

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122123\
 Data File : VW027826.D
 Acq On : 21 Dec 2023 17:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 22:43:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	149112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	84515	18.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.720%
7) Chloroethane-d5	2.899	69	68443	18.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
11) 1,1-Dichloroethene-d2	4.021	65	36381	19.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.160%
21) 2-Butanone-d5	7.093	46	31556	39.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.648	84	172090	22.037	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	8.300	65	78312	21.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.440%
32) Benzene-d6	8.276	84	360824	20.952	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	9.276	67	100509	20.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.400%
41) Toluene-d8	10.318	98	344189	21.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.574	79	37866	20.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.922	63	28255	39.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78924	21.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	115038	21.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	77175	20.205	ug/L	99
3) Chloromethane	2.222	50	91394	20.314	ug/L	100
5) Vinyl chloride	2.369	62	112153	20.954	ug/L	98
6) Bromomethane	2.795	94	74495	21.866	ug/L	93
8) Chloroethane	2.936	64	62979	19.680	ug/L	97
9) Trichlorofluoromethane	3.271	101	114704	23.728	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97072	23.639	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93754	23.322	ug/L	89
13) Acetone	4.161	43	14605	20.329	ug/L	43
14) Carbon disulfide	4.386	76	289917	21.468	ug/L	99
15) Methyl Acetate	4.679	43	25268	19.467	ug/L	95
16) Methylene chloride	4.917	84	95911	18.639	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	97914	23.035	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	124598	22.170	ug/L	99
19) 1,1-Dichloroethane	6.221	63	159717	22.096	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	103045	23.028	ug/L	93
22) 2-Butanone	7.191	43	34396	36.053	ug/L	96
23) Bromochloromethane	7.514	128	45301	23.975	ug/L	96
25) Chloroform	7.679	83	164354	23.088	ug/L	97

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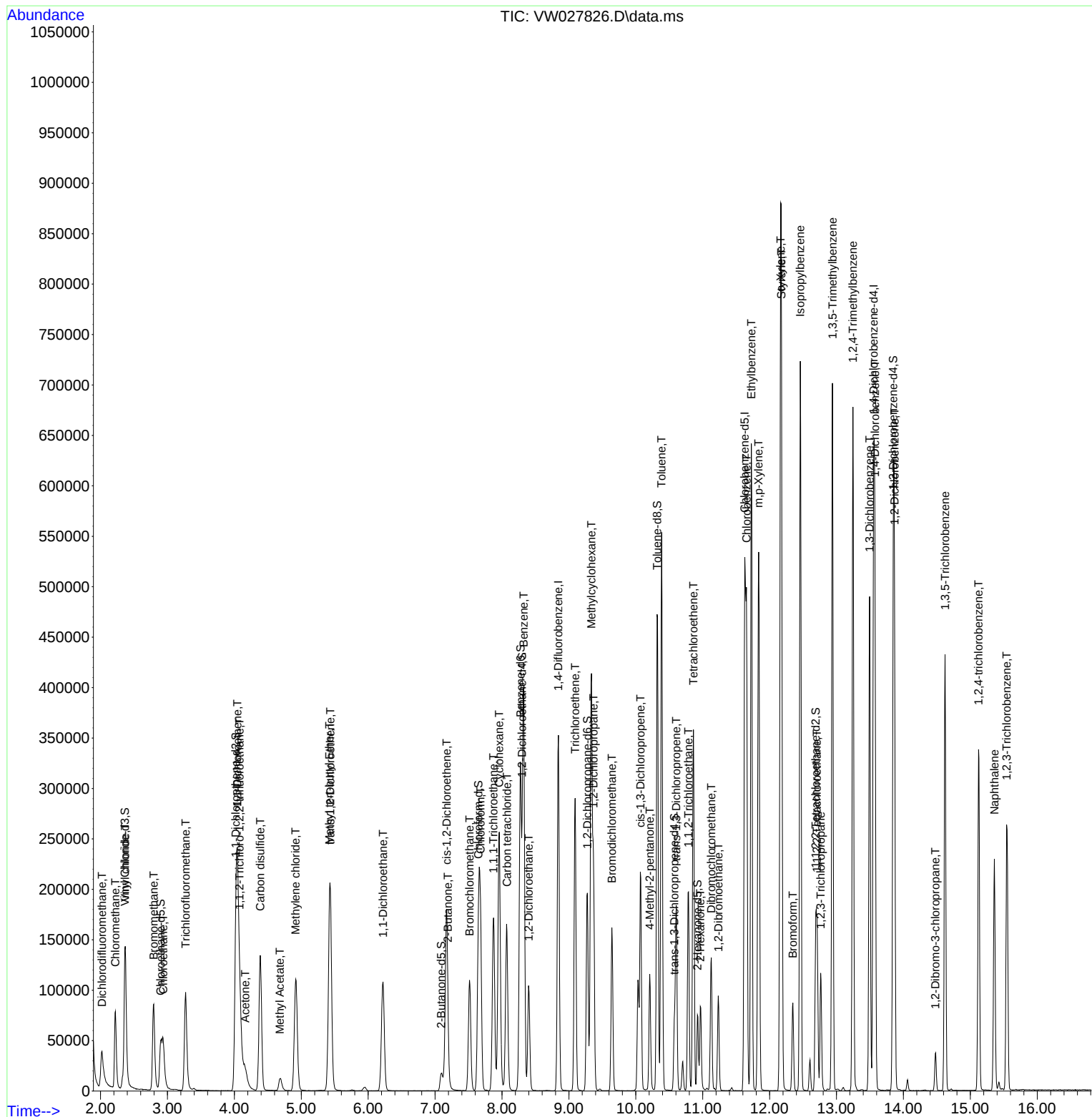
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94562	22.657	ug/L	99
29) Cyclohexane	7.959	56	145925	20.930	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	142708	23.185	ug/L	98
31) Carbon tetrachloride	8.075	117	127198	23.481	ug/L	97
33) Benzene	8.325	78	383127	22.429	ug/L	100
34) Trichloroethene	9.093	95	105152	22.583	ug/L	99
35) Methylcyclohexane	9.337	83	187384	22.313	ug/L	97
37) 1,2-Dichloropropane	9.367	63	90117	21.855	ug/L	100
38) Bromodichloromethane	9.642	83	111752	22.297	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	137330	21.851	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	70418	39.073	ug/L	99
42) Toluene	10.385	91	418839	22.788	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	107983	21.818	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	66742	21.862	ug/L	98
46) Tetrachloroethene	10.861	164	83281	22.399	ug/L	98
48) 2-Hexanone	10.965	43	50617	37.733	ug/L	98
49) Dibromochloromethane	11.129	129	72979	22.856	ug/L	95
50) 1,2-Dibromoethane	11.233	107	64182	22.122	ug/L	98
51) Chlorobenzene	11.653	112	266438	22.690	ug/L	90
52) Ethylbenzene	11.727	91	469175	22.653	ug/L	95
53) m,p-Xylene	11.836	106	188334	23.674	ug/L	98
54) o-Xylene	12.166	106	170087	22.961	ug/L	99
55) Styrene	12.178	104	290572	23.269	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	75380	21.661	ug/L	97
59) Bromoform	12.348	173	42892	23.500	ug/L	98
60) Isopropylbenzene	12.458	105	486601	23.122	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50728	20.412	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	389299	23.141	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	373923	22.580	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	213638	23.492	ug/L	82
65) 1,4-Dichlorobenzene	13.574	146	206182	22.571	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	181460	22.947	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9745	19.629	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.622	180	136423	21.560	ug/L	93
70) 1,2,4-trichlorobenzene	15.122	180	111448	21.447	ug/L	90
71) Naphthalene	15.360	128	201331	21.864	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	94863	21.834	ug/L	96

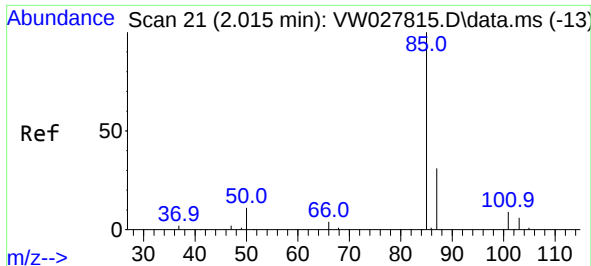
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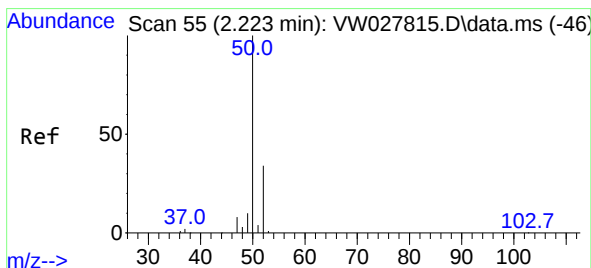
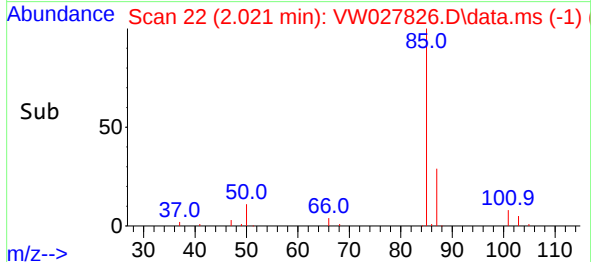
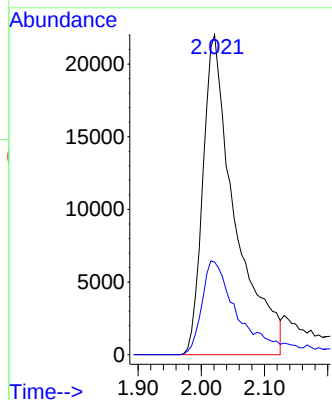
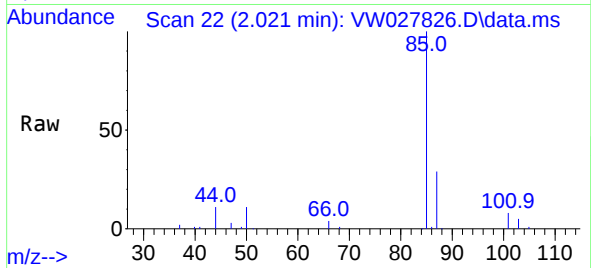




#2
Dichlorodifluoromethane
Concen: 20.205 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

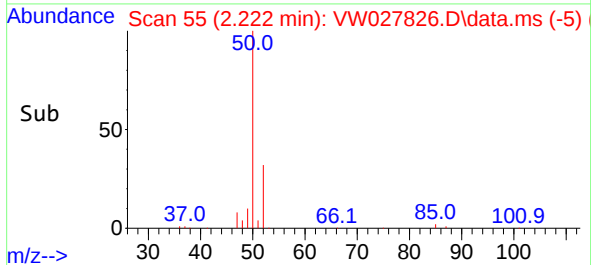
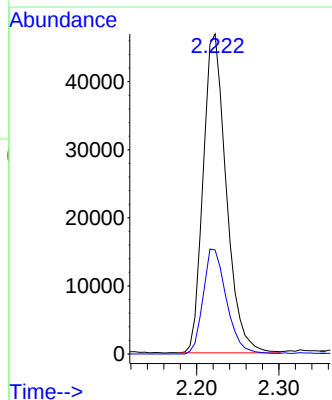
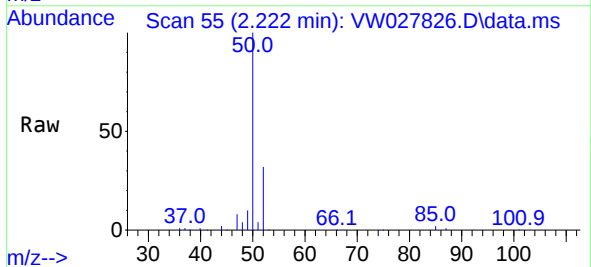
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MSVOA_W
ClientSampleId :

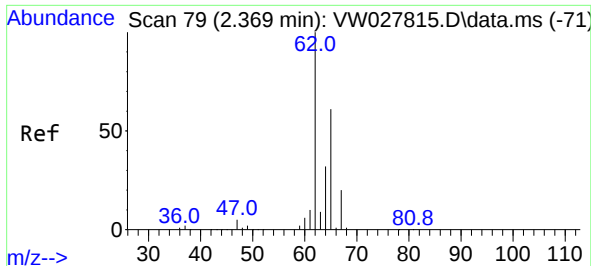
Tgt Ion: 85 Resp: 77175
Ion Ratio Lower Upper
85 100
87 28.5 23.2 34.8



#3
Chloromethane
Concen: 20.314 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 50 Resp: 91394
Ion Ratio Lower Upper
50 100
52 32.5 22.8 42.4

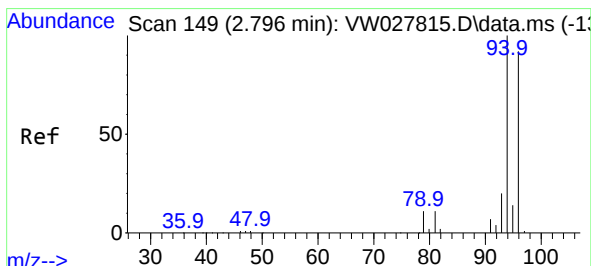
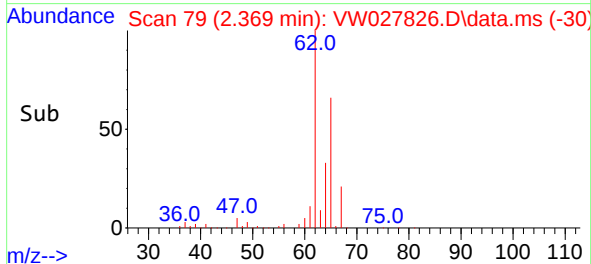
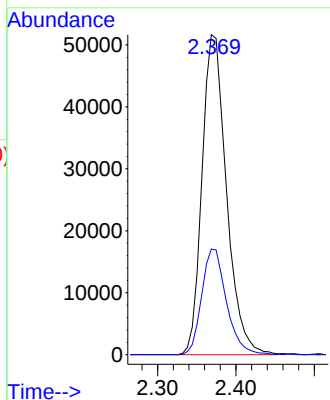
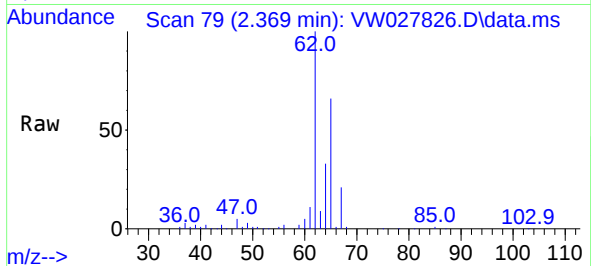




#5
 Vinyl chloride
 Concen: 20.954 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW027826.D
 Acq: 21 Dec 2023 17:03

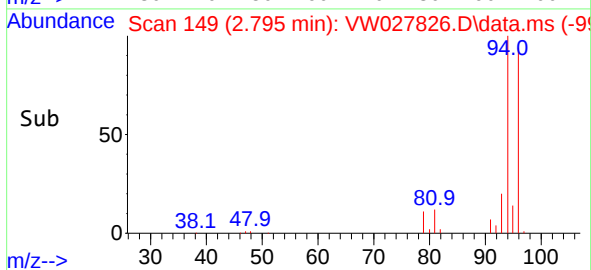
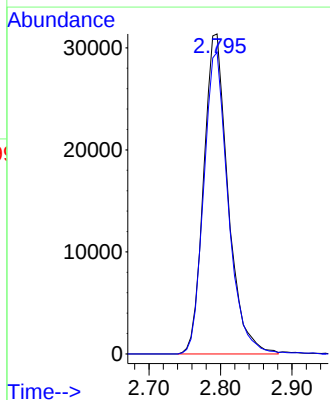
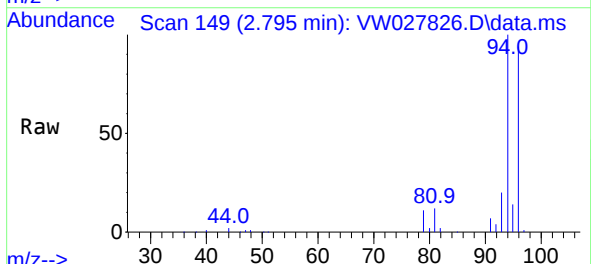
Instrument :
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 ClientSampleId :

