

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024474.D
 Acq On : 30 Aug 2022 03:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 06:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 30 00:24:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	335871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	178937	19.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
7) Chloroethane-d5	2.873	69	137912	19.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.013	63	184418	22.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.880%
21) 2-Butanone-d5	7.074	46	93114	54.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.200%
24) Chloroform-d	7.647	84	271863	25.177	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.299	65	159063	24.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.268	84	473775	25.335	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.274	67	152629	26.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.960%
41) Toluene-d8	10.323	98	427535	24.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	65216	23.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.920	63	77297	59.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	171310	26.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	184158	28.096	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	53934	16.032	ug/L	93
3) Chloromethane	2.209	50	152779	24.308	ug/L	98
5) Vinyl chloride	2.349	62	248563	22.623	ug/L	99
6) Bromomethane	2.763	94	151495	19.644	ug/L	95
8) Chloroethane	2.910	64	123060	21.441	ug/L	96
9) Trichlorofluoromethane	3.239	101	86397	16.722	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	127343	25.697	ug/L	97
12) 1,1-Dichloroethene	4.031	96	111387	27.764	ug/L	100
13) Acetone	4.123	43	50723	49.841	ug/L	99
14) Carbon disulfide	4.379	76	326748	24.506	ug/L	98
15) Methyl Acetate	4.672	43	62658	25.168	ug/L	93
16) Methylene chloride	4.909	84	136608	24.251	ug/L	88
17) trans-1,2-Dichloroethene	5.415	96	129975	27.371	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	237490	30.544	ug/L	96
19) 1,1-Dichloroethane	6.208	63	232975	25.945	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	145312	27.827	ug/L	96
22) 2-Butanone	7.171	43	82380	45.371	ug/L	97
23) Bromochloromethane	7.512	128	67220	26.362	ug/L	92
25) Chloroform	7.671	83	260922	26.190	ug/L	94

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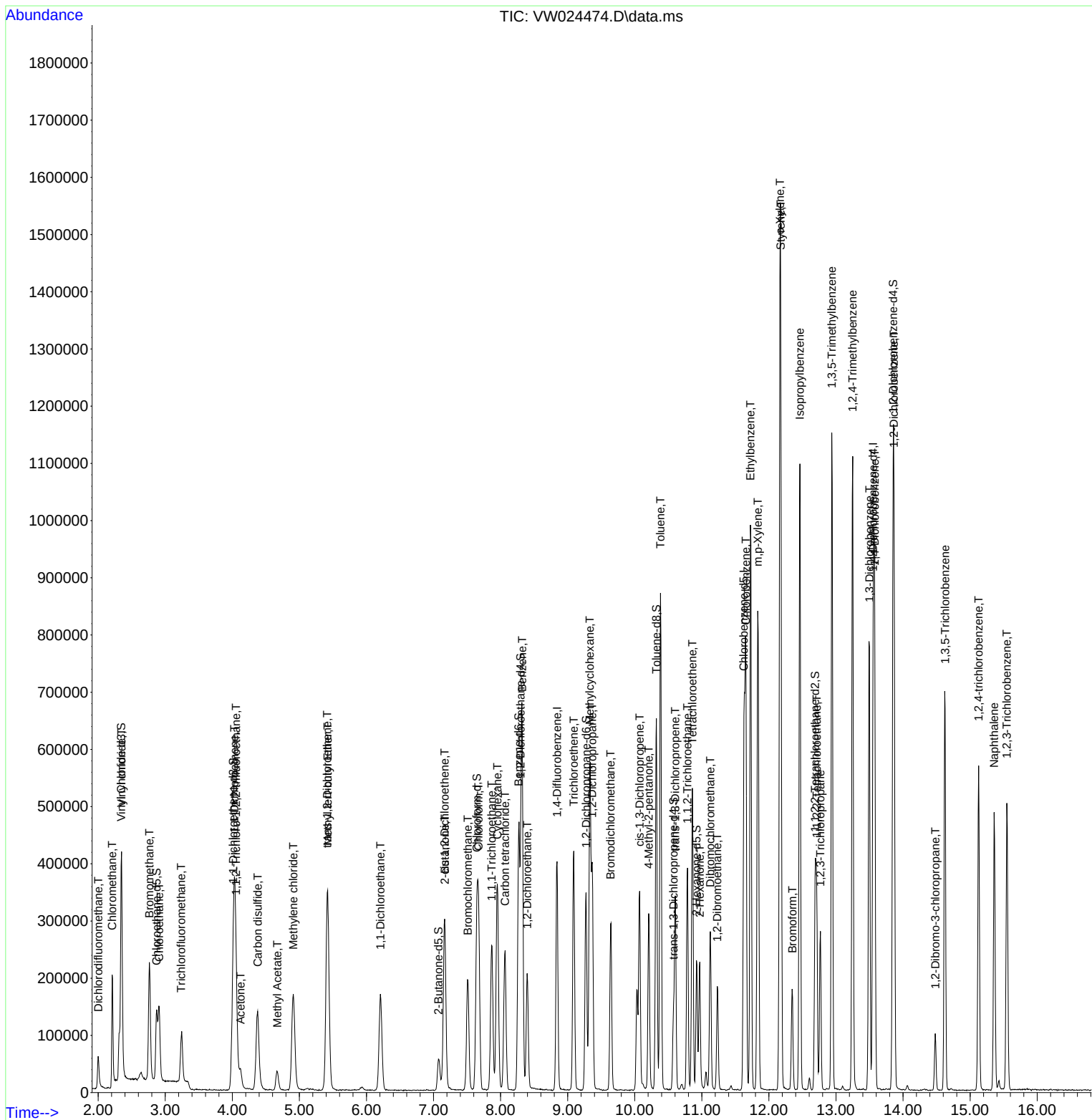
Instrument :
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 ClientSampleId :

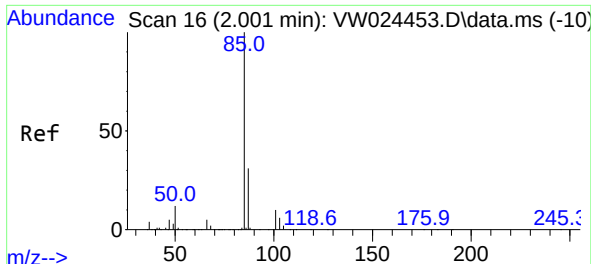
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	176718	24.368	ug/L	99
29) Cyclohexane	7.951	56	190896	27.129	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	200000	25.991	ug/L	96
31) Carbon tetrachloride	8.067	117	179900	25.555	ug/L	100
33) Benzene	8.323	78	556818	27.401	ug/L	100
34) Trichloroethene	9.091	95	140710	26.272	ug/L	95
35) Methylcyclohexane	9.329	83	234011	27.232	ug/L	96
37) 1,2-Dichloropropane	9.366	63	136641	26.055	ug/L #	97
38) Bromodichloromethane	9.640	83	189070	26.474	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	198553	27.085	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194282	52.099	ug/L	96
42) Toluene	10.384	91	615819	27.460	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	178912	25.117	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	115883	27.098	ug/L	96
46) Tetrachloroethene	10.859	164	106417	25.584	ug/L	93
48) 2-Hexanone	10.969	43	137938	50.148	ug/L	95
49) Dibromochloromethane	11.128	129	137778	27.239	ug/L	98
50) 1,2-Dibromoethane	11.231	107	112101	27.266	ug/L	90
51) Chlorobenzene	11.658	112	402104	26.714	ug/L	99
52) Ethylbenzene	11.725	91	685439	27.645	ug/L	98
53) m,p-Xylene	11.835	106	268222	27.546	ug/L	97
54) o-Xylene	12.164	106	262637	28.853	ug/L	96
55) Styrene	12.176	104	460917	28.646	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	149928	25.117	ug/L	96
59) Bromoform	12.353	173	73373	26.268	ug/L	99
60) Isopropylbenzene	12.463	105	681103	29.462	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108246	27.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	587009	31.490	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	584508	32.282	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	309803	28.028	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	310852	26.638	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	294000	28.376	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24241	24.513	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	195674	27.428	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	162046	29.219	ug/L	97
71) Naphthalene	15.359	128	392353	32.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150054	28.628	ug/L	97

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

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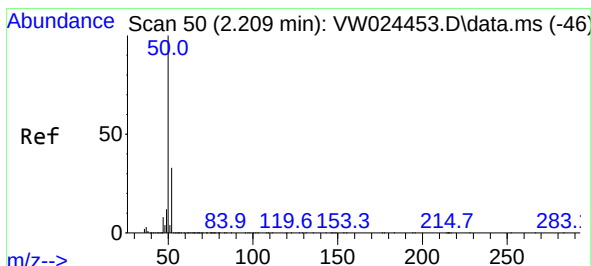
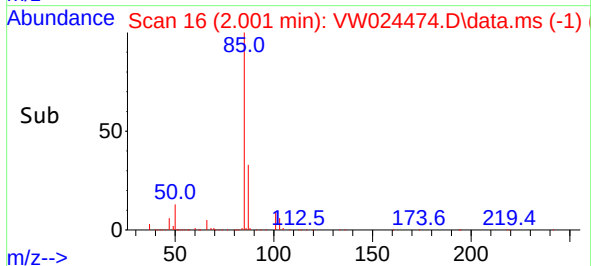
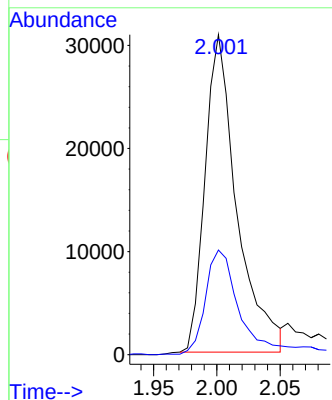
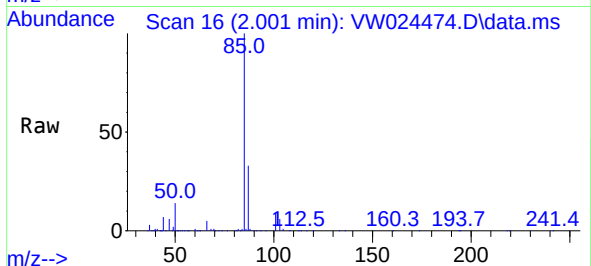




#2
Dichlorodifluoromethane
Concen: 16.032 ug/L
RT: 2.001 min Scan# 16
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

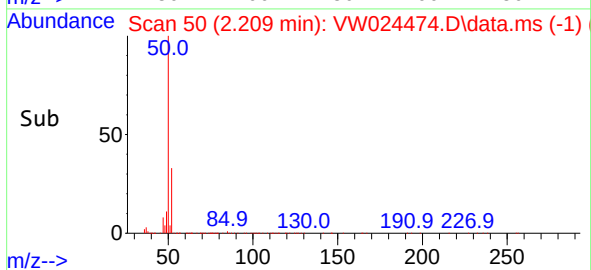
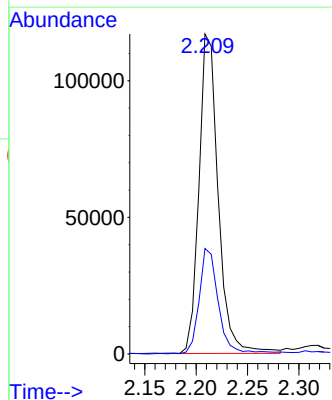
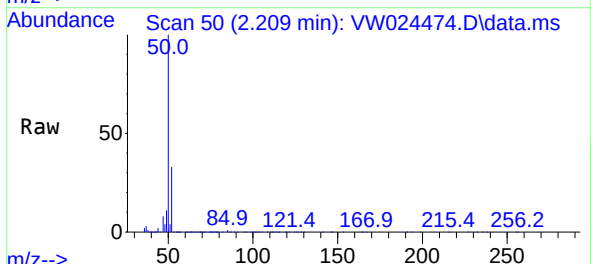
Instrument :
MSVOA_W
ClientSampleId :

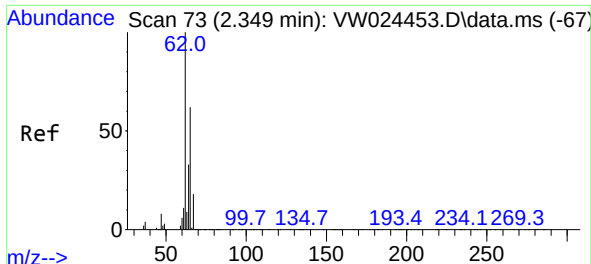
Tgt Ion: 85 Resp: 53934
Ion Ratio Lower Upper
85 100
87 34.6 24.7 37.1



#3
Chloromethane
Concen: 24.308 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 50 Resp: 152779
Ion Ratio Lower Upper
50 100
52 33.0 22.3 41.5

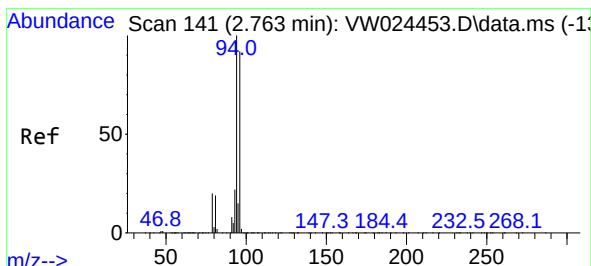
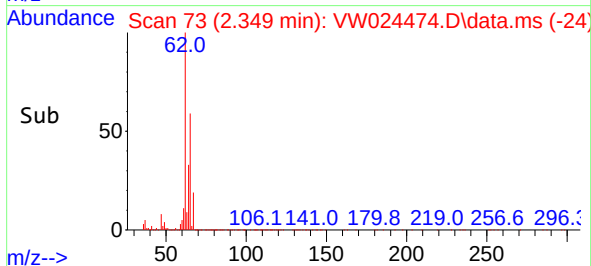
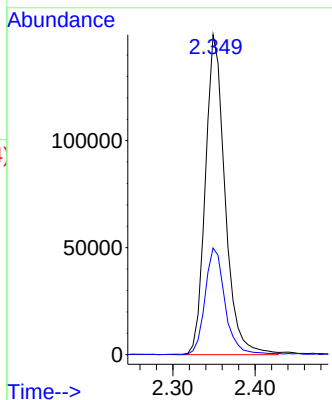
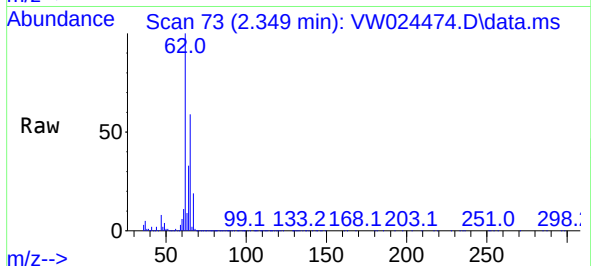




#5
 Vinyl chloride
 Concen: 22.623 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024474.D
 Acq: 30 Aug 2022 03:29

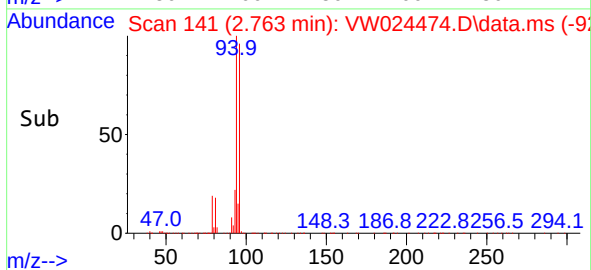
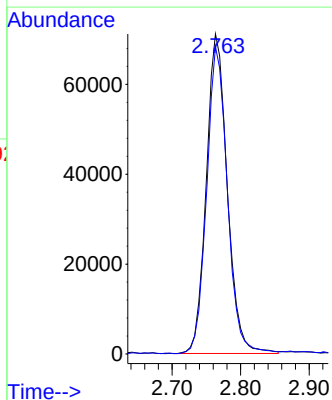
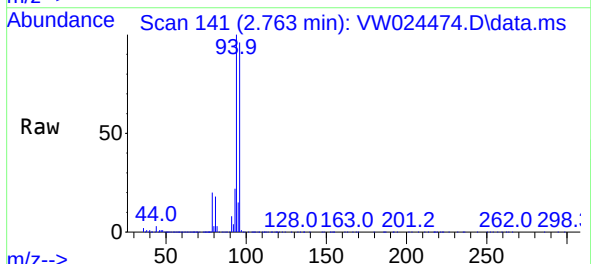
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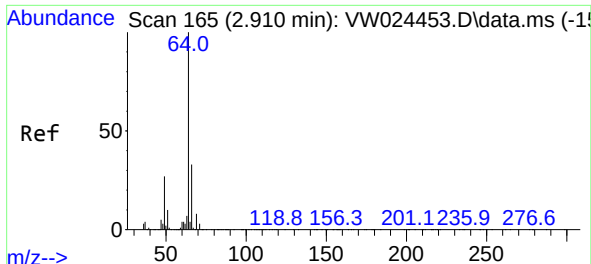
Tgt Ion: 62 Resp: 248563
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 19.644 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024474.D
 Acq: 30 Aug 2022 03:29

