

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120723\
 Data File : VW027571.D
 Acq On : 07 Dec 2023 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 05:07:23 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	261976	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	240820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	117782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106374	20.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.720%		
7) Chloroethane-d5	2.899	69	82348	21.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	4.021	65	47988	21.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.040%		
21) 2-Butanone-d5	6.850	46	178	0.129	ug/L	-0.23
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.260%#		
24) Chloroform-d	7.648	84	187766	24.012	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.040%		
26) 1,2-Dichloroethane-d4	8.307	65	97313	24.335	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.360%		
32) Benzene-d6	8.276	84	386948	22.813	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.240%		
36) 1,2-Dichloropropane-d6	9.270	67	117271	23.453	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.800%		
41) Toluene-d8	10.325	98	336128	22.650	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	10.575	79	44706	23.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.480%		
47) 2-Hexanone-d5	10.922	63	48249	51.788	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.580%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100170	24.355	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.440%		
66) 1,2-Dichlorobenzene-d4	13.848	152	101622	24.614	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	74248	21.167	ug/L	99
3) Chloromethane	2.222	50	93515	21.768	ug/L	98
5) Vinyl chloride	2.375	62	111583	22.267	ug/L	96
6) Bromomethane	2.795	94	60384	22.961	ug/L	97
8) Chloroethane	2.936	64	66180	23.122	ug/L	98
9) Trichlorofluoromethane	3.277	101	111026	23.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	99601	24.337	ug/L	96
12) 1,1-Dichloroethene	4.051	96	89938	24.069	ug/L	80
13) Acetone	4.118	43	66888	50.227	ug/L	98
14) Carbon disulfide	4.387	76	246010	21.786	ug/L	96
15) Methyl Acetate	4.667	43	55430	23.816	ug/L	98
16) Methylene chloride	4.923	84	99548	23.302	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	92880	24.106	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	164967	26.544	ug/L	98
19) 1,1-Dichloroethane	6.222	63	195770	24.985	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	103389	24.986	ug/L	96
22) 2-Butanone	7.167	43	86927	50.596	ug/L	100
23) Bromochloromethane	7.520	128	42378	26.039	ug/L	97
25) Chloroform	7.679	83	182634	25.670	ug/L	94

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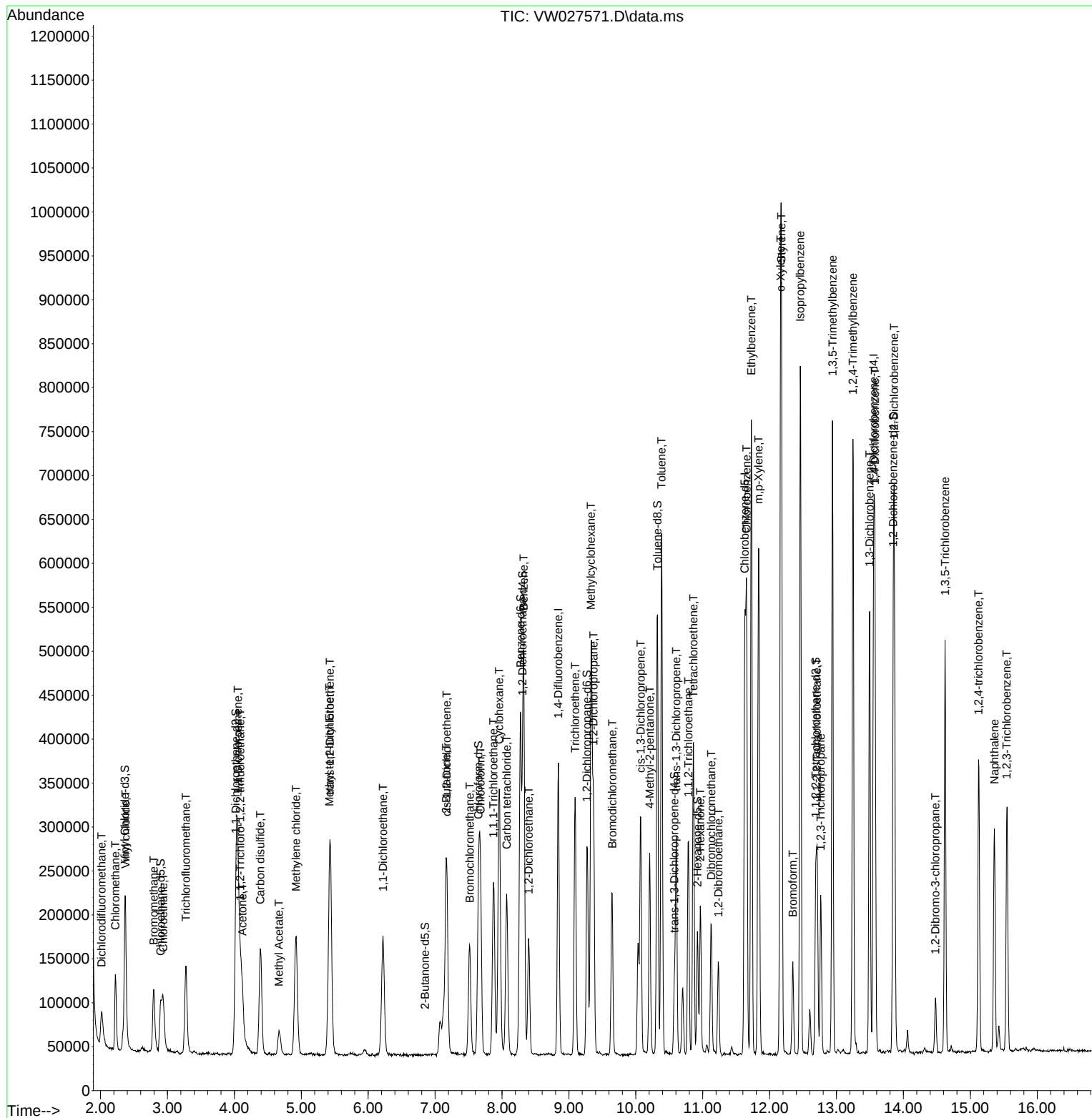
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	119689	26.029	ug/L	99
29) Cyclohexane	7.959	56	177235	22.386	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	159565	23.753	ug/L	100
31) Carbon tetrachloride	8.069	117	135898	23.193	ug/L	99
33) Benzene	8.325	78	400707	24.108	ug/L	100
34) Trichloroethene	9.093	95	103884	22.882	ug/L	99
35) Methylcyclohexane	9.331	83	182734	22.605	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110150	25.100	ug/L	99
38) Bromodichloromethane	9.648	83	126942	25.022	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	160818	25.386	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	156133	52.635	ug/L	100
42) Toluene	10.386	91	429139	24.411	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	132629	25.953	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	77338	25.305	ug/L	97
46) Tetrachloroethene	10.861	164	78019	24.106	ug/L	94
48) 2-Hexanone	10.965	43	108090	51.704	ug/L	98
49) Dibromochloromethane	11.129	129	78135	25.864	ug/L	99
50) 1,2-Dibromoethane	11.233	107	70892	25.354	ug/L	98
51) Chlorobenzene	11.654	112	254077	23.957	ug/L	98
52) Ethylbenzene	11.727	91	493124	24.694	ug/L	97
53) m,p-Xylene	11.837	106	182732	24.834	ug/L	100
54) o-Xylene	12.166	106	170493	25.493	ug/L	93
55) Styrene	12.178	104	293083	25.676	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	103331	25.971	ug/L	98
59) Bromoform	12.349	173	43255	26.221	ug/L	98
60) Isopropylbenzene	12.458	105	497991	25.608	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74490	26.221	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	368481	25.619	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	376478	26.281	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	196044	26.318	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	201425	27.110	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	164527	24.516	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	16383	23.976	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	128291	25.612	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	102225	26.281	ug/L	93
71) Naphthalene	15.360	128	207890	25.410	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	86078	25.833	ug/L	93

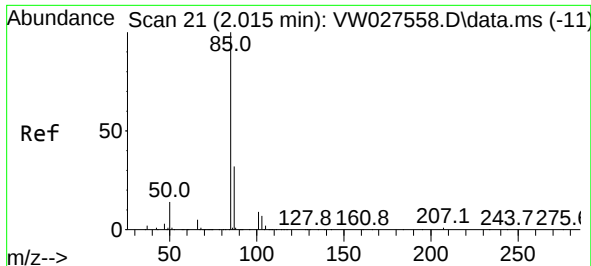
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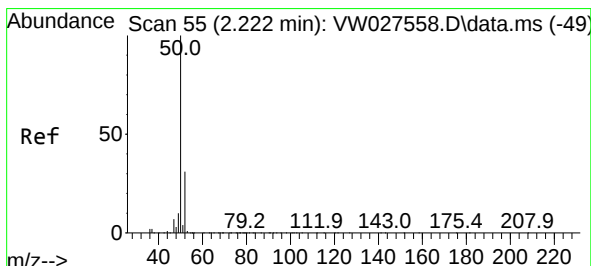
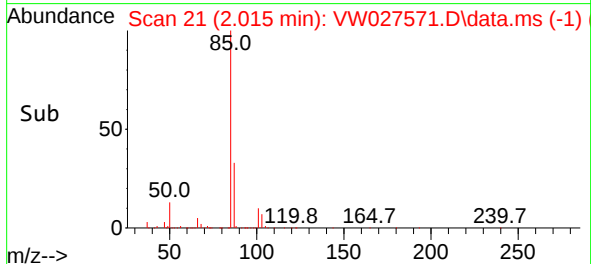
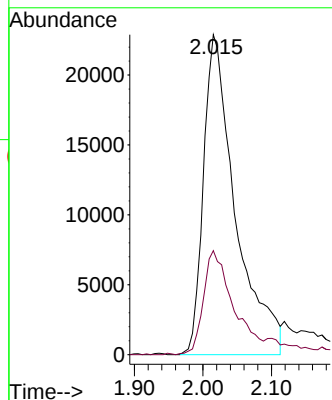
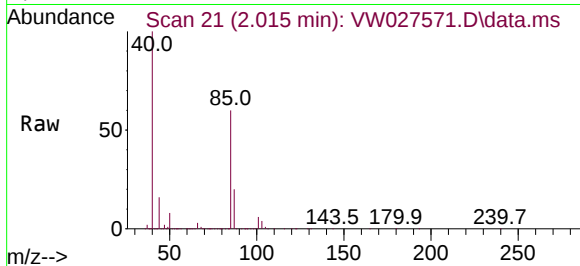




#2
Dichlorodifluoromethane
Concen: 21.167 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

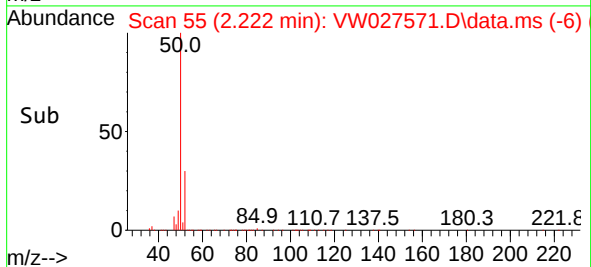
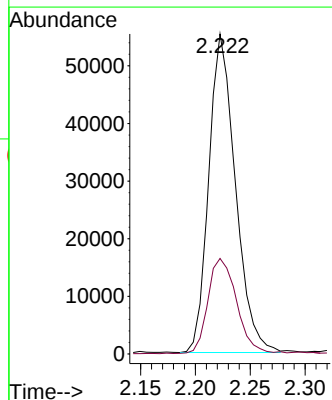
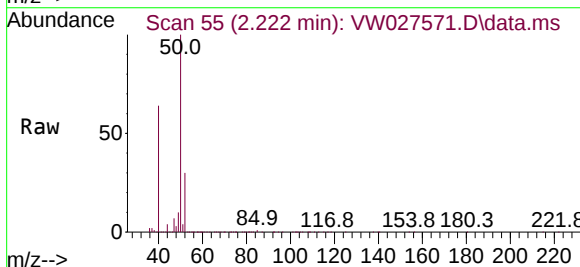
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ClientSampleId :

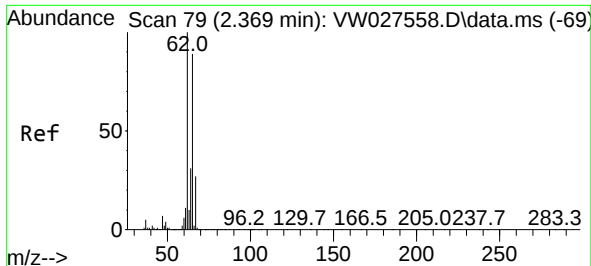
Tgt Ion: 85 Resp: 74248
Ion Ratio Lower Upper
85 100
87 30.5 24.0 36.0



#3
Chloromethane
Concen: 21.768 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 50 Resp: 93515
Ion Ratio Lower Upper
50 100
52 29.8 21.8 40.6

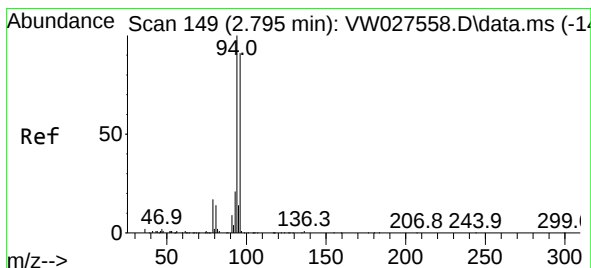
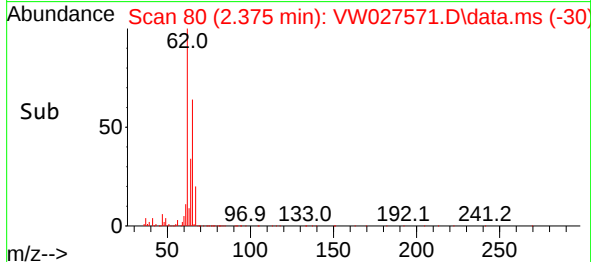
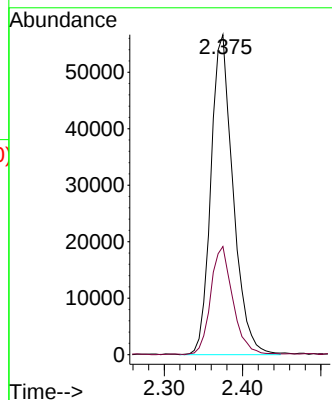
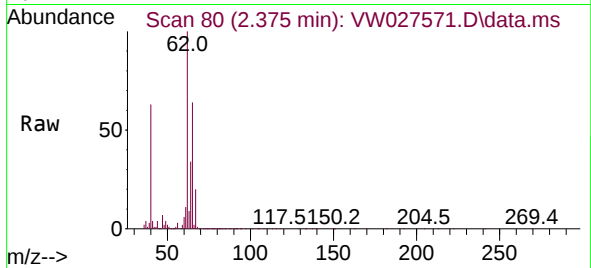




#5
 Vinyl chloride
 Concen: 22.267 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027571.D
 Acq: 07 Dec 2023 09:05

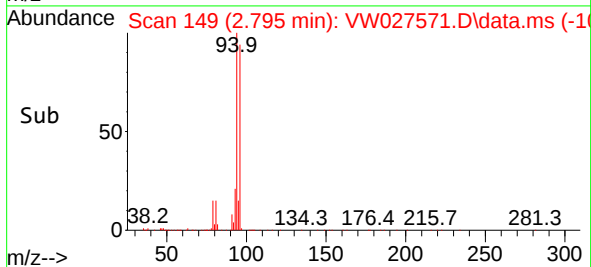
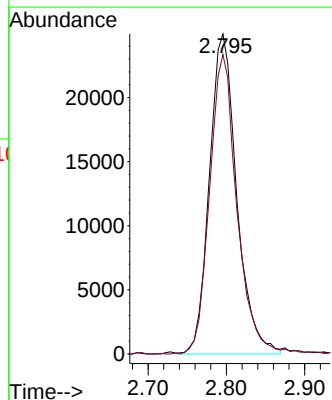
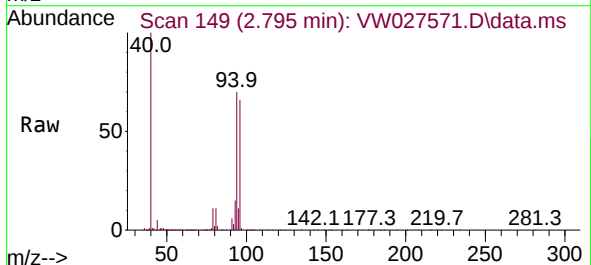
Instrument :
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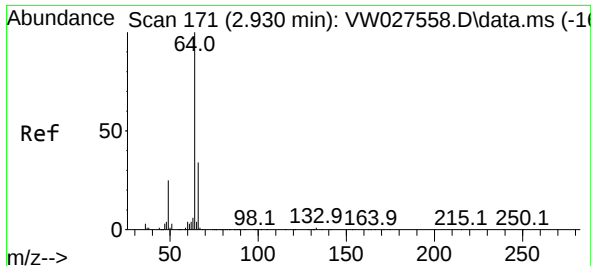
Tgt Ion: 62 Resp: 111583
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.2 41.2



