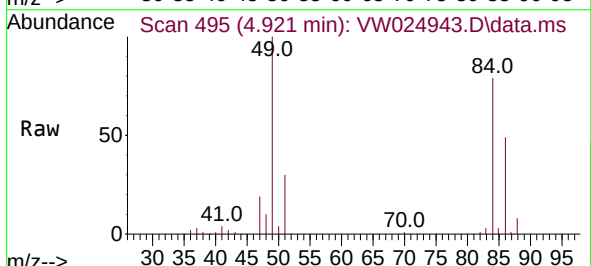
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

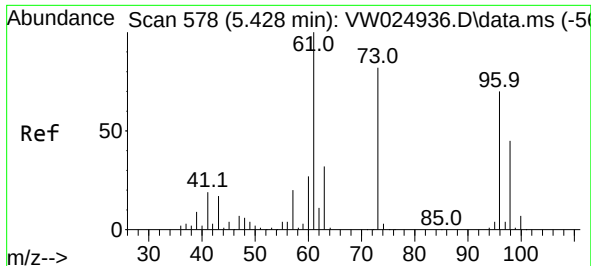
Tgt Ion: 43 Resp: 66539
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 21.924 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 84 Resp: 179964
Ion Ratio Lower Upper
84 100
86 62.6 45.5 84.5
49 127.1 90.9 168.9

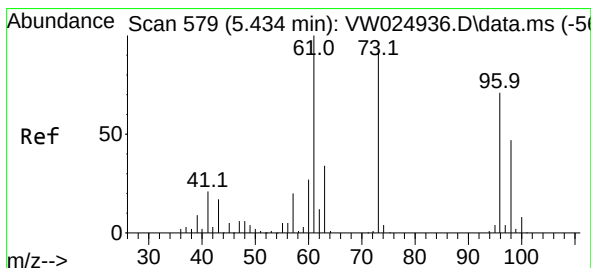
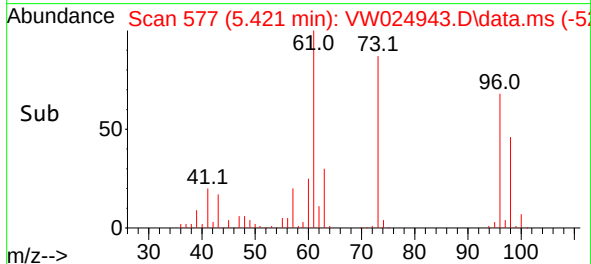
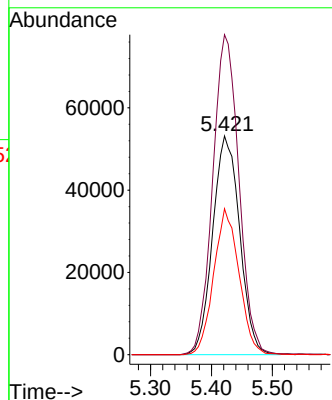
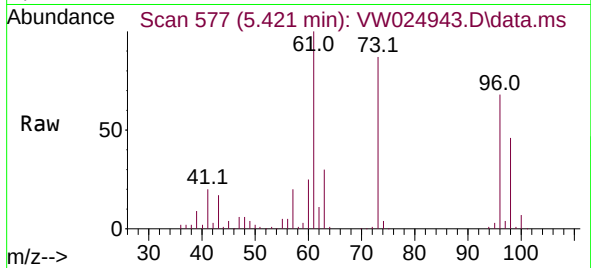




#17
trans-1,2-Dichloroethene
Concen: 23.840 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

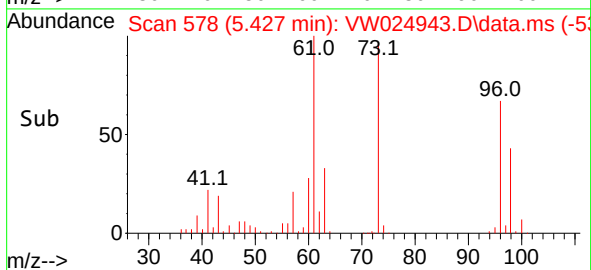
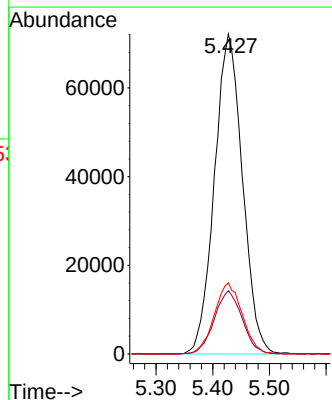
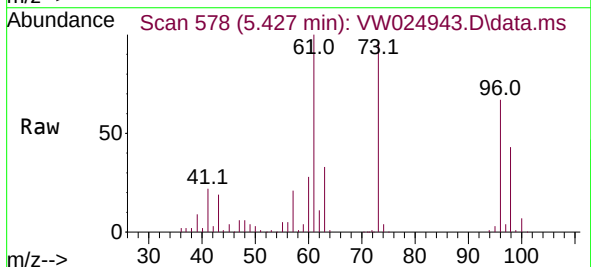
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

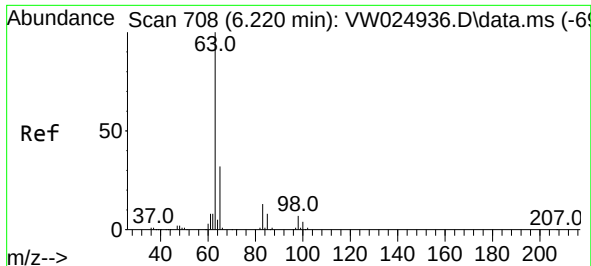
Tgt Ion: 96 Resp: 163447
Ion Ratio Lower Upper
96 100
61 146.3 102.2 189.8
98 66.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 24.274 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 73 Resp: 247315
Ion Ratio Lower Upper
73 100
43 19.6 15.8 23.6
57 22.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 23.495 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

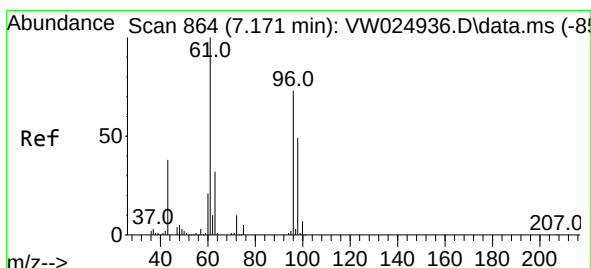
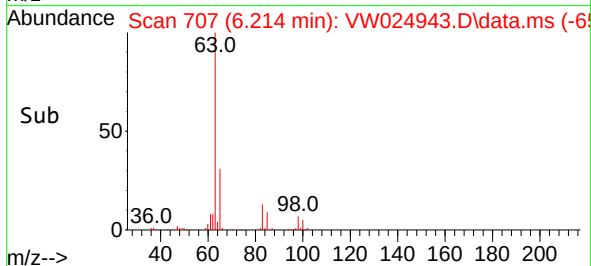
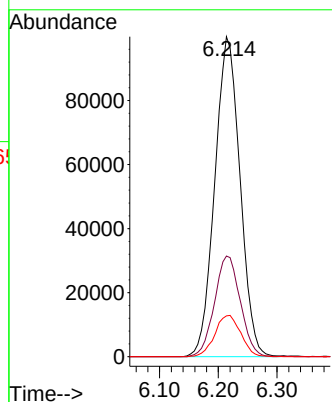
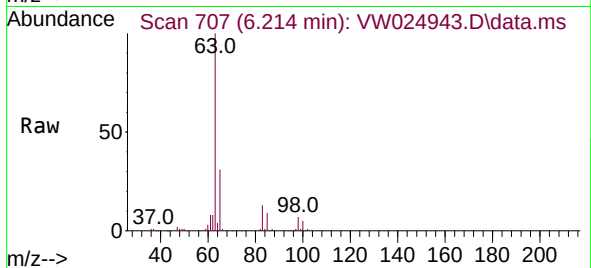
Tgt Ion: 63 Resp: 298020

Ion Ratio Lower Upper

63 100

65 31.4 22.4 41.6

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.243 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

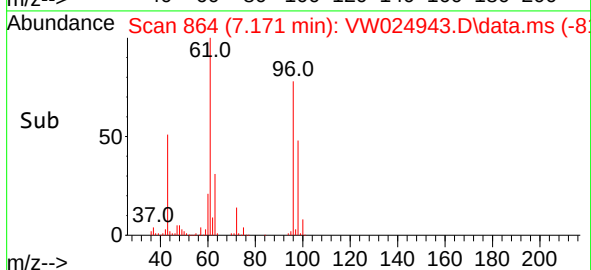
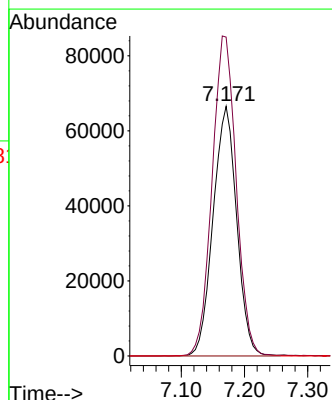
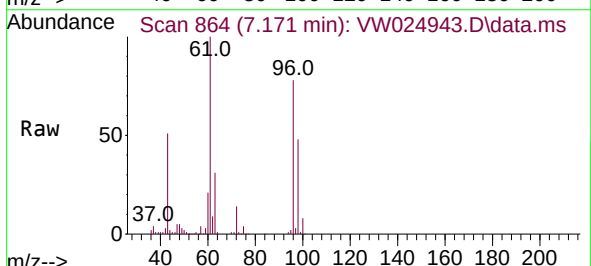
Tgt Ion: 96 Resp: 172225

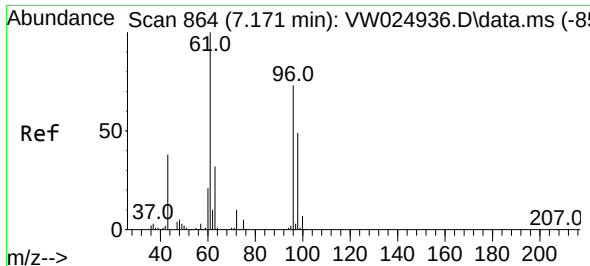
Ion Ratio Lower Upper

96 100

61 127.8 90.9 168.7

68 0.0 0.0 0.0

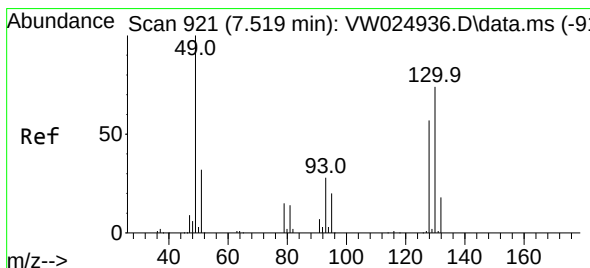
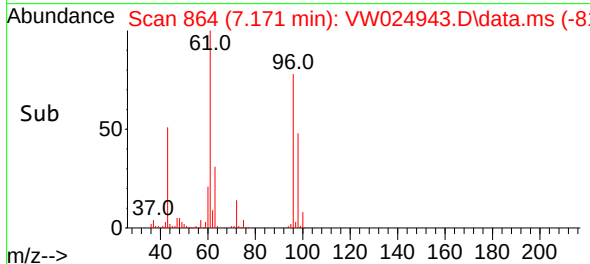
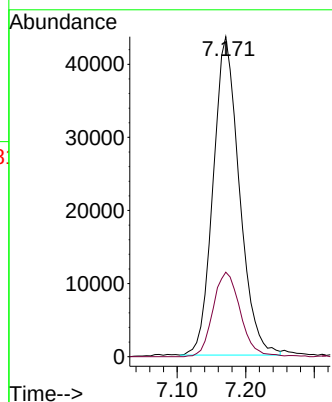
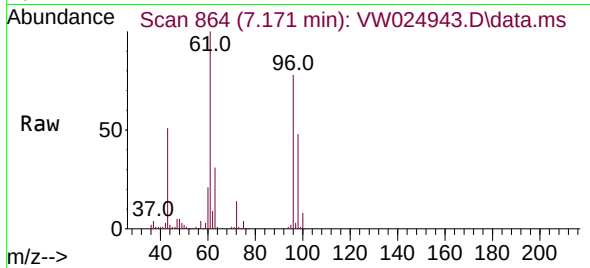




