

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110323\
 Data File : VW027535.D
 Acq On : 03 Nov 2023 15:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 00:18:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 04 00:15:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	328920	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311386	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106480	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
7) Chloroethane-d5	2.893	69	91964	25.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.040%
11) 1,1-Dichloroethene-d2	4.015	65	55543	22.082	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.320%
21) 2-Butanone-d5	7.075	46	94886	56.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.740%
24) Chloroform-d	7.648	84	253339	25.842	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	8.307	65	137221	26.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.240%
32) Benzene-d6	8.270	84	502367	23.846	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.270	67	159907	24.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.319	98	442226	23.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.575	79	58872	20.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.280%
47) 2-Hexanone-d5	10.922	63	70382	52.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	134726	28.062	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	139036	22.568	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	77400	19.777	ug/L #	80
3) Chloromethane	2.223	50	106930	23.775	ug/L	98
5) Vinyl chloride	2.375	62	125152	24.912	ug/L	95
6) Bromomethane	2.789	94	66657	23.295	ug/L	97
8) Chloroethane	2.936	64	74684	25.826	ug/L	99
9) Trichlorofluoromethane	3.265	101	93212	26.299	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115740	26.078	ug/L	96
12) 1,1-Dichloroethene	4.039	96	104124	24.141	ug/L	95
13) Acetone	4.125	43	78316	54.346	ug/L	100
14) Carbon disulfide	4.393	76	260495	19.482	ug/L	100
15) Methyl Acetate	4.673	43	70090	28.477	ug/L	100
16) Methylene chloride	4.917	84	124245	20.636	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	112057	24.174	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	207444	25.939	ug/L	98
19) 1,1-Dichloroethane	6.216	63	253423	26.796	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	136243	26.027	ug/L	98
22) 2-Butanone	7.167	43	106049	49.165	ug/L	98
23) Bromochloromethane	7.514	128	54960	25.430	ug/L	89
25) Chloroform	7.673	83	245861	27.776	ug/L	98

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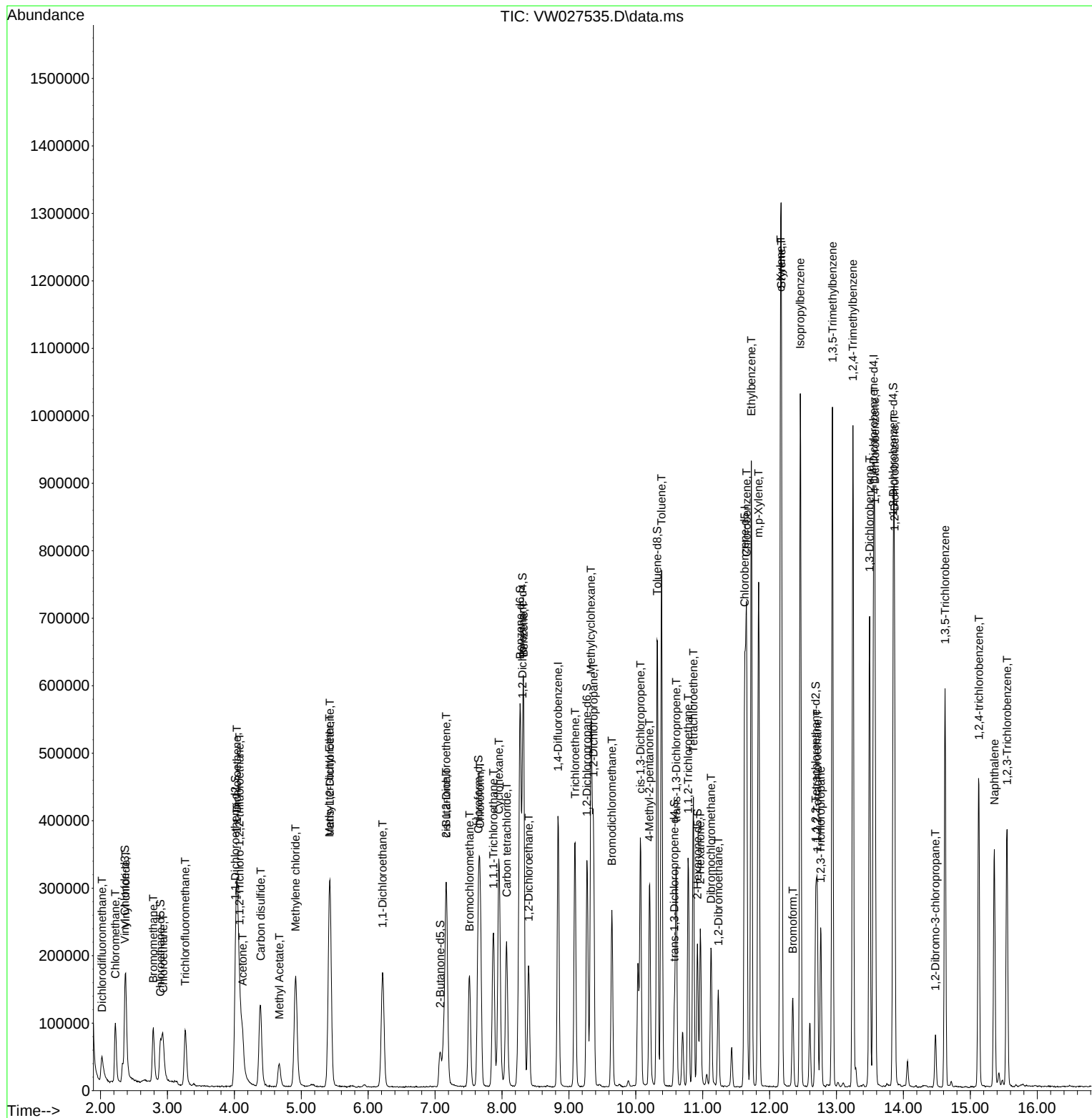
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27) 1,2-Dichloroethane	8.398	62	163646	27.217	ug/L	98
29) Cyclohexane	7.953	56	204560	21.636	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	189243	24.914	ug/L	98
31) Carbon tetrachloride	8.069	117	161856	23.632	ug/L	98
33) Benzene	8.325	78	518514	25.480	ug/L	100
34) Trichloroethene	9.093	95	131810	24.521	ug/L	96
35) Methylcyclohexane	9.331	83	214391	22.302	ug/L	100
37) 1,2-Dichloropropane	9.368	63	147294	26.769	ug/L	100
38) Bromodichloromethane	9.642	83	174620	25.808	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	215318	23.689	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	214723	56.743	ug/L	98
42) Toluene	10.386	91	543128	25.441	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	176918	23.068	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	104223	27.525	ug/L	96
46) Tetrachloroethene	10.861	164	88806	23.926	ug/L	98
48) 2-Hexanone	10.965	43	147752	52.754	ug/L	98
49) Dibromochloromethane	11.123	129	105300	25.041	ug/L	99
50) 1,2-Dibromoethane	11.233	107	94213	25.663	ug/L	97
51) Chlorobenzene	11.654	112	344162	25.745	ug/L	96
52) Ethylbenzene	11.727	91	630723	25.425	ug/L	97
53) m,p-Xylene	11.837	106	232780	24.739	ug/L	95
54) o-Xylene	12.166	106	226881	25.180	ug/L	96
55) Styrene	12.178	104	394599	25.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	135469	29.308	ug/L	97
59) Bromoform	12.349	173	57965	22.914	ug/L	98
60) Isopropylbenzene	12.458	105	644435	24.130	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	97514	26.270	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	513777	23.063	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	507938	23.304	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	264386	24.412	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	261606	24.188	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	232086	24.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20097	21.663	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	163912	23.314	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	138052	23.071	ug/L	97
71) Naphthalene	15.360	128	287641	23.375	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121526	24.698	ug/L	91

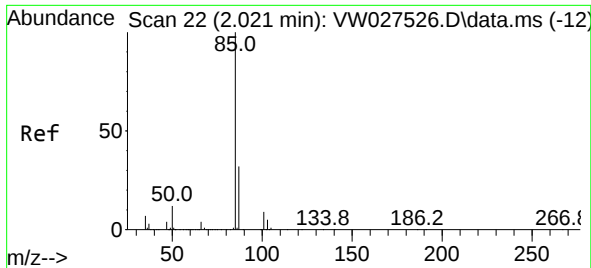
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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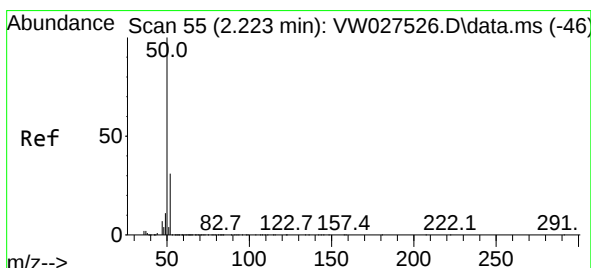
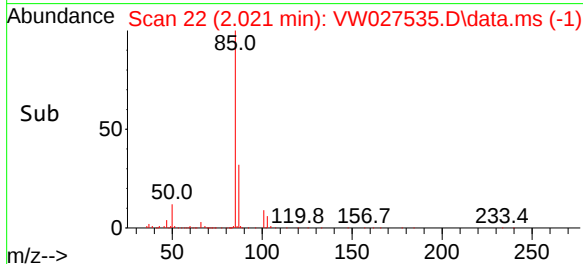
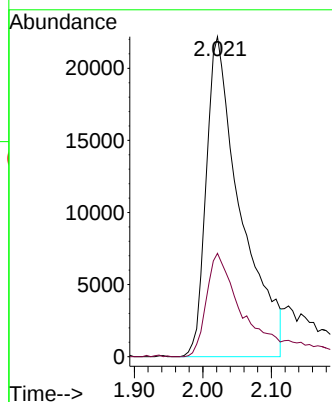
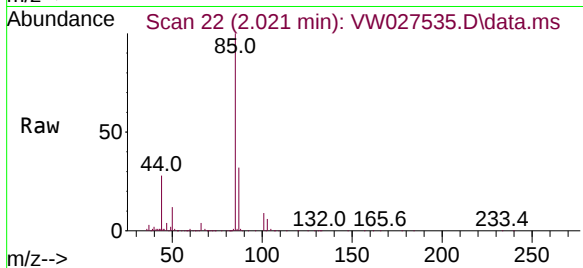




#2
 Dichlorodifluoromethane
 Concen: 19.777 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

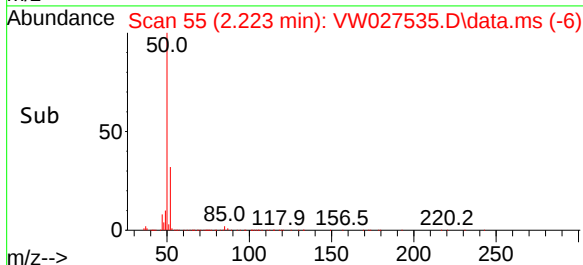
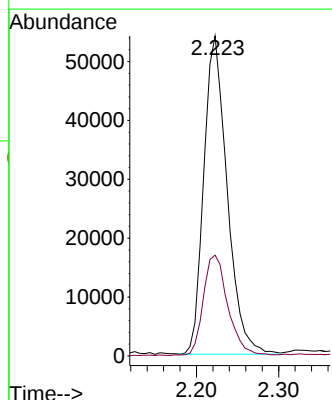
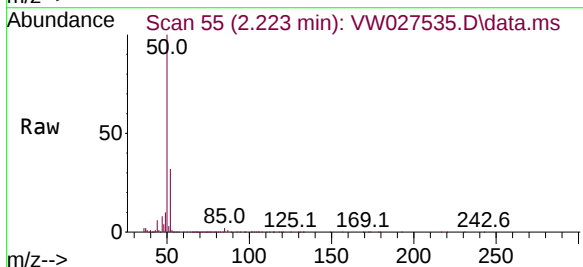
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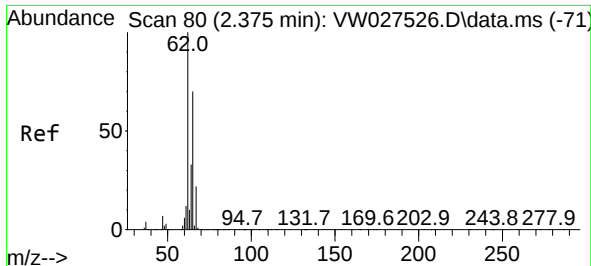
Tgt Ion: 85 Resp: 77400
 Ion Ratio Lower Upper
 85 100
 87 32.7 18.3 27.5#



#3
 Chloromethane
 Concen: 23.775 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

Tgt Ion: 50 Resp: 106930
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.3

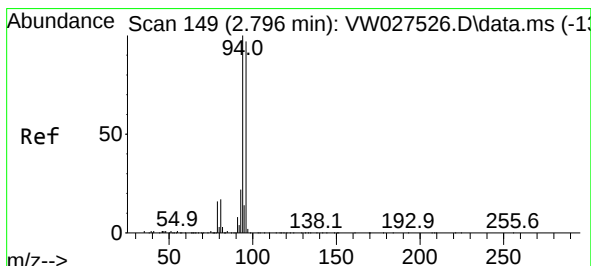
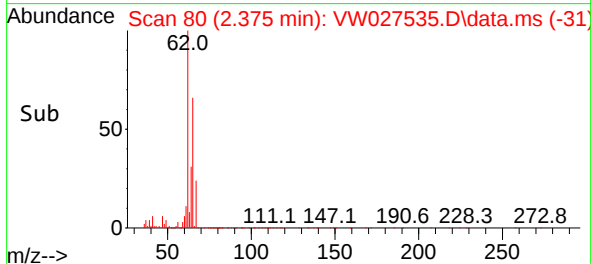
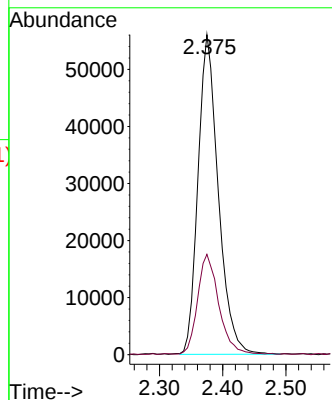
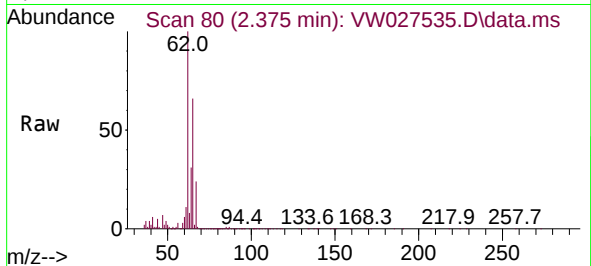




#5
 Vinyl chloride
 Concen: 24.912 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

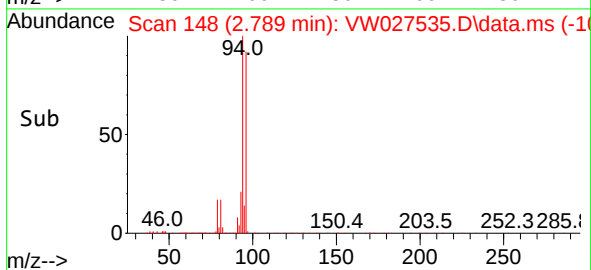
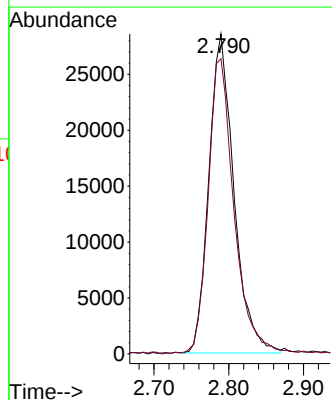
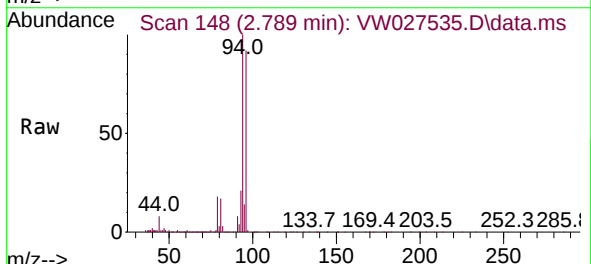
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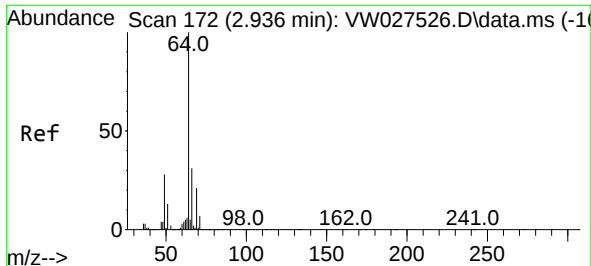
Tgt Ion: 62 Resp: 125152
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.8 44.2



