

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027562.D
 Acq On : 06 Dec 2023 11:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV477

Quant Time: Dec 07 06:59:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	283668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	125230	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	122588	21.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
7) Chloroethane-d5	2.905	69	92881	22.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.027	65	55121	22.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.280%
21) 2-Butanone-d5	7.087	46	78374	52.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.800%
24) Chloroform-d	7.654	84	204607	24.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.306	65	107663	24.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	8.276	84	422282	23.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.276	67	127460	23.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	10.324	98	373821	23.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.574	79	49105	23.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.880%
47) 2-Hexanone-d5	10.922	63	57613	57.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112683	25.591	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	106476	24.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	78661	20.710	ug/L	97
3) Chloromethane	2.228	50	102219	21.974	ug/L	98
5) Vinyl chloride	2.374	62	121308	22.356	ug/L	95
6) Bromomethane	2.795	94	62585	21.978	ug/L	97
8) Chloroethane	2.935	64	70818	22.851	ug/L	94
9) Trichlorofluoromethane	3.277	101	121470	23.374	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	102097	23.039	ug/L	97
12) 1,1-Dichloroethene	4.051	96	95913	23.705	ug/L	88
13) Acetone	4.142	43	68922	47.796	ug/L	98
14) Carbon disulfide	4.392	76	264206	21.608	ug/L	97
15) Methyl Acetate	4.685	43	62419	24.768	ug/L	98
16) Methylene chloride	4.923	84	99308	21.468	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	96138	23.043	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	172522	25.637	ug/L	97
19) 1,1-Dichloroethane	6.221	63	202594	23.878	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	107481	23.989	ug/L	95
22) 2-Butanone	7.179	43	89389	48.050	ug/L	99
23) Bromochloromethane	7.514	128	45189	25.643	ug/L	97
25) Chloroform	7.678	83	186213	24.172	ug/L	93

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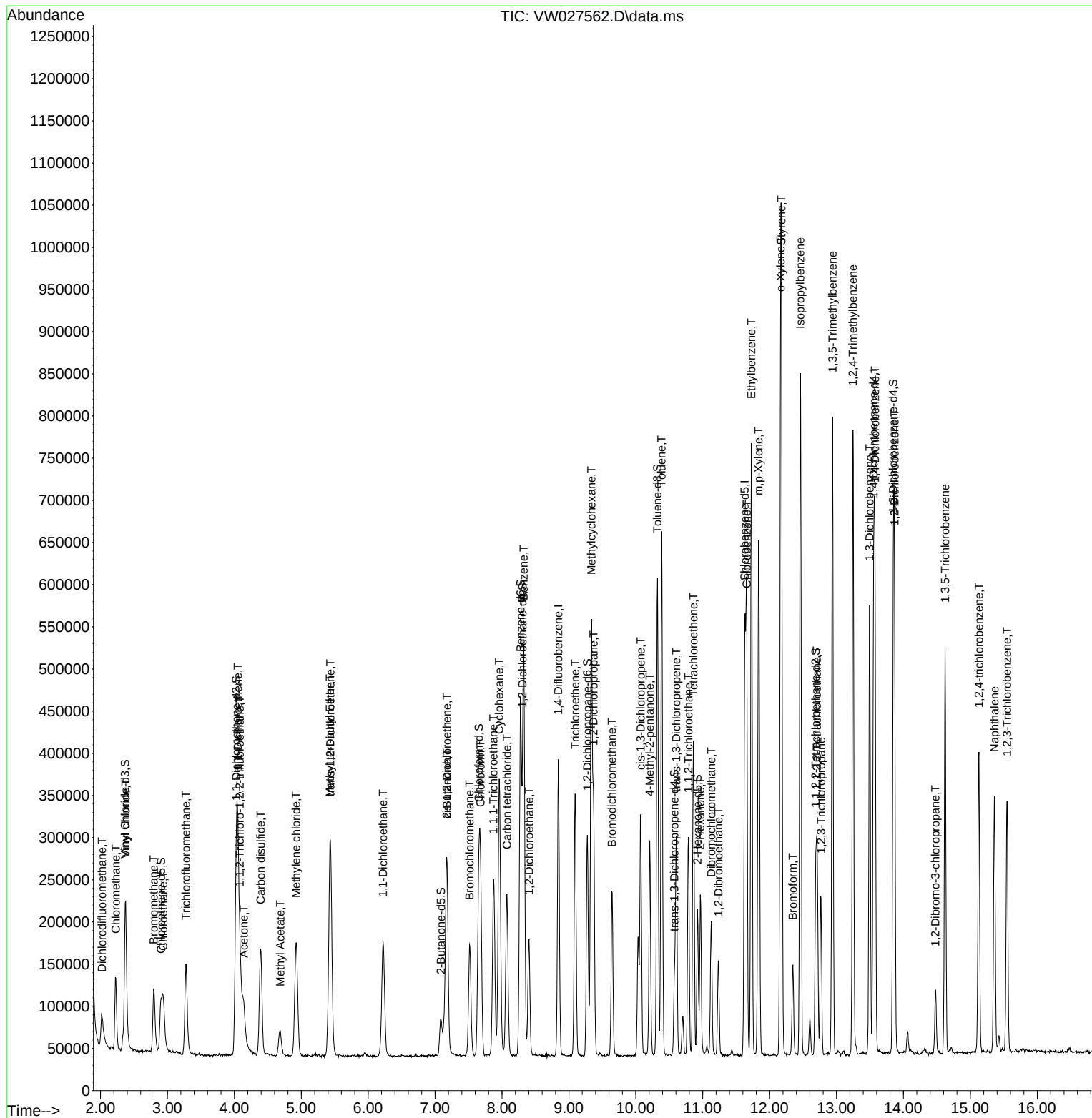
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	125454	25.196	ug/L	100
29) Cyclohexane	7.959	56	193108	22.782	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	169253	23.533	ug/L	99
31) Carbon tetrachloride	8.075	117	144461	23.029	ug/L	99
33) Benzene	8.325	78	418539	23.521	ug/L	100
34) Trichloroethene	9.093	95	111017	22.841	ug/L	96
35) Methylcyclohexane	9.337	83	200769	23.198	ug/L	100
37) 1,2-Dichloropropane	9.367	63	112483	23.942	ug/L	99
38) Bromodichloromethane	9.641	83	129868	23.911	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	168709	24.875	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	173704	54.697	ug/L	99
42) Toluene	10.385	91	439605	23.357	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	140902	25.754	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	81699	24.969	ug/L	97
46) Tetrachloroethene	10.861	164	84072	24.263	ug/L	96
48) 2-Hexanone	10.964	43	126707	56.613	ug/L	96
49) Dibromochloromethane	11.129	129	82951	25.647	ug/L	100
50) 1,2-Dibromoethane	11.233	107	75936	25.367	ug/L	96
51) Chlorobenzene	11.659	112	265647	23.396	ug/L	96
52) Ethylbenzene	11.726	91	505483	23.644	ug/L	99
53) m,p-Xylene	11.836	106	189171	24.014	ug/L	99
54) o-Xylene	12.165	106	177348	24.769	ug/L	99
55) Styrene	12.178	104	301321	24.657	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	111432	26.160	ug/L	99
59) Bromoform	12.348	173	48194	27.478	ug/L #	97
60) Isopropylbenzene	12.458	105	521235	25.209	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	80915	26.789	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	392217	25.647	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	393578	25.841	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	203623	25.710	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	201927	25.561	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	171467	24.031	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	18885	25.993	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	133199	25.010	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	107746	26.053	ug/L	98
71) Naphthalene	15.360	128	246985	28.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93951	26.519	ug/L	95

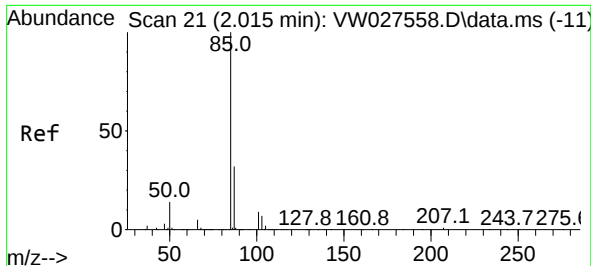
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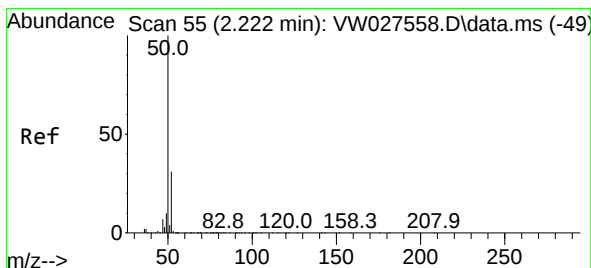
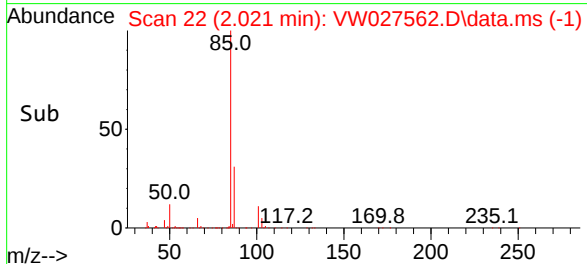
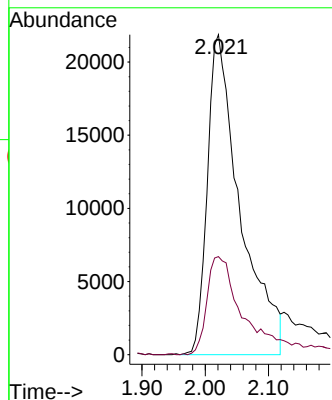
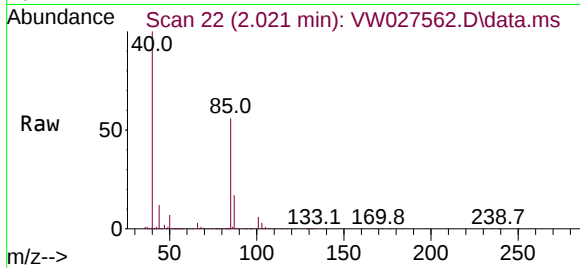




#2
Dichlorodifluoromethane
Concen: 20.710 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

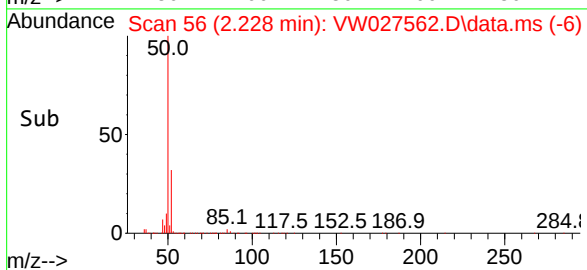
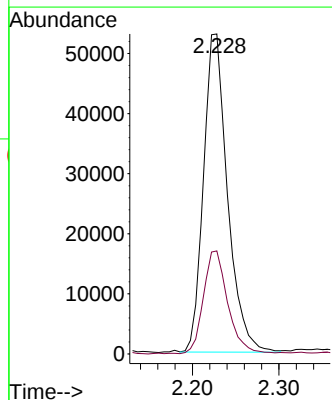
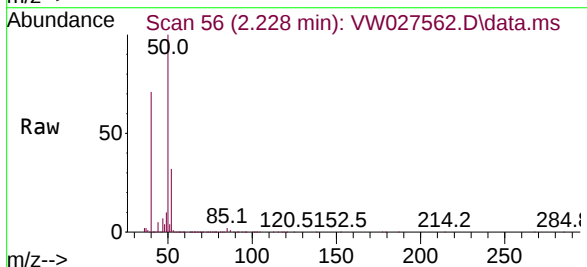
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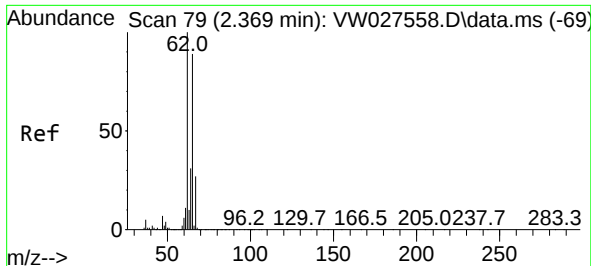
Tgt Ion: 85 Resp: 78661
Ion Ratio Lower Upper
85 100
87 31.7 24.0 36.0



#3
Chloromethane
Concen: 21.974 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 50 Resp: 102219
Ion Ratio Lower Upper
50 100
52 32.2 21.8 40.6

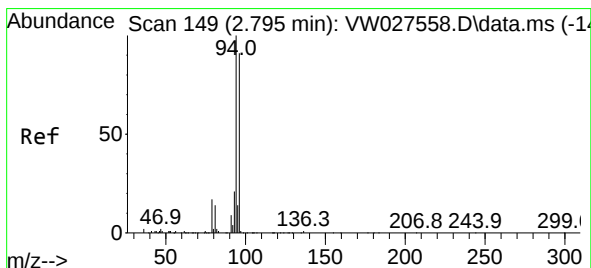
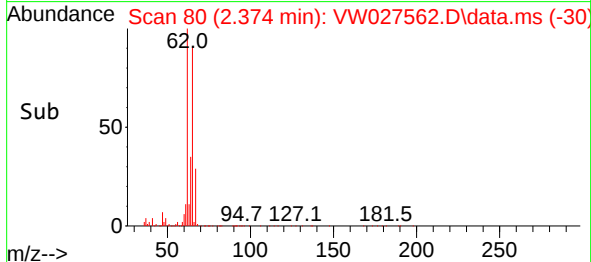
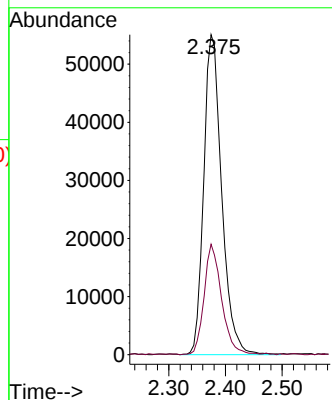
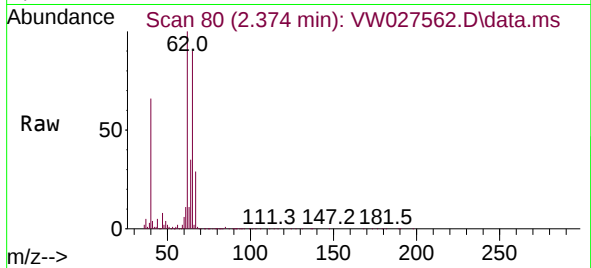




#5
 Vinyl chloride
 Concen: 22.356 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027562.D
 Acq: 06 Dec 2023 11:58

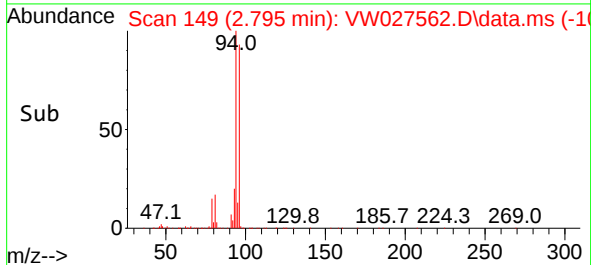
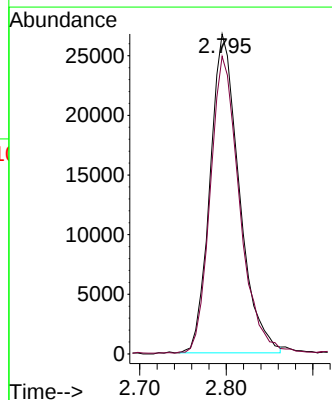
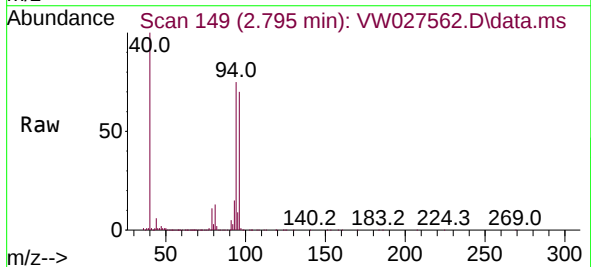
Instrument :
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 ClientSampleId :
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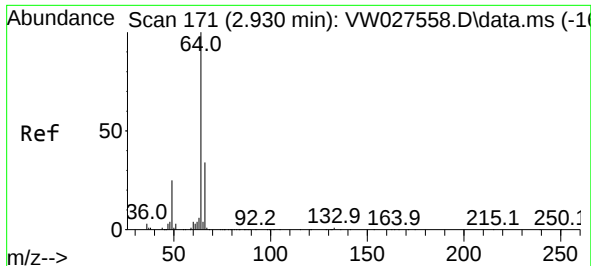
Tgt Ion: 62 Resp: 121308
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.2 41.2