#22
2-Butanone
Concen: 57.082 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

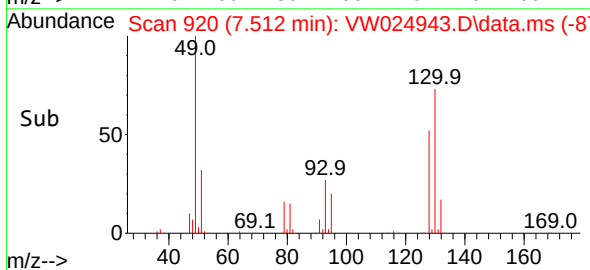
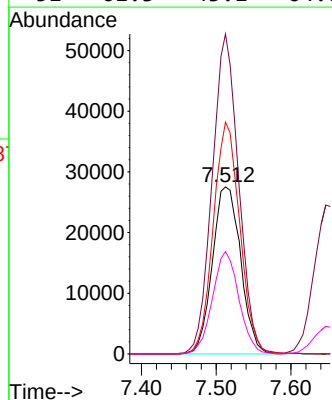
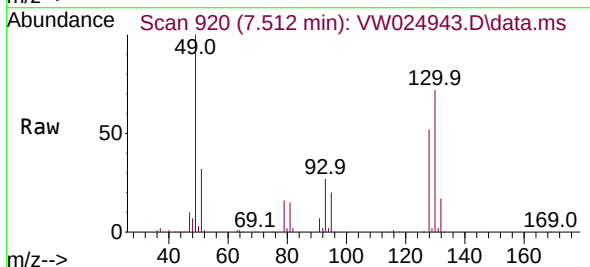
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

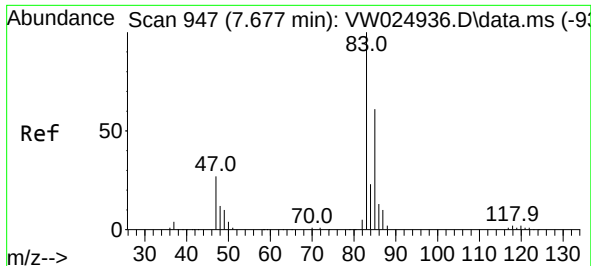
Tgt Ion: 43 Resp: 115804
Ion Ratio Lower Upper
43 100
72 27.6 14.1 42.3



#23
Bromochloromethane
Concen: 23.865 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 128 Resp: 72331
Ion Ratio Lower Upper
128 100
49 191.7 122.7 227.9
130 138.9 86.0 159.8
51 61.3 43.1 64.7

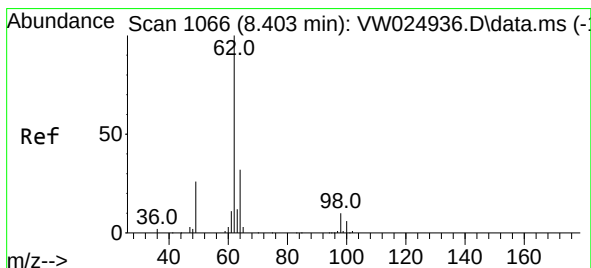
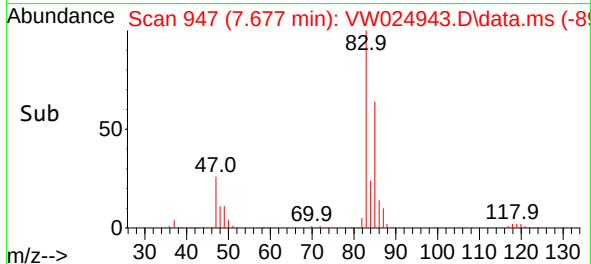
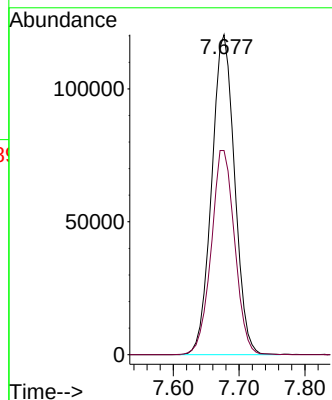
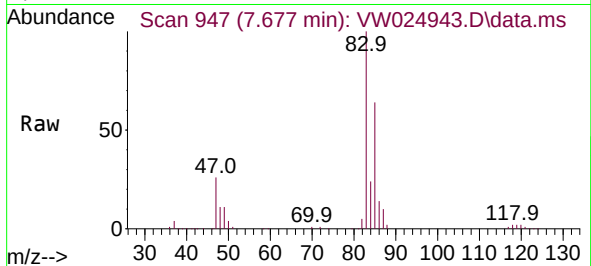




#25
Chloroform
Concen: 23.461 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

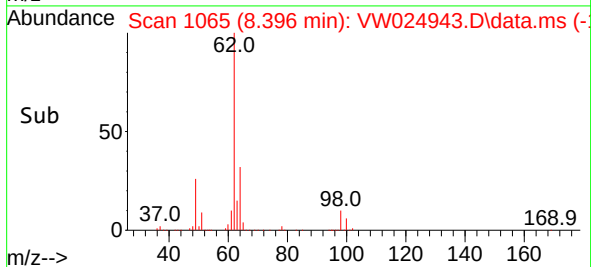
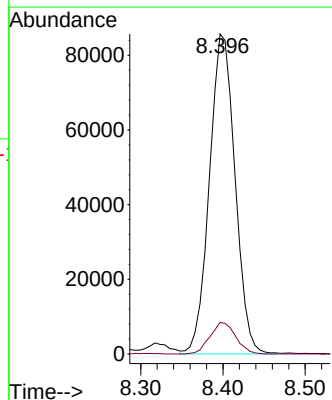
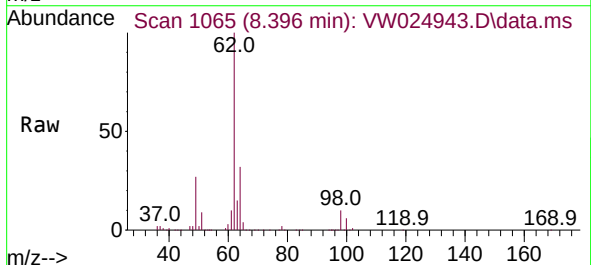
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

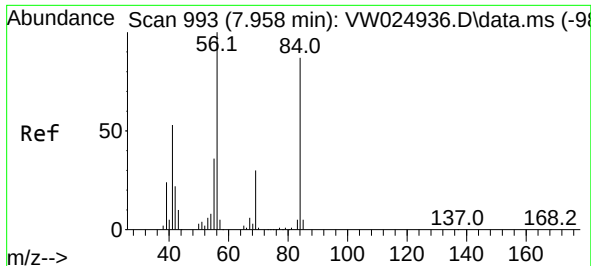
Tgt Ion: 83 Resp: 292092
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.065 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 62 Resp: 185690
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 22.724 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

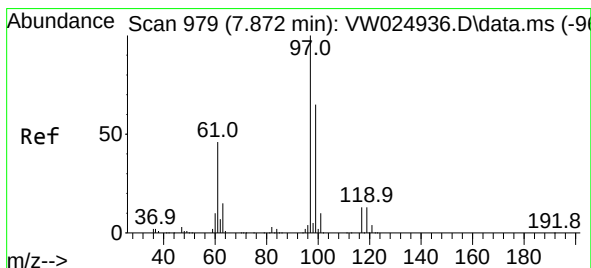
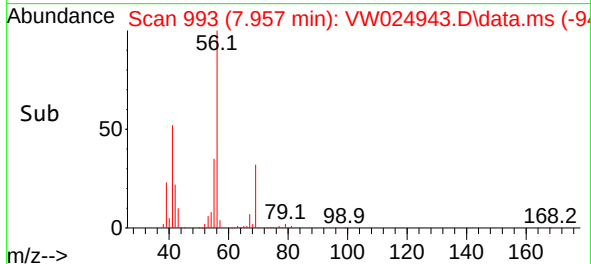
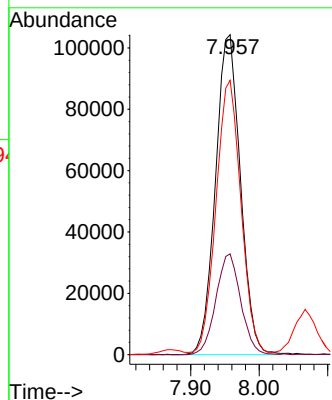
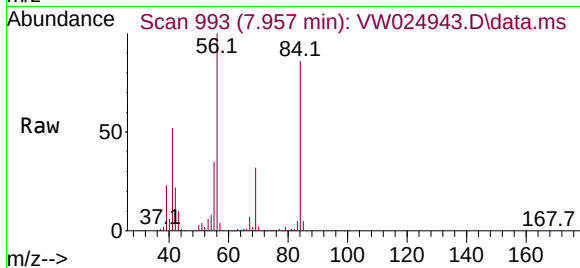
Tgt Ion: 56 Resp: 263596

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.2

84 85.9 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 25.664 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

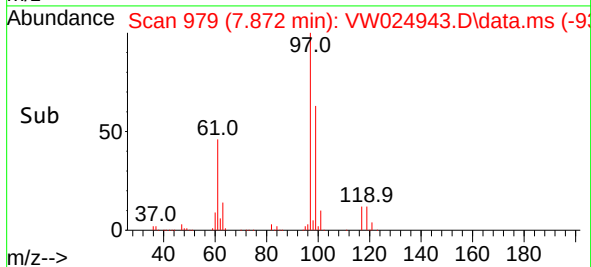
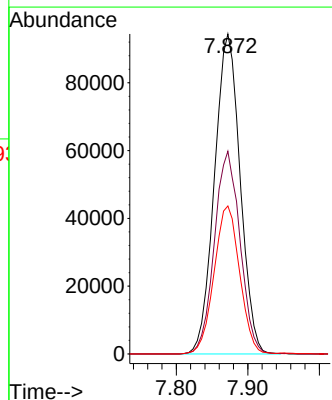
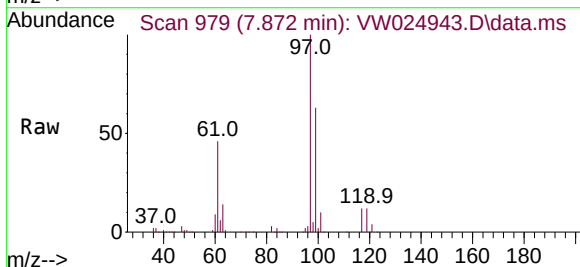
Tgt Ion: 97 Resp: 235745

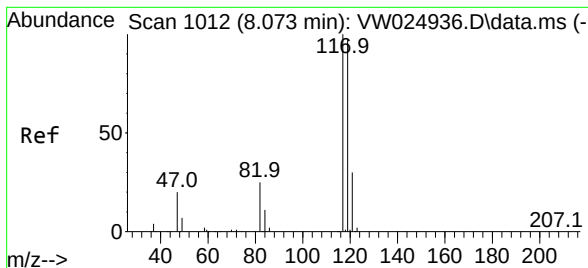
Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 46.1 37.3 55.9

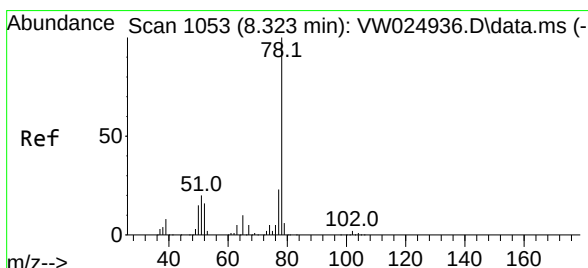
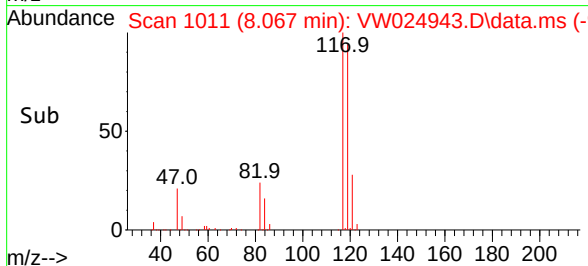
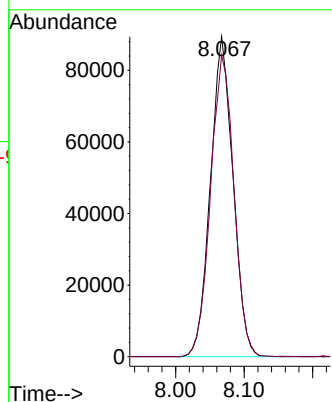
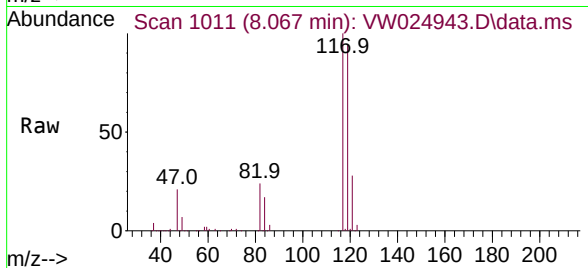




