

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
 Data File : VW027515.D
 Acq On : 02 Nov 2023 11:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 22:02:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	94108	18.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.360%
7) Chloroethane-d5	2.905	69	84552	22.945	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.027	65	49159	19.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.480%
21) 2-Butanone-d5	7.081	46	81763	47.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.860%
24) Chloroform-d	7.654	84	251936	25.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	8.307	65	125741	23.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.276	84	465482	21.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	9.276	67	158106	24.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	10.324	98	399914	20.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.581	79	55402	18.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.200%
47) 2-Hexanone-d5	10.922	63	61294	45.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125176	25.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	13.854	152	142736	23.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	96382	24.089	ug/L	93
3) Chloromethane	2.222	50	119446	25.977	ug/L	96
5) Vinyl chloride	2.375	62	141159	27.483	ug/L	99
6) Bromomethane	2.795	94	77739	26.573	ug/L	94
8) Chloroethane	2.942	64	85549	28.935	ug/L	98
9) Trichlorofluoromethane	3.277	101	117910	32.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	126541	27.888	ug/L	98
12) 1,1-Dichloroethene	4.045	96	114295	25.920	ug/L	86
13) Acetone	4.130	43	70214	47.657	ug/L	99
14) Carbon disulfide	4.393	76	290887	21.279	ug/L	99
15) Methyl Acetate	4.679	43	56391	22.409	ug/L	97
16) Methylene chloride	4.917	84	140296	22.792	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	120636	25.456	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	208538	25.505	ug/L	99
19) 1,1-Dichloroethane	6.222	63	270731	28.000	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	142760	26.675	ug/L	98
22) 2-Butanone	7.173	43	84940	38.517	ug/L	100
23) Bromochloromethane	7.520	128	55903	25.300	ug/L	91
25) Chloroform	7.679	83	260239	28.757	ug/L	99

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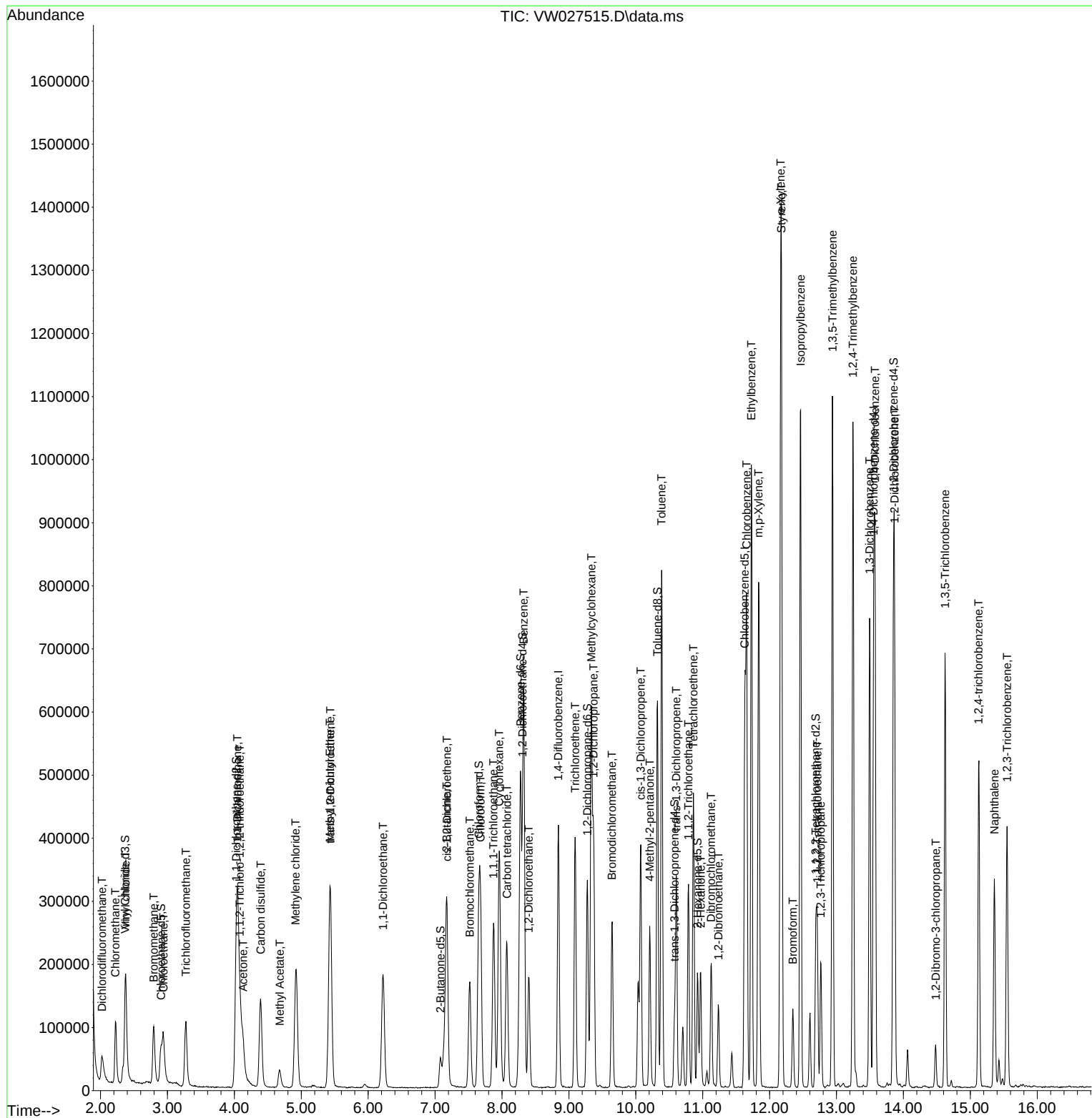
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161059	26.200	ug/L	99
29) Cyclohexane	7.959	56	227450	23.950	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	210902	27.642	ug/L	99
31) Carbon tetrachloride	8.075	117	175635	25.529	ug/L	100
33) Benzene	8.325	78	554177	27.110	ug/L	100
34) Trichloroethene	9.093	95	142818	26.450	ug/L	93
35) Methylcyclohexane	9.337	83	235097	24.347	ug/L	99
37) 1,2-Dichloropropane	9.367	63	155856	28.198	ug/L	99
38) Bromodichloromethane	9.642	83	179365	26.391	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	227870	24.958	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	172186	45.299	ug/L	99
42) Toluene	10.385	91	579675	27.032	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	178330	23.148	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	99859	26.255	ug/L	97
46) Tetrachloroethene	10.861	164	100170	26.866	ug/L	90
48) 2-Hexanone	10.971	43	124187	44.142	ug/L	98
49) Dibromochloromethane	11.123	129	103970	24.614	ug/L	97
50) 1,2-Dibromoethane	11.233	107	89295	24.215	ug/L	99
51) Chlorobenzene	11.654	112	371543	27.669	ug/L	95
52) Ethylbenzene	11.727	91	687080	27.572	ug/L	98
53) m,p-Xylene	11.836	106	250858	26.541	ug/L	98
54) o-Xylene	12.166	106	241906	26.727	ug/L	99
55) Styrene	12.178	104	418903	27.100	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	118505	25.523	ug/L	97
59) Bromoform	12.349	173	53260	21.456	ug/L	99
60) Isopropylbenzene	12.464	105	695166	26.527	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	84302	23.145	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	572437	26.187	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	559057	26.139	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	288075	27.108	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	290484	27.371	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	254727	27.013	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	17020	18.696	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	198764	28.812	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	155148	26.423	ug/L	98
71) Naphthalene	15.360	128	273828	22.678	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	128238	26.560	ug/L	94

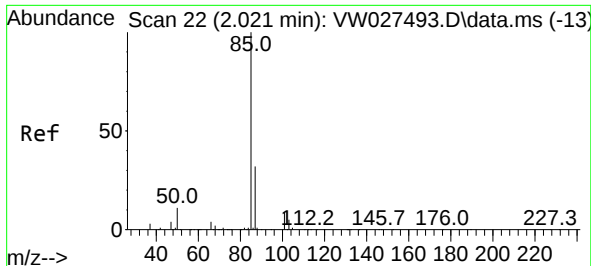
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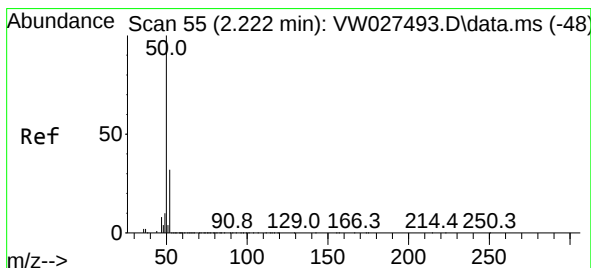
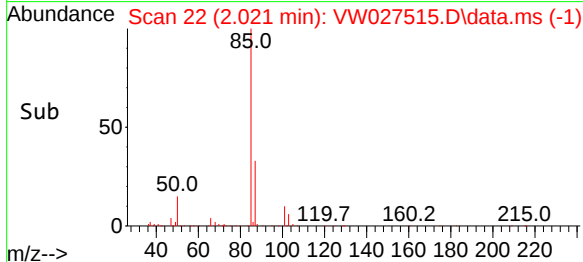
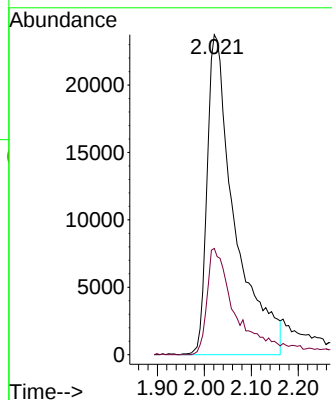
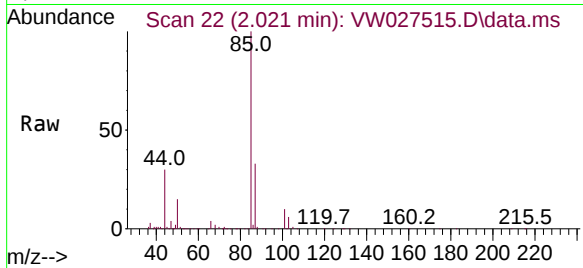




#2
 Dichlorodifluoromethane
 Concen: 24.089 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

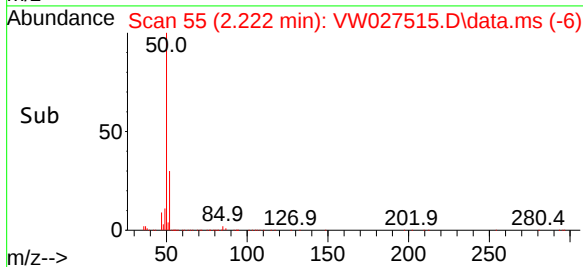
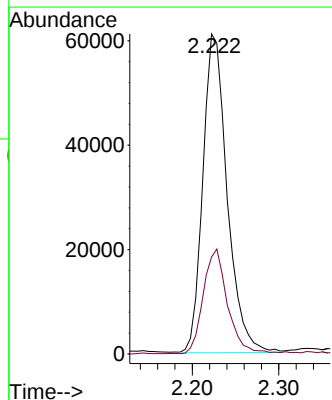
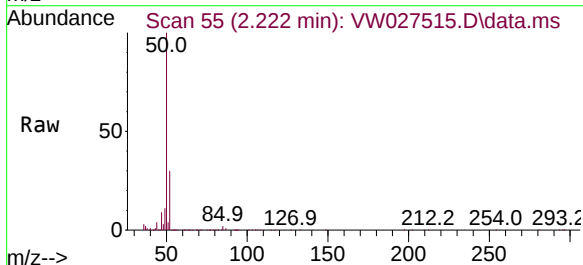
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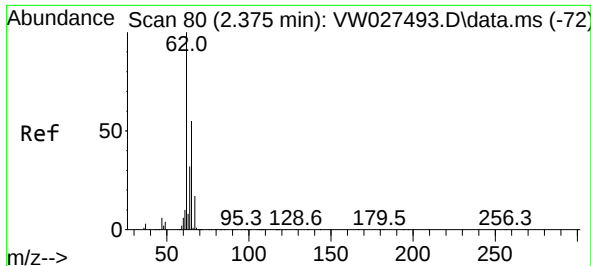
Tgt Ion: 85 Resp: 96382
 Ion Ratio Lower Upper
 85 100
 87 26.1 18.3 27.5



#3
 Chloromethane
 Concen: 25.977 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

Tgt Ion: 50 Resp: 119446
 Ion Ratio Lower Upper
 50 100
 52 30.3 22.7 42.3

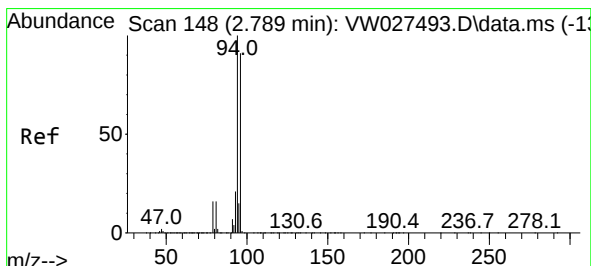
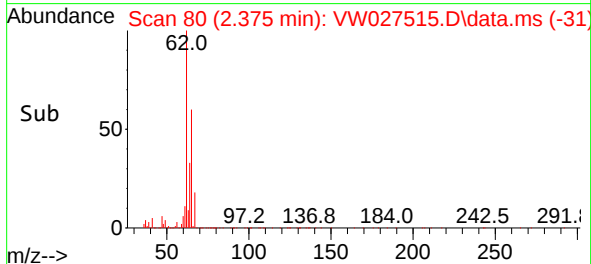
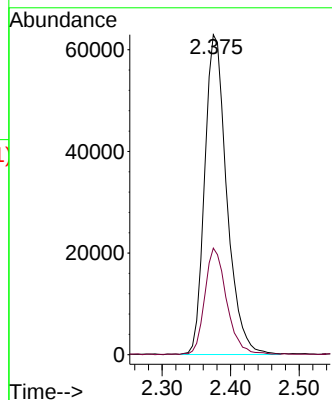
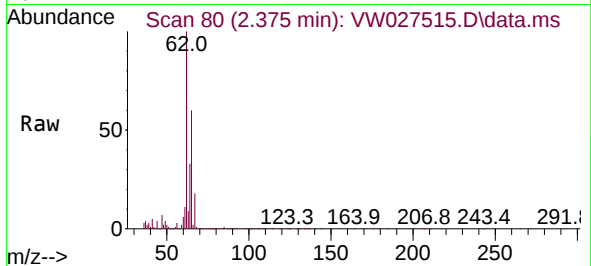




#5
 Vinyl chloride
 Concen: 27.483 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

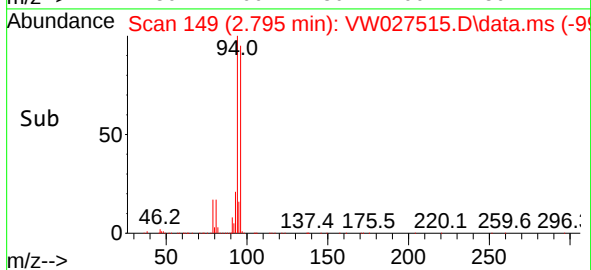
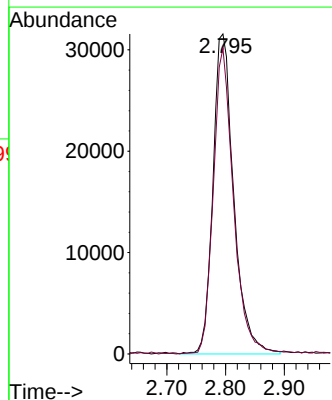
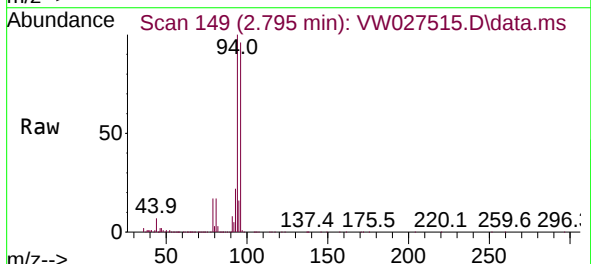
Instrument :
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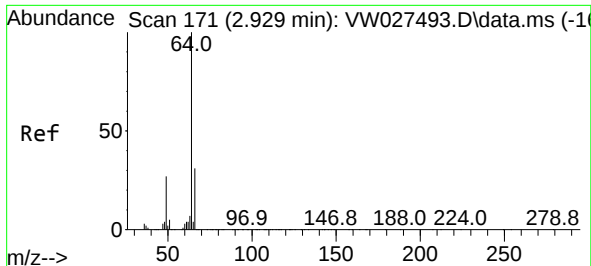
Tgt Ion: 62 Resp: 141159
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.8 44.2