#6
 Bromomethane
 Concen: 22.961 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027571.D
 Acq: 07 Dec 2023 09:05

Tgt Ion: 94 Resp: 60384
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.3 117.7

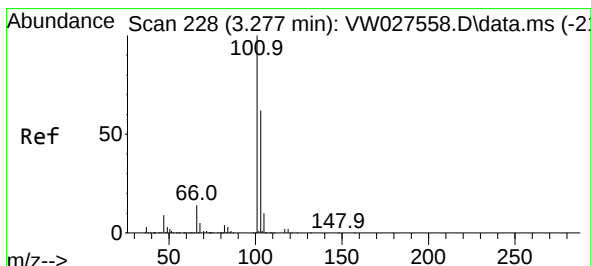
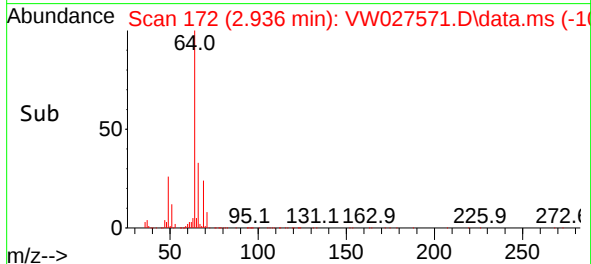
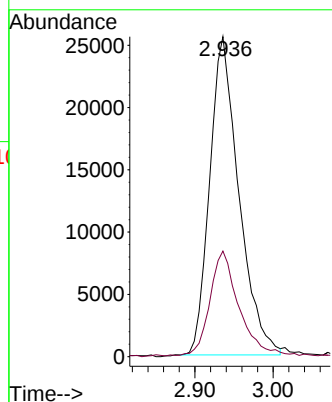
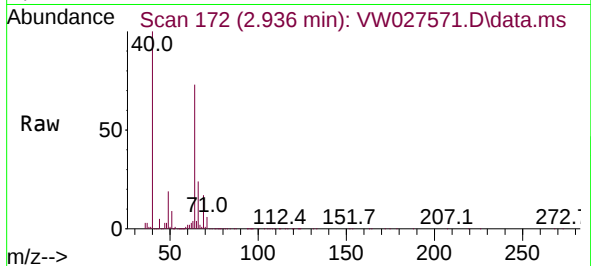




#8
Chloroethane
Concen: 23.122 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

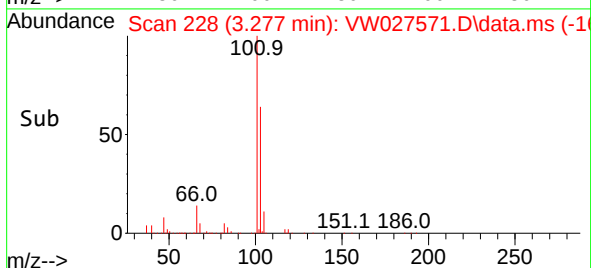
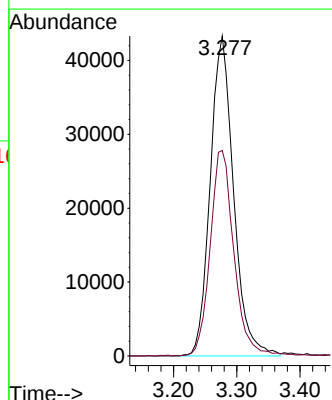
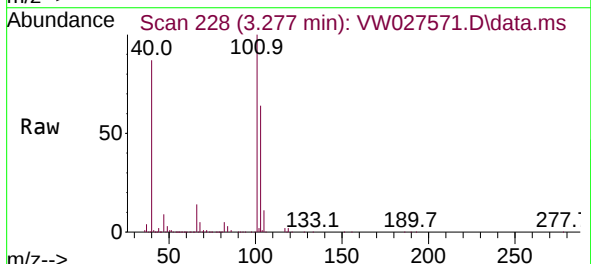
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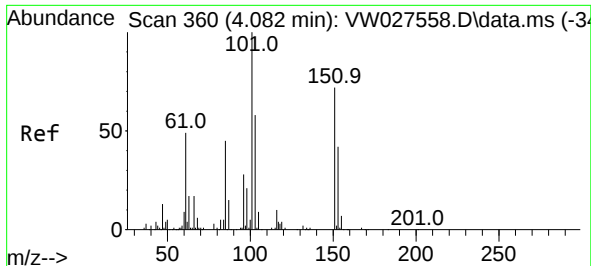
Tgt Ion: 64 Resp: 66180
Ion Ratio Lower Upper
64 100
66 33.0 24.1 44.7



#9
Trichlorofluoromethane
Concen: 23.133 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 101 Resp: 111026
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

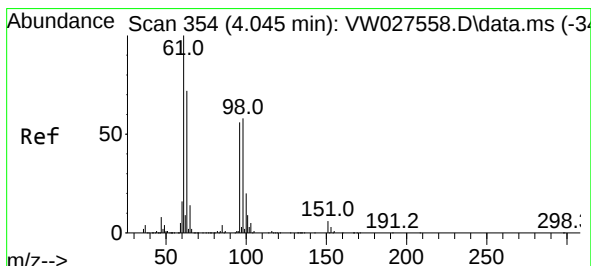
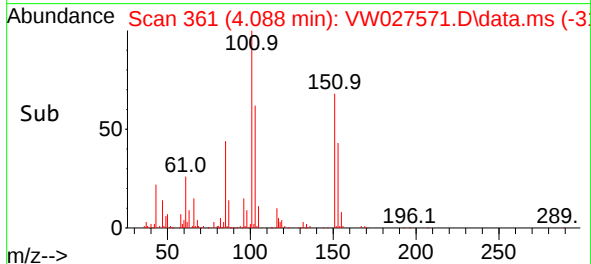
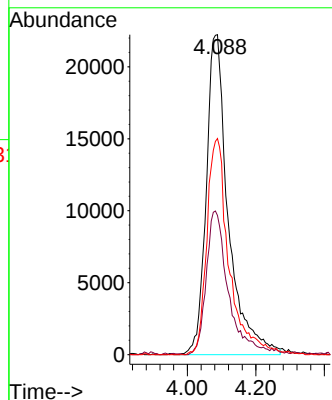
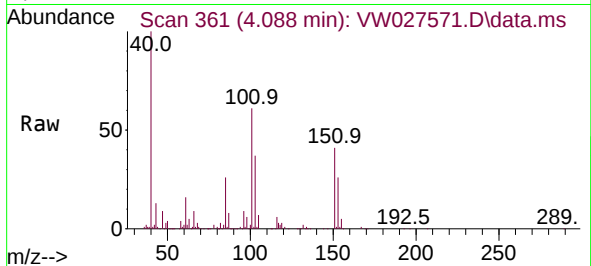




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.337 ug/L
 RT: 4.088 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW027571.D
 Acq: 07 Dec 2023 09:05

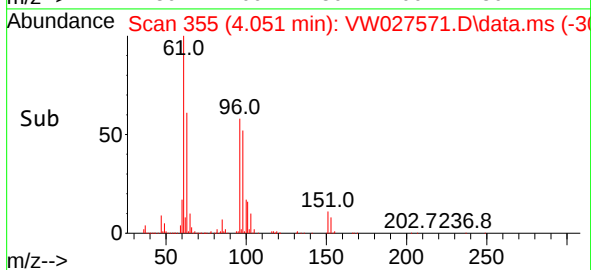
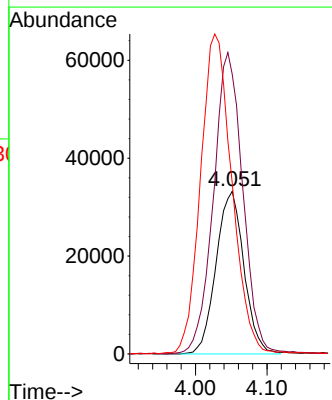
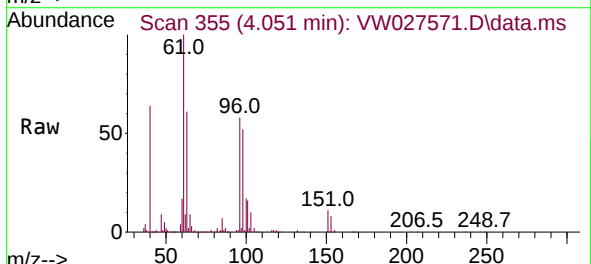
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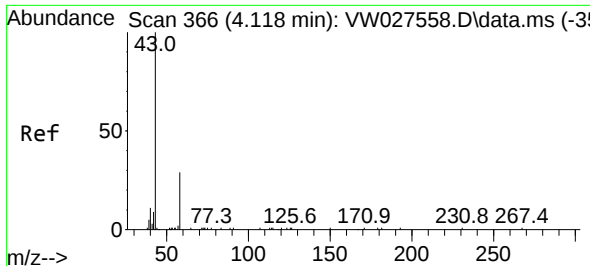
Tgt Ion:101 Resp: 99601
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.9 50.9
 151 64.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.069 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027571.D
 Acq: 07 Dec 2023 09:05

Tgt Ion: 96 Resp: 89938
 Ion Ratio Lower Upper
 96 100
 61 172.1 127.8 237.4
 63 105.4 104.9 194.7

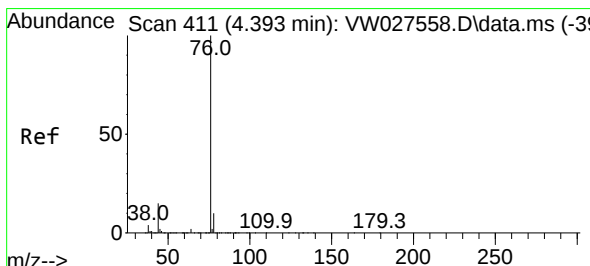
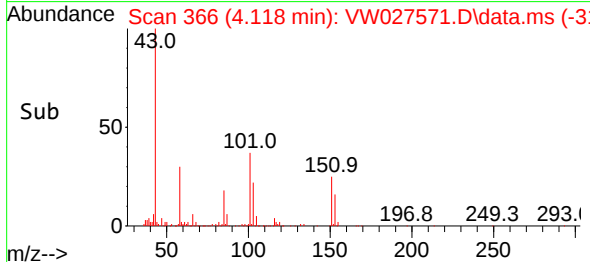
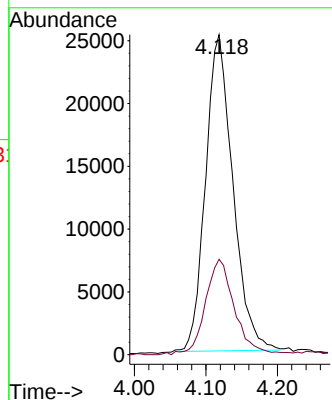
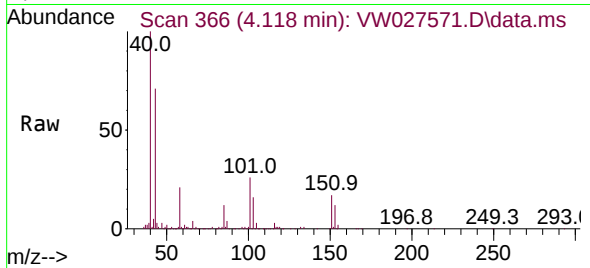




#13
Acetone
Concen: 50.227 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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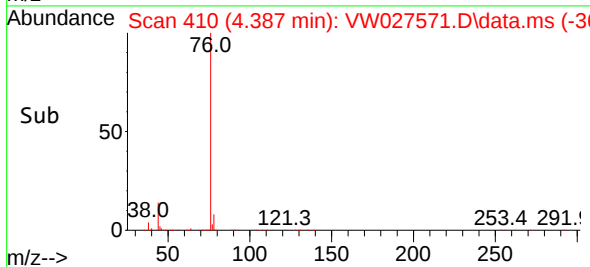
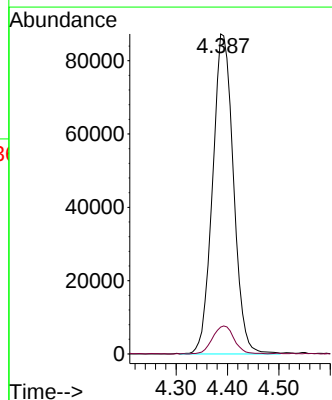
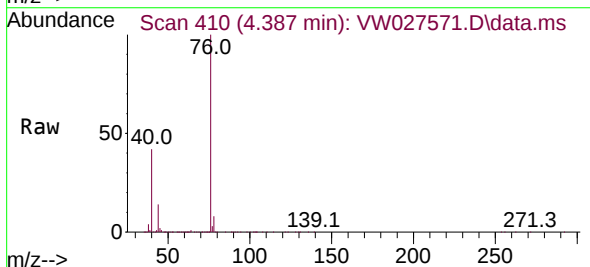
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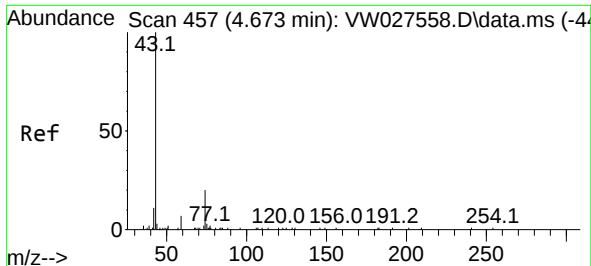
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Ion Ratio Lower Upper
43 100
58 31.3 0.0 60.0



#14
Carbon disulfide
Concen: 21.786 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 246010
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6

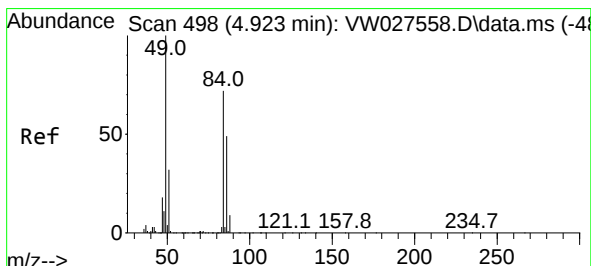
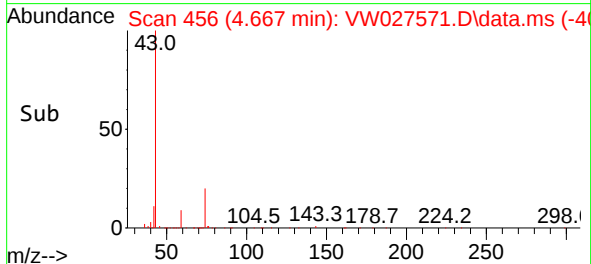
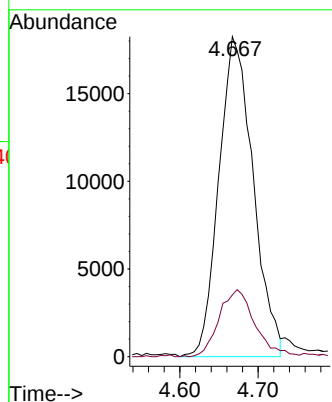
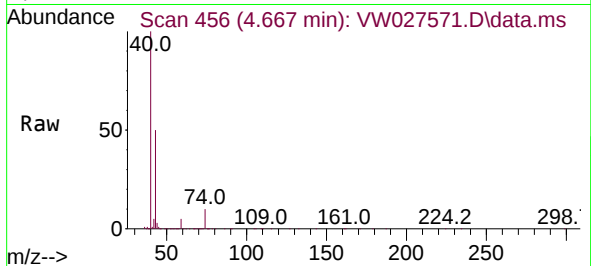




#15
Methyl Acetate
Concen: 23.816 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