#31
Carbon tetrachloride
Concen: 25.340 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

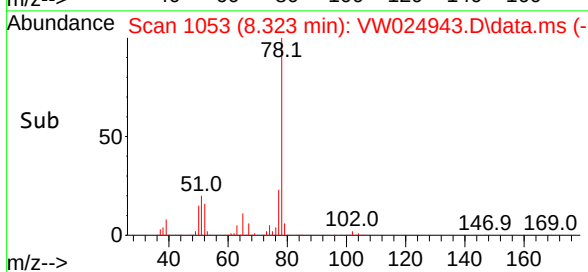
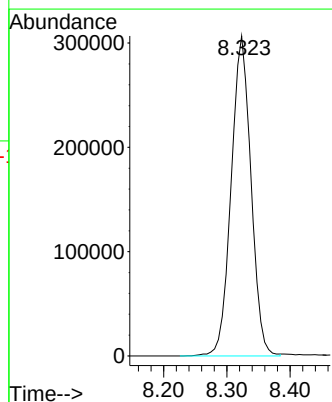
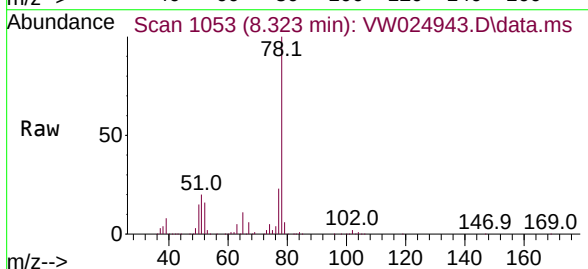
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

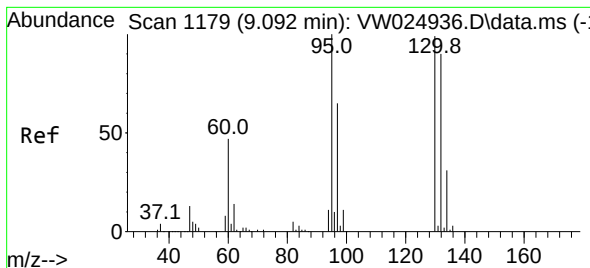
Tgt Ion:117 Resp: 204375
Ion Ratio Lower Upper
117 100
119 97.3 75.1 112.7



#33
Benzene
Concen: 24.600 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 78 Resp: 668472





#34

Trichloroethene

Concen: 24.019 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

Tgt Ion: 95 Resp: 164368

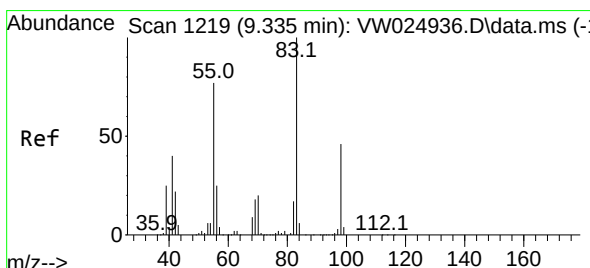
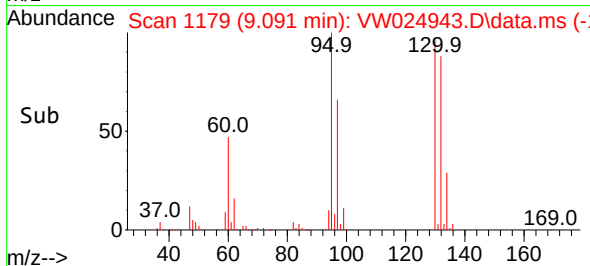
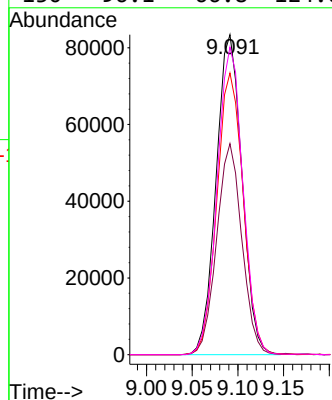
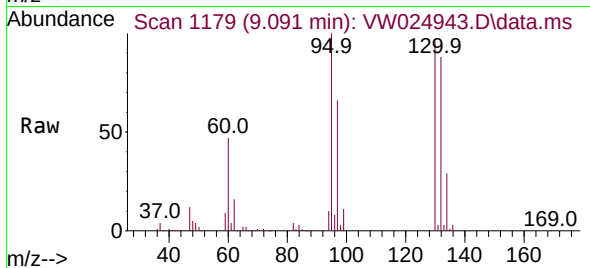
Ion Ratio Lower Upper

95 100

97 65.9 44.2 82.0

132 88.0 62.9 116.7

130 96.1 66.8 124.0



#35

Methylcyclohexane

Concen: 19.398 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

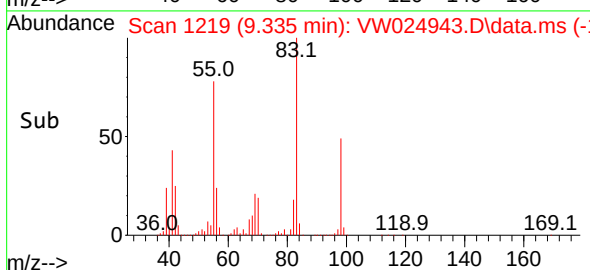
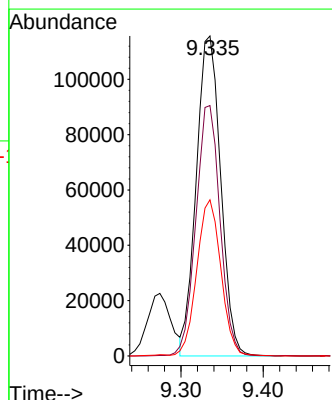
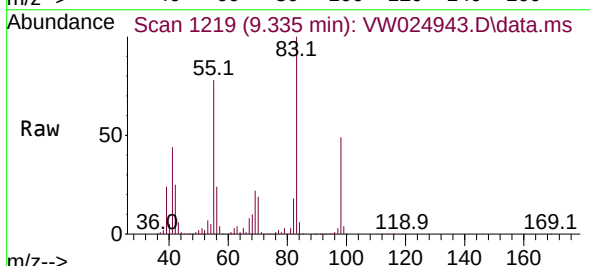
Tgt Ion: 83 Resp: 238901

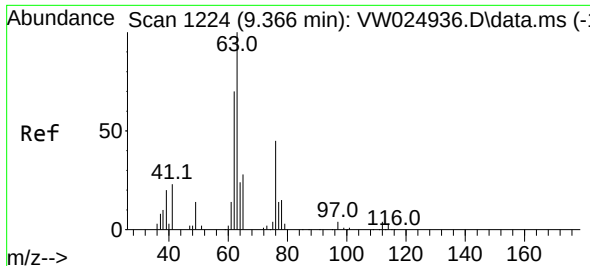
Ion Ratio Lower Upper

83 100

55 77.3 62.5 93.7

98 48.3 37.2 55.8





#37

1,2-Dichloropropane

Concen: 24.353 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

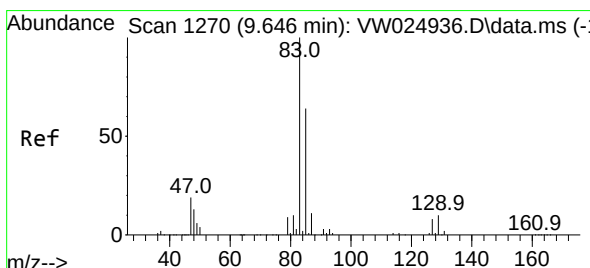
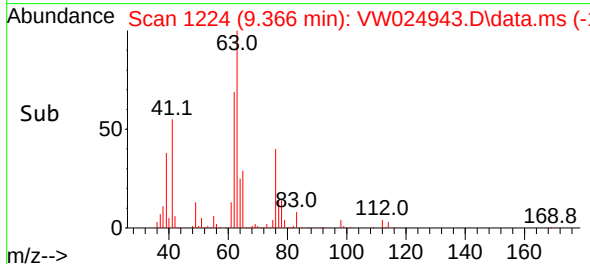
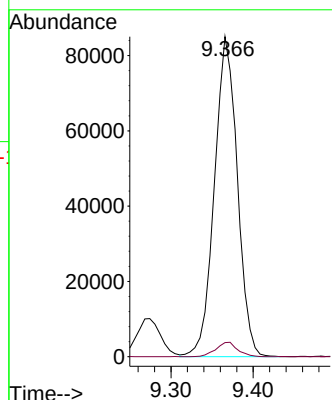
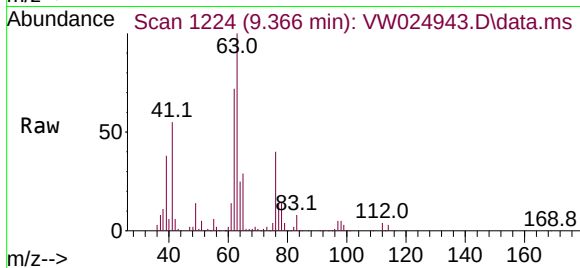
DBWK1MS

Tgt Ion: 63 Resp: 164918

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 24.715 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

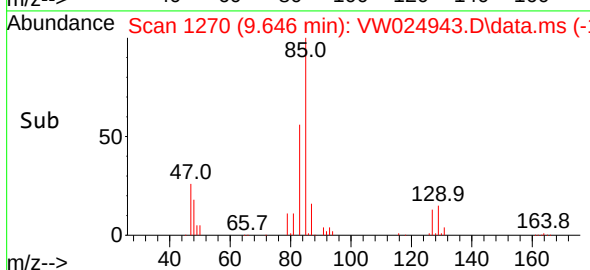
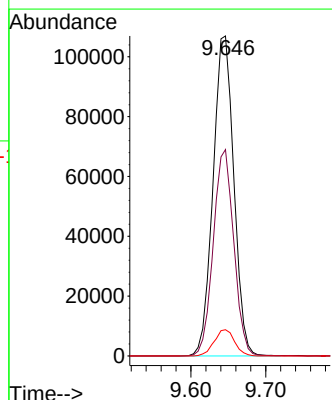
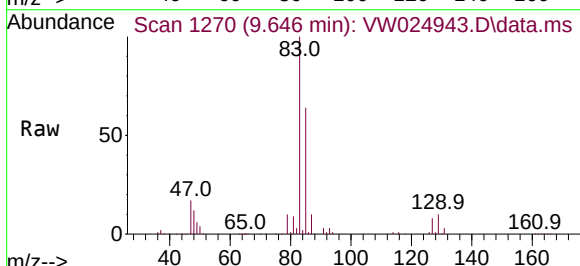
Tgt Ion: 83 Resp: 206795

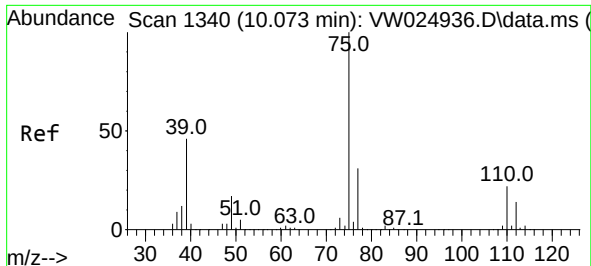
Ion Ratio Lower Upper

83 100

85 64.5 43.6 81.0

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.759 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