#6
 Bromomethane
 Concen: 23.295 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

Tgt Ion: 94 Resp: 66657
 Ion Ratio Lower Upper
 94 100
 96 92.3 62.9 116.9

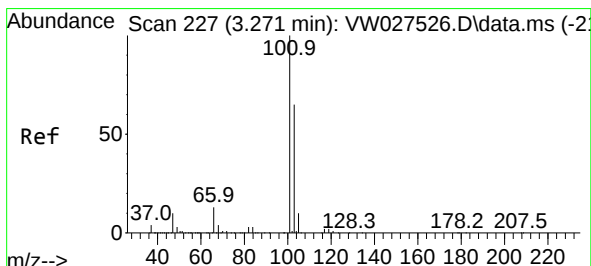
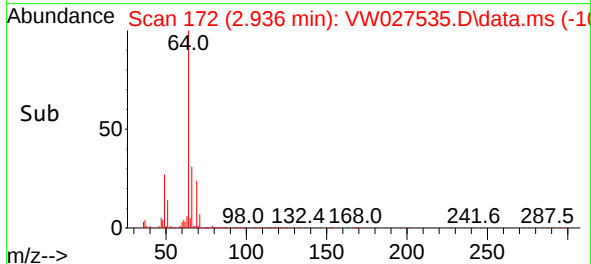
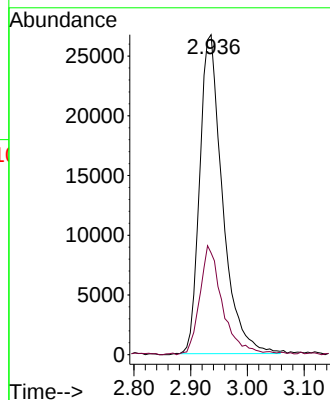
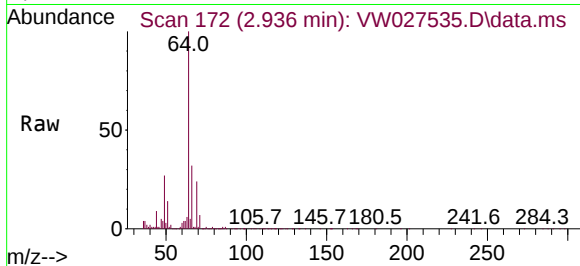




#8
Chloroethane
Concen: 25.826 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

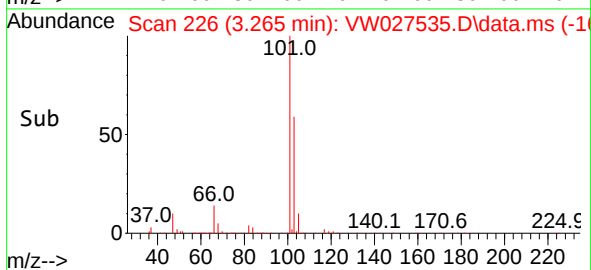
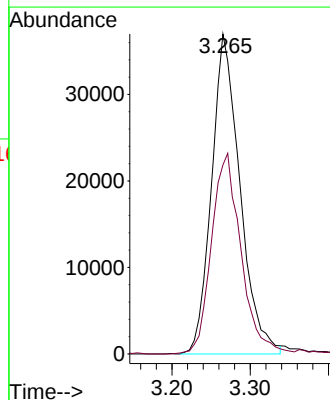
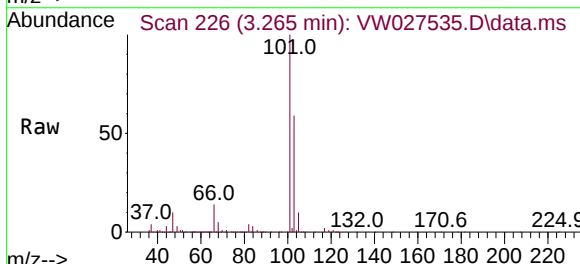
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MSVOA_W
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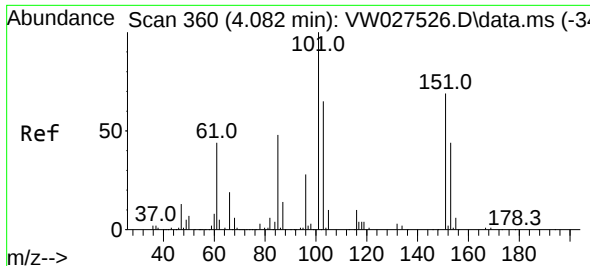
Tgt Ion: 64 Resp: 74684
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.299 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 101 Resp: 93212
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

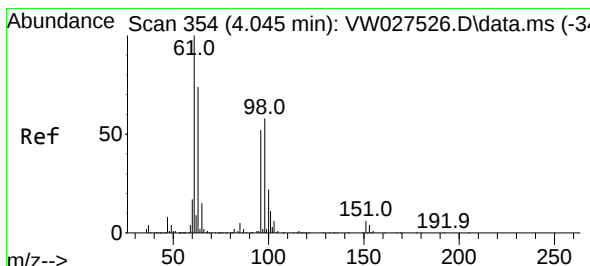
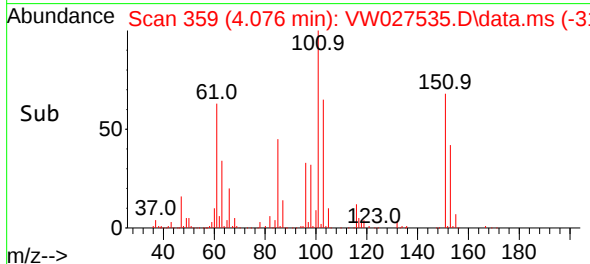
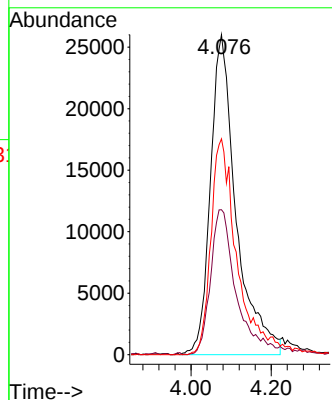
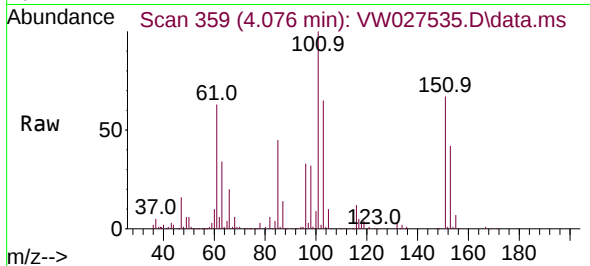




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.078 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

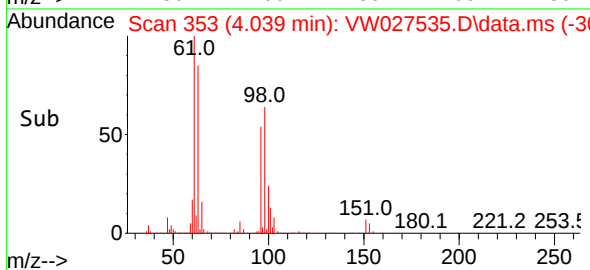
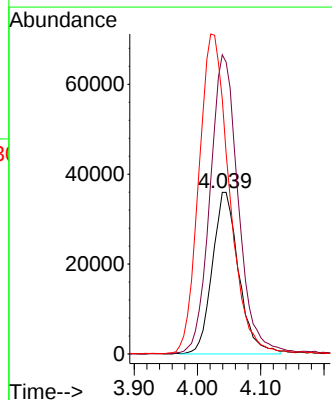
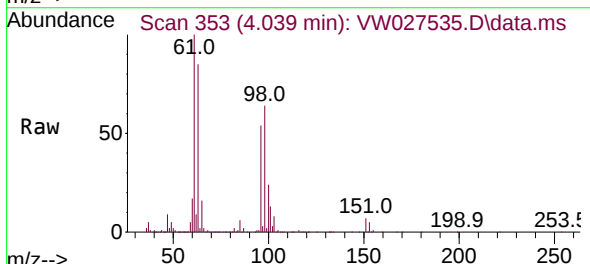
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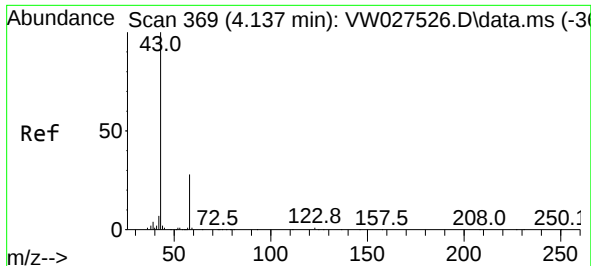
Tgt Ion:101 Resp: 115740
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.1 51.1
 151 66.0 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 24.141 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027535.D
 Acq: 03 Nov 2023 15:02

Tgt Ion: 96 Resp: 104124
 Ion Ratio Lower Upper
 96 100
 61 185.3 133.3 247.5
 63 157.8 115.8 215.2

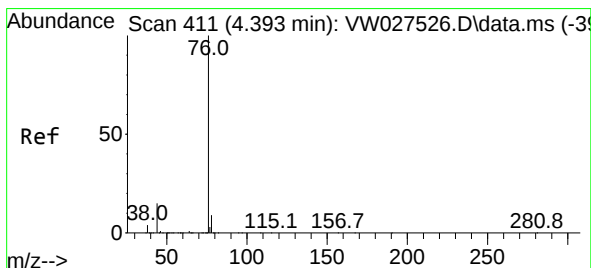
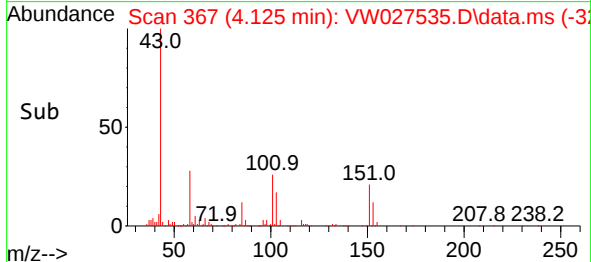
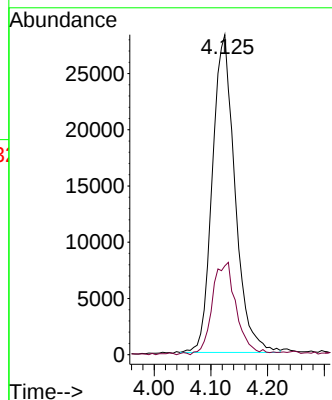
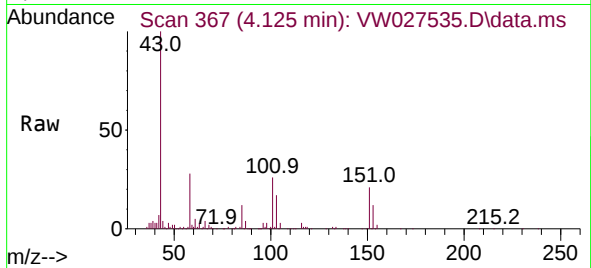




#13
Acetone
Concen: 54.346 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.012 min
Lab File: VW027535.D
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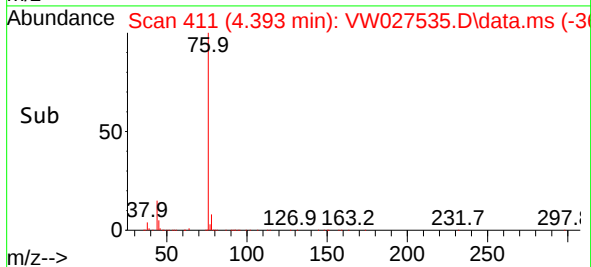
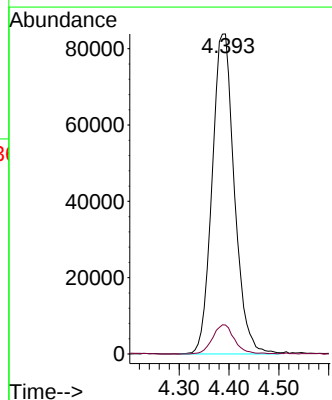
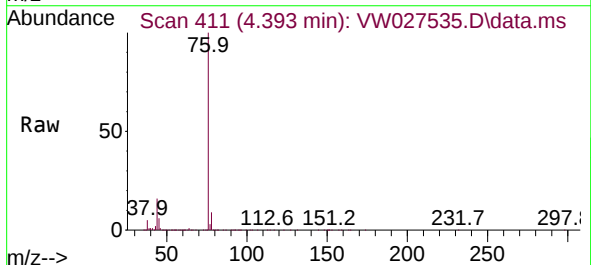
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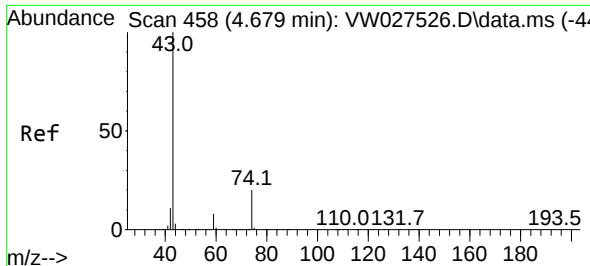
Tgt Ion: 43 Resp: 78316
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.8



#14
Carbon disulfide
Concen: 19.482 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027535.D
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Tgt Ion: 76 Resp: 260495
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

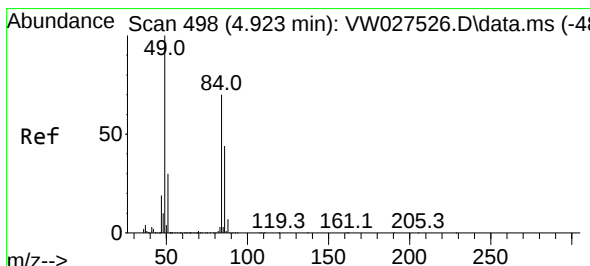
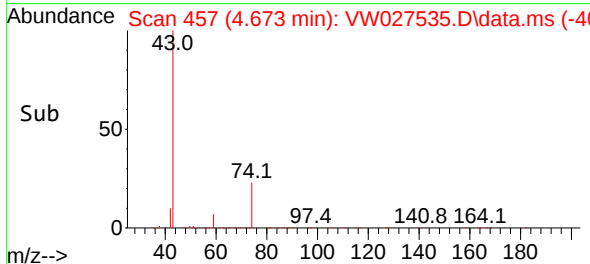
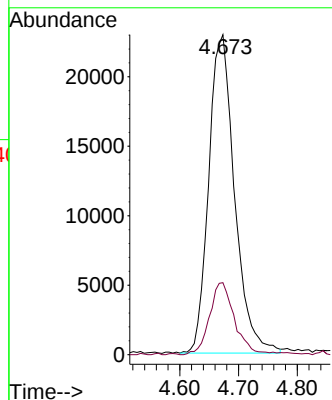
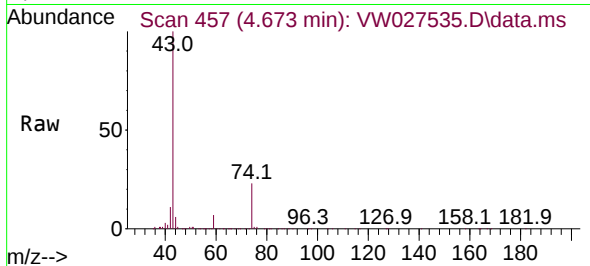




#15
Methyl Acetate
Concen: 28.477 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