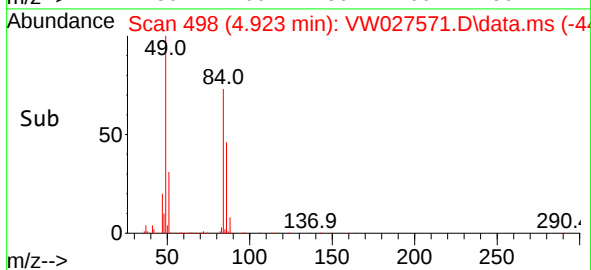
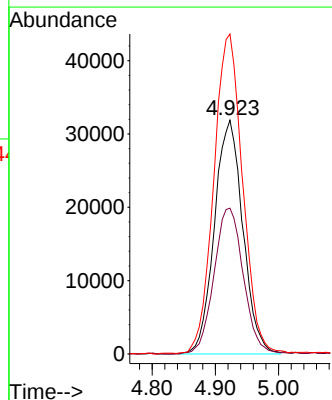
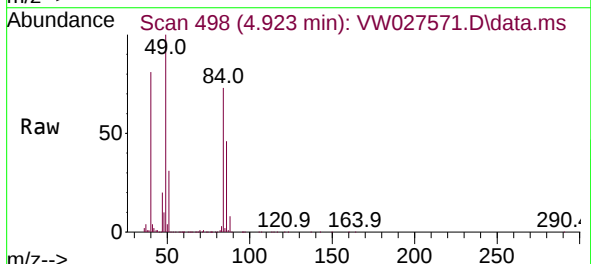
Instrument :
MSVOA_W
ClientSampleId :

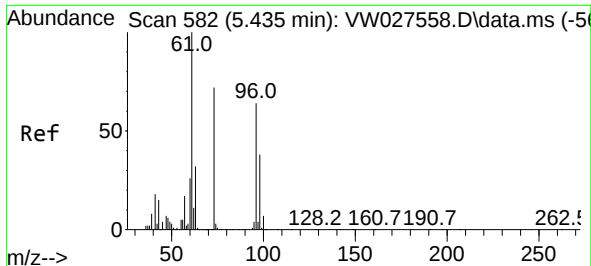
Tgt Ion: 43 Resp: 55430
Ion Ratio Lower Upper
43 100
74 21.8 16.8 25.2



#16
Methylene chloride
Concen: 23.302 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

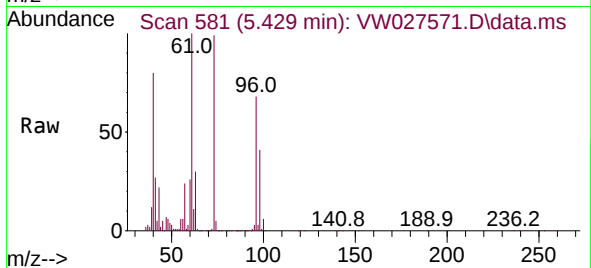
Tgt Ion: 84 Resp: 99548
Ion Ratio Lower Upper
84 100
86 62.4 47.7 88.7
49 136.9 97.4 181.0



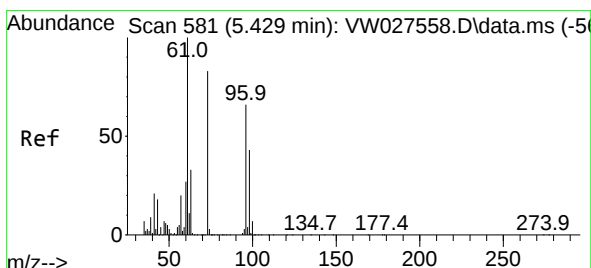
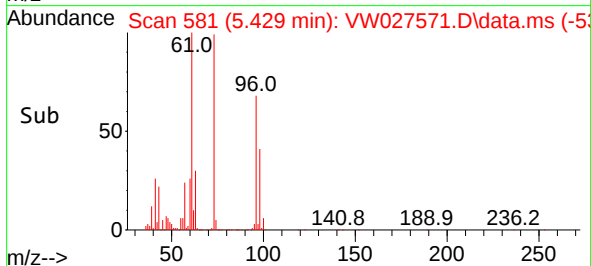
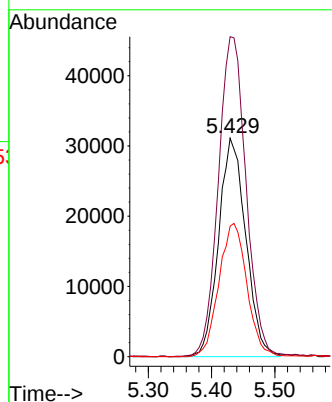


#17
trans-1,2-Dichloroethene
Concen: 24.106 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Instrument :
MSVOA_W
ClientSampleId :

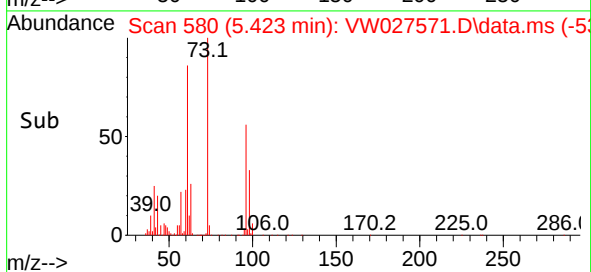
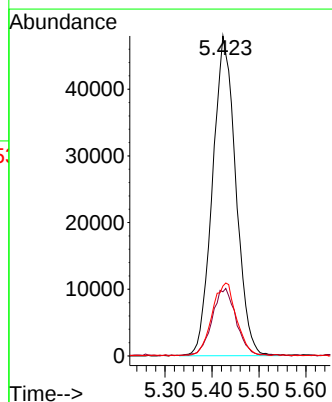
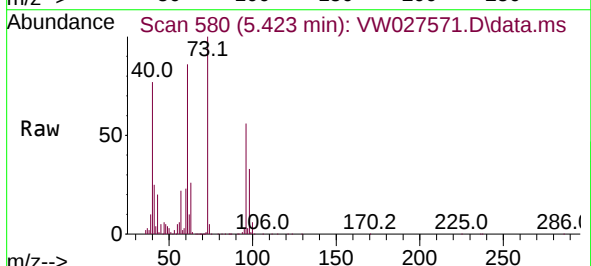


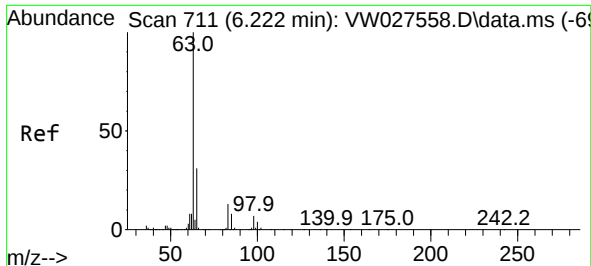
Tgt Ion: 96 Resp: 92880
Ion Ratio Lower Upper
96 100
61 146.5 109.6 203.6
98 59.8 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 26.544 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 73 Resp: 164967
Ion Ratio Lower Upper
73 100
43 21.2 17.8 26.6
57 23.7 19.9 29.9





#19

1,1-Dichloroethane

Concen: 24.985 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

ClientSampleId :

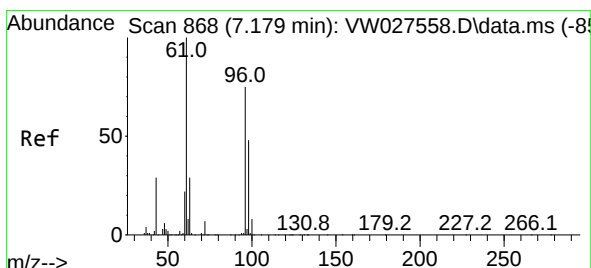
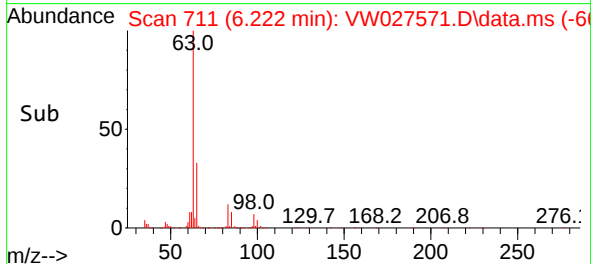
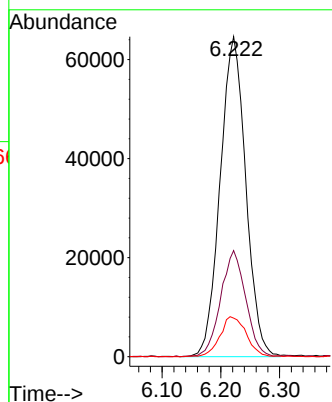
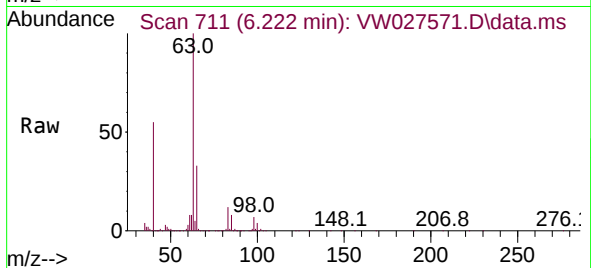
Tgt Ion: 63 Resp: 195770

Ion Ratio Lower Upper

63 100

65 33.2 22.0 40.8

83 12.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.986 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

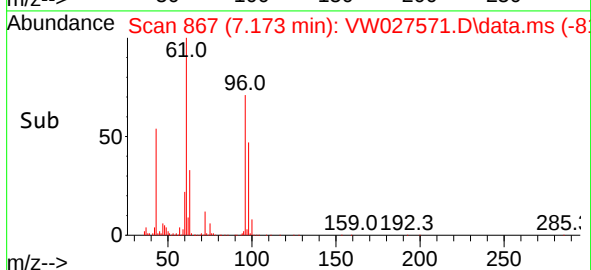
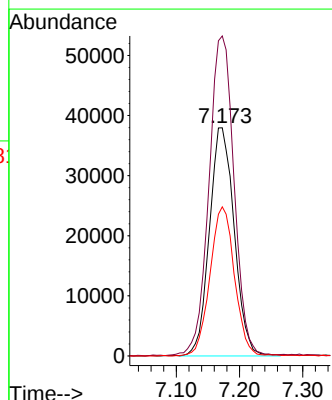
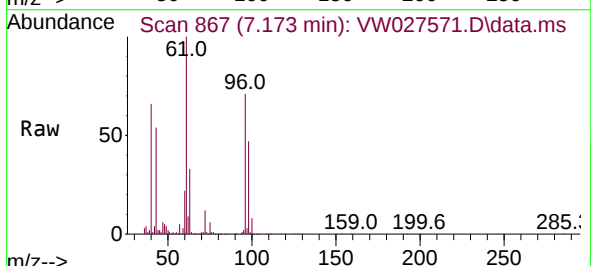
Tgt Ion: 96 Resp: 103389

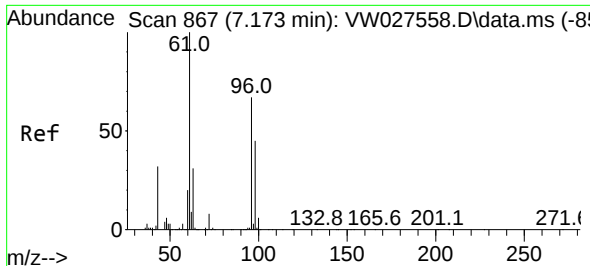
Ion Ratio Lower Upper

96 100

61 140.2 94.0 174.6

98 65.3 45.1 83.7

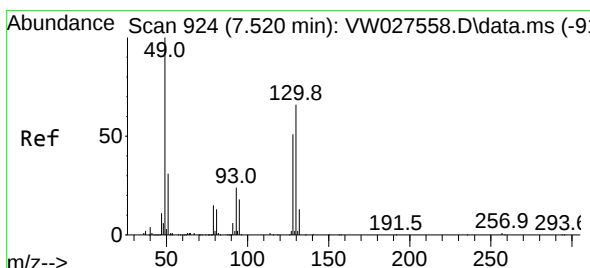
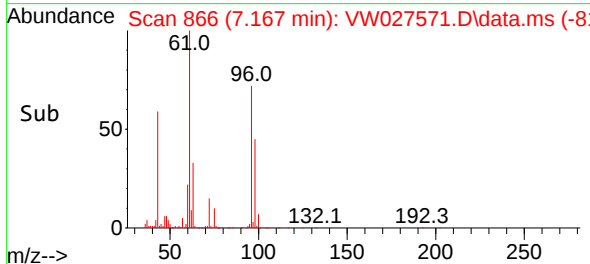
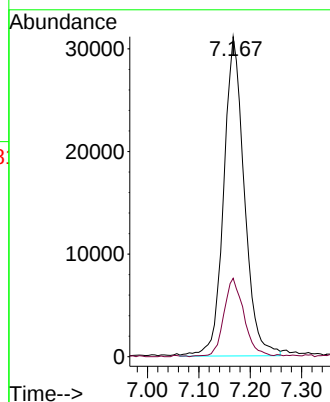
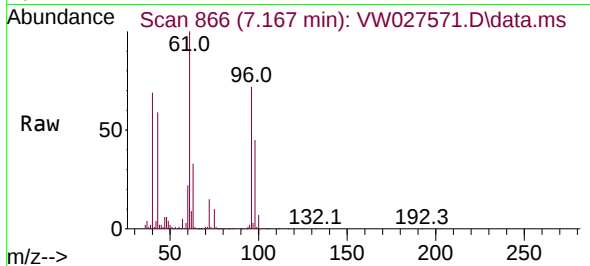




#22
2-Butanone
Concen: 50.596 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

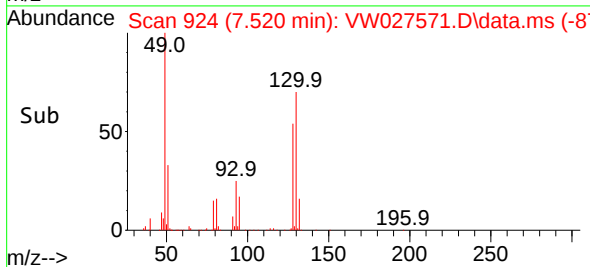
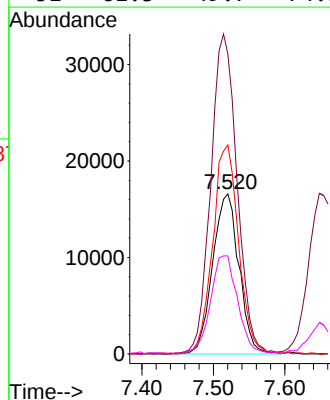
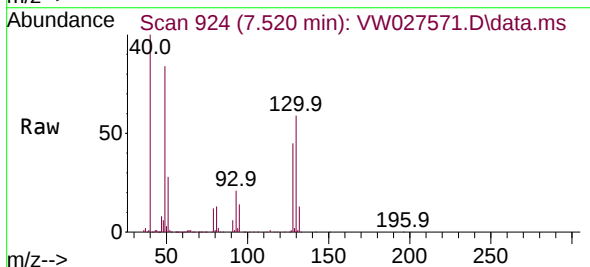
Instrument :
MSVOA_W
ClientSampleId :

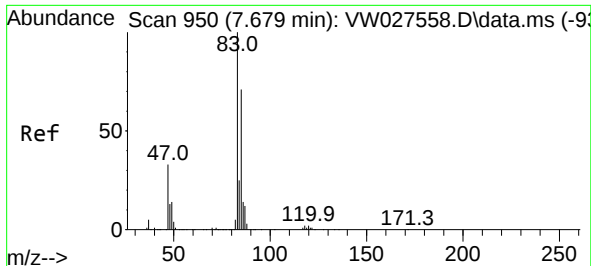
Tgt Ion: 43 Resp: 86927
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.9



#23
Bromochloromethane
Concen: 26.039 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:128 Resp: 42378
Ion Ratio Lower Upper
128 100
49 187.2 137.8 256.0
130 130.5 91.2 169.4
51 61.3 49.7 74.5