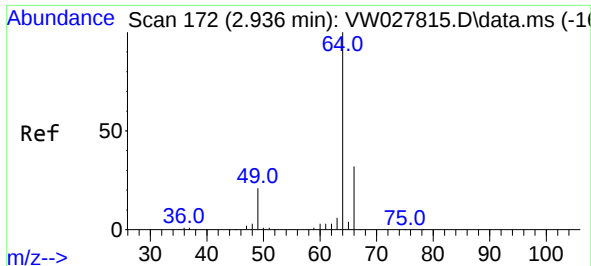
Tgt Ion: 62 Resp: 112153
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.2 41.2



#6
 Bromomethane
 Concen: 21.866 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027826.D
 Acq: 21 Dec 2023 17:03

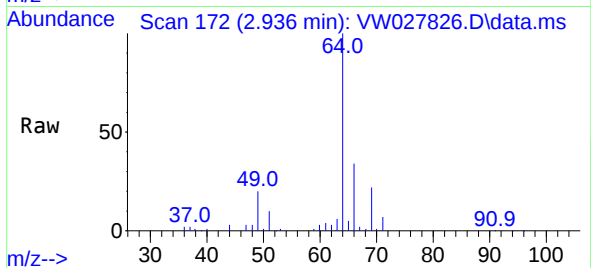
Tgt Ion: 94 Resp: 74495
 Ion Ratio Lower Upper
 94 100
 96 94.3 61.2 113.8



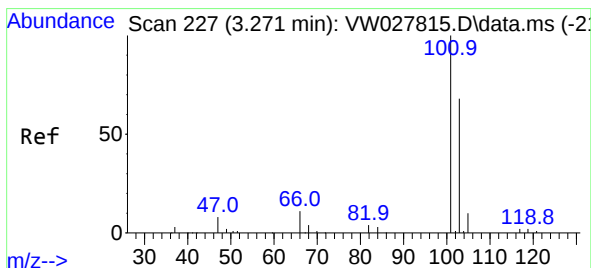
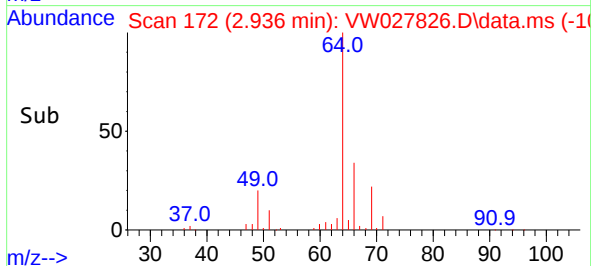
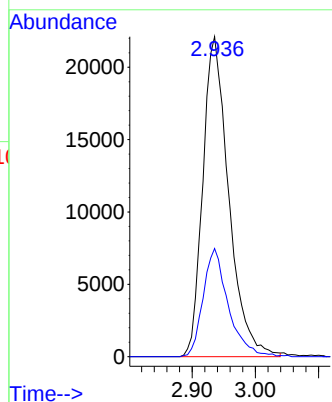


#8
Chloroethane
Concen: 19.680 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

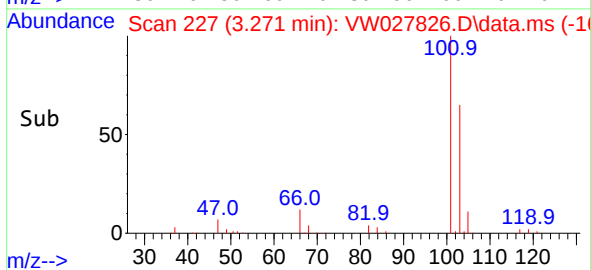
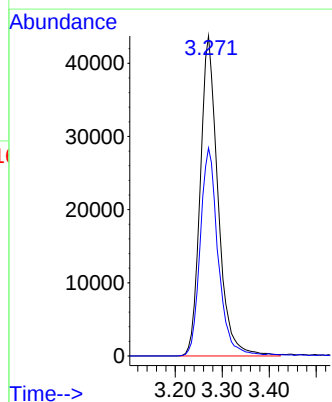
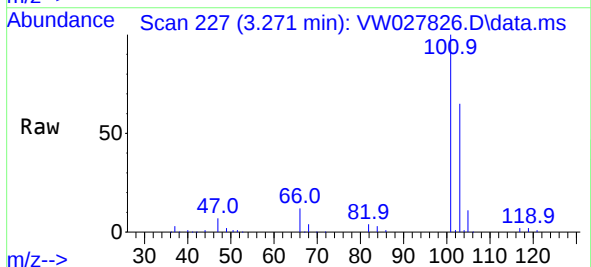


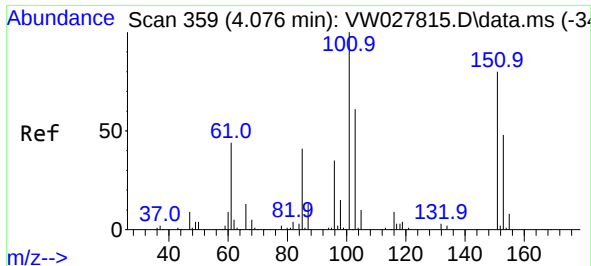
Tgt Ion: 64 Resp: 62979
Ion Ratio Lower Upper
64 100
66 33.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 23.728 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:101 Resp: 114704
Ion Ratio Lower Upper
101 100
103 65.6 51.1 76.7

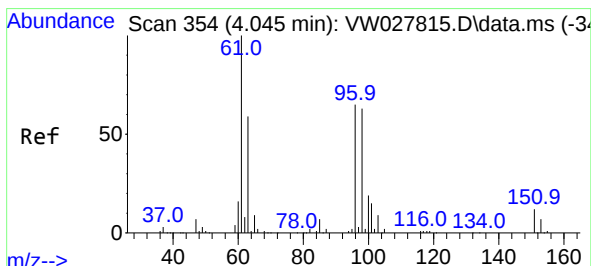
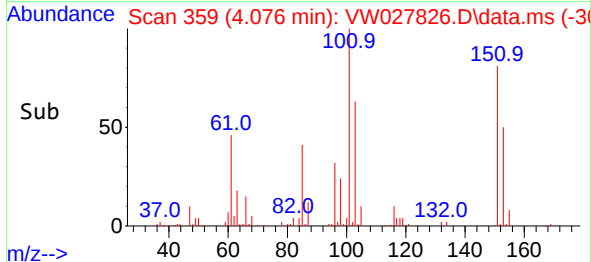
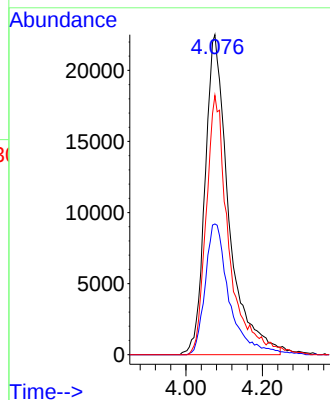
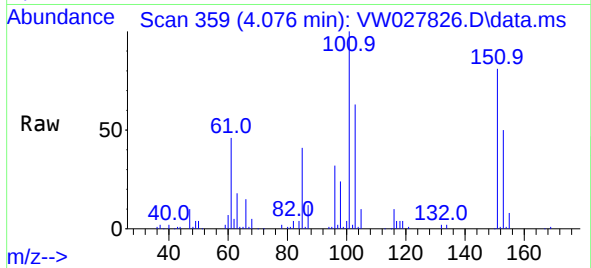




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.639 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW027826.D
 Acq: 21 Dec 2023 17:03

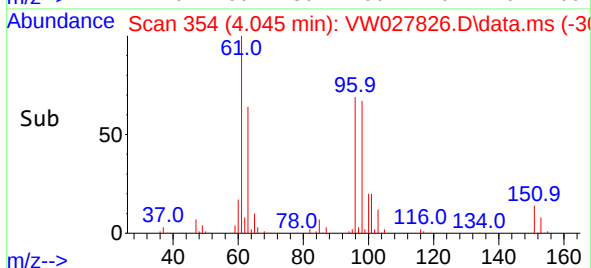
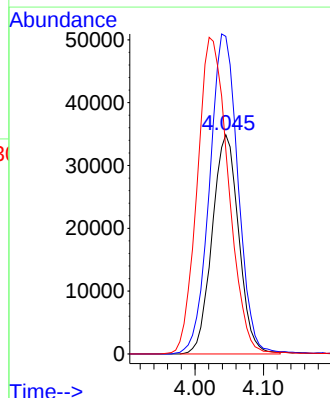
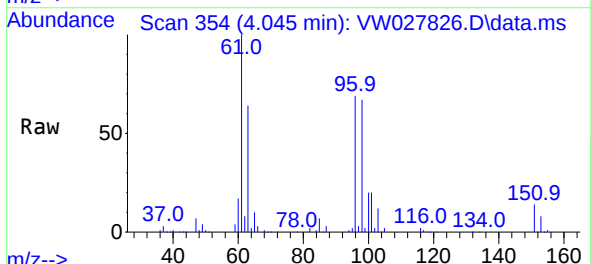
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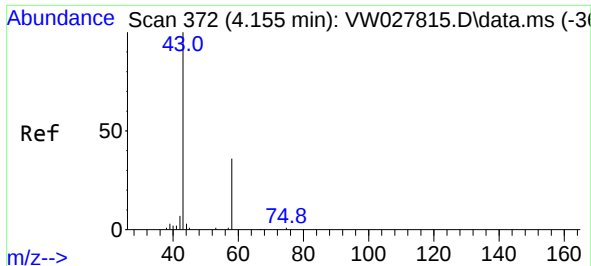
Tgt Ion:101 Resp: 97072
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.0 49.4
 151 71.5 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 23.322 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027826.D
 Acq: 21 Dec 2023 17:03

Tgt Ion: 96 Resp: 93754
 Ion Ratio Lower Upper
 96 100
 61 144.9 110.9 206.1
 63 93.2 73.6 136.6

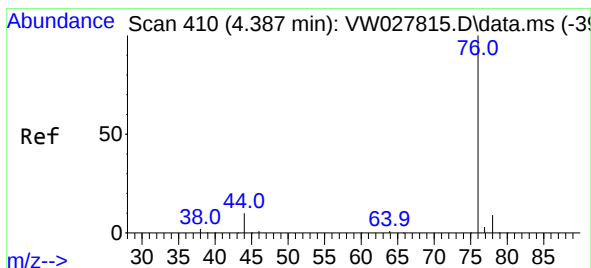
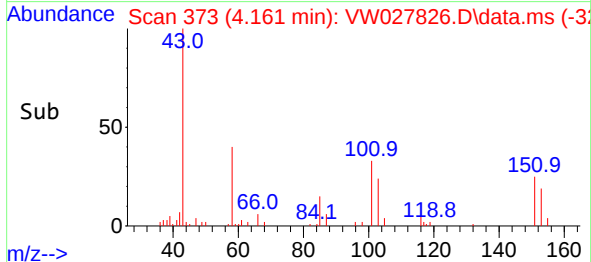
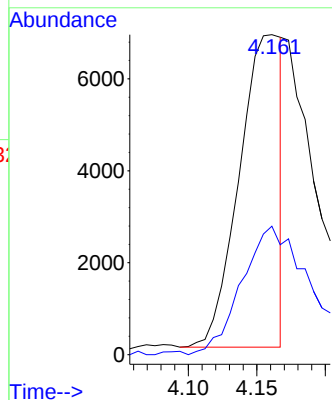
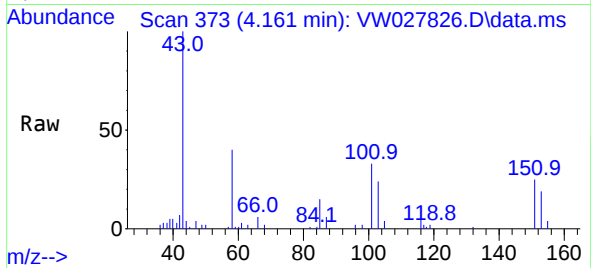




#13
Acetone
Concen: 20.329 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.025 min
Lab File: VW027826.D
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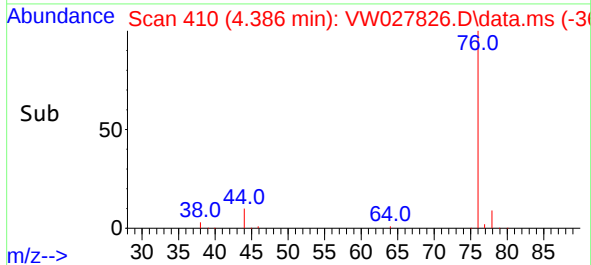
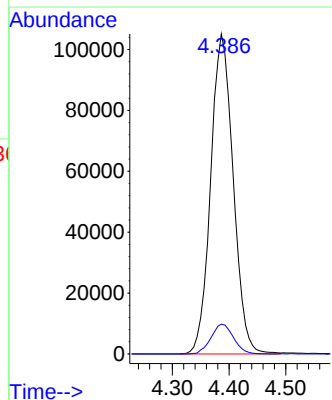
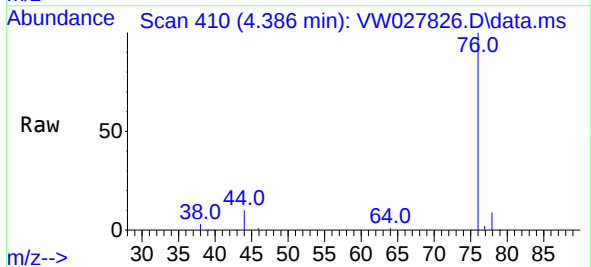
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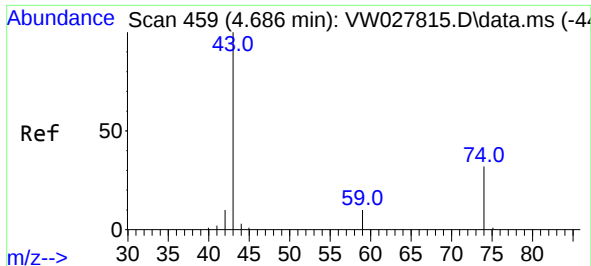
Tgt Ion: 43 Resp: 14605
Ion Ratio Lower Upper
43 100
58 66.9 0.0 68.6



#14
Carbon disulfide
Concen: 21.468 ug/L
RT: 4.386 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 76 Resp: 289917
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

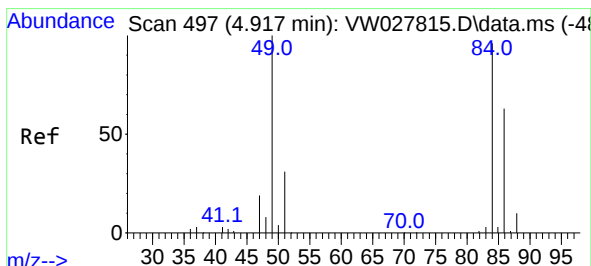
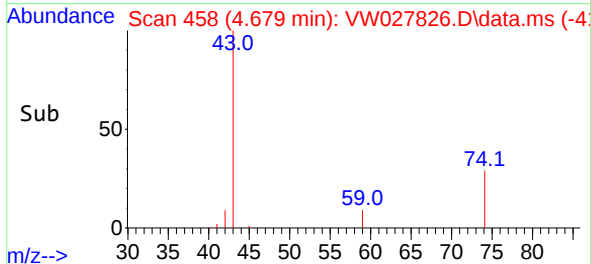
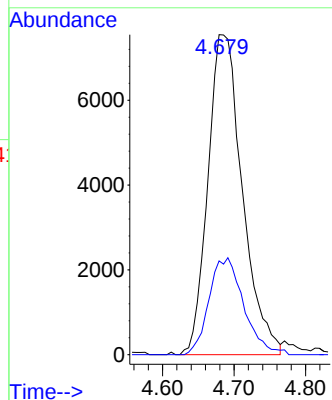
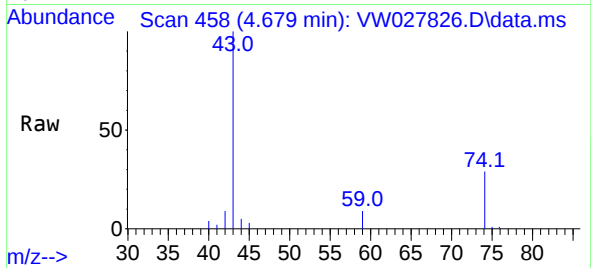




#15
Methyl Acetate
Concen: 19.467 ug/L
RT: 4.679 min Scan# 415
Delta R.T. -0.019 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