#6
 Bromomethane
 Concen: 21.978 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027562.D
 Acq: 06 Dec 2023 11:58

Tgt Ion: 94 Resp: 62585
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.3 117.7

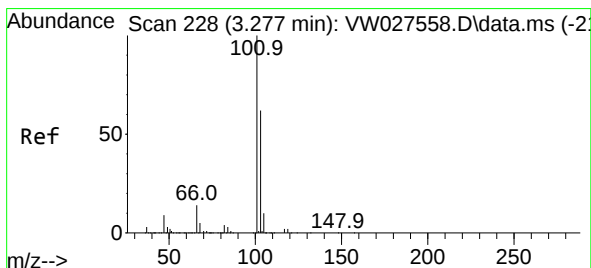
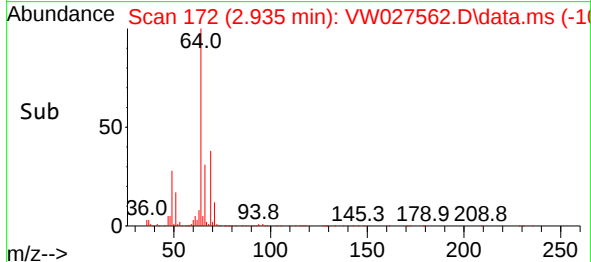
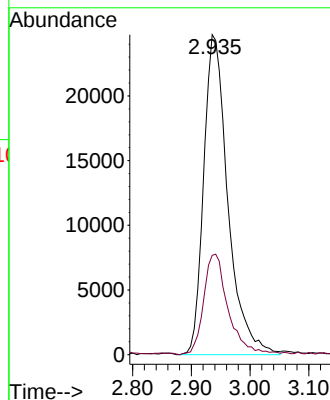
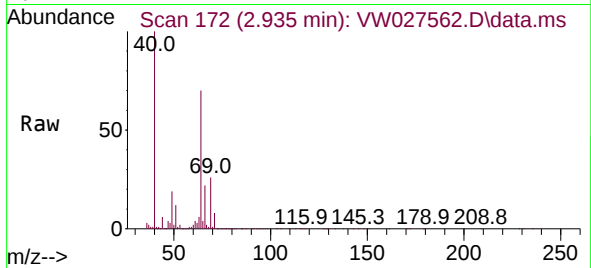




#8
Chloroethane
Concen: 22.851 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

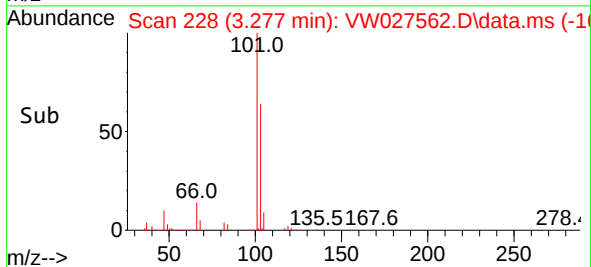
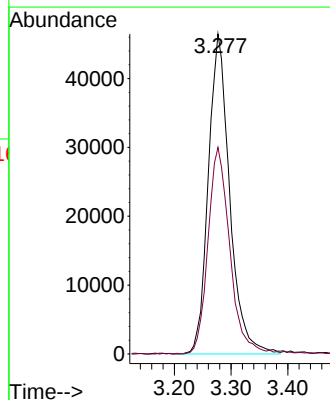
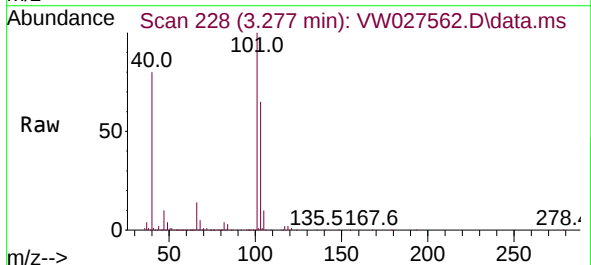
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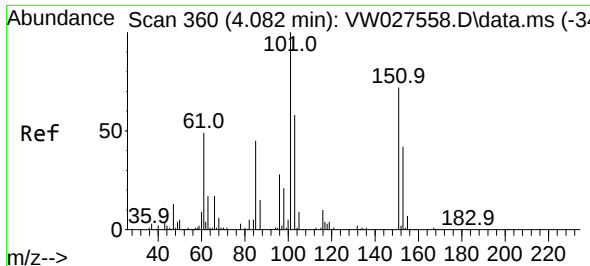
Tgt Ion: 64 Resp: 70818
Ion Ratio Lower Upper
64 100
66 31.0 24.1 44.7



#9
Trichlorofluoromethane
Concen: 23.374 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:101 Resp: 121470
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

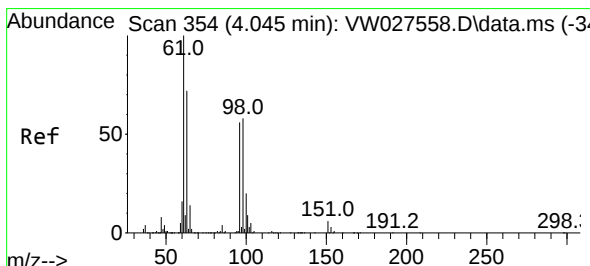
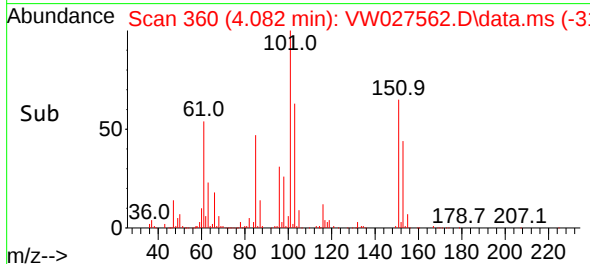
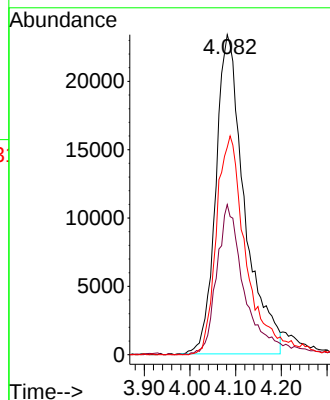
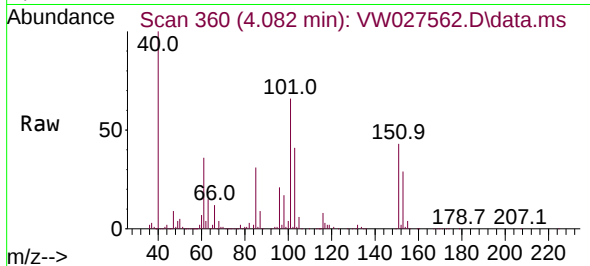




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.039 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW027562.D
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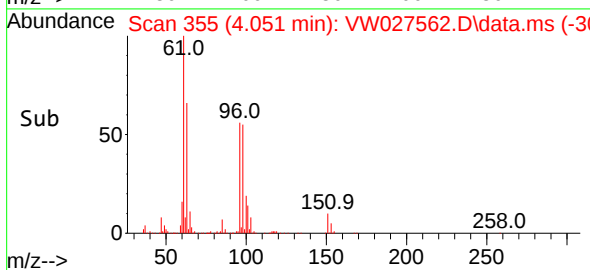
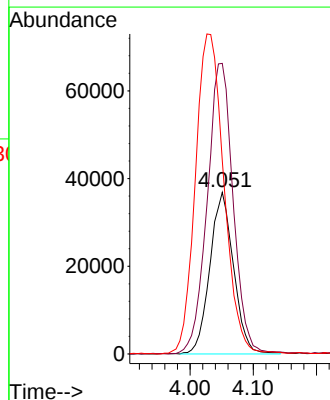
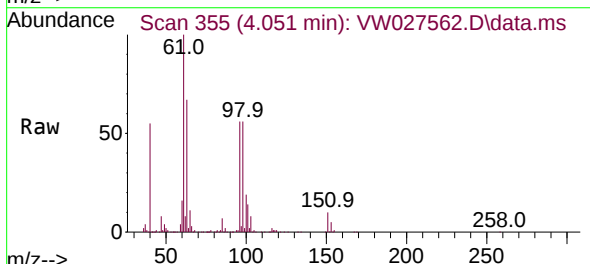
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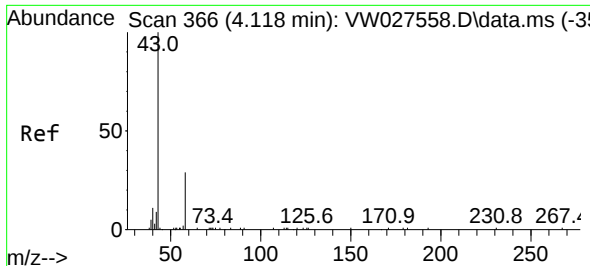
Tgt Ion:101 Resp: 102097
 Ion Ratio Lower Upper
 101 100
 85 44.6 33.9 50.9
 151 70.1 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 23.705 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027562.D
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Tgt Ion: 96 Resp: 95913
 Ion Ratio Lower Upper
 96 100
 61 179.7 127.8 237.4
 63 119.7 104.9 194.7

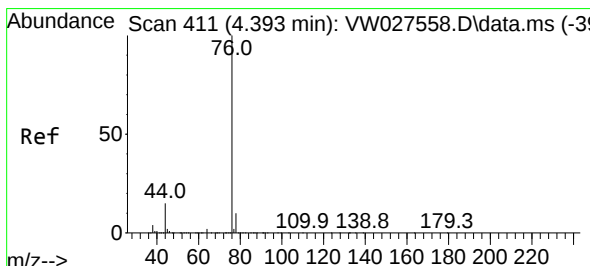
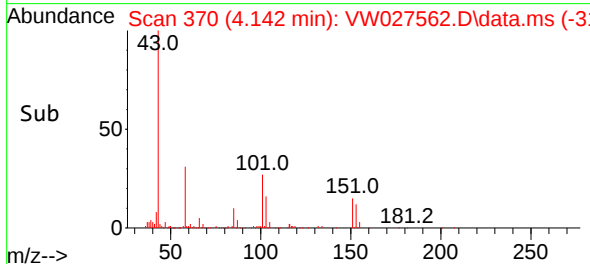
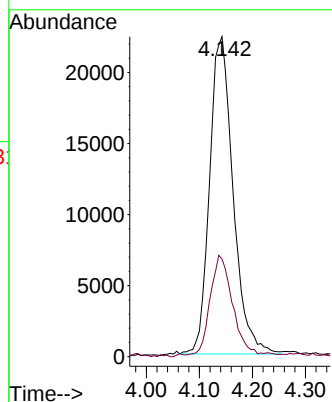
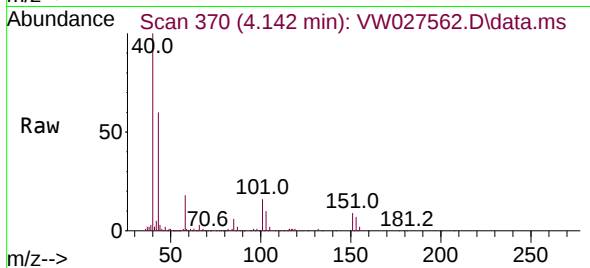




#13
Acetone
Concen: 47.796 ug/L
RT: 4.142 min Scan# 31
Delta R.T. 0.024 min
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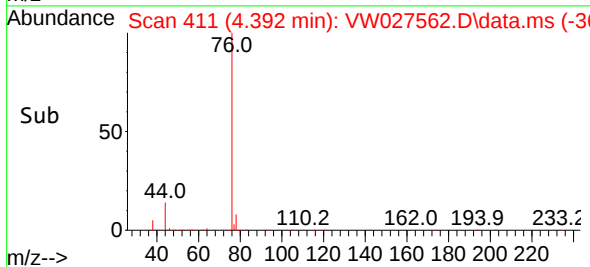
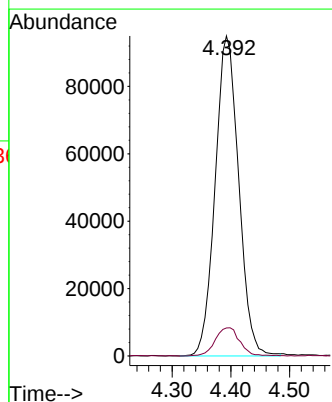
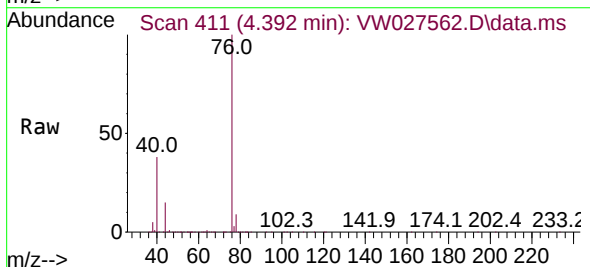
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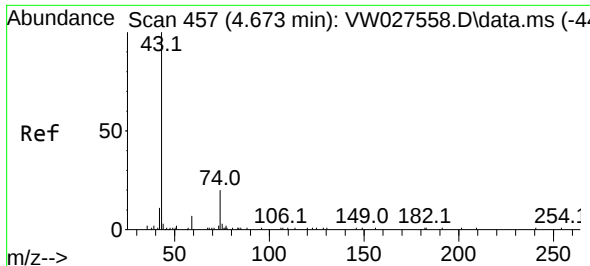
Tgt Ion: 43 Resp: 68922
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.0



#14
Carbon disulfide
Concen: 21.608 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 264206
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6

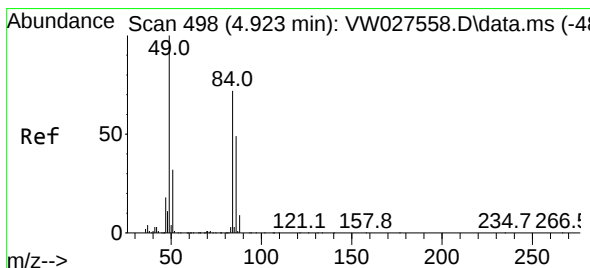
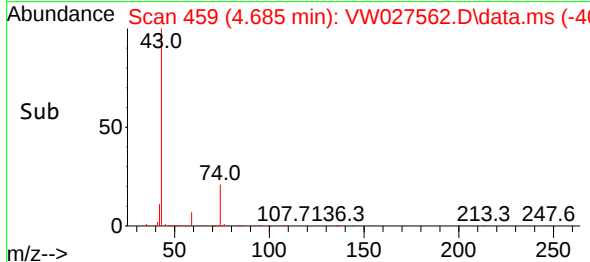
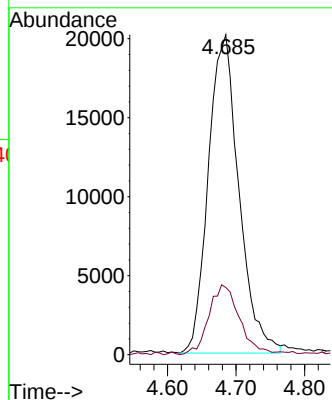
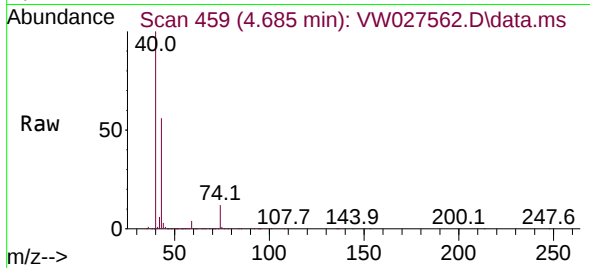




#15
Methyl Acetate
Concen: 24.768 ug/L
RT: 4.685 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