Tgt Ion: 94 Resp: 151495
 Ion Ratio Lower Upper
 94 100
 96 96.0 63.6 118.0





#8

Chloroethane

Concen: 21.441 ug/L

RT: 2.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

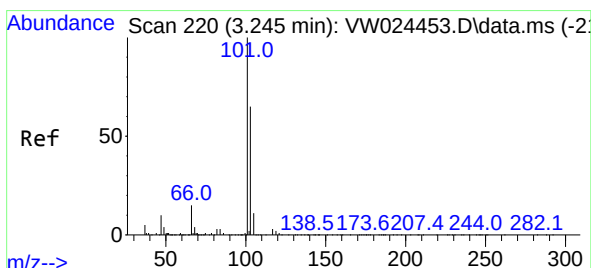
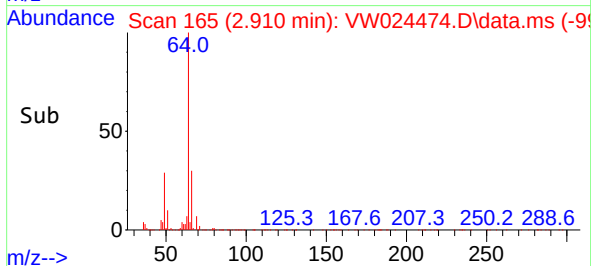
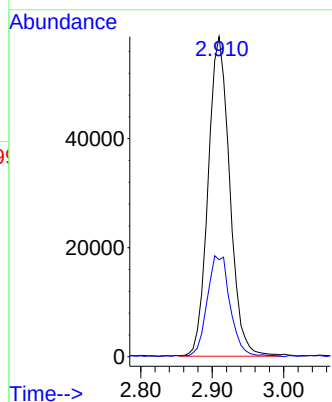
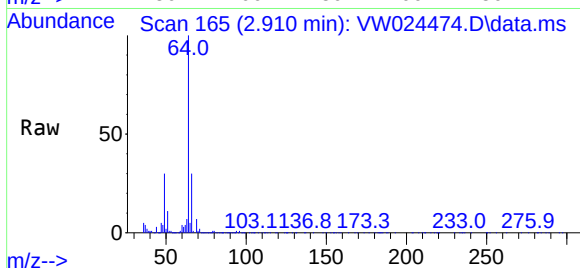
ClientSampleId :

Tgt Ion: 64 Resp: 123060

Ion Ratio Lower Upper

64 100

66 30.3 23.0 42.6



#9

Trichlorofluoromethane

Concen: 16.722 ug/L

RT: 3.239 min Scan# 219

Delta R.T. -0.006 min

Lab File: VW024474.D

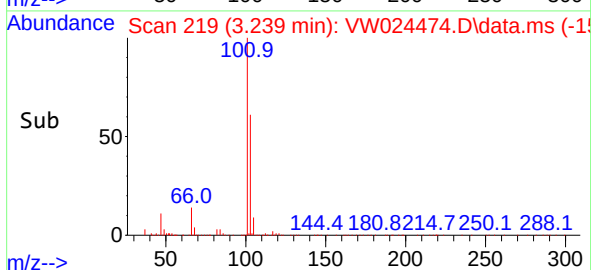
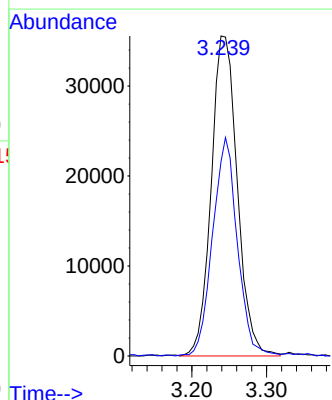
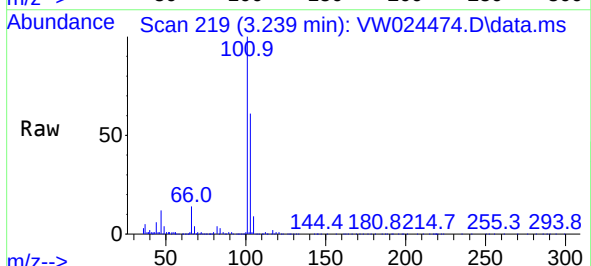
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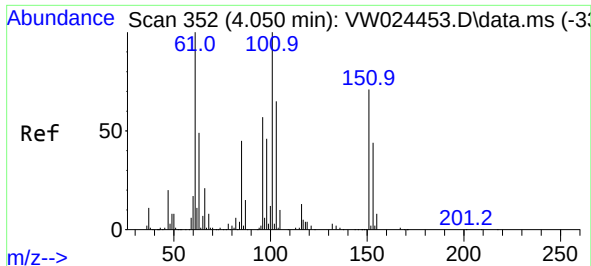
Tgt Ion: 101 Resp: 86397

Ion Ratio Lower Upper

101 100

103 63.3 50.4 75.6

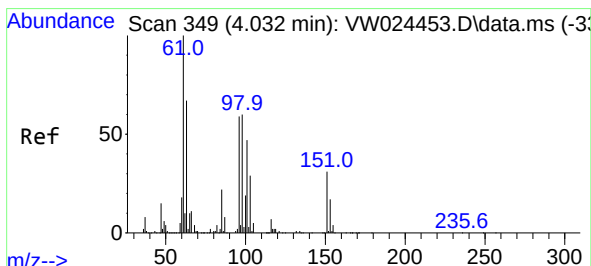
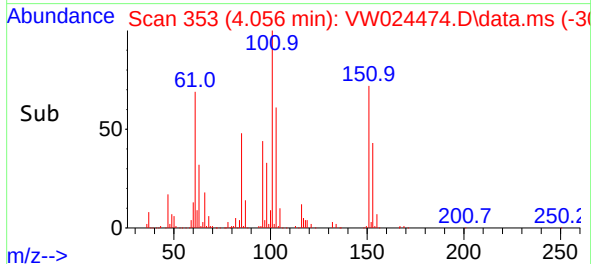
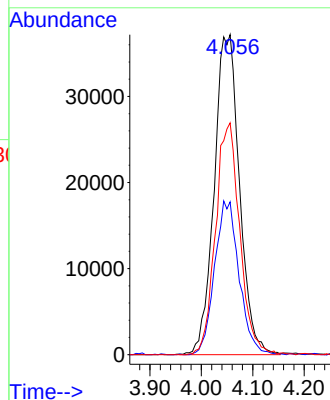
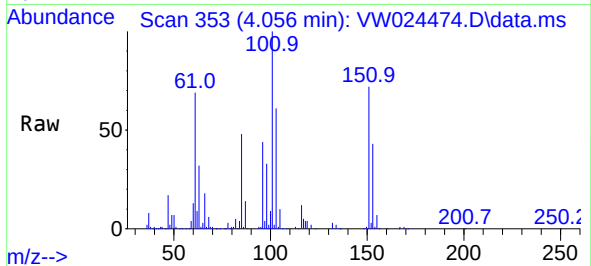




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.697 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW024474.D
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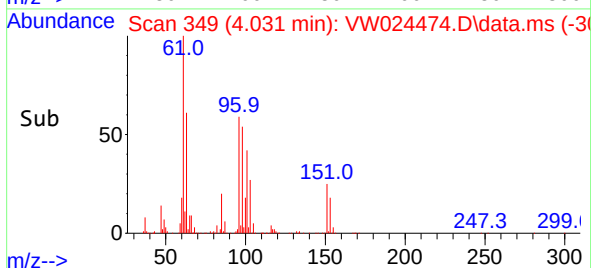
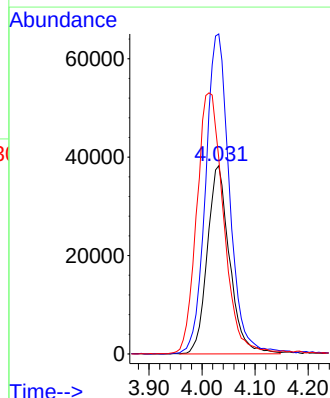
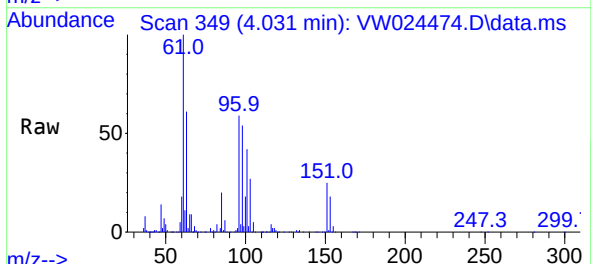
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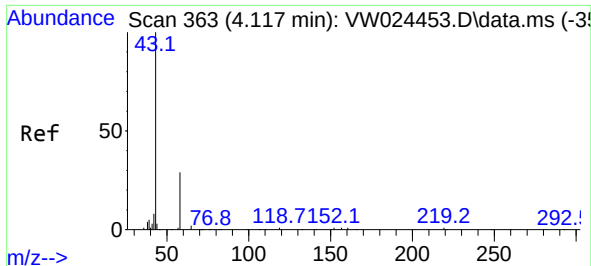
Tgt Ion:101 Resp: 127343
 Ion Ratio Lower Upper
 101 100
 85 46.4 39.1 58.7
 151 69.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 27.764 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024474.D
 Acq: 30 Aug 2022 03:29

Tgt Ion: 96 Resp: 111387
 Ion Ratio Lower Upper
 96 100
 61 170.1 118.8 220.6
 63 104.2 72.8 135.2

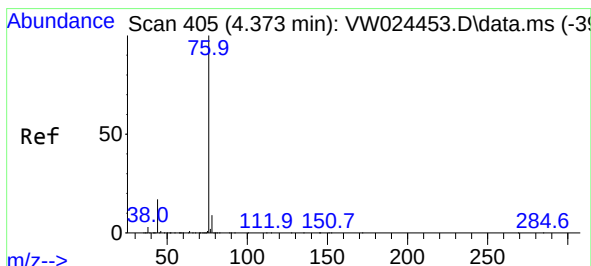
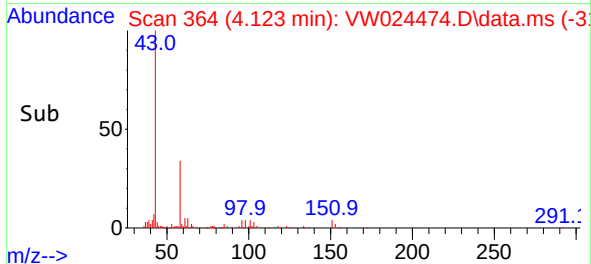
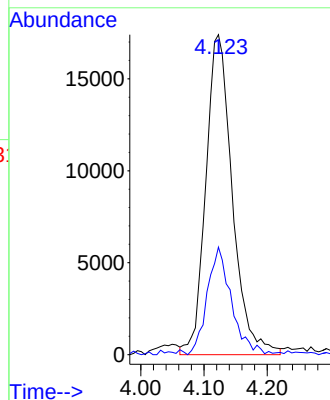
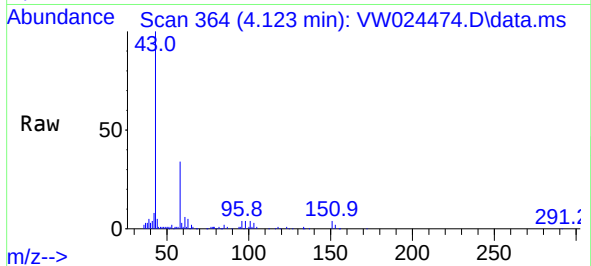




#13
Acetone
Concen: 49.841 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

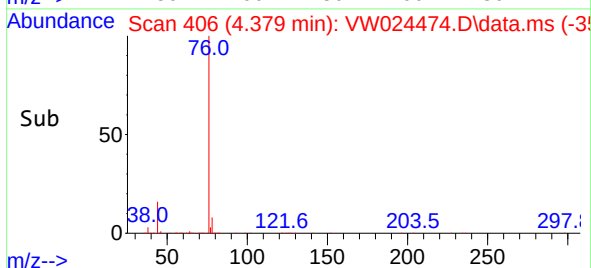
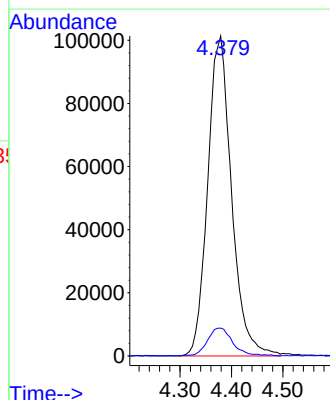
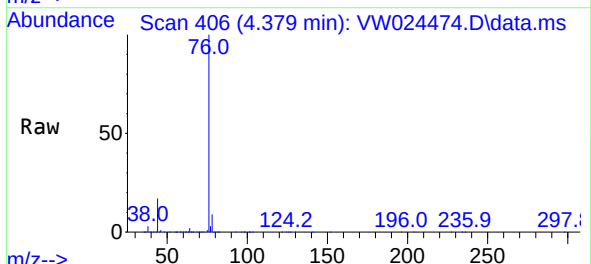
Instrument :
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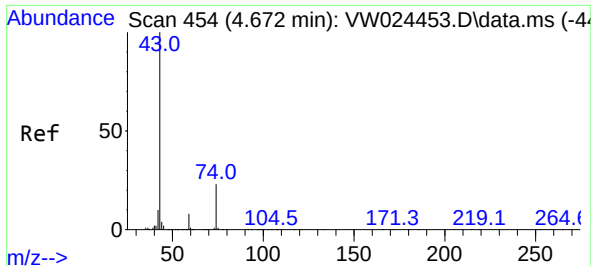
Tgt Ion: 43 Resp: 50723
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.4



#14
Carbon disulfide
Concen: 24.506 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 76 Resp: 326748
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

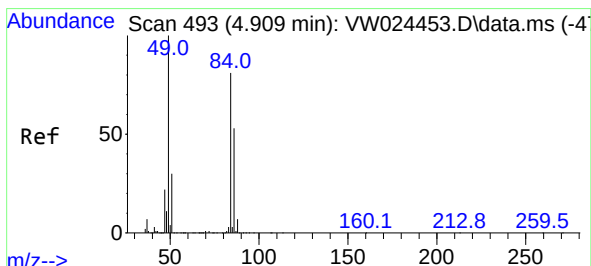
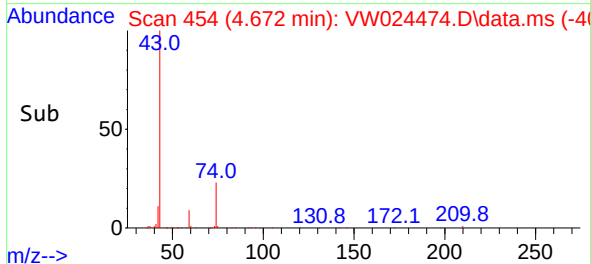
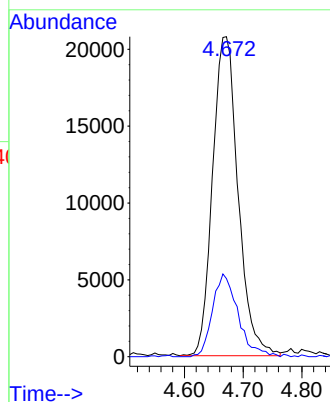
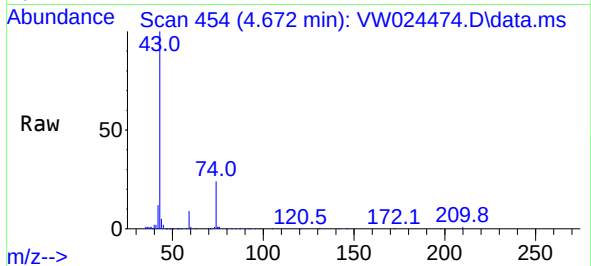




#15
Methyl Acetate
Concen: 25.168 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