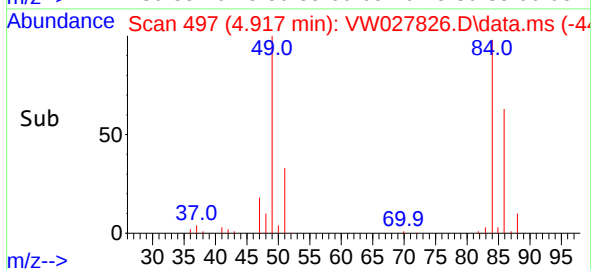
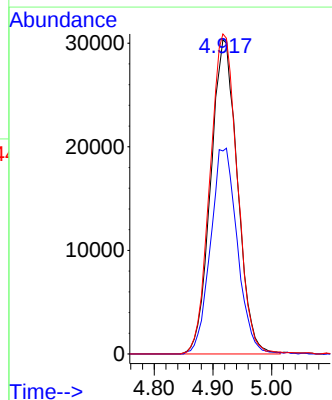
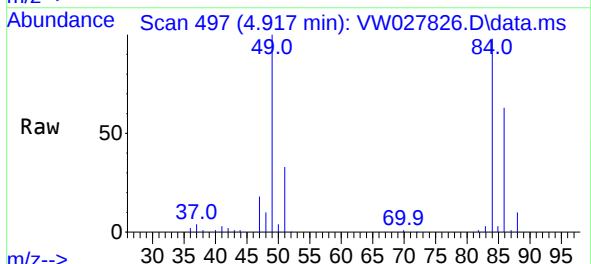
Instrument :
MSVOA_W
ClientSampleId :

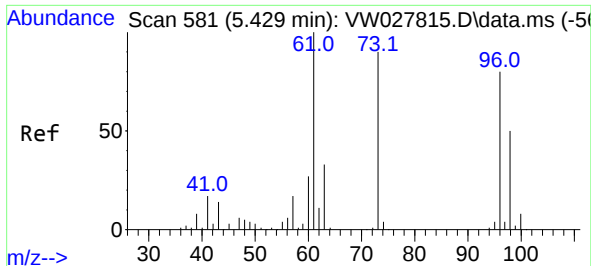
Tgt Ion: 43 Resp: 25268
Ion Ratio Lower Upper
43 100
74 30.4 22.1 33.1



#16
Methylene chloride
Concen: 18.639 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 84 Resp: 95911
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 101.8 76.2 141.6

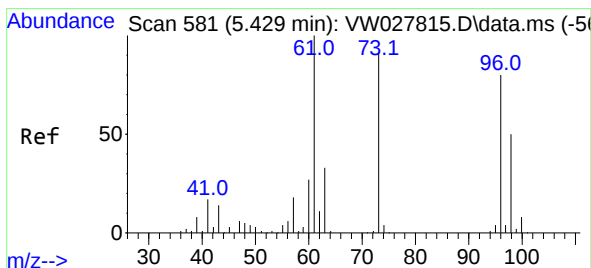
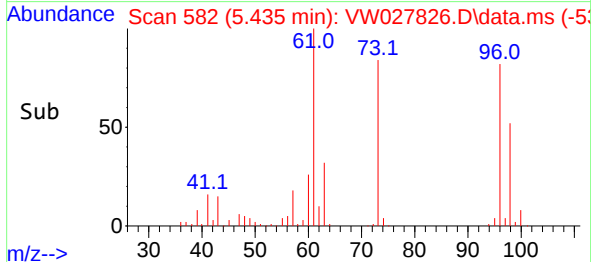
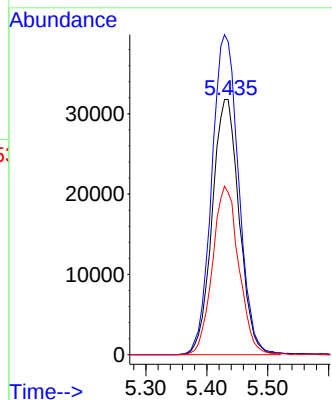
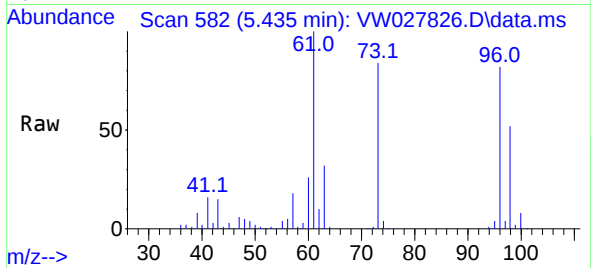




#17
trans-1,2-Dichloroethene
Concen: 23.035 ug/L
RT: 5.435 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

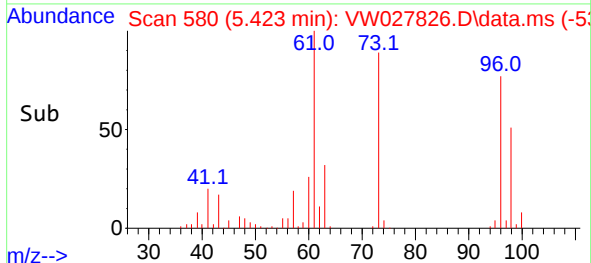
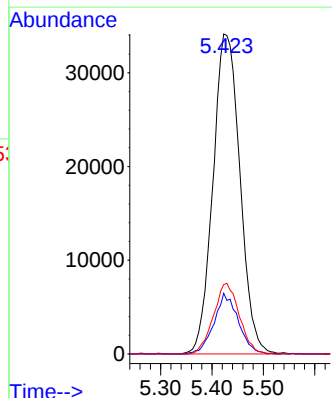
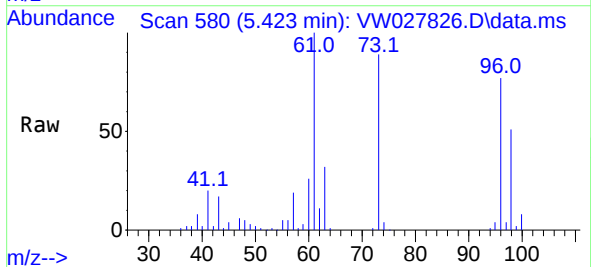
Instrument :
MSVOA_W
ClientSampleId :

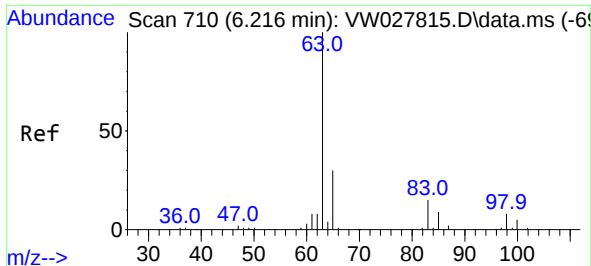
Tgt Ion: 96 Resp: 97914
Ion Ratio Lower Upper
96 100
61 122.5 88.5 164.3
98 63.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 22.170 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 73 Resp: 124598
Ion Ratio Lower Upper
73 100
43 17.0 13.5 20.3
57 21.1 17.4 26.0

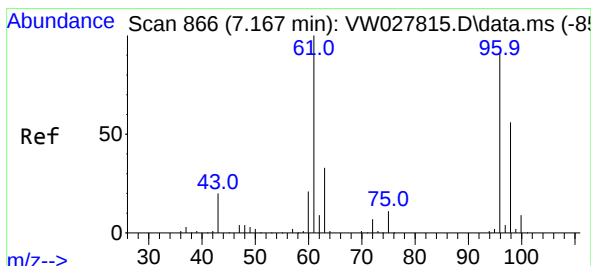
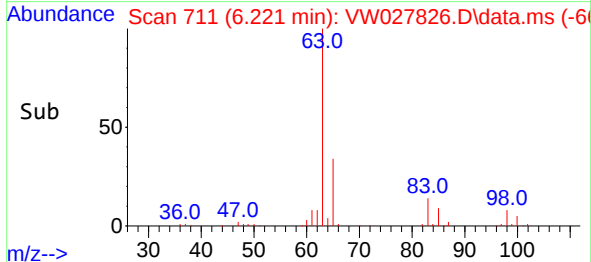
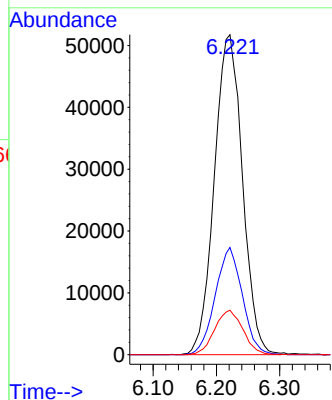
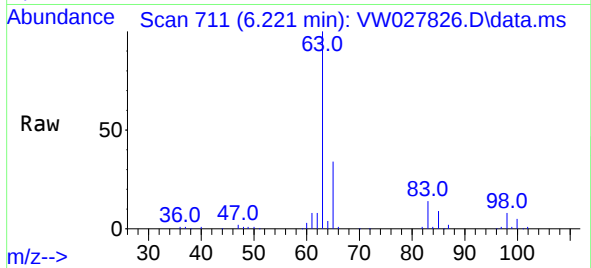




#19
1,1-Dichloroethane
Concen: 22.096 ug/L
RT: 6.221 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

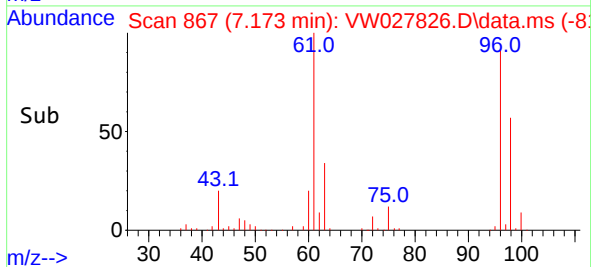
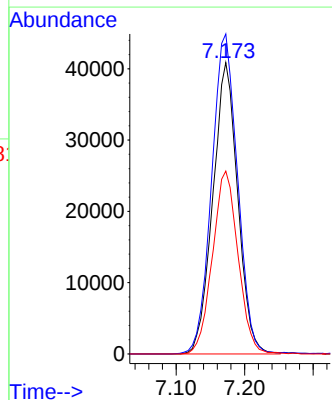
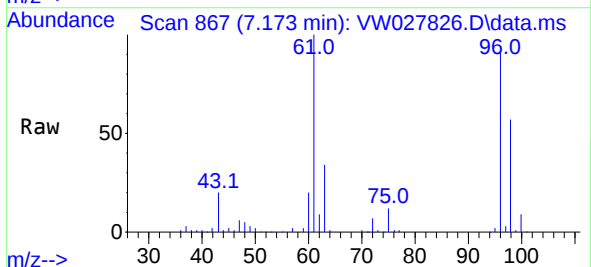
Instrument :
MSVOA_W
ClientSampleId :

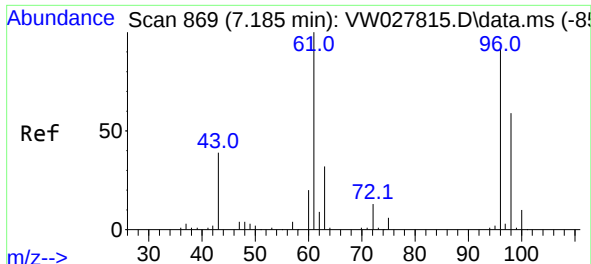
Tgt Ion: 63 Resp: 159717
Ion Ratio Lower Upper
63 100
65 33.5 23.0 42.8
83 13.9 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 23.028 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 96 Resp: 103045
Ion Ratio Lower Upper
96 100
61 109.8 83.5 155.1
98 62.8 46.5 86.5

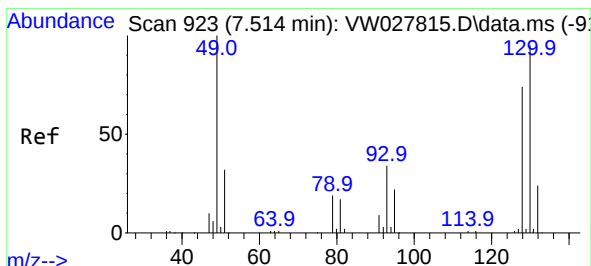
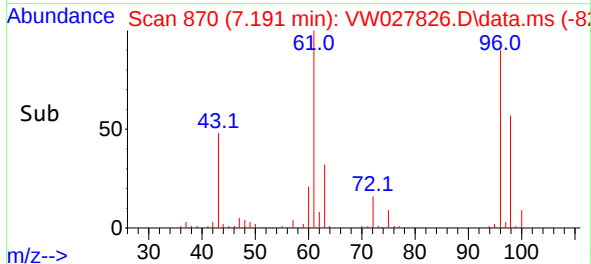
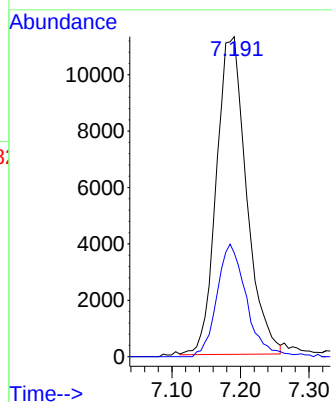
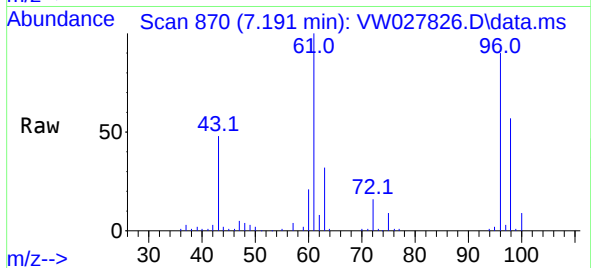




#22
2-Butanone
Concen: 36.053 ug/L
RT: 7.191 min Scan# 81
Delta R.T. -0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

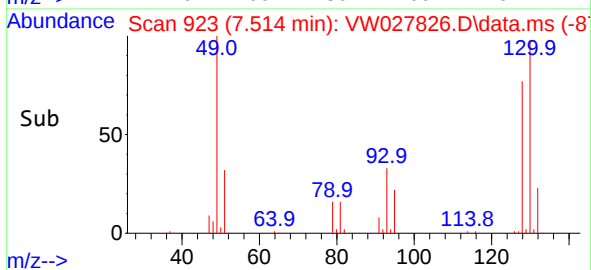
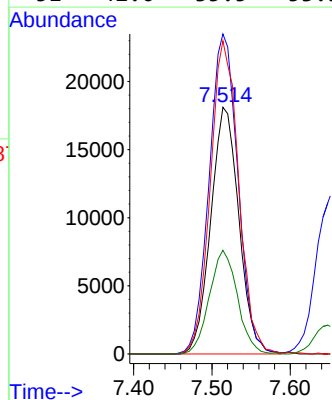
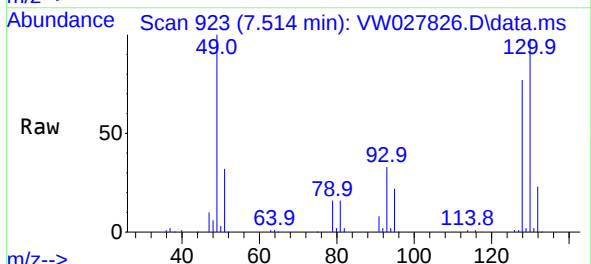
Instrument :
MSVOA_W
ClientSampleId :

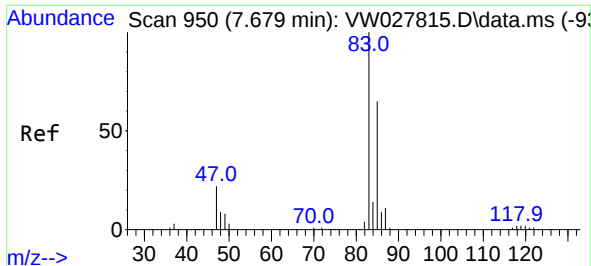
Tgt Ion: 43 Resp: 34396
Ion Ratio Lower Upper
43 100
72 34.5 16.1 48.2



#23
Bromochloromethane
Concen: 23.975 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:128 Resp: 45301
Ion Ratio Lower Upper
128 100
49 129.7 94.1 174.7
130 127.0 86.2 160.0
51 42.0 35.5 53.3