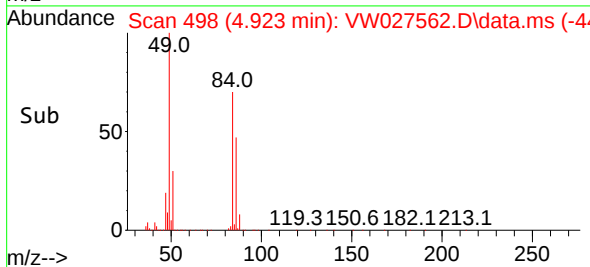
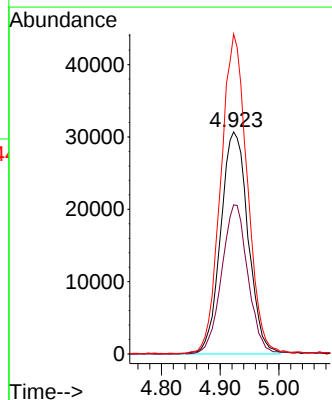
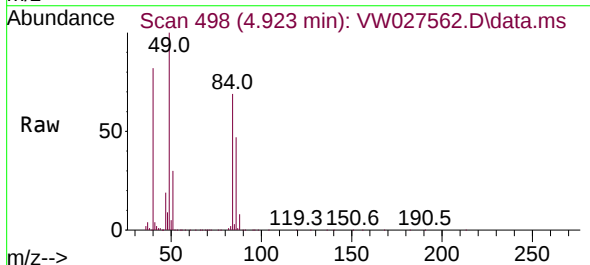
Instrument :
MSVOA_W
ClientSampleId :
VICV477

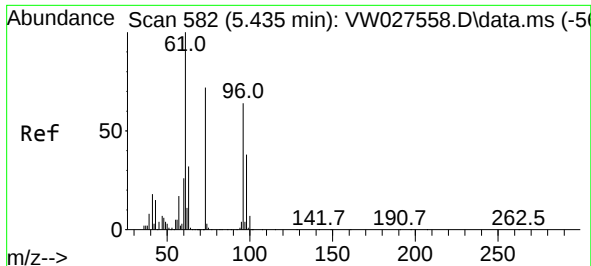
Tgt Ion: 43 Resp: 62419
Ion Ratio Lower Upper
43 100
74 21.9 16.8 25.2



#16
Methylene chloride
Concen: 21.468 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 84 Resp: 99308
Ion Ratio Lower Upper
84 100
86 67.1 47.7 88.7
49 144.0 97.4 181.0

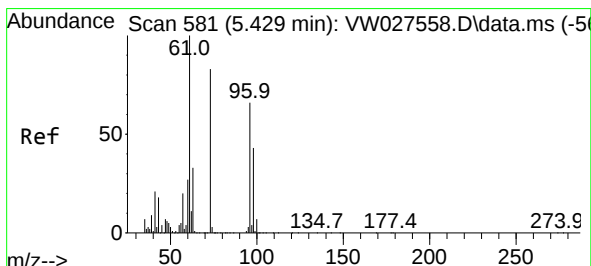
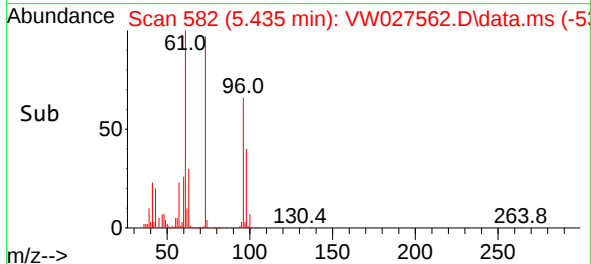
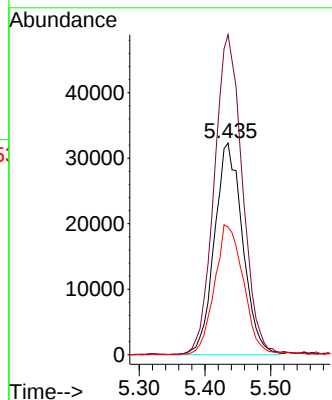
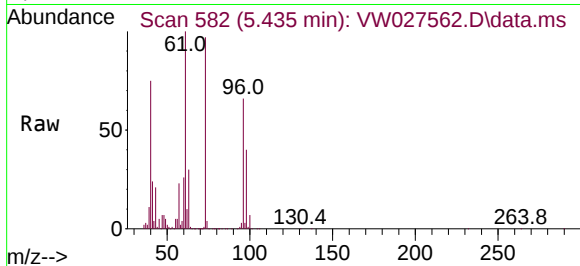




#17
trans-1,2-Dichloroethene
Concen: 23.043 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

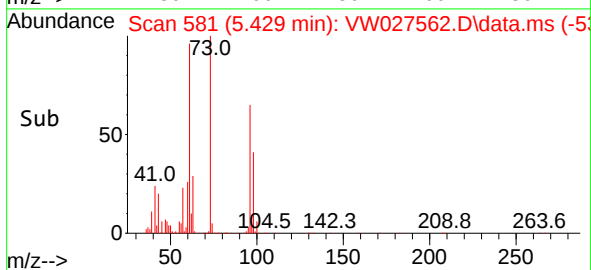
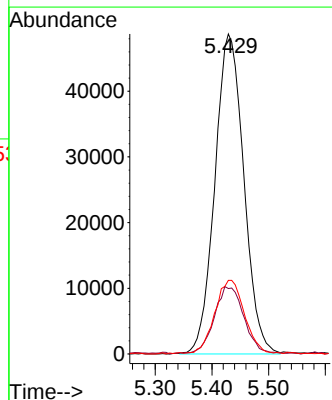
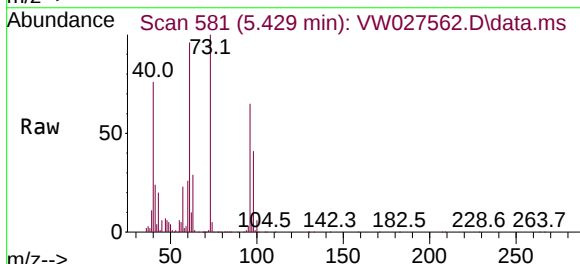
Instrument :
MSVOA_W
ClientSampleId :
VICV477

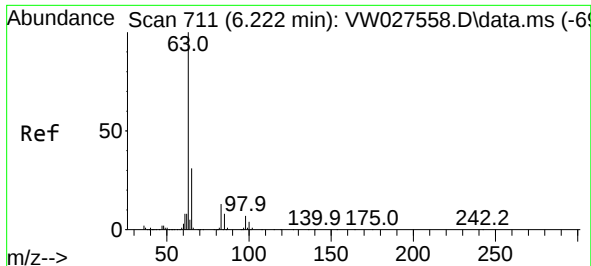
Tgt Ion: 96 Resp: 96138
Ion Ratio Lower Upper
96 100
61 151.2 109.6 203.6
98 60.4 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 25.637 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 73 Resp: 172522
Ion Ratio Lower Upper
73 100
43 21.1 17.8 26.6
57 23.6 19.9 29.9

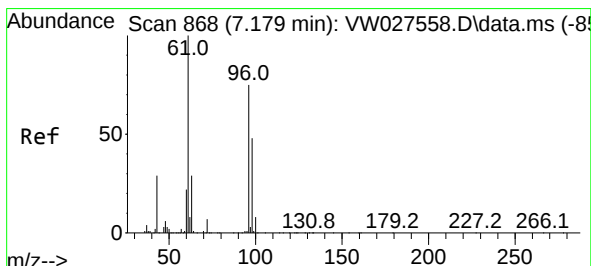
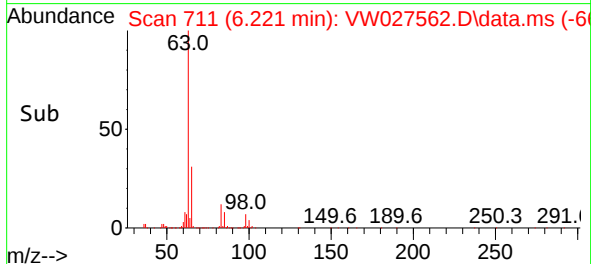
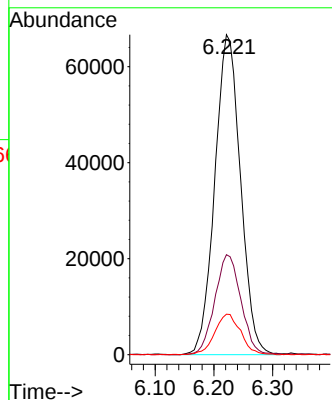
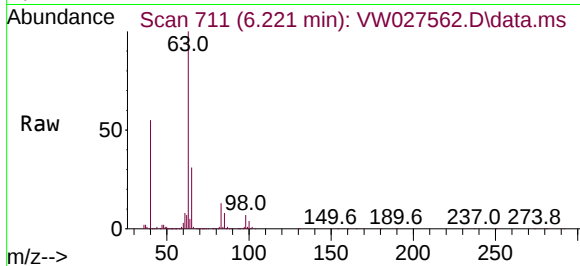




#19
1,1-Dichloroethane
Concen: 23.878 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

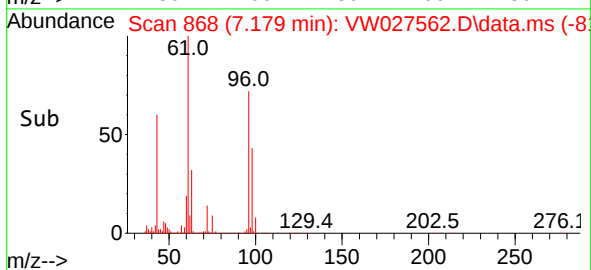
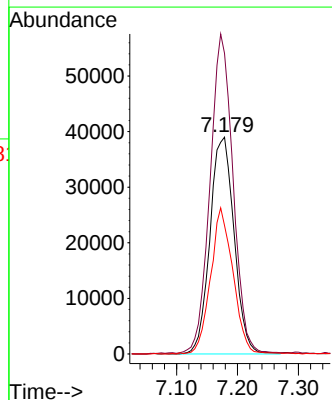
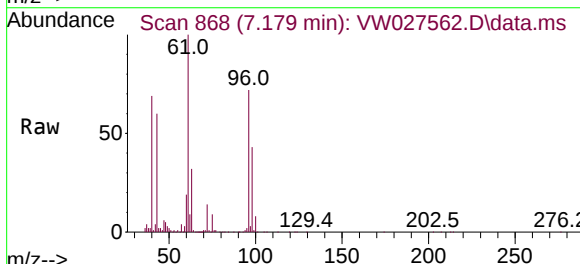
Instrument :
MSVOA_W
ClientSampleId :
VICV477

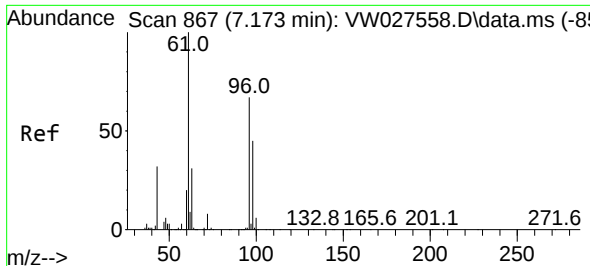
Tgt Ion: 63 Resp: 202594
Ion Ratio Lower Upper
63 100
65 31.3 22.0 40.8
83 12.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.989 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 96 Resp: 107481
Ion Ratio Lower Upper
96 100
61 138.7 94.0 174.6
98 59.3 45.1 83.7

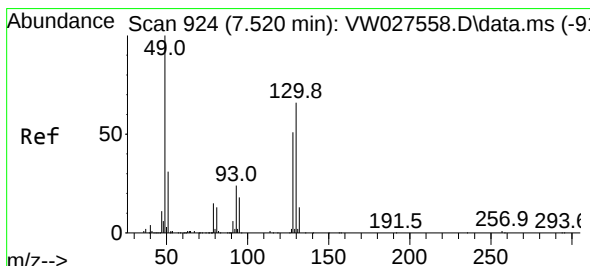
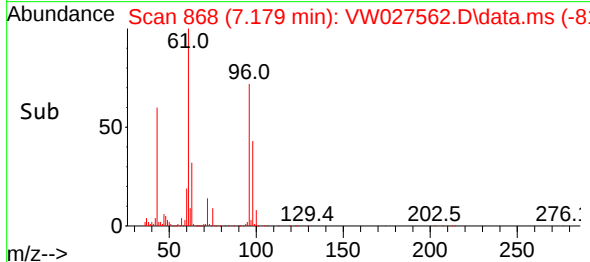
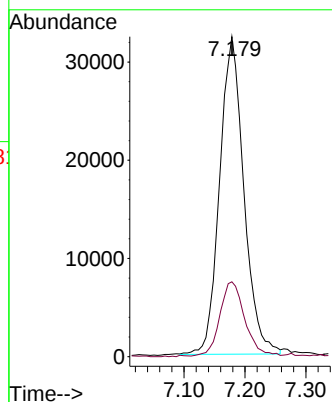
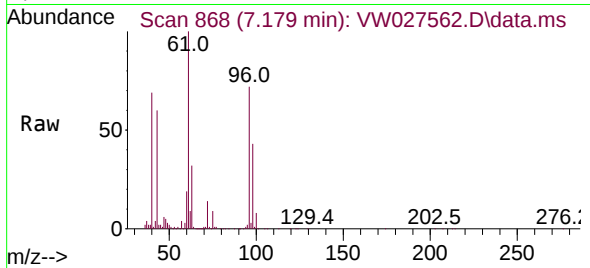




#22
2-Butanone
Concen: 48.050 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

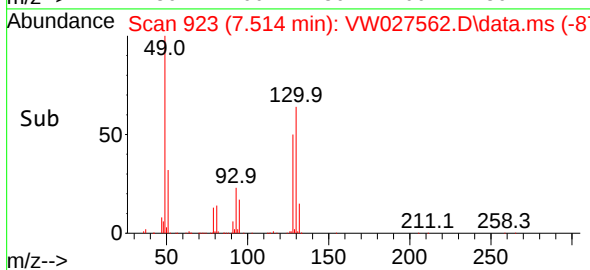
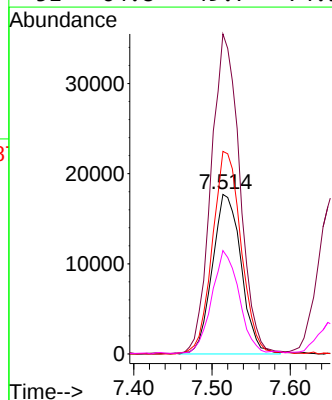
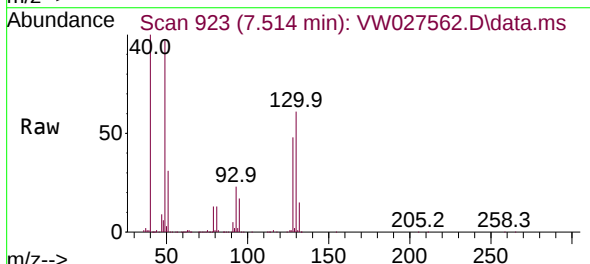
Instrument :
MSVOA_W
ClientSampleId :
VICV477

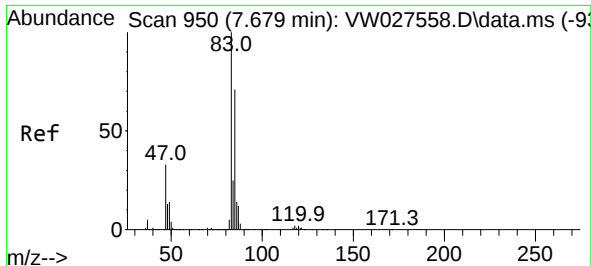
Tgt Ion: 43 Resp: 89389
Ion Ratio Lower Upper
43 100
72 24.5 11.9 35.9



#23
Bromochloromethane
Concen: 25.643 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 128 Resp: 45189
Ion Ratio Lower Upper
128 100
49 200.6 137.8 256.0
130 126.9 91.2 169.4
51 64.8 49.7 74.5