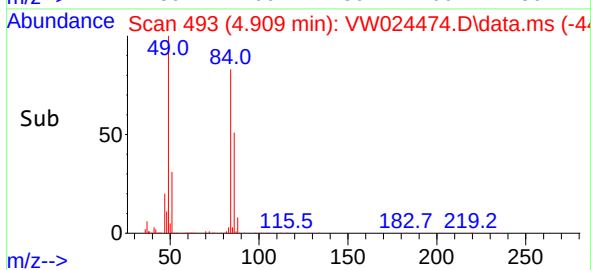
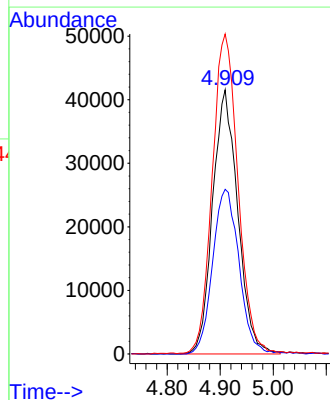
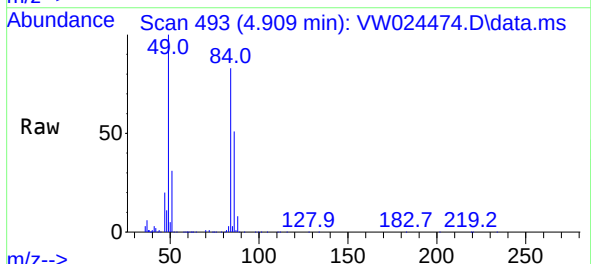
Instrument :
MSVOA_W
ClientSampleId :

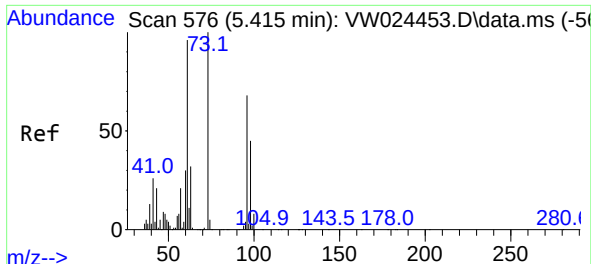
Tgt Ion: 43 Resp: 62658
Ion Ratio Lower Upper
43 100
74 25.8 17.9 26.9



#16
Methylene chloride
Concen: 24.251 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 84 Resp: 136608
Ion Ratio Lower Upper
84 100
86 62.3 47.7 88.7
49 121.2 96.6 179.4

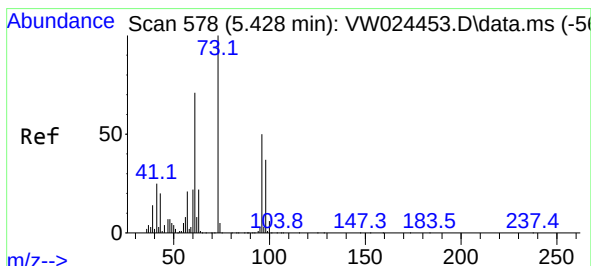
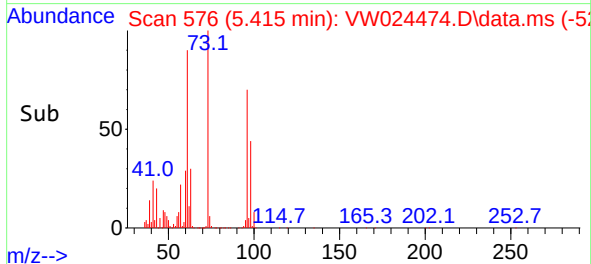
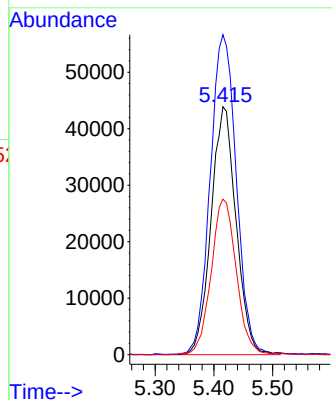
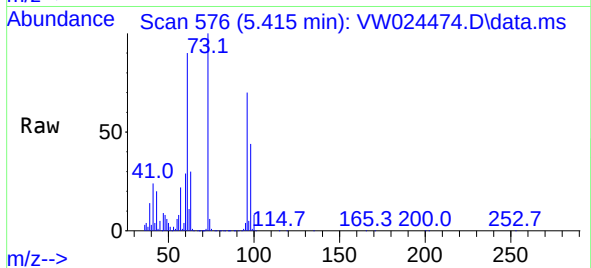




#17
trans-1,2-Dichloroethene
Concen: 27.371 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

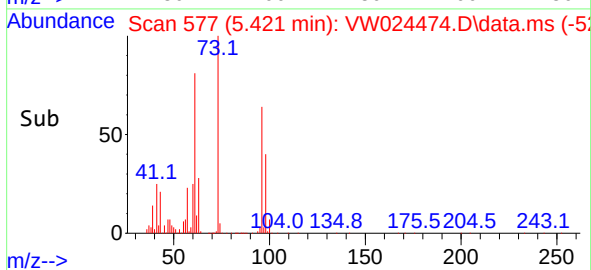
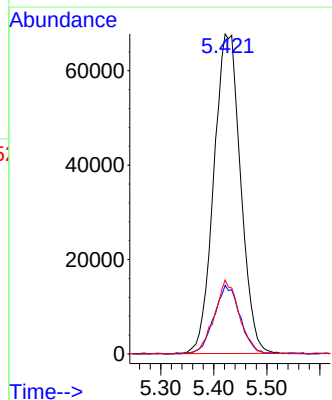
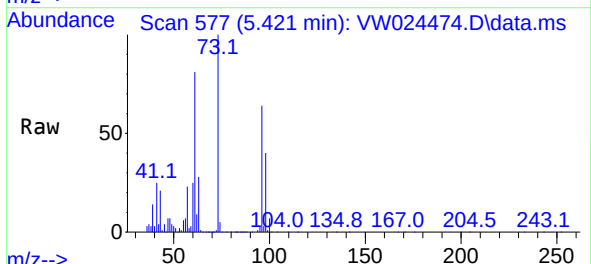
Instrument :
MSVOA_W
ClientSampleId :

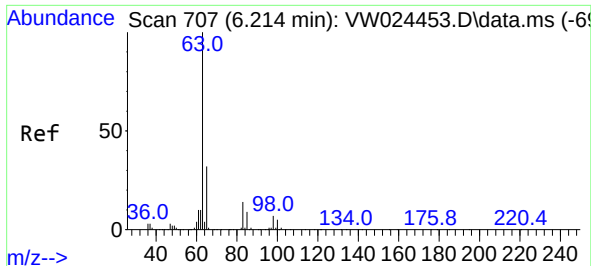
Tgt Ion: 96 Resp: 129975
Ion Ratio Lower Upper
96 100
61 129.0 92.1 171.1
98 62.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 30.544 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 73 Resp: 237490
Ion Ratio Lower Upper
73 100
43 20.5 18.8 28.2
57 21.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 25.945 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

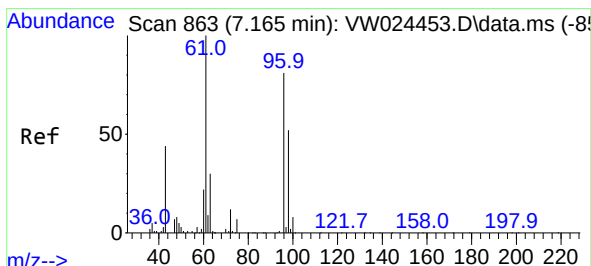
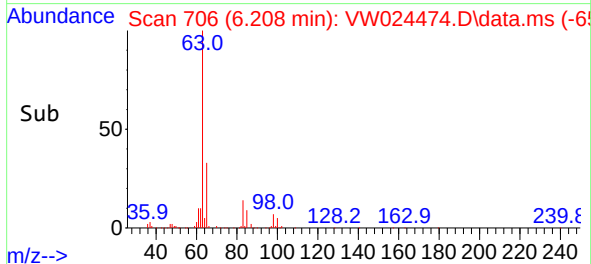
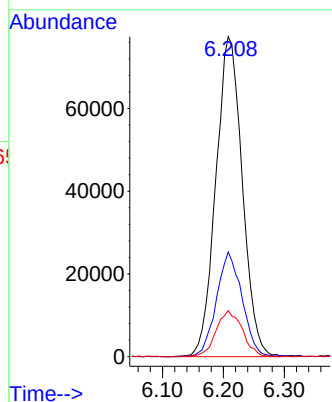
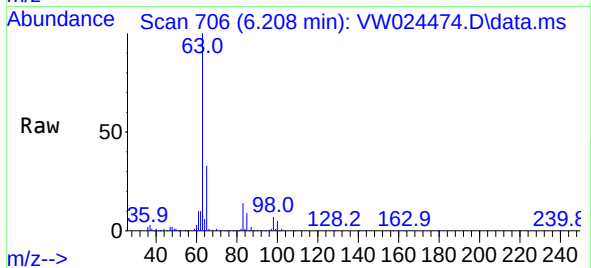
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 232975

Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.6	43.8
83	14.4	10.4	19.4



#20

cis-1,2-Dichloroethene

Concen: 27.827 ug/L

RT: 7.165 min Scan# 863

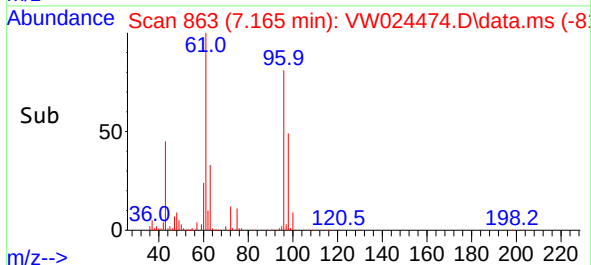
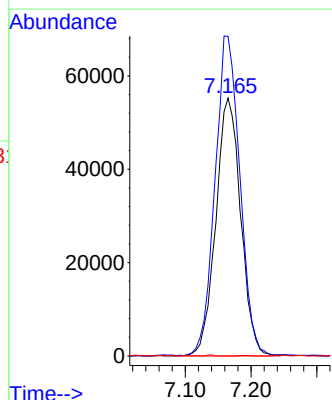
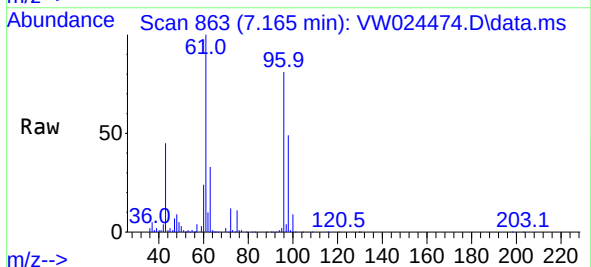
Delta R.T. -0.000 min

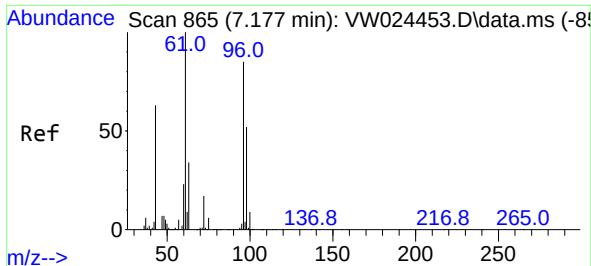
Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Tgt Ion: 96 Resp: 145312

Ion	Ratio	Lower	Upper
96	100		
61	123.9	90.2	167.6
68	0.0	0.0	0.0

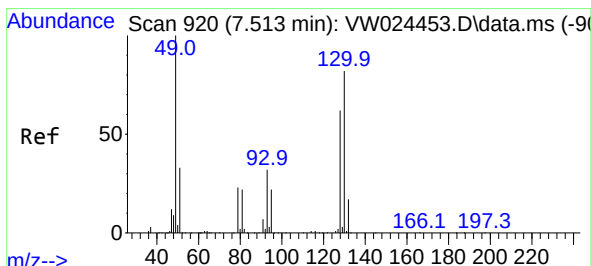
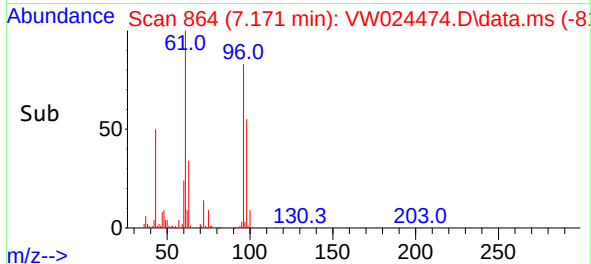
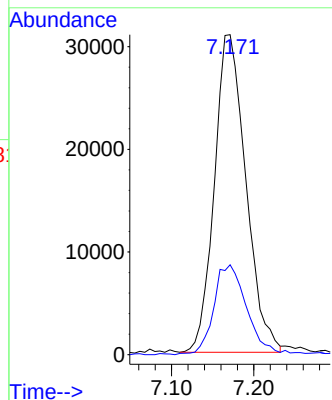
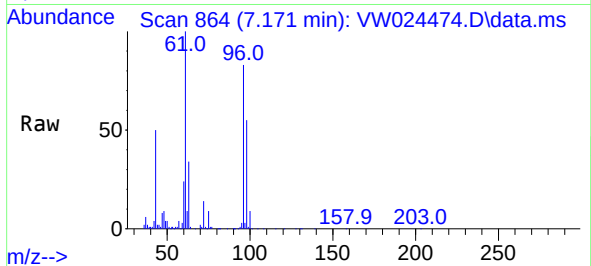




#22
2-Butanone
Concen: 45.371 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

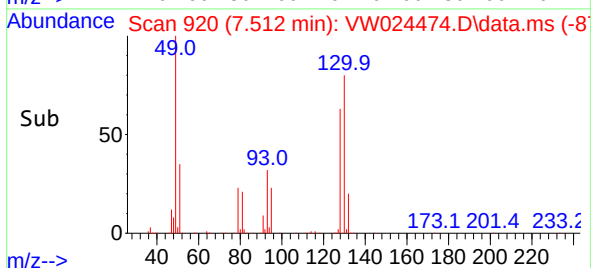
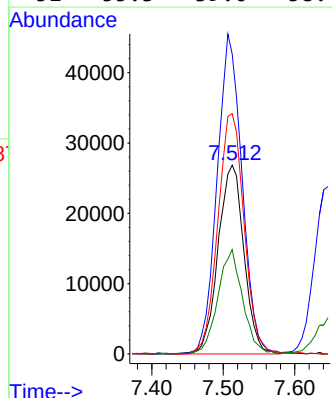
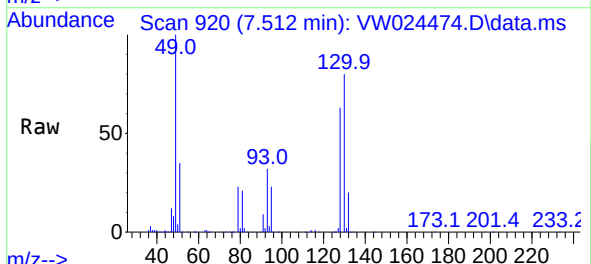
Instrument :
MSVOA_W
ClientSampleId :

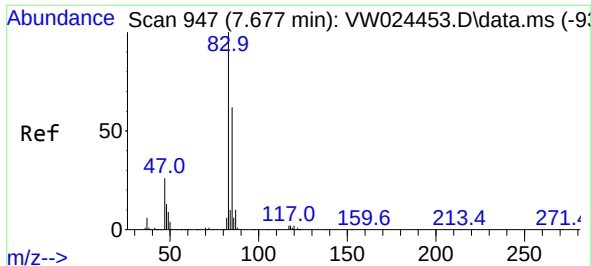
Tgt Ion: 43 Resp: 82380
Ion Ratio Lower Upper
43 100
72 29.2 13.9 41.6



#23
Bromochloromethane
Concen: 26.362 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 128 Resp: 67220
Ion Ratio Lower Upper
128 100
49 158.8 122.1 226.7
130 127.3 91.1 169.1
51 55.3 39.0 58.4