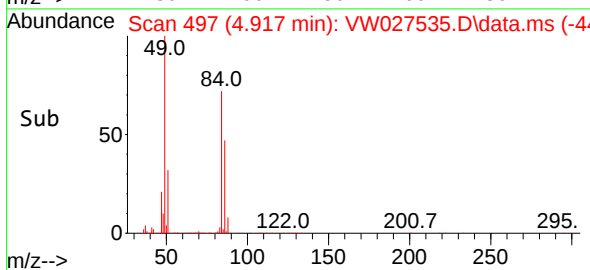
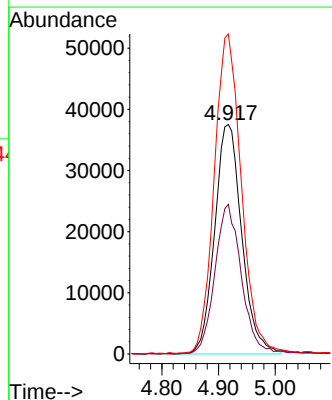
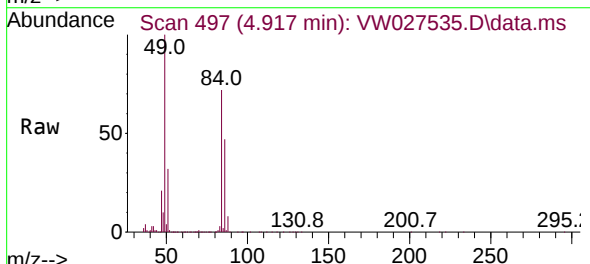
Instrument :
MSVOA_W
ClientSampleId :

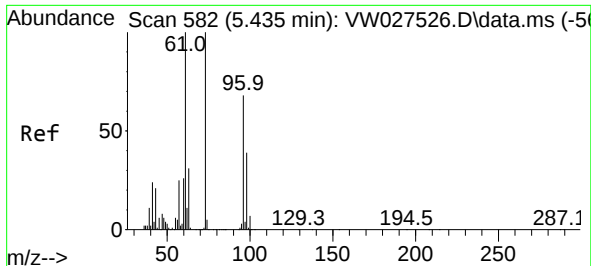
Tgt Ion: 43 Resp: 70090
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3



#16
Methylene chloride
Concen: 20.636 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

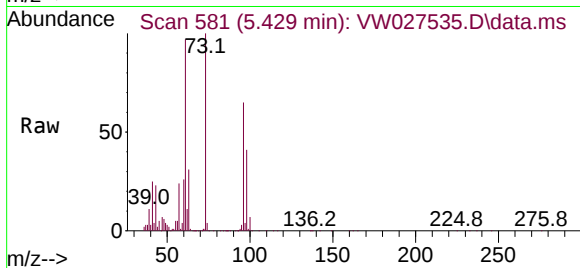
Tgt Ion: 84 Resp: 124245
Ion Ratio Lower Upper
84 100
86 65.2 41.3 76.7
49 139.4 92.8 172.4



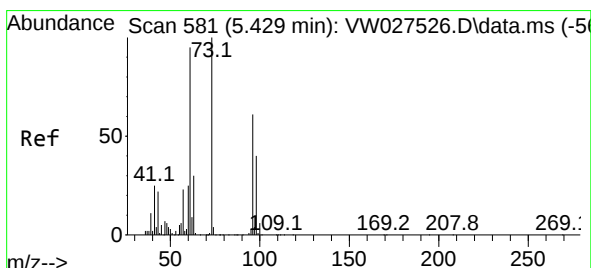
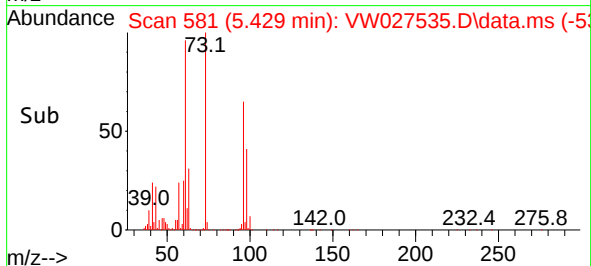
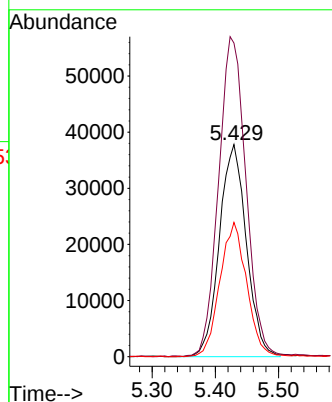


#17
trans-1,2-Dichloroethene
Concen: 24.174 ug/L
RT: 5.429 min Scan# 582
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Instrument :
MSVOA_W
ClientSampleId :

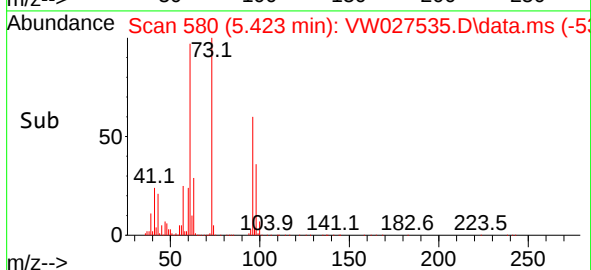
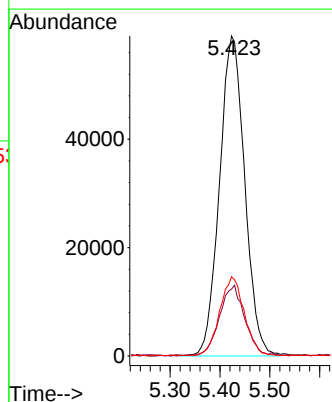
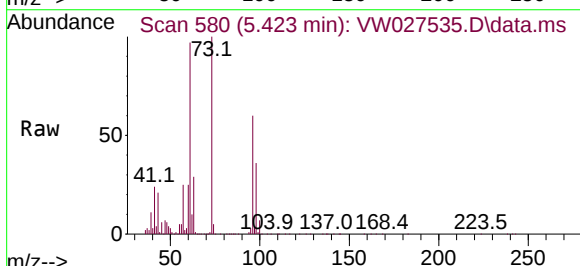


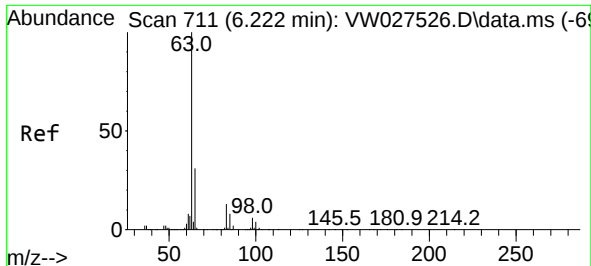
Tgt Ion: 96 Resp: 112057
Ion Ratio Lower Upper
96 100
61 147.8 105.6 196.0
98 63.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.939 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 73 Resp: 207444
Ion Ratio Lower Upper
73 100
43 21.3 17.7 26.5
57 24.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.796 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :

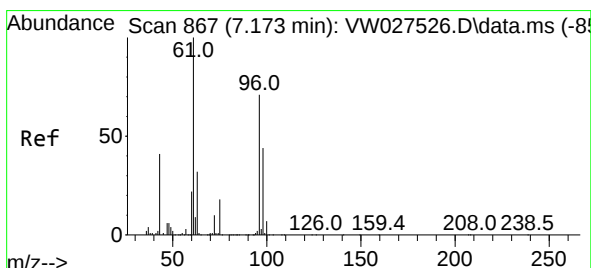
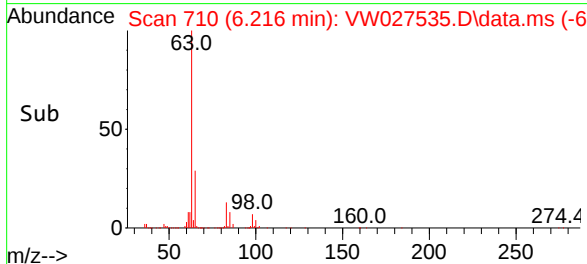
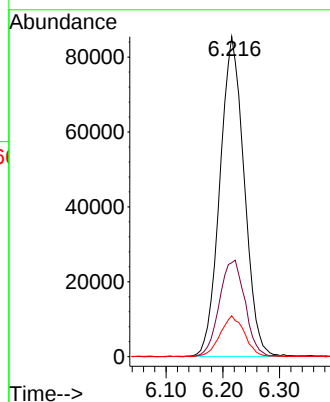
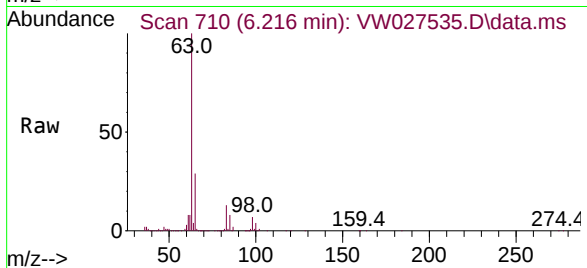
Tgt Ion: 63 Resp: 253423

Ion Ratio Lower Upper

63 100

65 29.3 22.9 42.5

83 12.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.027 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

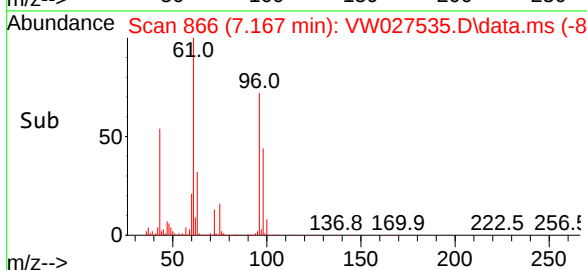
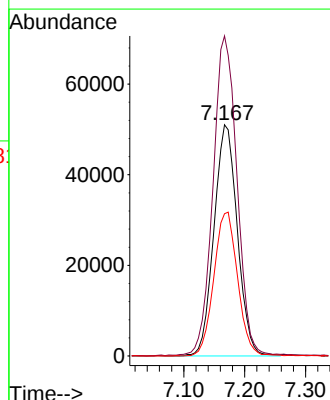
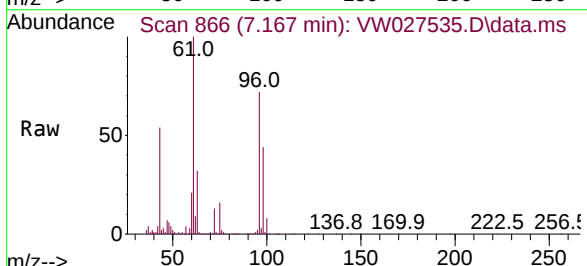
Tgt Ion: 96 Resp: 136243

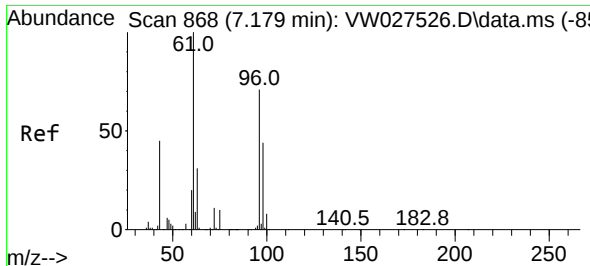
Ion Ratio Lower Upper

96 100

61 138.4 96.2 178.8

98 61.5 46.0 85.4

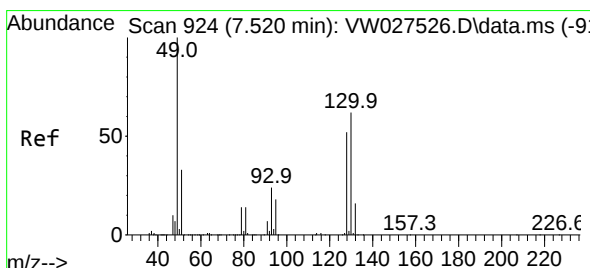
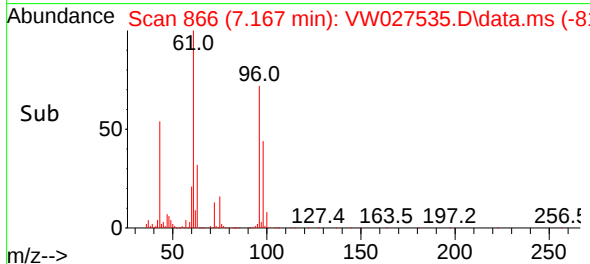
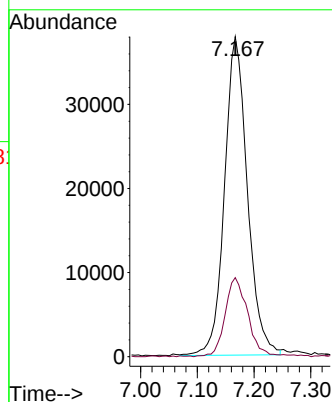
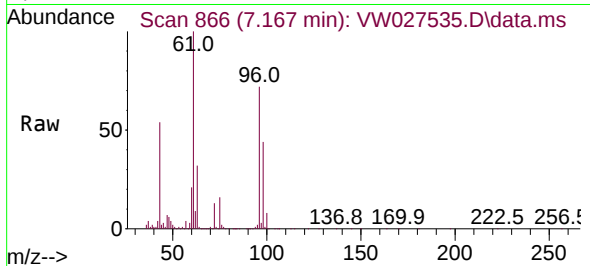




#22
2-Butanone
Concen: 49.165 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.012 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

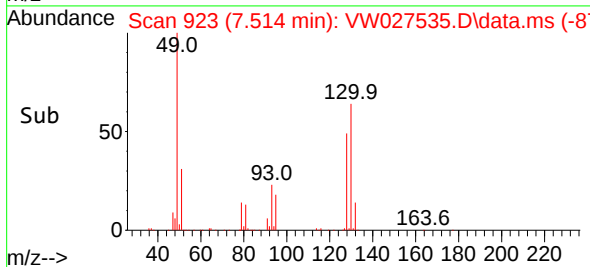
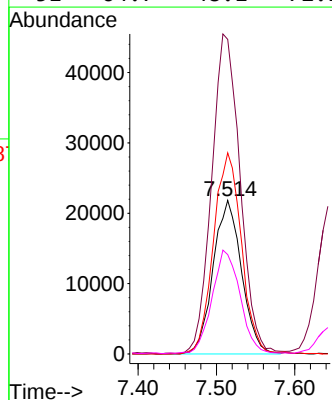
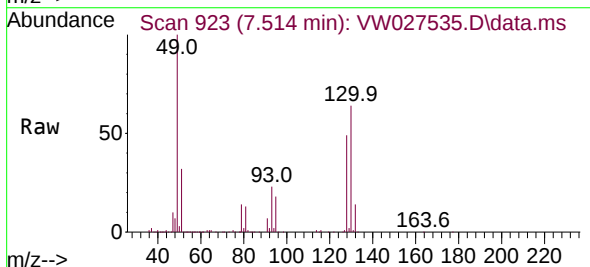
Instrument :
MSVOA_W
ClientSampleId :

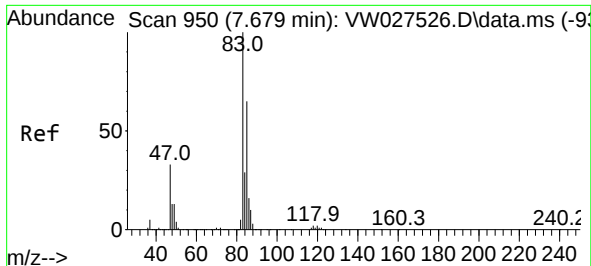
Tgt Ion: 43 Resp: 106049
Ion Ratio Lower Upper
43 100
72 23.4 12.3 36.8



#23
Bromochloromethane
Concen: 25.430 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 128 Resp: 54960
Ion Ratio Lower Upper
128 100
49 204.9 128.9 239.5
130 131.0 85.0 157.8
51 64.7 48.1 72.1