#6
 Bromomethane
 Concen: 26.573 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

Tgt Ion: 94 Resp: 77739
 Ion Ratio Lower Upper
 94 100
 96 95.6 62.9 116.9

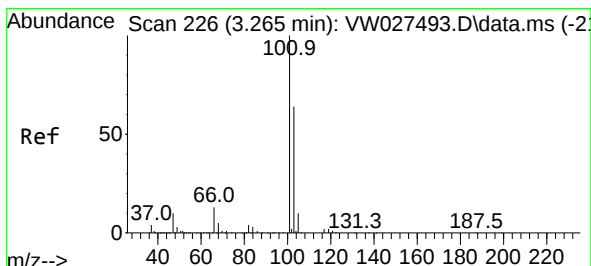
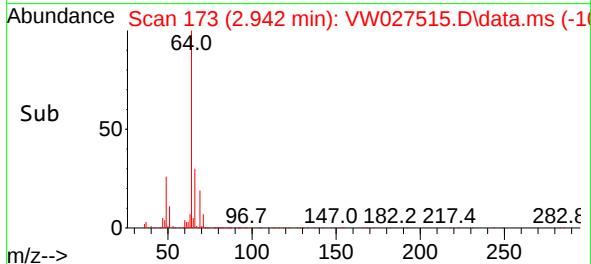
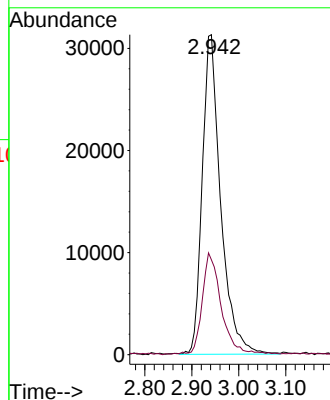
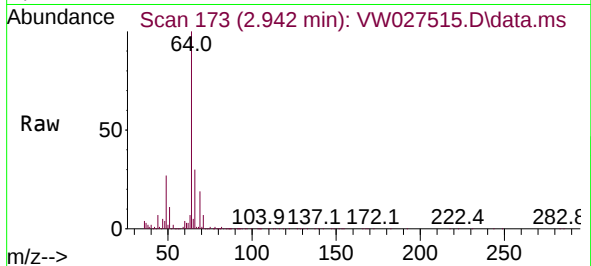




#8
Chloroethane
Concen: 28.935 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

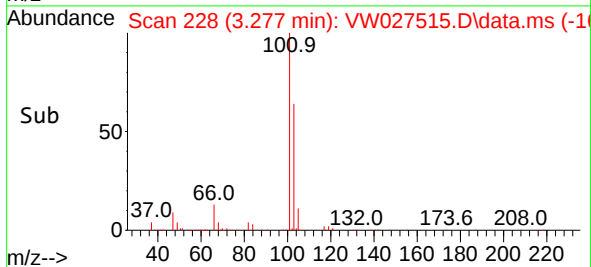
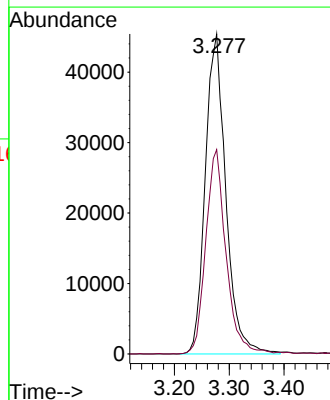
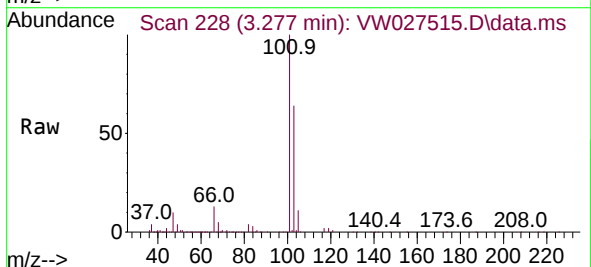
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MSVOA_W
ClientSampleId :

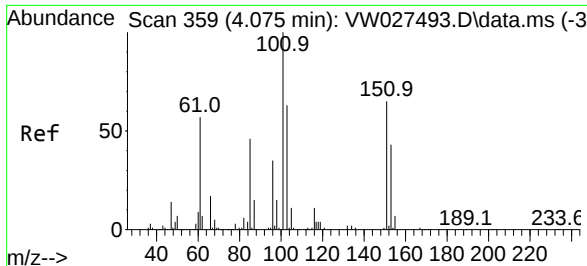
Tgt Ion: 64 Resp: 85549
Ion Ratio Lower Upper
64 100
66 29.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 32.539 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.012 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 101 Resp: 117910
Ion Ratio Lower Upper
101 100
103 62.6 51.6 77.4

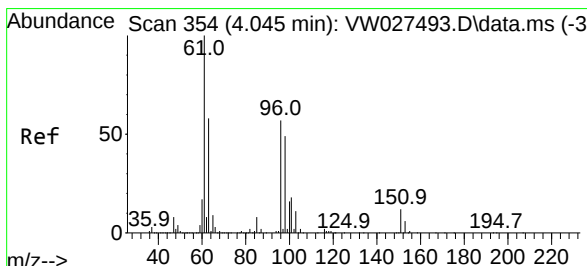
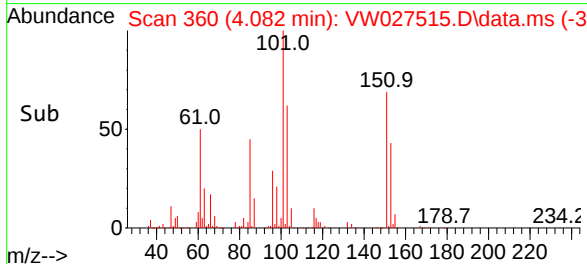
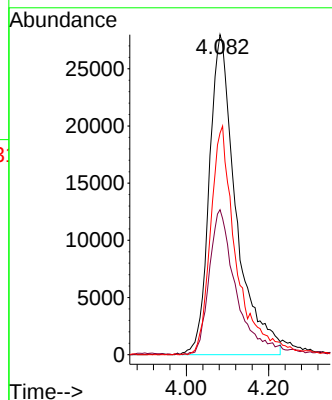
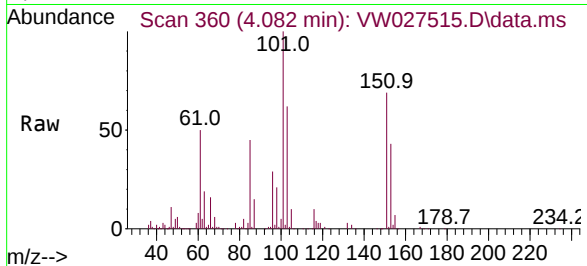




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.888 ug/L
RT: 4.082 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

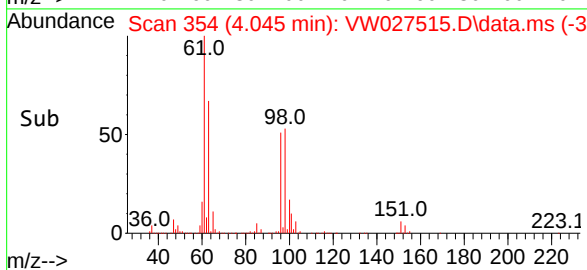
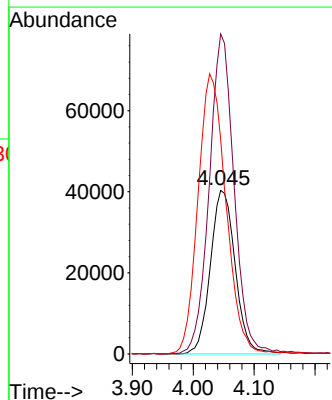
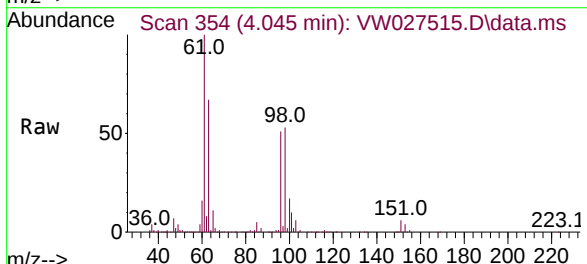
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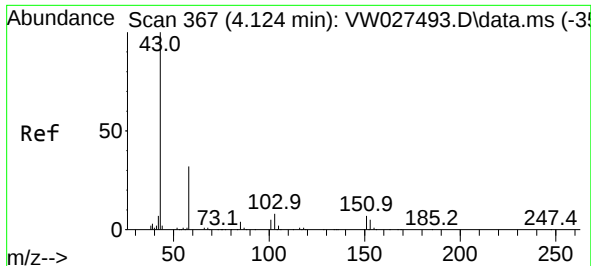
Tgt Ion:101 Resp: 126541
Ion Ratio Lower Upper
101 100
85 42.5 34.1 51.1
151 60.0 49.5 74.3



#12
1,1-Dichloroethene
Concen: 25.920 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 96 Resp: 114295
Ion Ratio Lower Upper
96 100
61 195.6 133.3 247.5
63 131.2 115.8 215.2

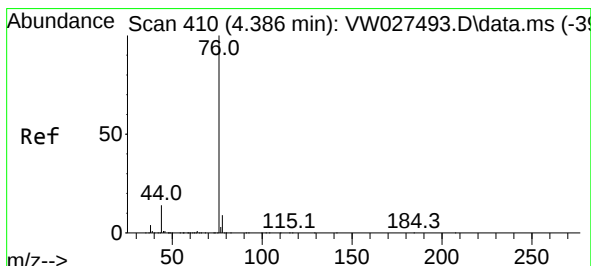
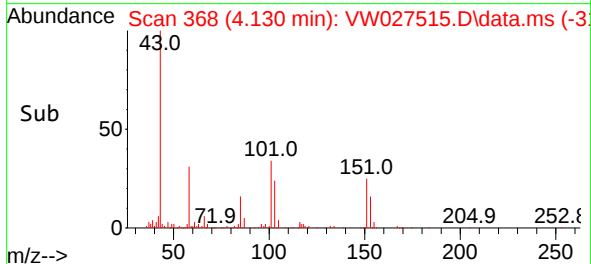
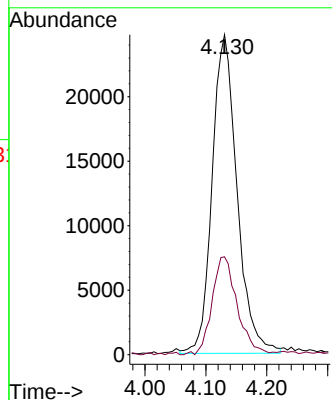
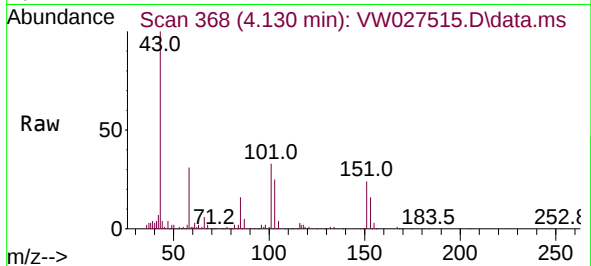




#13
Acetone
Concen: 47.657 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

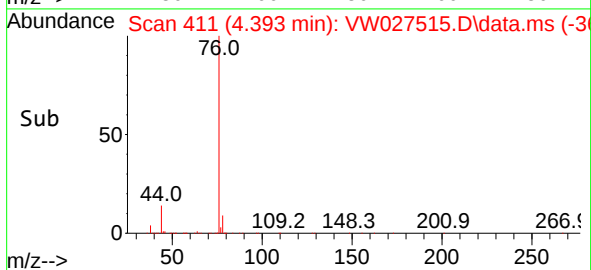
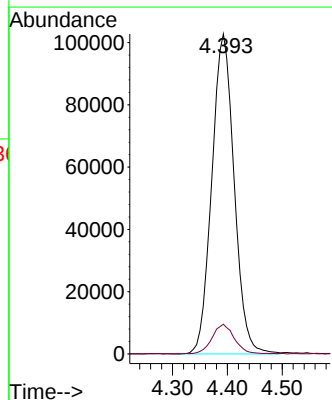
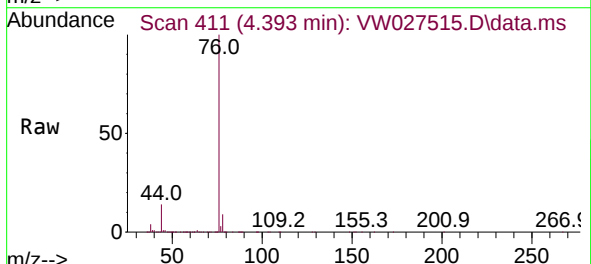
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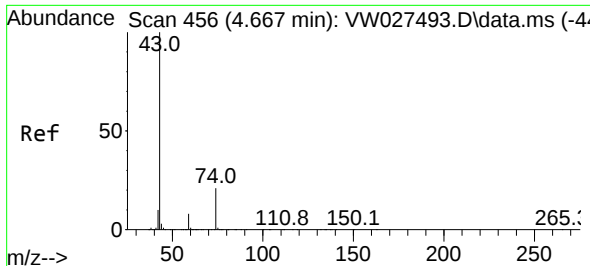
Tgt Ion: 43 Resp: 70214
Ion Ratio Lower Upper
43 100
58 30.8 0.0 60.8



#14
Carbon disulfide
Concen: 21.279 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 290887
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

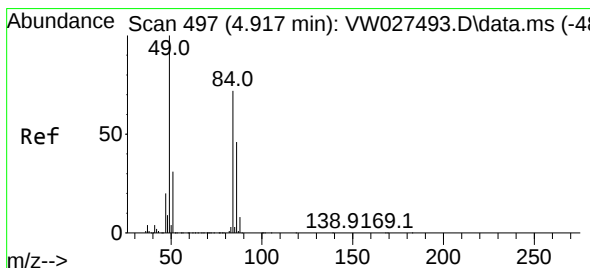
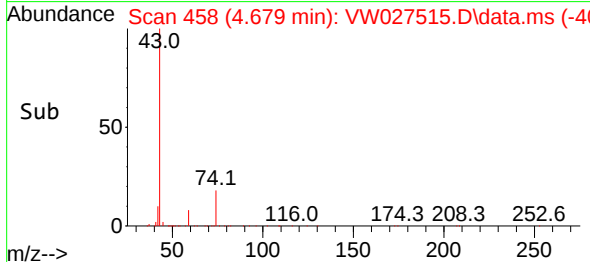
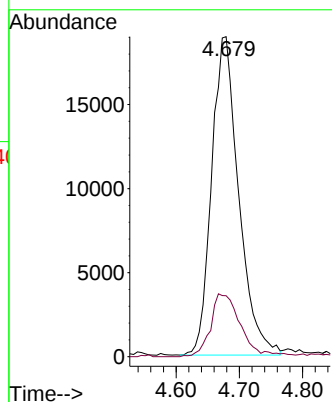
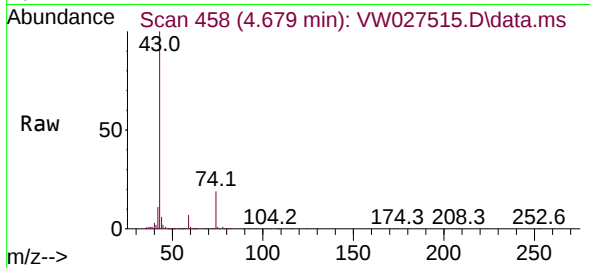