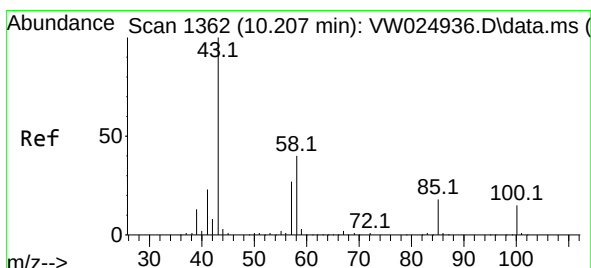
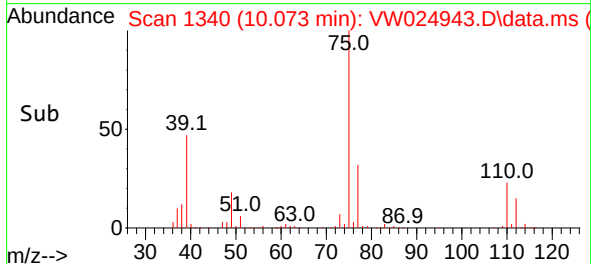
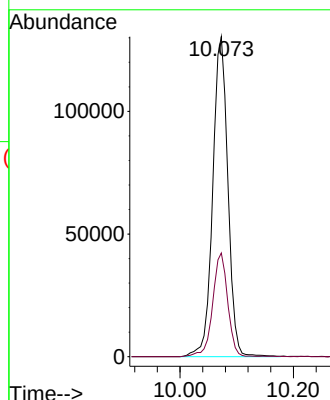
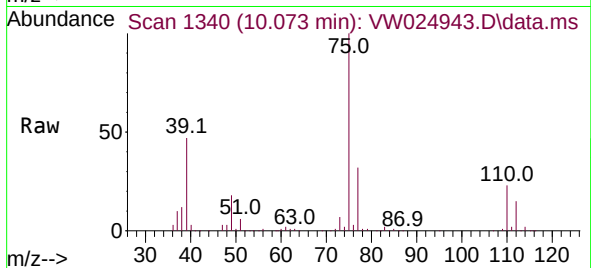
DBWK1MS

Tgt Ion: 75 Resp: 242352

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 50.936 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

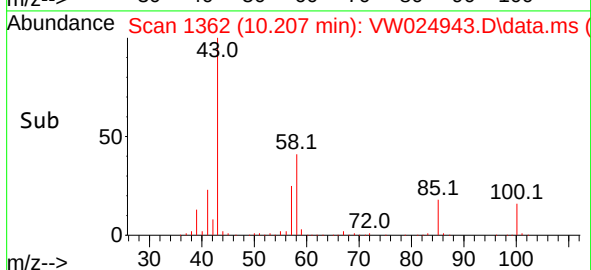
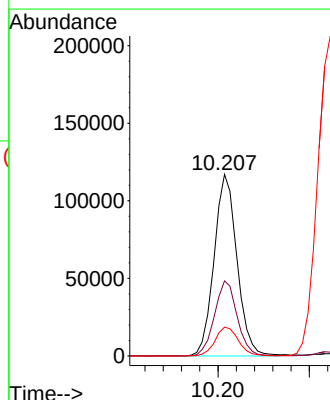
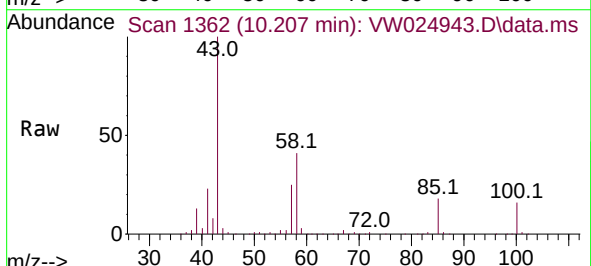
Tgt Ion: 43 Resp: 203873

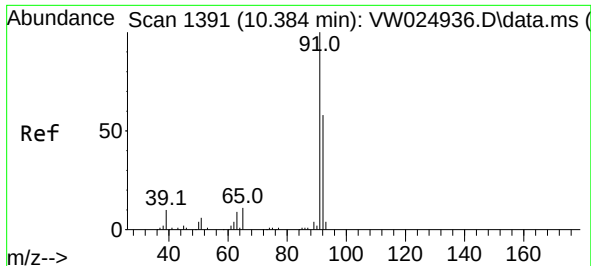
Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1

100 16.2 12.8 19.2

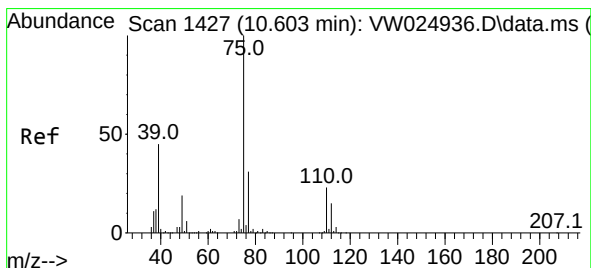
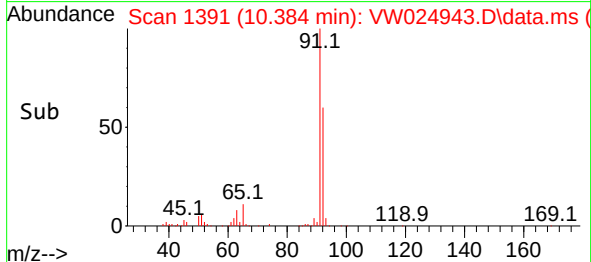
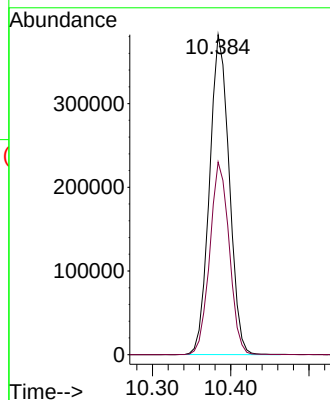
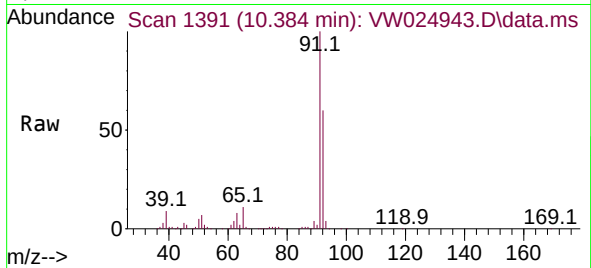




#42
Toluene
Concen: 23.907 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

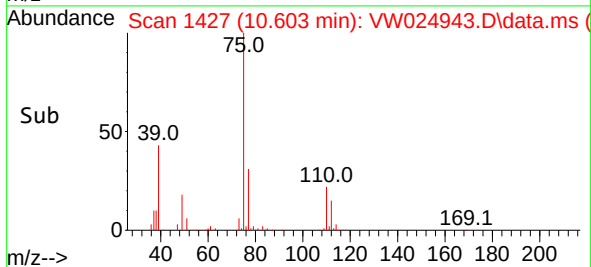
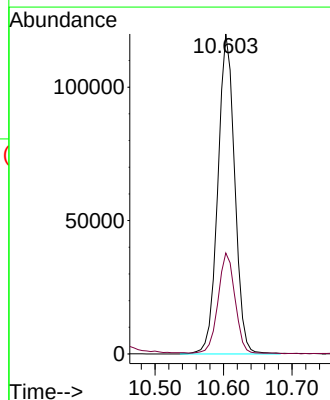
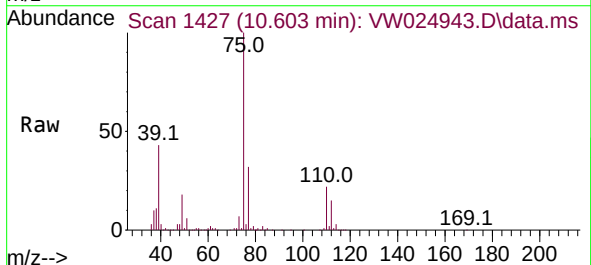
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

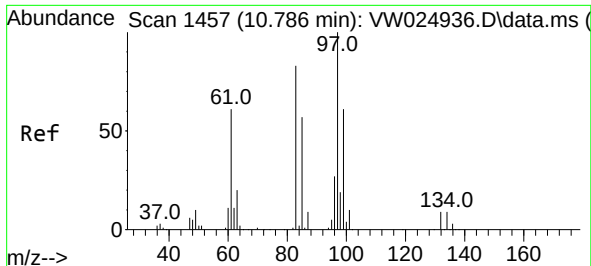
Tgt Ion: 91 Resp: 666046
Ion Ratio Lower Upper
91 100
92 60.2 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.171 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 75 Resp: 204561
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.6



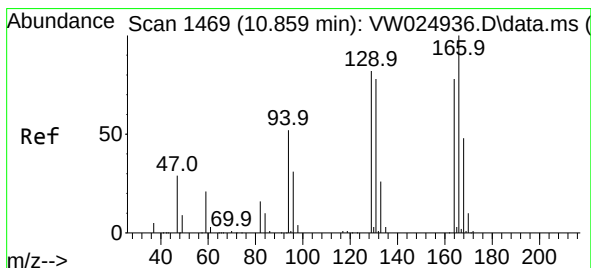
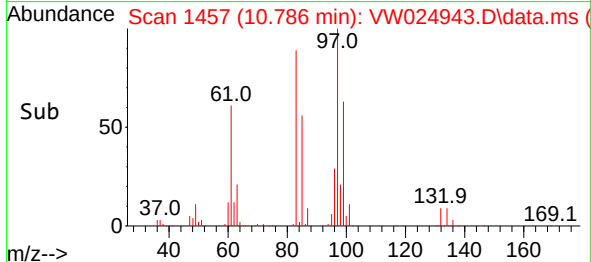
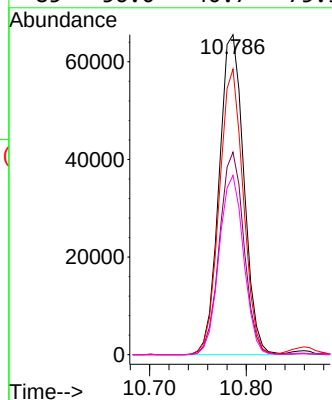
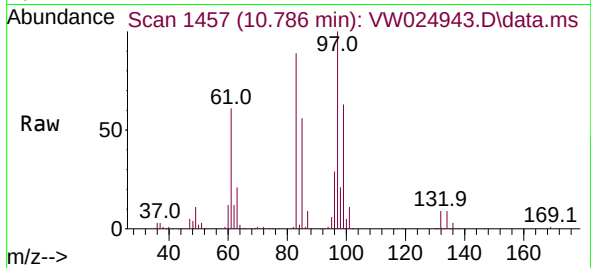


#45
1,1,2-Trichloroethane
Concen: 24.611 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

Tgt Ion: 97 Resp: 116415

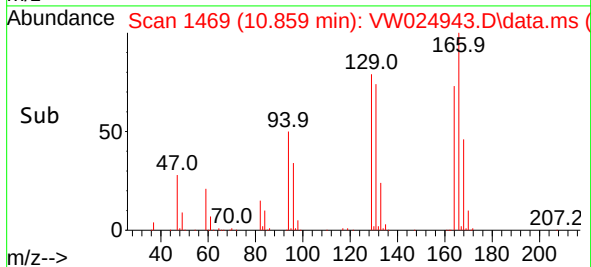
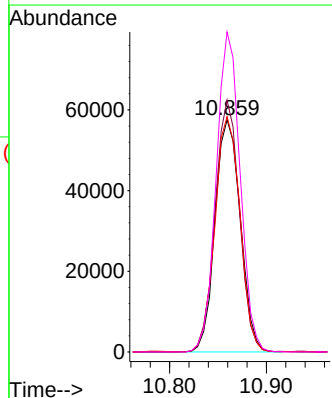
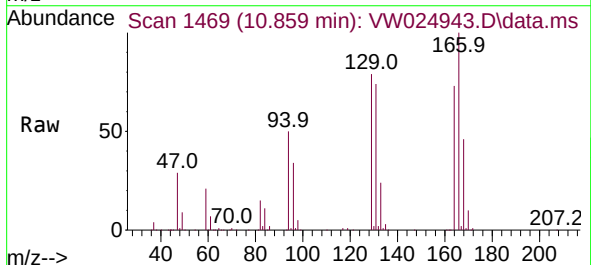
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.7	83.1
83	89.3	59.6	110.8
85	56.0	40.7	75.5