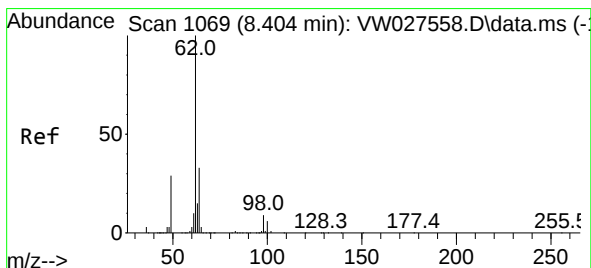
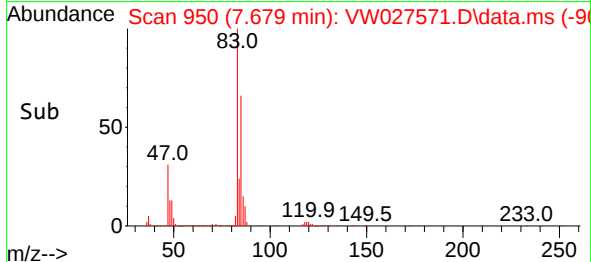
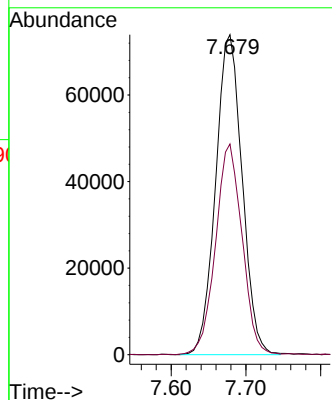
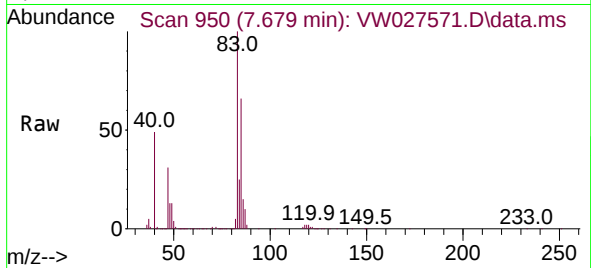




#25
Chloroform
Concen: 25.670 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

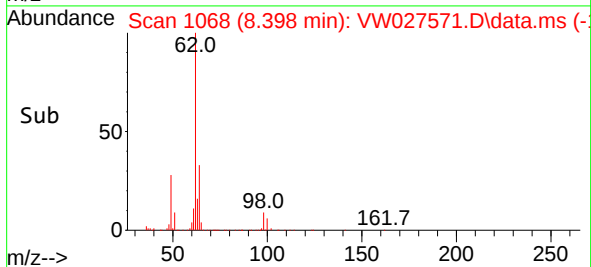
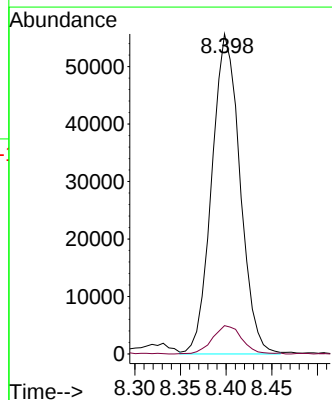
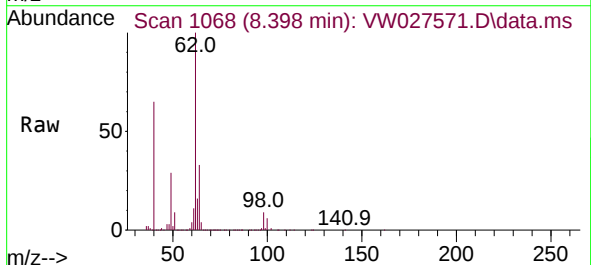
Instrument :
MSVOA_W
ClientSampleId :

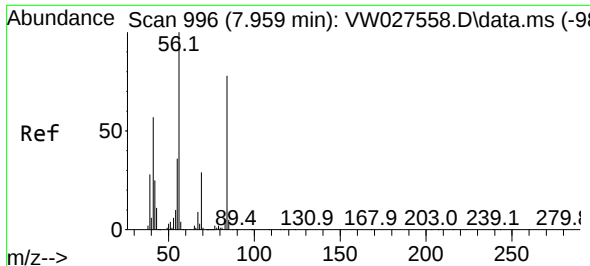
Tgt Ion: 83 Resp: 182634
Ion Ratio Lower Upper
83 100
85 65.9 49.8 92.6



#27
1,2-Dichloroethane
Concen: 26.029 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

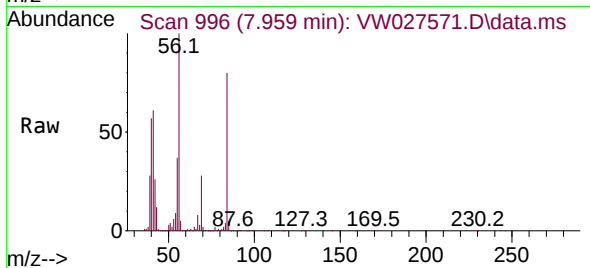
Tgt Ion: 62 Resp: 119689
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0



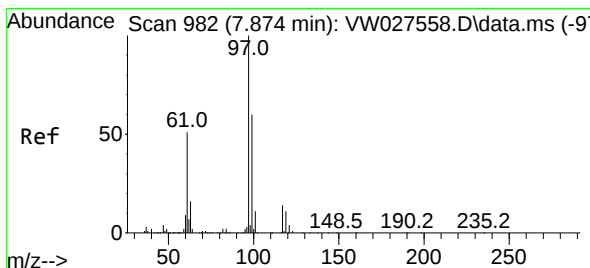
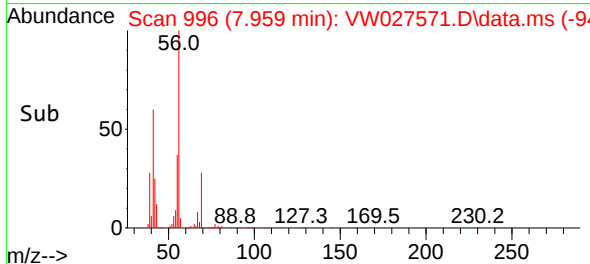
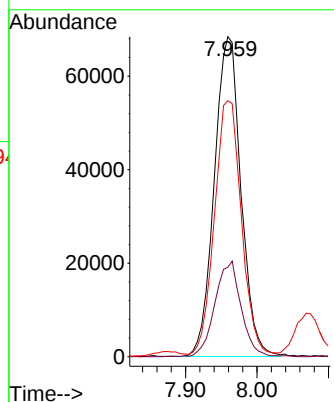


#29
Cyclohexane
Concen: 22.386 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Instrument :
MSVOA_W
ClientSampleId :

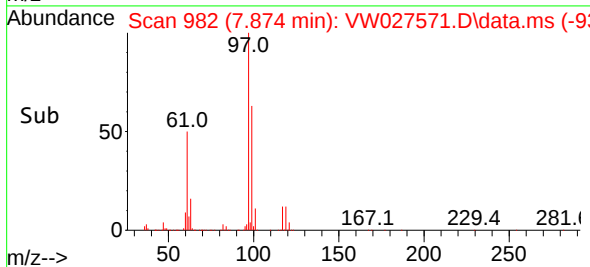
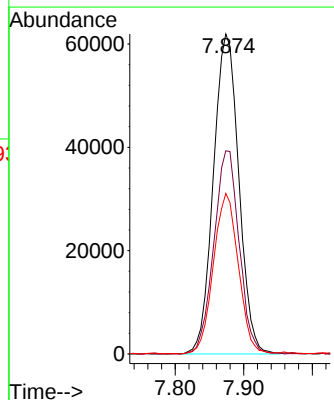
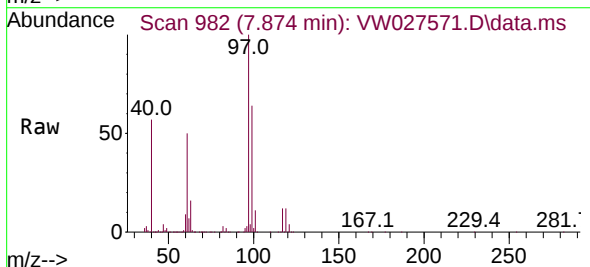


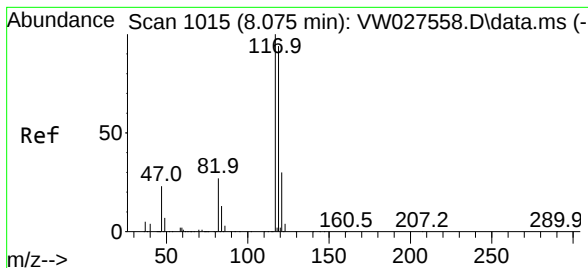
Tgt Ion: 56 Resp: 177235
Ion Ratio Lower Upper
56 100
69 29.1 24.1 36.1
84 81.2 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 23.753 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 97 Resp: 159565
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 49.3 39.0 58.4

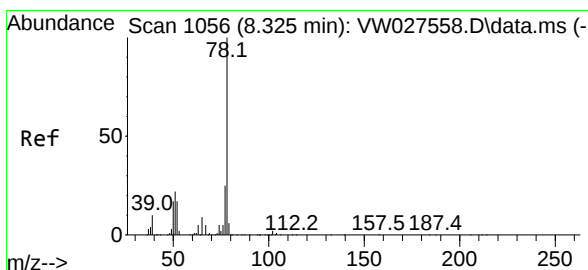
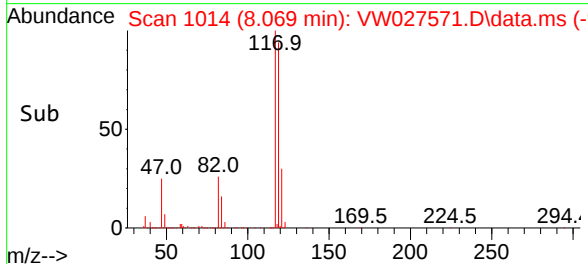
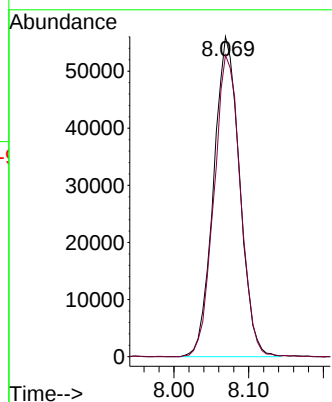
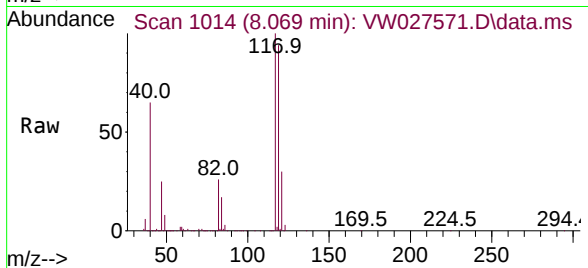




#31
Carbon tetrachloride
Concen: 23.193 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

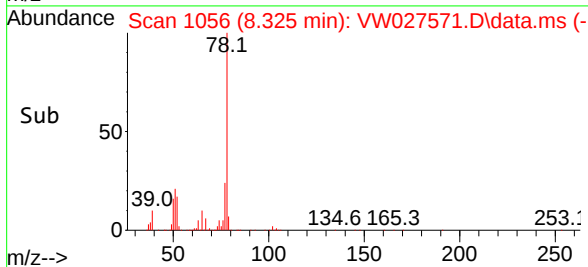
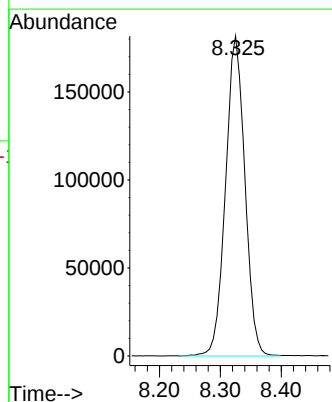
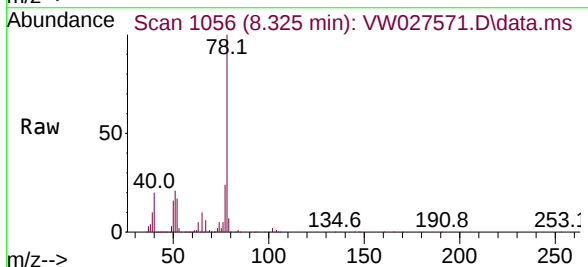
Instrument :
MSVOA_W
ClientSampleId :

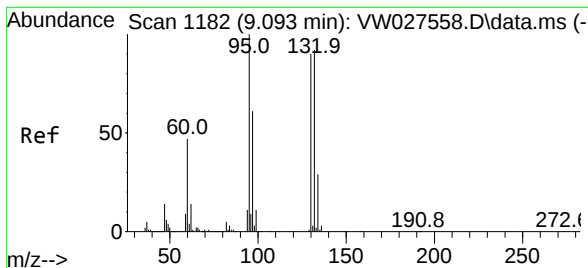
Tgt Ion:117 Resp: 135898
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#33
Benzene
Concen: 24.108 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 78 Resp: 400707





#34

Trichloroethene

Concen: 22.882 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

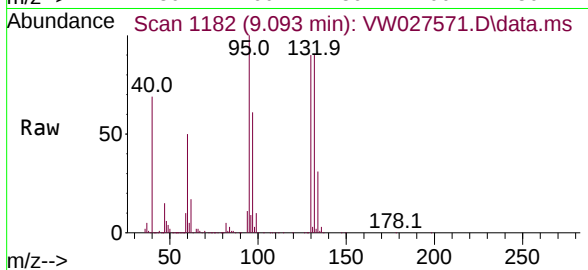
Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 103884

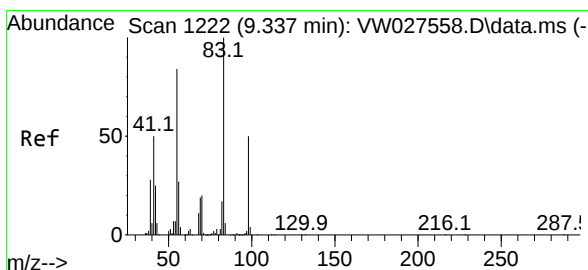
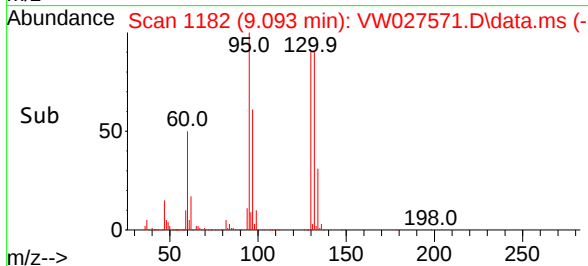
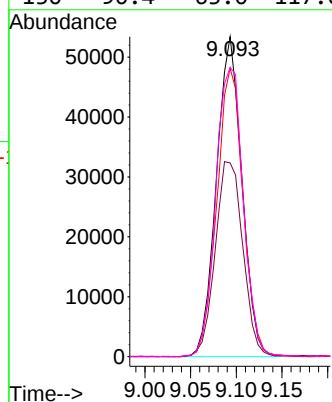
Ion Ratio Lower Upper

95 100

97 60.6 43.0 80.0

132 90.1 64.1 119.1

130 90.4 63.0 117.0



#35

Methylcyclohexane

Concen: 22.605 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

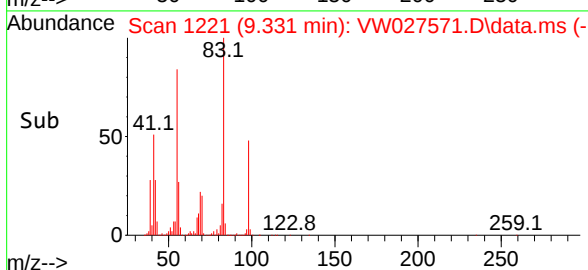
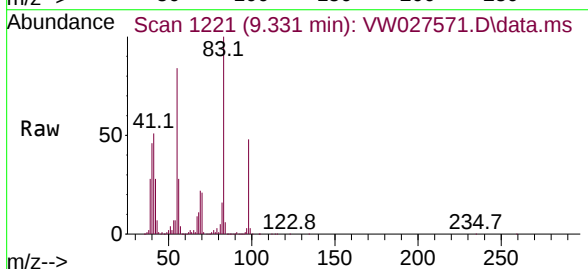
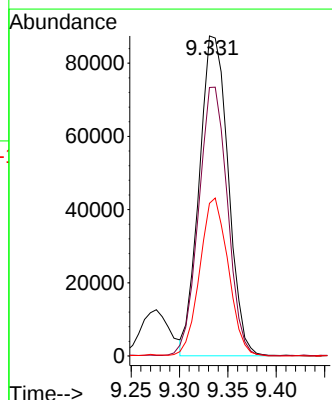
Tgt Ion: 83 Resp: 182734