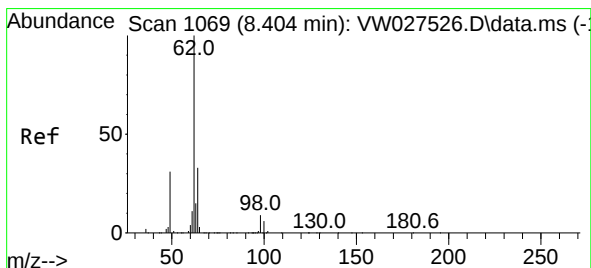
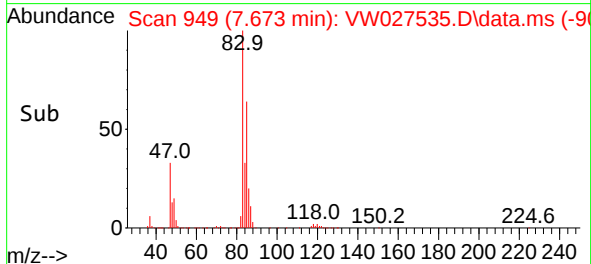
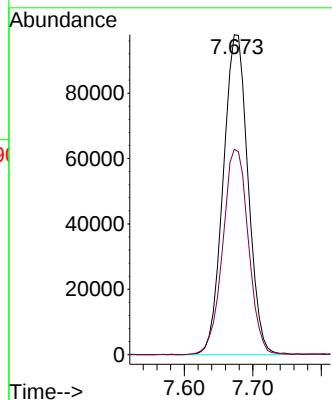
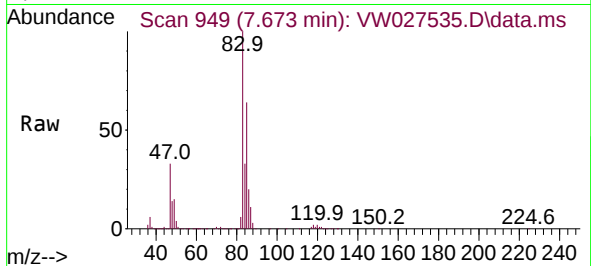




#25
Chloroform
Concen: 27.776 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

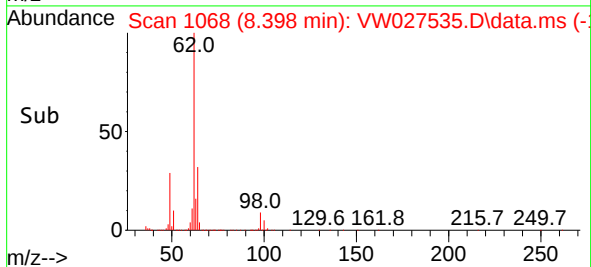
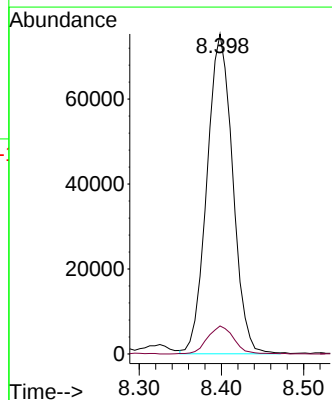
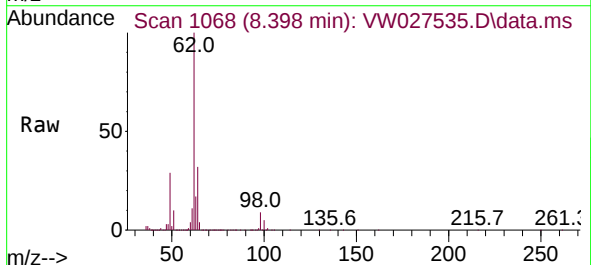
Instrument :
MSVOA_W
ClientSampleId :

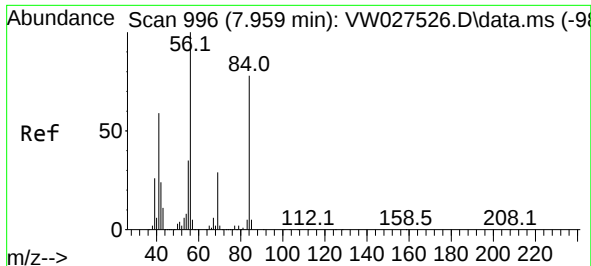
Tgt Ion: 83 Resp: 245861
Ion Ratio Lower Upper
83 100
85 64.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.217 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

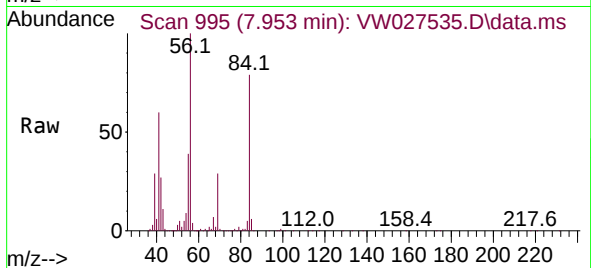
Tgt Ion: 62 Resp: 163646
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3



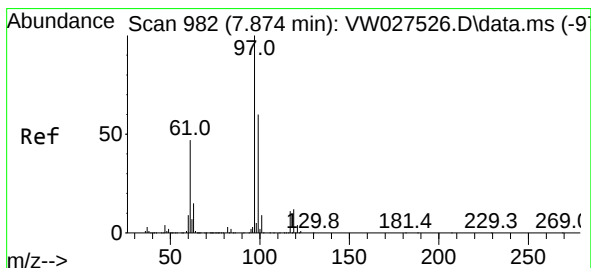
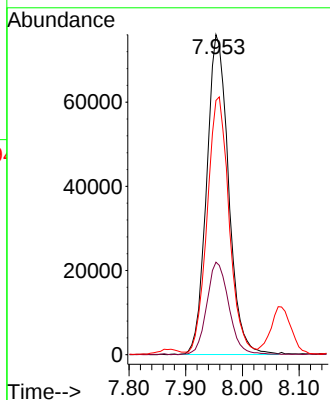
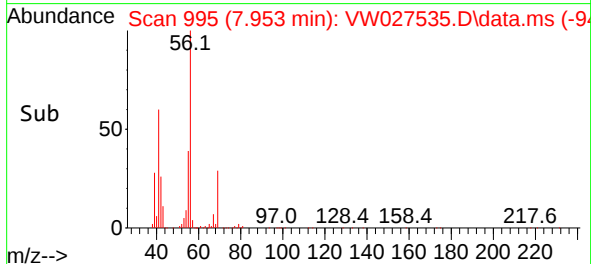


#29
Cyclohexane
Concen: 21.636 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Instrument :
MSVOA_W
ClientSampleId :

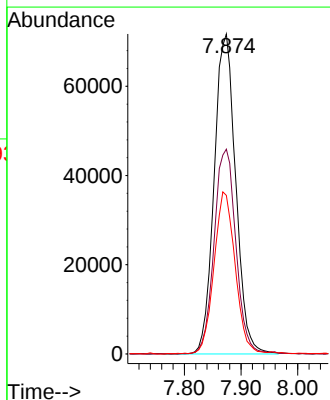
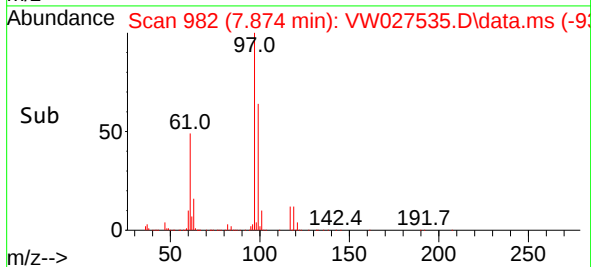
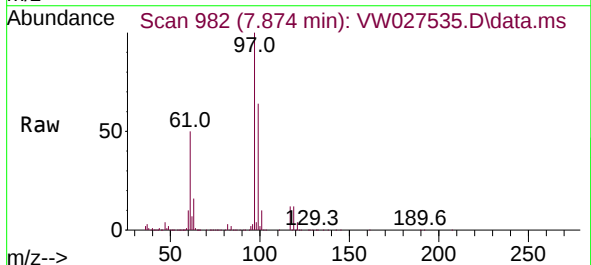


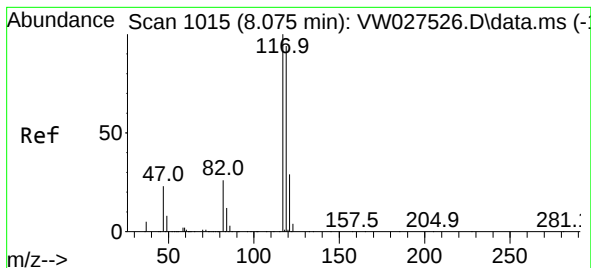
Tgt Ion: 56 Resp: 204560
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.4
84 81.0 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 24.914 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 97 Resp: 189243
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 49.7 37.4 56.0





#31

Carbon tetrachloride

Concen: 23.632 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

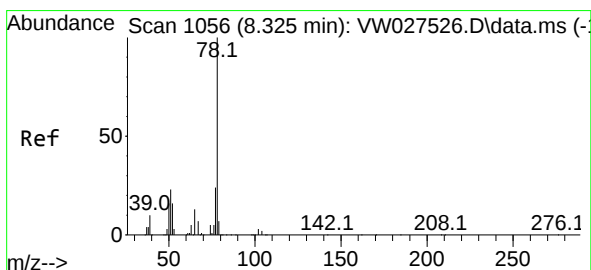
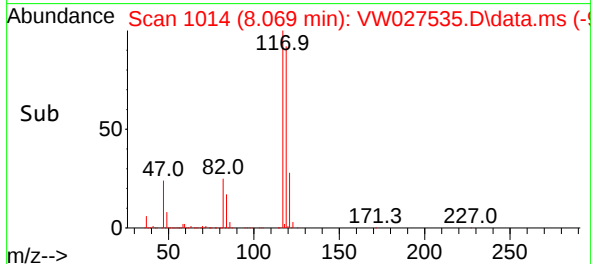
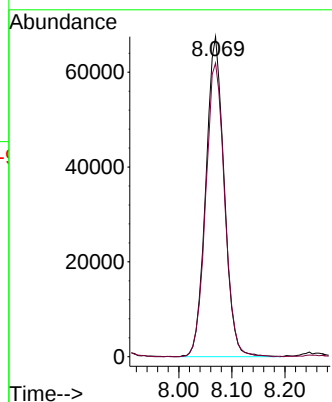
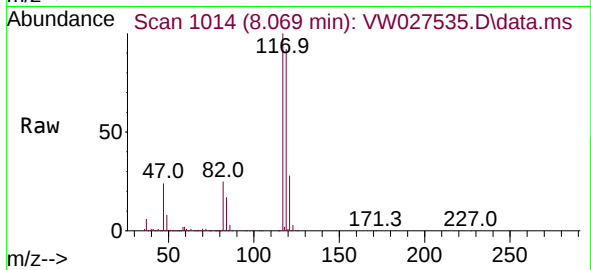
ClientSampleId :

Tgt Ion:117 Resp: 161856

Ion Ratio Lower Upper

117 100

119 94.9 77.1 115.7



#33

Benzene

Concen: 25.480 ug/L

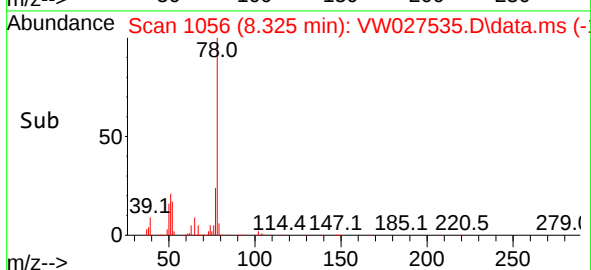
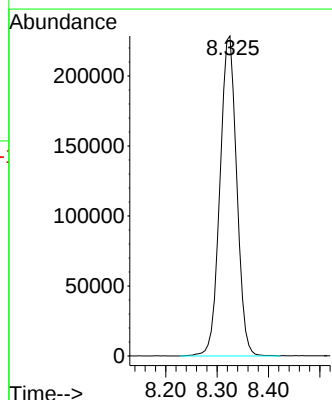
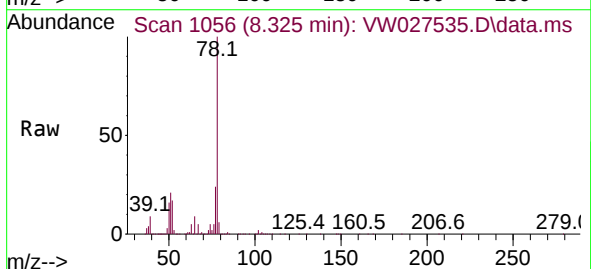
RT: 8.325 min Scan# 1056

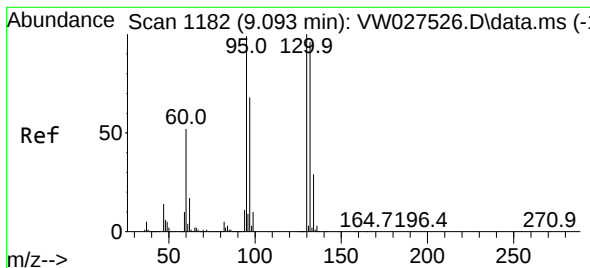
Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Tgt Ion: 78 Resp: 518514





#34

Trichloroethene

Concen: 24.521 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

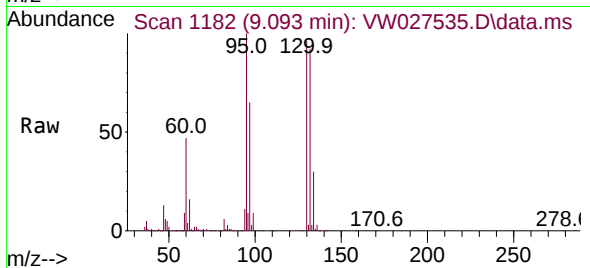
Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 131810

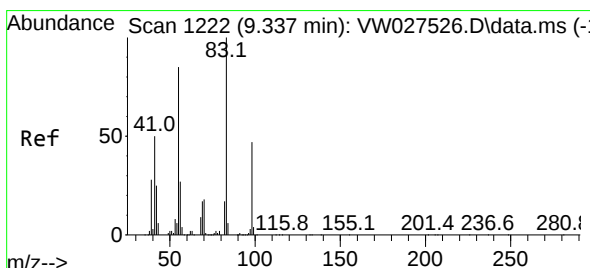
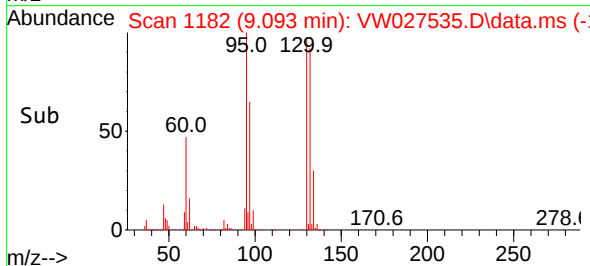
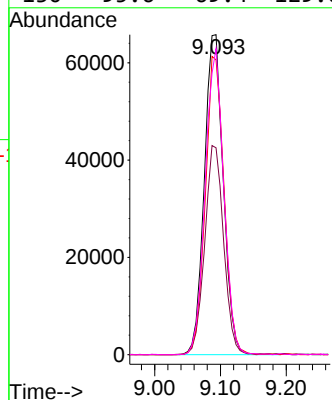
Ion Ratio Lower Upper

95 100

97 64.7 43.4 80.6

132 92.2 67.6 125.6

130 95.6 69.4 129.0



#35

Methylcyclohexane

Concen: 22.302 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

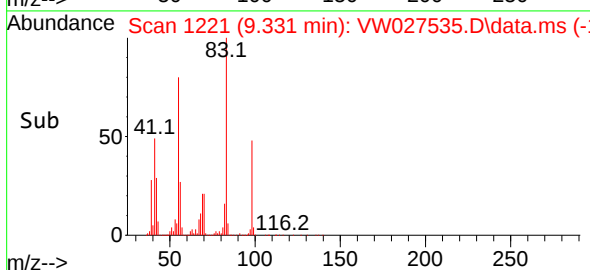
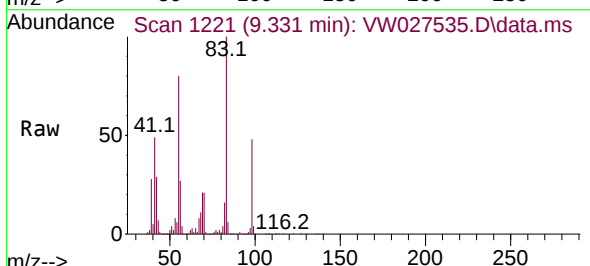
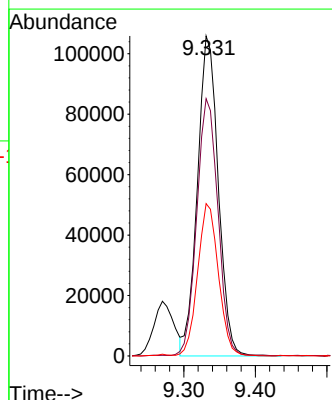
Tgt Ion: 83 Resp: 214391