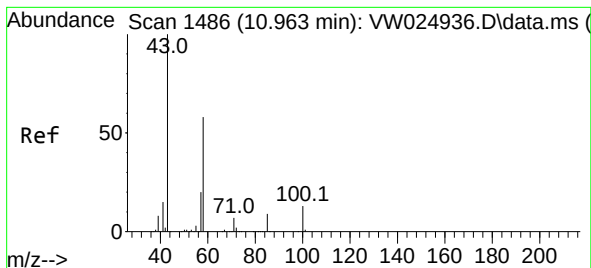


#46
Tetrachloroethene
Concen: 22.500 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 164 Resp: 104692

Ion	Ratio	Lower	Upper
164	100		
129	108.6	78.7	146.1
131	101.4	71.1	132.1
166	137.9	78.8	146.4





#48

2-Hexanone

Concen: 58.000 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

Tgt Ion: 43 Resp: 157402

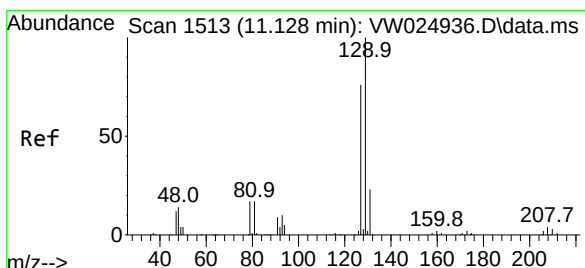
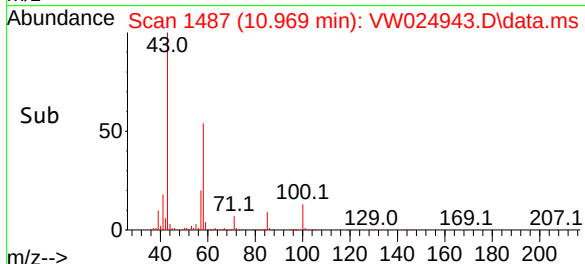
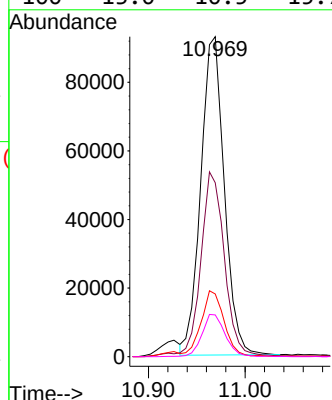
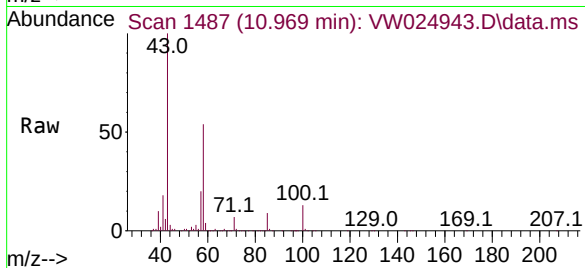
Ion Ratio Lower Upper

43 100

58 57.9 47.0 70.6

57 20.1 16.0 24.0

100 13.0 10.5 15.7



#49

Dibromochloromethane

Concen: 24.552 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024943.D

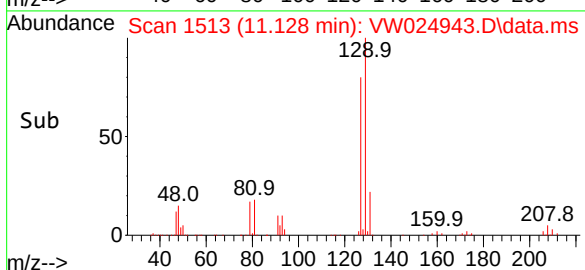
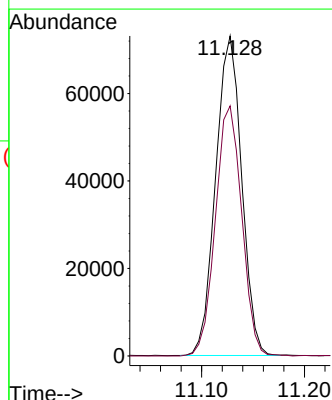
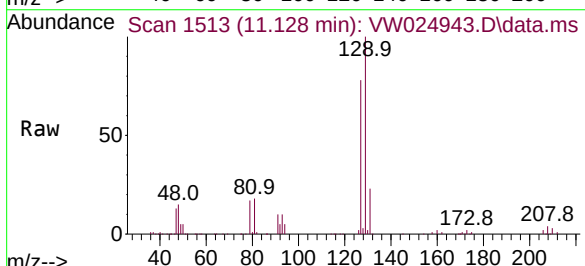
Acq: 19 Oct 2022 17:33

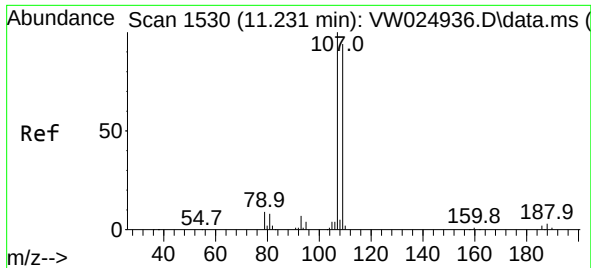
Tgt Ion:129 Resp: 128561

Ion Ratio Lower Upper

129 100

127 78.2 53.9 100.1



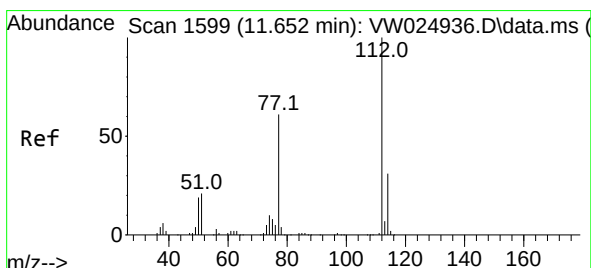
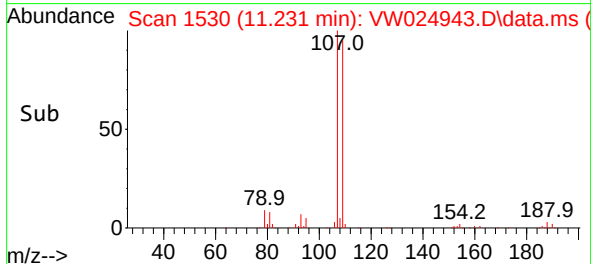
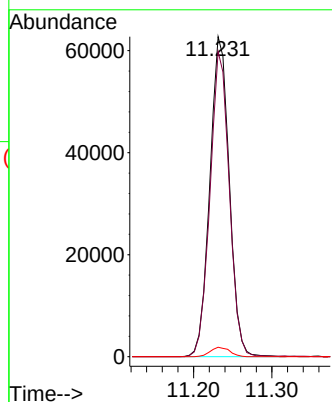
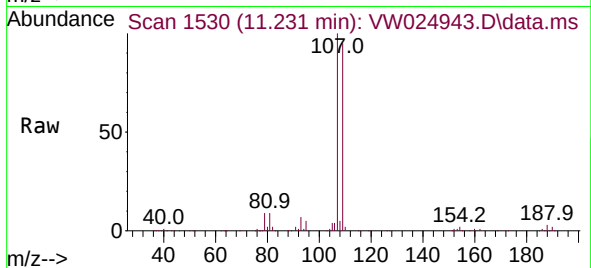


#50
1,2-Dibromoethane
Concen: 24.259 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

Tgt Ion:107 Resp: 108101

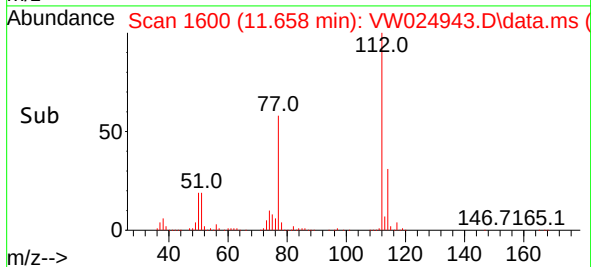
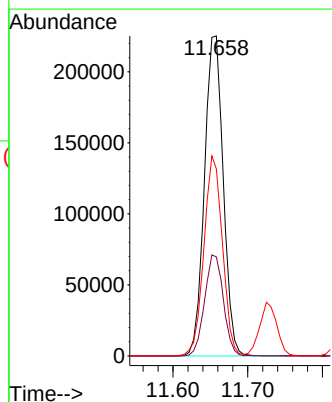
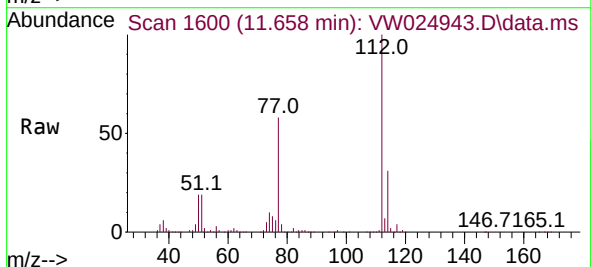
Ion	Ratio	Lower	Upper
107	100		
109	95.4	62.8	116.6
188	2.9	2.2	3.2

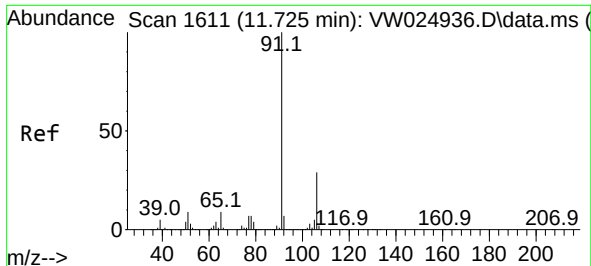


#51
Chlorobenzene
Concen: 22.477 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion:112 Resp: 393584

Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.3
77	58.5	49.8	74.8

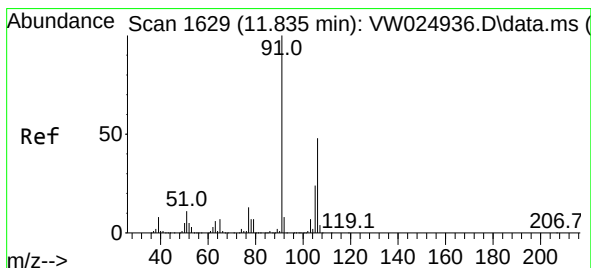
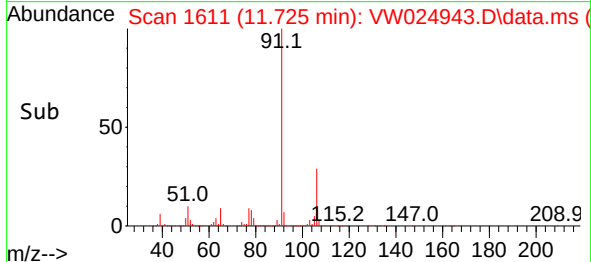
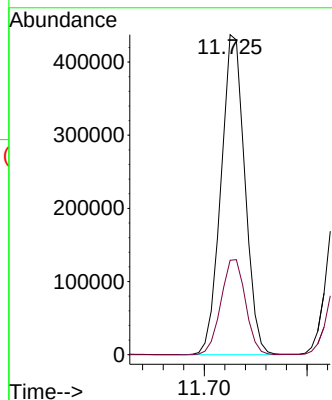
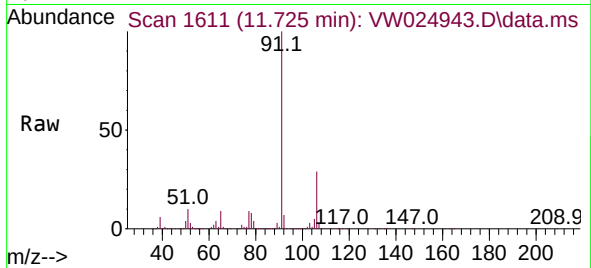