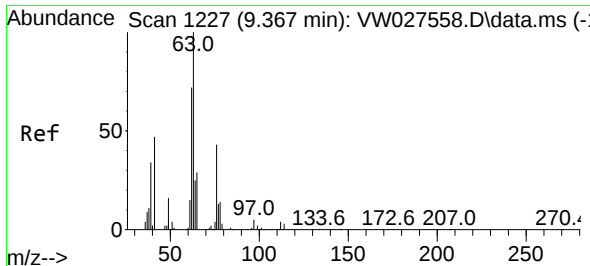
Ion Ratio Lower Upper

83 100

55 83.2 65.6 98.4

98 48.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.100 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

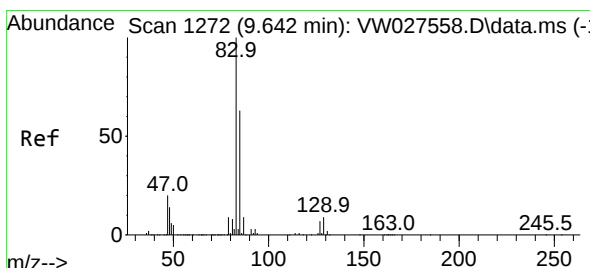
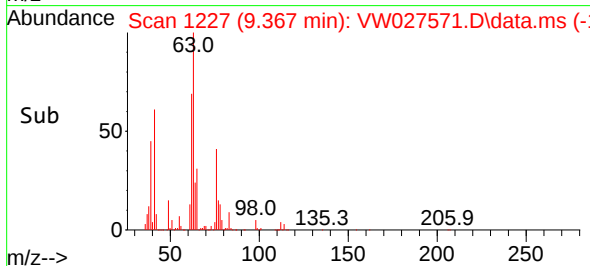
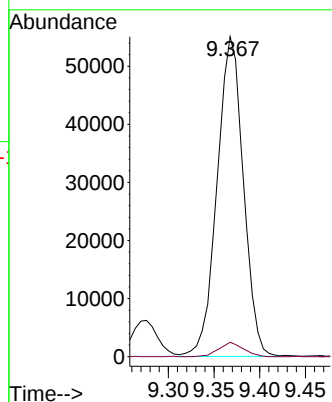
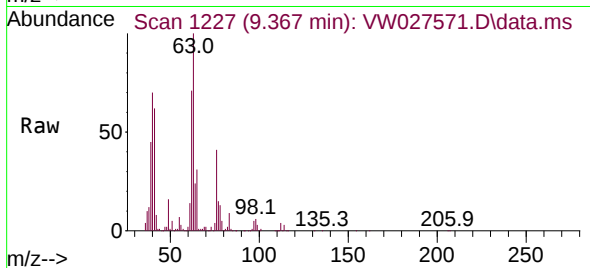
ClientSampleId :

Tgt Ion: 63 Resp: 110150

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 25.022 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

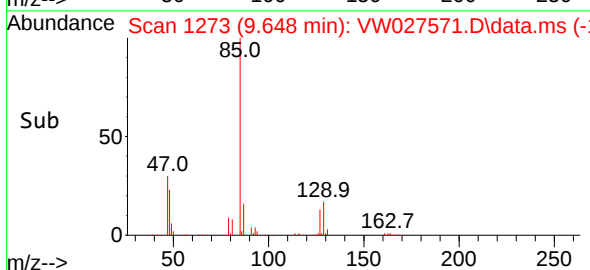
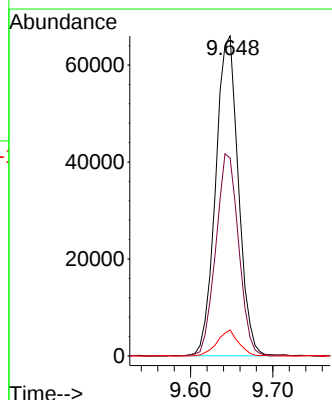
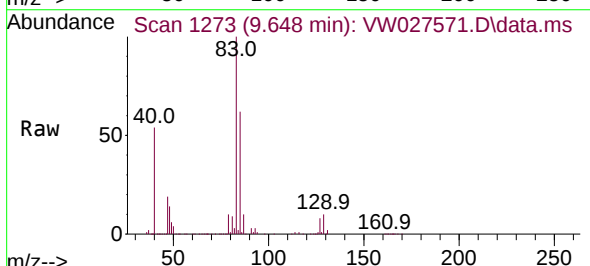
Tgt Ion: 83 Resp: 126942

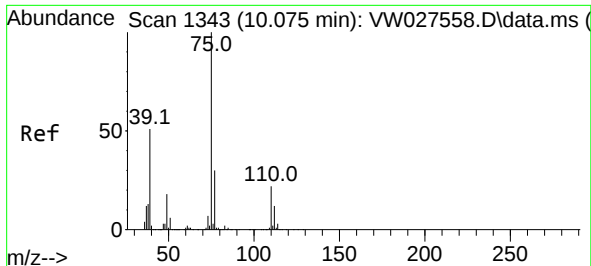
Ion Ratio Lower Upper

83 100

85 61.8 44.3 82.3

127 8.2 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 25.386 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

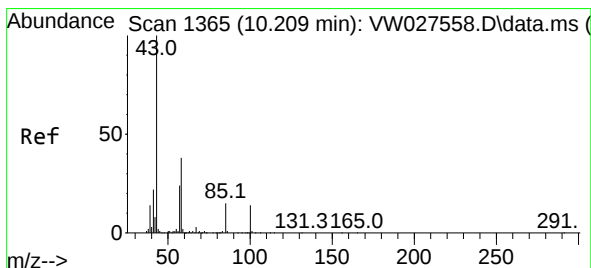
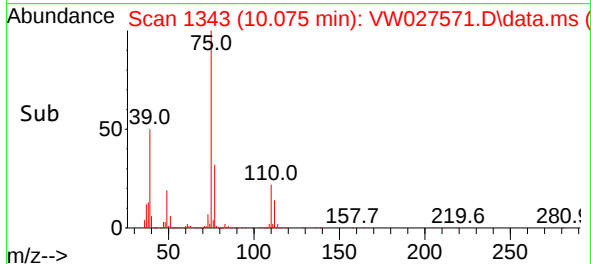
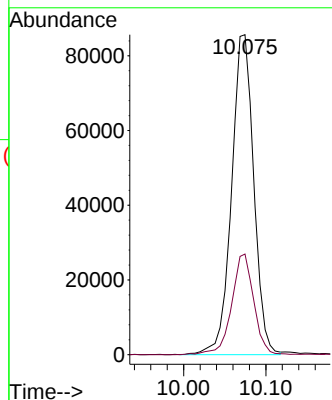
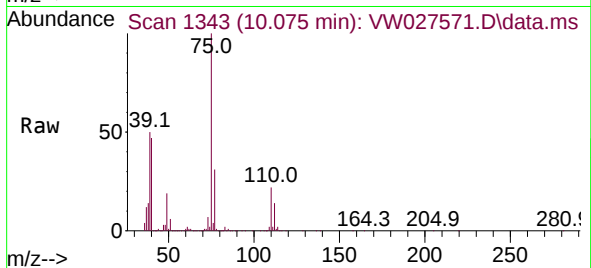
ClientSampleId :

Tgt Ion: 75 Resp: 160818

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 52.635 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

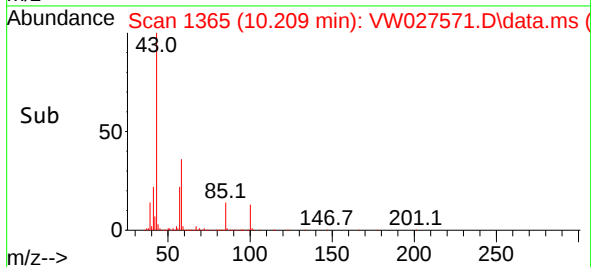
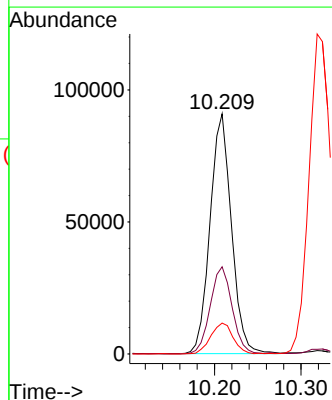
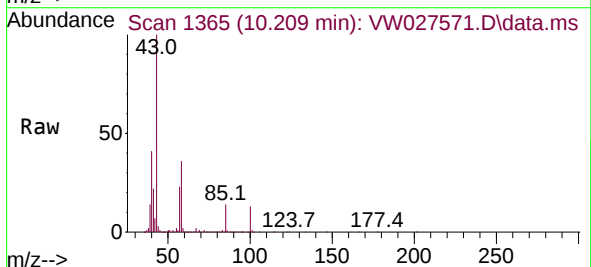
Tgt Ion: 43 Resp: 156133

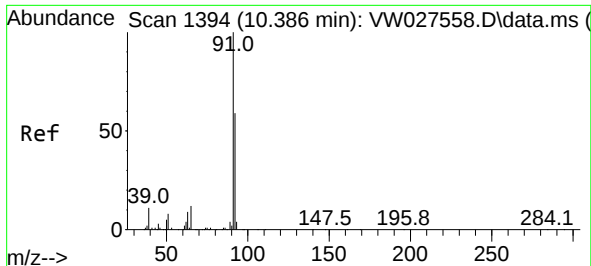
Ion Ratio Lower Upper

43 100

58 37.1 29.6 44.4

100 13.5 11.1 16.7

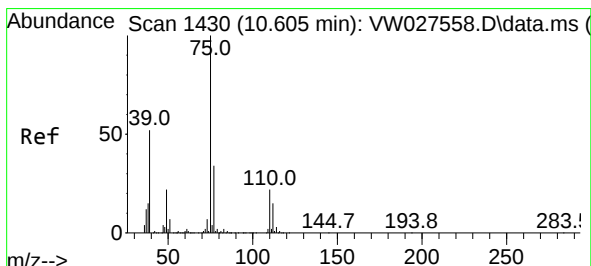
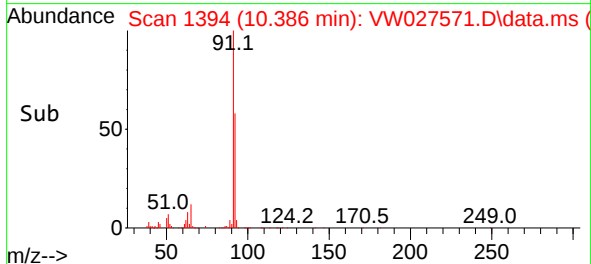
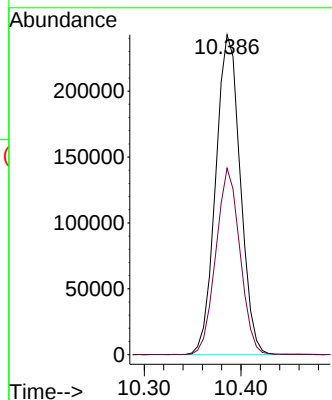
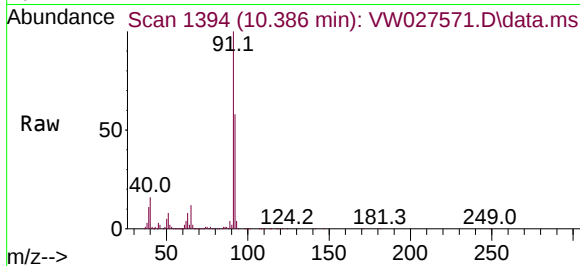




#42
Toluene
Concen: 24.411 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

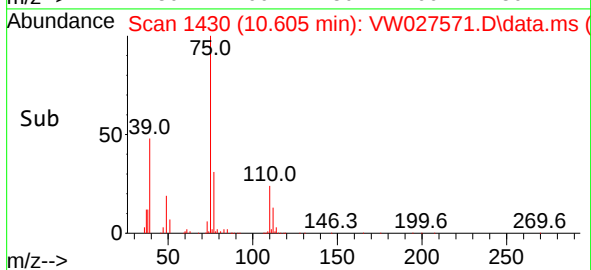
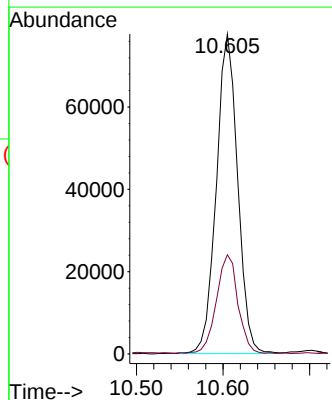
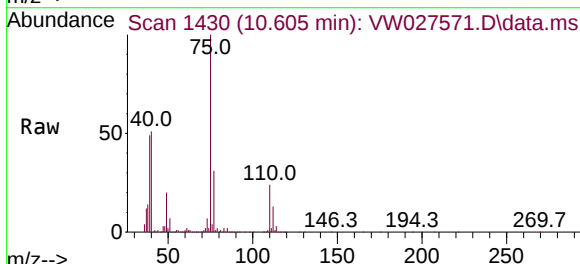
Instrument :
MSVOA_W
ClientSampleId :

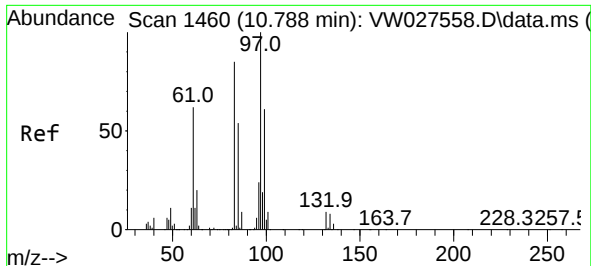
Tgt Ion: 91 Resp: 429139
Ion Ratio Lower Upper
91 100
92 58.2 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.953 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 75 Resp: 132629
Ion Ratio Lower Upper
75 100
77 31.0 23.7 44.1

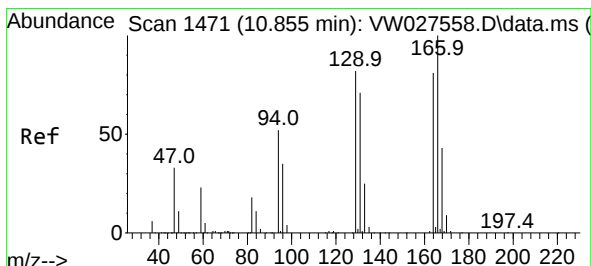
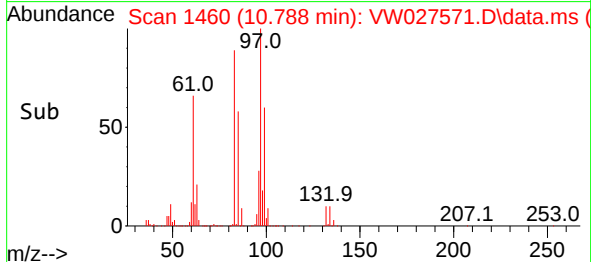
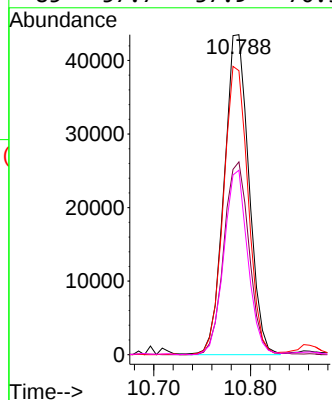
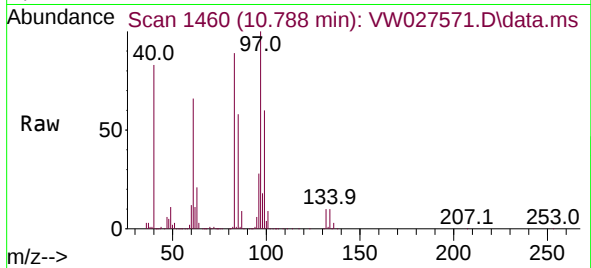




#45
1,1,2-Trichloroethane
Concen: 25.305 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