#15
Methyl Acetate
Concen: 22.409 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

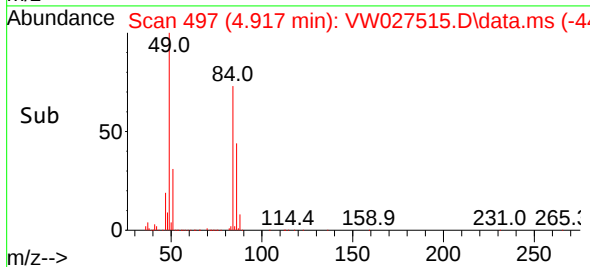
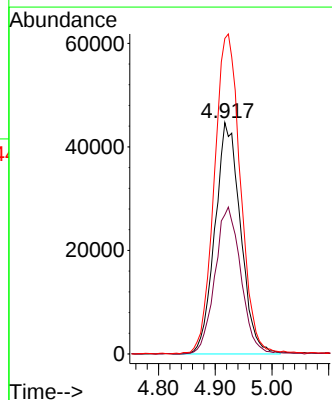
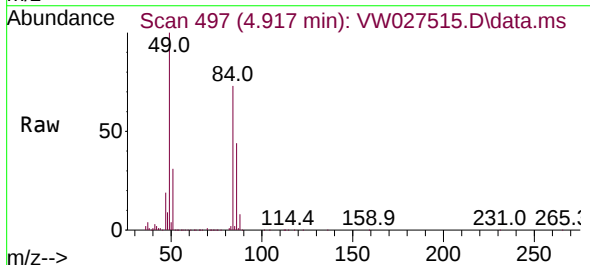
Instrument :
MSVOA_W
ClientSampleId :

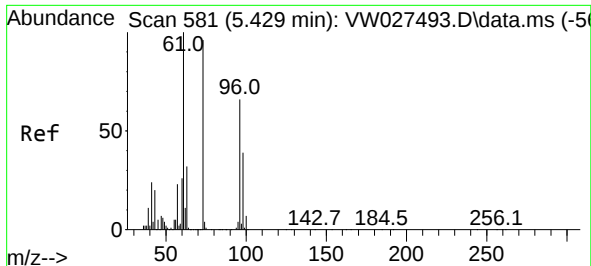
Tgt Ion: 43 Resp: 56391
Ion Ratio Lower Upper
43 100
74 20.3 17.5 26.3



#16
Methylene chloride
Concen: 22.792 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 84 Resp: 140296
Ion Ratio Lower Upper
84 100
86 60.2 41.3 76.7
49 136.4 92.8 172.4

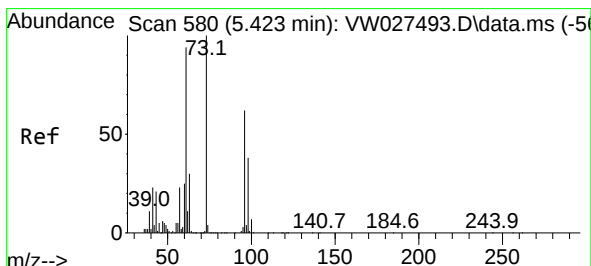
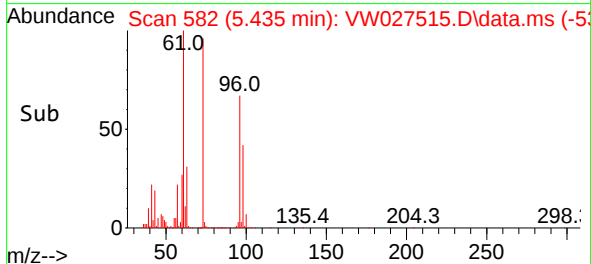
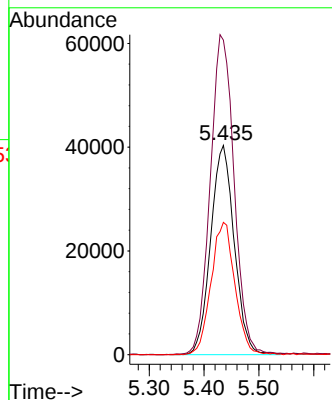
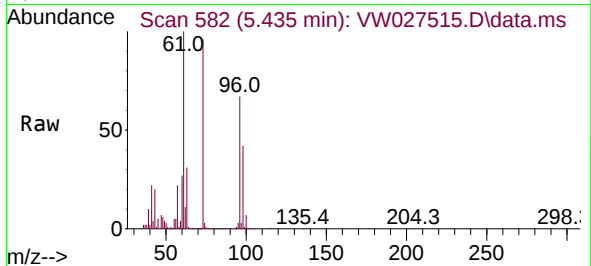




#17
trans-1,2-Dichloroethene
Concen: 25.456 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

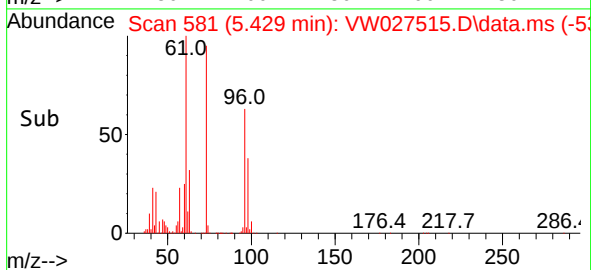
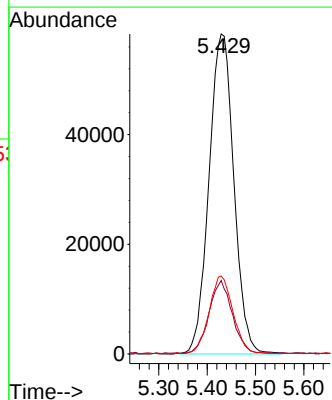
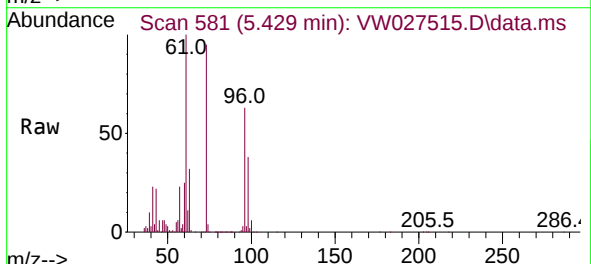
Instrument :
MSVOA_W
ClientSampleId :

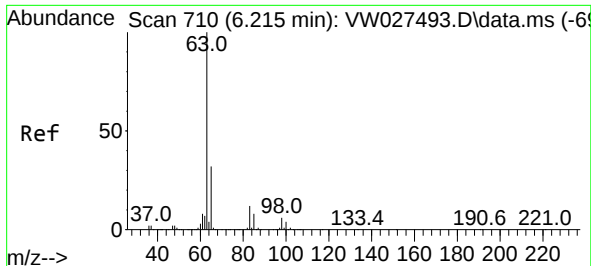
Tgt Ion: 96 Resp: 120636
Ion Ratio Lower Upper
96 100
61 150.3 105.6 196.0
98 63.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.505 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 73 Resp: 208538
Ion Ratio Lower Upper
73 100
43 21.3 17.7 26.5
57 23.3 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.000 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

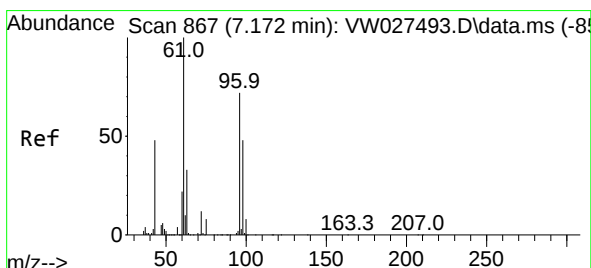
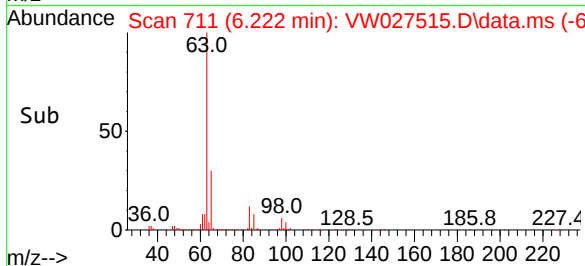
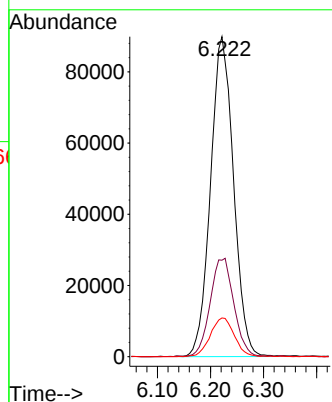
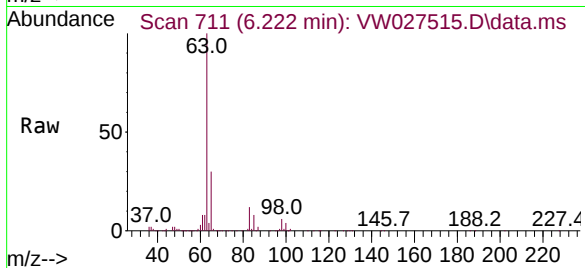
Tgt Ion: 63 Resp: 270731

Ion Ratio Lower Upper

63 100

65 30.1 22.9 42.5

83 12.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.675 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

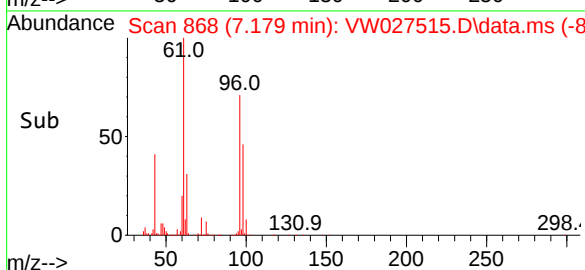
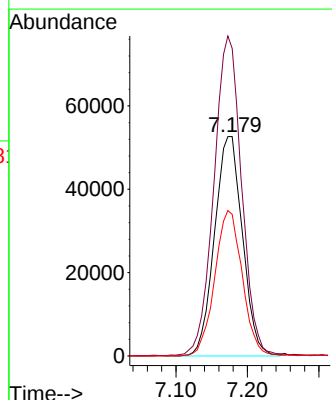
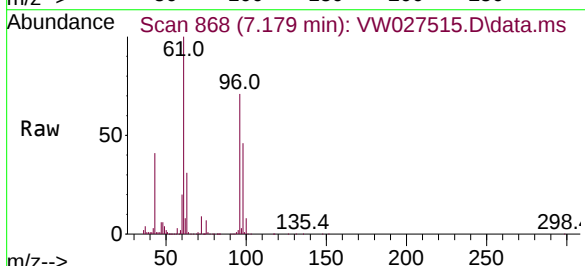
Tgt Ion: 96 Resp: 142760

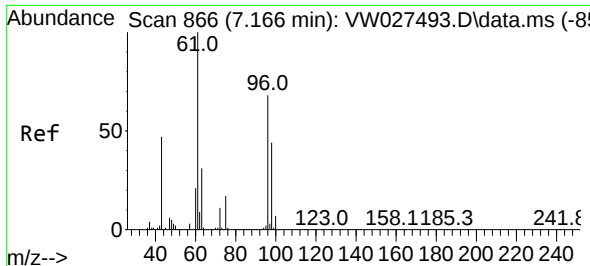
Ion Ratio Lower Upper

96 100

61 140.2 96.2 178.8

98 64.6 46.0 85.4

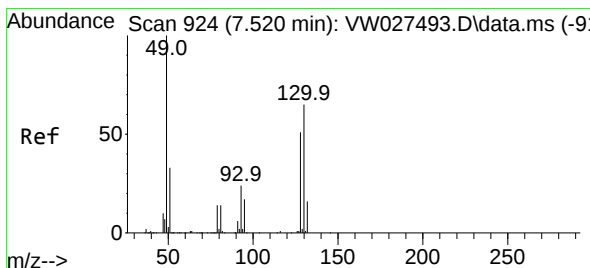
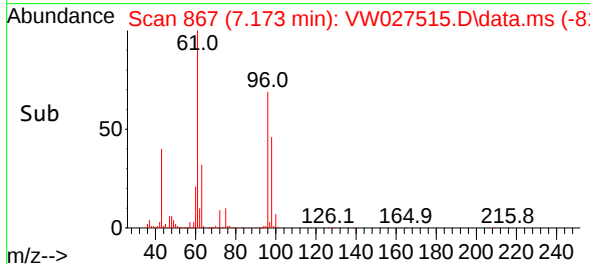
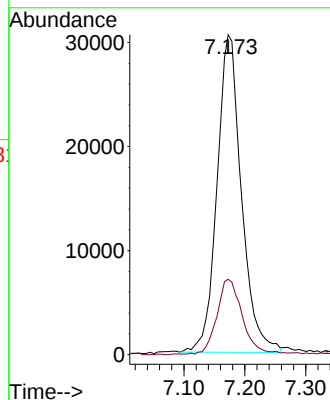
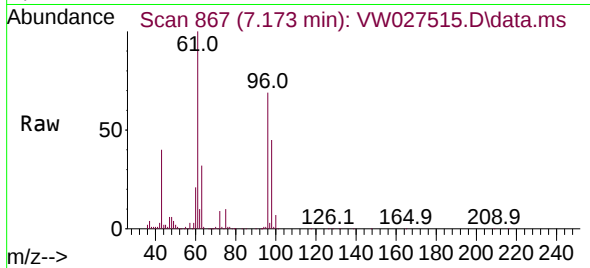




#22
2-Butanone
Concen: 38.517 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

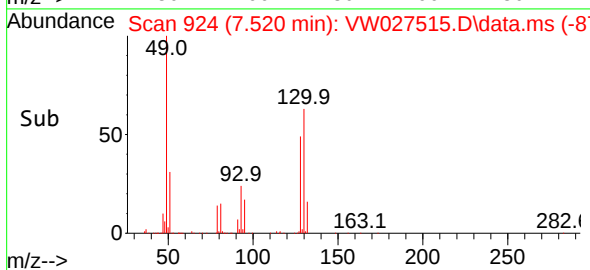
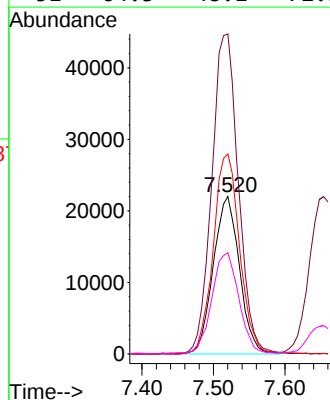
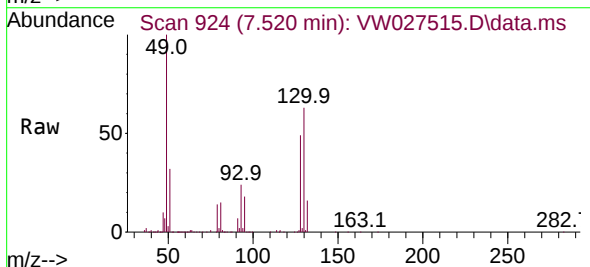
Instrument :
MSVOA_W
ClientSampleId :

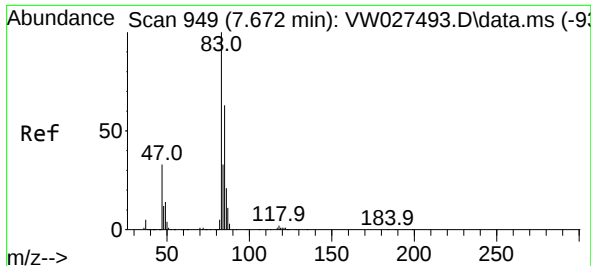
Tgt Ion: 43 Resp: 84940
Ion Ratio Lower Upper
43 100
72 24.5 12.3 36.8