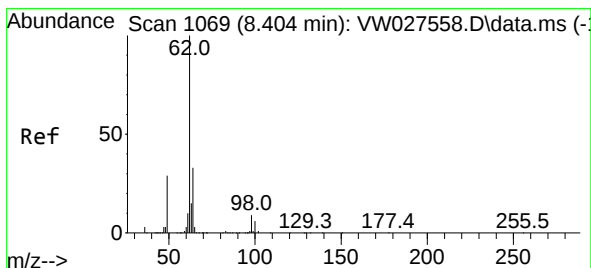
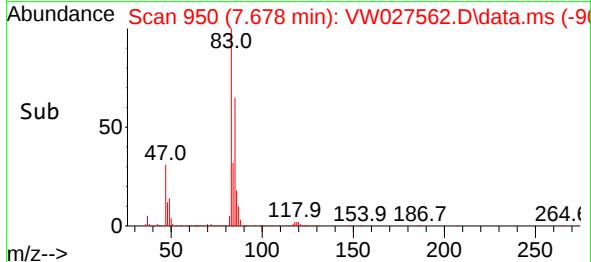
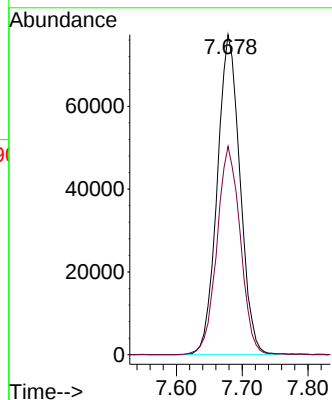
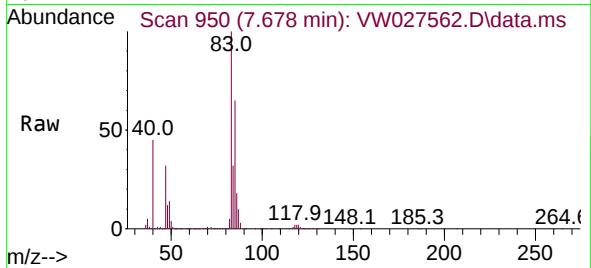




#25
Chloroform
Concen: 24.172 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

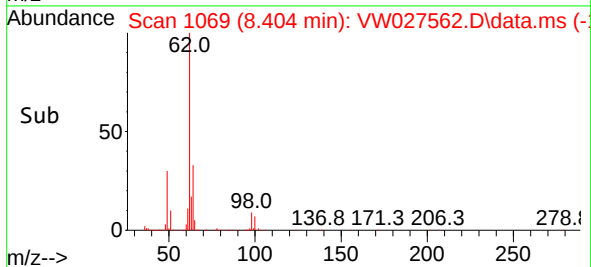
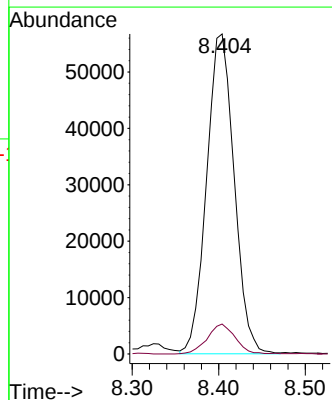
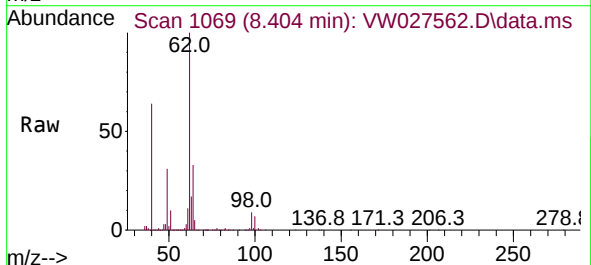
Instrument :
MSVOA_W
ClientSampleId :
VICV477

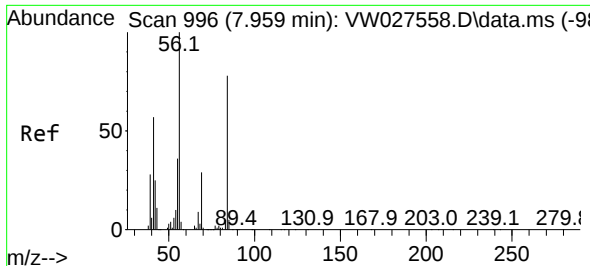
Tgt Ion: 83 Resp: 186213
Ion Ratio Lower Upper
83 100
85 65.1 49.8 92.6



#27
1,2-Dichloroethane
Concen: 25.196 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 62 Resp: 125454
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 22.782 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

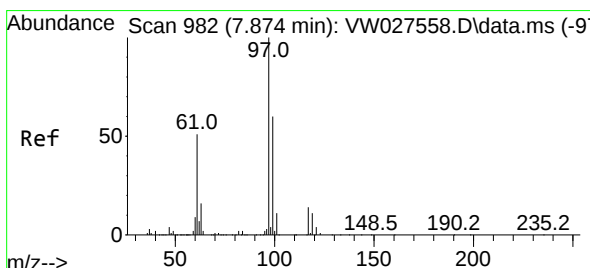
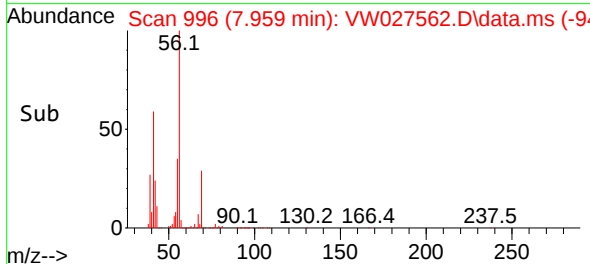
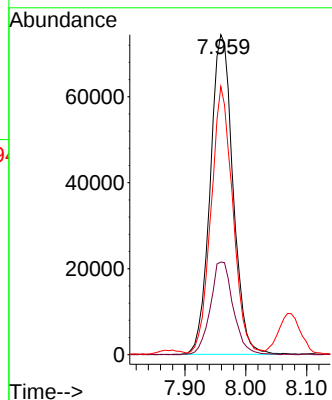
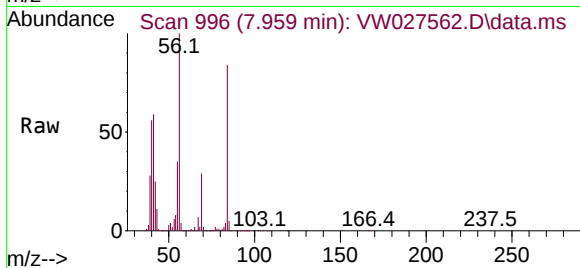
Tgt Ion: 56 Resp: 193108

Ion Ratio Lower Upper

56 100

69 29.2 24.1 36.1

84 80.3 65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 23.533 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

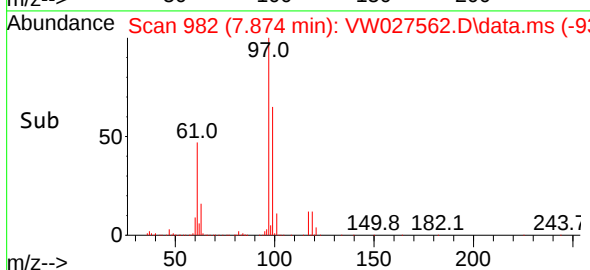
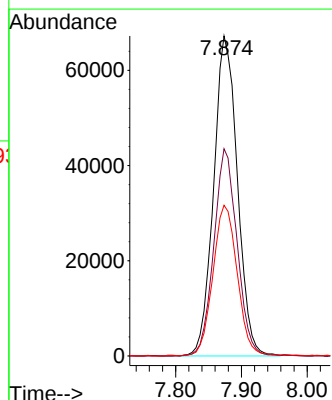
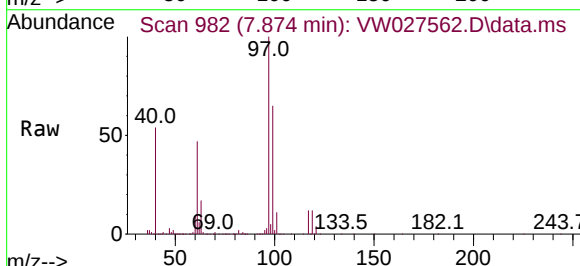
Tgt Ion: 97 Resp: 169253

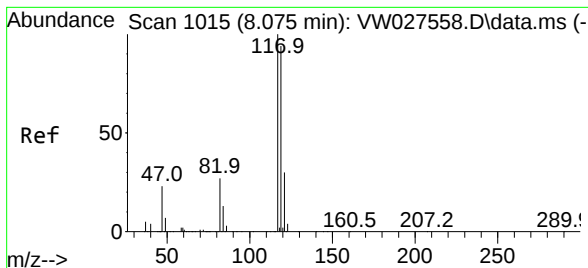
Ion Ratio Lower Upper

97 100

99 63.3 50.5 75.7

61 47.8 39.0 58.4





#31

Carbon tetrachloride

Concen: 23.029 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

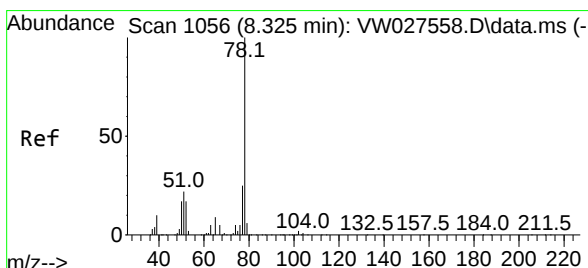
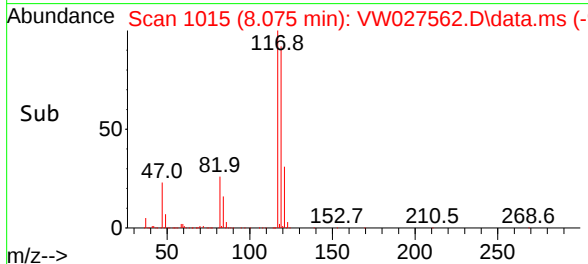
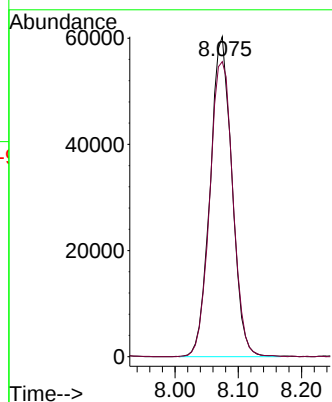
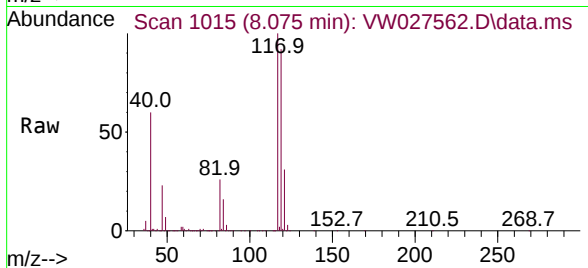
VICV477

Tgt Ion:117 Resp: 144461

Ion Ratio Lower Upper

117 100

119 97.7 77.0 115.6



#33

Benzene

Concen: 23.521 ug/L

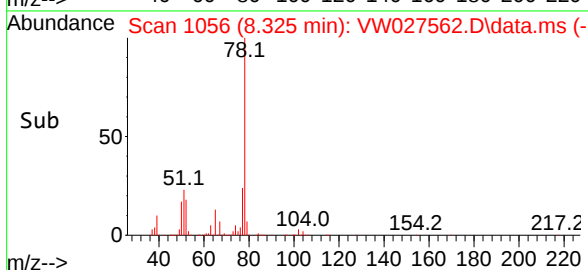
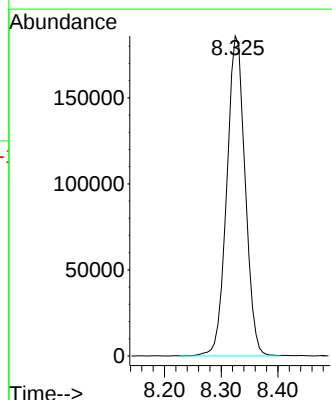
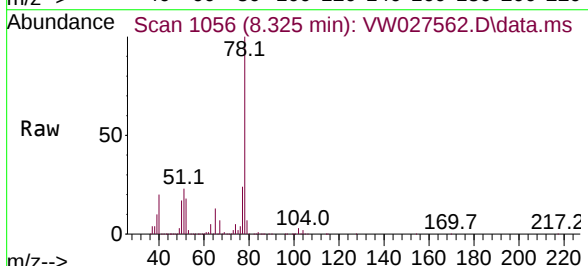
RT: 8.325 min Scan# 1056

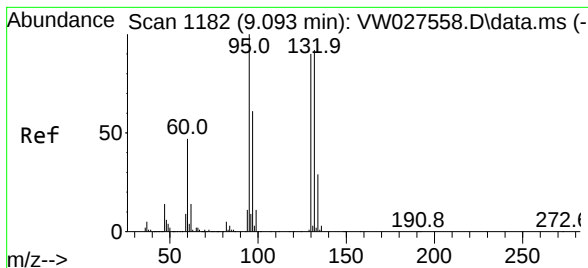
Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Tgt Ion: 78 Resp: 418539





#34

Trichloroethene

Concen: 22.841 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

Tgt Ion: 95 Resp: 111017

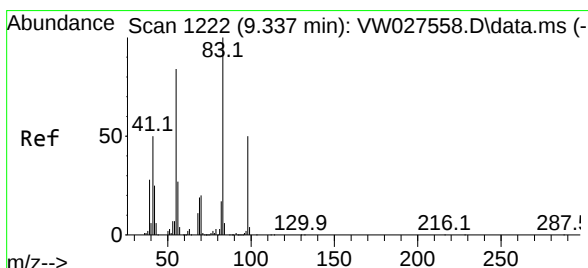
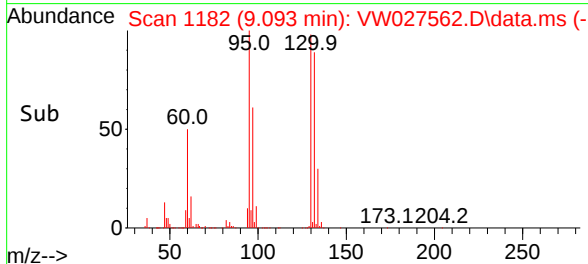
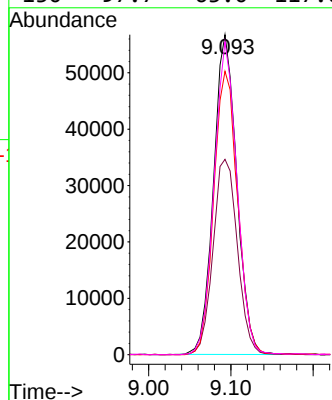
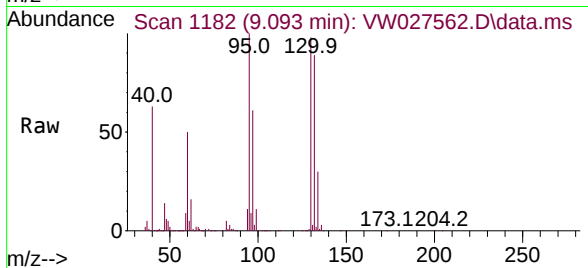
Ion Ratio Lower Upper

95 100

97 61.0 43.0 80.0

132 88.6 64.1 119.1

130 97.7 63.0 117.0



#35

Methylcyclohexane

Concen: 23.198 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

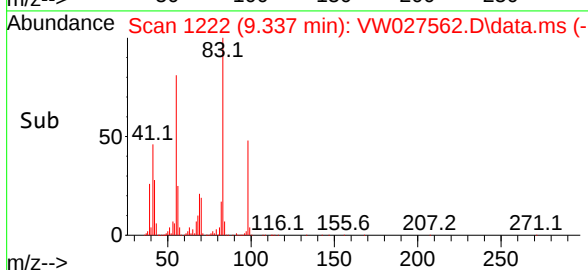
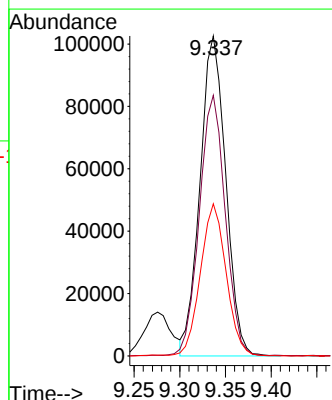
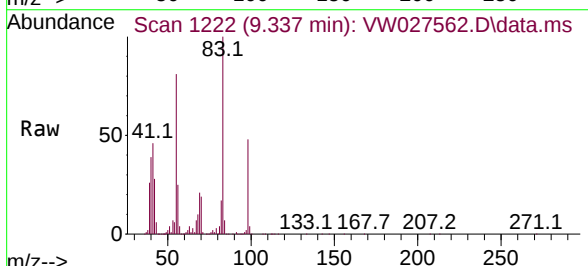
Tgt Ion: 83 Resp: 200769