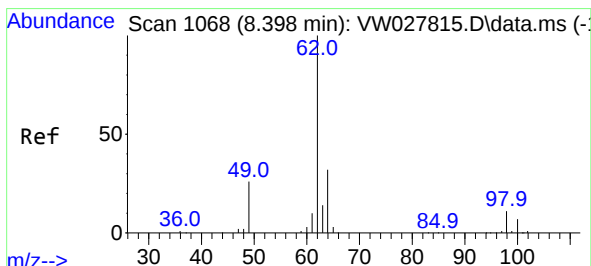
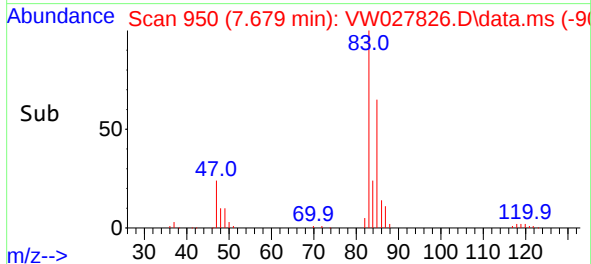
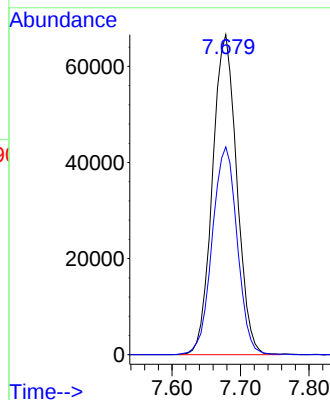
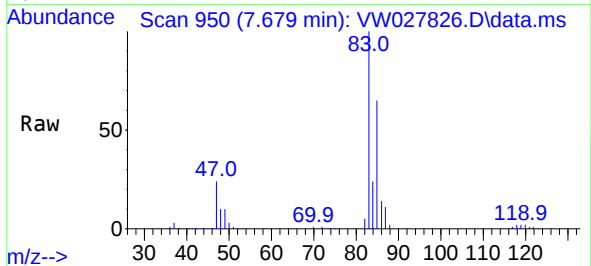




#25
Chloroform
Concen: 23.088 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

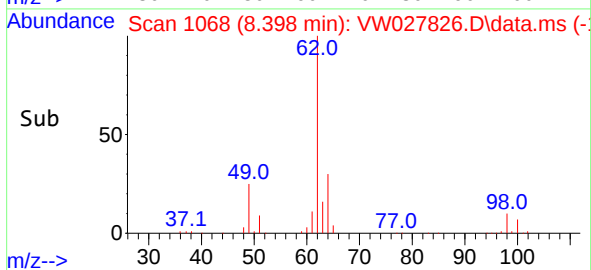
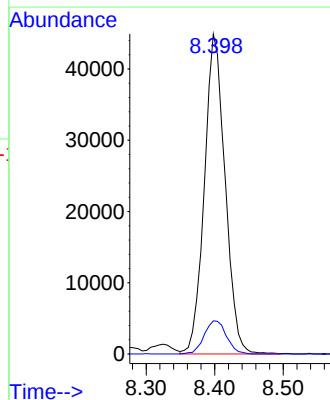
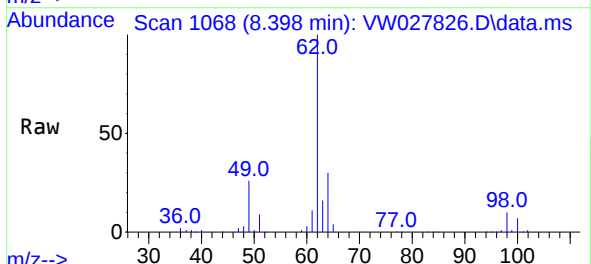
Instrument :
MSVOA_W
ClientSampleId :

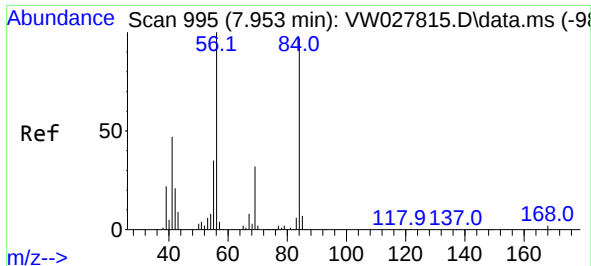
Tgt Ion: 83 Resp: 164354
Ion Ratio Lower Upper
83 100
85 65.0 46.9 87.1



#27
1,2-Dichloroethane
Concen: 22.657 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 62 Resp: 94562
Ion Ratio Lower Upper
62 100
98 10.3 8.1 12.1





#29

Cyclohexane

Concen: 20.930 ug/L

RT: 7.959 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

ClientSampleId :

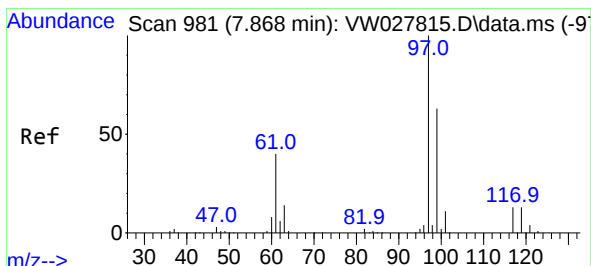
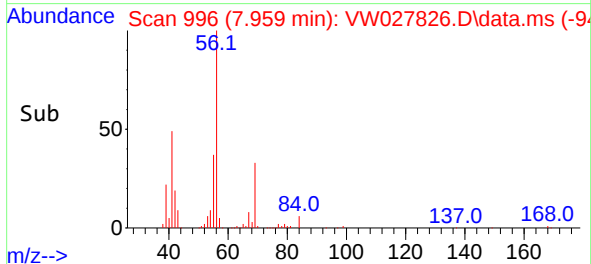
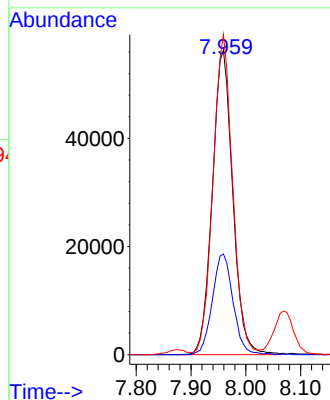
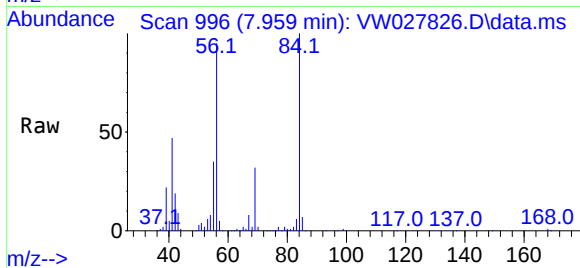
Tgt Ion: 56 Resp: 145925

Ion Ratio Lower Upper

56 100

69 33.3 25.7 38.5

84 101.0 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 23.185 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

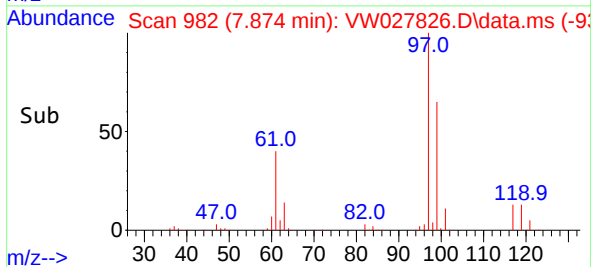
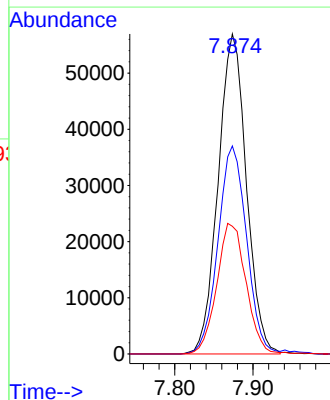
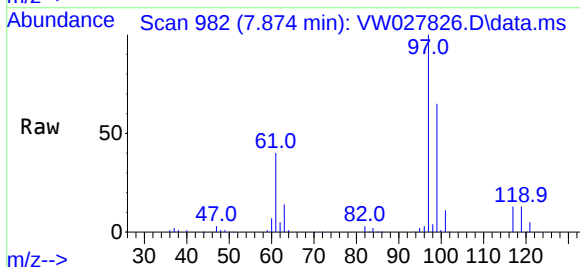
Tgt Ion: 97 Resp: 142708

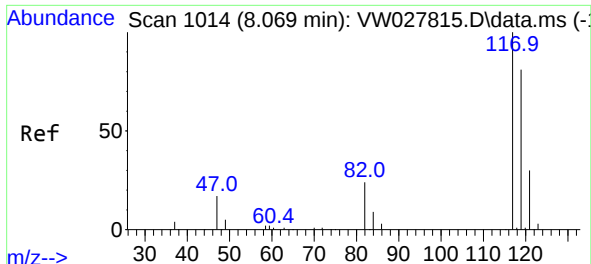
Ion Ratio Lower Upper

97 100

99 65.8 51.1 76.7

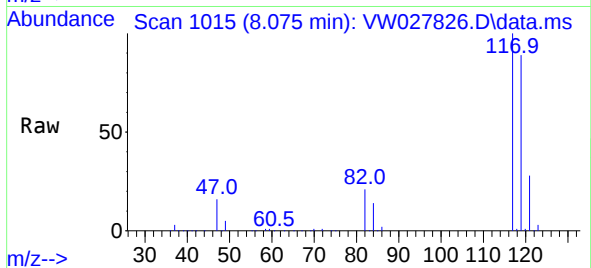
61 42.1 34.2 51.4



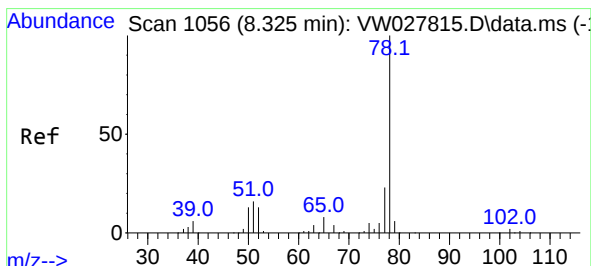
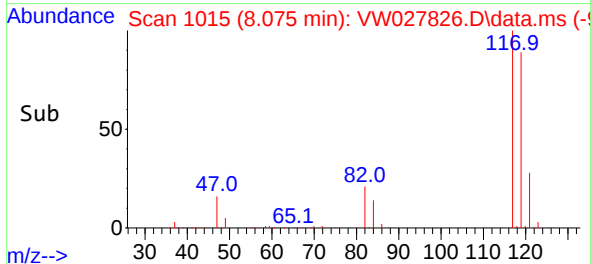
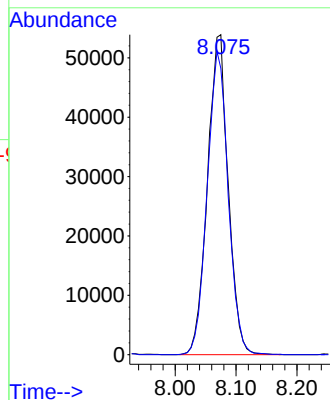


#31
Carbon tetrachloride
Concen: 23.481 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

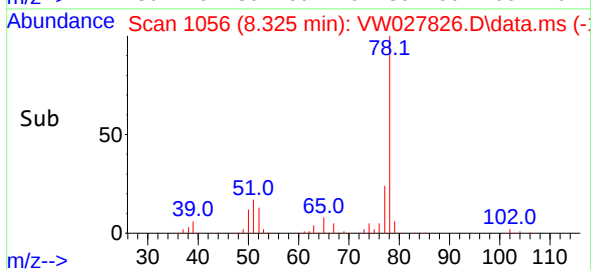
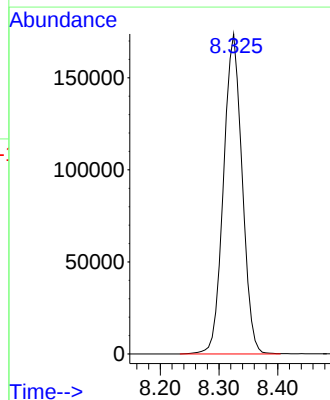
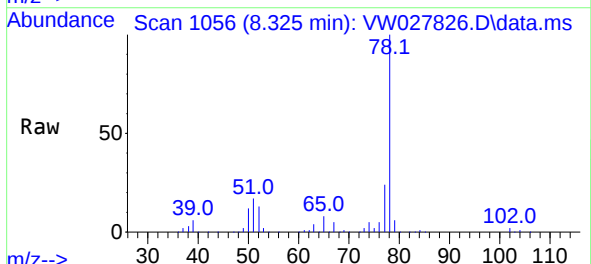


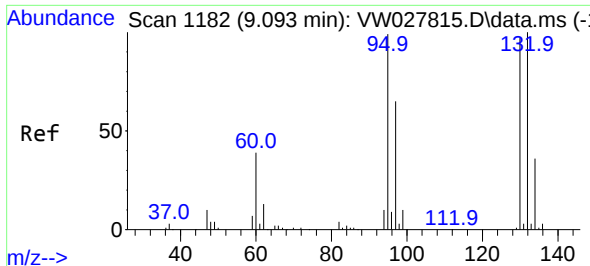
Tgt Ion:117 Resp: 127198
Ion Ratio Lower Upper
117 100
119 96.1 74.6 112.0



#33
Benzene
Concen: 22.429 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

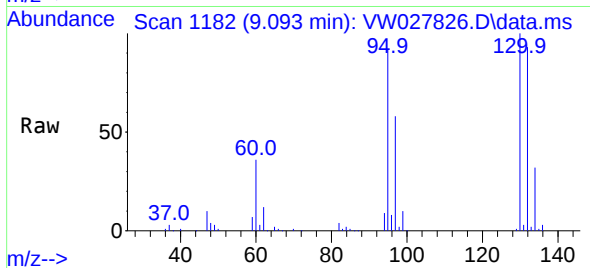
Tgt Ion: 78 Resp: 383127



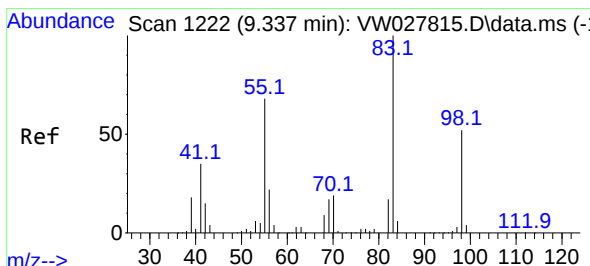
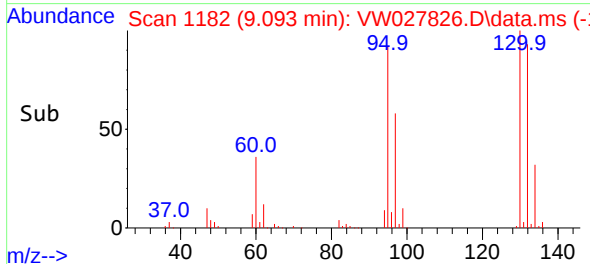
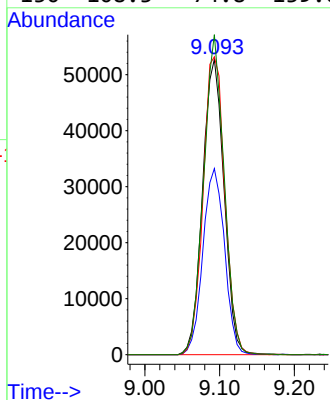


#34
Trichloroethene
Concen: 22.583 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

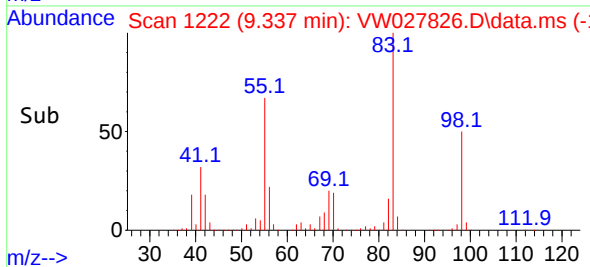
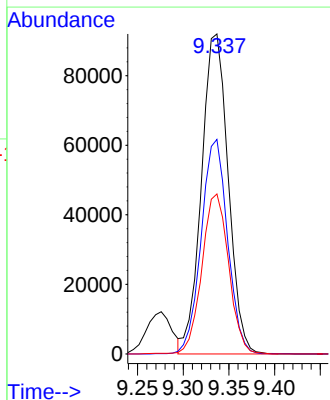
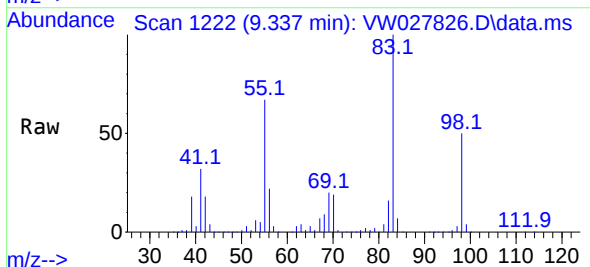