#23
Bromochloromethane
Concen: 25.300 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 128 Resp: 55903
Ion Ratio Lower Upper
128 100
49 203.2 128.9 239.5
130 127.0 85.0 157.8
51 64.3 48.1 72.1

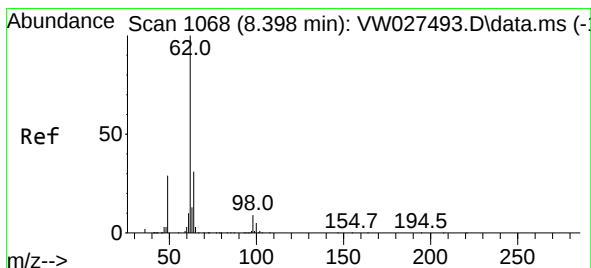
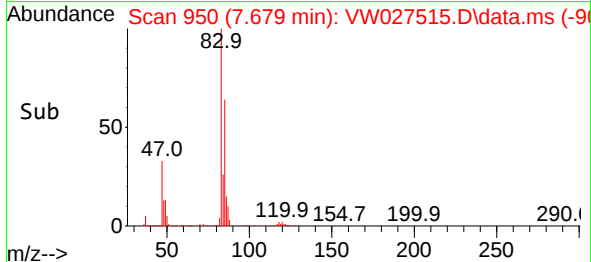
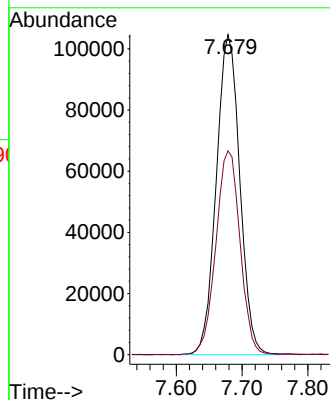
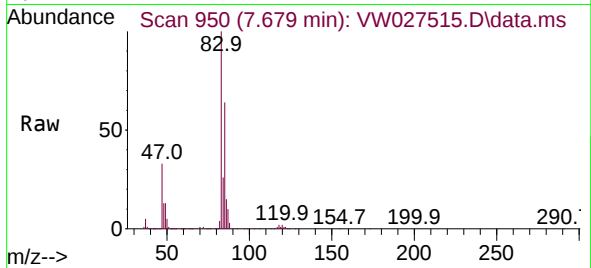




#25
Chloroform
Concen: 28.757 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

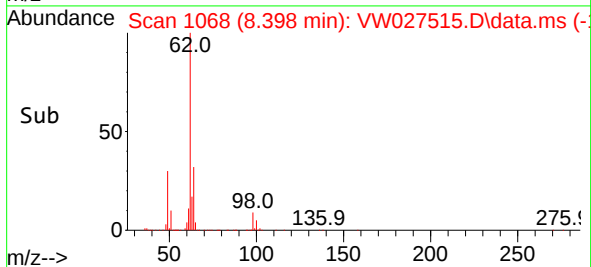
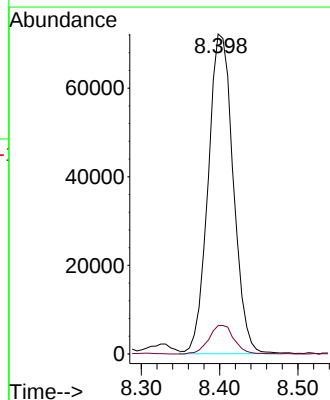
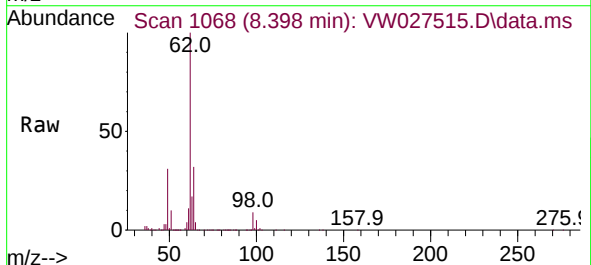
Instrument :
MSVOA_W
ClientSampleId :

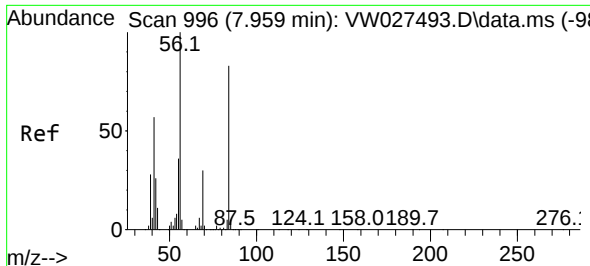
Tgt Ion: 83 Resp: 260239
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.200 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

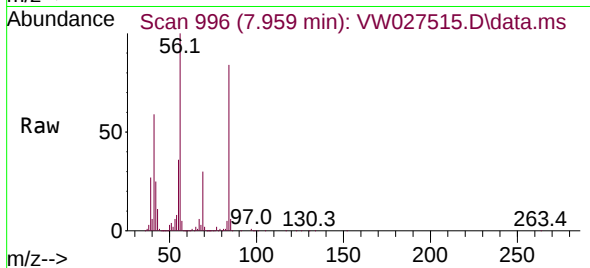
Tgt Ion: 62 Resp: 161059
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3



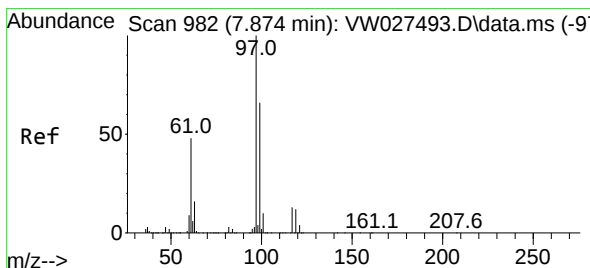
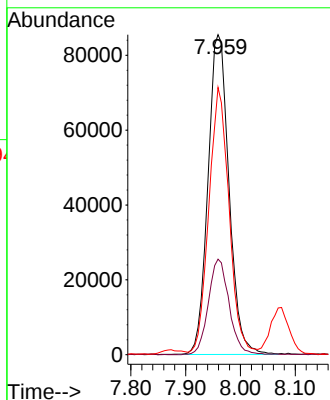
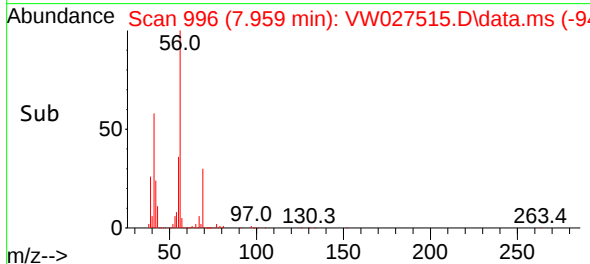


#29
Cyclohexane
Concen: 23.950 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Instrument :
MSVOA_W
ClientSampleId :

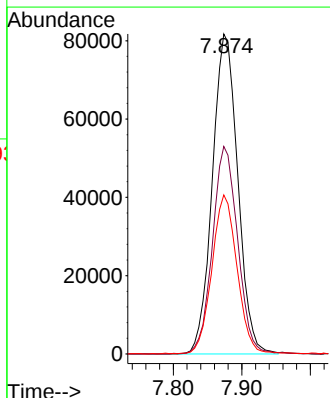
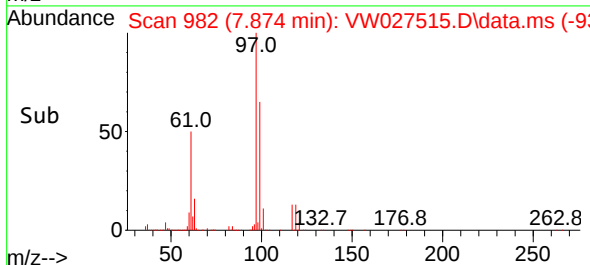
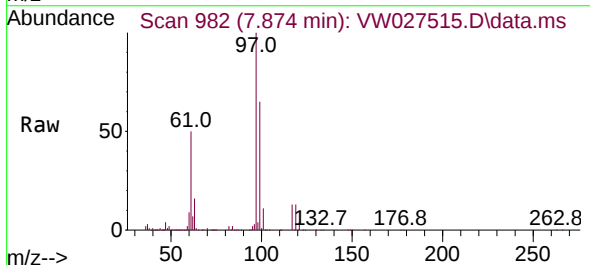


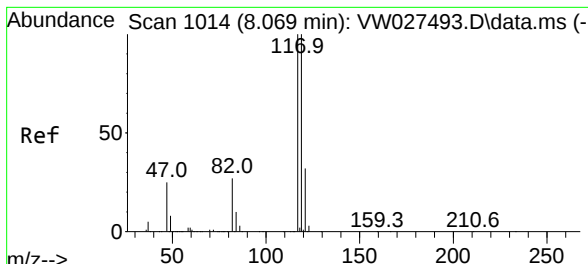
Tgt Ion: 56 Resp: 227450
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 80.6 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.642 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 97 Resp: 210902
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 48.8 37.4 56.0

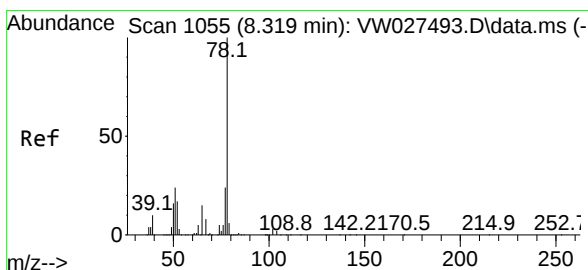
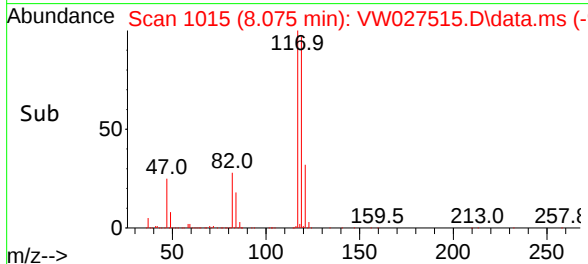
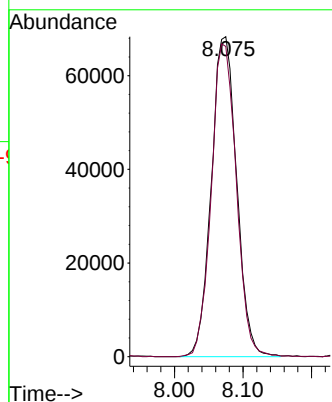
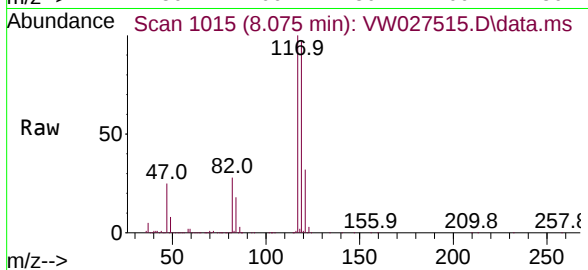




#31
Carbon tetrachloride
Concen: 25.529 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

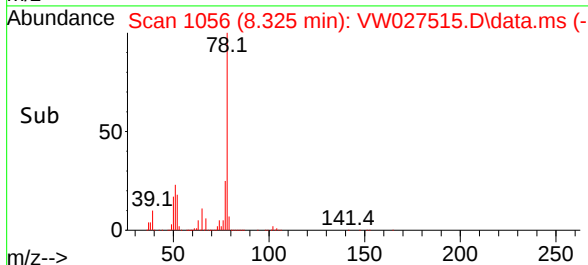
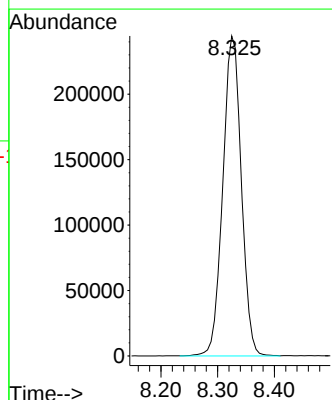
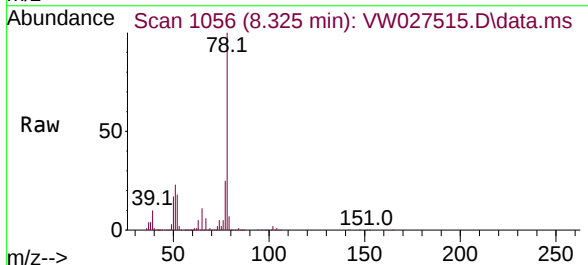
Instrument :
MSVOA_W
ClientSampleId :

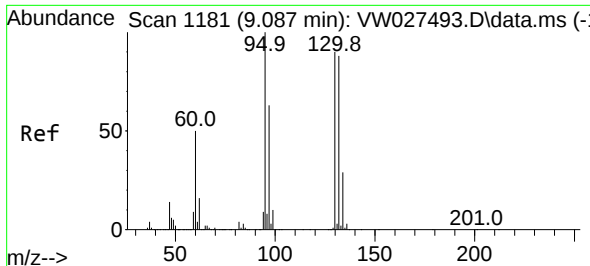
Tgt Ion:117 Resp: 175635
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 27.110 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 78 Resp: 554177

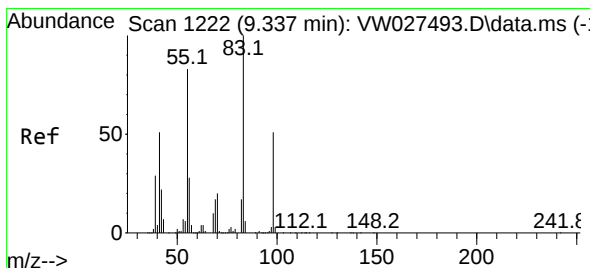
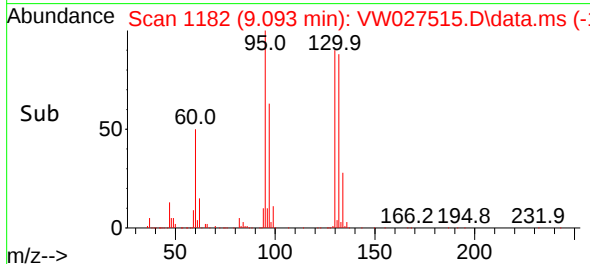
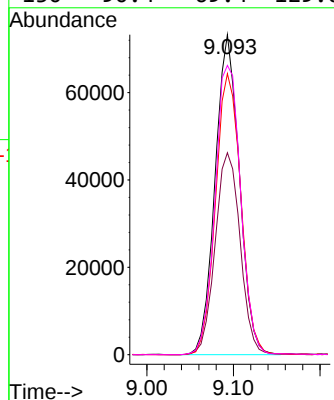
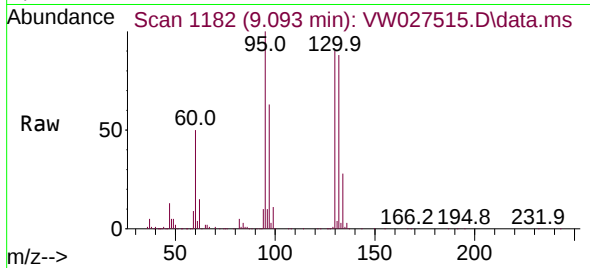




#34
Trichloroethene
Concen: 26.450 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