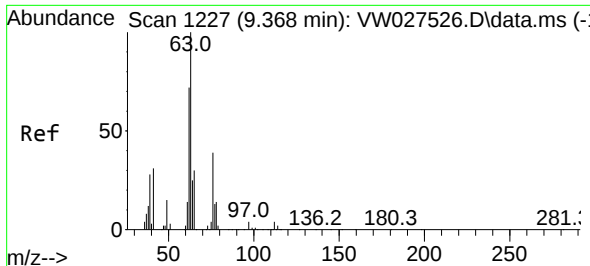
Ion Ratio Lower Upper

83 100

55 81.7 65.8 98.8

98 47.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.769 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

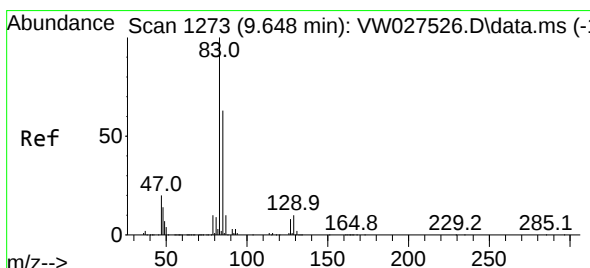
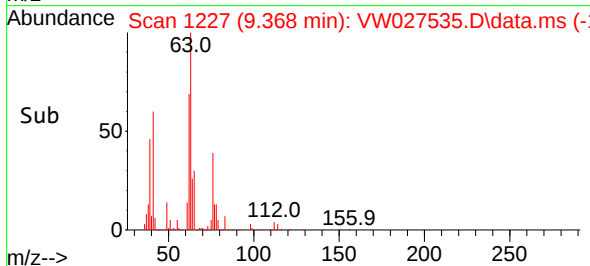
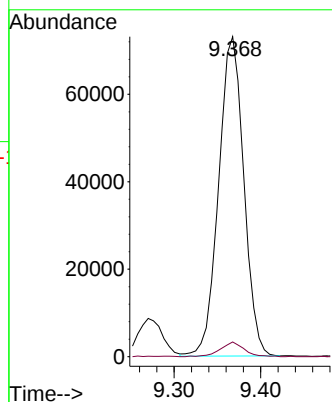
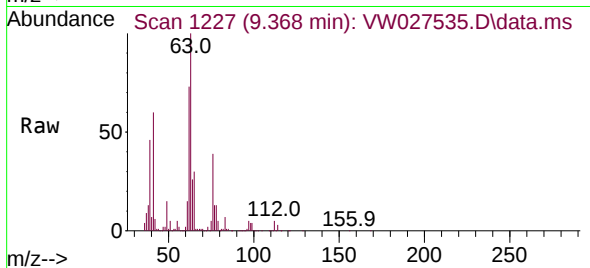
ClientSampleId :

Tgt Ion: 63 Resp: 147294

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 25.808 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

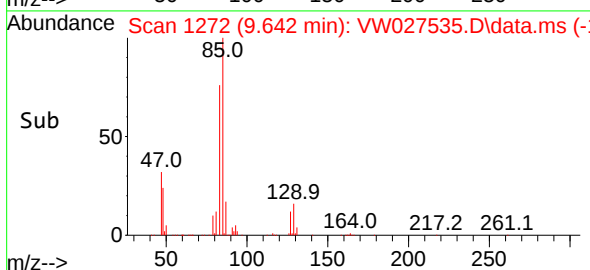
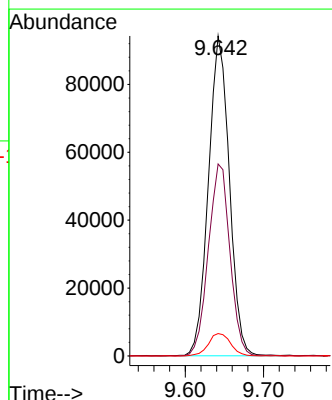
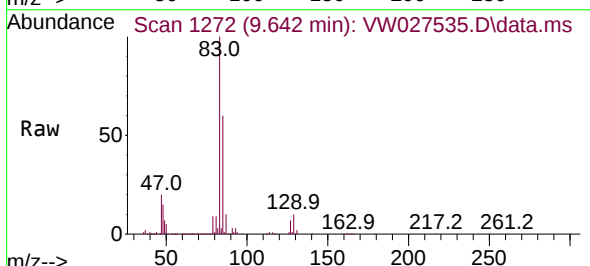
Tgt Ion: 83 Resp: 174620

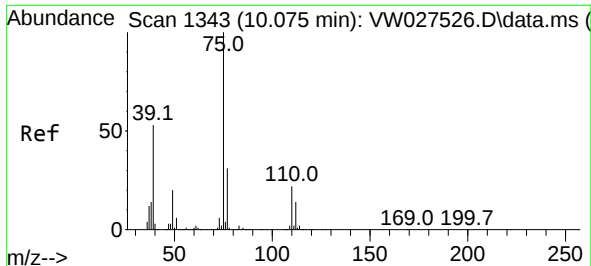
Ion Ratio Lower Upper

83 100

85 60.0 43.9 81.5

127 7.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.689 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

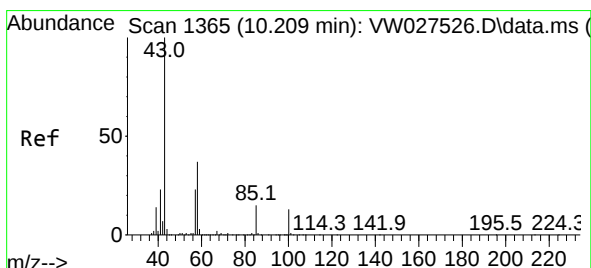
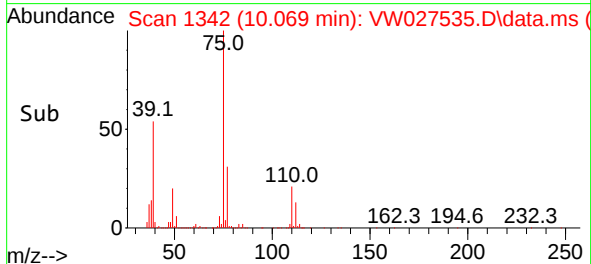
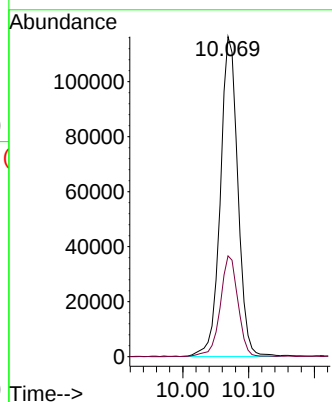
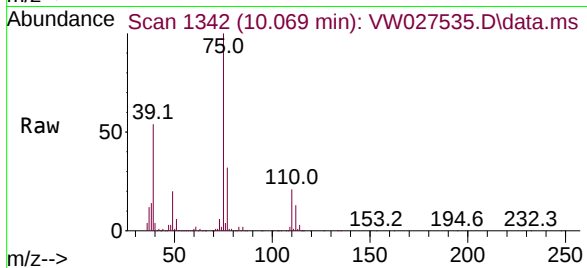
ClientSampleId :

Tgt Ion: 75 Resp: 215318

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 56.743 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

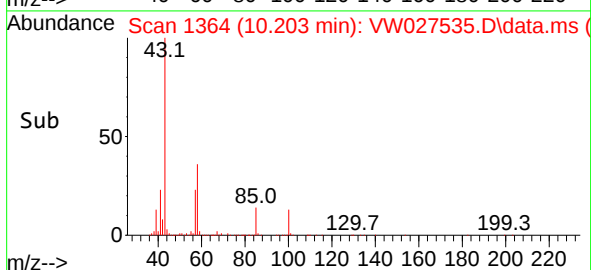
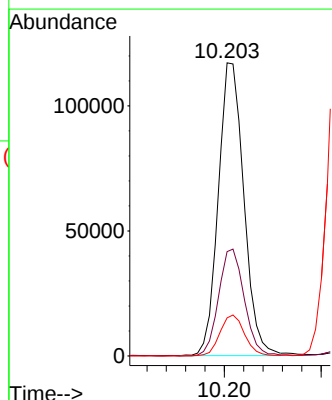
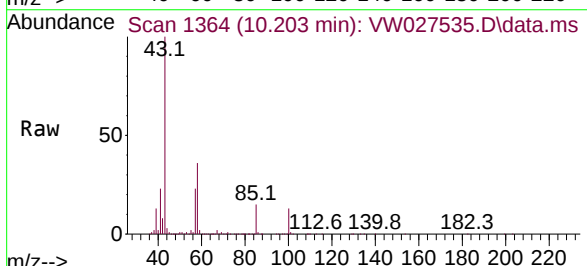
Tgt Ion: 43 Resp: 214723

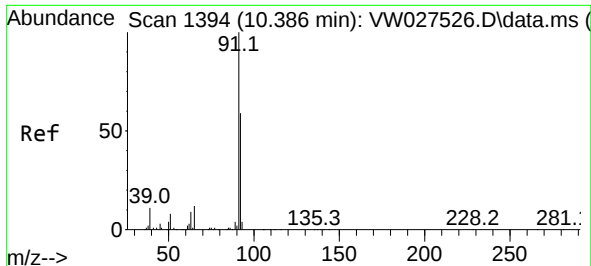
Ion Ratio Lower Upper

43 100

58 36.9 30.5 45.7

100 13.6 11.5 17.3

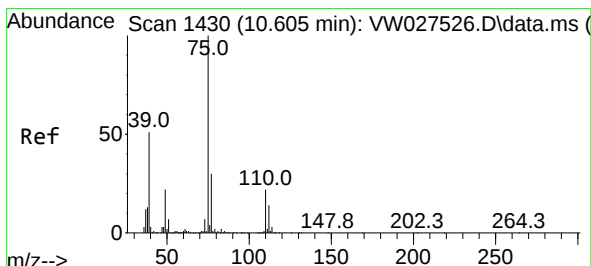
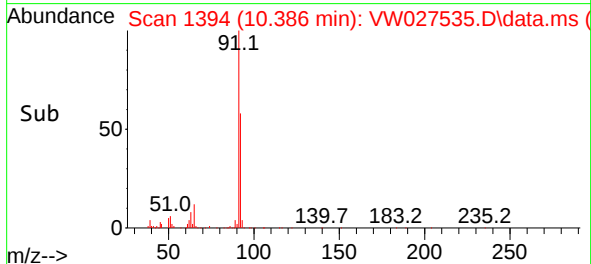
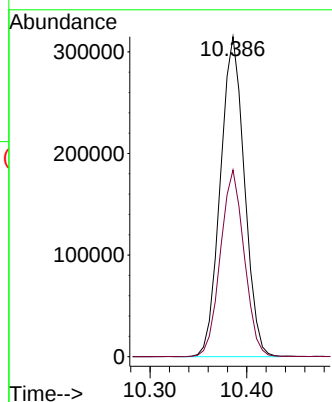
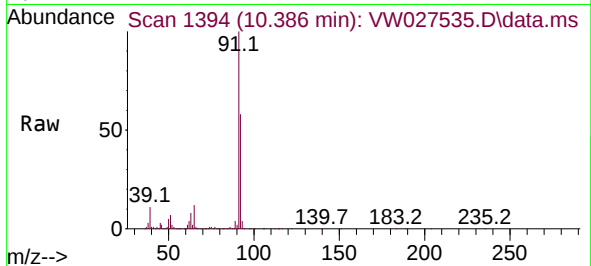




#42
Toluene
Concen: 25.441 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

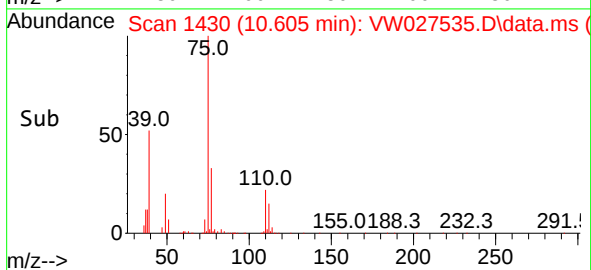
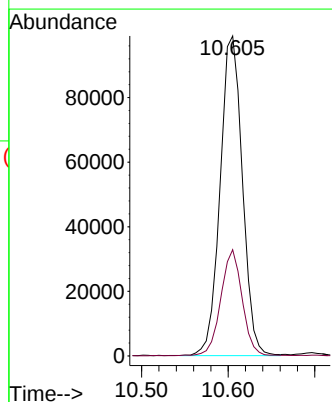
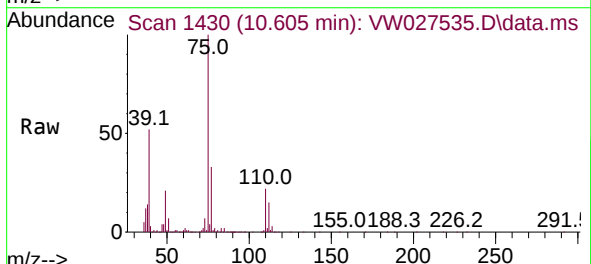
Instrument :
MSVOA_W
ClientSampleId :

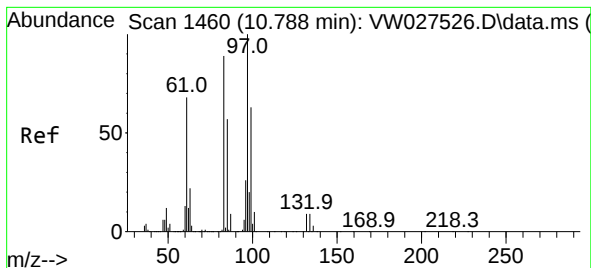
Tgt Ion: 91 Resp: 543128
Ion Ratio Lower Upper
91 100
92 58.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.068 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 75 Resp: 176918
Ion Ratio Lower Upper
75 100
77 33.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.525 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 104223

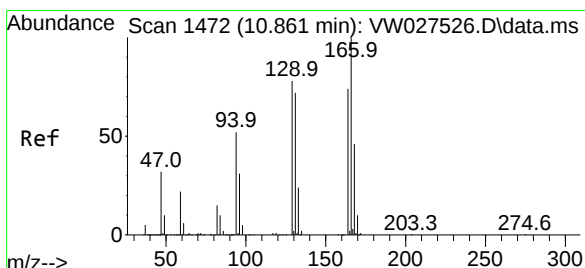
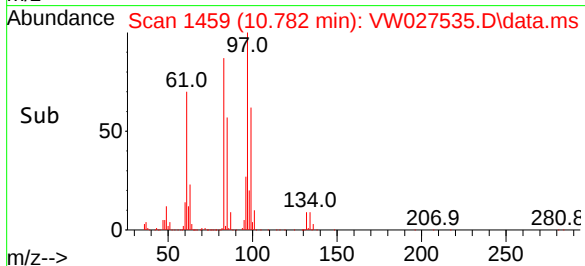
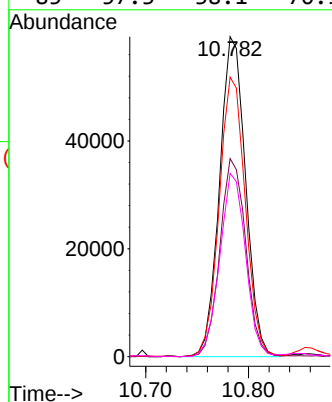
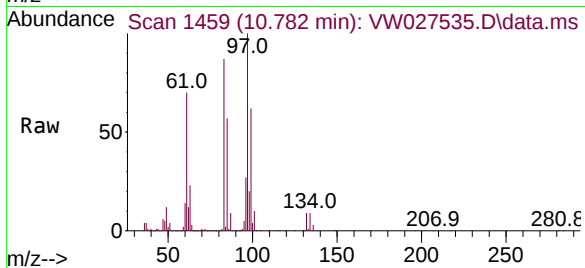
Ion Ratio Lower Upper

97 100

99 61.9 43.8 81.4

83 87.4 57.5 106.7

85 57.3 38.1 70.9



#46

Tetrachloroethene

Concen: 23.926 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Tgt Ion:164 Resp: 88806