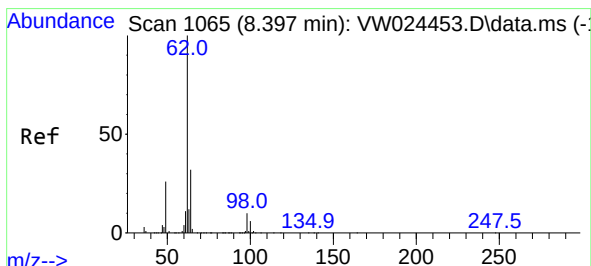
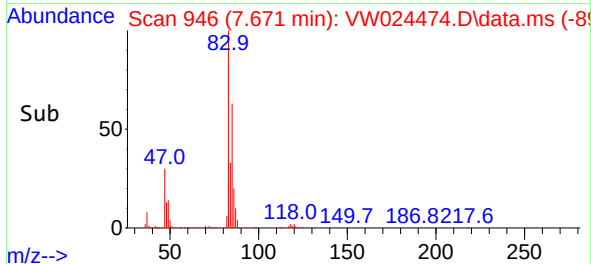
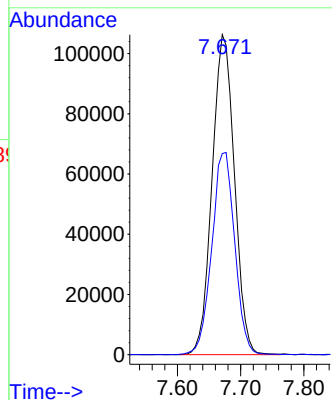
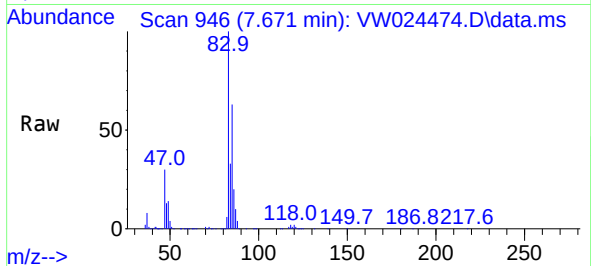




#25
Chloroform
Concen: 26.190 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

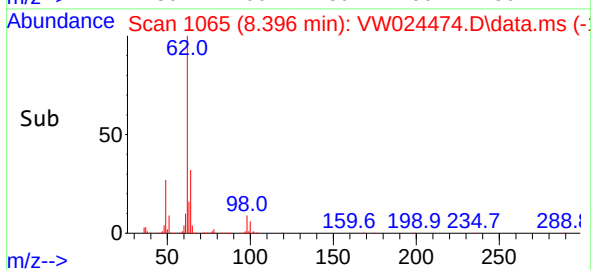
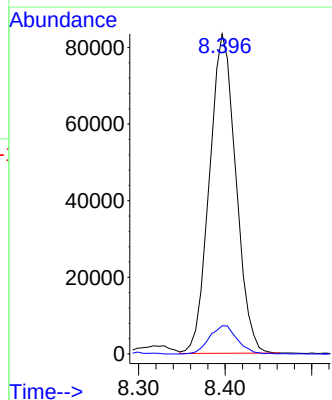
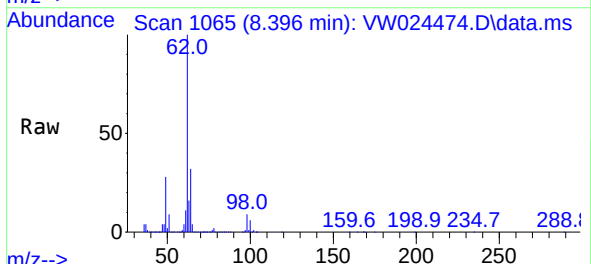
Instrument :
MSVOA_W
ClientSampleId :

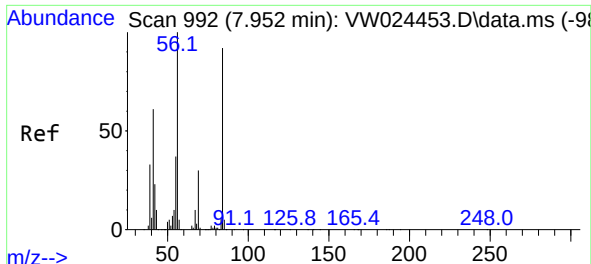
Tgt Ion: 83 Resp: 260922
Ion Ratio Lower Upper
83 100
85 62.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 24.368 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 62 Resp: 176718
Ion Ratio Lower Upper
62 100
98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 27.129 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

ClientSampleId :

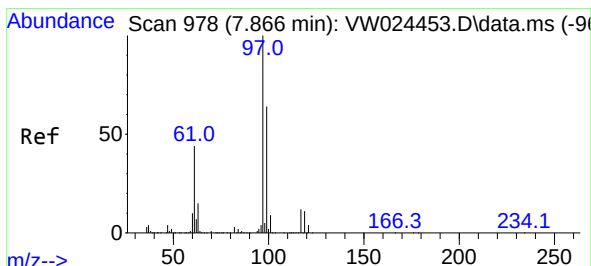
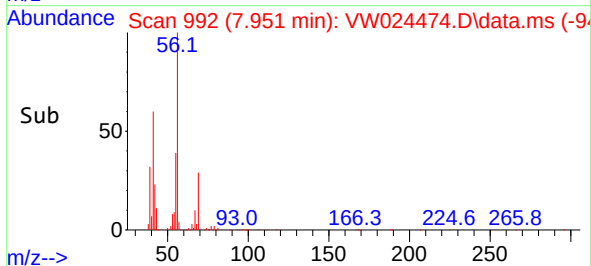
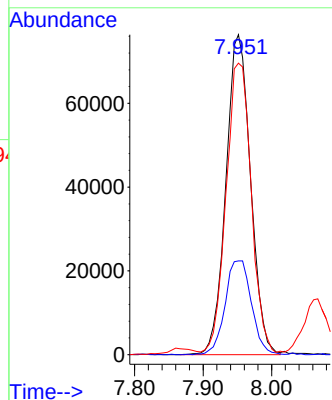
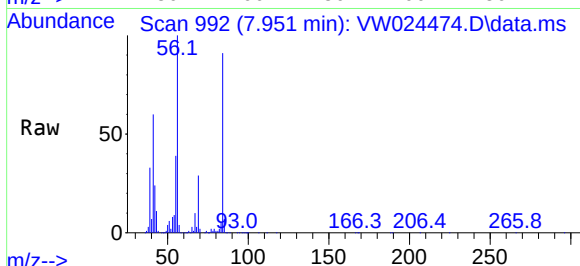
Tgt Ion: 56 Resp: 190896

Ion Ratio Lower Upper

56 100

69 31.3 23.5 35.3

84 93.5 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 25.991 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

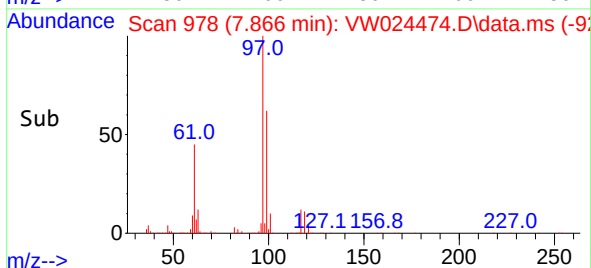
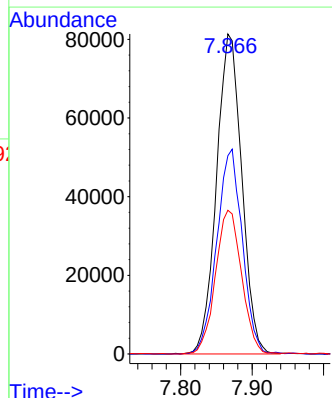
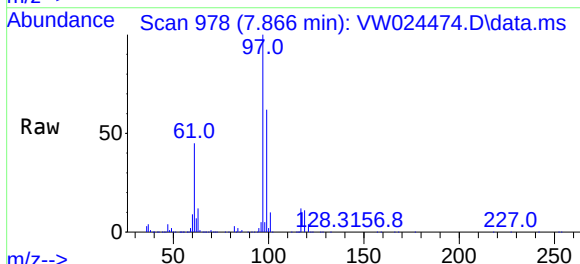
Tgt Ion: 97 Resp: 200000

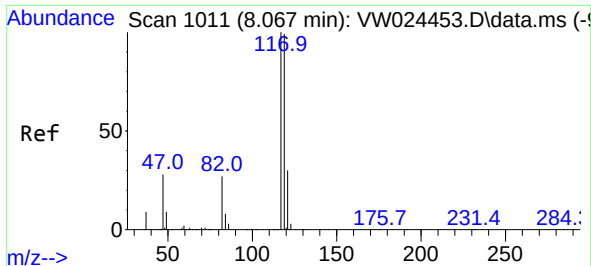
Ion Ratio Lower Upper

97 100

99 64.5 50.2 75.2

61 46.3 40.2 60.4

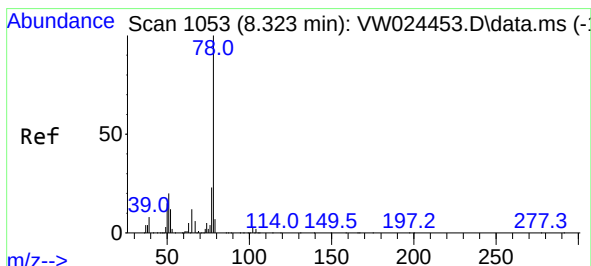
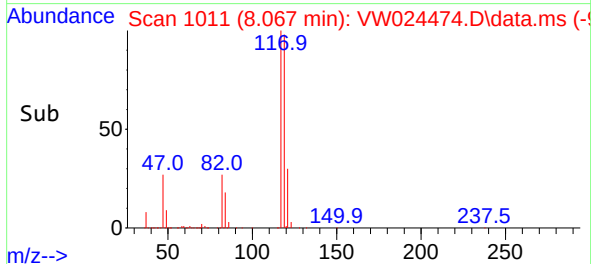
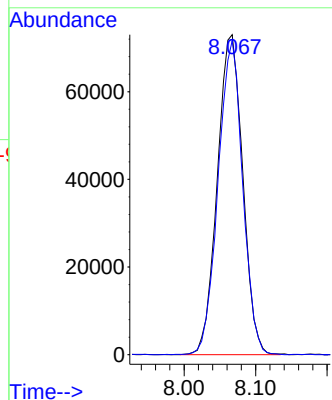
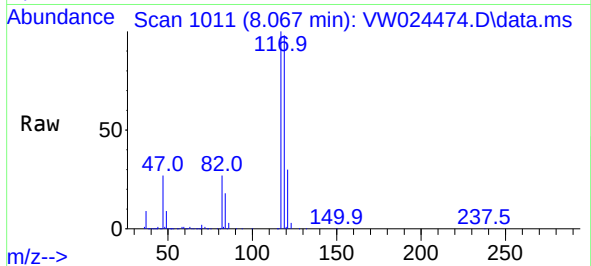




#31
Carbon tetrachloride
Concen: 25.555 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

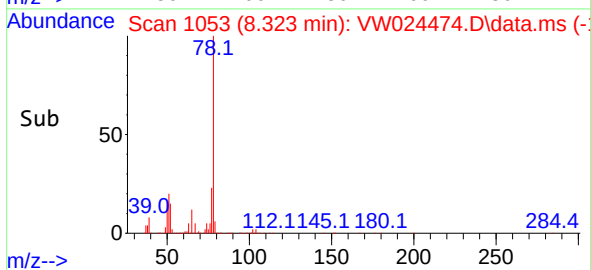
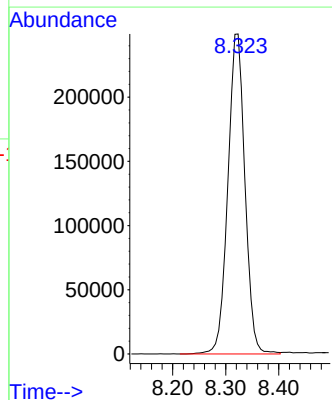
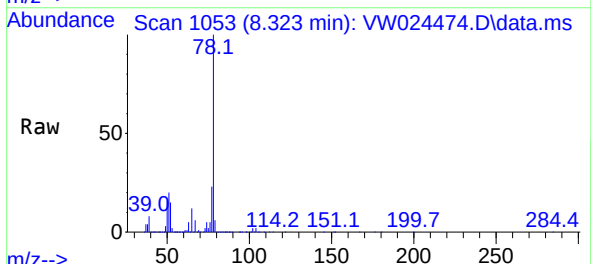
Instrument :
MSVOA_W
ClientSampleId :

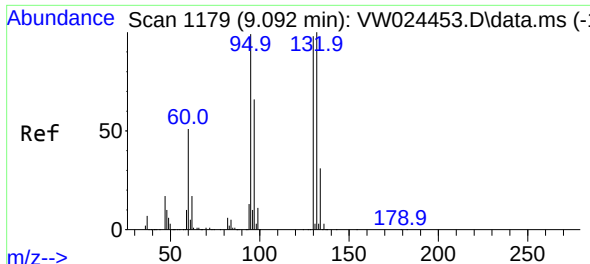
Tgt Ion:117 Resp: 179900
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9



#33
Benzene
Concen: 27.401 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

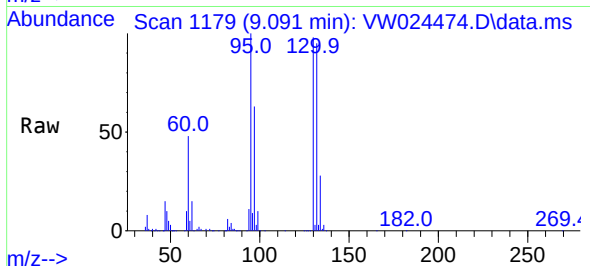
Tgt Ion: 78 Resp: 556818



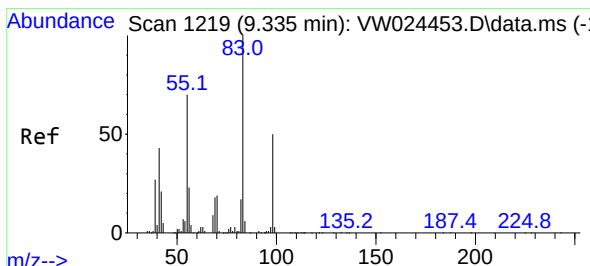
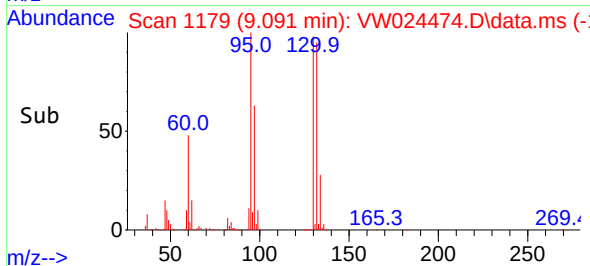
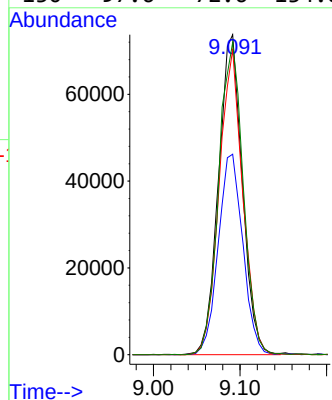


#34
Trichloroethene
Concen: 26.272 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Instrument :
MSVOA_W
ClientSampleId :

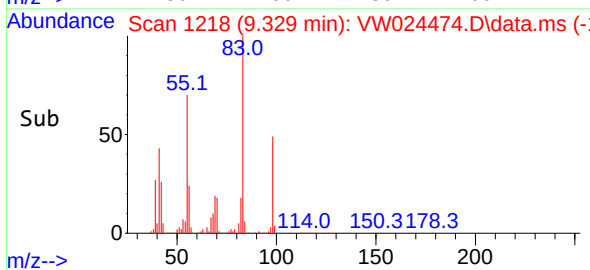
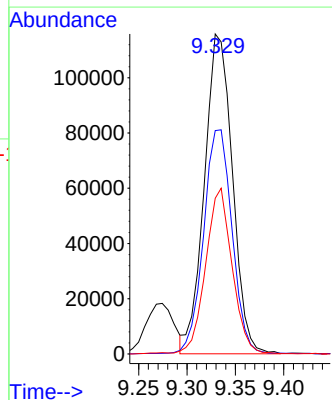
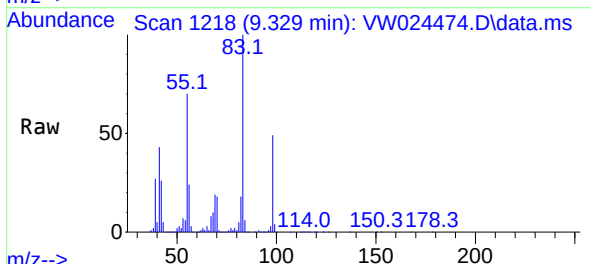