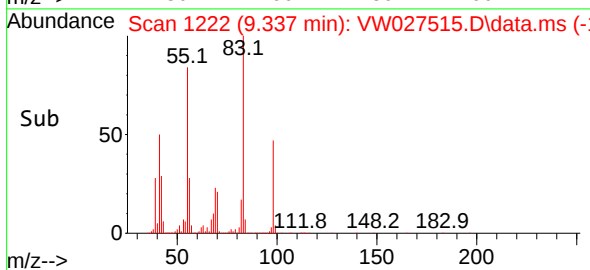
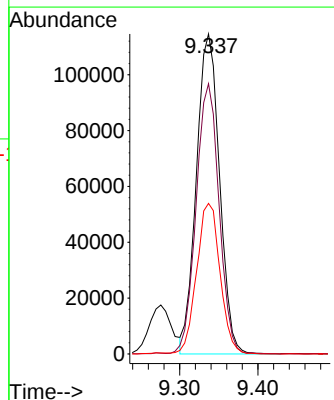
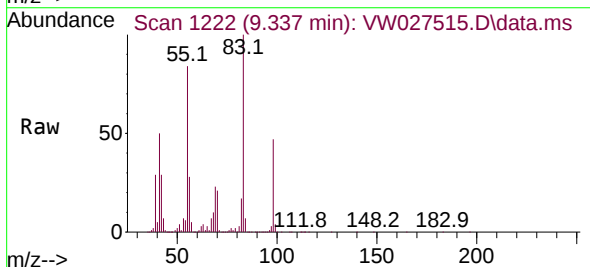
Instrument :
MSVOA_W
ClientSampleId :

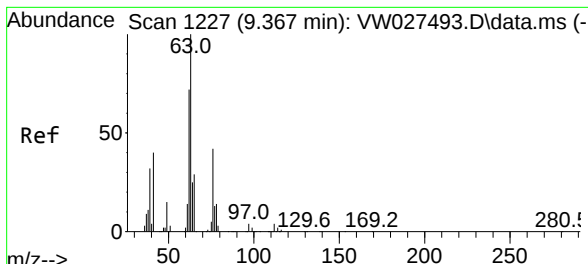
Tgt Ion: 95 Resp: 142818
Ion Ratio Lower Upper
95 100
97 63.1 43.4 80.6
132 87.8 67.6 125.6
130 90.4 69.4 129.0



#35
Methylcyclohexane
Concen: 24.347 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 83 Resp: 235097
Ion Ratio Lower Upper
83 100
55 84.1 65.8 98.8
98 47.7 38.1 57.1



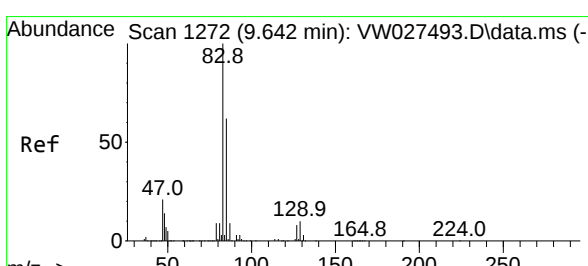
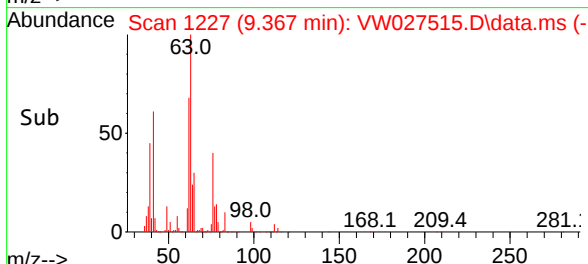
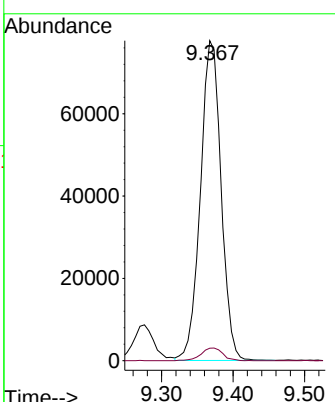
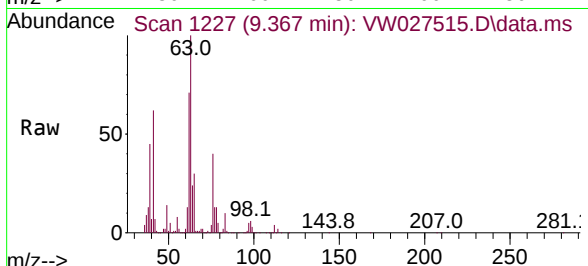


#37
 1,2-Dichloropropane
 Concen: 28.198 ug/L
 RT: 9.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 63 Resp: 155856

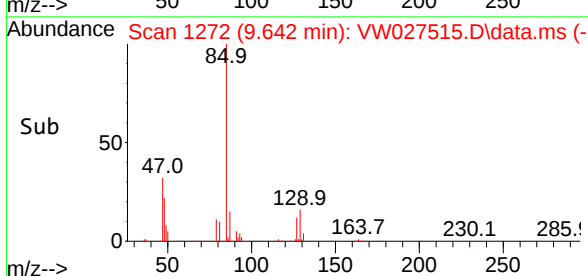
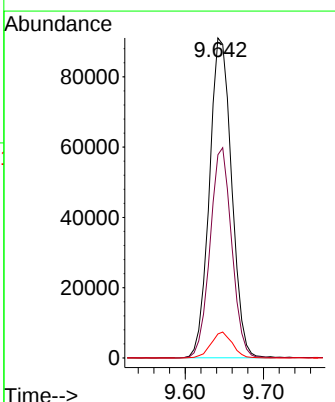
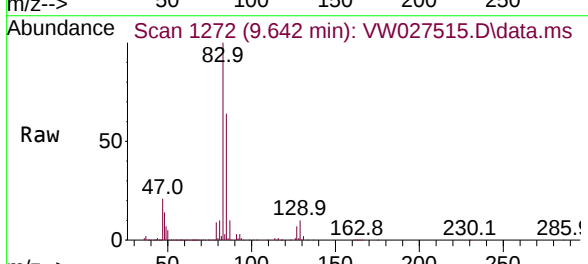
Ion	Ratio	Lower	Upper
63	100		
112	4.2	3.5	5.3

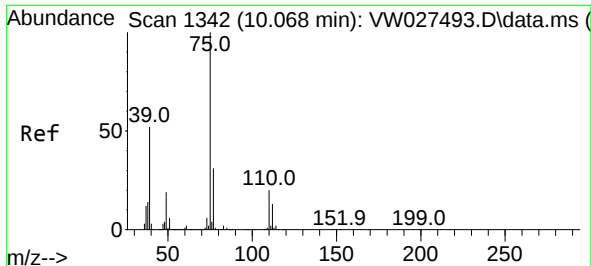


#38
 Bromodichloromethane
 Concen: 26.391 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW027515.D
 Acq: 02 Nov 2023 11:59

Tgt Ion: 83 Resp: 179365

Ion	Ratio	Lower	Upper
83	100		
85	63.5	43.9	81.5
127	7.5	6.2	9.2





#39

cis-1,3-Dichloropropene

Concen: 24.958 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

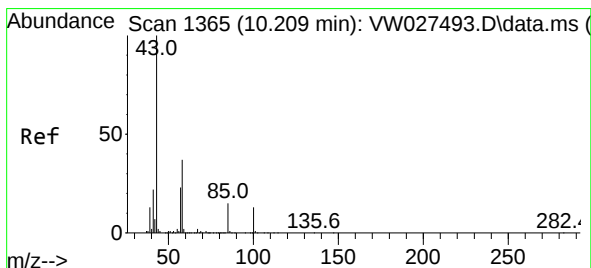
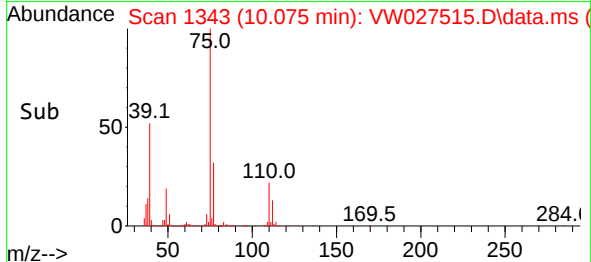
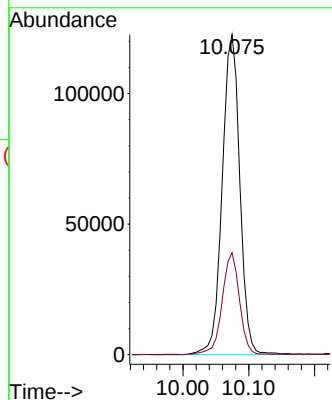
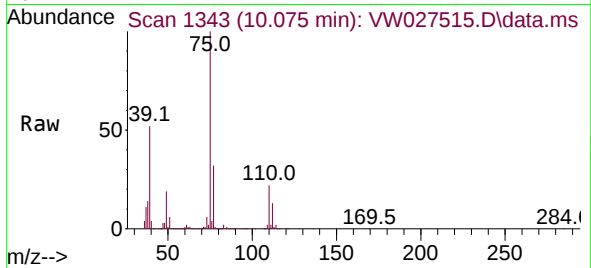
ClientSampleId :

Tgt Ion: 75 Resp: 227870

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 45.299 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

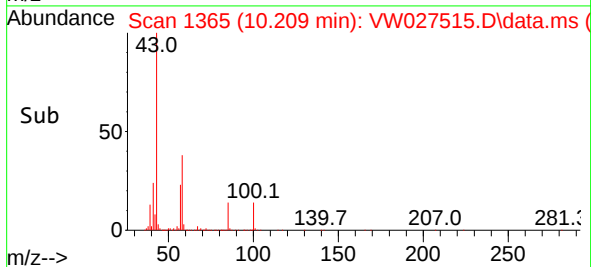
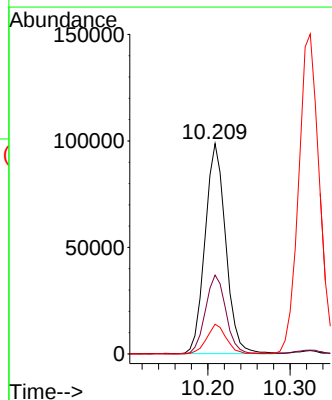
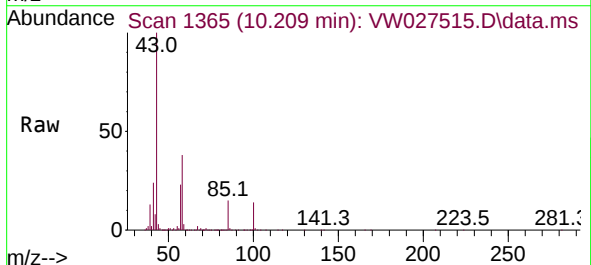
Tgt Ion: 43 Resp: 172186

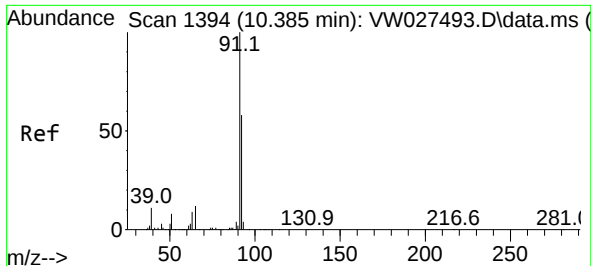
Ion Ratio Lower Upper

43 100

58 37.5 30.5 45.7

100 13.5 11.5 17.3

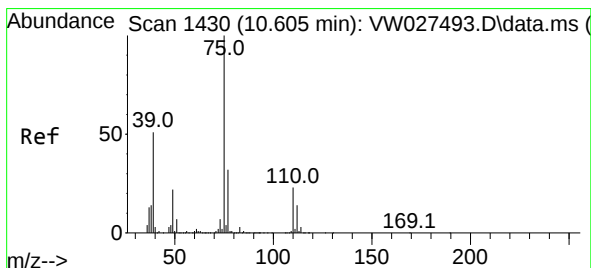
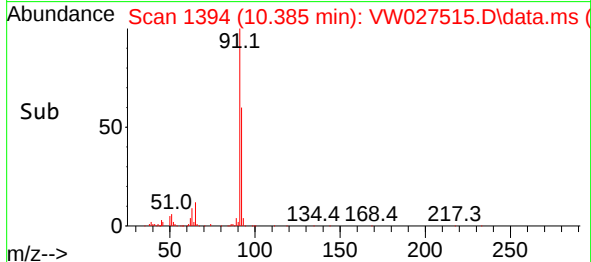
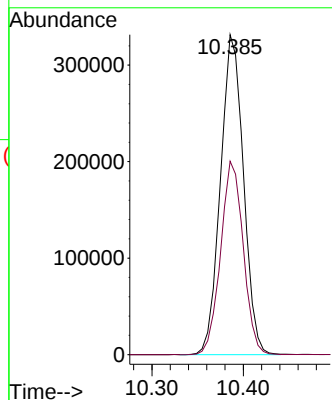
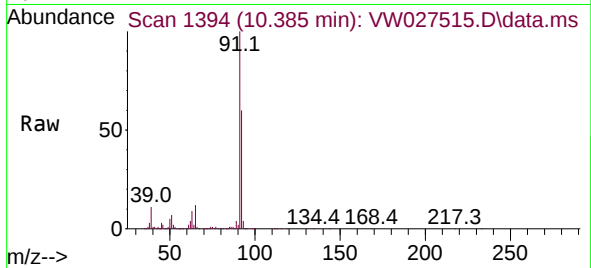




#42
Toluene
Concen: 27.032 ug/L
RT: 10.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

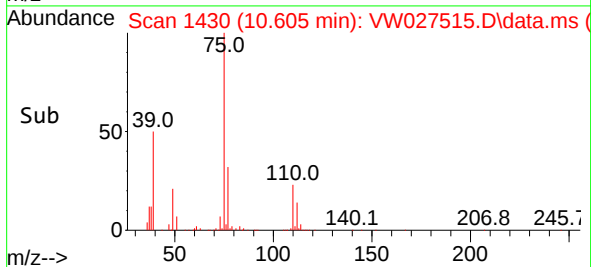
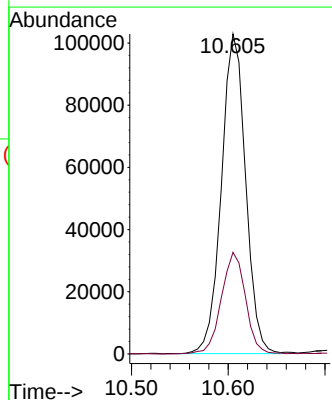
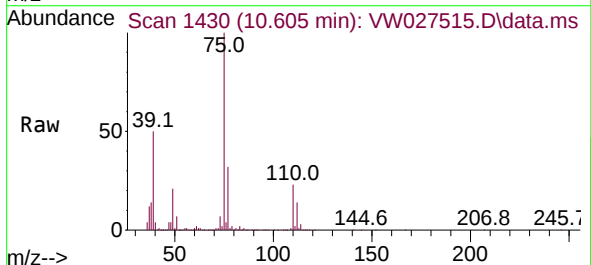
Instrument :
MSVOA_W
ClientSampleId :

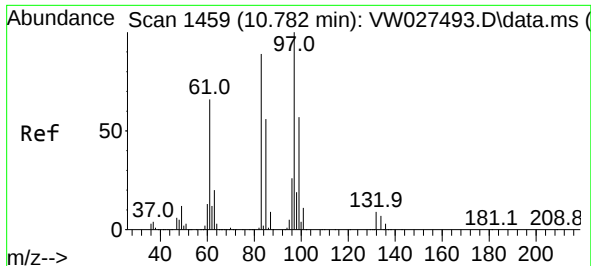
Tgt Ion: 91 Resp: 579675
Ion Ratio Lower Upper
91 100
92 60.5 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.148 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 75 Resp: 178330
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0