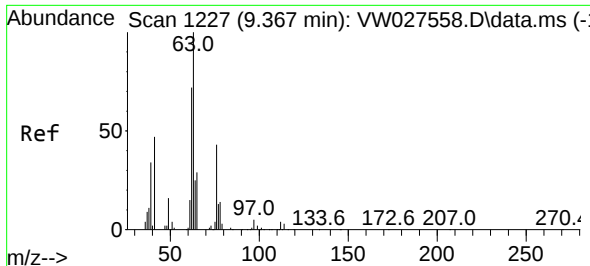
Ion Ratio Lower Upper

83 100

55 82.1 65.6 98.4

98 47.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 23.942 ug/L

RT: 9.367 min Scan# 112483

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

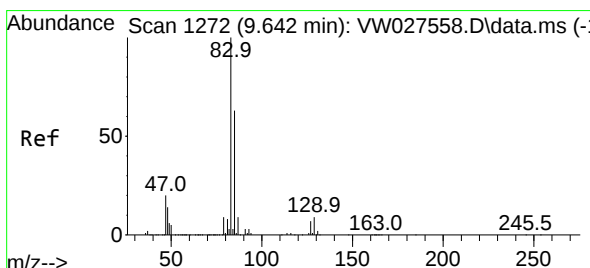
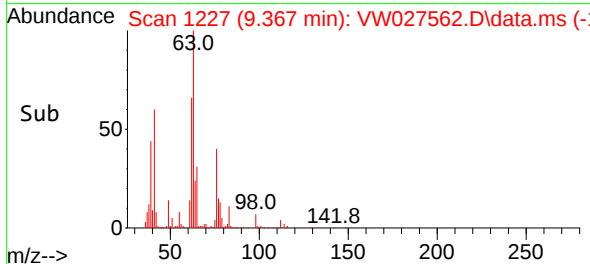
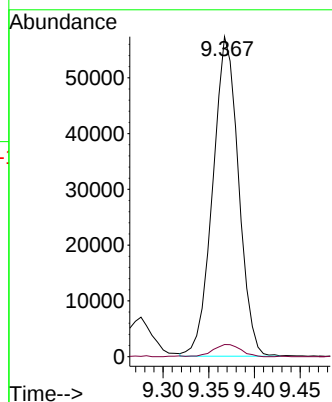
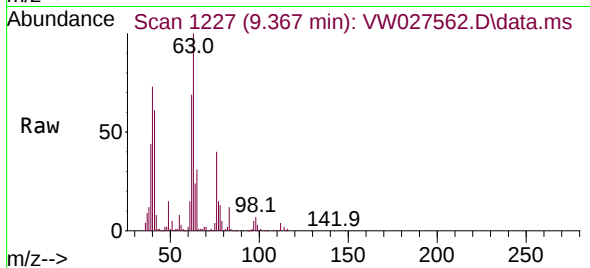
VICV477

Tgt Ion: 63 Resp: 112483

Ion Ratio Lower Upper

63 100

112 4.0 3.6 5.4



#38

Bromodichloromethane

Concen: 23.911 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

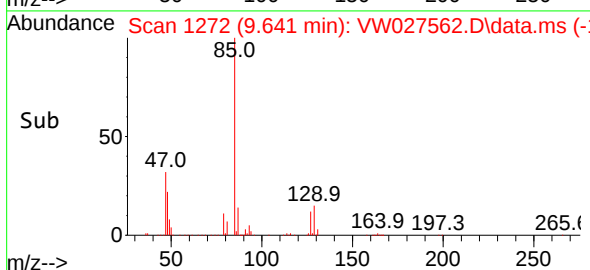
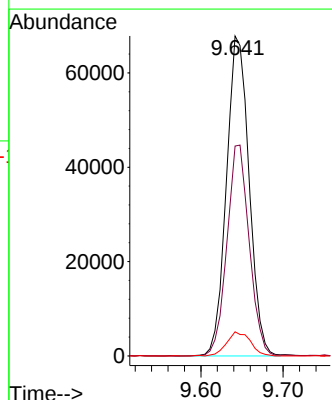
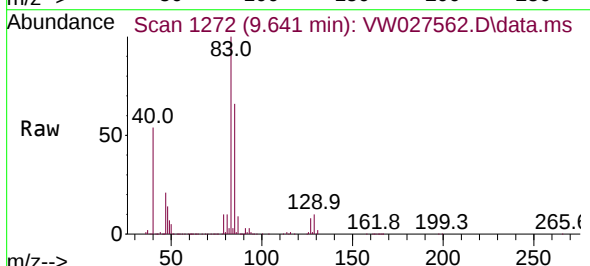
Tgt Ion: 83 Resp: 129868

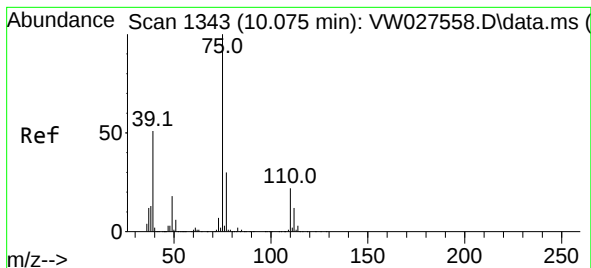
Ion Ratio Lower Upper

83 100

85 65.6 44.3 82.3

127 7.6 5.3 7.9

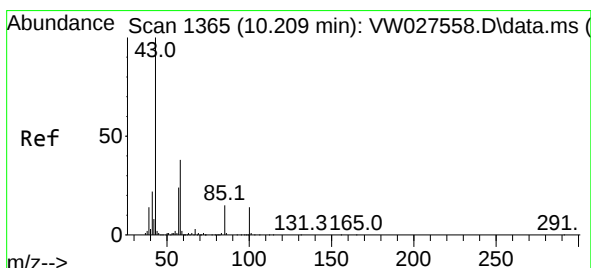
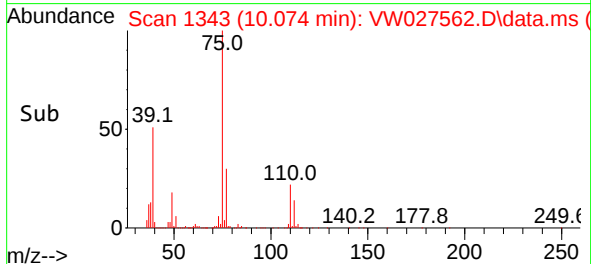
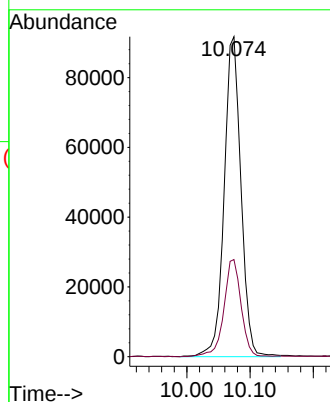
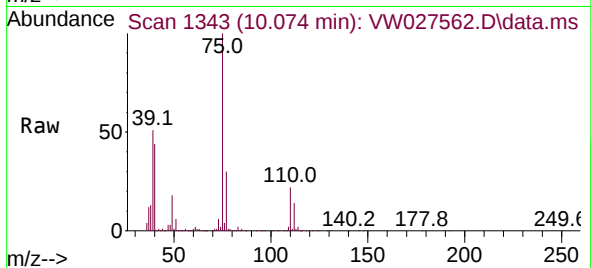




#39
cis-1,3-Dichloropropene
Concen: 24.875 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

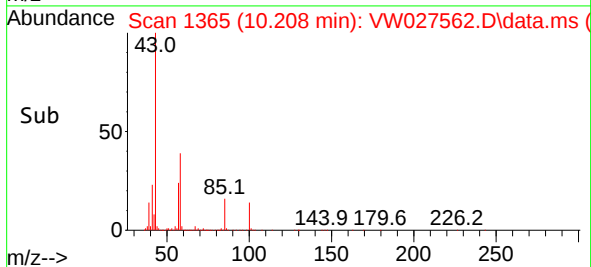
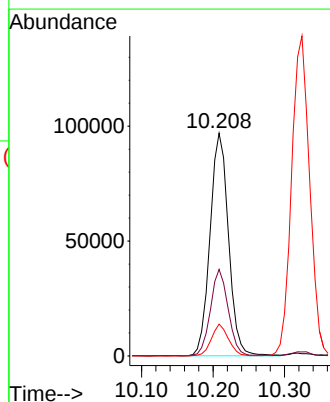
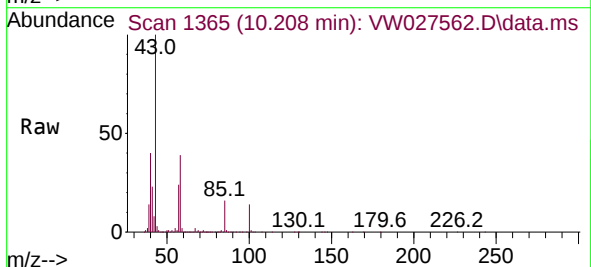
Instrument :
MSVOA_W
ClientSampleId :
VICV477

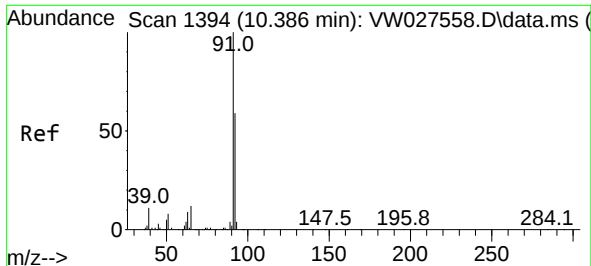
Tgt Ion: 75 Resp: 168709
Ion Ratio Lower Upper
75 100
77 30.4 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 54.697 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 43 Resp: 173704
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4
100 13.3 11.1 16.7

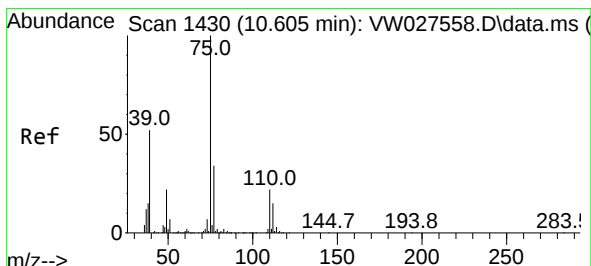
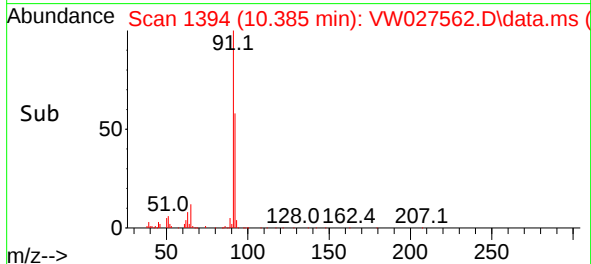
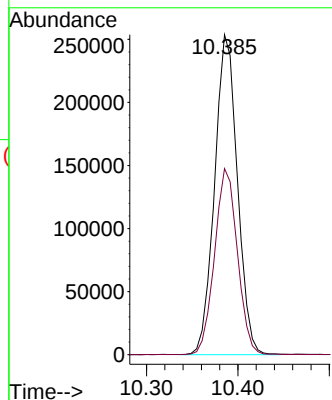
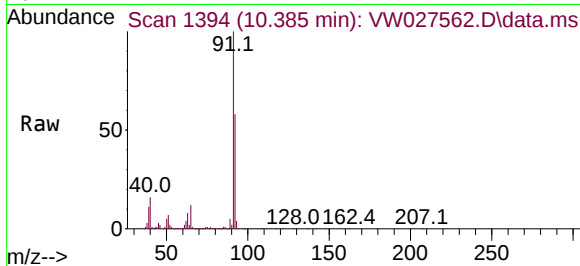




#42
Toluene
Concen: 23.357 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

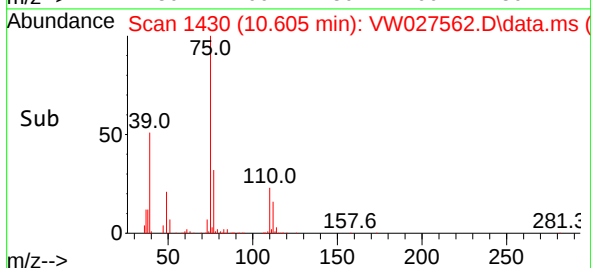
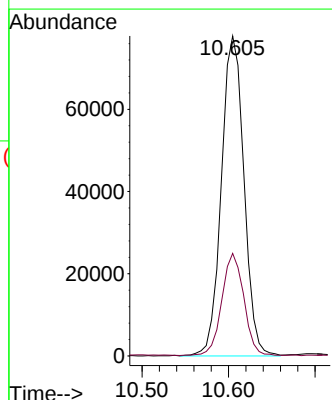
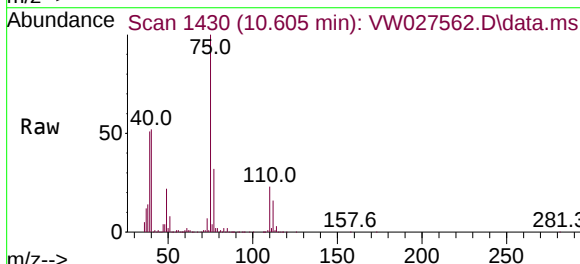
Instrument :
MSVOA_W
ClientSampleId :
VICV477

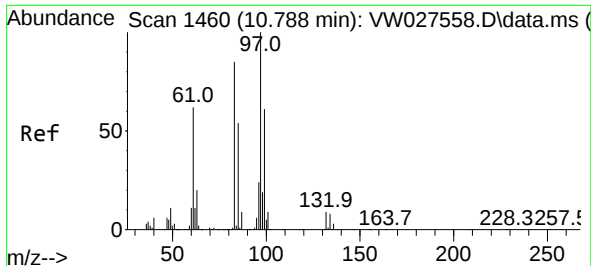
Tgt Ion: 91 Resp: 439605
Ion Ratio Lower Upper
91 100
92 58.2 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.754 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 75 Resp: 140902
Ion Ratio Lower Upper
75 100
77 32.1 23.7 44.1

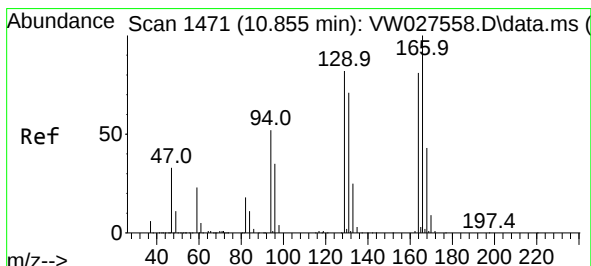
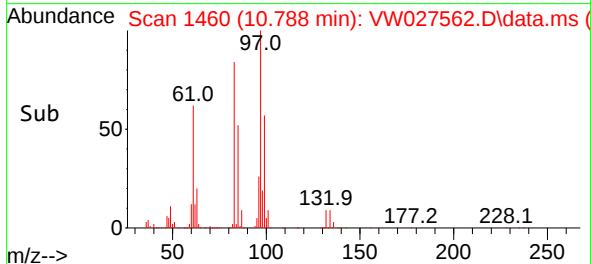
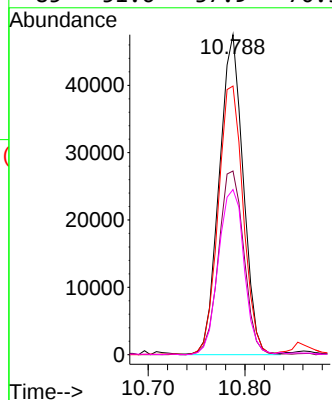
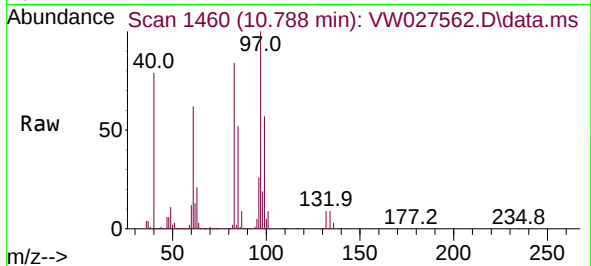




#45
1,1,2-Trichloroethane
Concen: 24.969 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