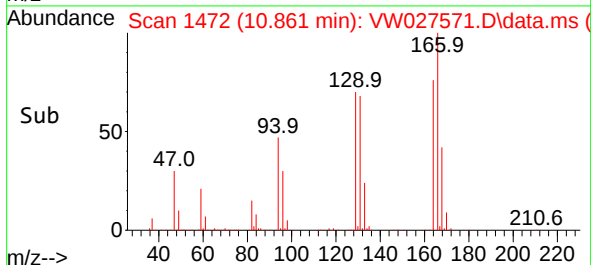
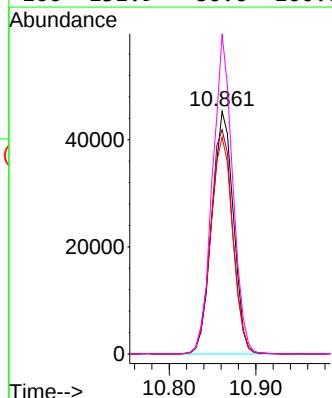
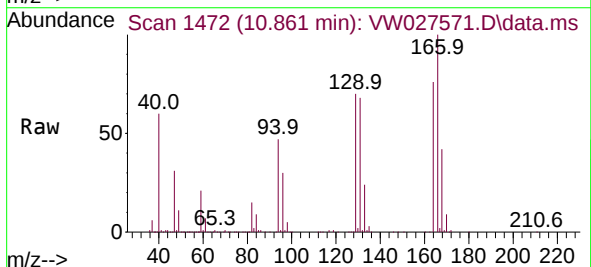
Instrument :
MSVOA_W
ClientSampleId :

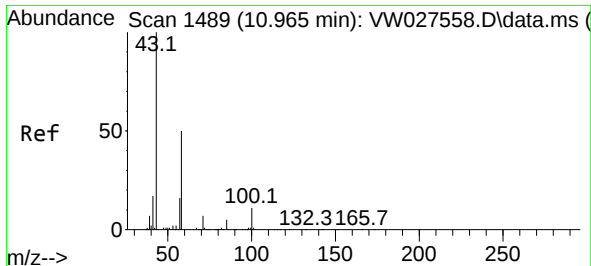
Tgt Ion: 97	Resp: 77338
Ion Ratio	Lower Upper
97 100	
99 60.3	42.8 79.4
83 88.7	59.9 111.3
85 57.7	37.9 70.5



#46
Tetrachloroethene
Concen: 24.106 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt	Ion:164	Resp:	78019
Ion	Ratio	Lower	Upper
164	100		
129	92.4	71.0	131.8
131	89.4	61.2	113.6
166	131.9	86.6	160.8



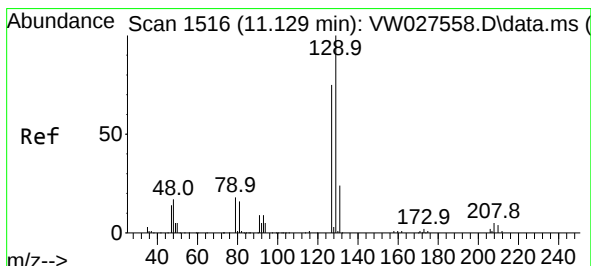
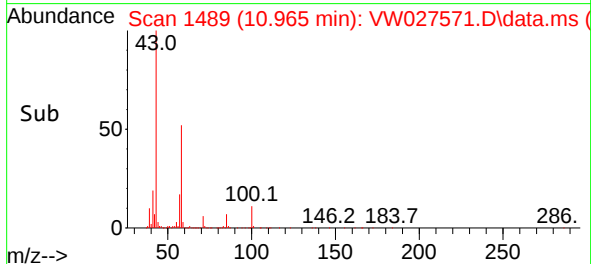
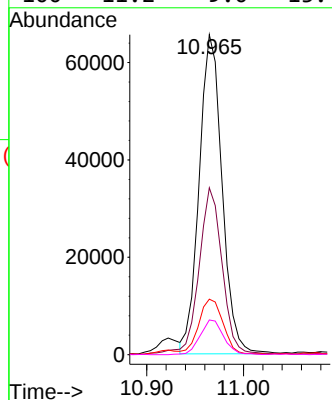
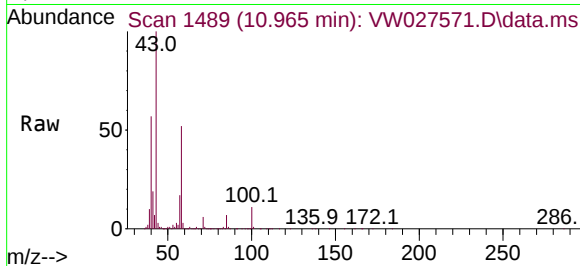


#48
2-Hexanone
Concen: 51.704 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 108090

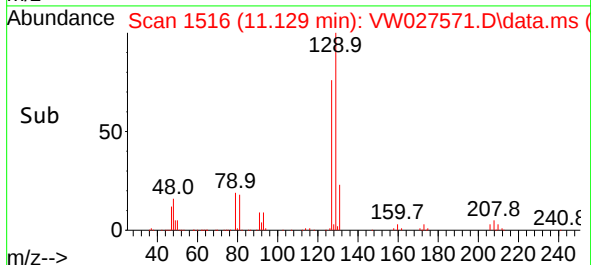
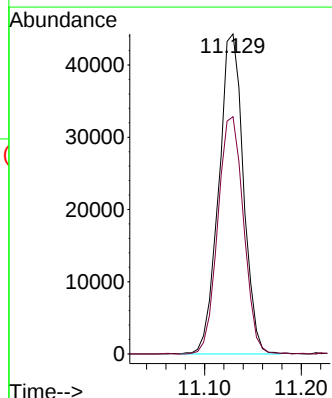
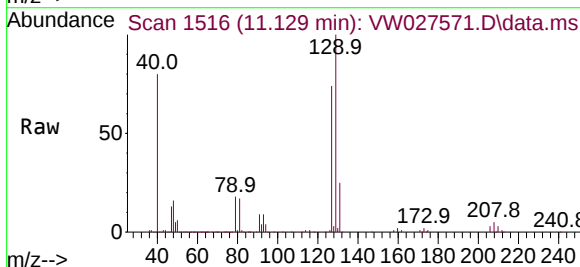
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.8	61.2
57	18.4	14.8	22.2
100	11.2	9.0	13.4

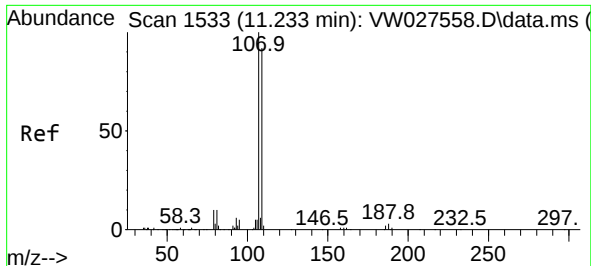


#49
Dibromochloromethane
Concen: 25.864 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 129 Resp: 78135

Ion	Ratio	Lower	Upper
129	100		
127	74.2	52.3	97.1

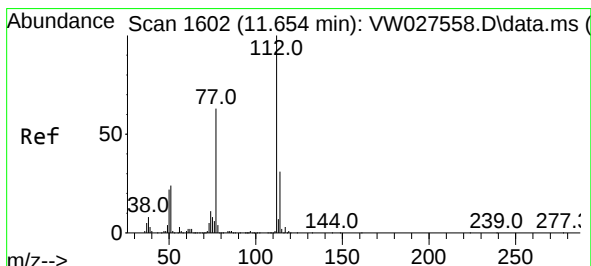
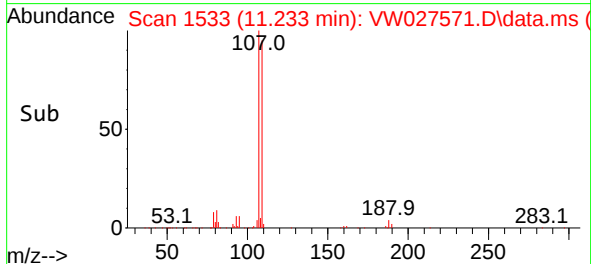
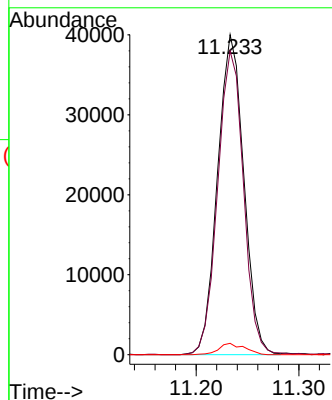
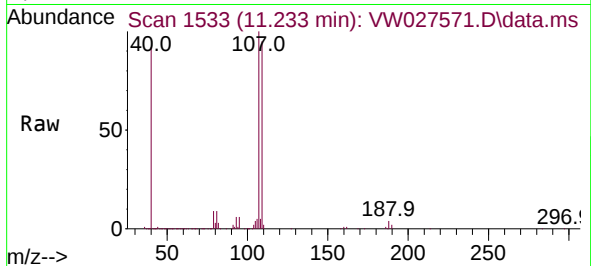




#50
1,2-Dibromoethane
Concen: 25.354 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

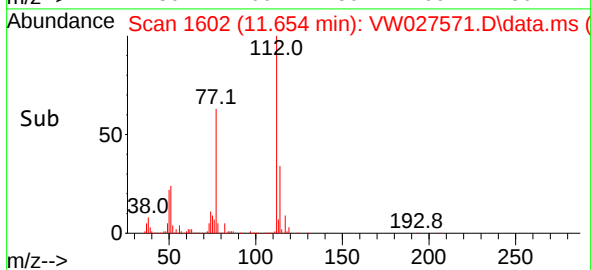
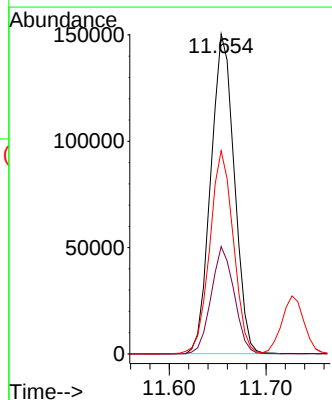
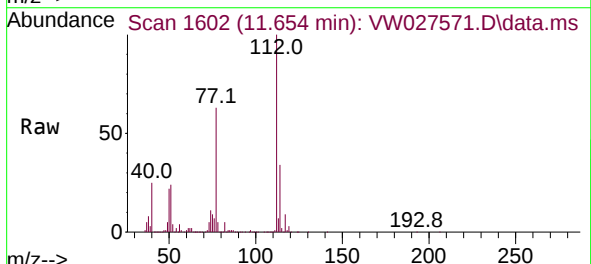
Instrument :
MSVOA_W
ClientSampleId :

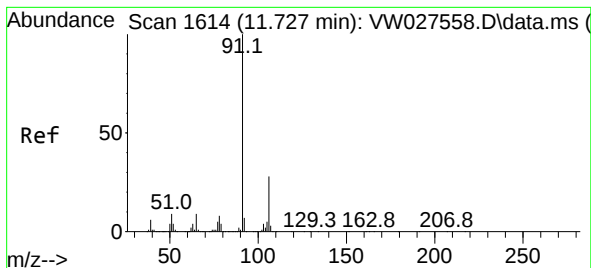
Tgt Ion:107 Resp: 70892
Ion Ratio Lower Upper
107 100
109 94.9 64.8 120.3
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 23.957 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:112 Resp: 254077
Ion Ratio Lower Upper
112 100
114 33.6 21.5 39.9
77 63.5 50.6 76.0

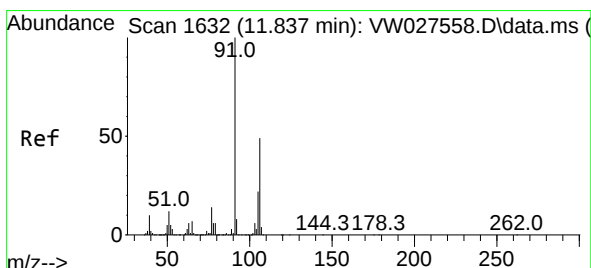
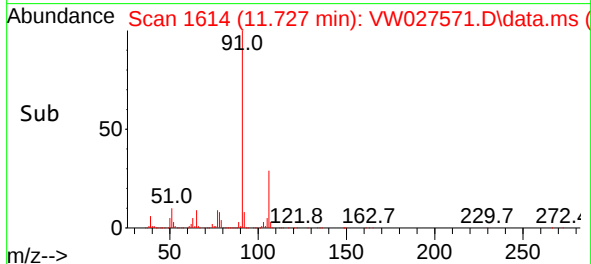
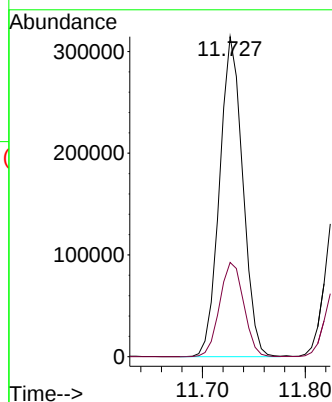
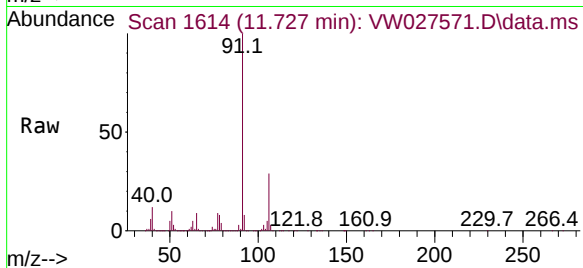




#52
Ethylbenzene
Concen: 24.694 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

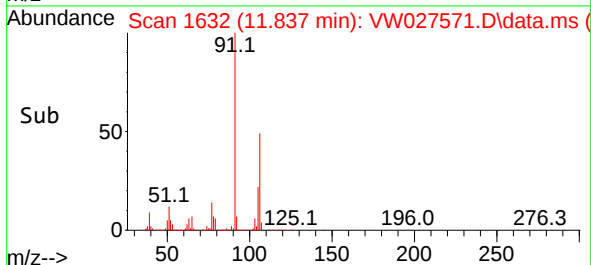
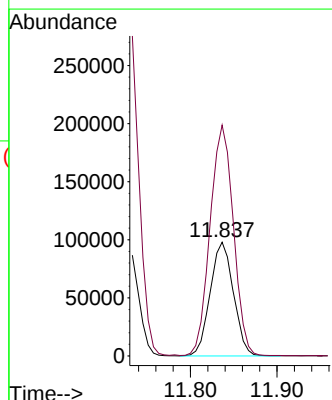
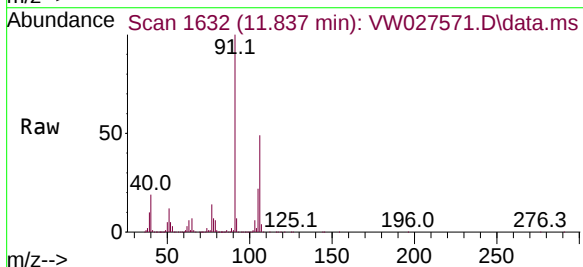
Instrument :
MSVOA_W
ClientSampleId :

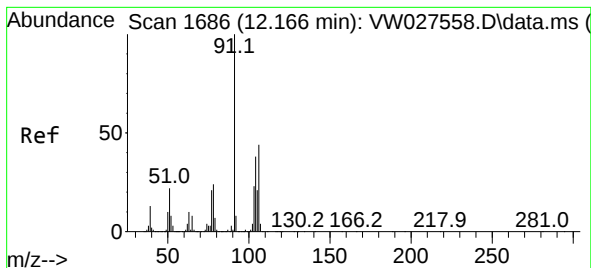
Tgt Ion: 91 Resp: 493124
Ion Ratio Lower Upper
91 100
106 29.5 19.5 36.1



#53
m,p-Xylene
Concen: 24.834 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 106 Resp: 182732
Ion Ratio Lower Upper
106 100
91 203.1 142.1 263.9