#52
Ethylbenzene
Concen: 22.596 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

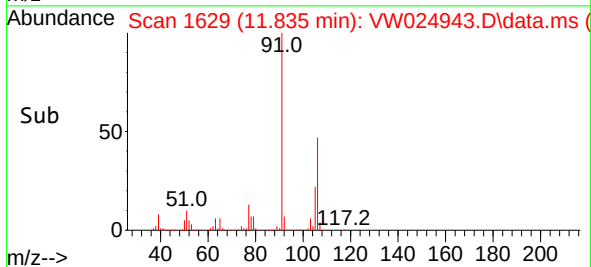
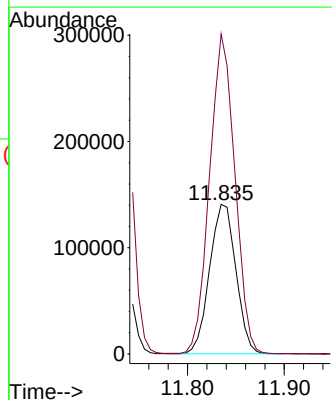
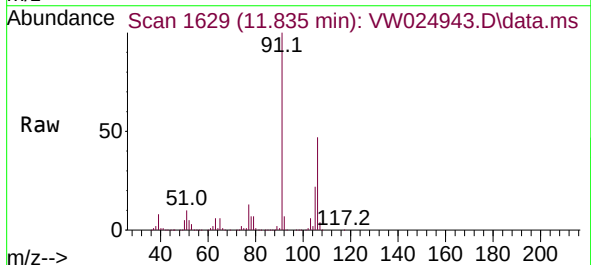
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

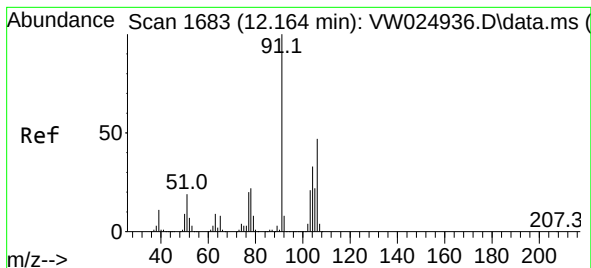
Tgt Ion: 91 Resp: 704942
Ion Ratio Lower Upper
91 100
106 29.5 20.1 37.3



#53
m,p-Xylene
Concen: 22.454 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion:106 Resp: 266147
Ion Ratio Lower Upper
106 100
91 213.9 147.4 273.8





#54

o-Xylene

Concen: 22.702 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

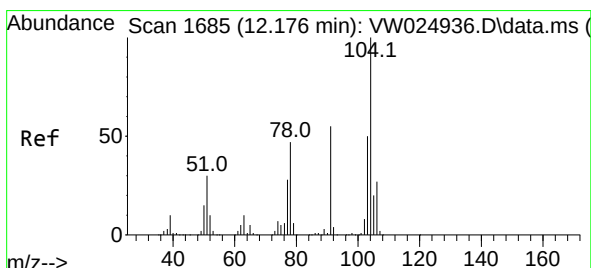
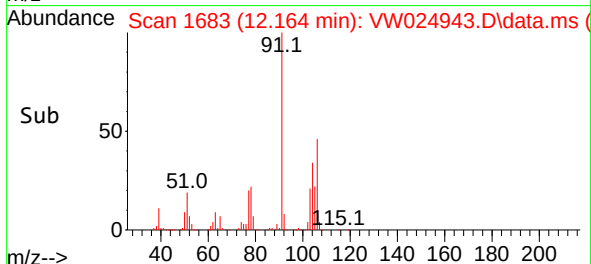
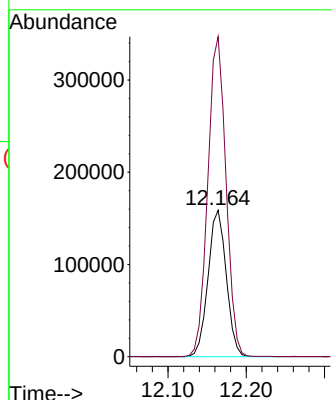
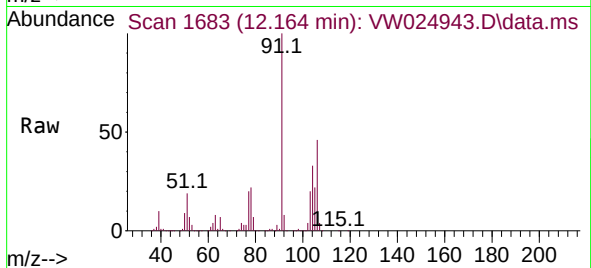
DBWK1MS

Tgt Ion:106 Resp: 256207

Ion Ratio Lower Upper

106 100

91 218.5 151.0 280.4



#55

Styrene

Concen: 22.013 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024943.D

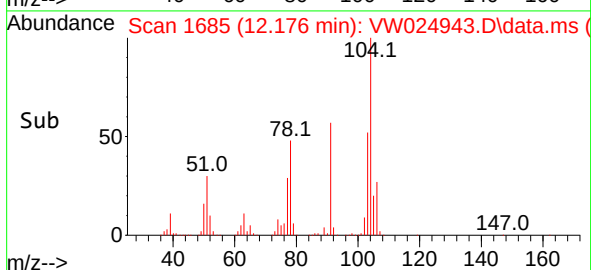
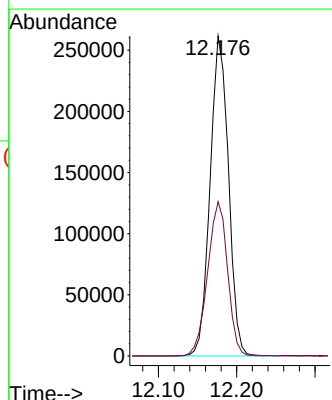
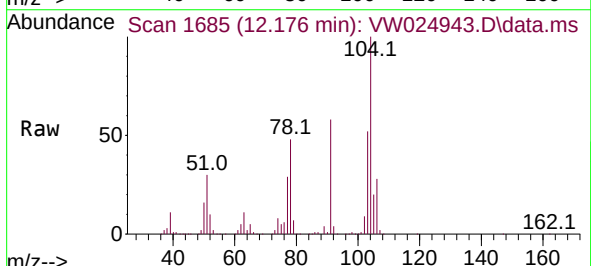
Acq: 19 Oct 2022 17:33

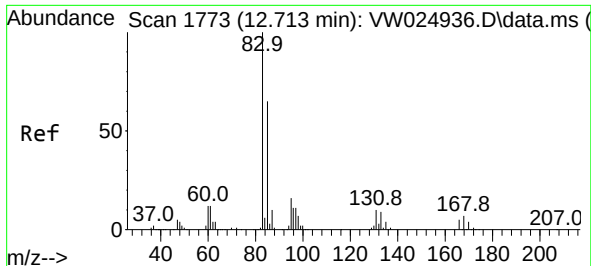
Tgt Ion:104 Resp: 426098

Ion Ratio Lower Upper

104 100

78 48.2 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 23.578 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

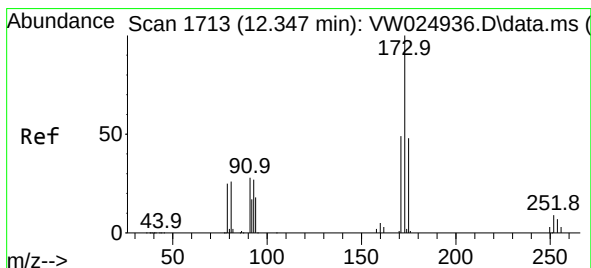
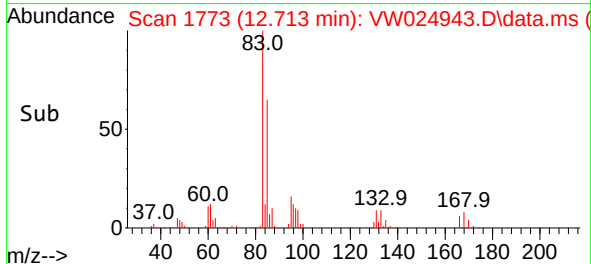
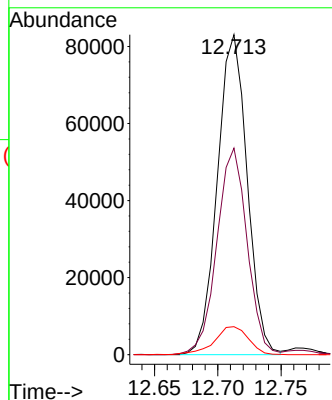
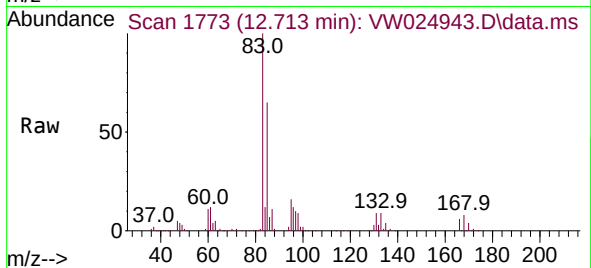
Tgt Ion: 83 Resp: 136070

Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7

131 8.7 6.8 10.2



#59

Bromoform

Concen: 28.975 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

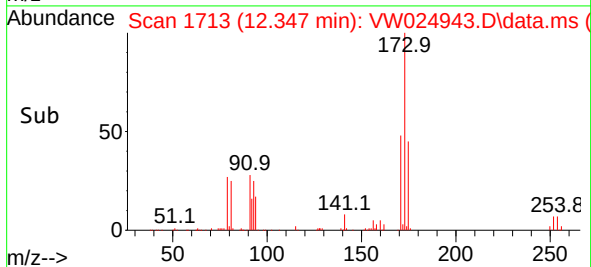
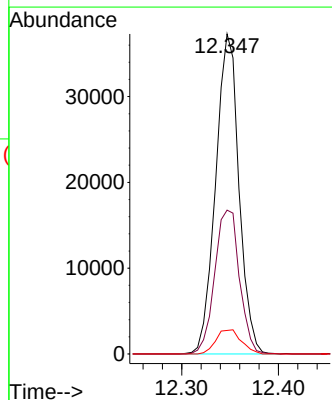
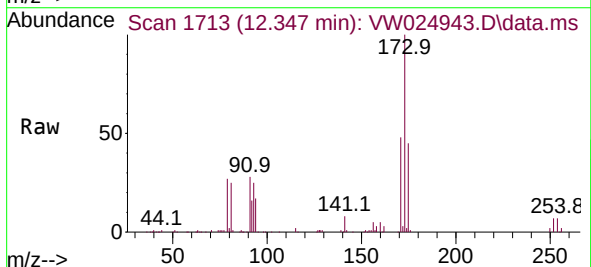
Tgt Ion:173 Resp: 62420