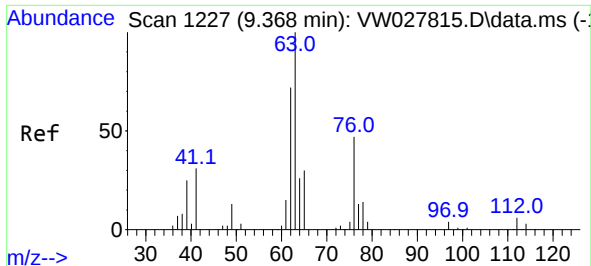
Tgt Ion: 95 Resp: 105152
Ion Ratio Lower Upper
95 100
97 63.0 45.9 85.3
132 100.8 70.4 130.8
130 108.3 74.8 139.0



#35
Methylcyclohexane
Concen: 22.313 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 83 Resp: 187384
Ion Ratio Lower Upper
83 100
55 66.0 55.1 82.7
98 50.0 39.3 58.9

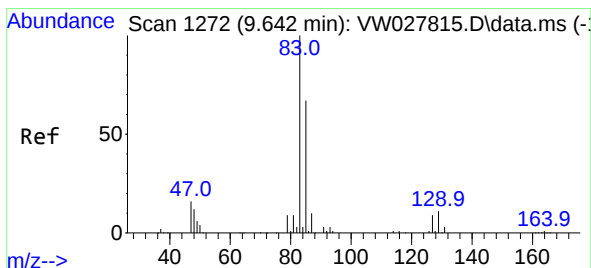
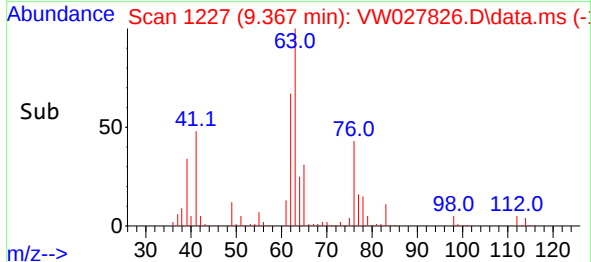
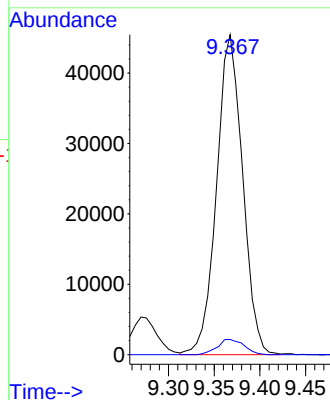
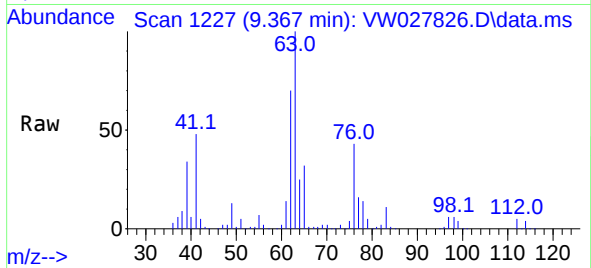




#37
1,2-Dichloropropane
Concen: 21.855 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

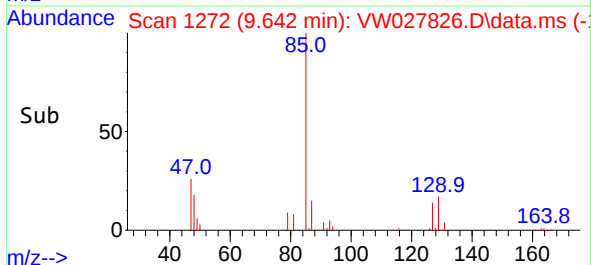
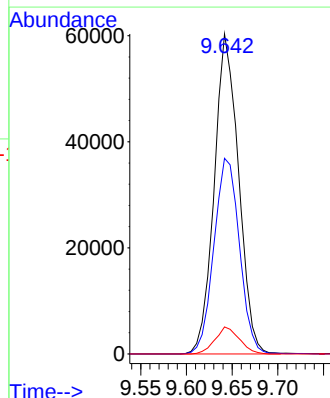
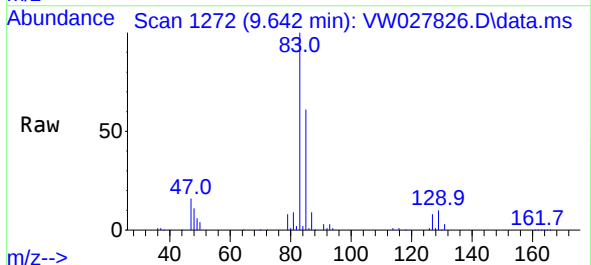
Instrument :
MSVOA_W
ClientSampleId :

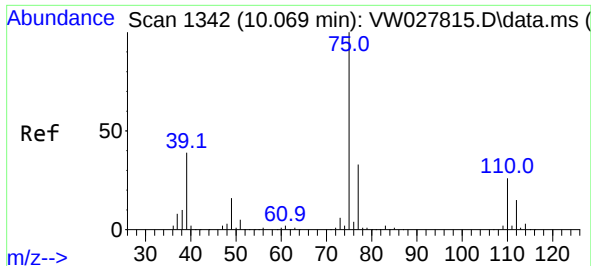
Tgt Ion: 63 Resp: 90117
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 22.297 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 83 Resp: 111752
Ion Ratio Lower Upper
83 100
85 61.1 45.3 84.1
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 21.851 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

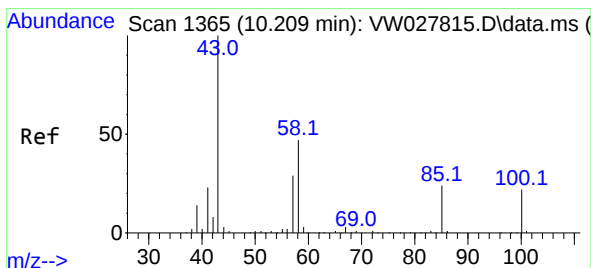
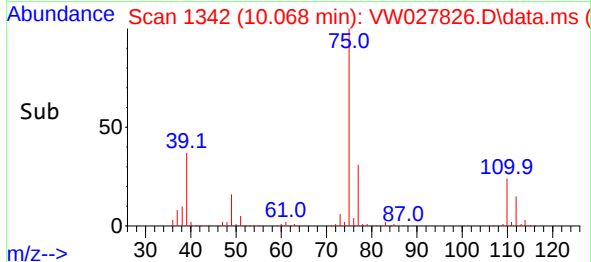
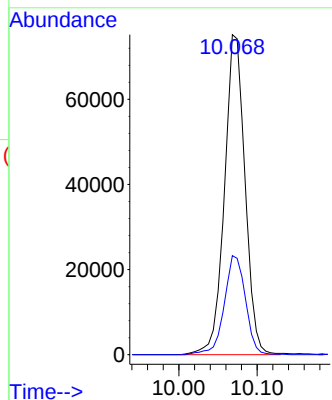
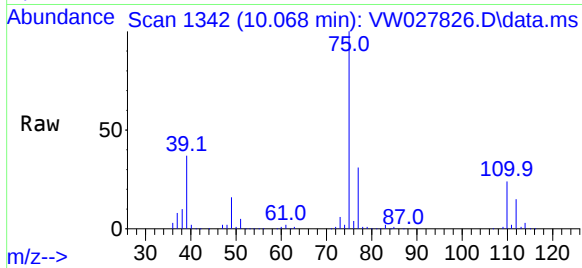
ClientSampleId :

Tgt Ion: 75 Resp: 137330

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.073 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

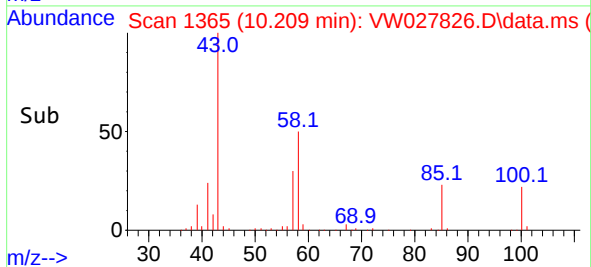
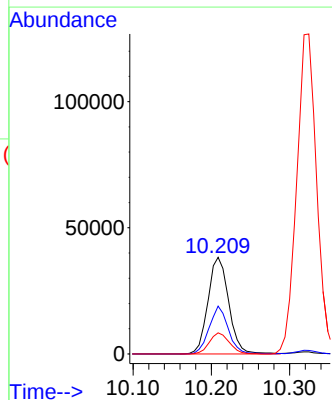
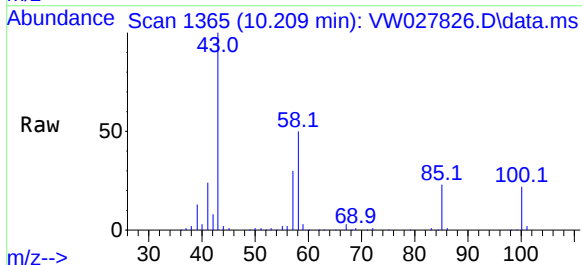
Tgt Ion: 43 Resp: 70418

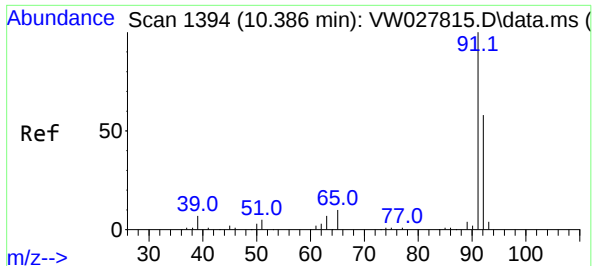
Ion Ratio Lower Upper

43 100

58 45.6 36.1 54.1

100 21.0 15.8 23.8





#42

Toluene

Concen: 22.788 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

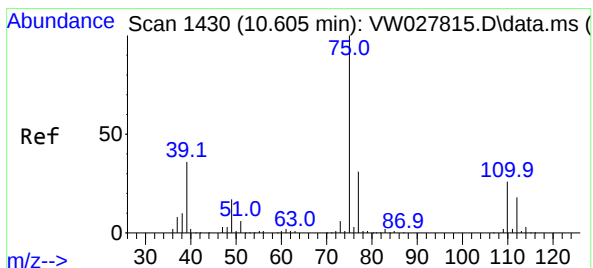
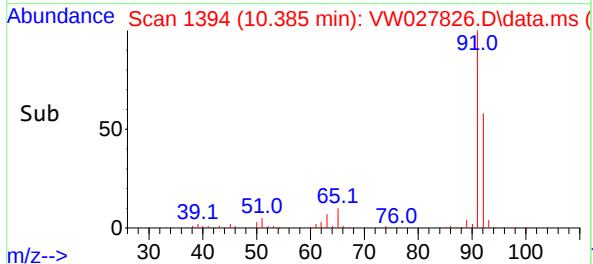
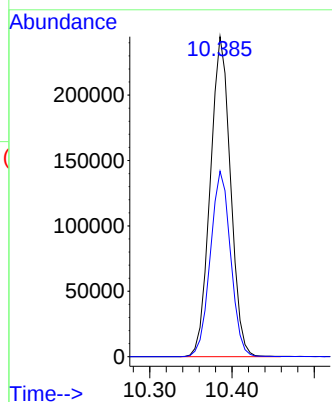
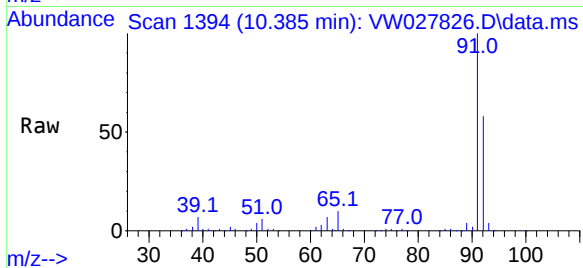
ClientSampleId :

Tgt Ion: 91 Resp: 418839

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 21.818 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027826.D

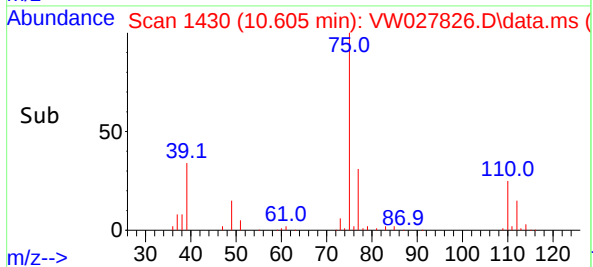
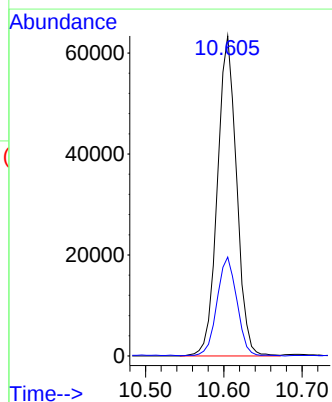
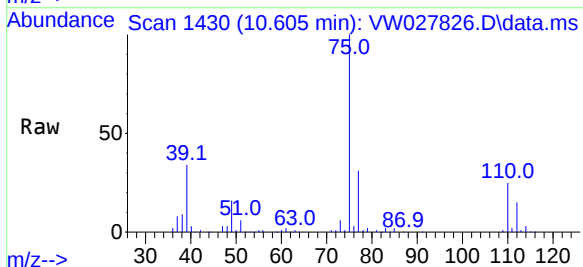
Acq: 21 Dec 2023 17:03

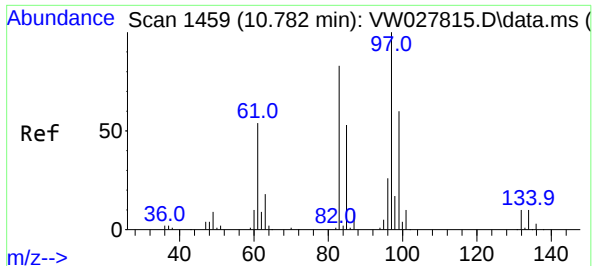
Tgt Ion: 75 Resp: 107983

Ion Ratio Lower Upper

75 100

77 30.9 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 21.862 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 66742

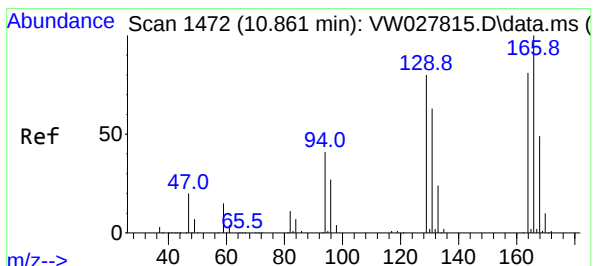
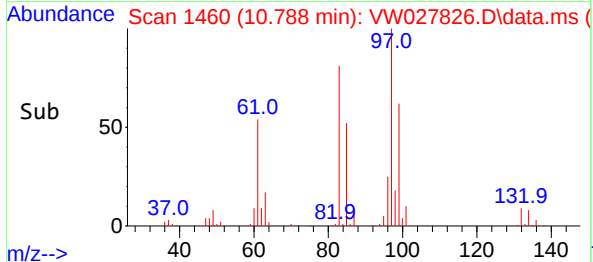
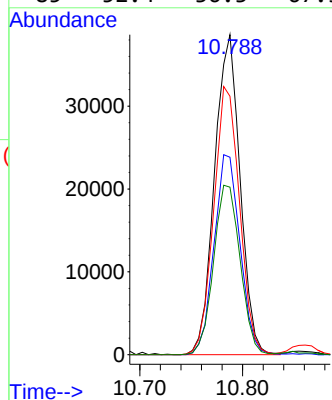
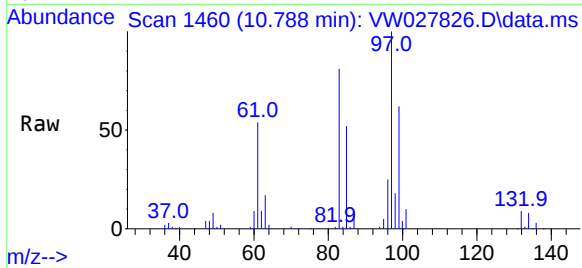
Ion Ratio Lower Upper

97 100

99 61.7 43.4 80.6

83 80.8 59.0 109.6

85 52.4 36.3 67.5



#46

Tetrachloroethene

Concen: 22.399 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Tgt Ion:164 Resp: 83281