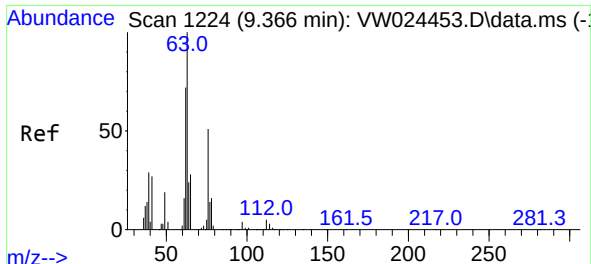
Tgt Ion: 95 Resp: 140710
Ion Ratio Lower Upper
95 100
97 62.7 48.4 89.8
132 95.4 68.6 127.4
130 97.6 72.6 134.8



#35
Methylcyclohexane
Concen: 27.232 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 83 Resp: 234011
Ion Ratio Lower Upper
83 100
55 71.2 60.1 90.1
98 48.8 40.5 60.7





#37

1,2-Dichloropropane

Concen: 26.055 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

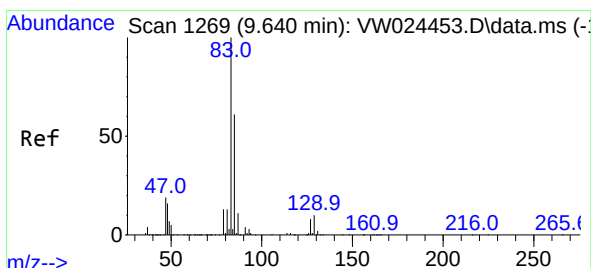
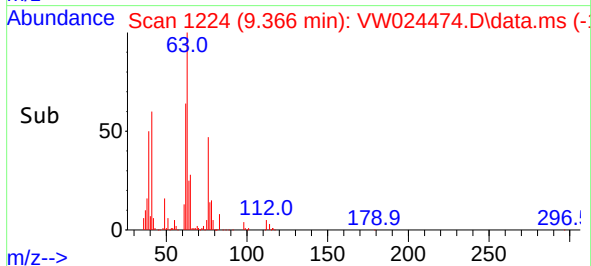
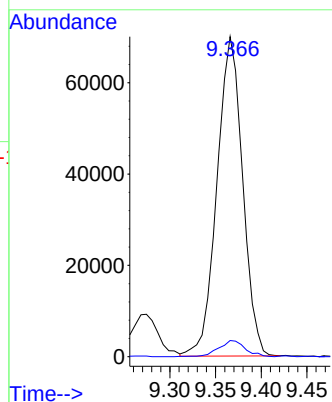
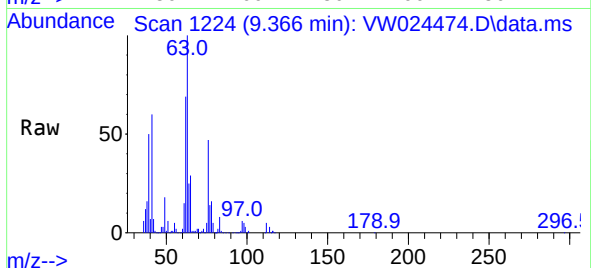
ClientSampleId :

Tgt Ion: 63 Resp: 136641

Ion Ratio Lower Upper

63 100

112 5.3 3.4 5.0#



#38

Bromodichloromethane

Concen: 26.474 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

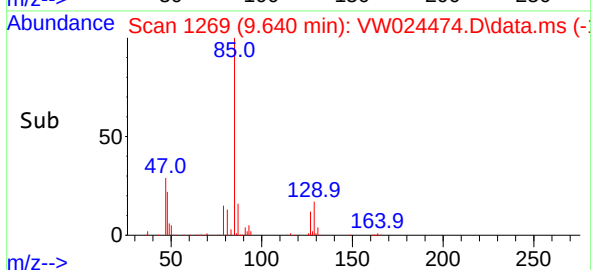
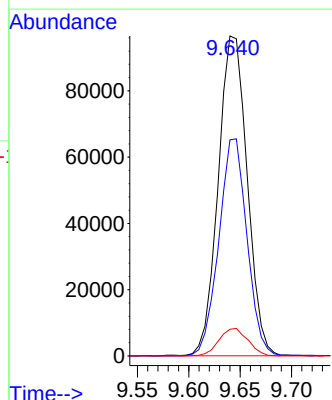
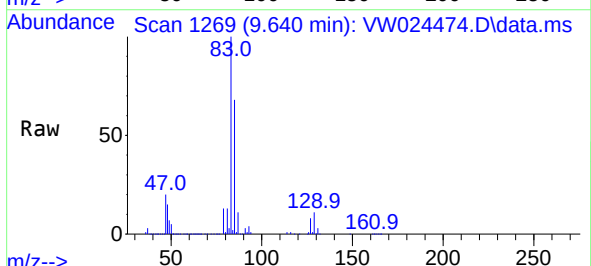
Tgt Ion: 83 Resp: 189070

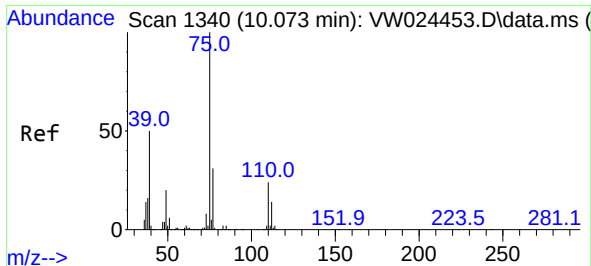
Ion Ratio Lower Upper

83 100

85 67.5 46.3 85.9

127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 27.085 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

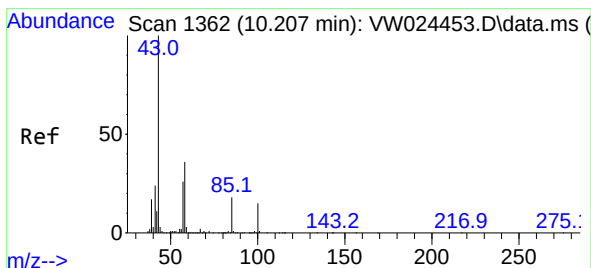
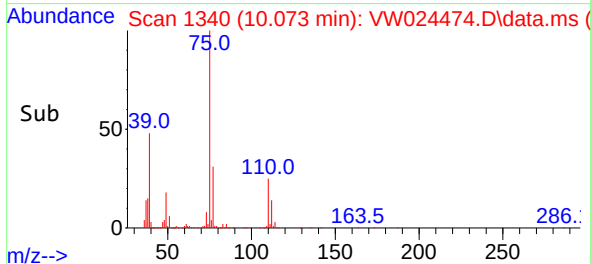
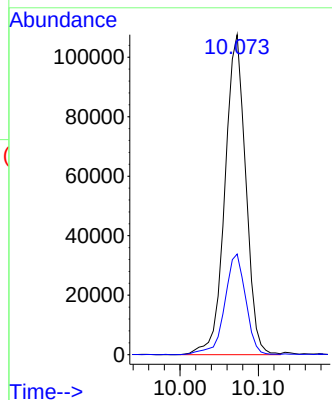
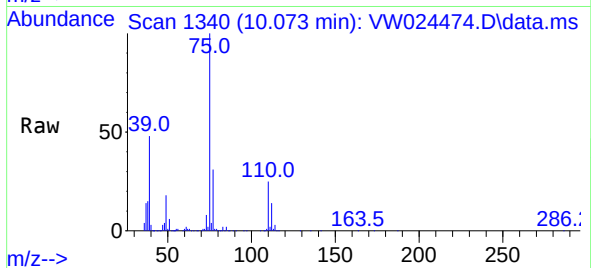
ClientSampleId :

Tgt Ion: 75 Resp: 198553

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.099 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

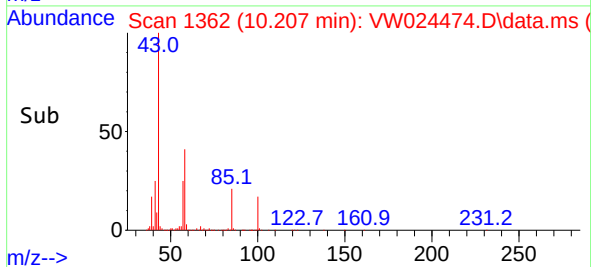
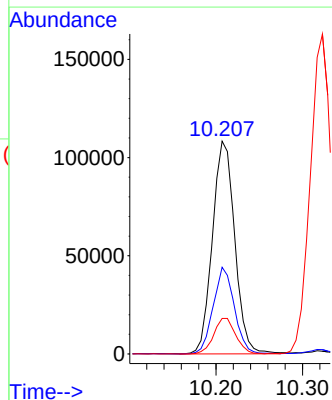
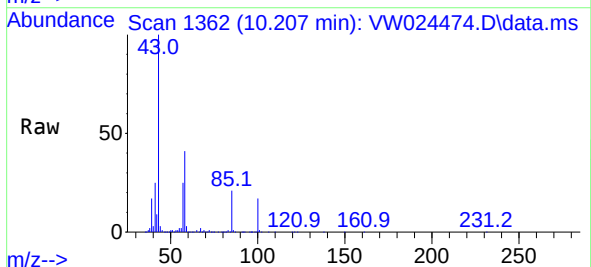
Tgt Ion: 43 Resp: 194282

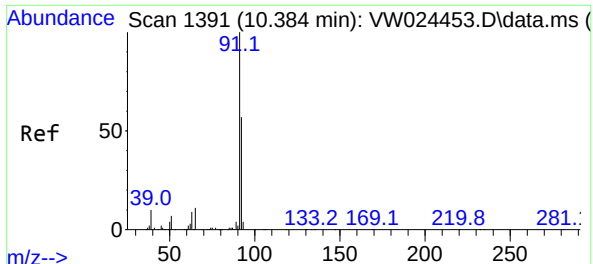
Ion Ratio Lower Upper

43 100

58 38.9 29.4 44.2

100 16.6 11.8 17.8





#42

Toluene

Concen: 27.460 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

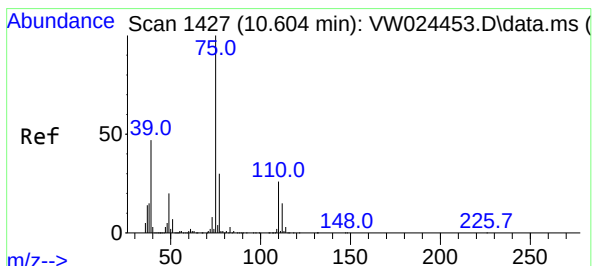
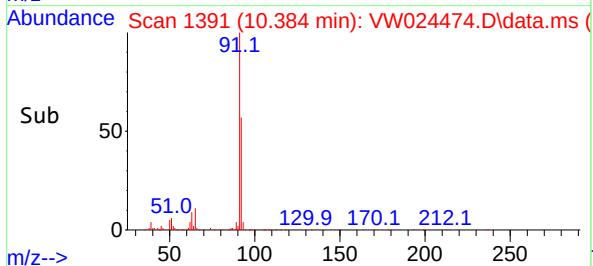
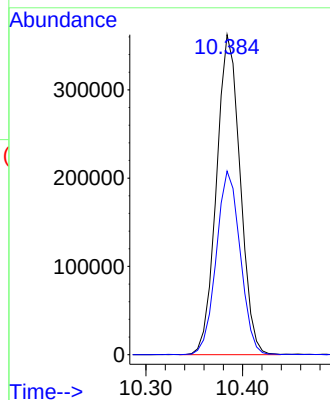
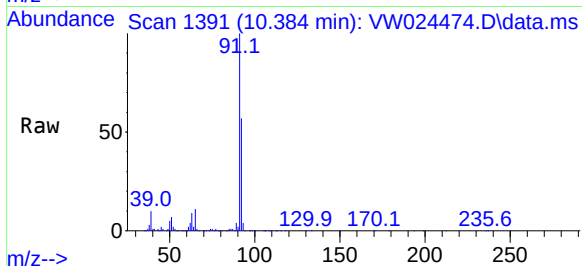
ClientSampleId :

Tgt Ion: 91 Resp: 615819

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 25.117 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024474.D

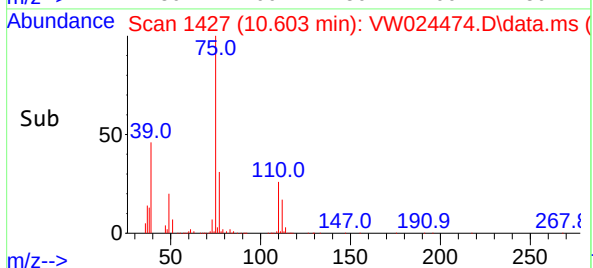
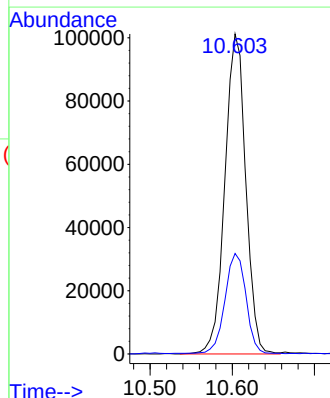
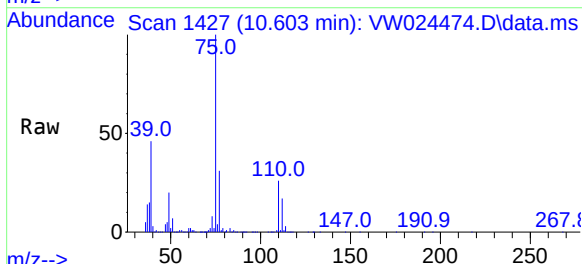
Acq: 30 Aug 2022 03:29

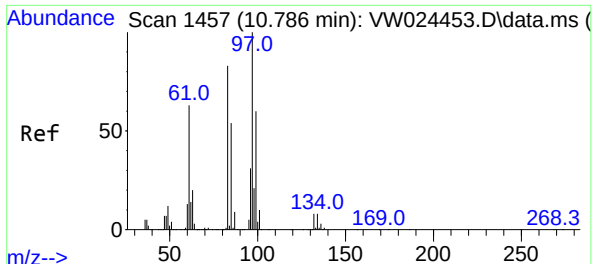
Tgt Ion: 75 Resp: 178912

Ion Ratio Lower Upper

75 100

77 31.4 21.1 39.1



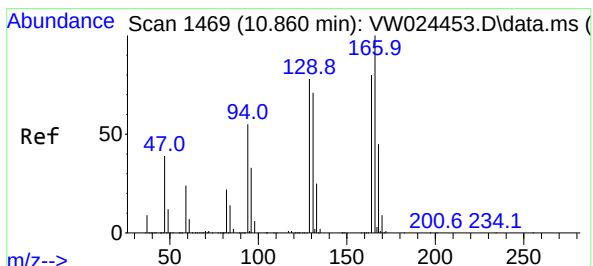
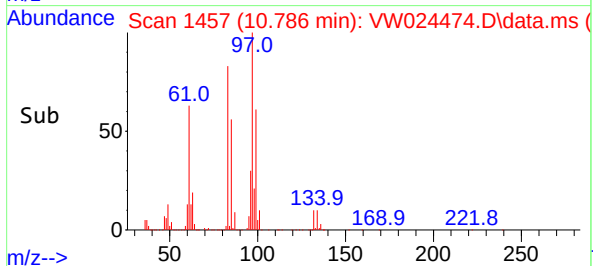
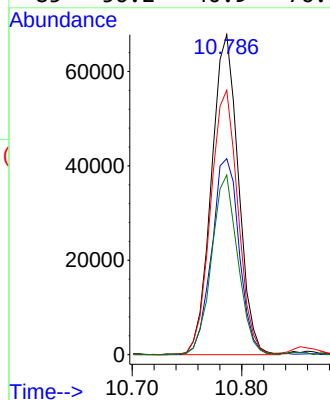
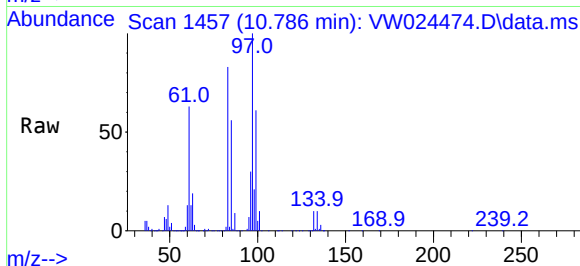


#45
1,1,2-Trichloroethane
Concen: 27.098 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 115883