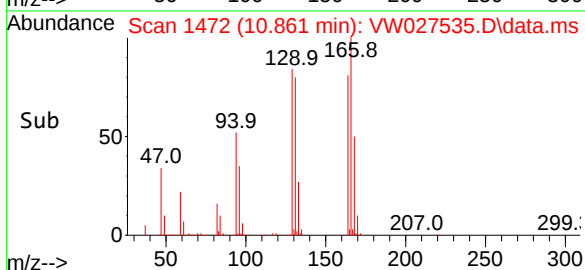
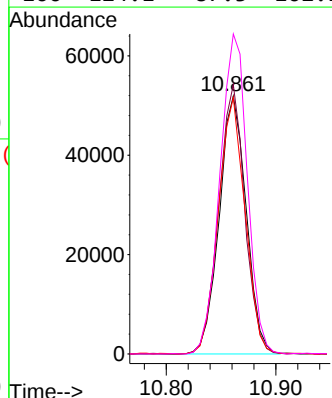
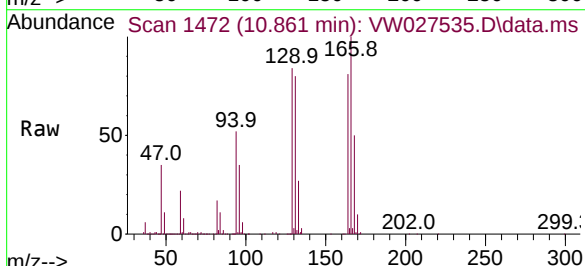
Ion Ratio Lower Upper

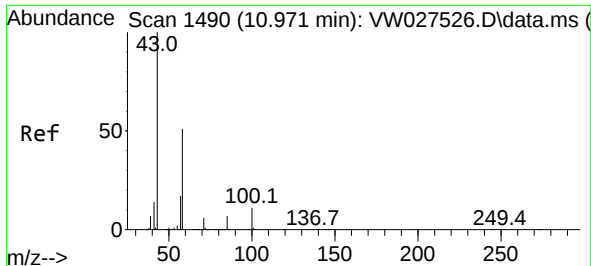
164 100

129 104.5 74.7 138.7

131 99.5 73.2 136.0

166 124.1 87.3 162.1

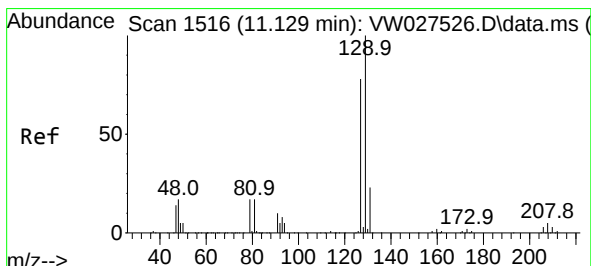
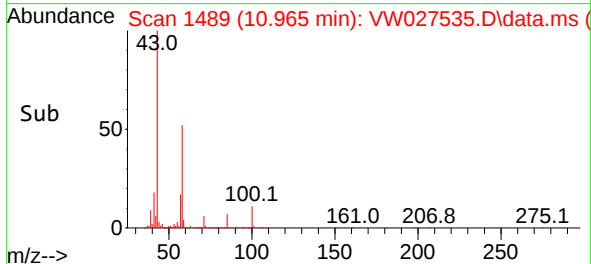
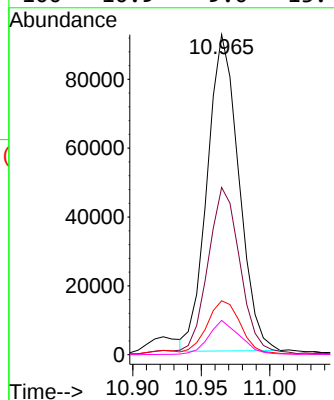
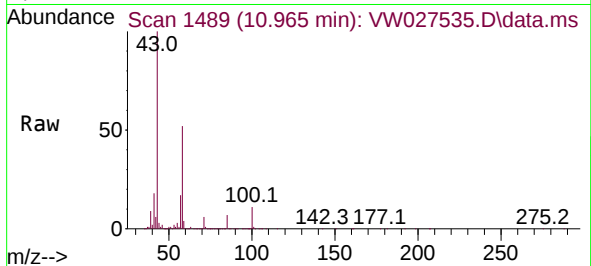




#48
2-Hexanone
Concen: 52.754 ug/L
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

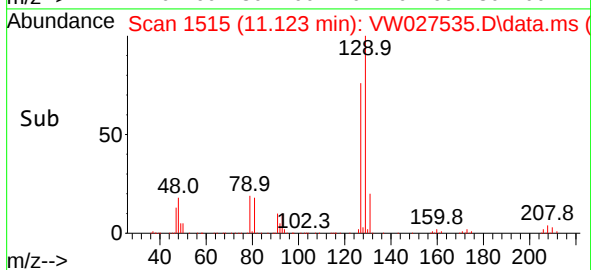
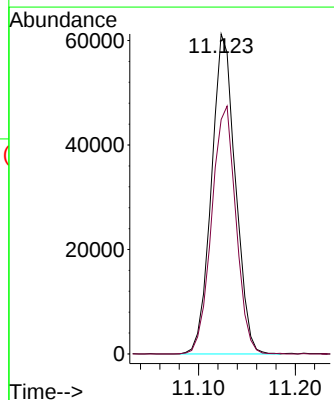
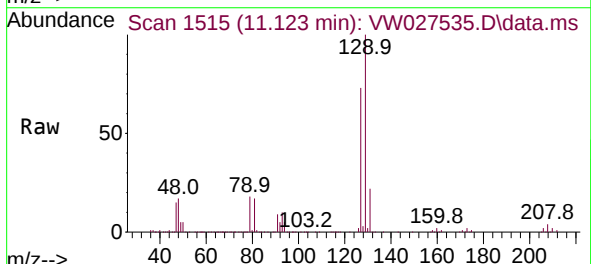
Instrument :
MSVOA_W
ClientSampleId :

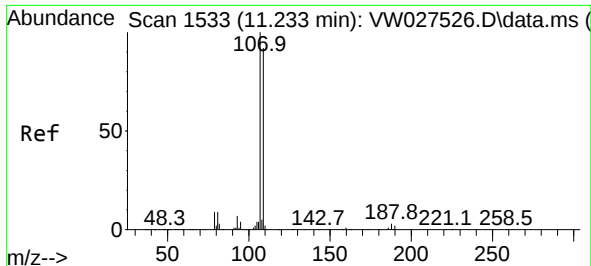
Tgt Ion: 43 Resp: 147752
Ion Ratio Lower Upper
43 100
58 54.3 42.2 63.4
57 18.5 15.1 22.7
100 10.9 9.0 13.4



#49
Dibromochloromethane
Concen: 25.041 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 129 Resp: 105300
Ion Ratio Lower Upper
129 100
127 73.3 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.663 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

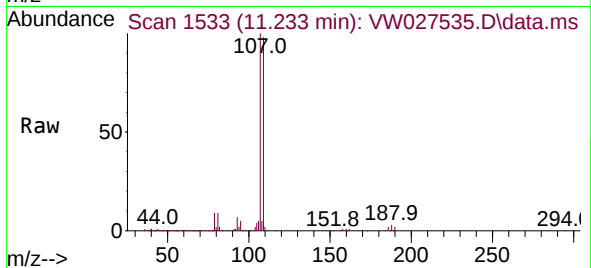
Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :



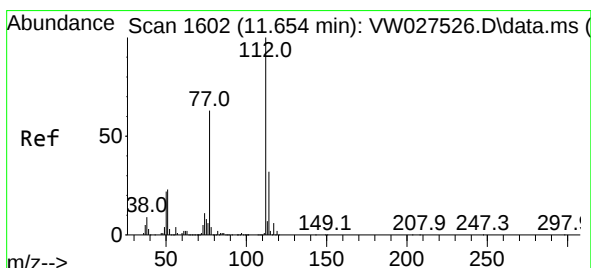
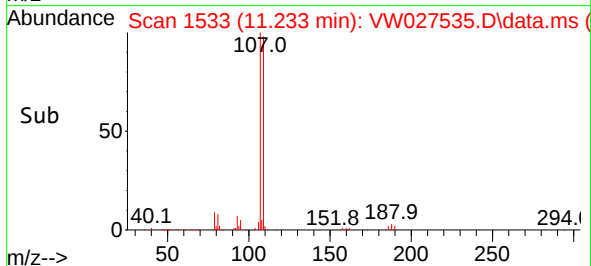
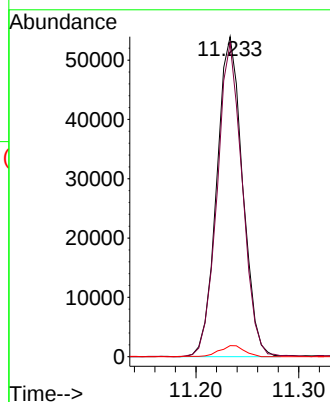
Tgt Ion:107 Resp: 94213

Ion Ratio Lower Upper

107 100

109 97.9 66.3 123.1

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 25.745 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

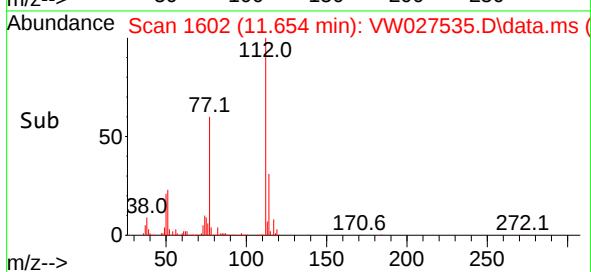
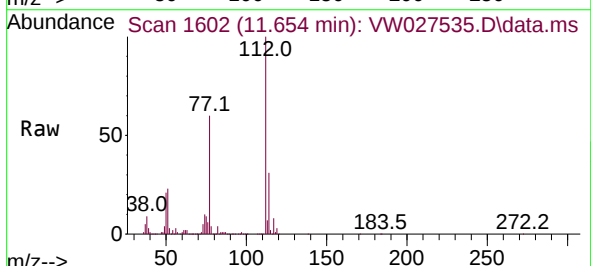
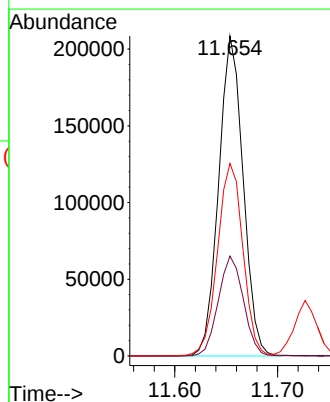
Tgt Ion:112 Resp: 344162

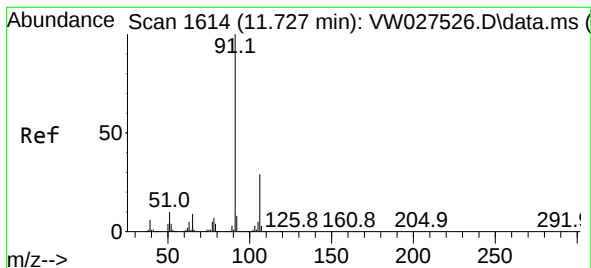
Ion Ratio Lower Upper

112 100

114 31.2 21.8 40.6

77 60.2 52.2 78.4

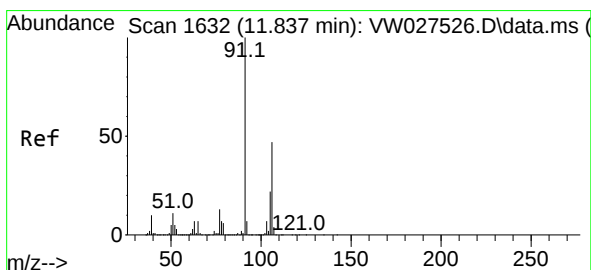
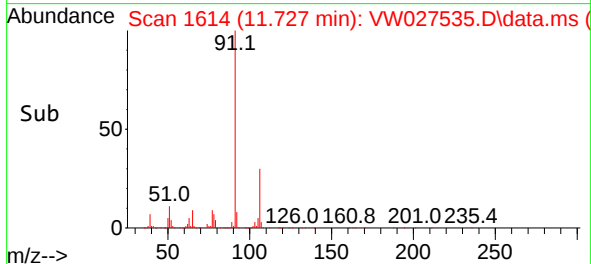
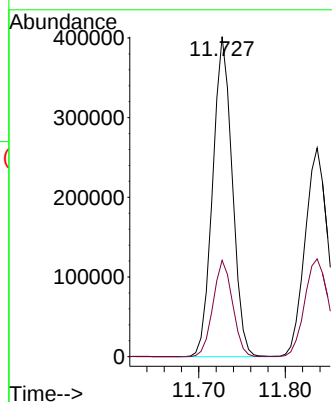
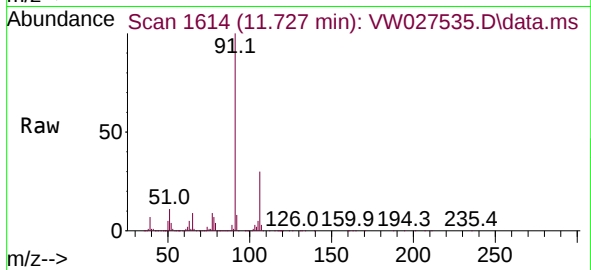




#52
Ethylbenzene
Concen: 25.425 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

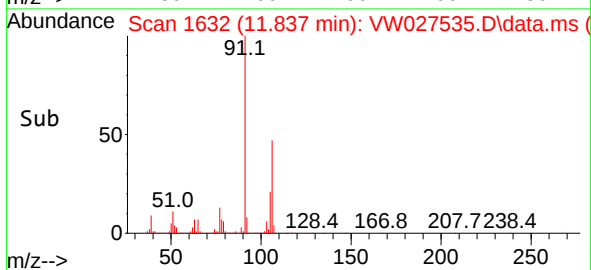
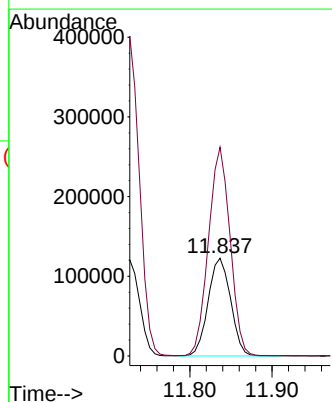
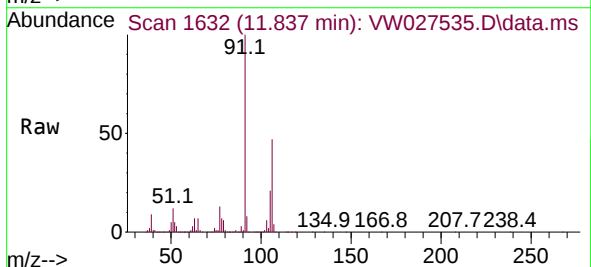
Instrument :
MSVOA_W
ClientSampleId :

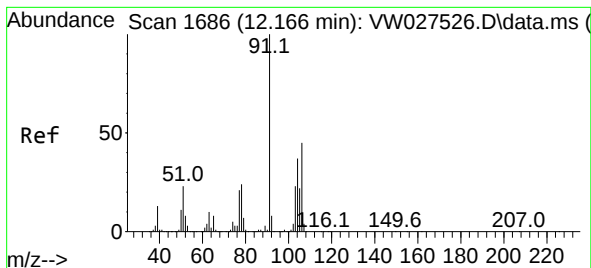
Tgt Ion: 91 Resp: 630723
Ion Ratio Lower Upper
91 100
106 30.1 19.8 36.8



#53
m,p-Xylene
Concen: 24.739 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 106 Resp: 232780
Ion Ratio Lower Upper
106 100
91 213.6 144.5 268.4