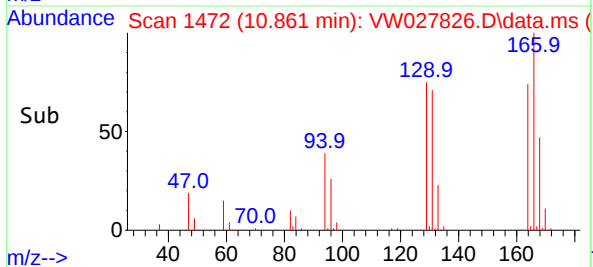
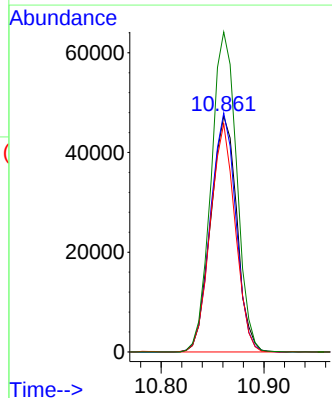
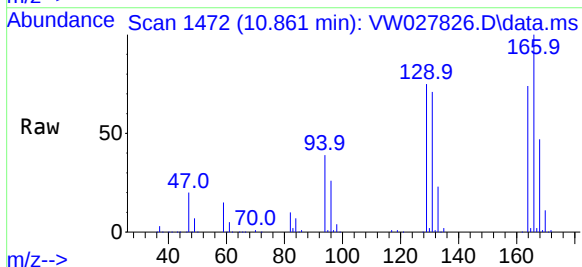
Ion Ratio Lower Upper

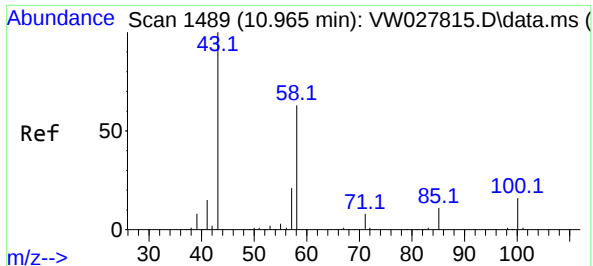
164 100

129 101.3 70.5 130.9

131 96.8 64.8 120.3

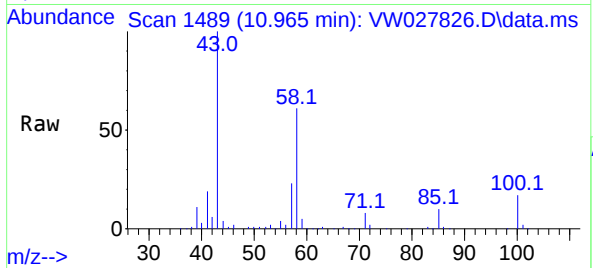
166 135.7 94.8 176.0





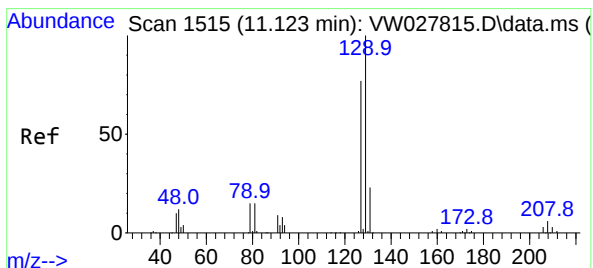
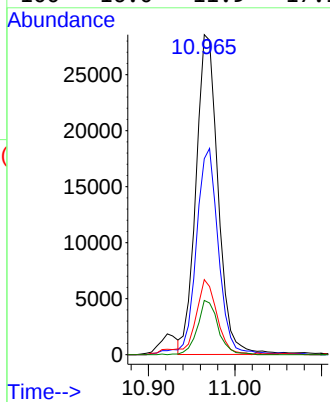
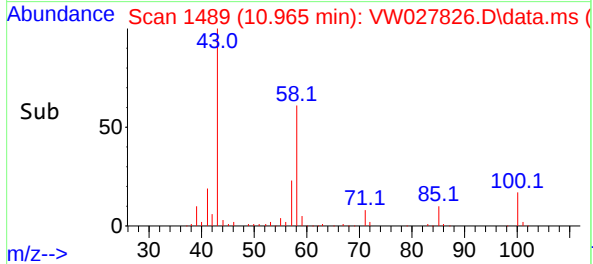
#48
2-Hexanone
Concen: 37.733 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 50617

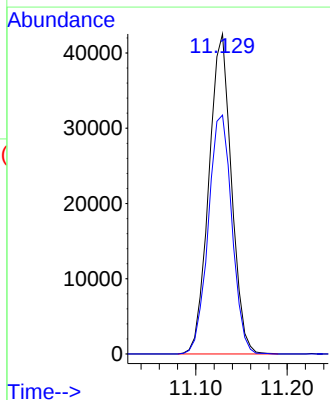
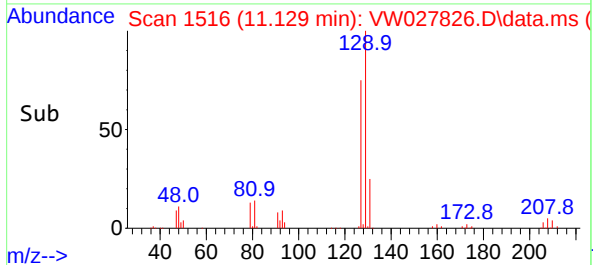
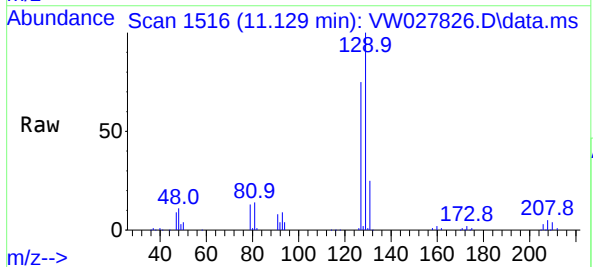
Ion	Ratio	Lower	Upper
43	100		
58	65.1	50.4	75.6
57	21.6	17.0	25.6
100	16.0	11.9	17.9

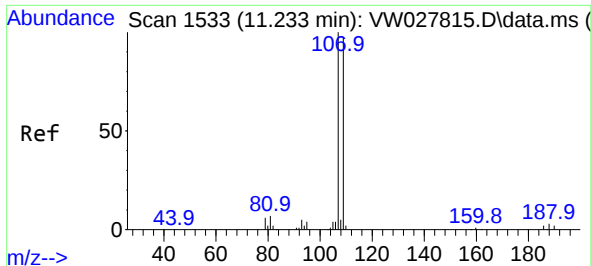


#49
Dibromochloromethane
Concen: 22.856 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion: 129 Resp: 72979

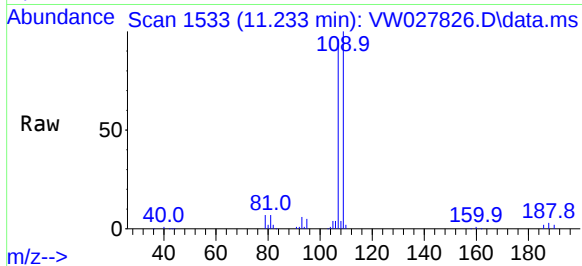
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.4	102.8



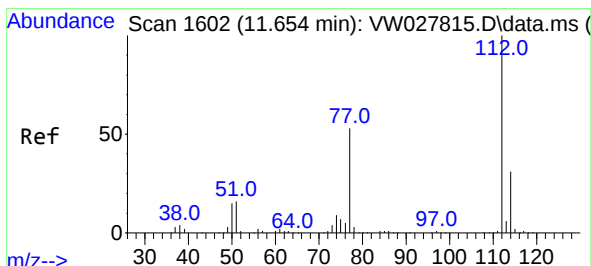
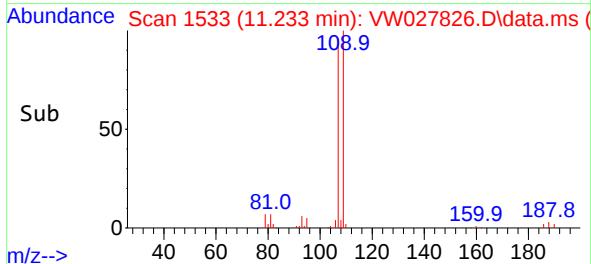
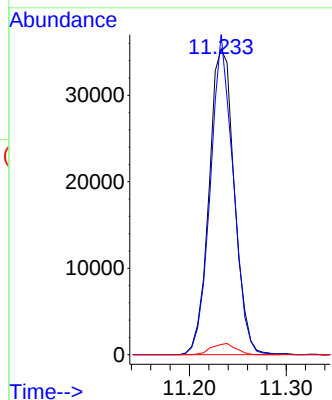


#50
1,2-Dibromoethane
Concen: 22.122 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

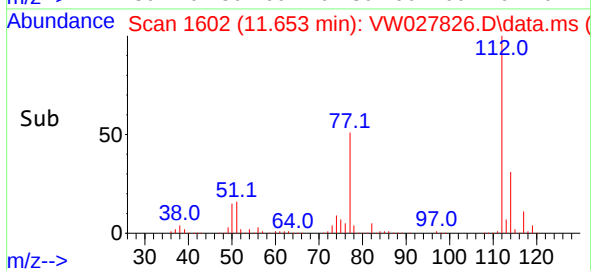
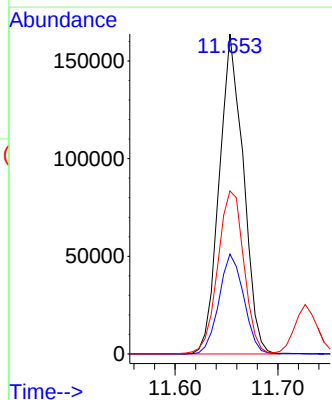
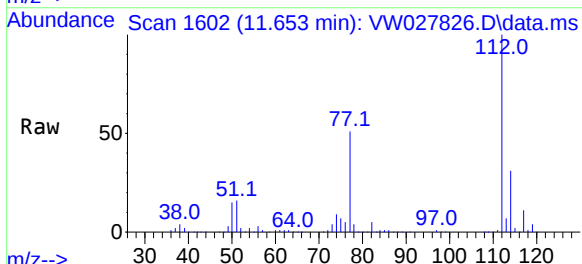


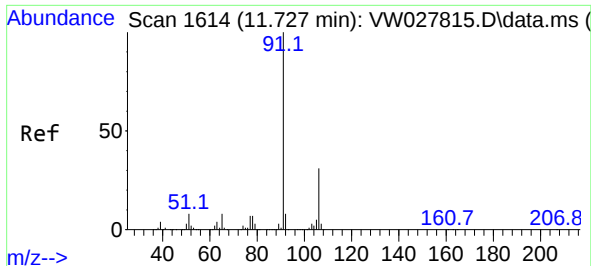
Tgt Ion:107 Resp: 64182
Ion Ratio Lower Upper
107 100
109 104.7 72.1 133.9
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 22.690 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

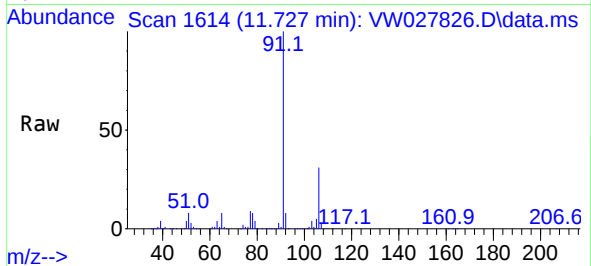
Tgt Ion:112 Resp: 266438
Ion Ratio Lower Upper
112 100
114 31.2 25.0 46.4
77 51.0 48.1 72.1



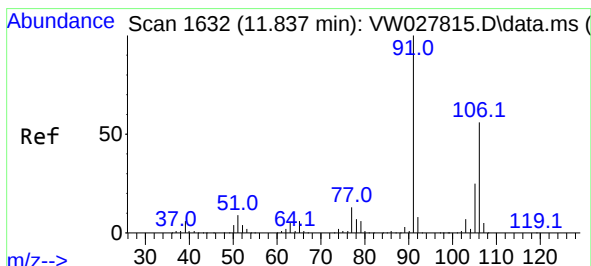
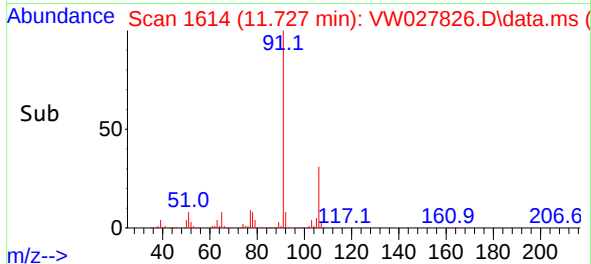
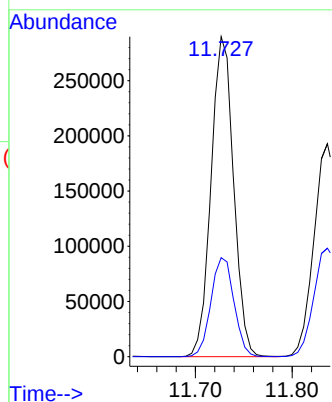


#52
Ethylbenzene
Concen: 22.653 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

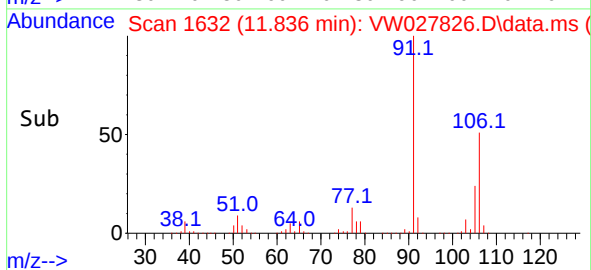
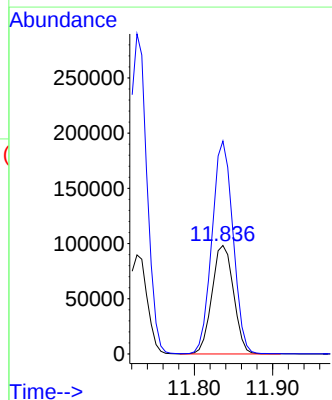
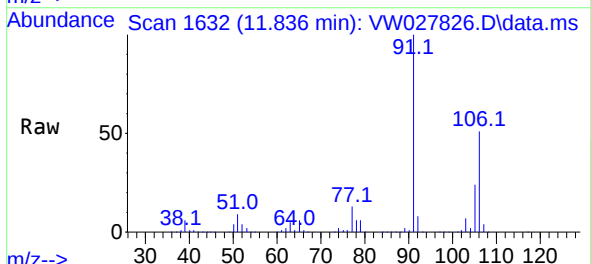


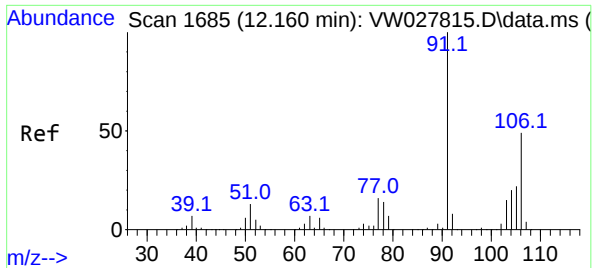
Tgt Ion: 91 Resp: 469175
Ion Ratio Lower Upper
91 100
106 31.0 23.7 44.1



#53
m,p-Xylene
Concen: 23.674 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:106 Resp: 188334
Ion Ratio Lower Upper
106 100
91 196.2 135.7 251.9

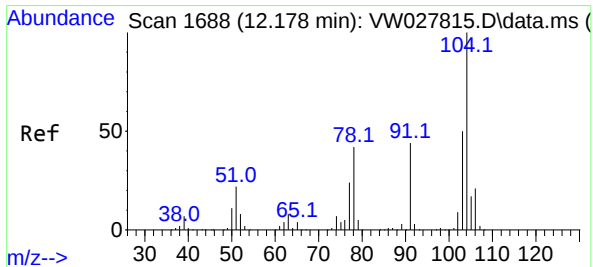
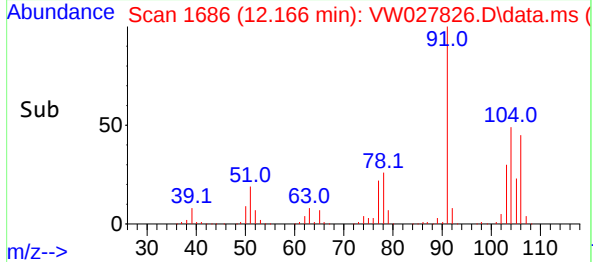
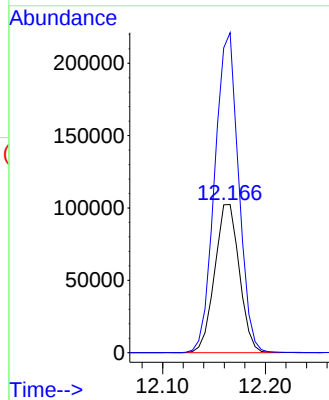
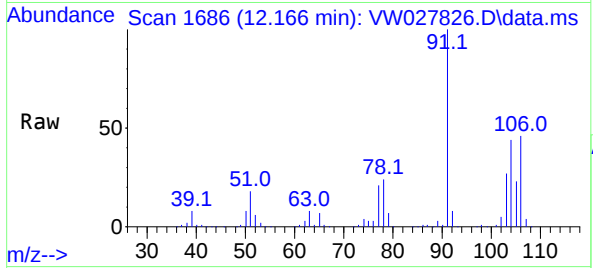