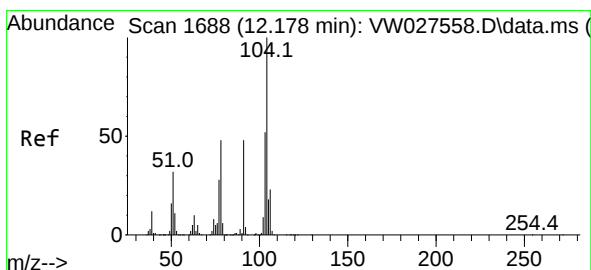
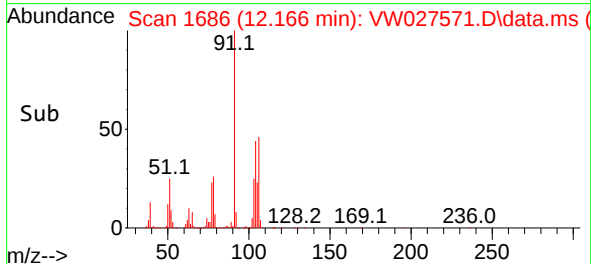
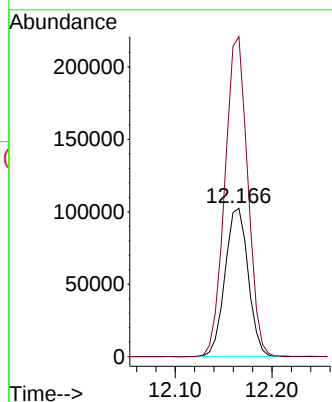
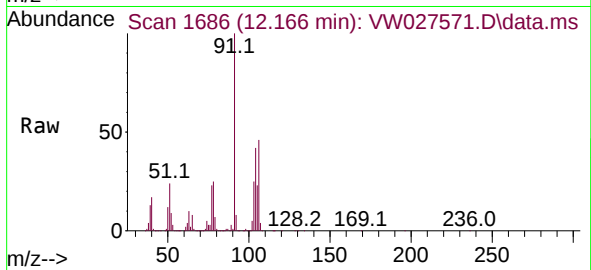




#54
o-Xylene
Concen: 25.493 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

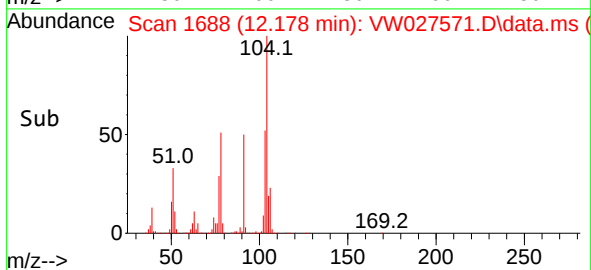
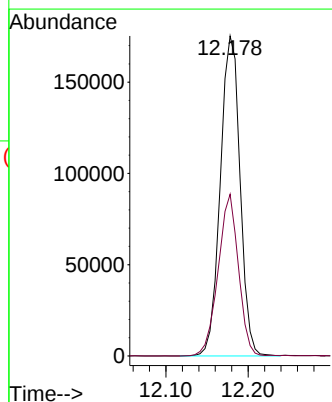
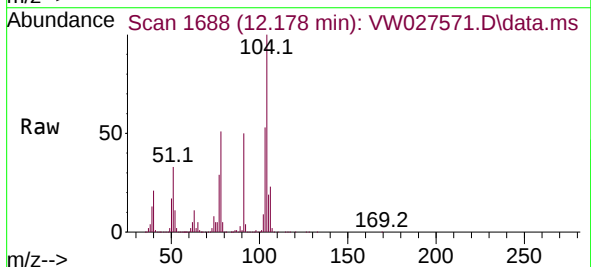
Instrument :
MSVOA_W
ClientSampleId :

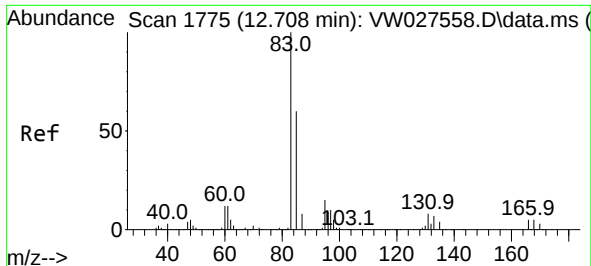
Tgt Ion:106 Resp: 170493
Ion Ratio Lower Upper
106 100
91 215.6 158.8 295.0



#55
Styrene
Concen: 25.676 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:104 Resp: 293083
Ion Ratio Lower Upper
104 100
78 50.6 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.971 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

ClientSampleId :

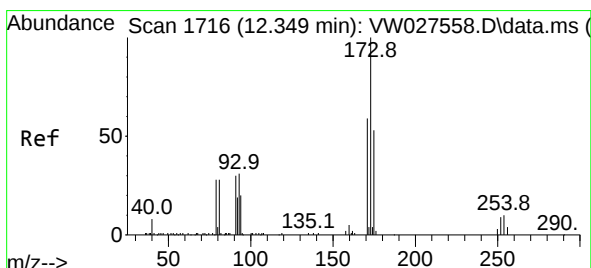
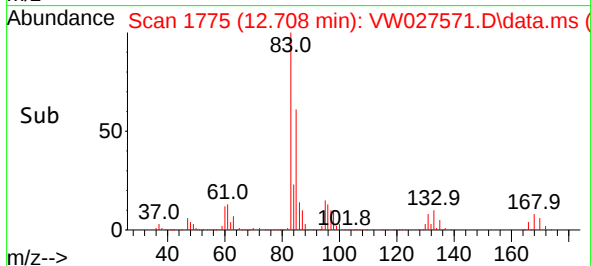
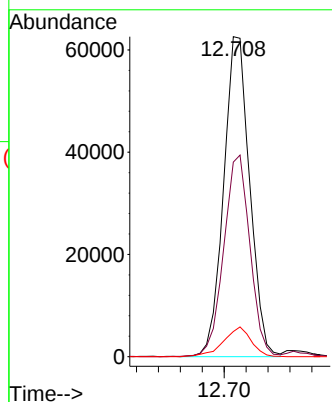
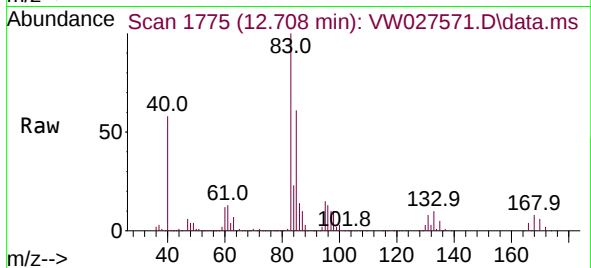
Tgt Ion: 83 Resp: 103331

Ion Ratio Lower Upper

83 100

85 60.8 41.9 77.7

131 7.9 7.0 10.6



#59

Bromoform

Concen: 26.221 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

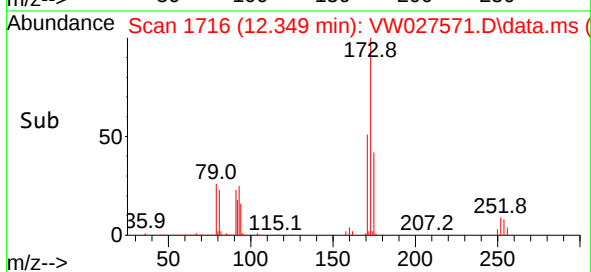
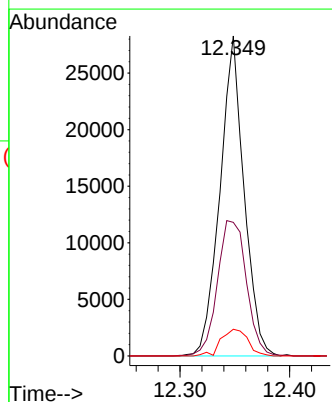
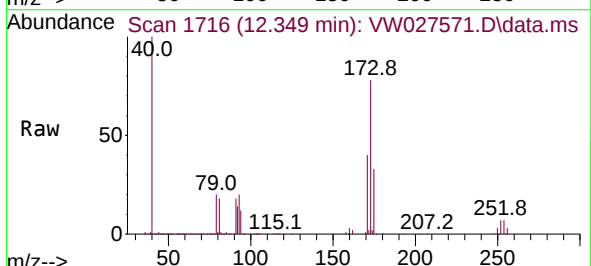
Tgt Ion:173 Resp: 43255

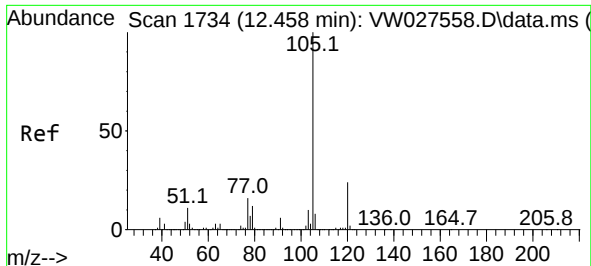
Ion Ratio Lower Upper

173 100

175 50.8 39.4 59.0

254 8.9 7.8 11.8

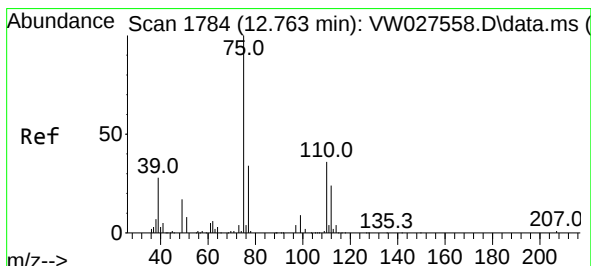
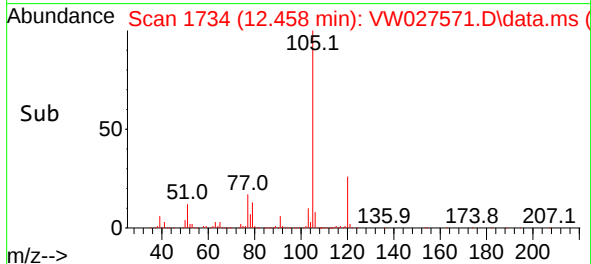
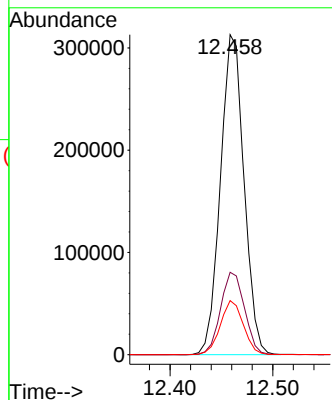
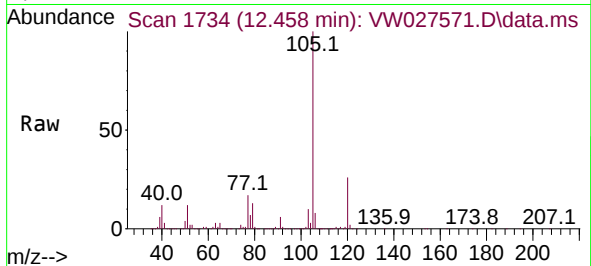




#60
Isopropylbenzene
Concen: 25.608 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

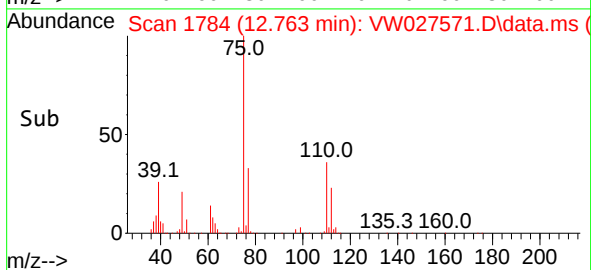
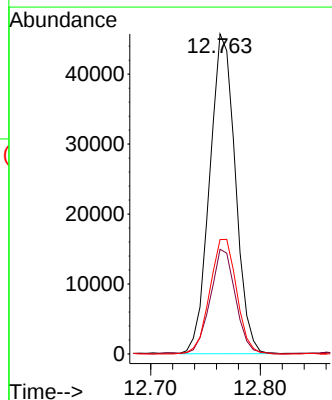
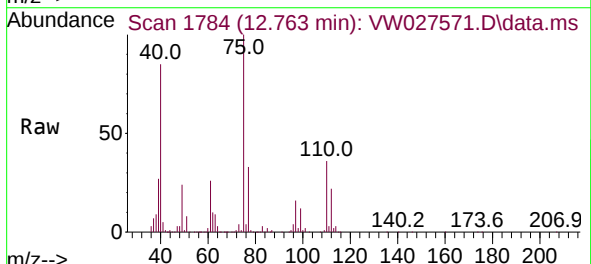
Instrument :
MSVOA_W
ClientSampleId :

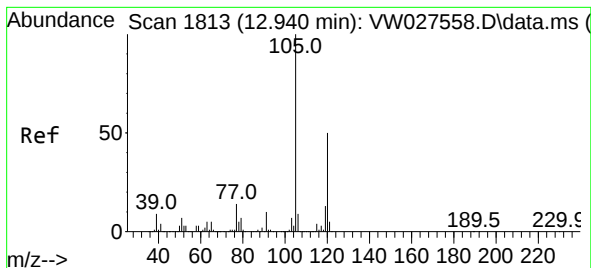
Tgt Ion:105 Resp: 497991
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 26.221 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 75 Resp: 74490
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 37.5 30.2 45.4

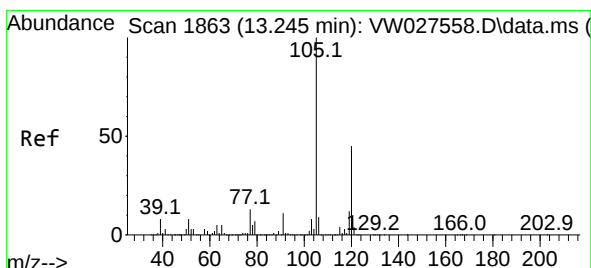
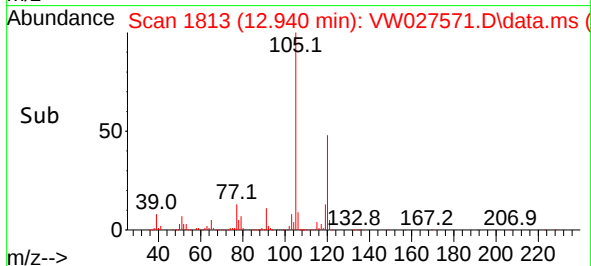
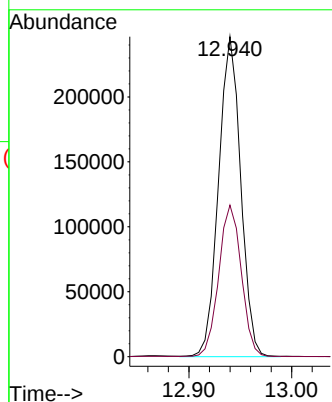
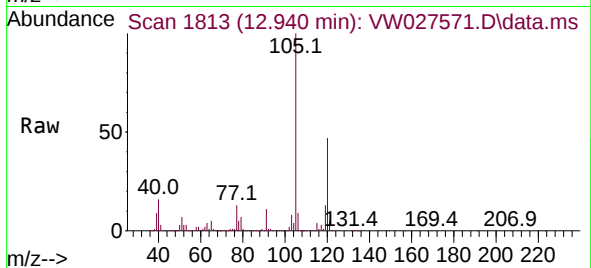




#62
1,3,5-Trimethylbenzene
Concen: 25.619 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

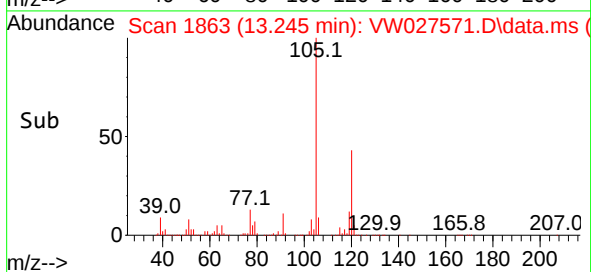
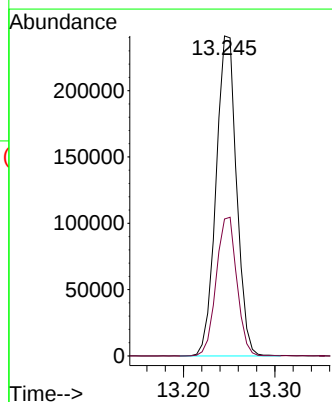
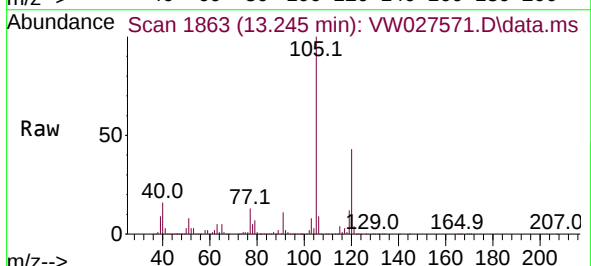
Instrument :
MSVOA_W
ClientSampleId :