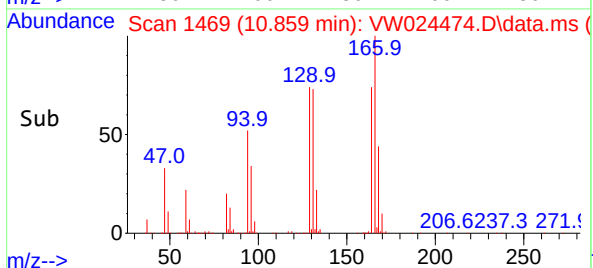
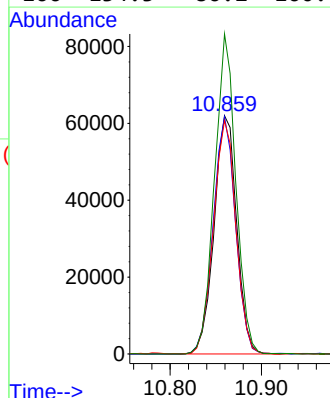
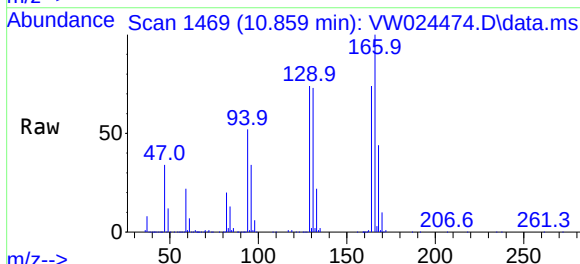
Ion	Ratio	Lower	Upper
97	100		
99	61.3	40.4	75.0
83	82.7	60.1	111.5
85	56.2	40.9	76.0

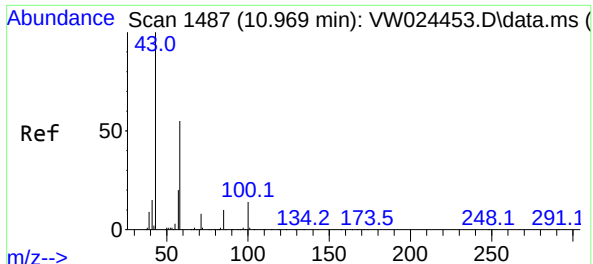


#46
Tetrachloroethene
Concen: 25.584 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 164 Resp: 106417

Ion	Ratio	Lower	Upper
164	100		
129	99.5	72.9	135.3
131	97.9	63.7	118.3
166	134.3	86.2	160.0



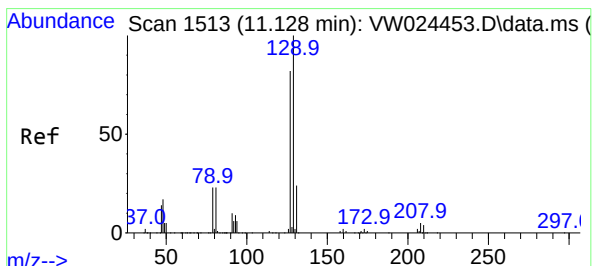
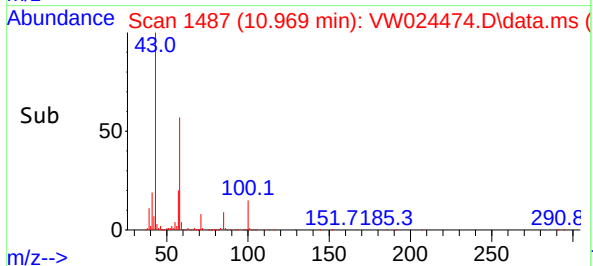
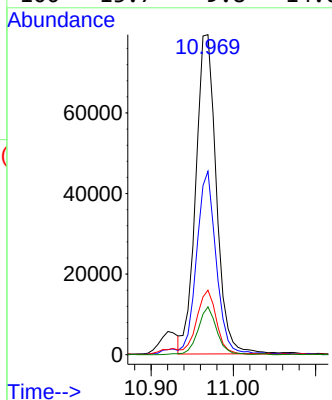
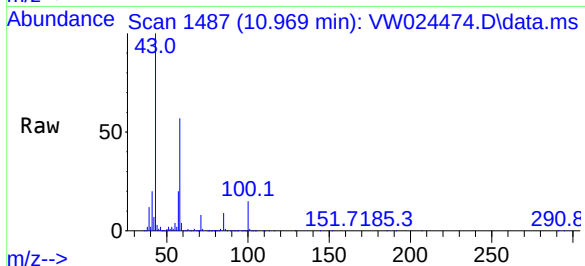


#48
2-Hexanone
Concen: 50.148 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 137938

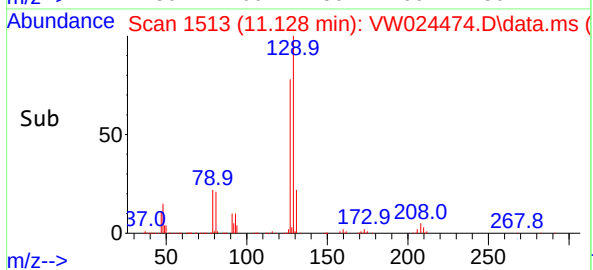
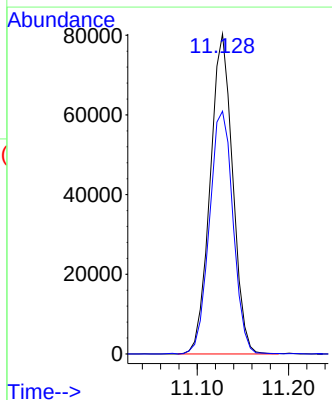
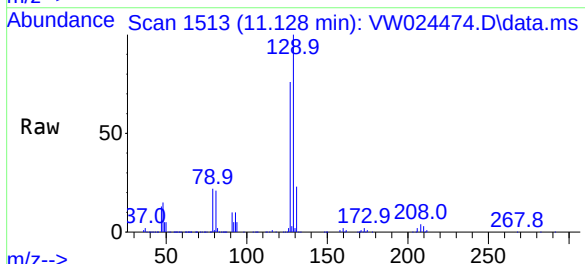
Ion	Ratio	Lower	Upper
43	100		
58	54.2	40.6	61.0
57	19.6	14.2	21.2
100	13.7	9.8	14.6

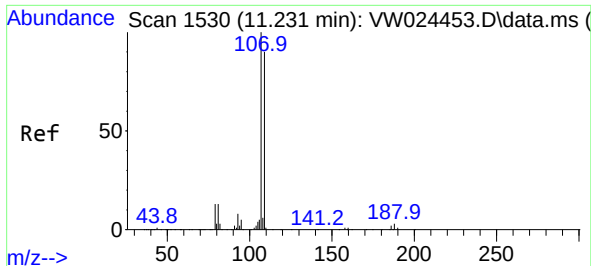


#49
Dibromochloromethane
Concen: 27.239 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 129 Resp: 137778

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.6	101.4

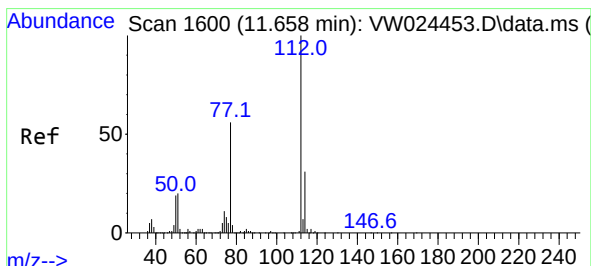
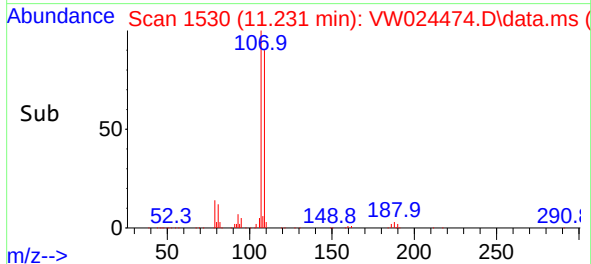
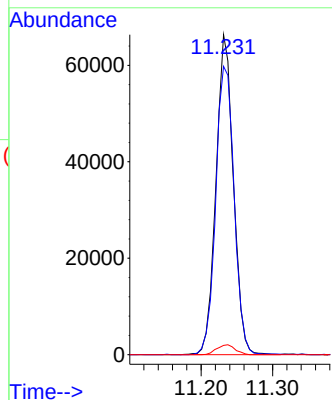
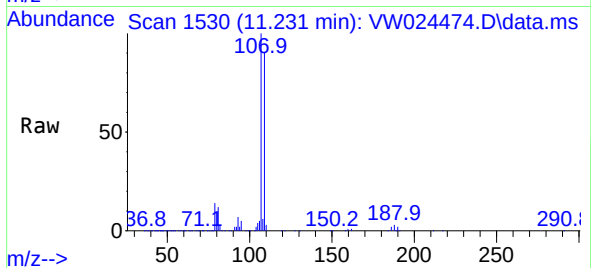




#50
1,2-Dibromoethane
Concen: 27.266 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

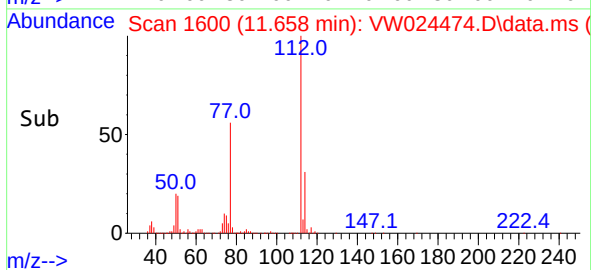
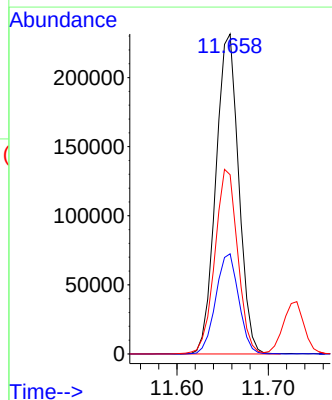
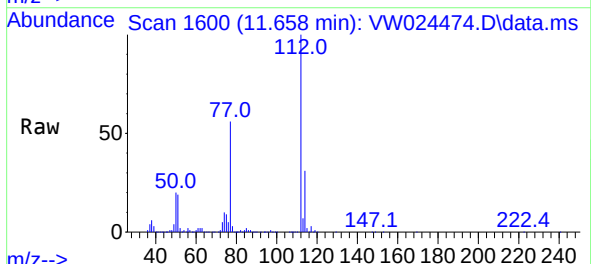
Instrument :
MSVOA_W
ClientSampleId :

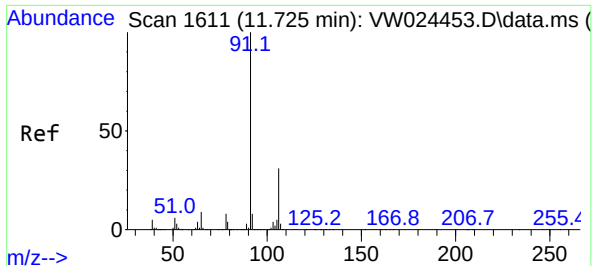
Tgt Ion:107 Resp: 112101
Ion Ratio Lower Upper
107 100
109 90.1 70.1 130.1
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 26.714 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion:112 Resp: 402104
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 56.0 44.1 66.1





#52

Ethylbenzene

Concen: 27.645 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

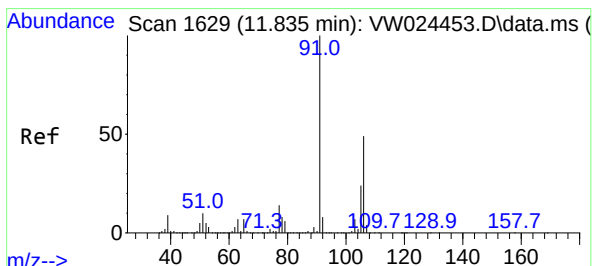
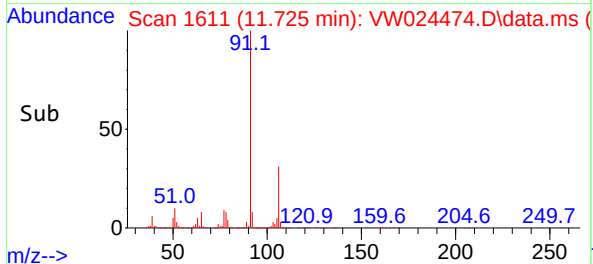
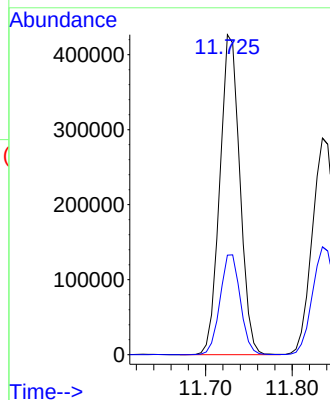
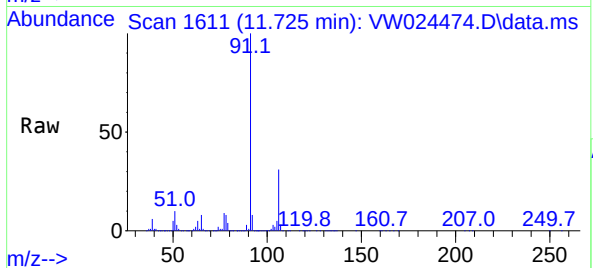
ClientSampleId :

Tgt Ion: 91 Resp: 685439

Ion Ratio Lower Upper

91 100

106 31.1 22.7 42.3



#53

m,p-Xylene

Concen: 27.546 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024474.D

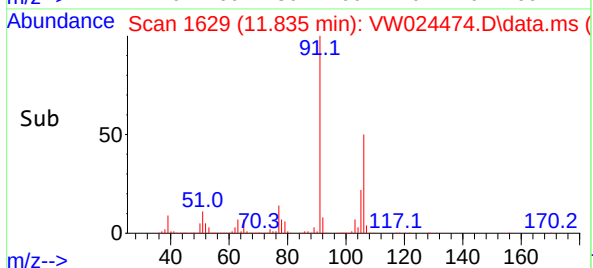
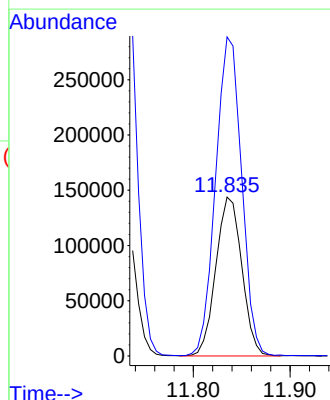
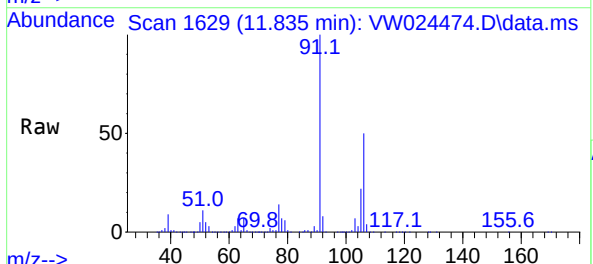
Acq: 30 Aug 2022 03:29

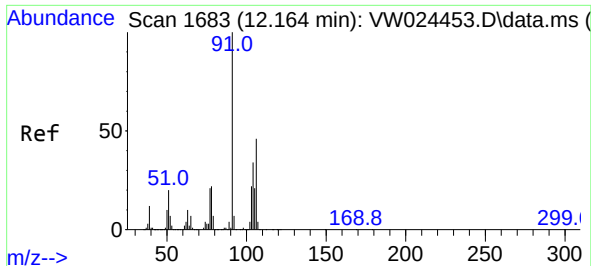
Tgt Ion:106 Resp: 268222

Ion Ratio Lower Upper

106 100

91 200.8 144.3 267.9

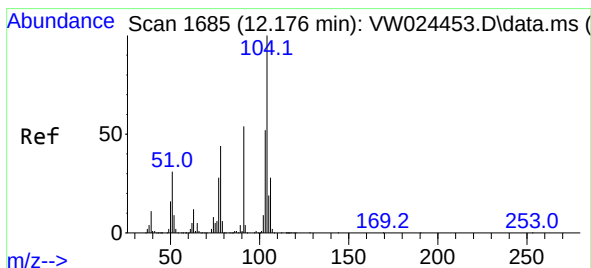
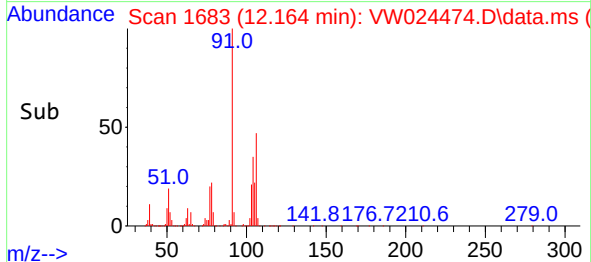
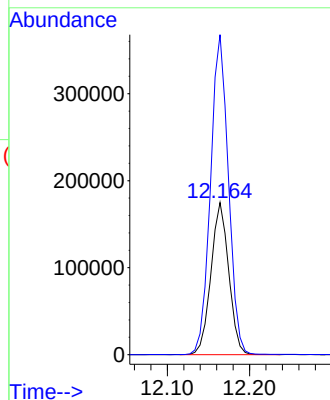
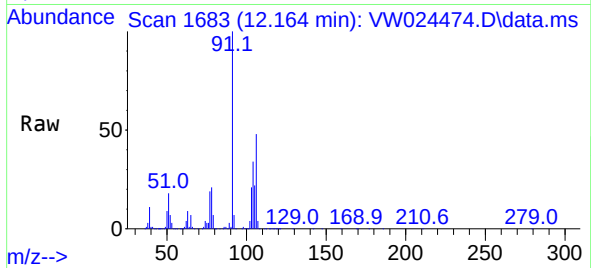