#54
o-Xylene
Concen: 22.961 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

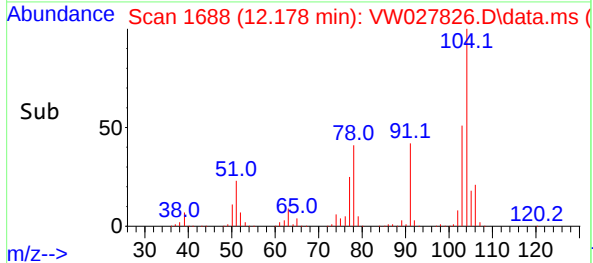
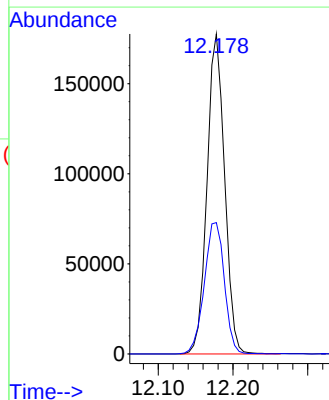
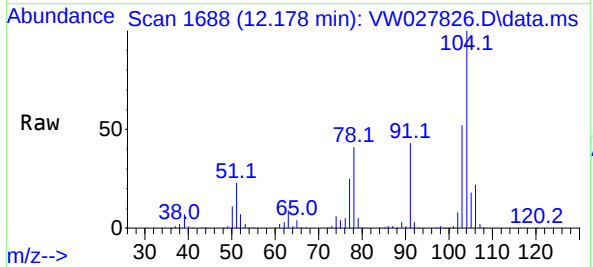
Instrument :
MSVOA_W
ClientSampleId :

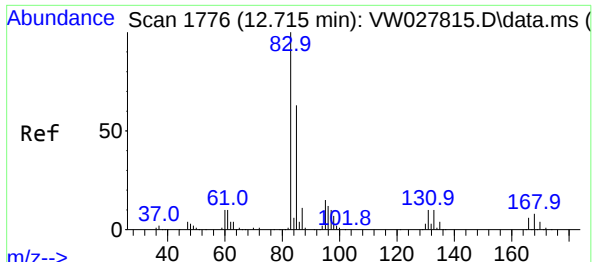
Tgt Ion:106 Resp: 170087
Ion Ratio Lower Upper
106 100
91 215.9 149.9 278.3



#55
Styrene
Concen: 23.269 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:104 Resp: 290572
Ion Ratio Lower Upper
104 100
78 41.0 29.6 55.0

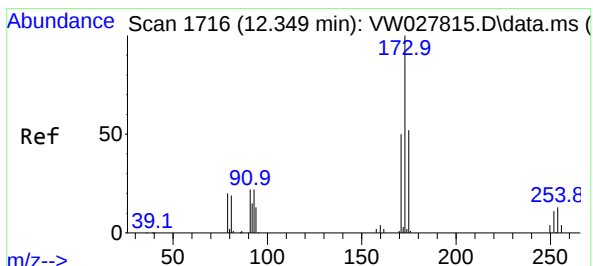
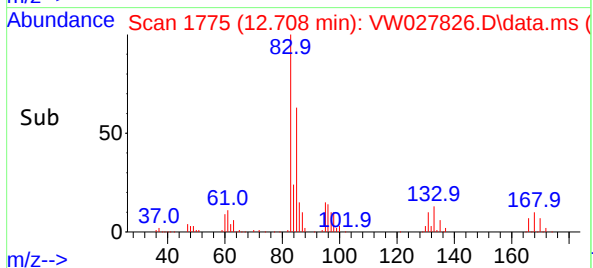
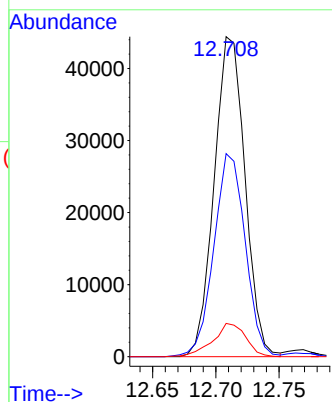
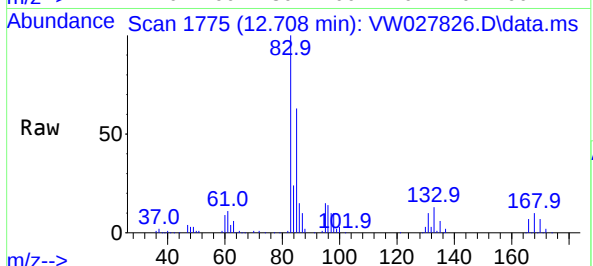




#57
1,1,2-Tetrachloroethane
Concen: 21.661 ug/L
RT: 12.708 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

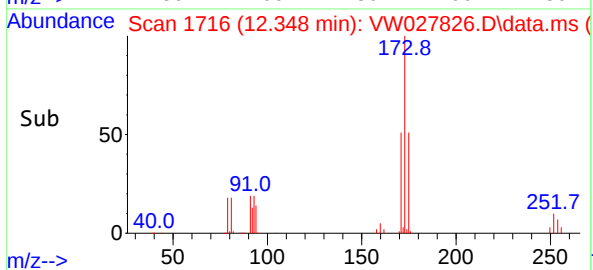
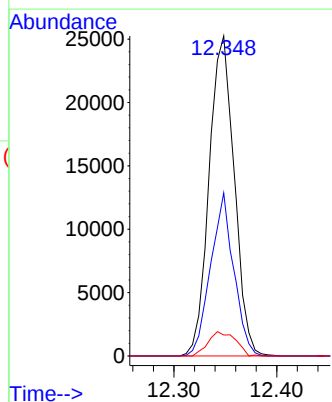
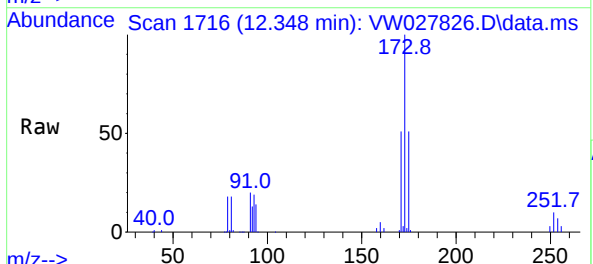
Instrument :
MSVOA_W
ClientSampleId :

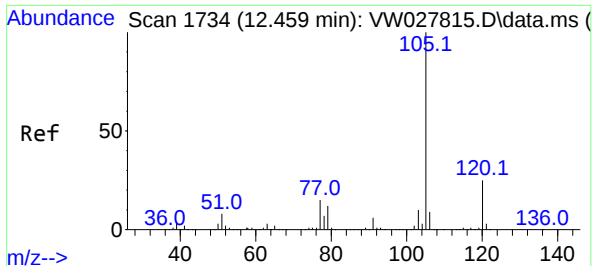
Tgt Ion:	83	Resp:	75380
Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.8	85.2
131	10.4	7.0	10.6



#59
Bromoform
Concen: 23.500 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

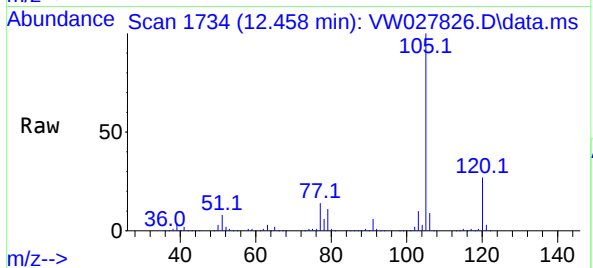
Tgt Ion:	173	Resp:	42892
Ion	Ratio	Lower	Upper
173	100		
175	46.8	36.3	54.5
254	8.2	7.5	11.3



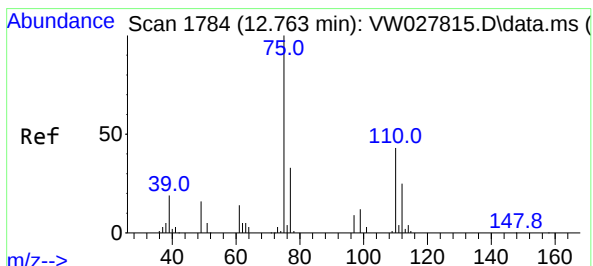
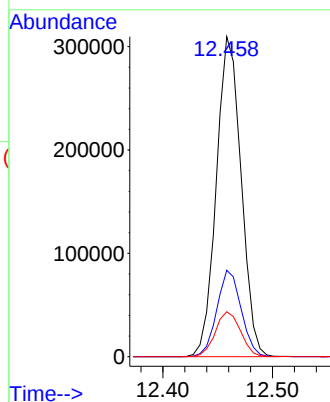
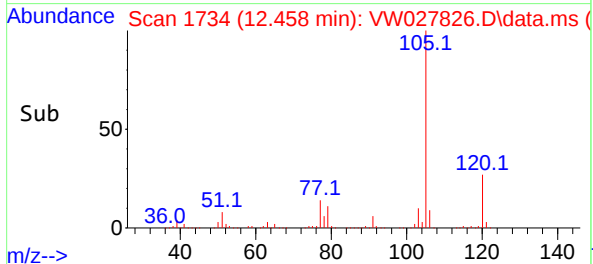


#60
Isopropylbenzene
Concen: 23.122 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

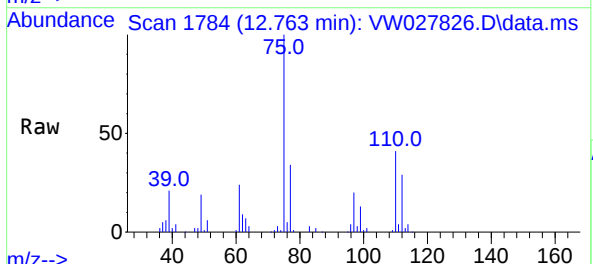
Instrument :
MSVOA_W
ClientSampleId :



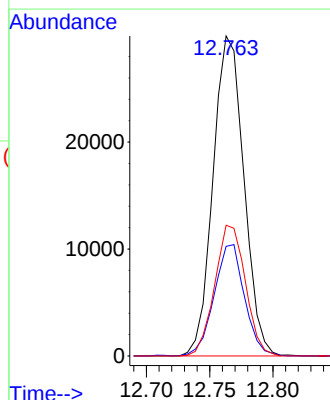
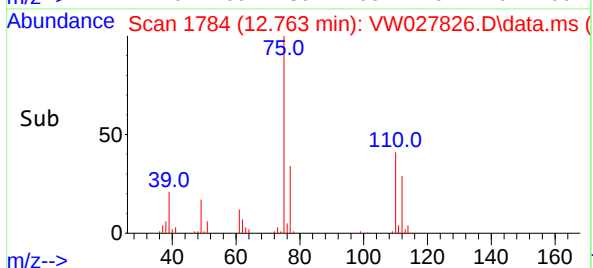
Tgt Ion:105 Resp: 486601
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 14.3 12.0 18.0

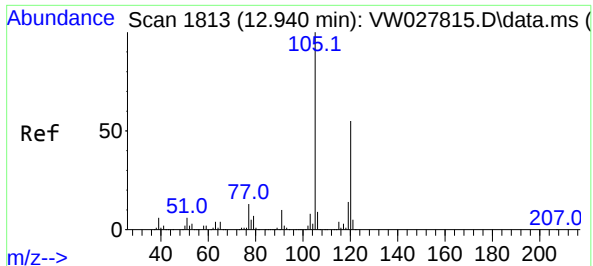


#61
1,2,3-Trichloropropane
Concen: 20.412 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03



Tgt Ion: 75 Resp: 50728
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.4
110 40.6 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 23.141 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

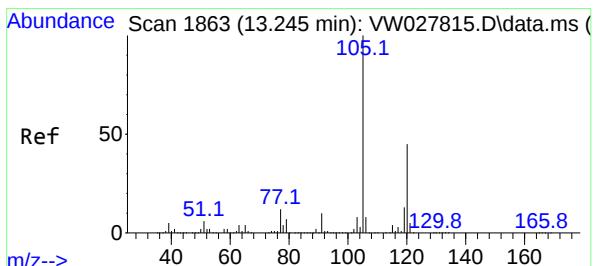
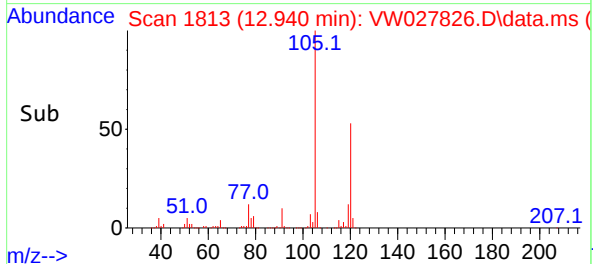
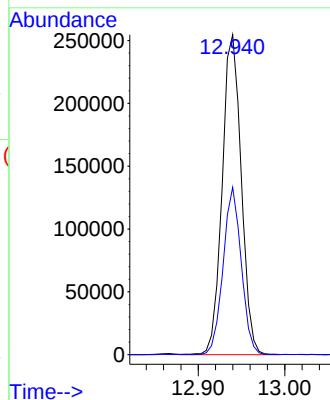
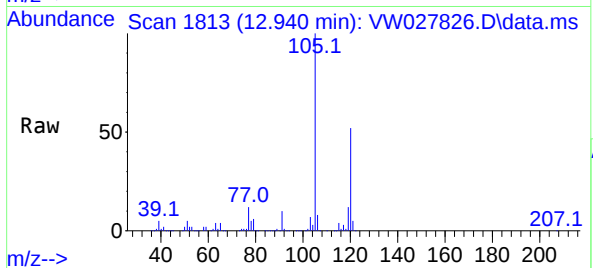
ClientSampleId :

Tgt Ion:105 Resp: 389299

Ion Ratio Lower Upper

105 100

120 49.6 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 22.580 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027826.D

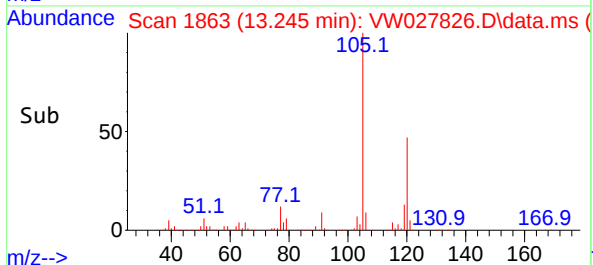
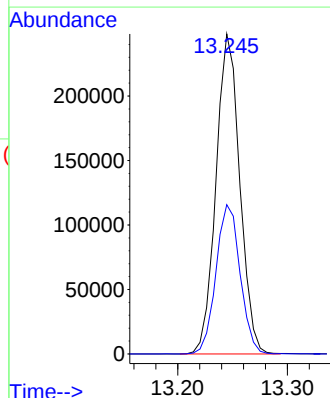
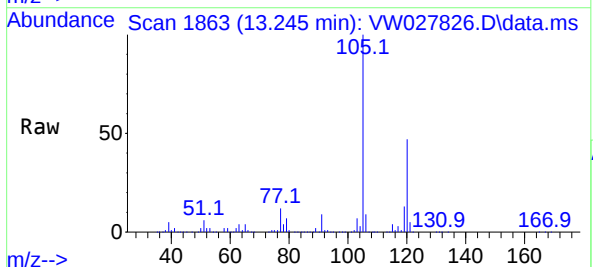
Acq: 21 Dec 2023 17:03