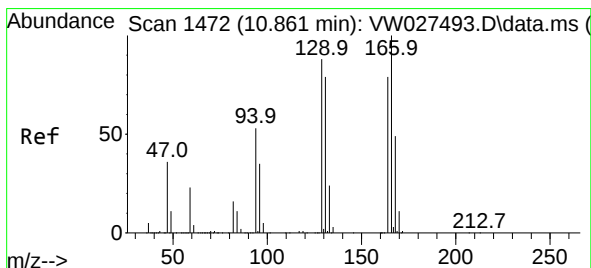
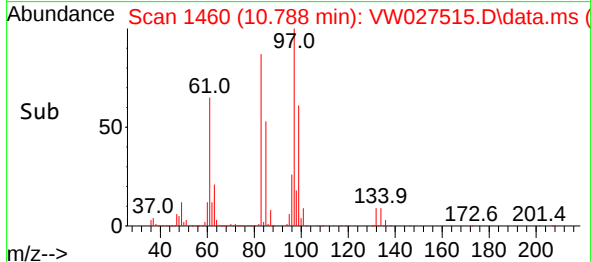
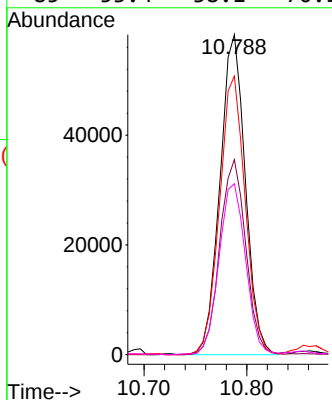
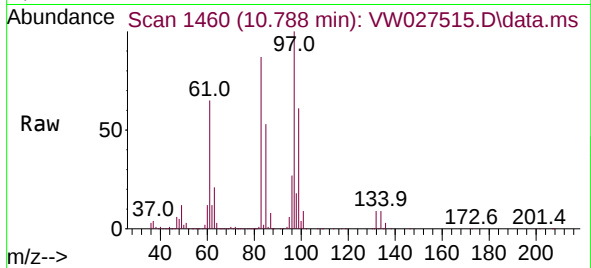




#45
1,1,2-Trichloroethane
Concen: 26.255 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

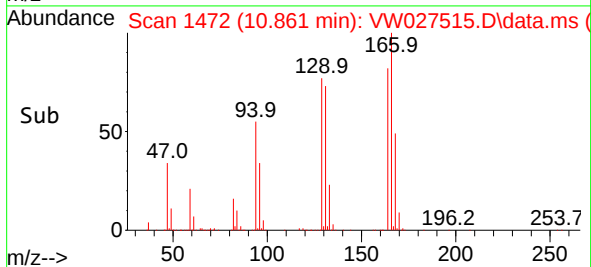
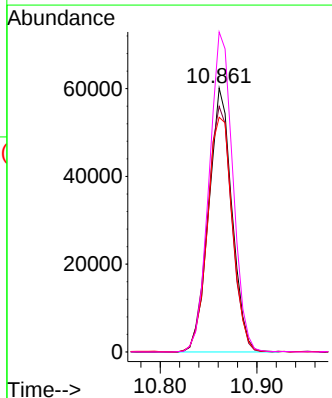
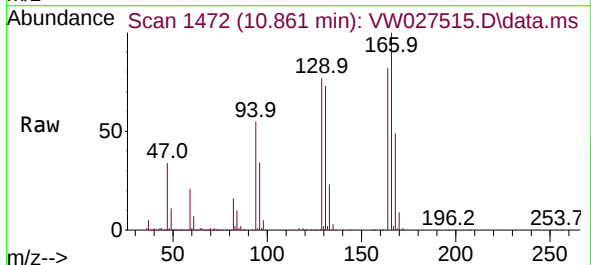
Instrument :
MSVOA_W
ClientSampleId :

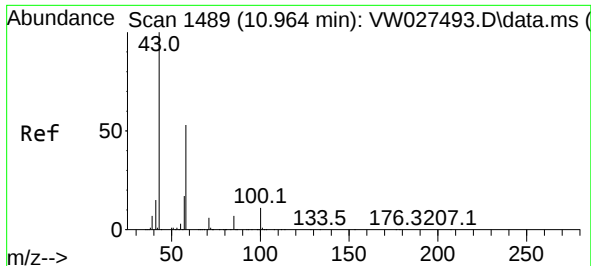
Tgt Ion: 97	Resp: 99859
Ion Ratio	Lower Upper
97 100	
99 60.9	43.8 81.4
83 87.1	57.5 106.7
85 53.4	38.1 70.9



#46
Tetrachloroethene
Concen: 26.866 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt	Ion:164	Resp:	100170
	Ratio	Lower	Upper
164	100		
129	93.0	74.7	138.7
131	88.9	73.2	136.0
166	121.2	87.3	162.1

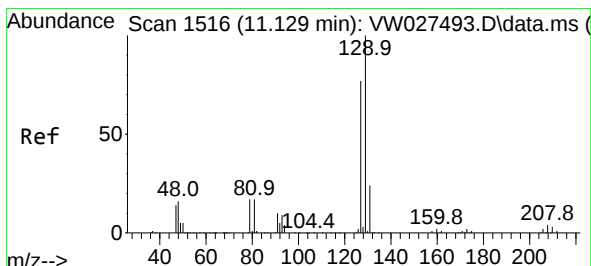
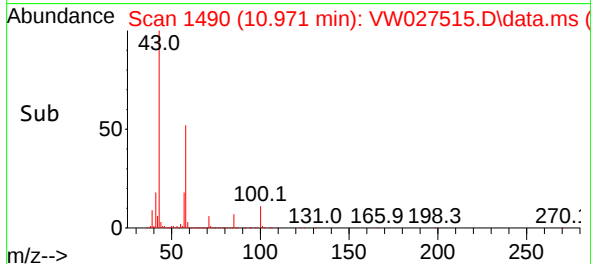
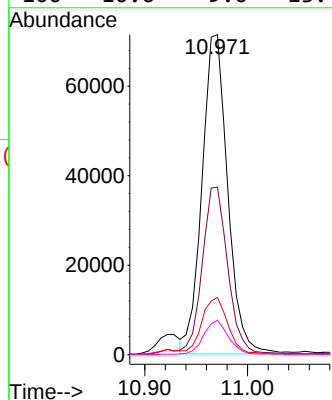
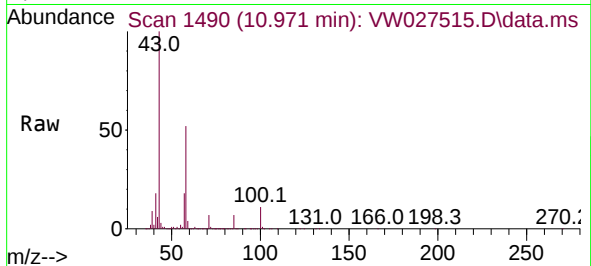




#48
2-Hexanone
Concen: 44.142 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

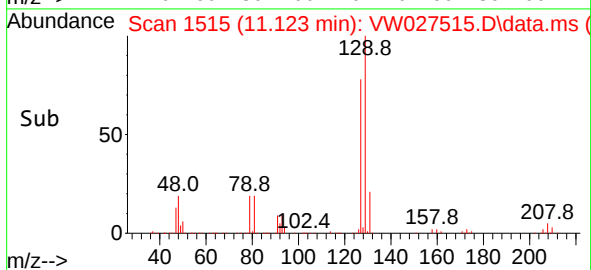
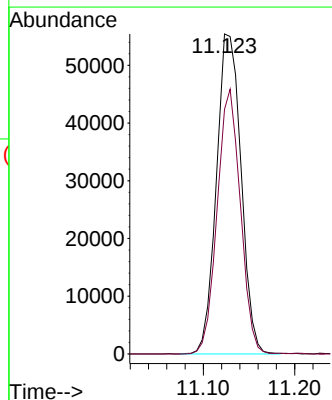
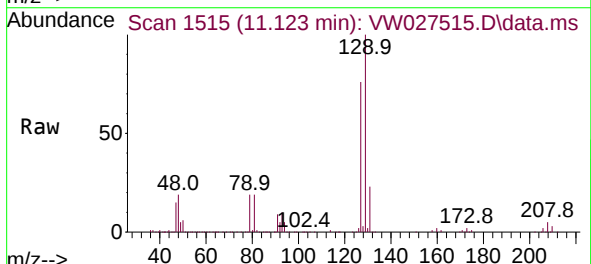
Instrument :
MSVOA_W
ClientSampleId :

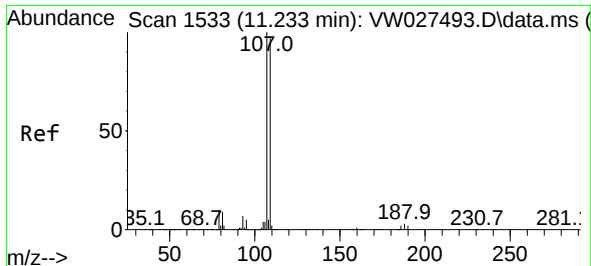
Tgt Ion: 43 Resp: 124187
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.4
57 17.9 15.1 22.7
100 10.6 9.0 13.4



#49
Dibromochloromethane
Concen: 24.614 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion: 129 Resp: 103970
Ion Ratio Lower Upper
129 100
127 76.4 51.7 95.9

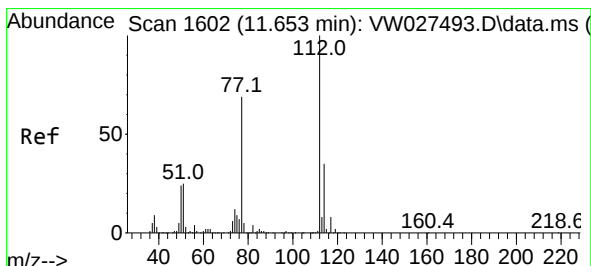
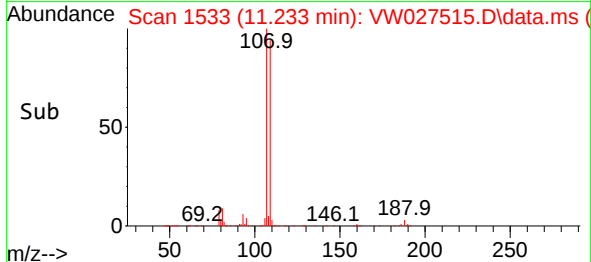
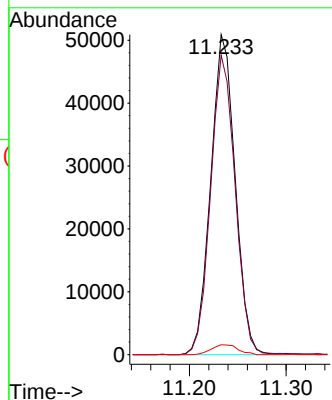
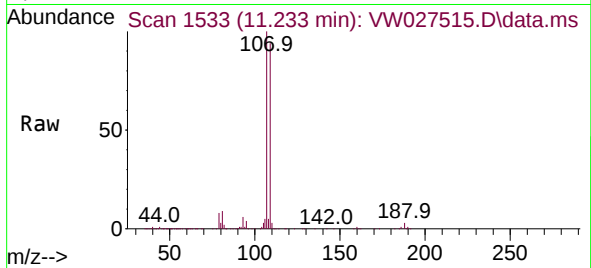




#50
1,2-Dibromoethane
Concen: 24.215 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

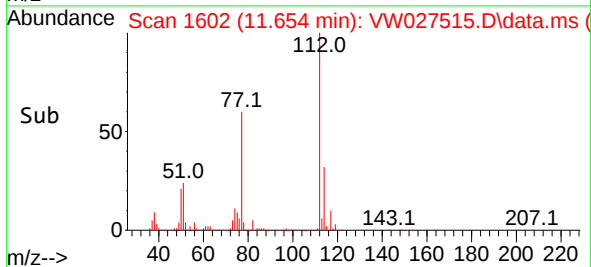
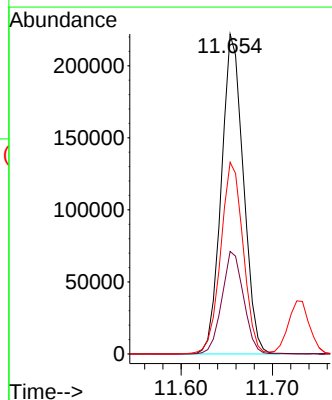
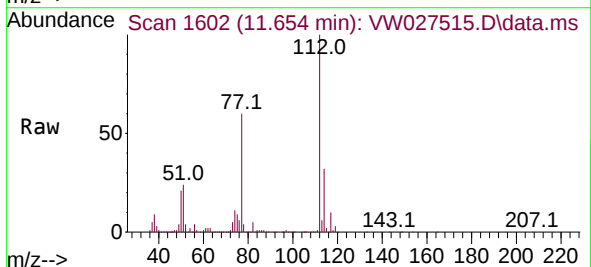
Instrument :
MSVOA_W
ClientSampleId :

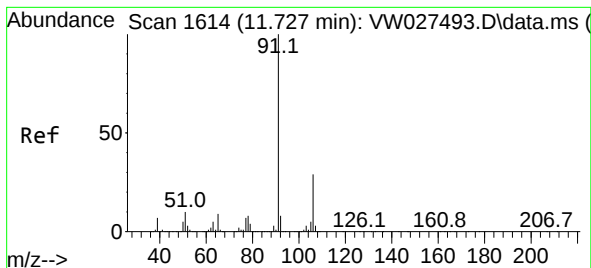
Tgt Ion:107 Resp: 89295
Ion Ratio Lower Upper
107 100
109 93.6 66.3 123.1
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 27.669 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion:112 Resp: 371543
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.6
77 59.9 52.2 78.4

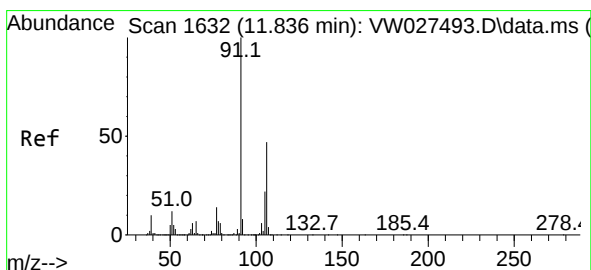
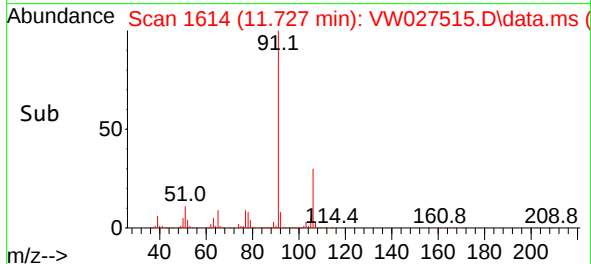
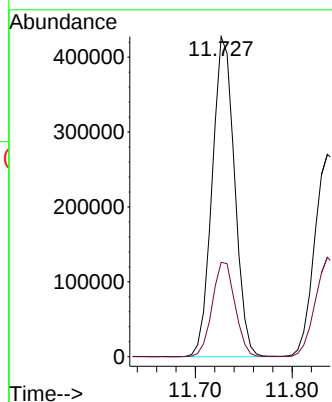
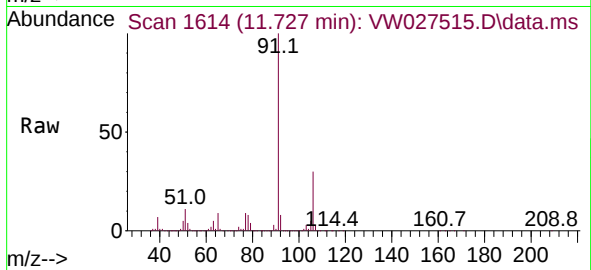




#52
Ethylbenzene
Concen: 27.572 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