#54
o-Xylene
Concen: 28.853 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

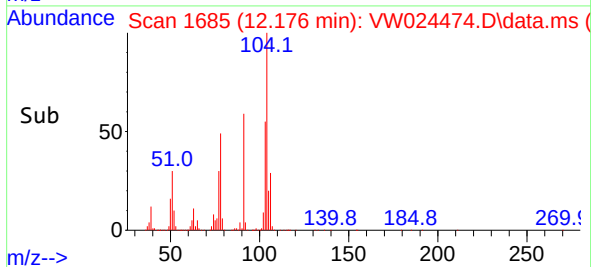
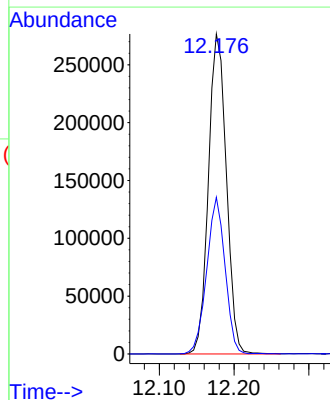
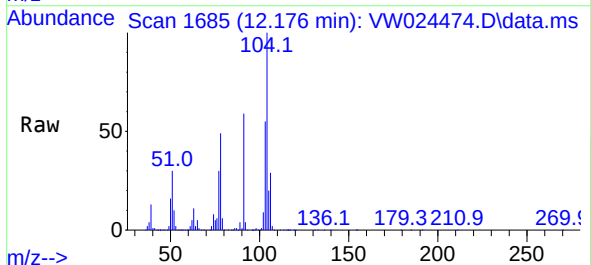
Instrument :
MSVOA_W
ClientSampleId :

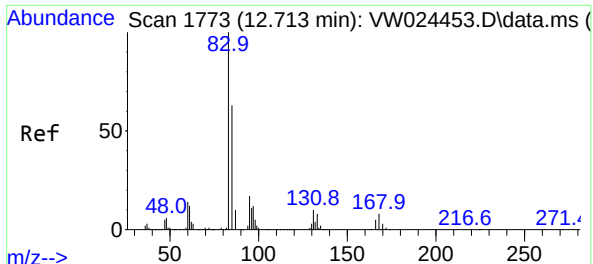
Tgt Ion:106 Resp: 262637
Ion Ratio Lower Upper
106 100
91 210.3 152.1 282.5



#55
Styrene
Concen: 28.646 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion:104 Resp: 460917
Ion Ratio Lower Upper
104 100
78 48.9 32.0 59.4

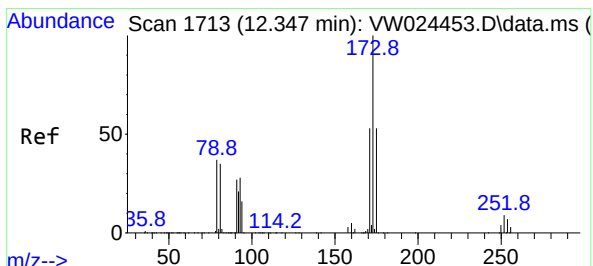
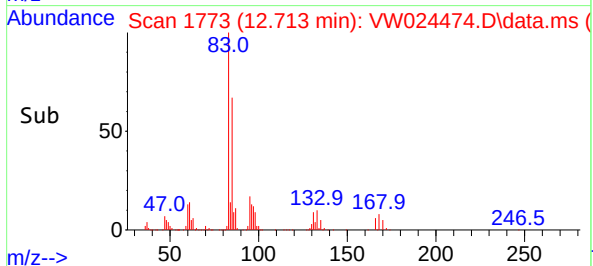
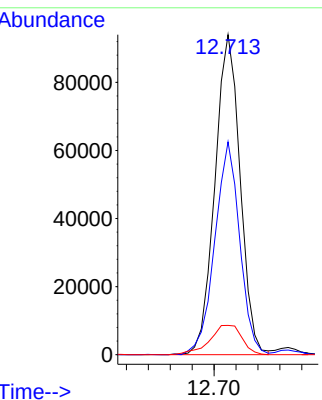
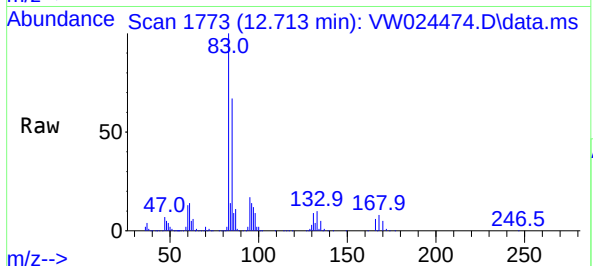




#57
1,1,2,2-Tetrachloroethane
Concen: 25.117 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

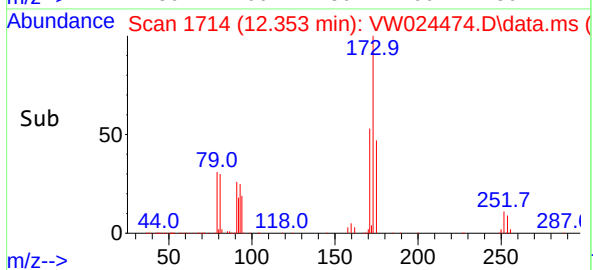
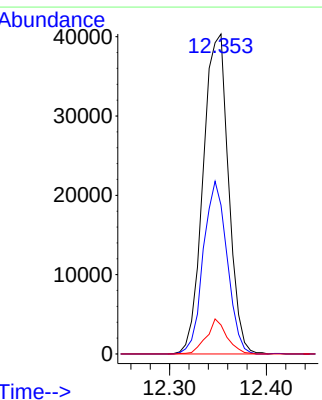
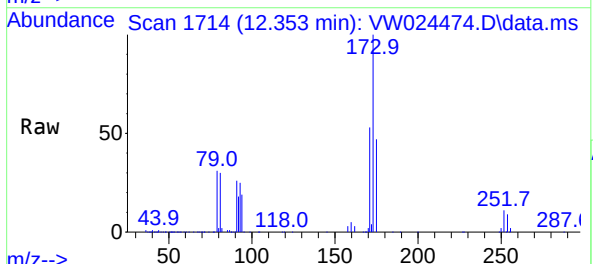
Instrument :
MSVOA_W
ClientSampleId :

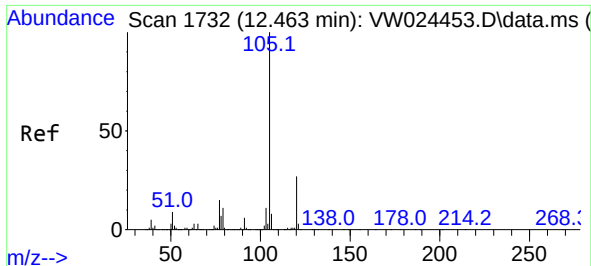
Tgt Ion: 83 Resp: 149928
Ion Ratio Lower Upper
83 100
85 66.5 44.4 82.5
131 9.2 8.4 12.6



#59
Bromoform
Concen: 26.268 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion: 173 Resp: 73373
Ion Ratio Lower Upper
173 100
175 50.7 39.8 59.6
254 8.8 6.8 10.2

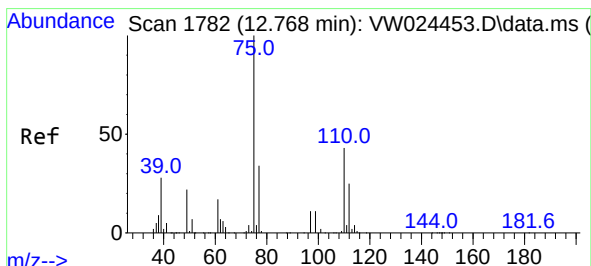
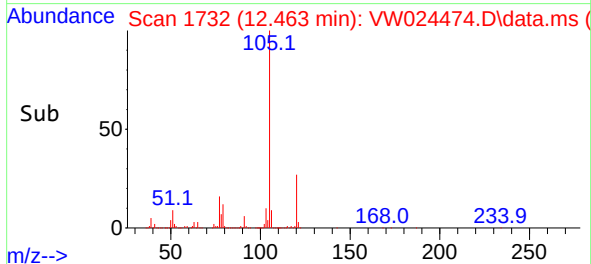
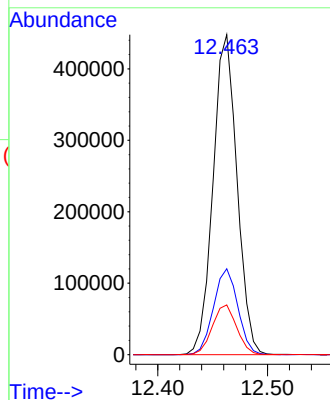
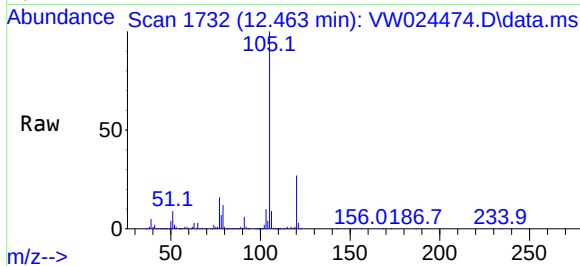




#60
Isopropylbenzene
Concen: 29.462 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

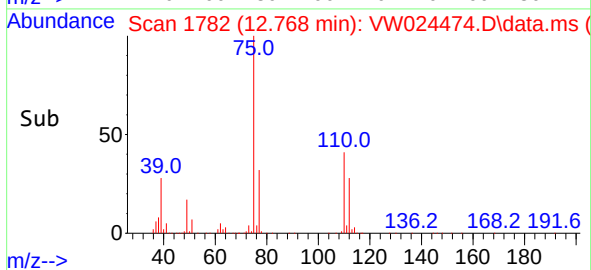
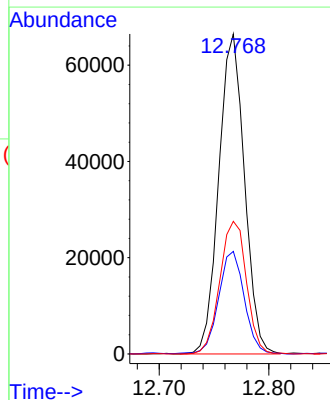
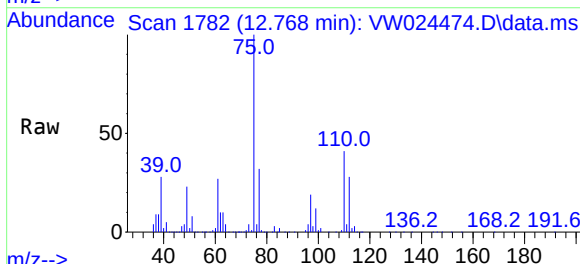
Instrument :
MSVOA_W
ClientSampleId :

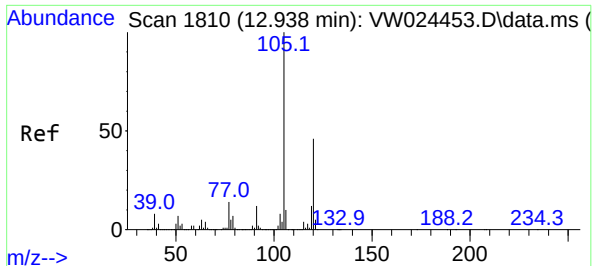
Tgt Ion:	105	Resp:	681103
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.4	32.0
77	15.9	13.0	19.6



#61
1,2,3-Trichloropropane
Concen: 27.500 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion:	75	Resp:	108246
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.5	39.7
110	42.9	33.8	50.8





#62

1,3,5-Trimethylbenzene

Concen: 31.490 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

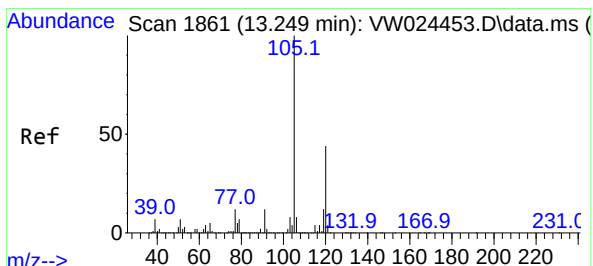
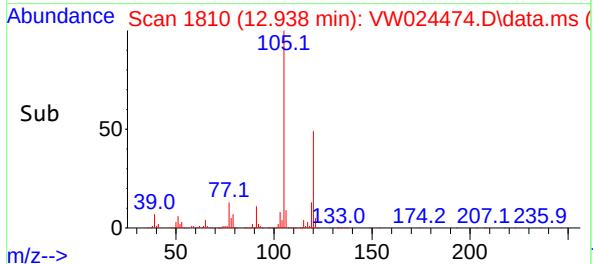
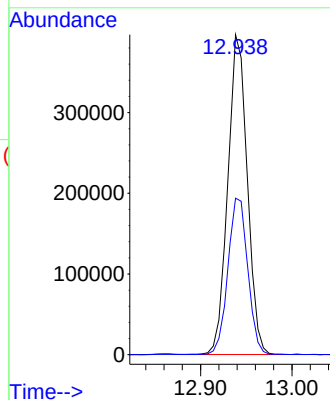
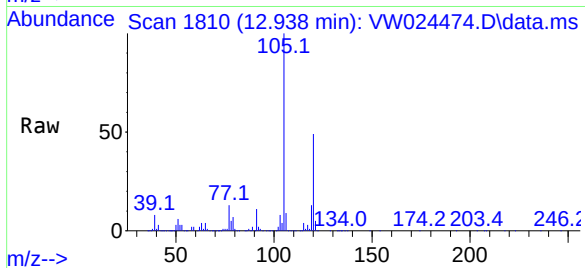
ClientSampleId :

Tgt Ion:105 Resp: 587009

Ion Ratio Lower Upper

105 100

120 49.9 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 32.282 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024474.D

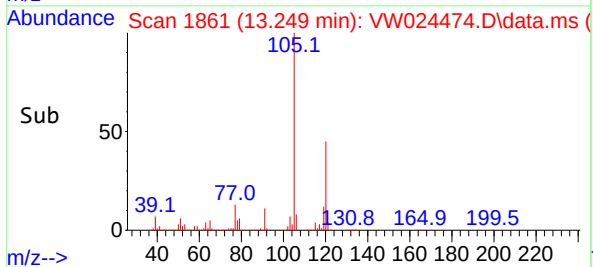
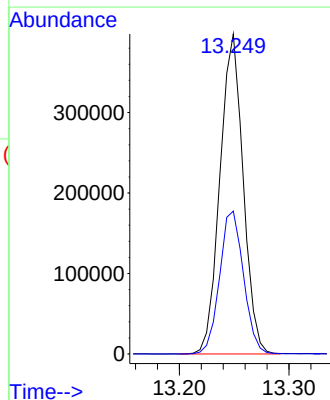
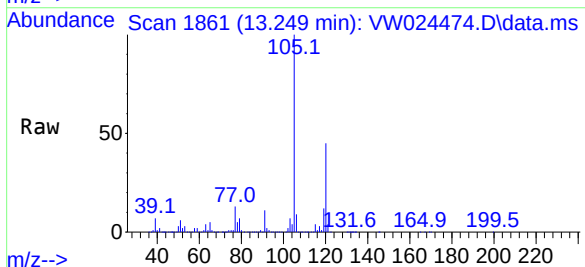
Acq: 30 Aug 2022 03:29