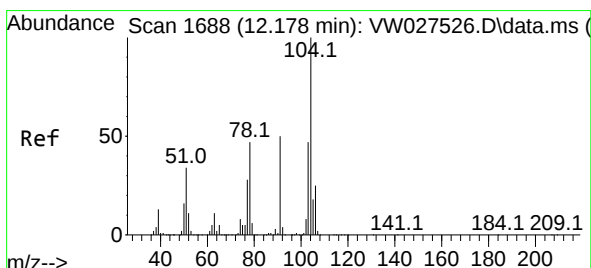
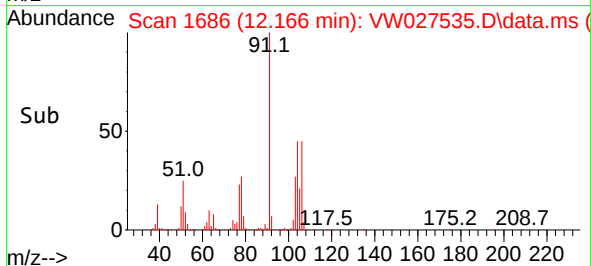
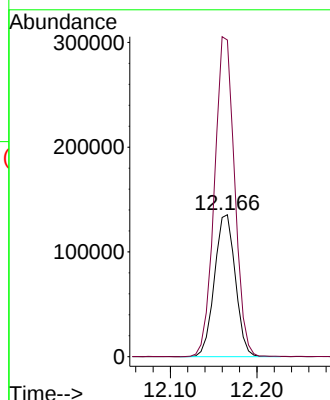
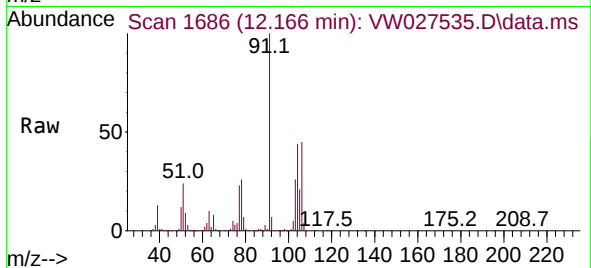




#54
o-Xylene
Concen: 25.180 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

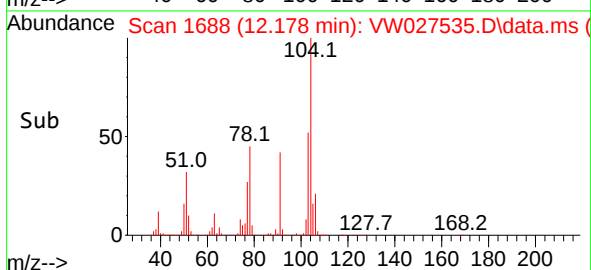
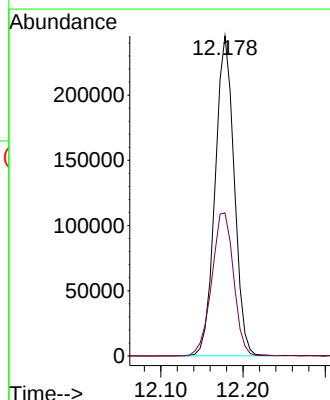
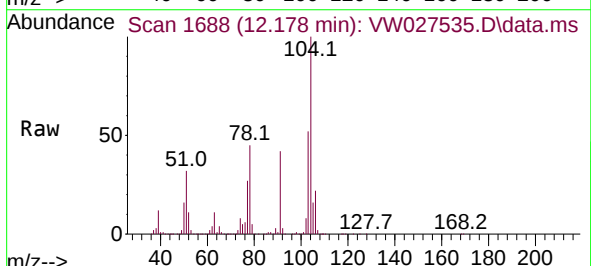
Instrument :
MSVOA_W
ClientSampleId :

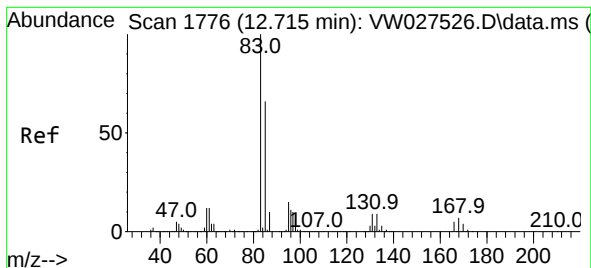
Tgt Ion:106 Resp: 226881
Ion Ratio Lower Upper
106 100
91 223.0 152.0 282.2



#55
Styrene
Concen: 25.643 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion:104 Resp: 394599
Ion Ratio Lower Upper
104 100
78 44.7 33.2 61.6

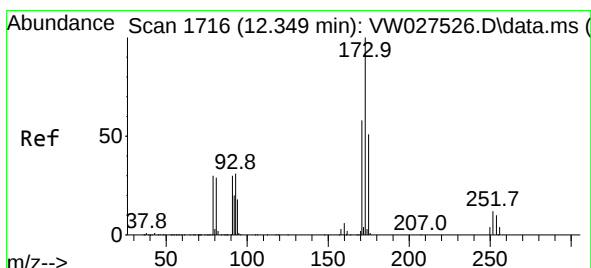
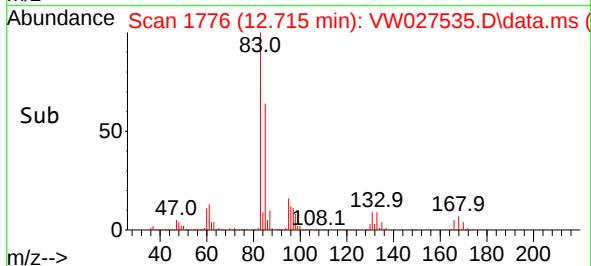
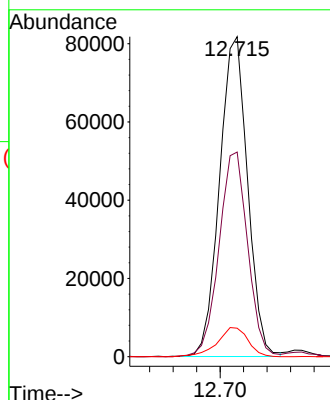
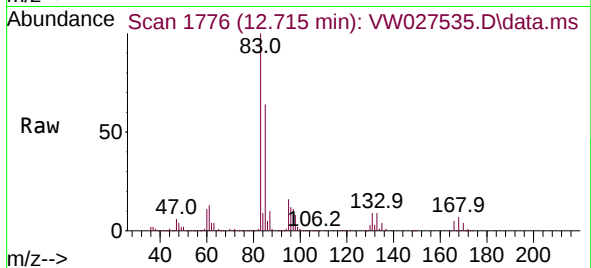




#57
1,1,2,2-Tetrachloroethane
Concen: 29.308 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

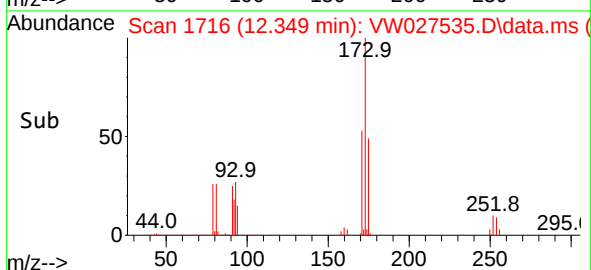
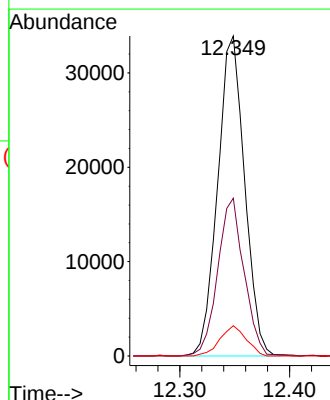
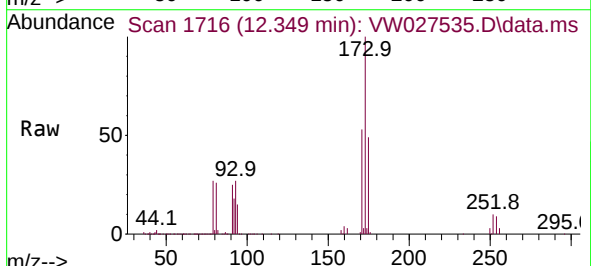
Instrument :
MSVOA_W
ClientSampleId :

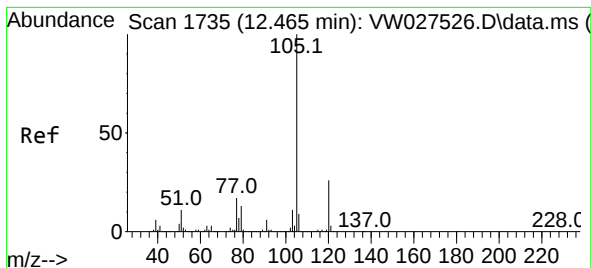
Tgt Ion: 83 Resp: 135469
Ion Ratio Lower Upper
83 100
85 64.0 43.2 80.2
131 8.9 7.2 10.8



#59
Bromoform
Concen: 22.914 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion:173 Resp: 57965
Ion Ratio Lower Upper
173 100
175 48.1 39.6 59.4
254 9.2 6.6 10.0

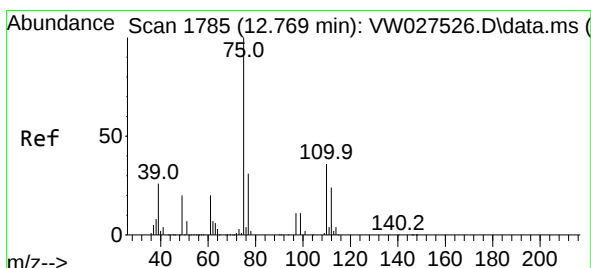
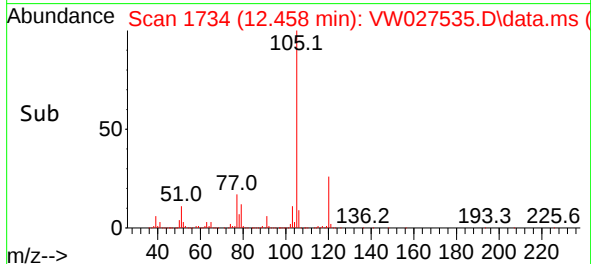
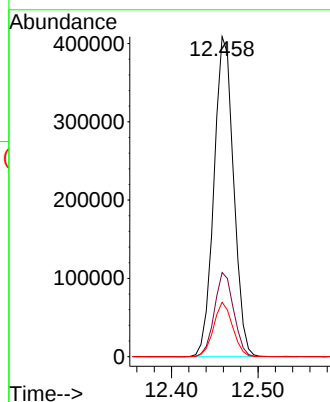
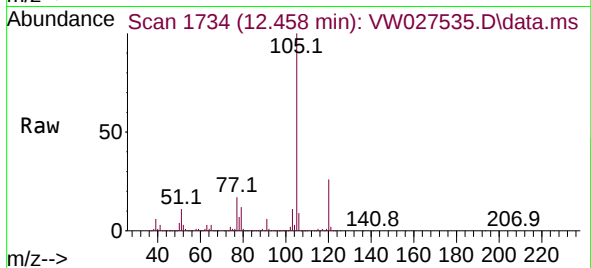




#60
Isopropylbenzene
Concen: 24.130 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

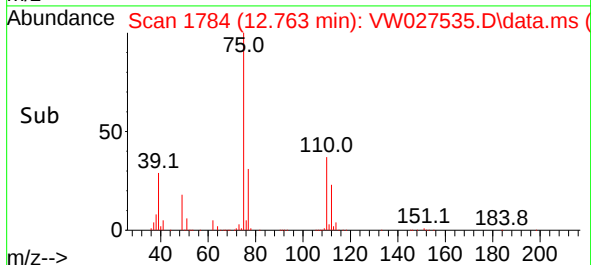
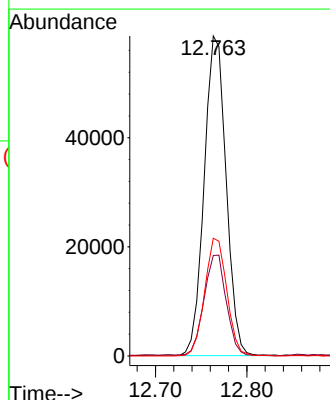
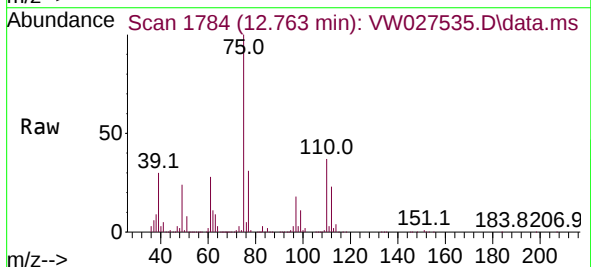
Instrument :
MSVOA_W
ClientSampleId :

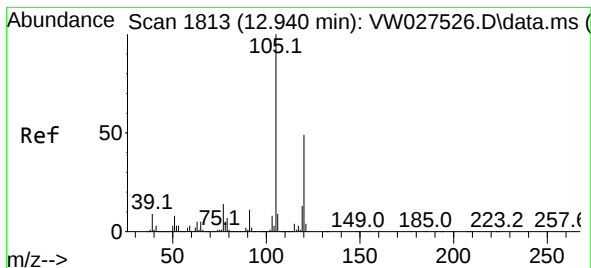
Tgt Ion:105 Resp: 644435
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.270 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion: 75 Resp: 97514
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 37.2 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 23.063 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

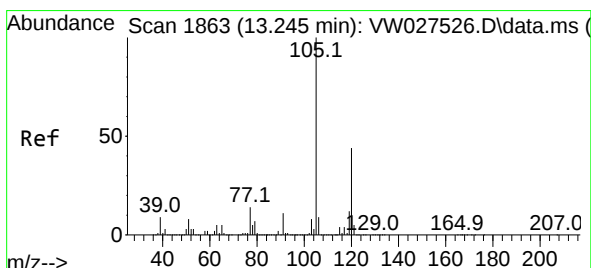
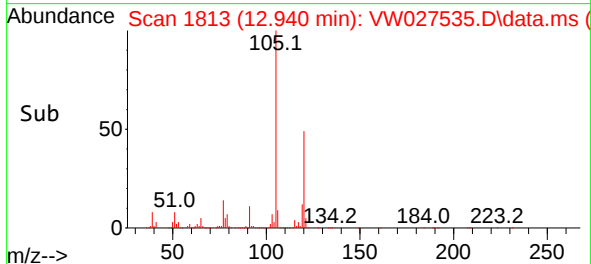
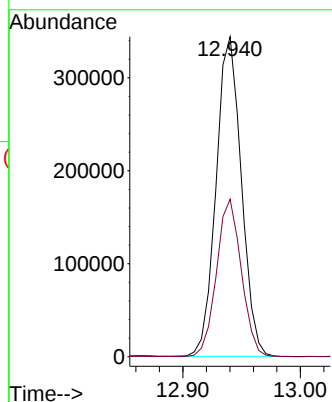
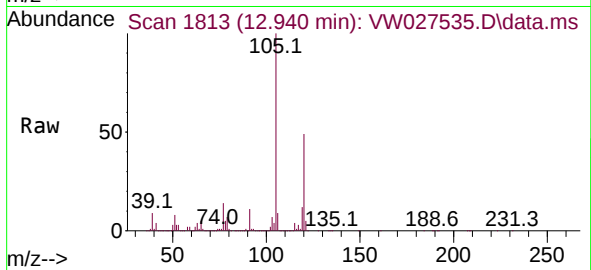
ClientSampleId :

Tgt Ion:105 Resp: 513777

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.304 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027535.D

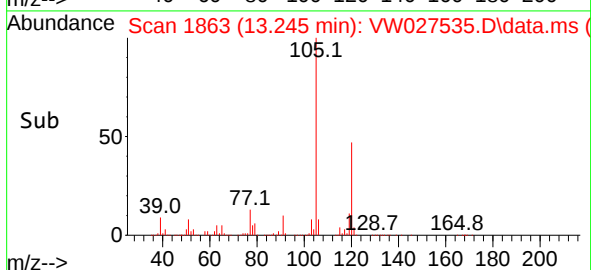
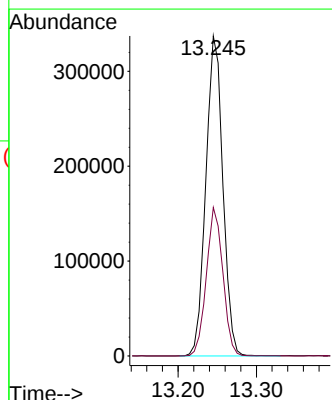
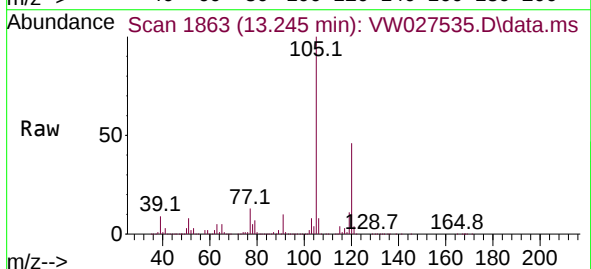
Acq: 03 Nov 2023 15:02