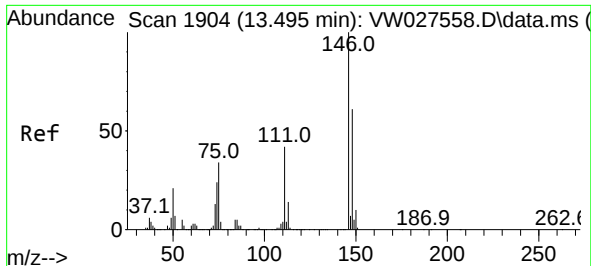
Tgt Ion:105 Resp: 368481
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 26.281 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:105 Resp: 376478
Ion Ratio Lower Upper
105 100
120 43.5 36.9 55.3

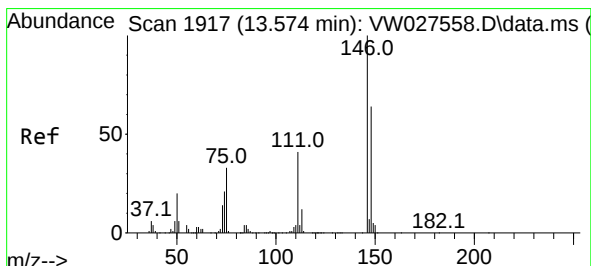
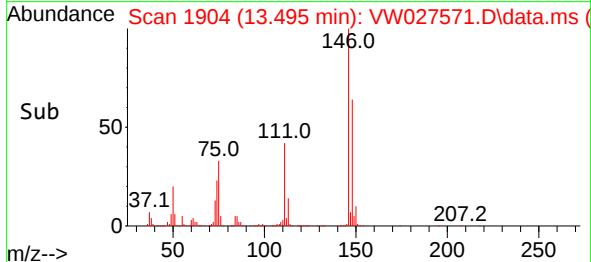
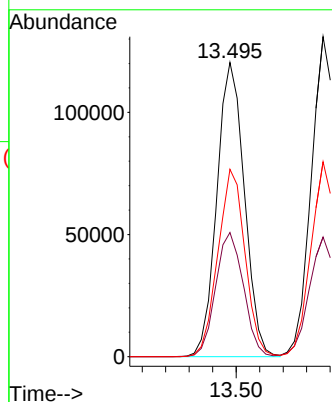
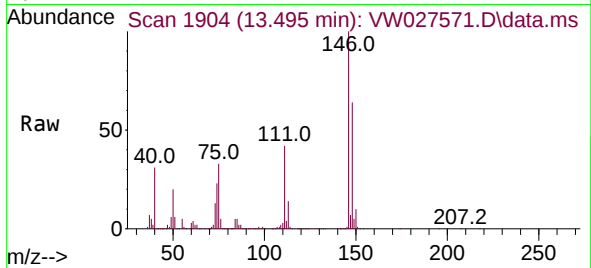




#64
1,3-Dichlorobenzene
Concen: 26.318 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

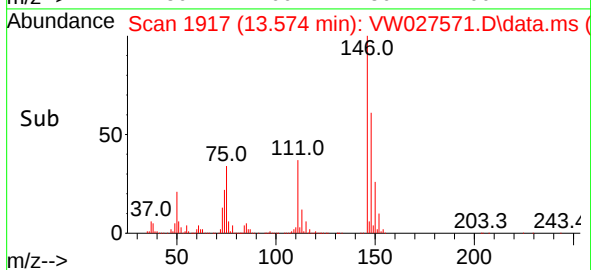
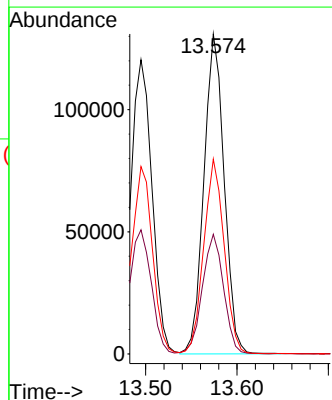
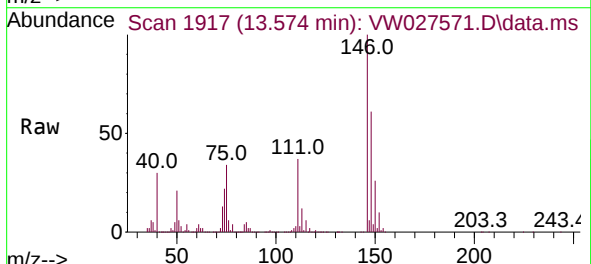
Instrument :
MSVOA_W
ClientSampleId :

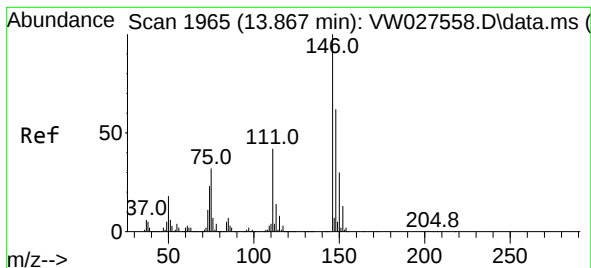
Tgt Ion:146 Resp: 196044
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.7
148 63.7 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 27.110 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:146 Resp: 201425
Ion Ratio Lower Upper
146 100
111 37.4 28.9 53.7
148 60.9 44.9 83.5

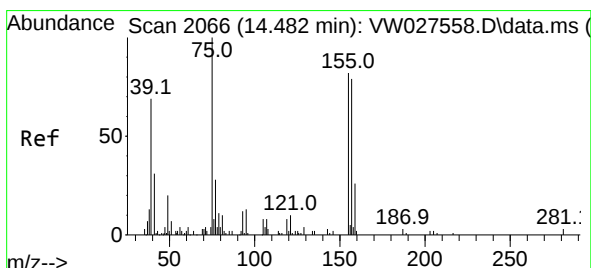
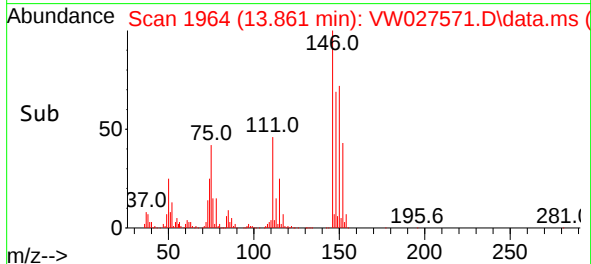
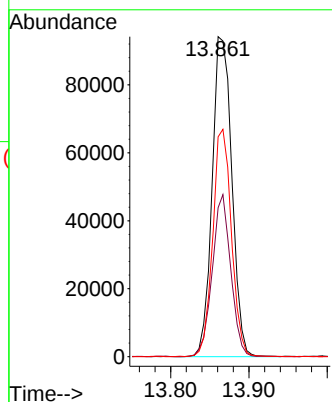
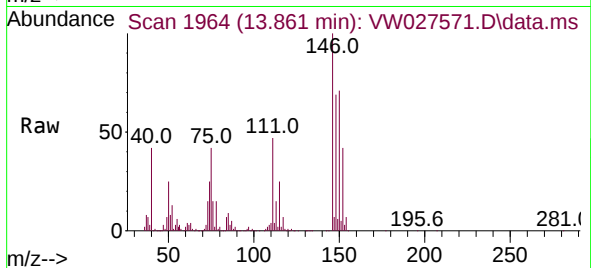




#67
1,2-Dichlorobenzene
Concen: 24.516 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

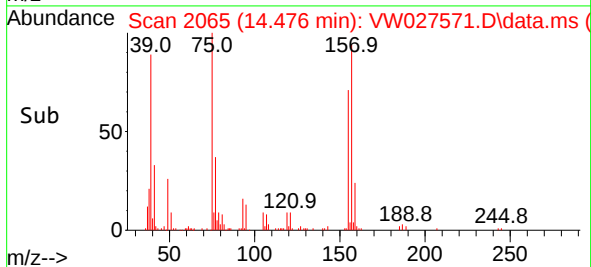
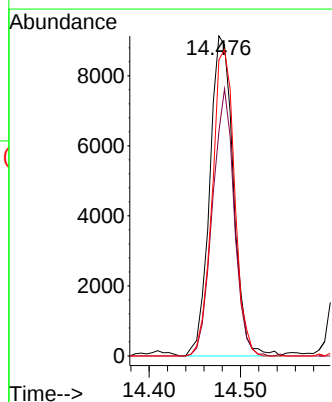
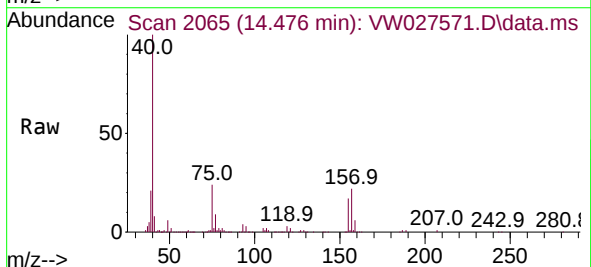
Instrument :
MSVOA_W
ClientSampleId :

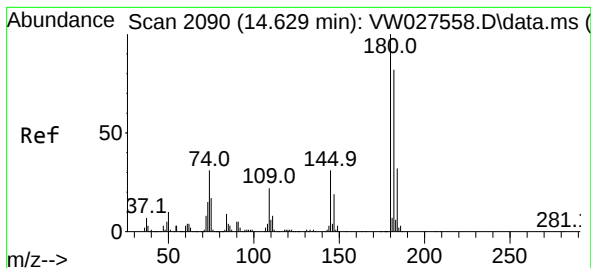
Tgt Ion:146 Resp: 164527
Ion Ratio Lower Upper
146 100
111 46.6 33.9 50.9
148 68.7 49.5 74.3



#68
1,2-Dibromo-3-chloropropane
Concen: 23.976 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion: 75 Resp: 16383
Ion Ratio Lower Upper
75 100
155 70.1 65.8 98.8
157 92.6 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 25.612 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

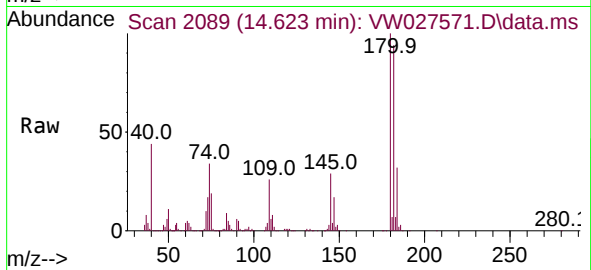
Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128291

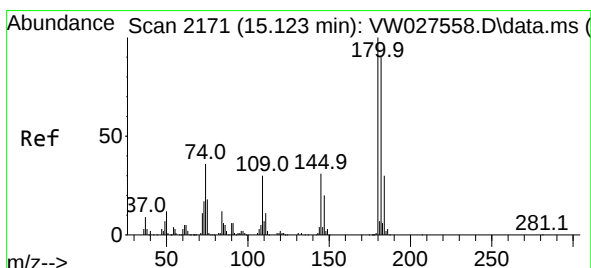
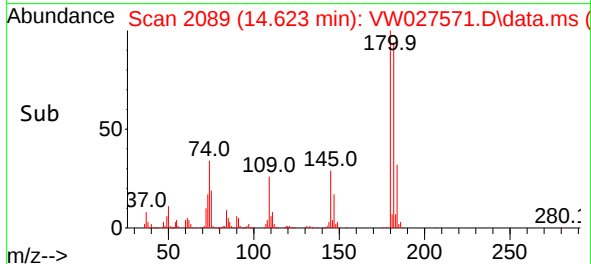
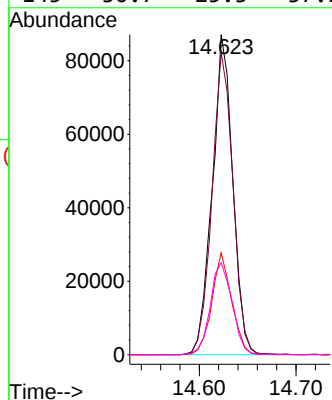
Ion Ratio Lower Upper

180 100

182 96.6 73.2 109.8

184 30.8 25.4 38.2

145 30.7 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 26.281 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW027571.D

Acq: 07 Dec 2023 09:05

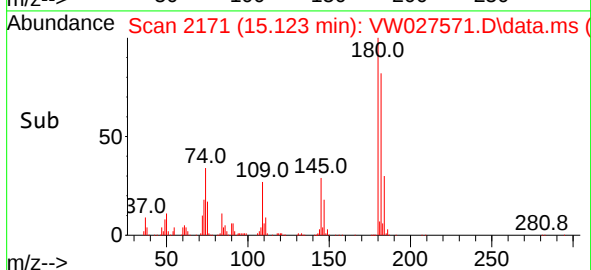
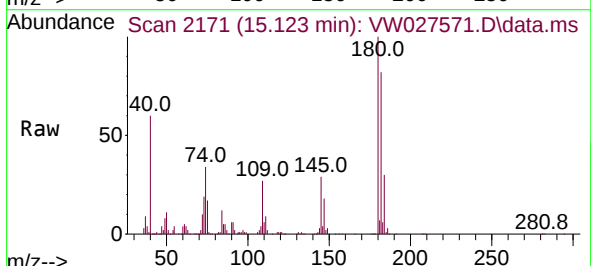
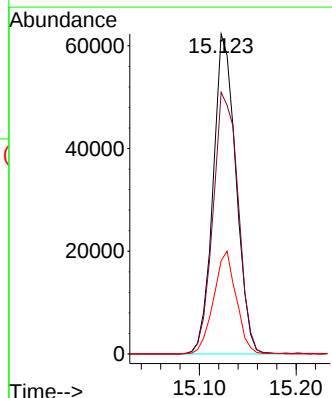
Tgt Ion:180 Resp: 102225

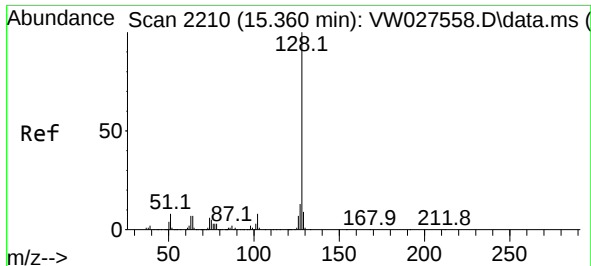
Ion Ratio Lower Upper

180 100

182 89.8 78.7 118.1

145 31.9 26.8 40.2

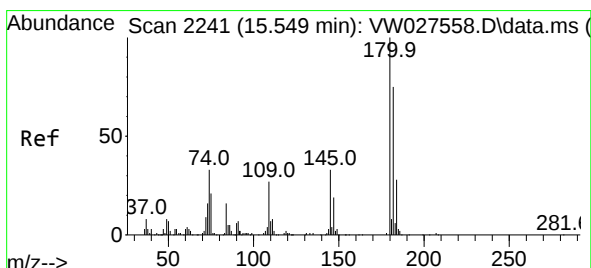
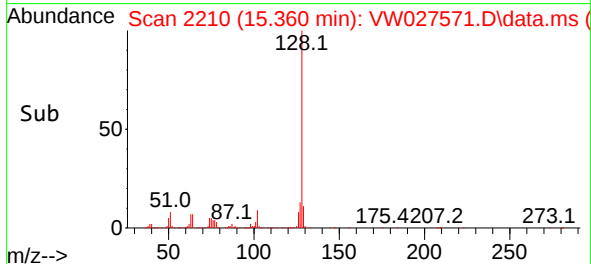
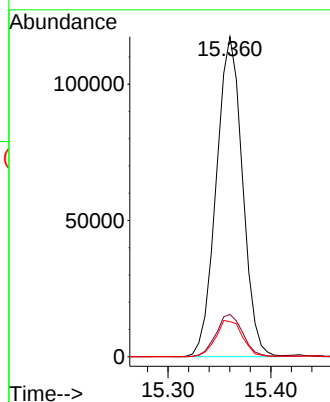
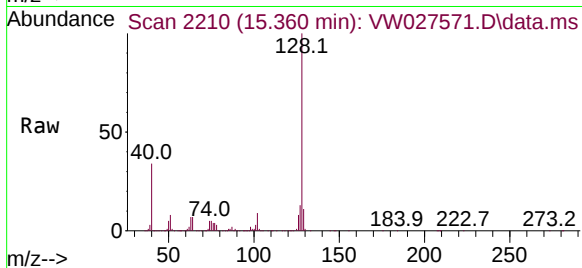




#71
Naphthalene
Concen: 25.410 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 207890
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.833 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027571.D
Acq: 07 Dec 2023 09:05

Tgt Ion:180 Resp: 86078
Ion Ratio Lower Upper
180 100
182 98.8 72.4 108.6
145 35.7 27.4 41.0