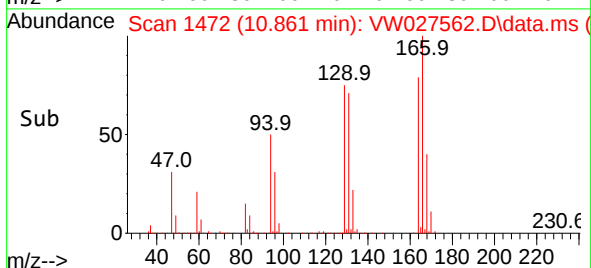
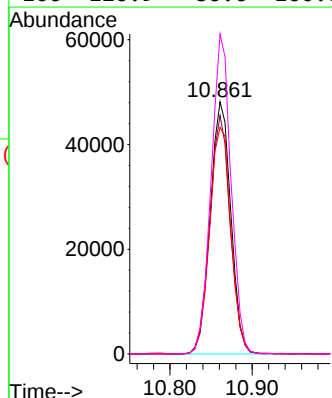
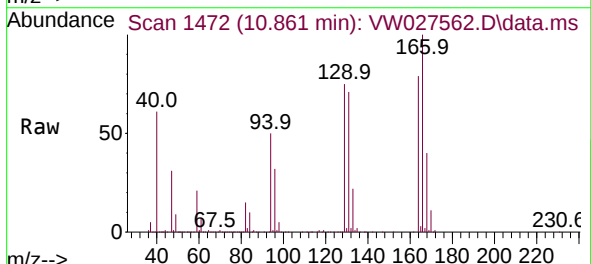
Instrument :
MSVOA_W
ClientSampleId :
VICV477

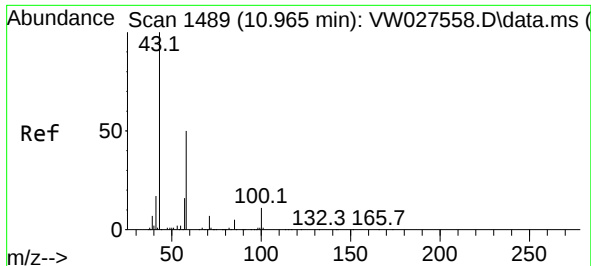
Tgt Ion:	97	Resp:	81699
Ion	Ratio	Lower	Upper
97	100		
99	57.4	42.8	79.4
83	84.0	59.9	111.3
85	51.6	37.9	70.5



#46
Tetrachloroethene
Concen: 24.263 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:	164	Resp:	84072
Ion	Ratio	Lower	Upper
164	100		
129	94.6	71.0	131.8
131	89.9	61.2	113.6
166	126.9	86.6	160.8

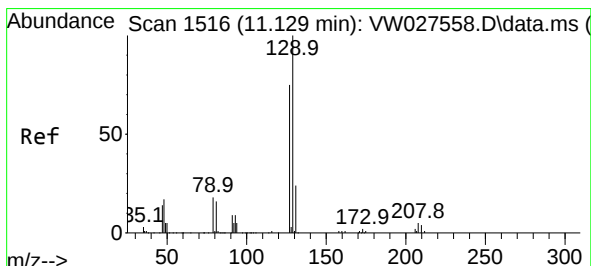
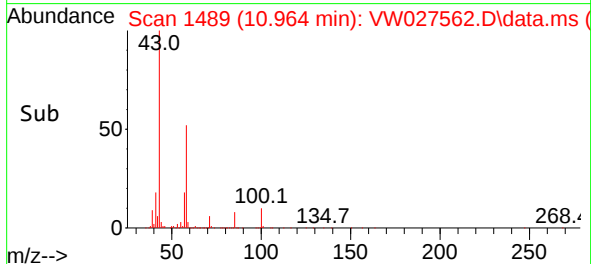
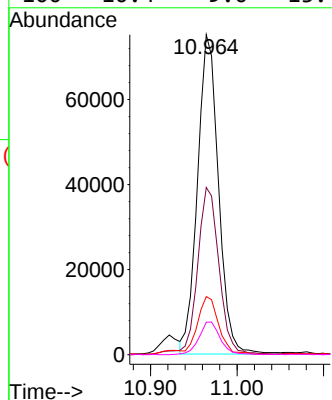
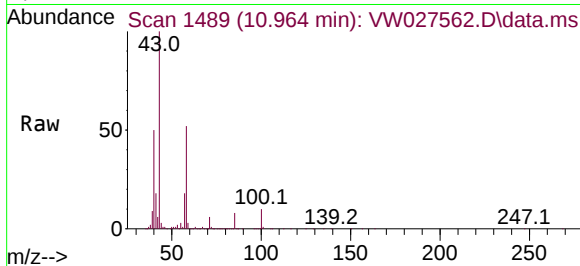




#48
2-Hexanone
Concen: 56.613 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

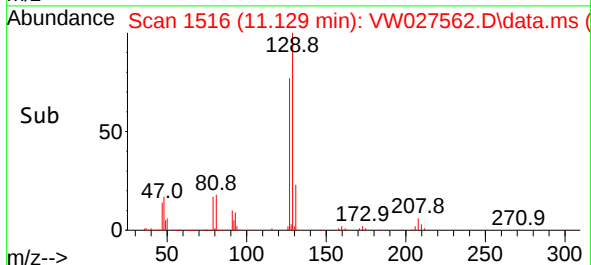
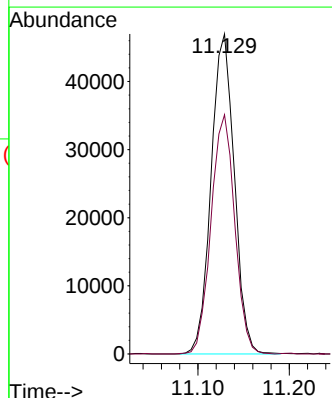
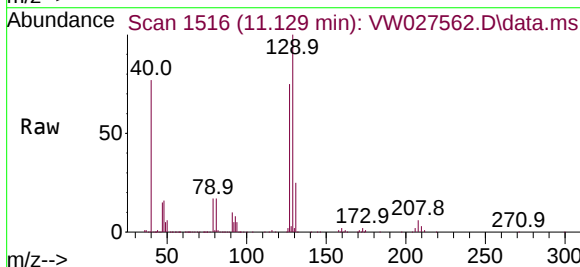
Instrument :
MSVOA_W
ClientSampleId :
VICV477

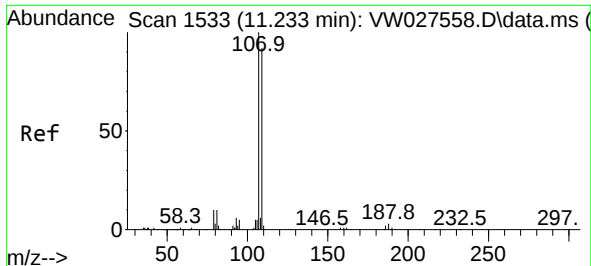
Tgt Ion:	43	Resp:	126707
Ion	Ratio	Lower	Upper
43	100		
58	54.0	40.8	61.2
57	16.4	14.8	22.2
100	10.4	9.0	13.4



#49
Dibromochloromethane
Concen: 25.647 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:	129	Resp:	82951
Ion	Ratio	Lower	Upper
129	100		
127	74.7	52.3	97.1





#50

1,2-Dibromoethane

Concen: 25.367 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

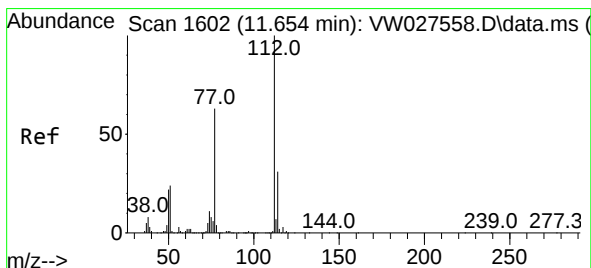
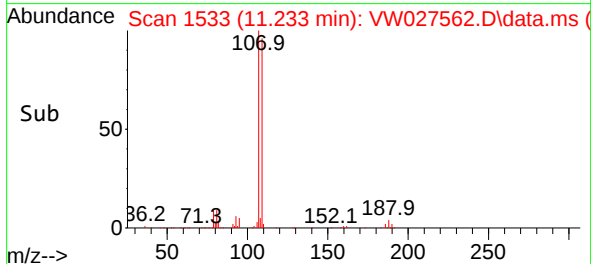
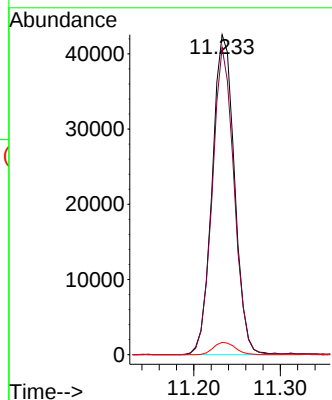
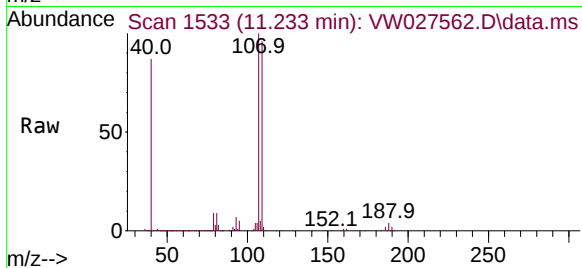
Tgt Ion:107 Resp: 75936

Ion Ratio Lower Upper

107 100

109 96.0 64.8 120.3

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 23.396 ug/L

RT: 11.659 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

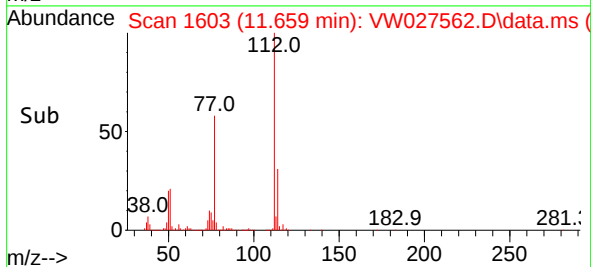
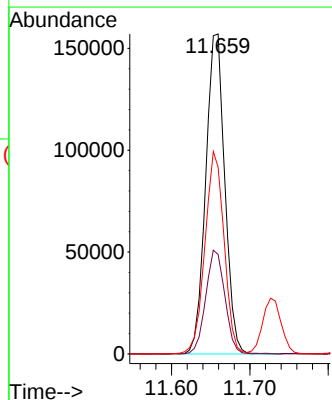
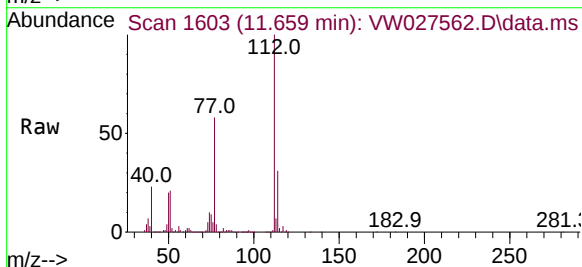
Tgt Ion:112 Resp: 265647

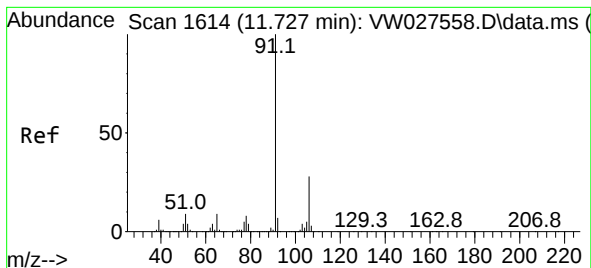
Ion Ratio Lower Upper

112 100

114 31.1 21.5 39.9

77 58.4 50.6 76.0

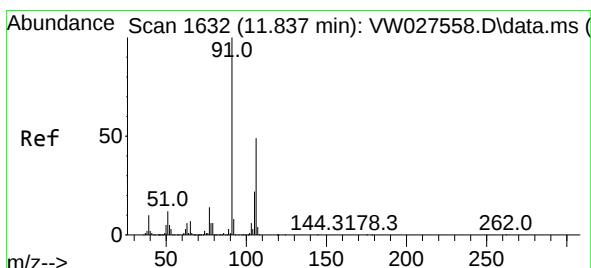
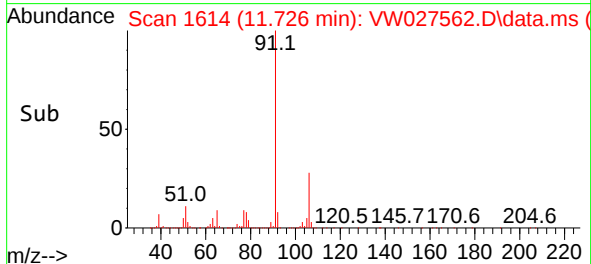
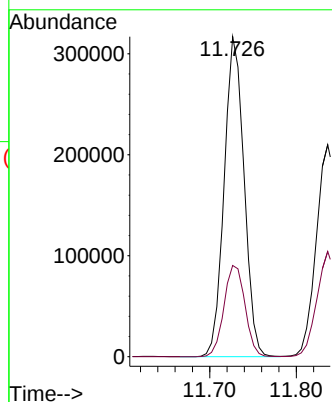
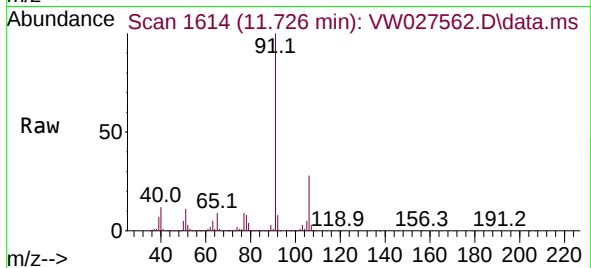




#52
Ethylbenzene
Concen: 23.644 ug/L
RT: 11.726 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

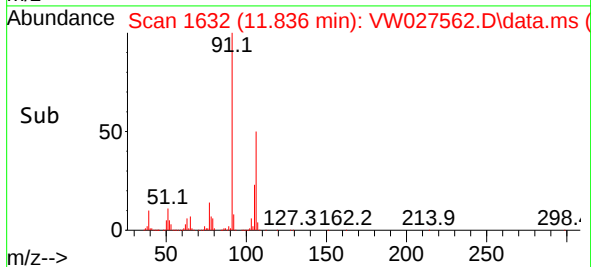
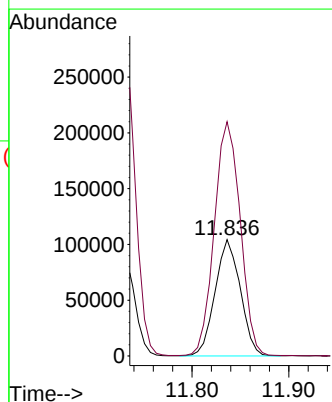
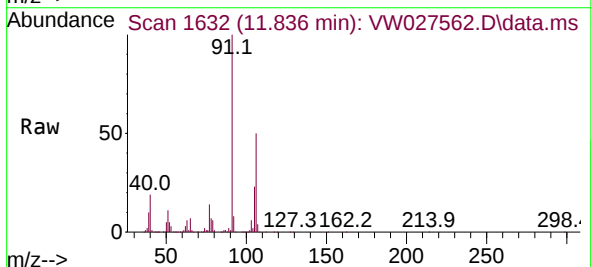
Instrument :
MSVOA_W
ClientSampleId :
VICV477

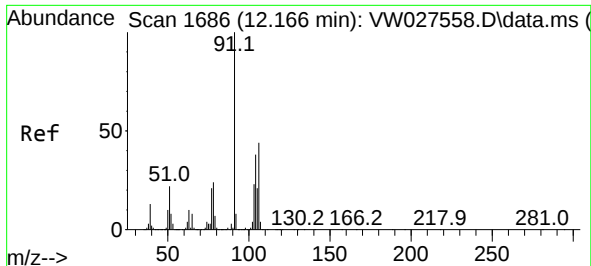
Tgt Ion: 91 Resp: 505483
Ion Ratio Lower Upper
91 100
106 28.5 19.5 36.1



#53
m,p-Xylene
Concen: 24.014 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:106 Resp: 189171
Ion Ratio Lower Upper
106 100
91 201.4 142.1 263.9