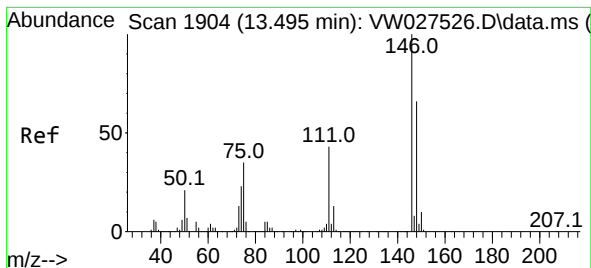
Tgt Ion:105 Resp: 507938

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 24.412 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :

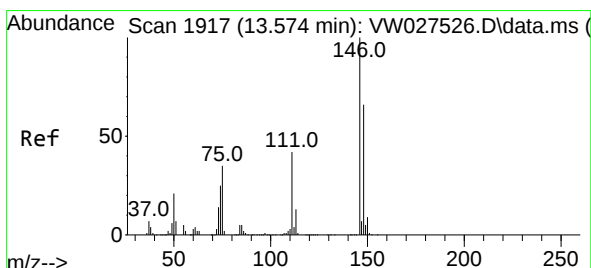
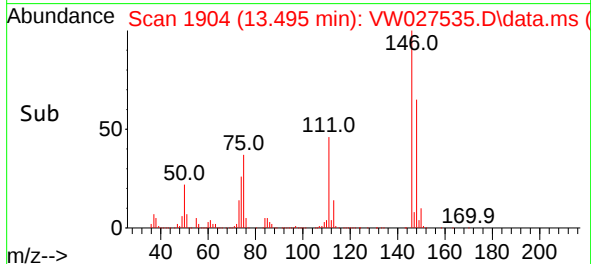
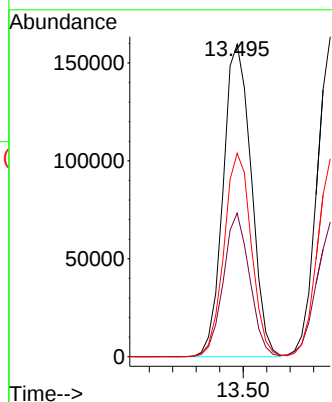
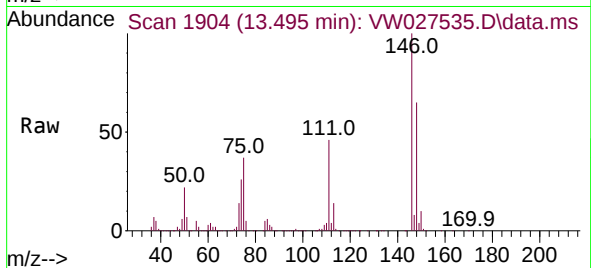
Tgt Ion:146 Resp: 264386

Ion Ratio Lower Upper

146 100

111 46.0 30.8 57.2

148 65.1 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 24.188 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

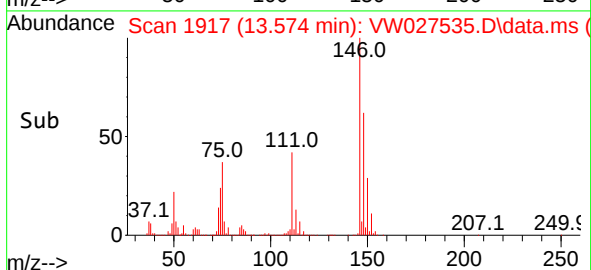
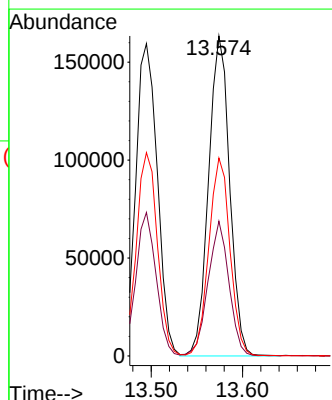
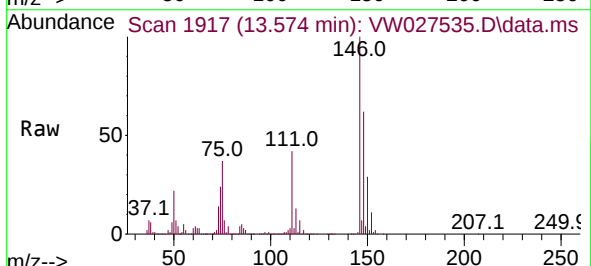
Tgt Ion:146 Resp: 261606

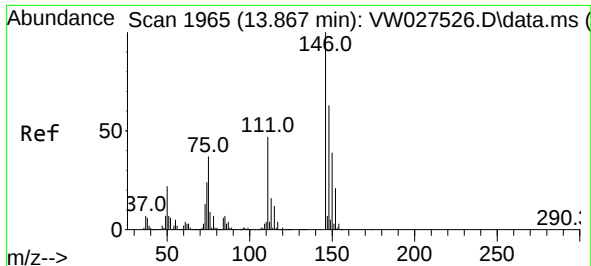
Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.9

148 61.9 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.150 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :

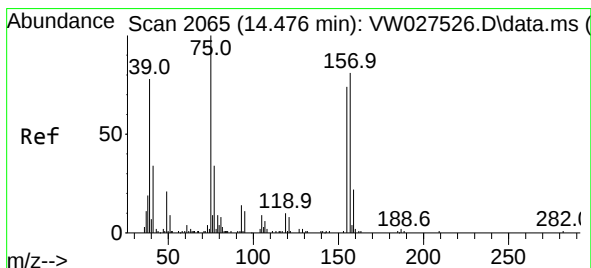
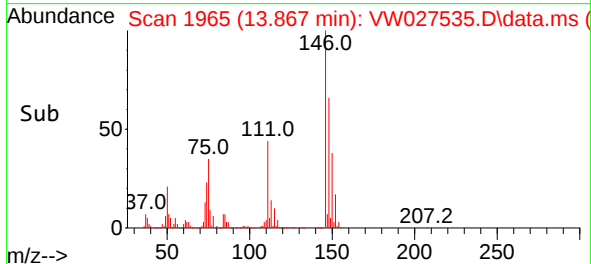
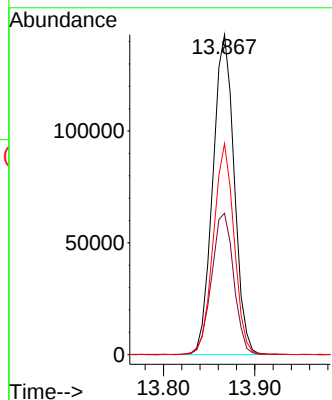
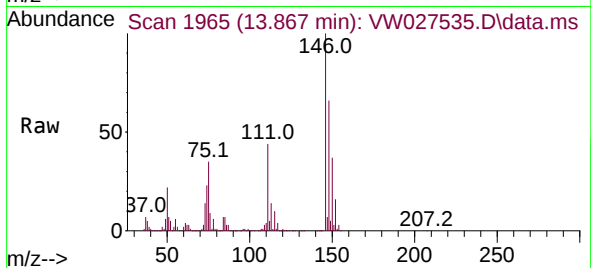
Tgt Ion:146 Resp: 232086

Ion Ratio Lower Upper

146 100

111 44.2 36.8 55.2

148 65.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.663 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

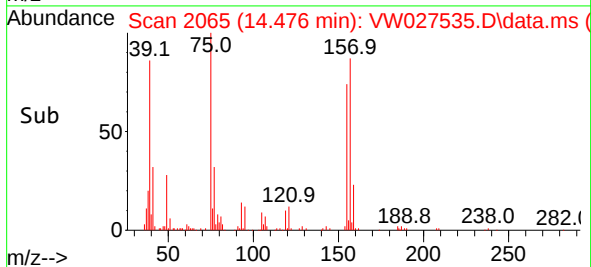
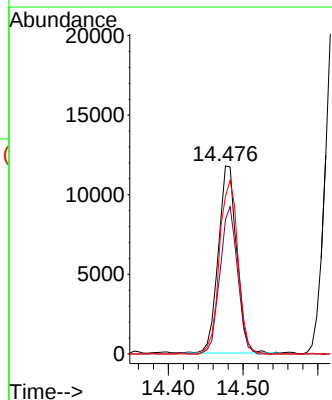
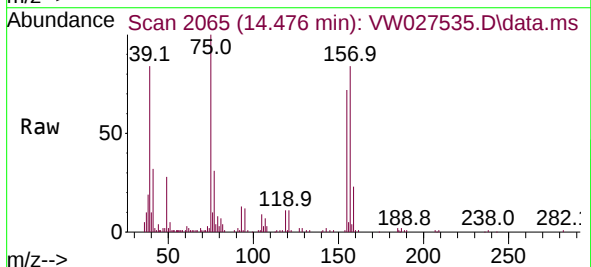
Tgt Ion: 75 Resp: 20097

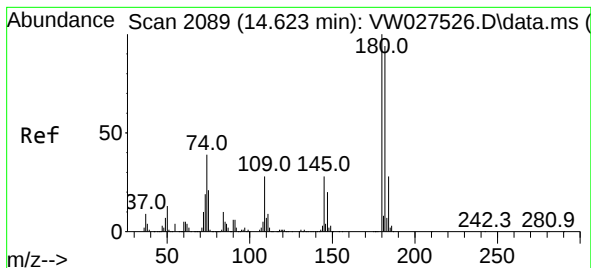
Ion Ratio Lower Upper

75 100

155 71.6 54.9 82.3

157 83.8 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 23.314 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

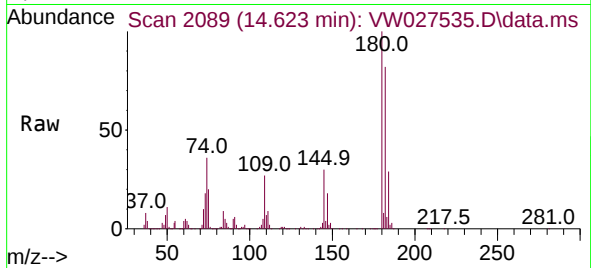
Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 163912

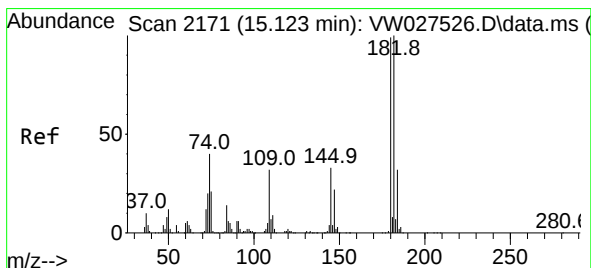
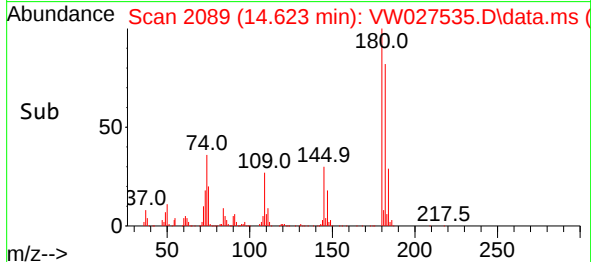
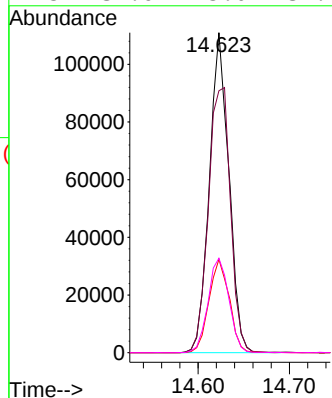
Ion Ratio Lower Upper

180 100

182 94.5 73.4 110.0

184 30.5 23.3 34.9

145 31.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 23.071 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027535.D

Acq: 03 Nov 2023 15:02

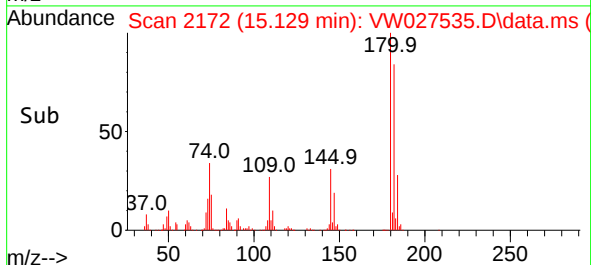
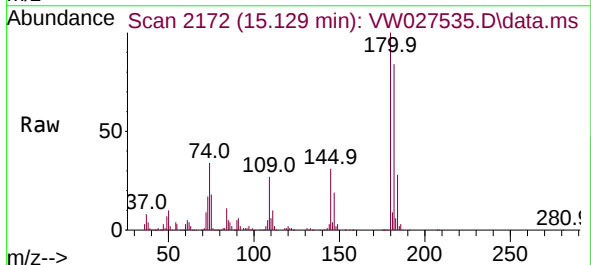
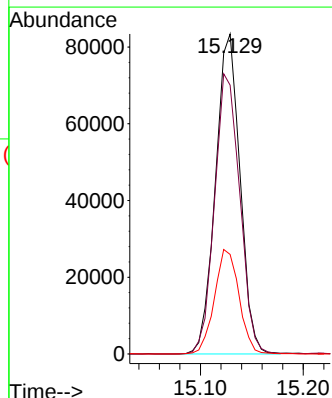
Tgt Ion:180 Resp: 138052

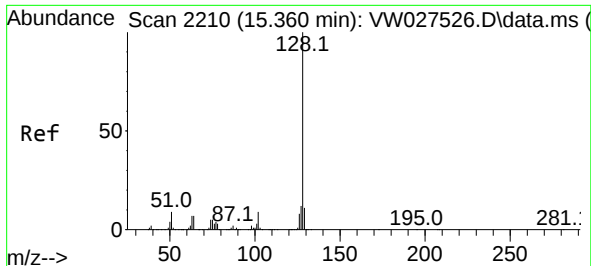
Ion Ratio Lower Upper

180 100

182 90.3 75.5 113.3

145 32.8 26.4 39.6

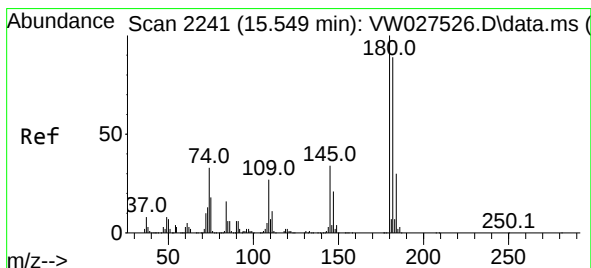
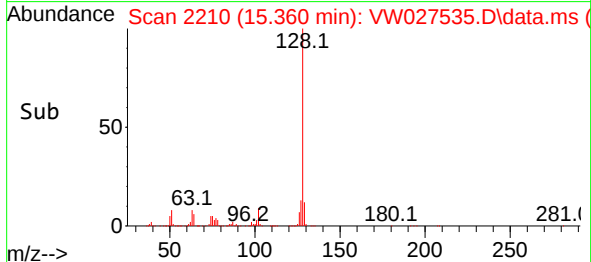
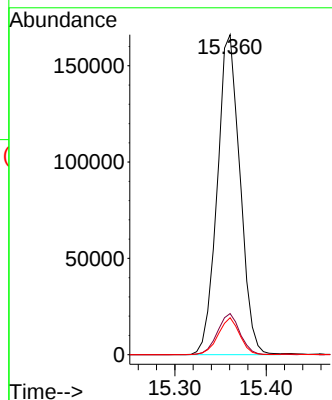
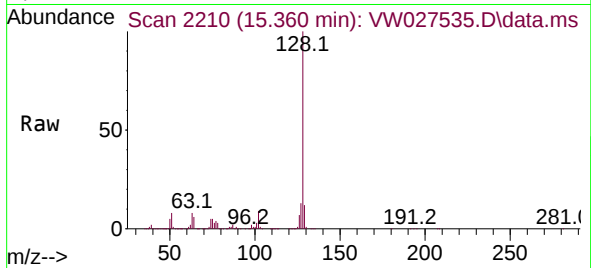




#71
Naphthalene
Concen: 23.375 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 287641
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.698 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027535.D
Acq: 03 Nov 2023 15:02

Tgt Ion:180 Resp: 121526
Ion Ratio Lower Upper
180 100
182 92.7 81.1 121.7
145 32.5 30.6 45.8