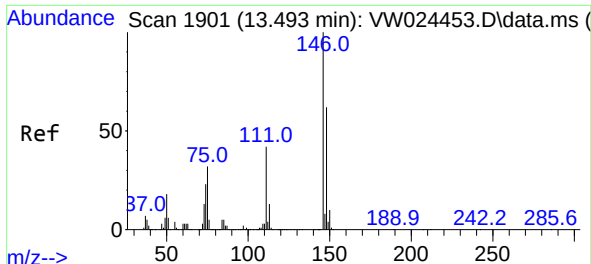
Tgt Ion:105 Resp: 584508

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 28.028 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

ClientSampleId :

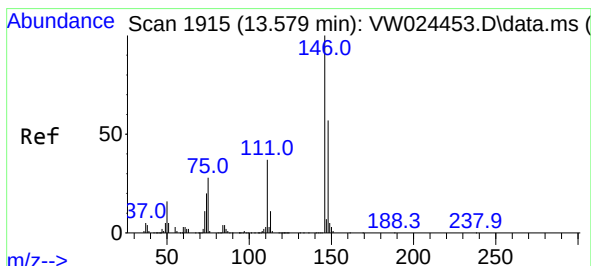
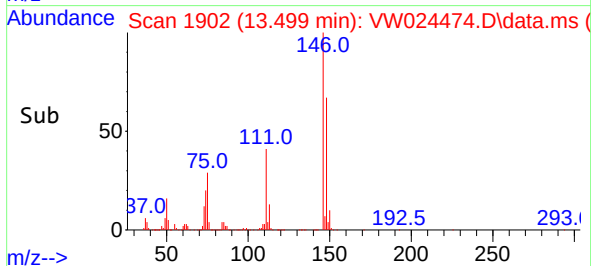
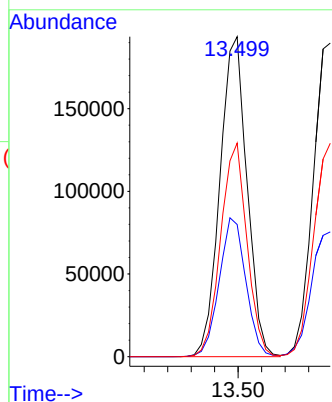
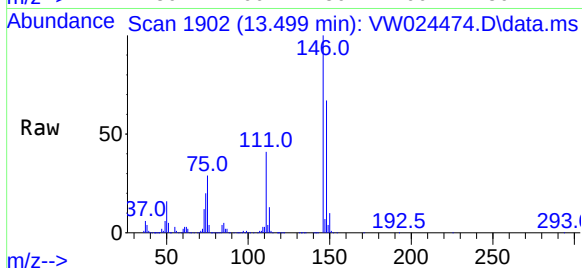
Tgt Ion:146 Resp: 309803

Ion Ratio Lower Upper

146 100

111 41.3 27.0 50.2

148 66.7 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 26.638 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

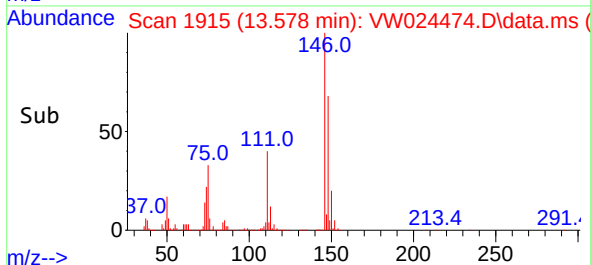
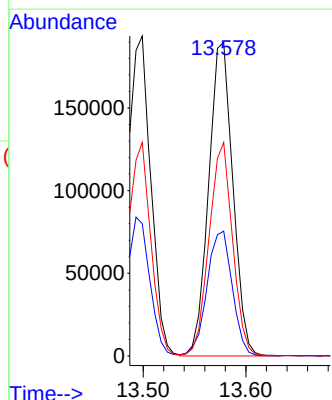
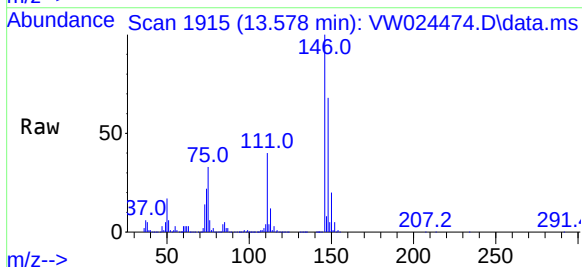
Tgt Ion:146 Resp: 310852

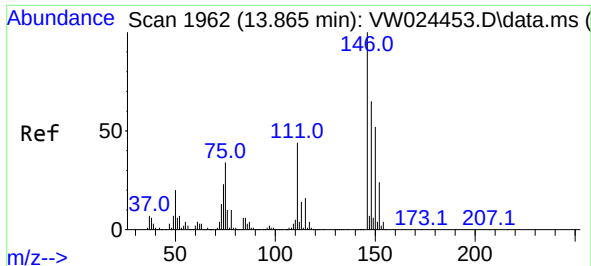
Ion Ratio Lower Upper

146 100

111 39.8 27.7 51.5

148 68.1 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 28.376 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

Instrument :

MSVOA_W

ClientSampleId :

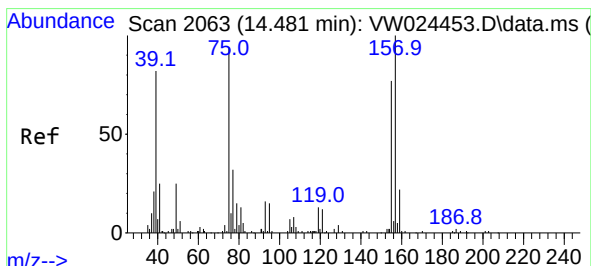
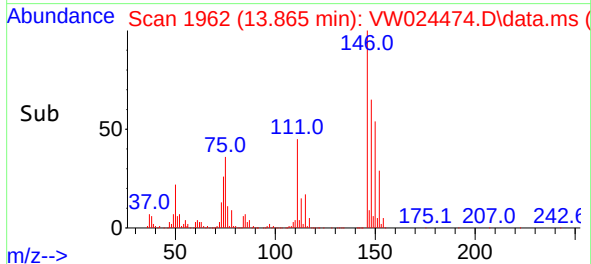
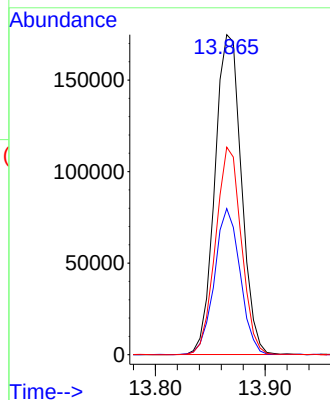
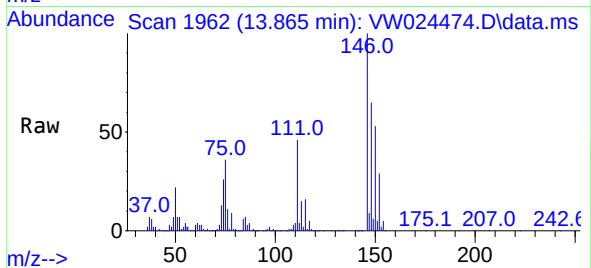
Tgt Ion:146 Resp: 294000

Ion Ratio Lower Upper

146 100

111 45.7 34.5 51.7

148 64.8 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.513 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024474.D

Acq: 30 Aug 2022 03:29

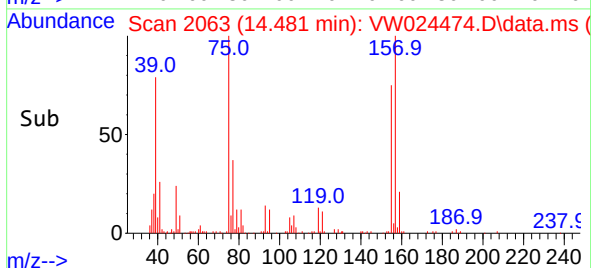
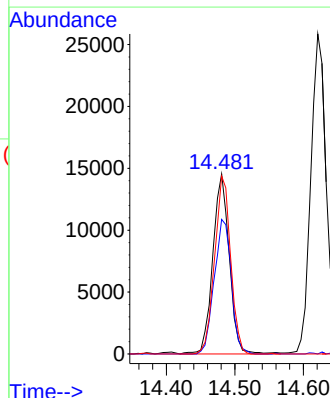
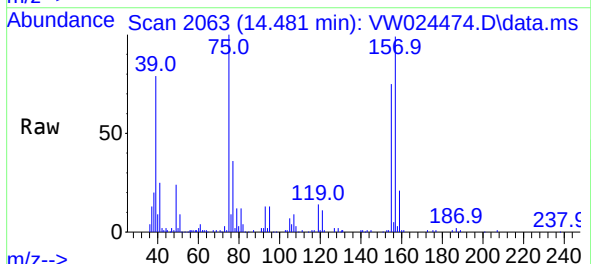
Tgt Ion: 75 Resp: 24241

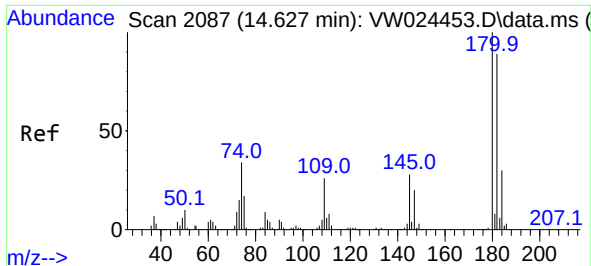
Ion Ratio Lower Upper

75 100

155 74.8 63.9 95.9

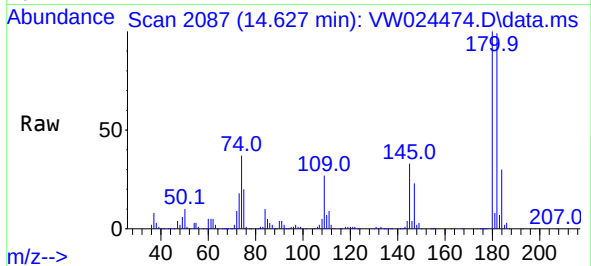
157 98.9 72.2 108.4



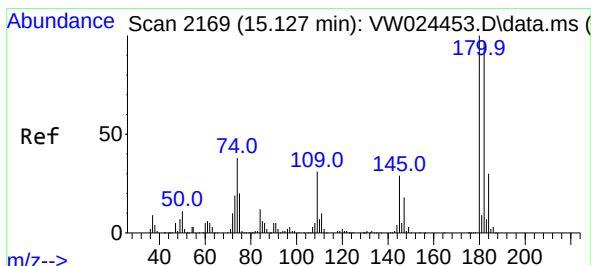
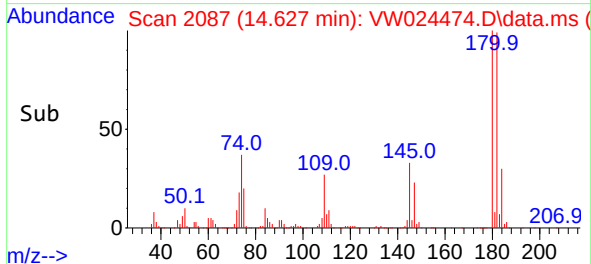
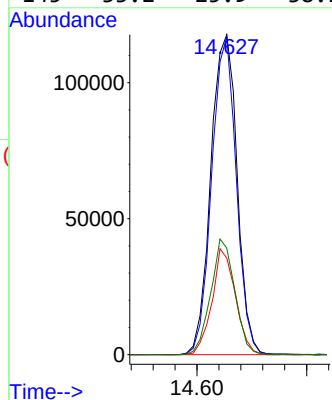


#69
1,3,5-Trichlorobenzene
Concen: 27.428 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

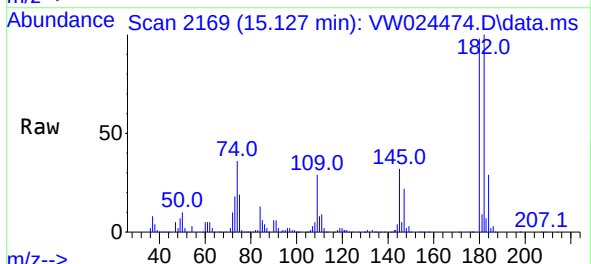
Instrument :
MSVOA_W
ClientSampleId :



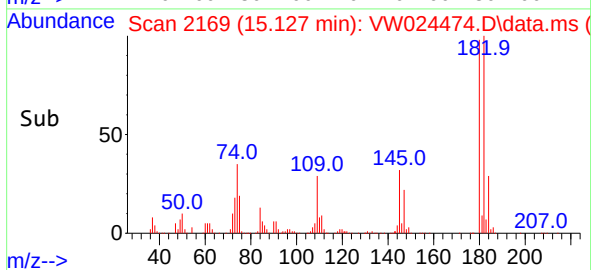
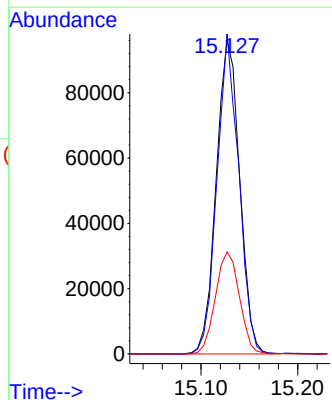
Tgt Ion:180 Resp: 195674
Ion Ratio Lower Upper
180 100
182 92.9 76.6 114.8
184 29.4 24.5 36.7
145 33.2 25.9 38.9

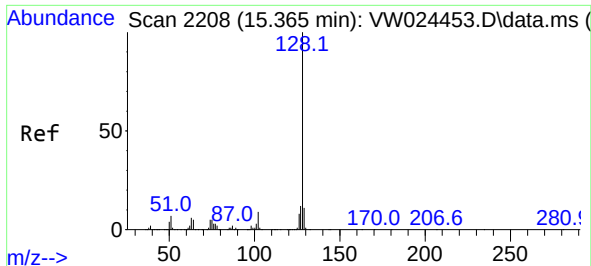


#70
1,2,4-trichlorobenzene
Concen: 29.219 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29



Tgt Ion:180 Resp: 162046
Ion Ratio Lower Upper
180 100
182 94.3 72.6 109.0
145 33.2 26.2 39.2

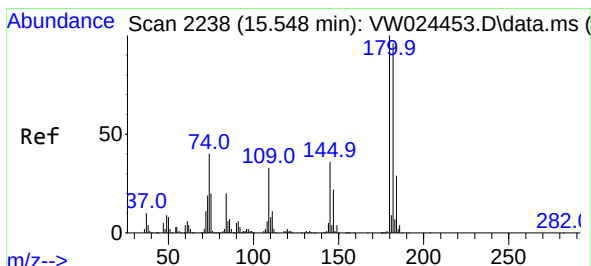
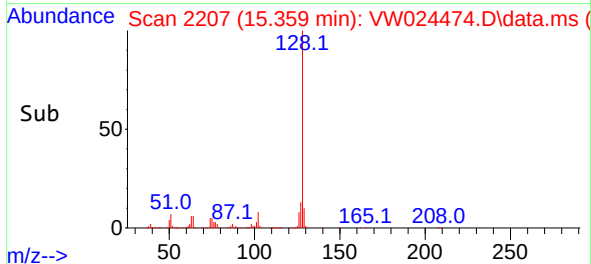
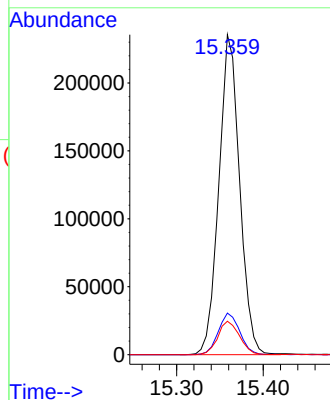
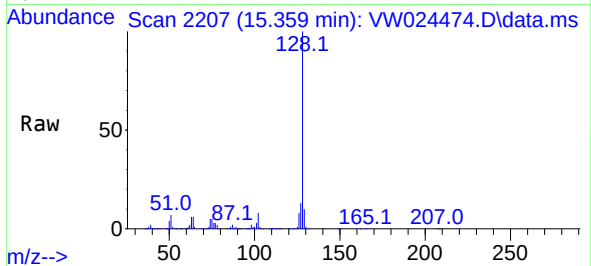




#71
Naphthalene
Concen: 32.213 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 392353
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 28.628 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024474.D
Acq: 30 Aug 2022 03:29

Tgt Ion:180 Resp: 150054
Ion Ratio Lower Upper
180 100
182 95.7 74.6 111.8
145 35.4 26.6 40.0