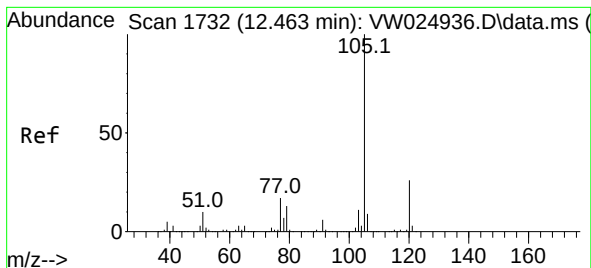
Ion Ratio Lower Upper

173 100

175 47.8 38.6 58.0

254 8.2 4.8 7.2#





#60

Isopropylbenzene

Concen: 25.183 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

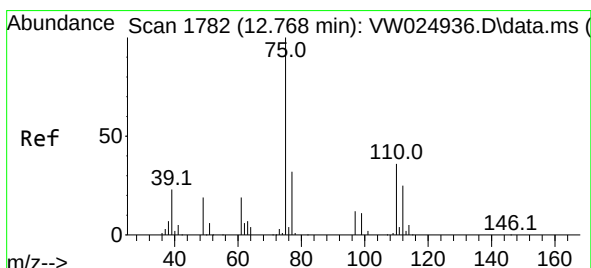
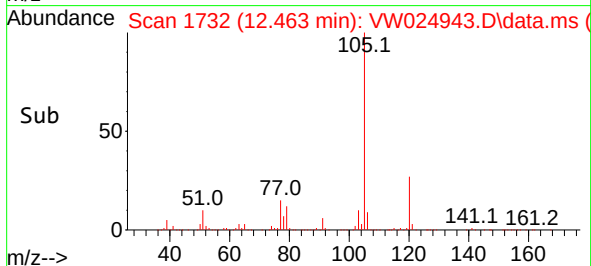
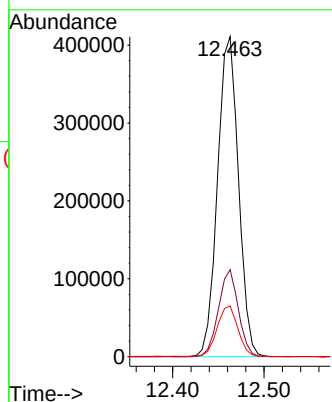
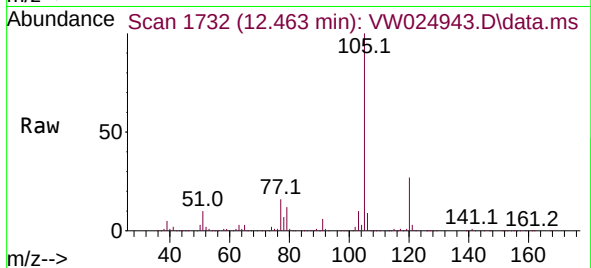
Tgt Ion:105 Resp: 653996

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 28.318 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

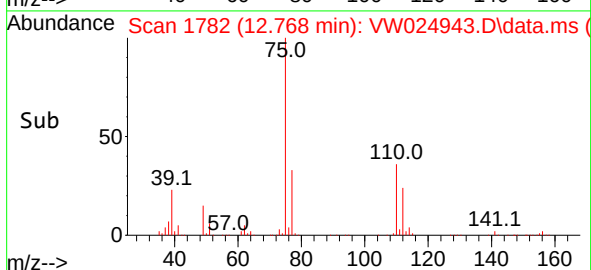
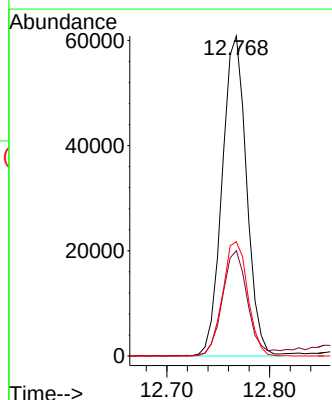
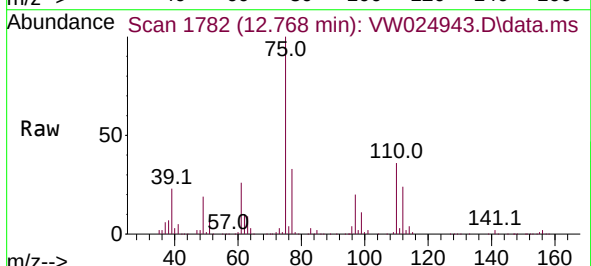
Tgt Ion: 75 Resp: 100245

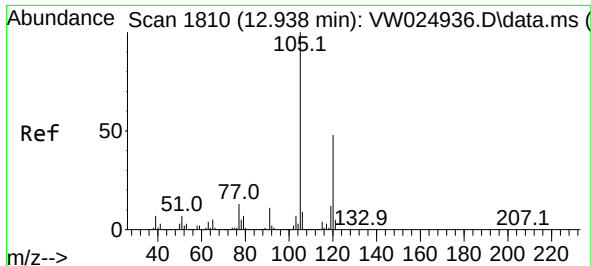
Ion Ratio Lower Upper

75 100

77 33.6 26.4 39.6

110 36.9 30.8 46.2

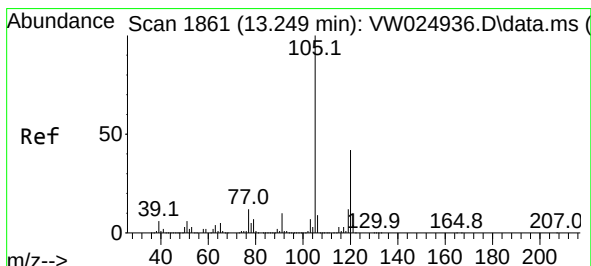
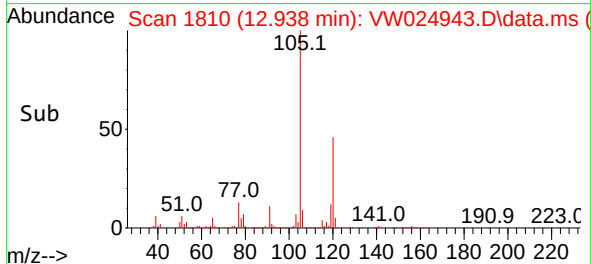
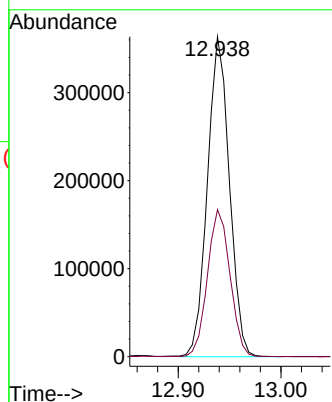
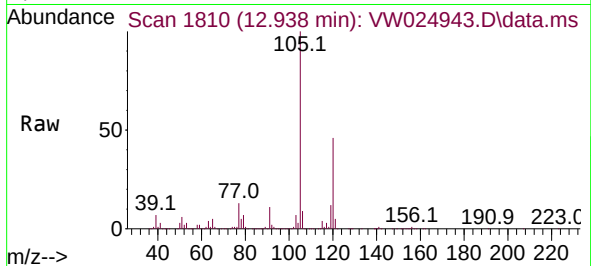




#62
1,3,5-Trimethylbenzene
Concen: 24.238 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

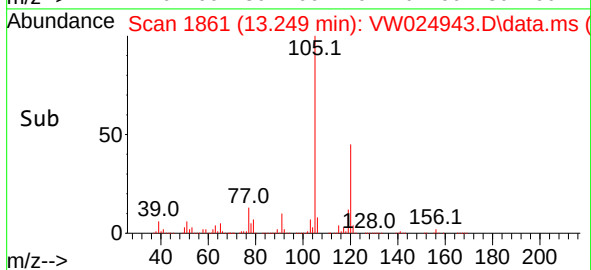
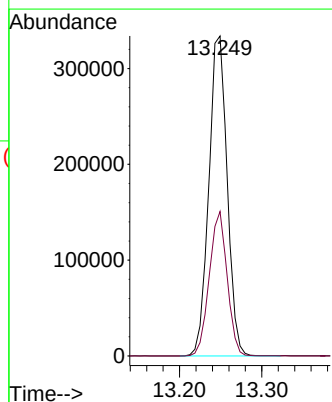
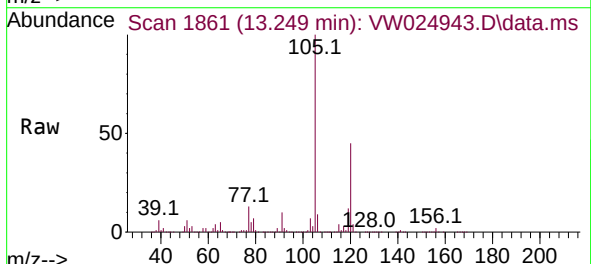
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

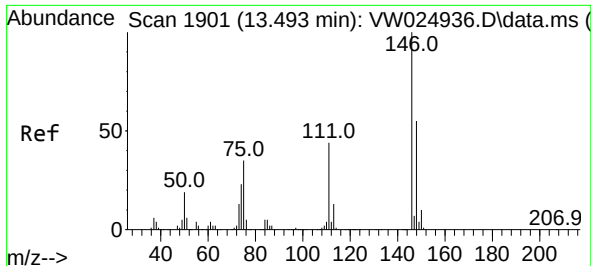
Tgt Ion:105 Resp: 540430
Ion Ratio Lower Upper
105 100
120 47.2 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 24.112 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion:105 Resp: 518355
Ion Ratio Lower Upper
105 100
120 43.9 34.8 52.2

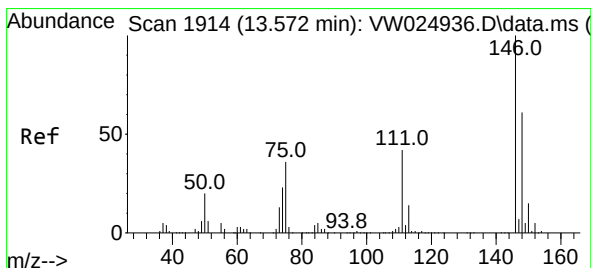
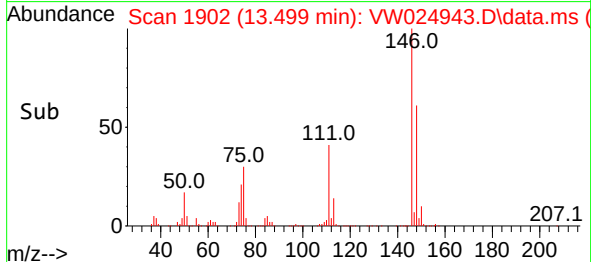
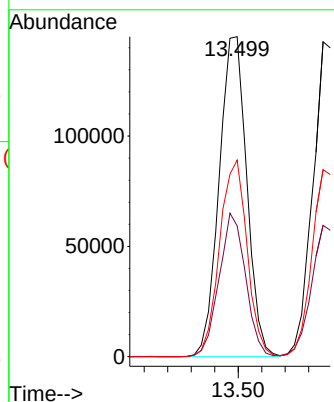
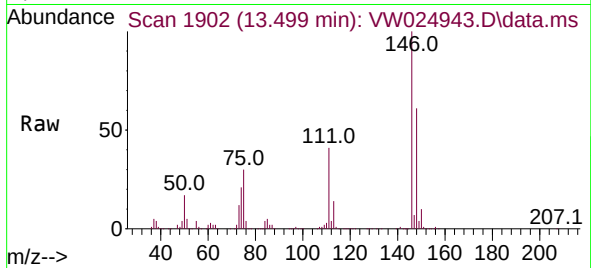




#64
1,3-Dichlorobenzene
Concen: 22.430 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

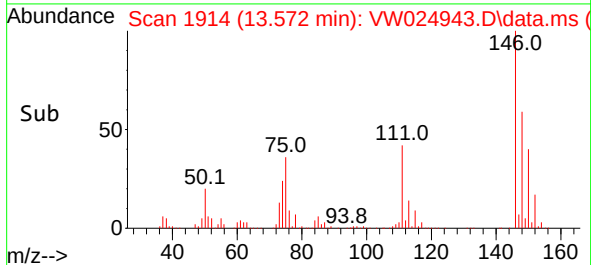
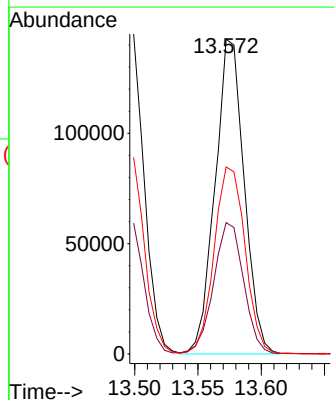
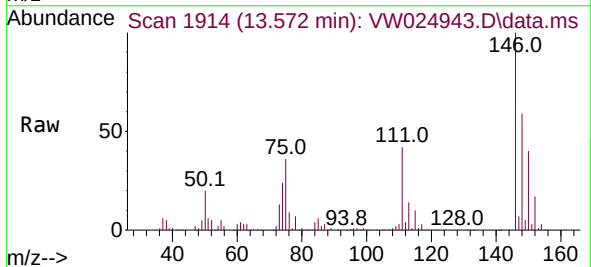
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