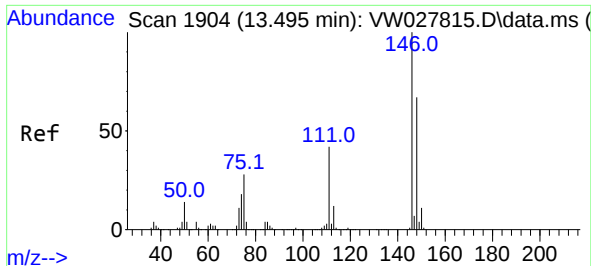
Tgt Ion:105 Resp: 373923

Ion Ratio Lower Upper

105 100

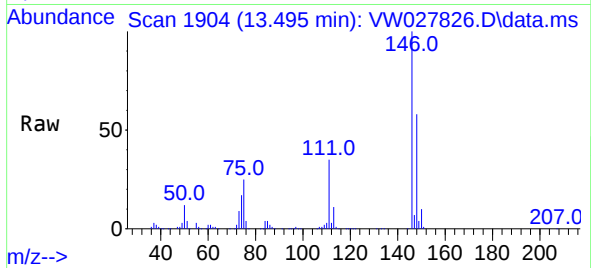
120 47.3 36.4 54.6



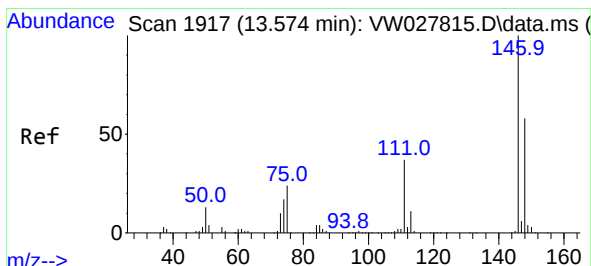
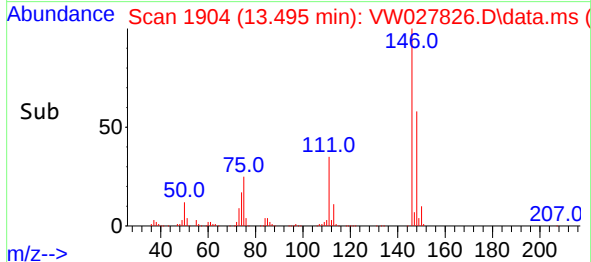
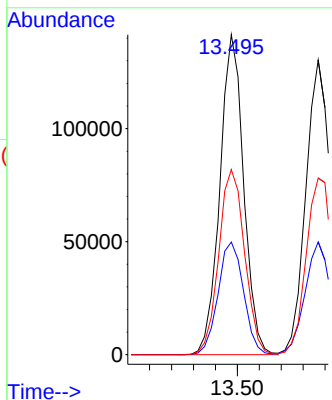


#64
1,3-Dichlorobenzene
Concen: 23.492 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

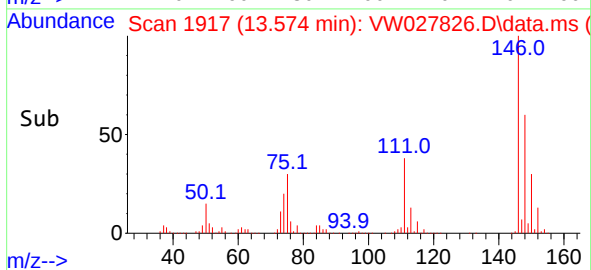
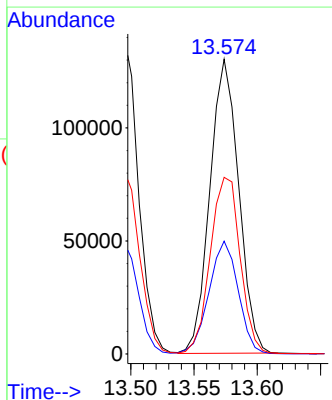
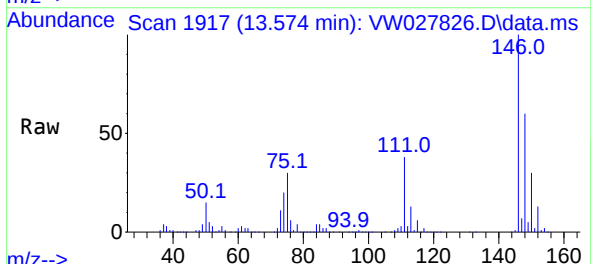


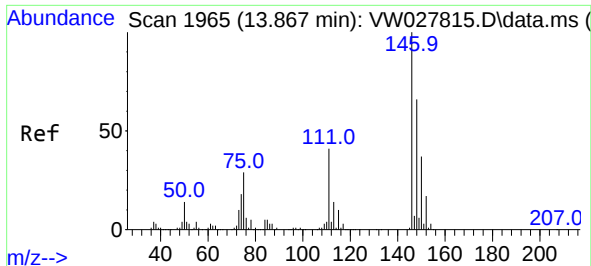
Tgt Ion:146 Resp: 213638
Ion Ratio Lower Upper
146 100
111 35.2 31.1 57.7
148 57.9 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 22.571 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:146 Resp: 206182
Ion Ratio Lower Upper
146 100
111 38.3 26.2 48.6
148 59.9 46.3 85.9





#67

1,2-Dichlorobenzene

Concen: 22.947 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

Instrument :

MSVOA_W

ClientSampleId :

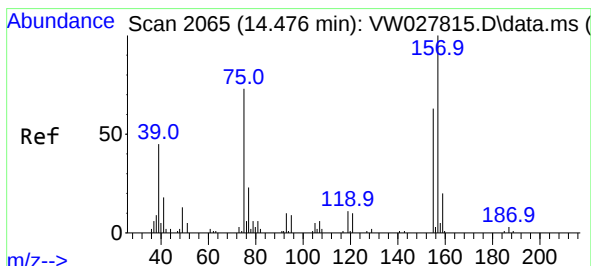
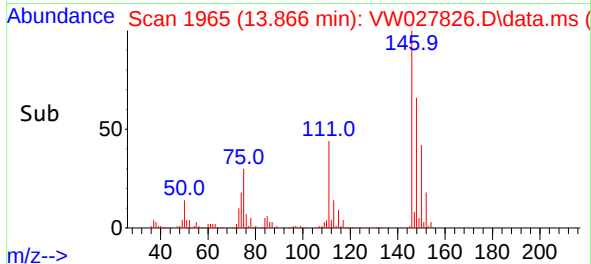
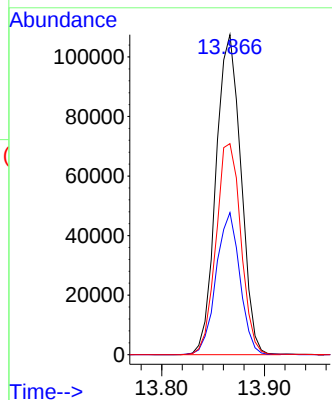
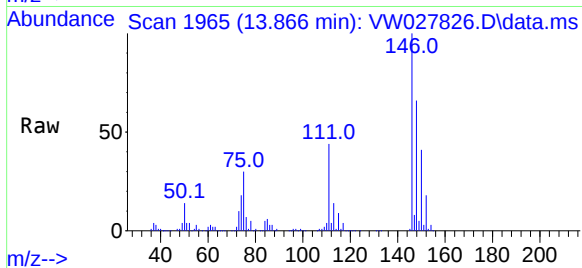
Tgt Ion:146 Resp: 181460

Ion Ratio Lower Upper

146 100

111 44.4 32.1 48.1

148 66.0 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.629 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027826.D

Acq: 21 Dec 2023 17:03

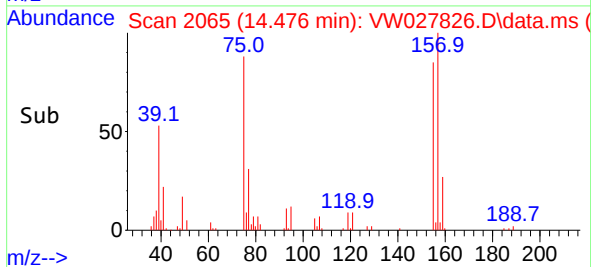
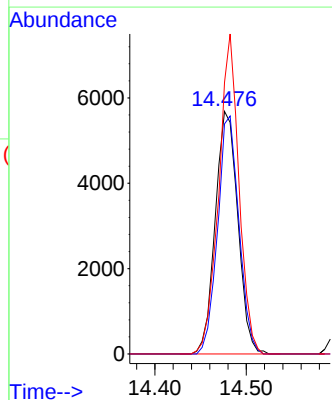
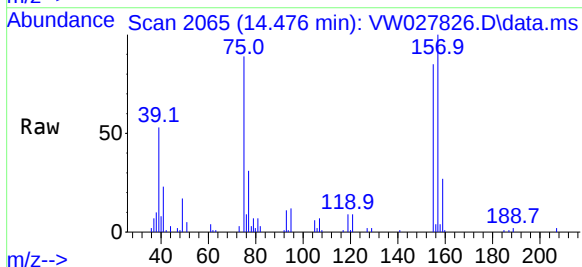
Tgt Ion: 75 Resp: 9745

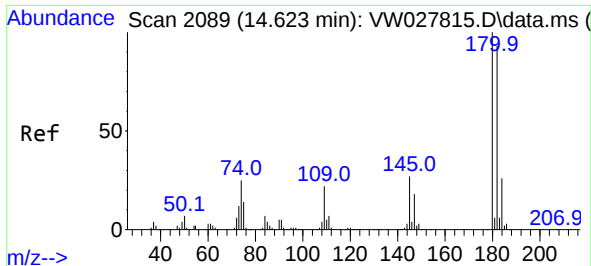
Ion Ratio Lower Upper

75 100

155 94.9 59.8 89.6#

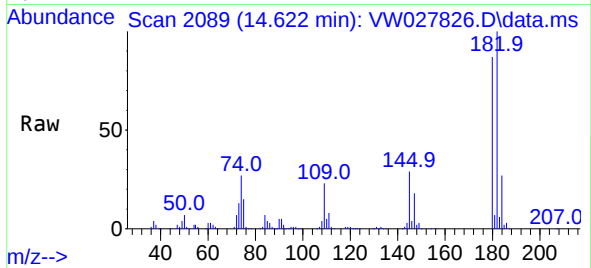
157 111.9 87.5 131.3



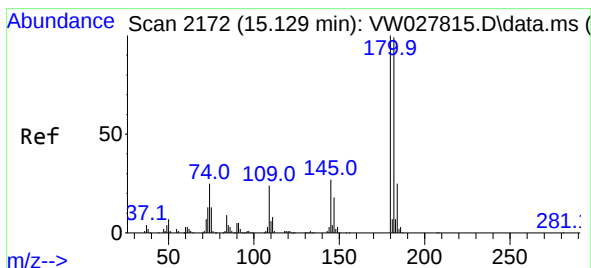
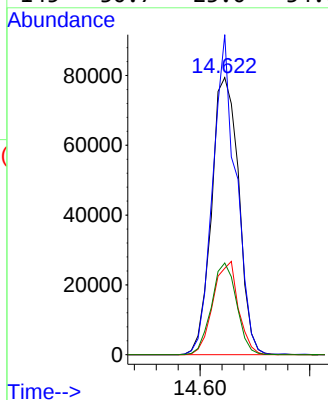
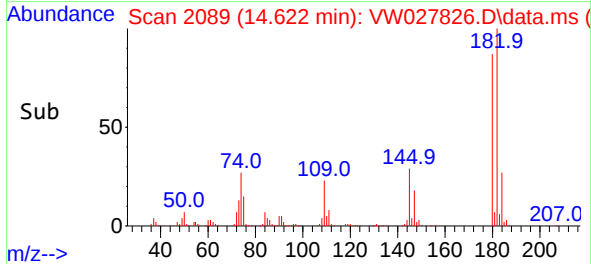


#69
1,3,5-Trichlorobenzene
Concen: 21.560 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

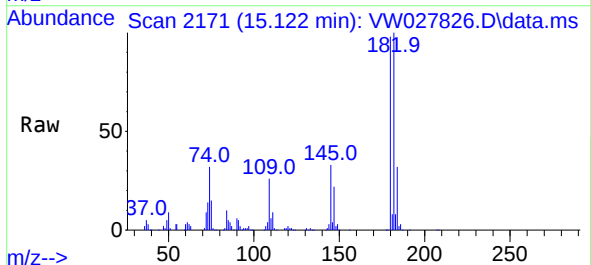
Instrument :
MSVOA_W
ClientSampleId :



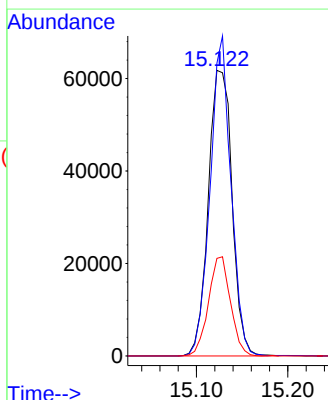
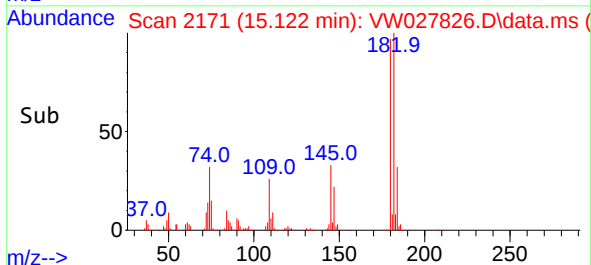
Tgt Ion:180 Resp: 136423
Ion Ratio Lower Upper
180 100
182 98.5 72.6 109.0
184 31.3 23.0 34.6
145 30.7 23.0 34.6

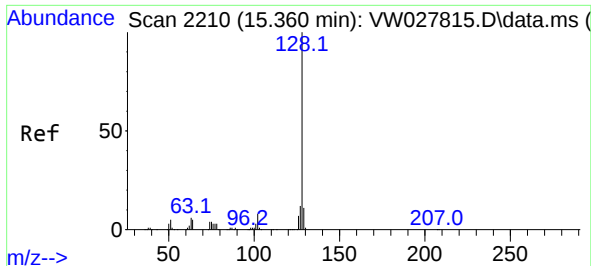


#70
1,2,4-trichlorobenzene
Concen: 21.447 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03



Tgt Ion:180 Resp: 111448
Ion Ratio Lower Upper
180 100
182 98.3 69.7 104.5
145 32.2 24.1 36.1

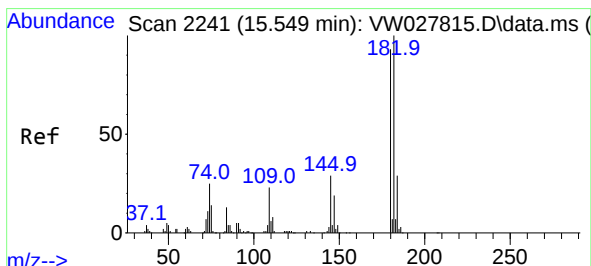
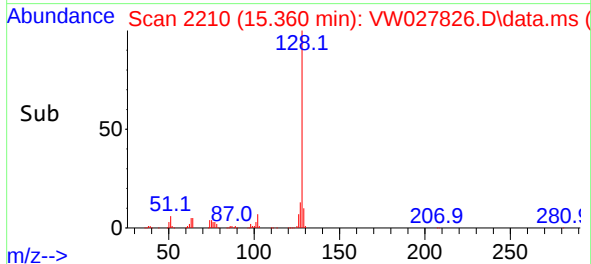
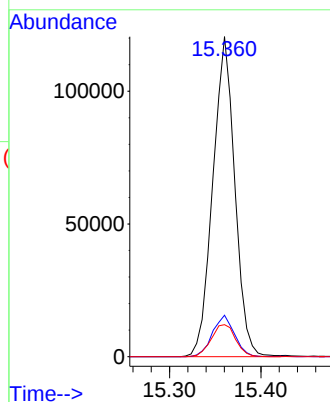
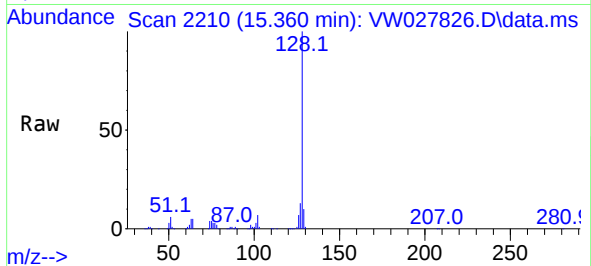




#71
Naphthalene
Concen: 21.864 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 201331
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.834 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027826.D
Acq: 21 Dec 2023 17:03

Tgt Ion:180 Resp: 94863
Ion Ratio Lower Upper
180 100
182 98.2 75.5 113.3
145 34.4 25.0 37.6