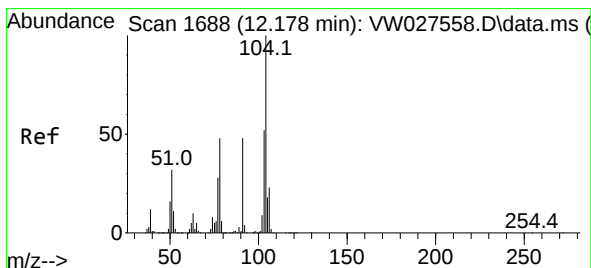
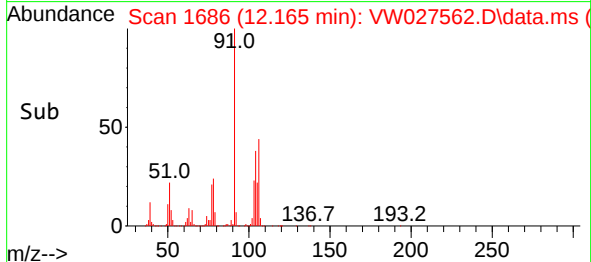
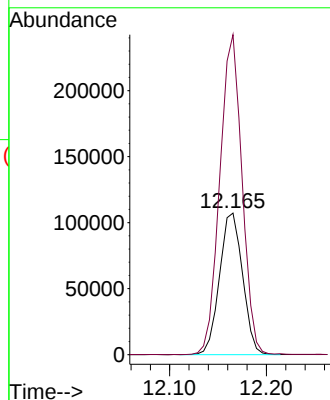
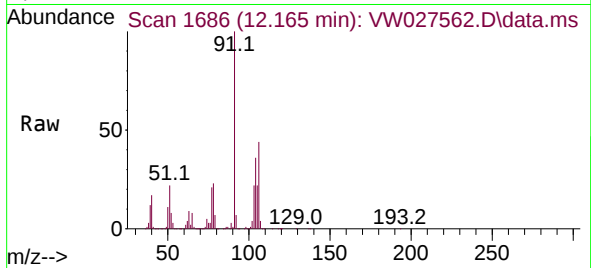




#54
o-Xylene
Concen: 24.769 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

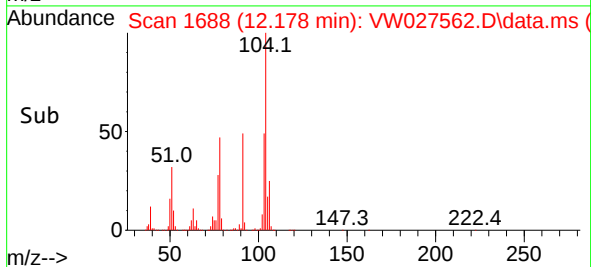
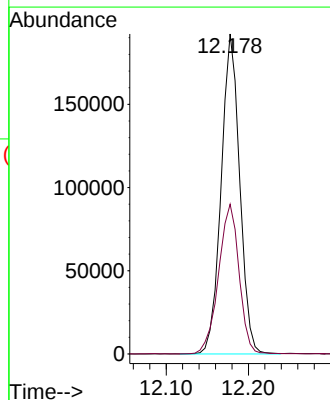
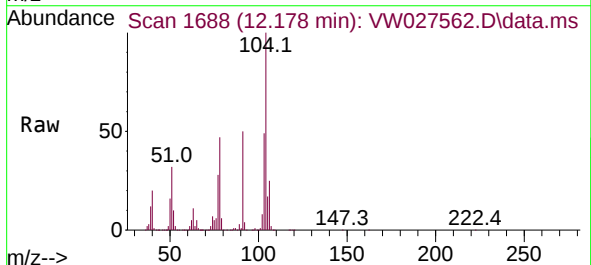
Instrument :
MSVOA_W
ClientSampleId :
VICV477

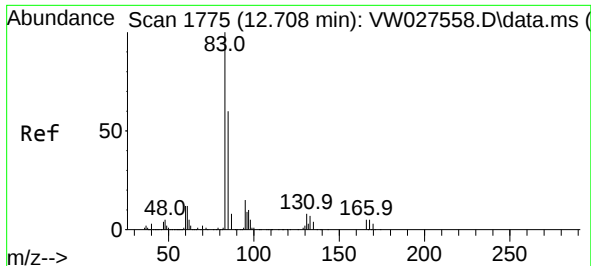
Tgt Ion:106 Resp: 177348
Ion Ratio Lower Upper
106 100
91 225.9 158.8 295.0



#55
Styrene
Concen: 24.657 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:104 Resp: 301321
Ion Ratio Lower Upper
104 100
78 46.8 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.160 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

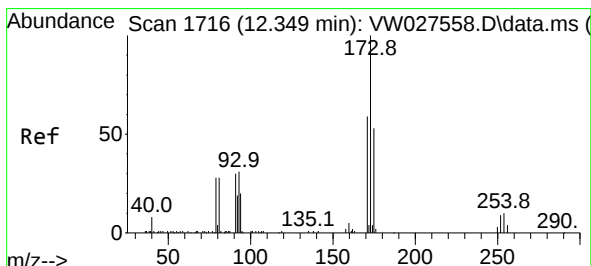
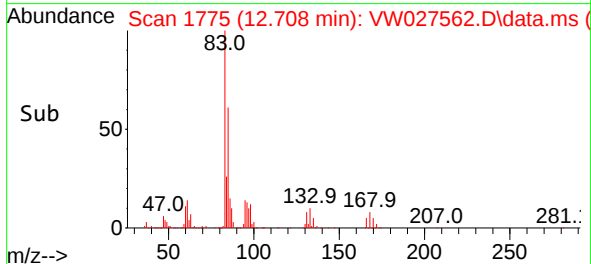
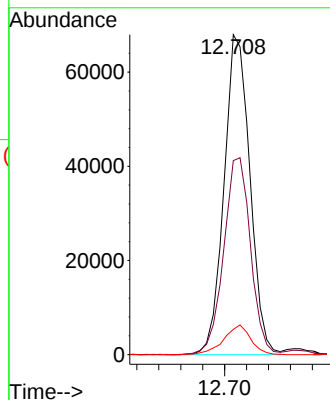
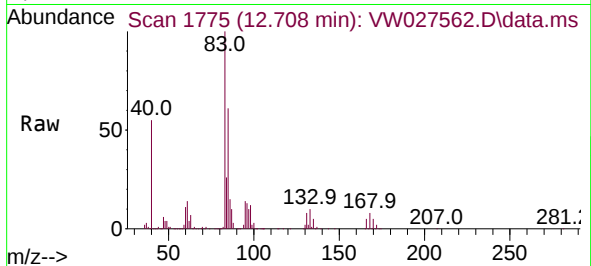
Tgt Ion: 83 Resp: 111432

Ion Ratio Lower Upper

83 100

85 60.6 41.9 77.7

131 7.9 7.0 10.6



#59

Bromoform

Concen: 27.478 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

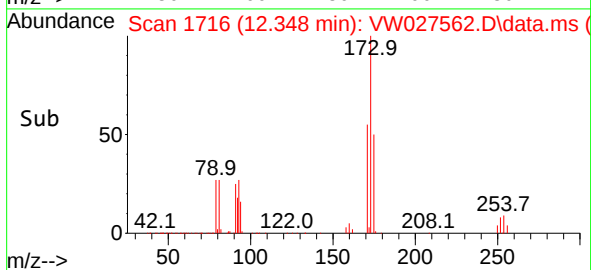
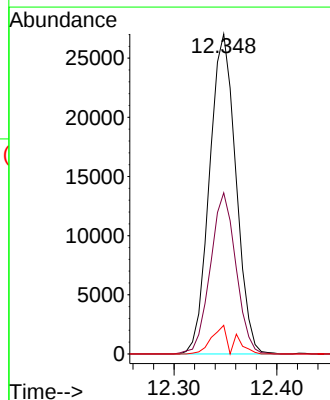
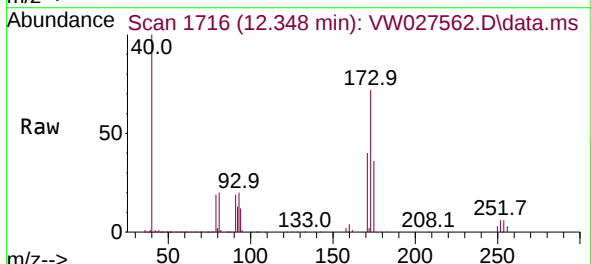
Tgt Ion:173 Resp: 48194

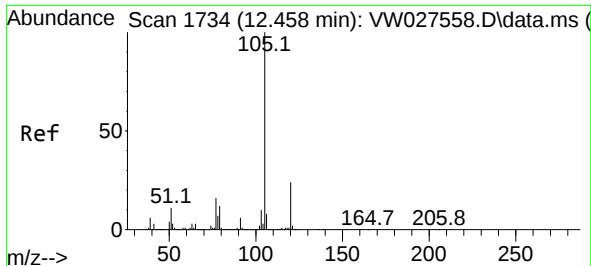
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.0

254 4.9 7.8 11.8#

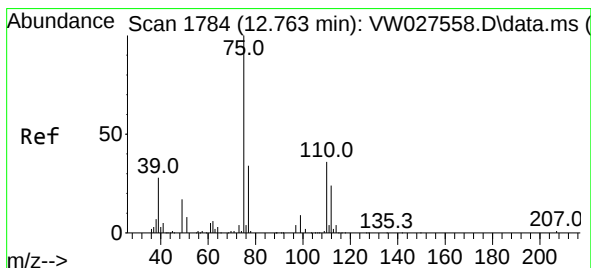
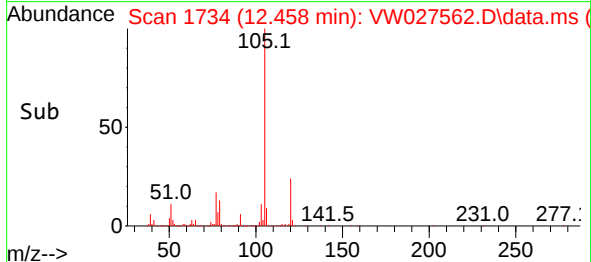
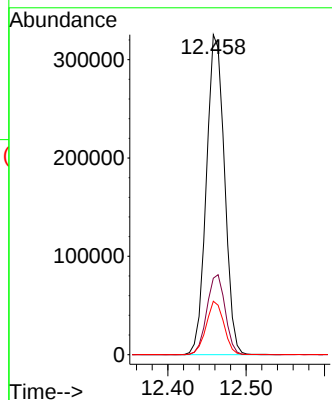
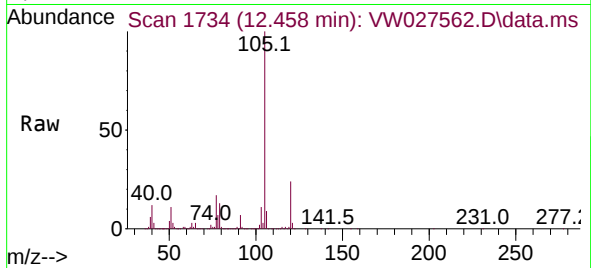




#60
Isopropylbenzene
Concen: 25.209 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

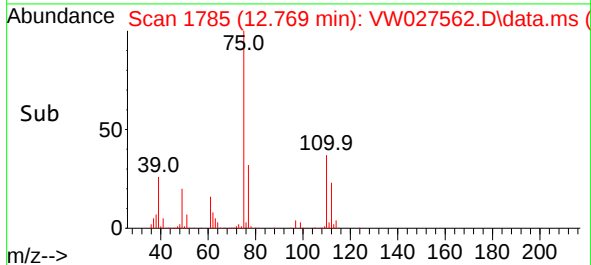
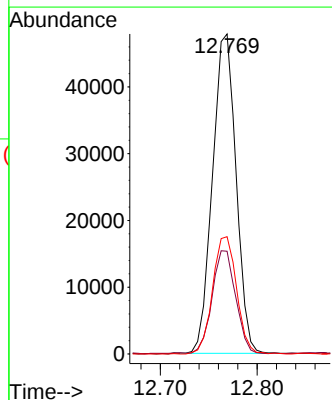
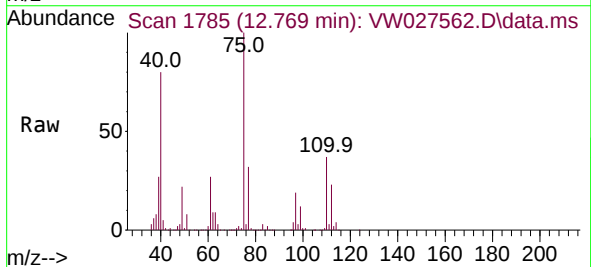
Instrument :
MSVOA_W
ClientSampleId :
VICV477

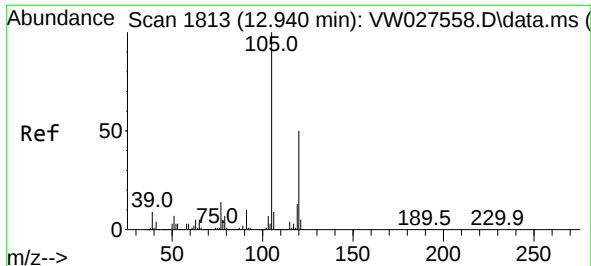
Tgt Ion:105 Resp: 521235
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 26.789 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion: 75 Resp: 80915
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 37.3 30.2 45.4

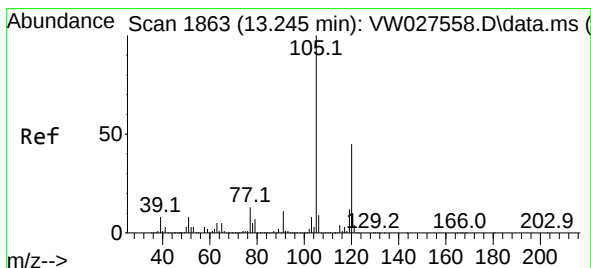
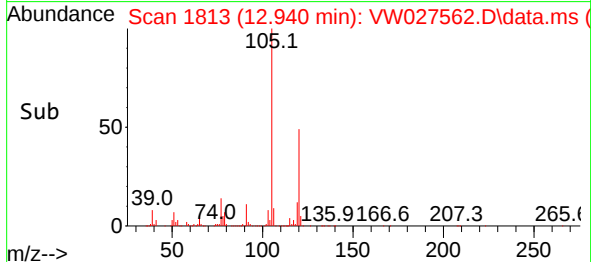
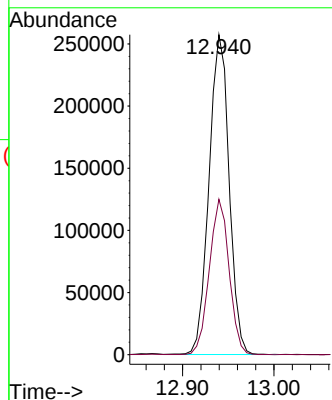
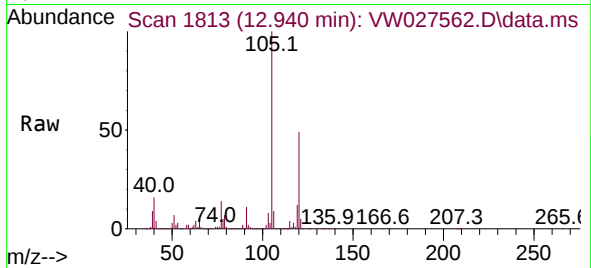




#62
1,3,5-Trimethylbenzene
Concen: 25.647 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

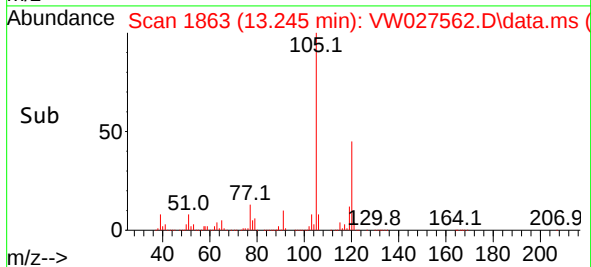
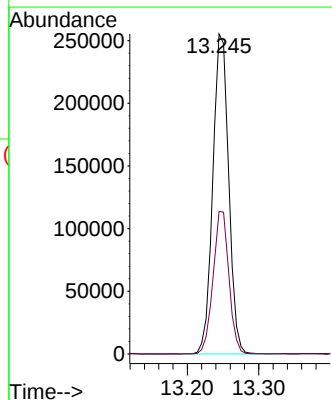
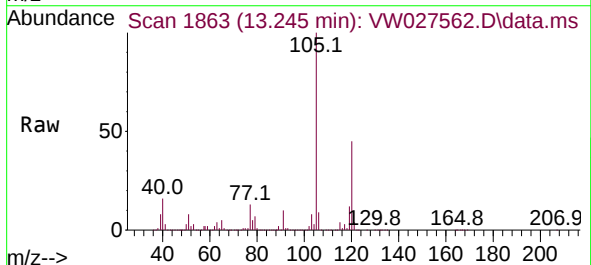
Instrument :
MSVOA_W
ClientSampleId :
VICV477