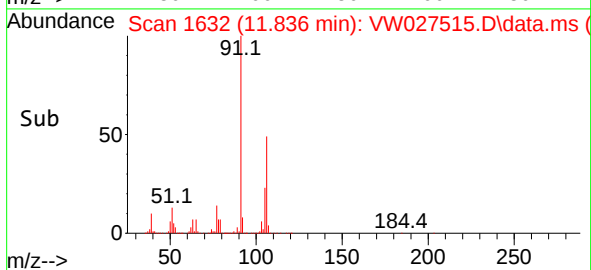
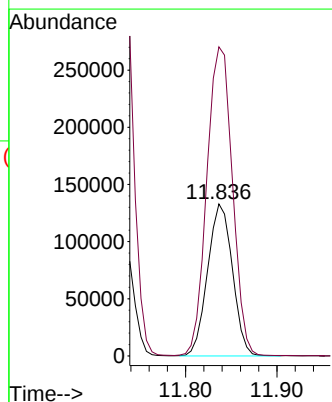
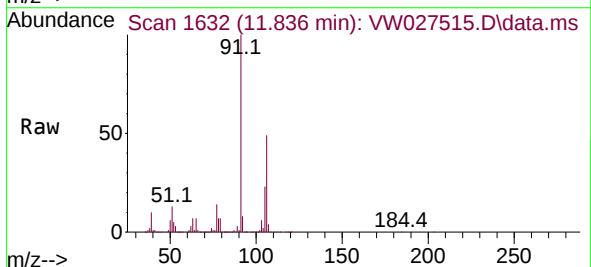
Instrument :
MSVOA_W
ClientSampleId :

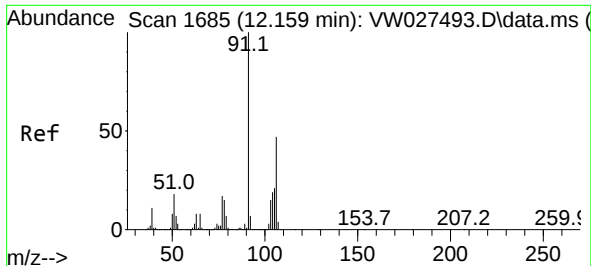
Tgt Ion: 91 Resp: 687080
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8



#53
m,p-Xylene
Concen: 26.541 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion:106 Resp: 250858
Ion Ratio Lower Upper
106 100
91 203.3 144.5 268.4

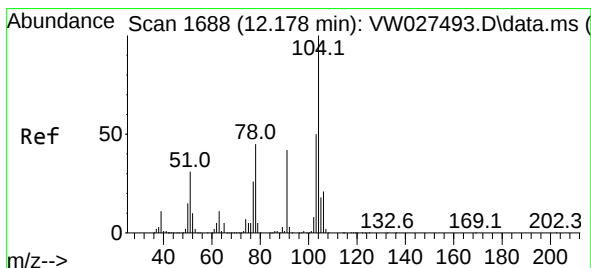
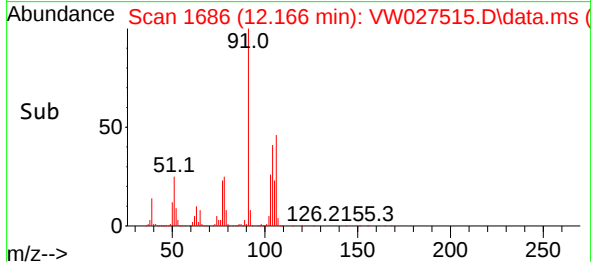
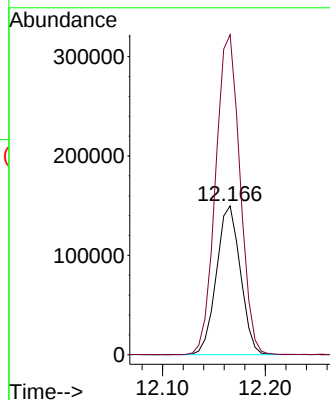
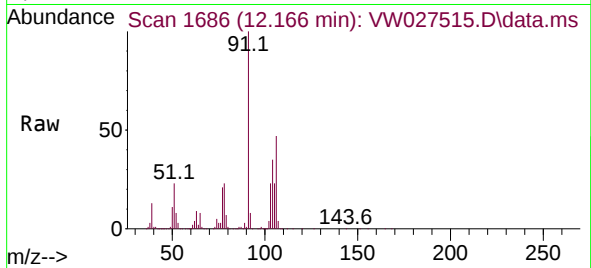




#54
o-Xylene
Concen: 26.727 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

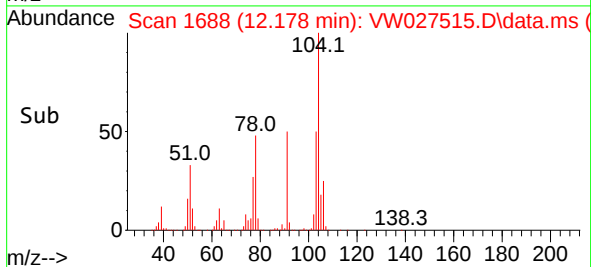
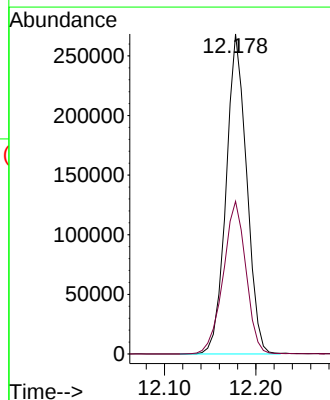
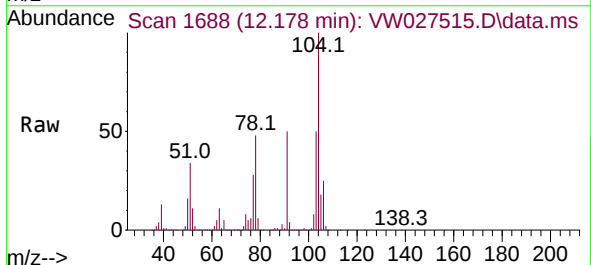
Instrument :
MSVOA_W
ClientSampleId :

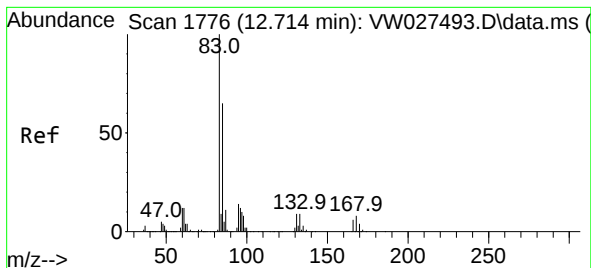
Tgt Ion:106 Resp: 241906
Ion Ratio Lower Upper
106 100
91 215.0 152.0 282.2



#55
Styrene
Concen: 27.100 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion:104 Resp: 418903
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.523 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

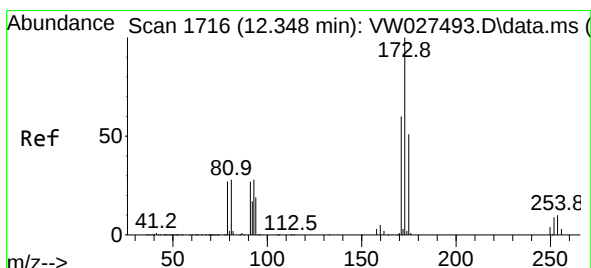
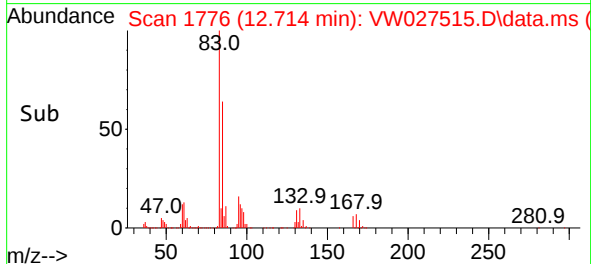
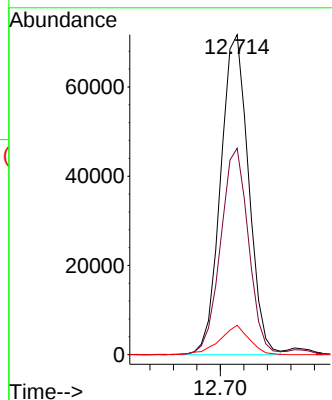
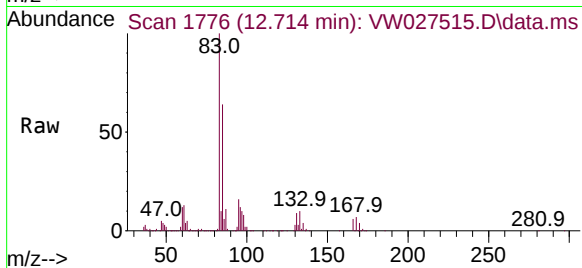
Tgt Ion: 83 Resp: 118505

Ion Ratio Lower Upper

83 100

85 64.5 43.2 80.2

131 9.2 7.2 10.8



#59

Bromoform

Concen: 21.456 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

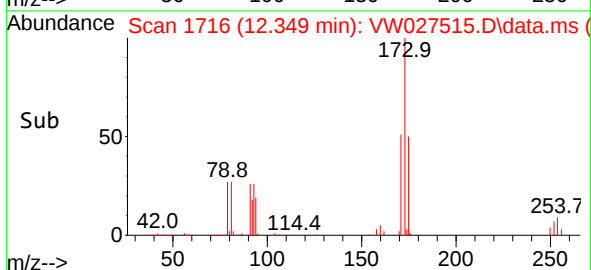
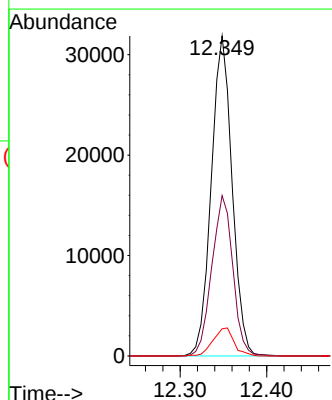
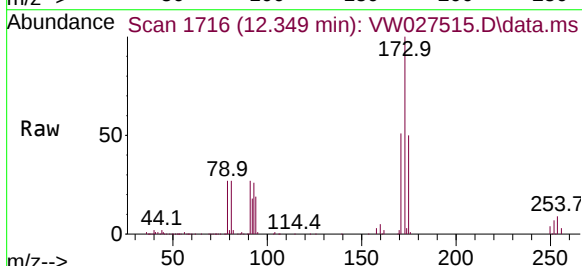
Tgt Ion:173 Resp: 53260

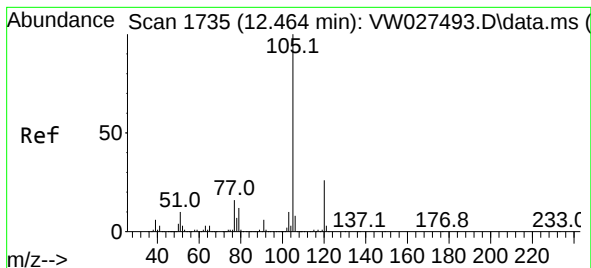
Ion Ratio Lower Upper

173 100

175 50.4 39.6 59.4

254 8.8 6.6 10.0





#60

Isopropylbenzene

Concen: 26.527 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027515.D

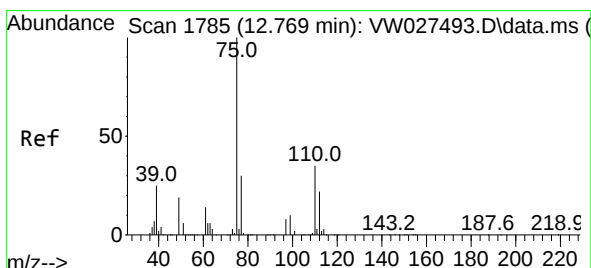
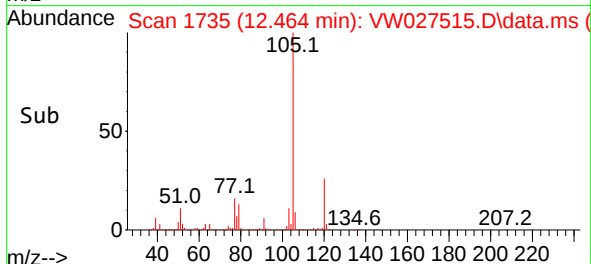
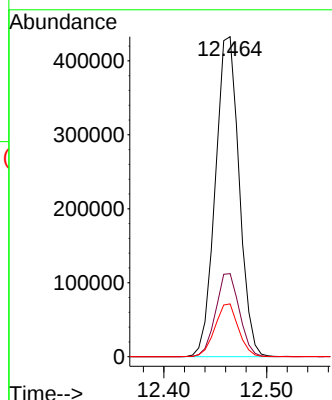
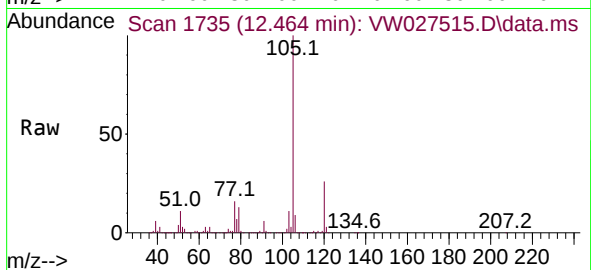
Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	695166
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.1	30.1
77	16.3	12.9	19.3



#61

1,2,3-Trichloropropane

Concen: 23.145 ug/L

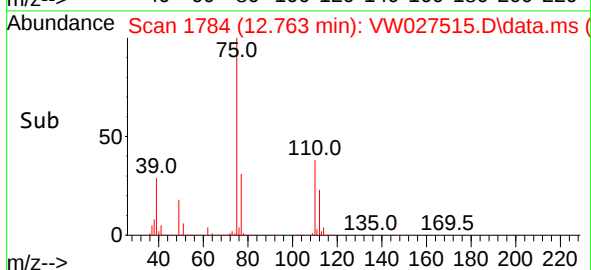
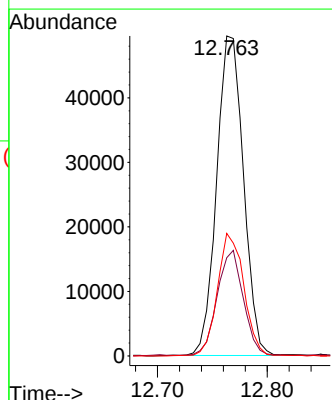
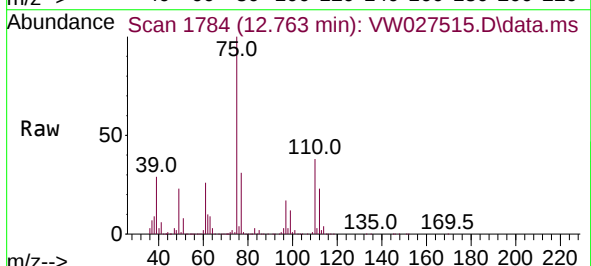
RT: 12.763 min Scan# 1784

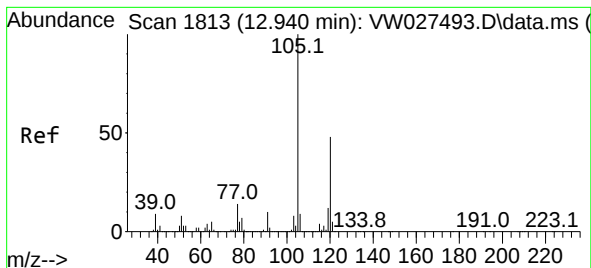
Delta R.T. -0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Tgt Ion:	75	Resp:	84302
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.4	38.0
110	37.2	29.7	44.5