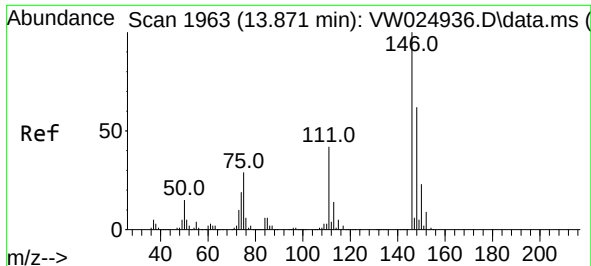
Tgt Ion:146 Resp: 237228
Ion Ratio Lower Upper
146 100
111 40.9 31.7 58.9
148 61.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 21.362 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion:146 Resp: 228697
Ion Ratio Lower Upper
146 100
111 41.7 27.4 50.8
148 59.4 42.8 79.6

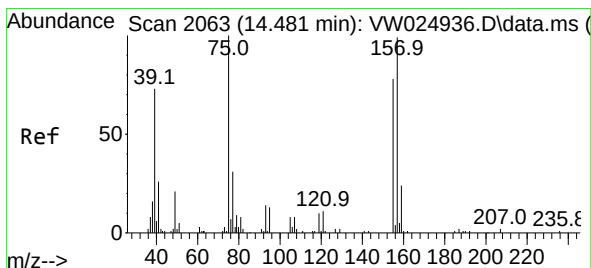
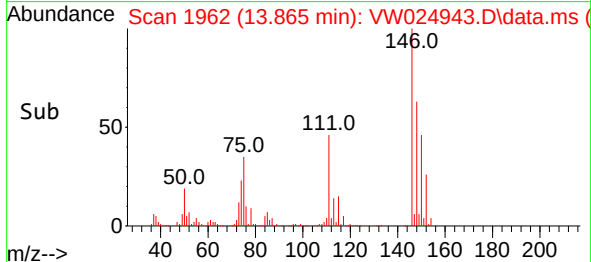
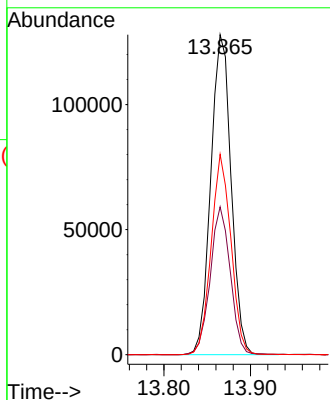
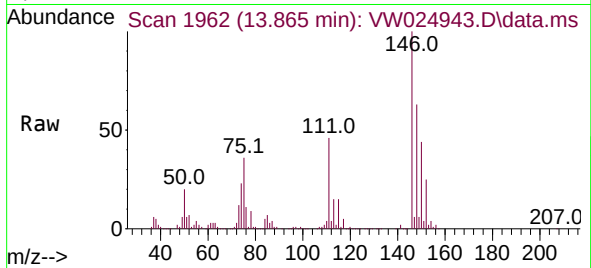




#67
1,2-Dichlorobenzene
Concen: 22.158 ug/L
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

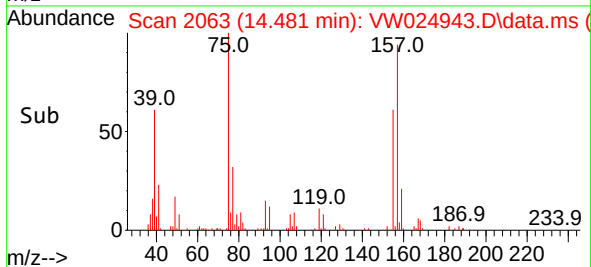
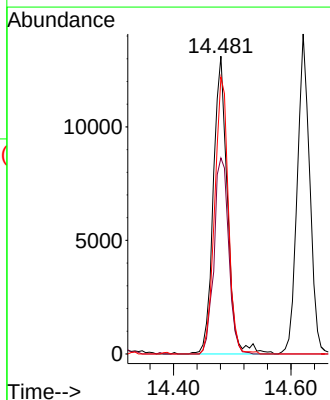
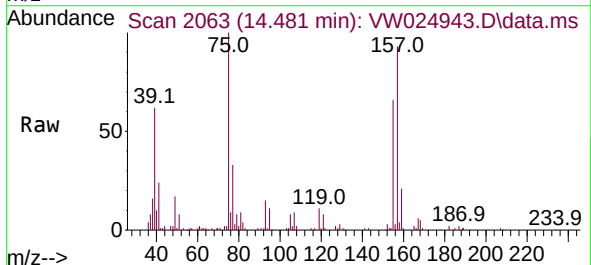
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

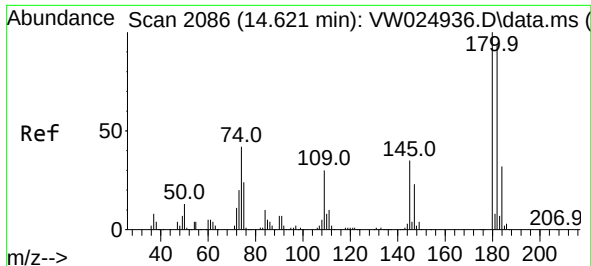
Tgt Ion:146 Resp: 208307
Ion Ratio Lower Upper
146 100
111 46.2 36.9 55.3
148 62.6 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 28.458 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion: 75 Resp: 21897
Ion Ratio Lower Upper
75 100
155 65.8 56.2 84.4
157 93.0 74.6 111.8

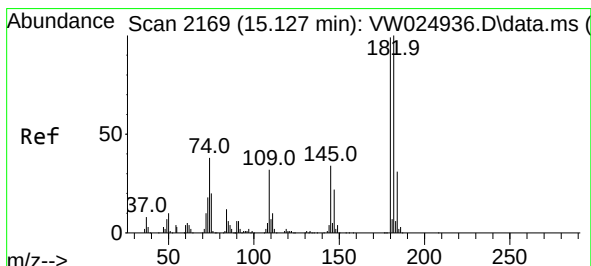
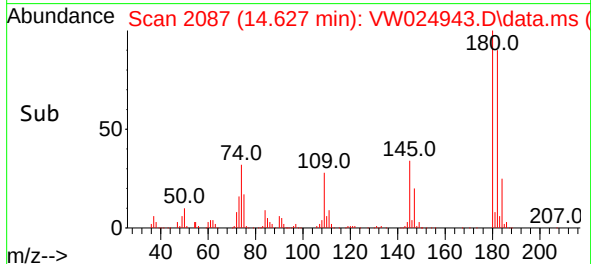
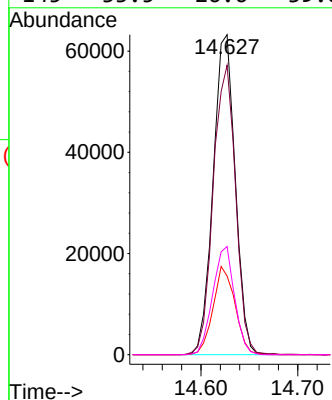
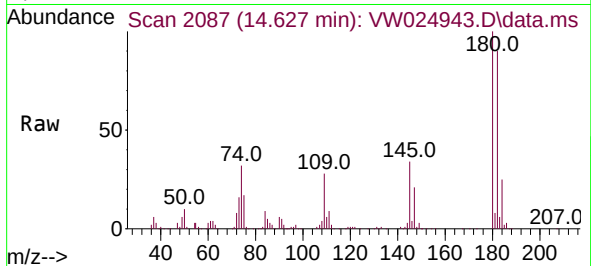




#69
1,3,5-Trichlorobenzene
Concen: 14.518 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

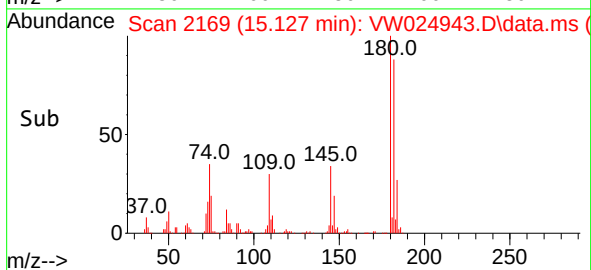
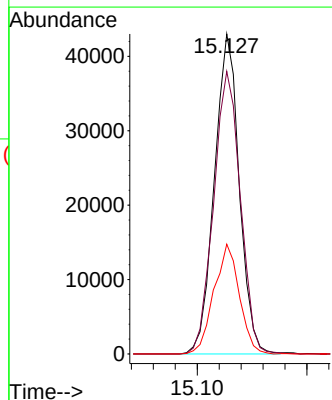
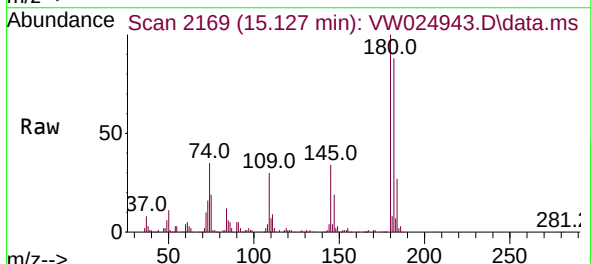
Instrument :
MSVOA_W
ClientSampleId :
DBWK1MS

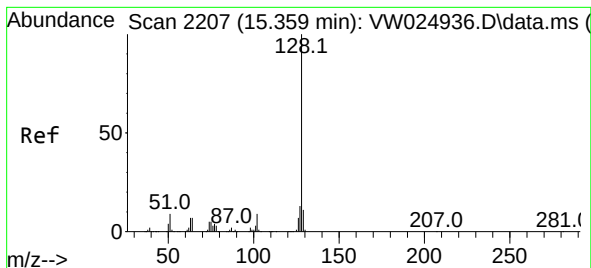
Tgt Ion:180 Resp: 100251
Ion Ratio Lower Upper
180 100
182 91.7 75.0 112.6
184 27.4 22.9 34.3
145 33.5 26.6 39.8



#70
1,2,4-trichlorobenzene
Concen: 12.098 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024943.D
Acq: 19 Oct 2022 17:33

Tgt Ion:180 Resp: 67785
Ion Ratio Lower Upper
180 100
182 94.8 77.7 116.5
145 35.0 29.0 43.4





#71

Naphthalene

Concen: 18.034 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Instrument :

MSVOA_W

ClientSampleId :

DBWK1MS

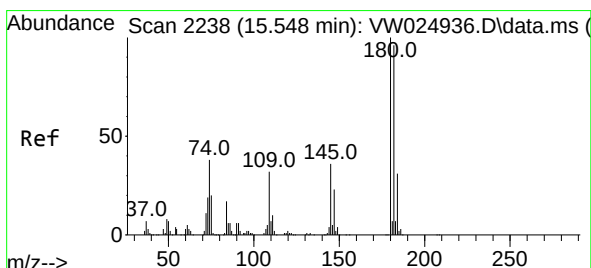
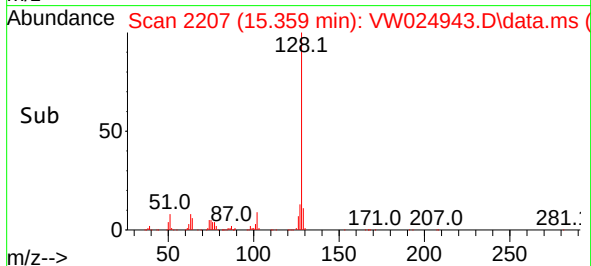
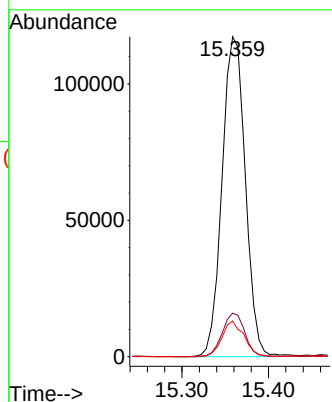
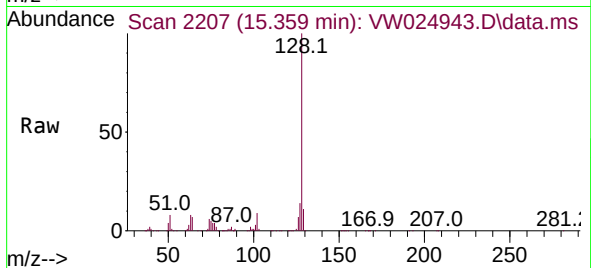
Tgt Ion:128 Resp: 218931

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 10.762 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024943.D

Acq: 19 Oct 2022 17:33

Tgt Ion:180 Resp: 51466

Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

145 36.5 29.9 44.9