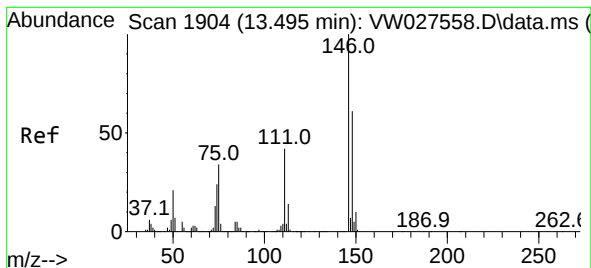
Tgt Ion:105 Resp: 392217
Ion Ratio Lower Upper
105 100
120 47.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 25.841 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027562.D
Acq: 06 Dec 2023 11:58

Tgt Ion:105 Resp: 393578
Ion Ratio Lower Upper
105 100
120 44.5 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 25.710 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

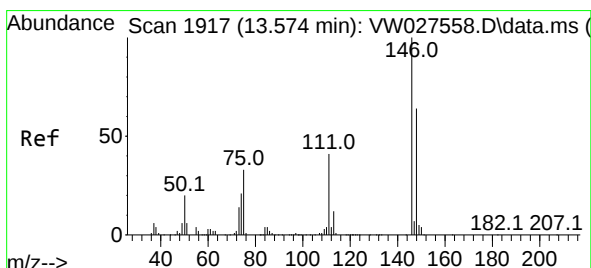
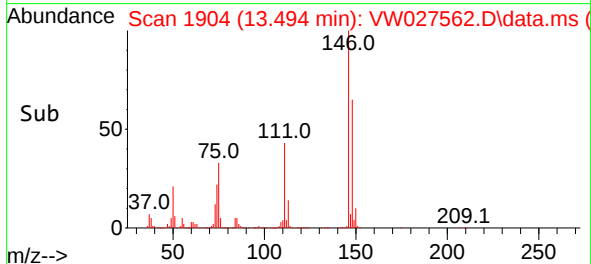
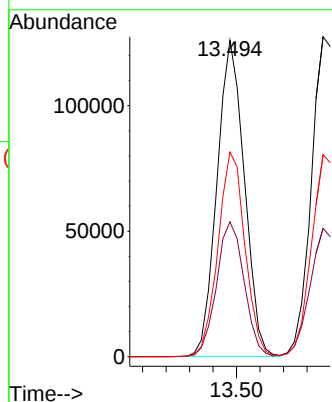
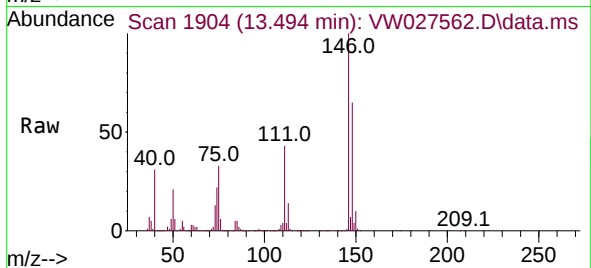
Tgt Ion:146 Resp: 203623

Ion Ratio Lower Upper

146 100

111 42.7 29.5 54.7

148 64.7 42.8 79.6



#65

1,4-Dichlorobenzene

Concen: 25.561 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

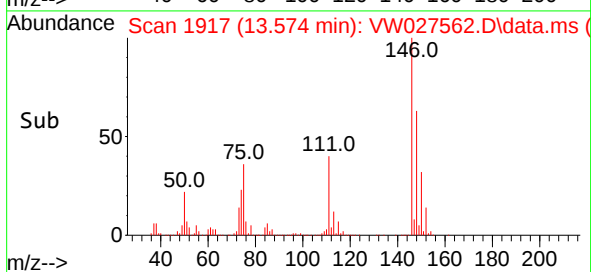
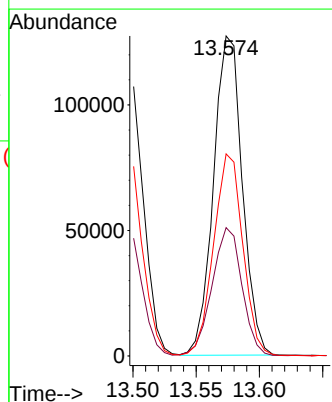
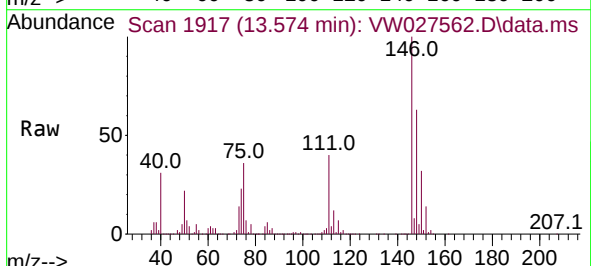
Tgt Ion:146 Resp: 201927

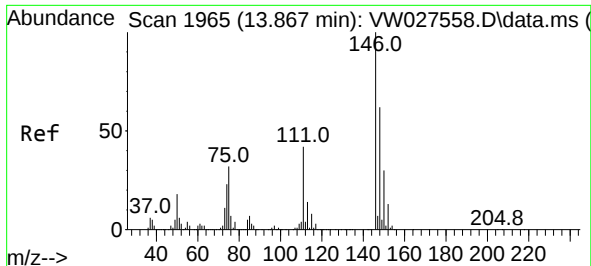
Ion Ratio Lower Upper

146 100

111 40.1 28.9 53.7

148 63.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 24.031 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

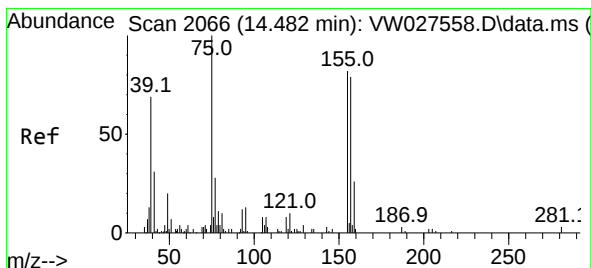
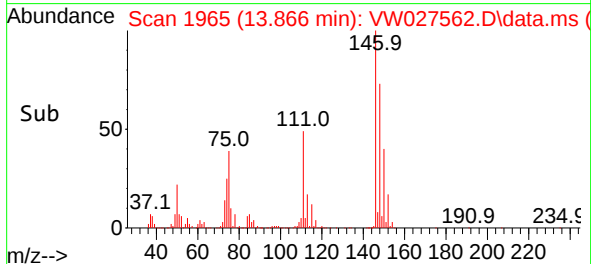
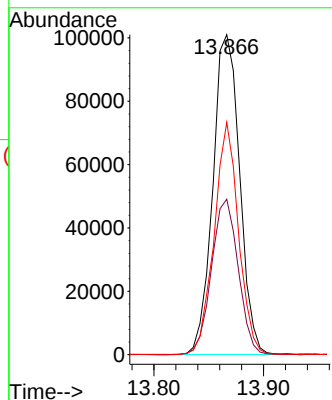
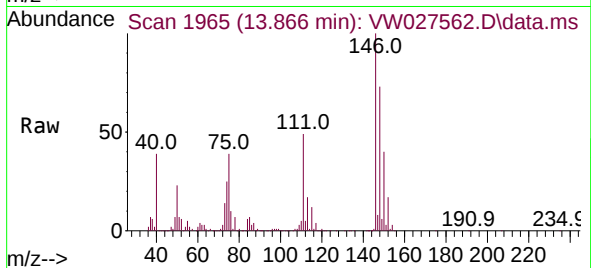
Tgt Ion:146 Resp: 171467

Ion Ratio Lower Upper

146 100

111 48.6 33.9 50.9

148 72.6 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 25.993 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

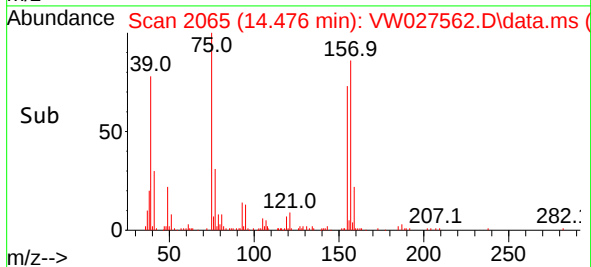
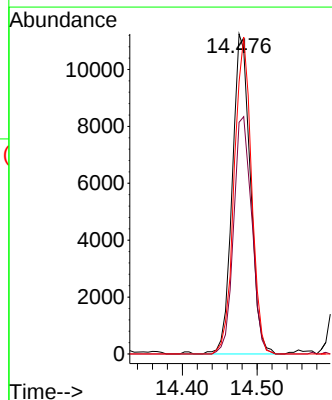
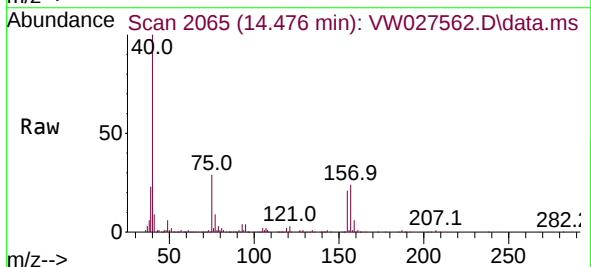
Tgt Ion: 75 Resp: 18885

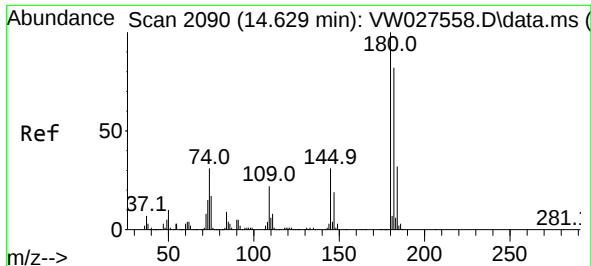
Ion Ratio Lower Upper

75 100

155 72.4 65.8 98.8

157 85.1 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 25.010 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

Tgt Ion:180 Resp: 133199

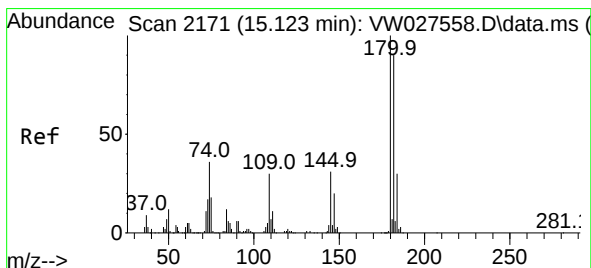
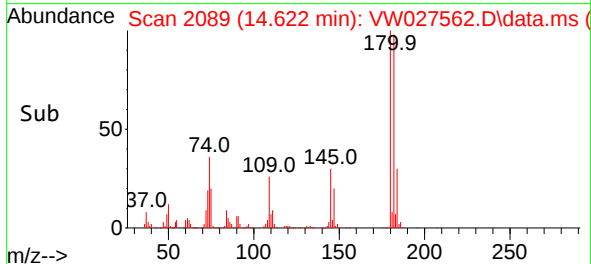
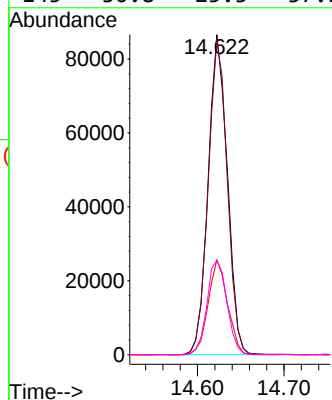
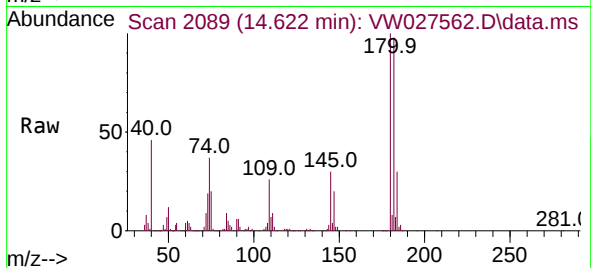
Ion Ratio Lower Upper

180 100

182 98.0 73.2 109.8

184 29.8 25.4 38.2

145 30.8 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 26.053 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

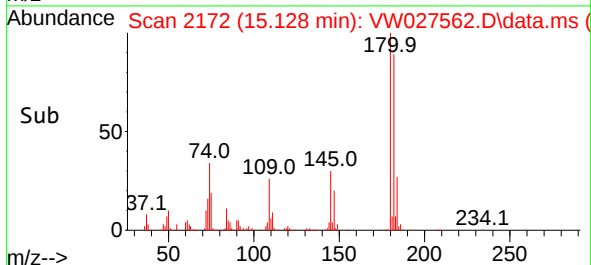
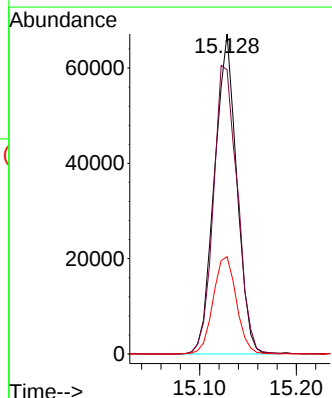
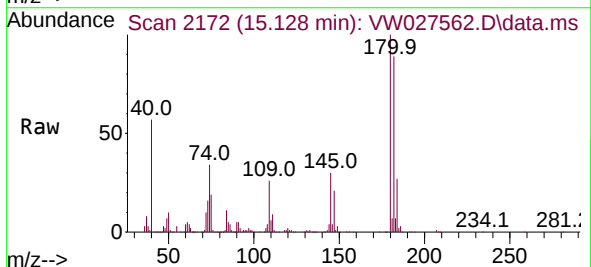
Tgt Ion:180 Resp: 107746

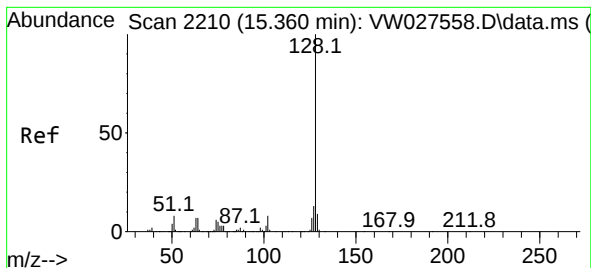
Ion Ratio Lower Upper

180 100

182 96.7 78.7 118.1

145 31.7 26.8 40.2





#71

Naphthalene

Concen: 28.393 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Instrument :

MSVOA_W

ClientSampleId :

VICV477

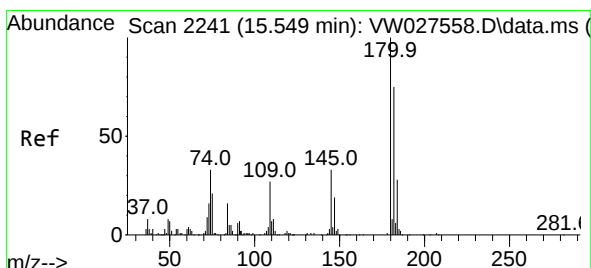
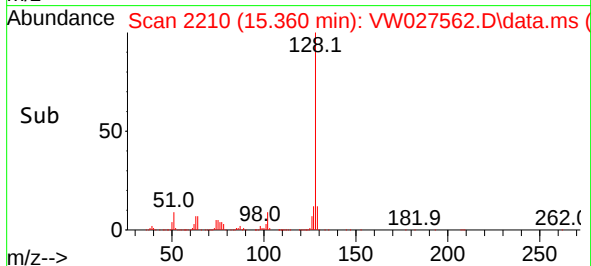
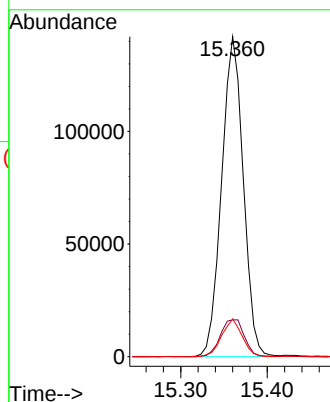
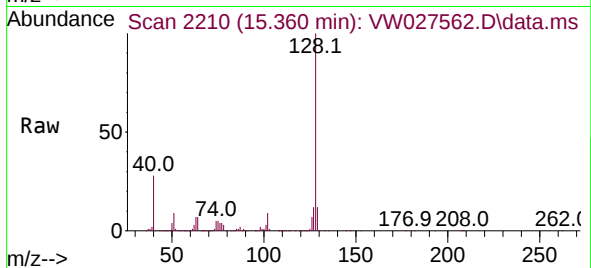
Tgt Ion:128 Resp: 246985

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.519 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027562.D

Acq: 06 Dec 2023 11:58

Tgt Ion:180 Resp: 93951

Ion Ratio Lower Upper

180 100

182 97.0 72.4 108.6

145 35.2 27.4 41.0