#62

1,3,5-Trimethylbenzene

Concen: 26.187 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

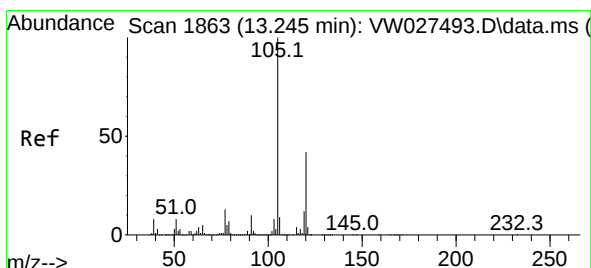
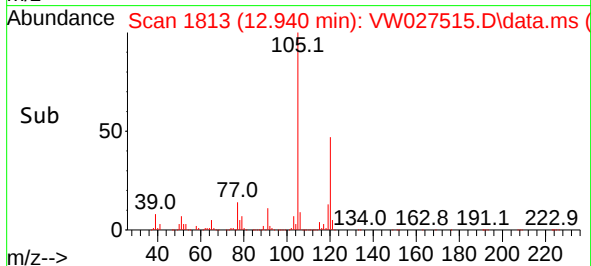
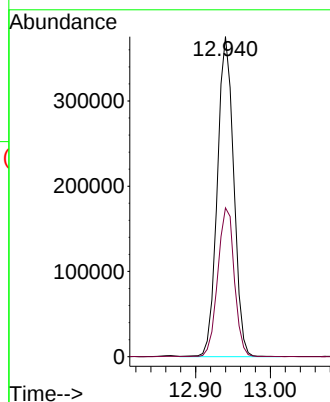
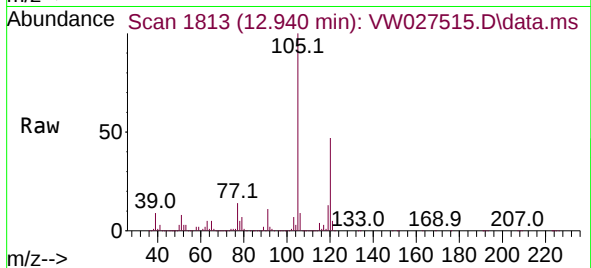
ClientSampleId :

Tgt Ion:105 Resp: 572437

Ion Ratio Lower Upper

105 100

120 47.1 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 26.139 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027515.D

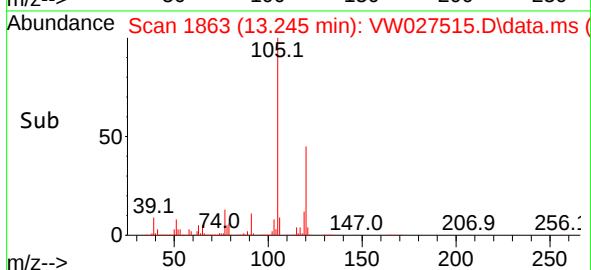
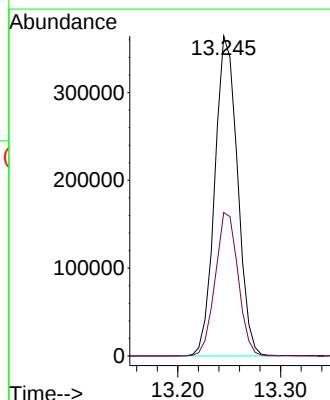
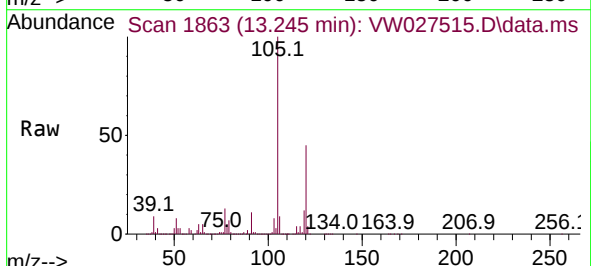
Acq: 02 Nov 2023 11:59

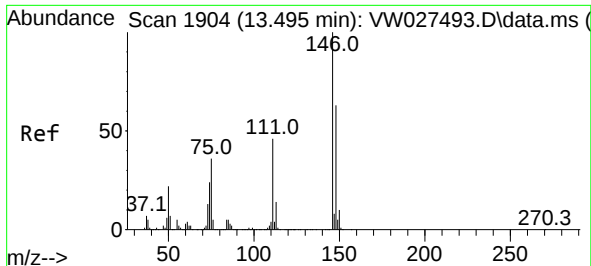
Tgt Ion:105 Resp: 559057

Ion Ratio Lower Upper

105 100

120 45.1 35.4 53.2

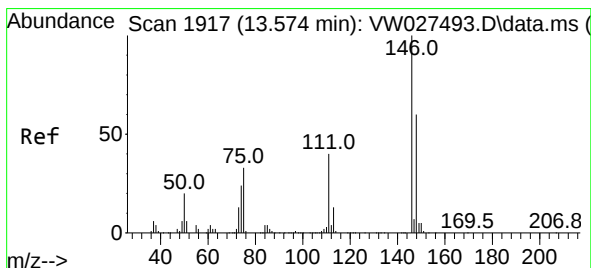
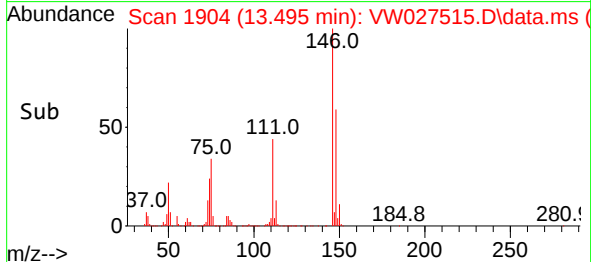
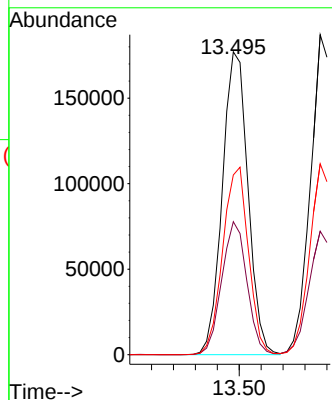
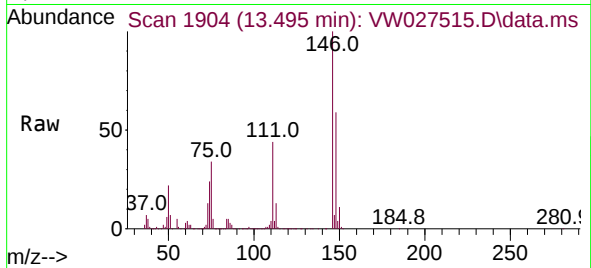




#64
1,3-Dichlorobenzene
Concen: 27.108 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

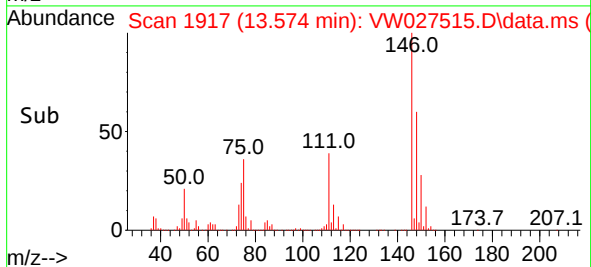
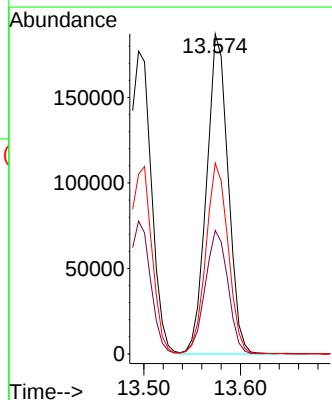
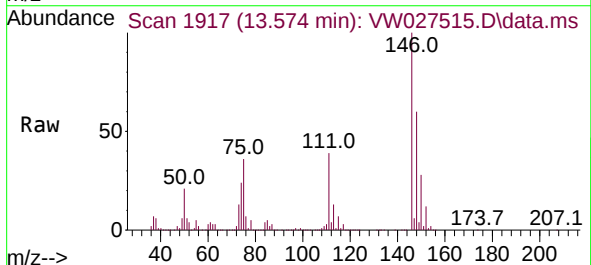
Instrument :
MSVOA_W
ClientSampleId :

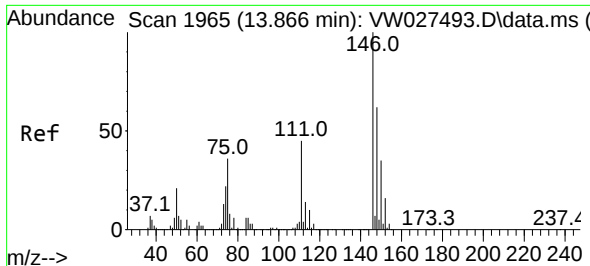
Tgt Ion:146 Resp: 288075
Ion Ratio Lower Upper
146 100
111 43.9 30.8 57.2
148 59.3 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 27.371 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion:146 Resp: 290484
Ion Ratio Lower Upper
146 100
111 38.6 29.5 54.9
148 59.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 27.013 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

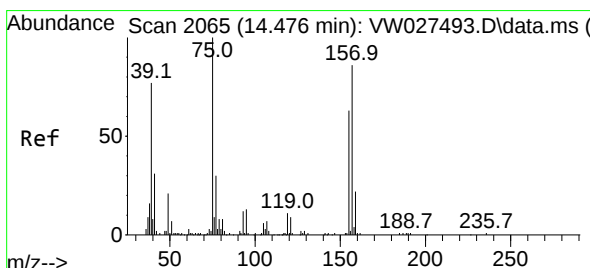
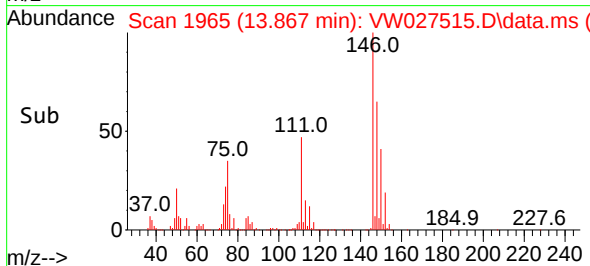
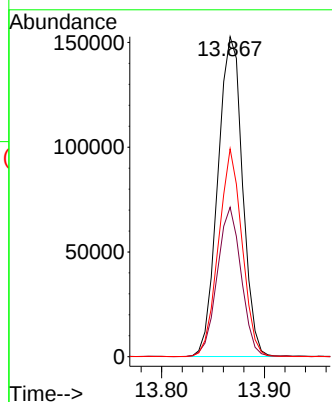
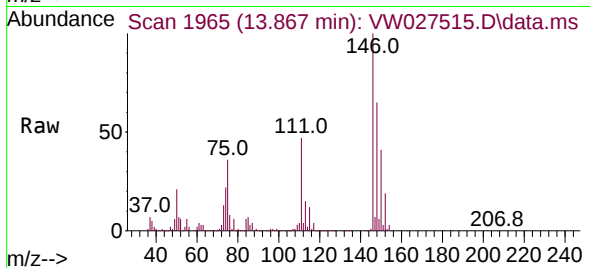
Tgt Ion:146 Resp: 254727

Ion Ratio Lower Upper

146 100

111 46.7 36.8 55.2

148 64.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 18.696 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

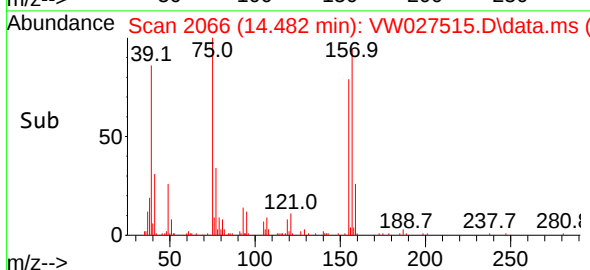
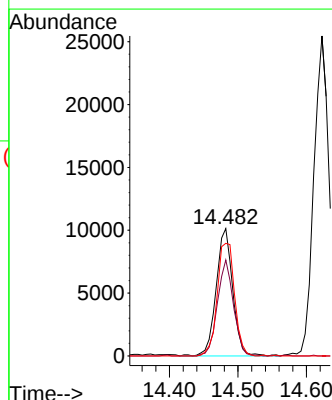
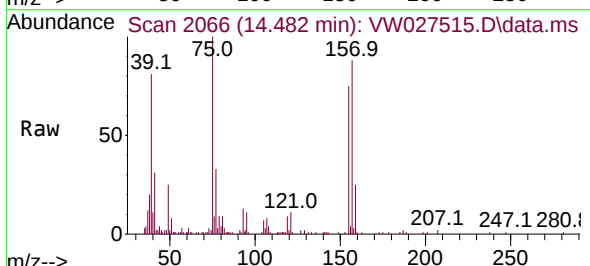
Tgt Ion: 75 Resp: 17020

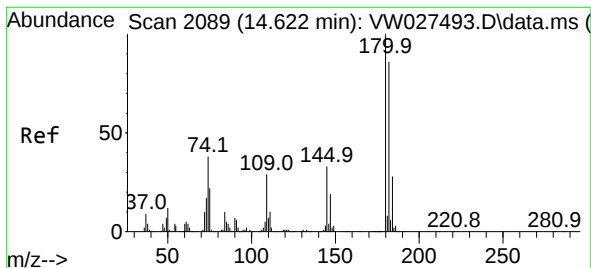
Ion Ratio Lower Upper

75 100

155 75.3 54.9 82.3

157 88.5 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 28.812 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

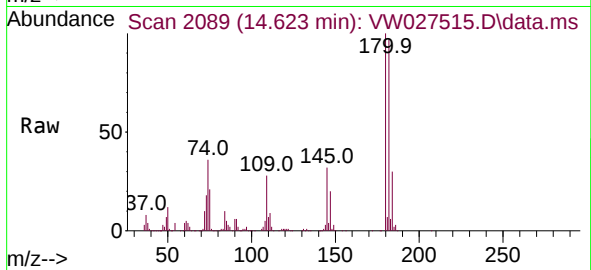
Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 198764

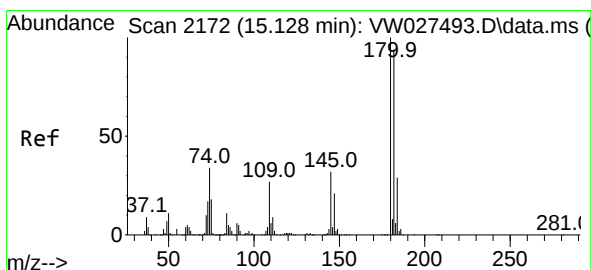
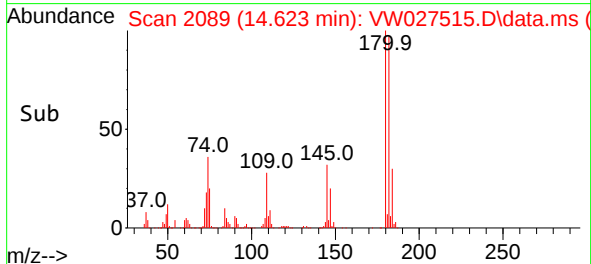
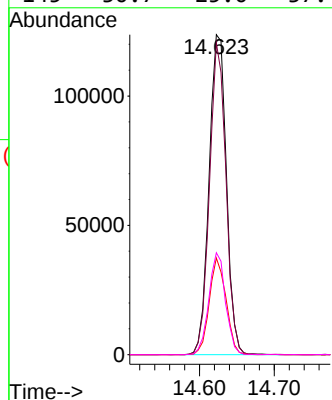
Ion Ratio Lower Upper

180 100

182 92.7 73.4 110.0

184 29.3 23.3 34.9

145 30.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.423 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027515.D

Acq: 02 Nov 2023 11:59

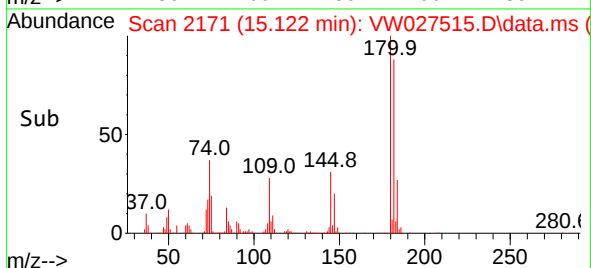
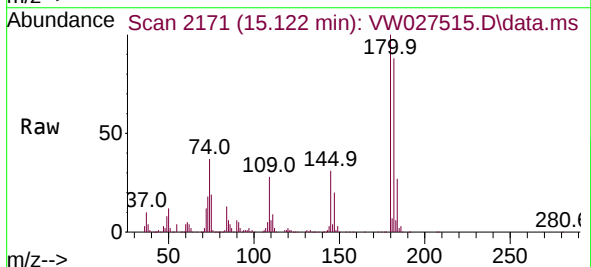
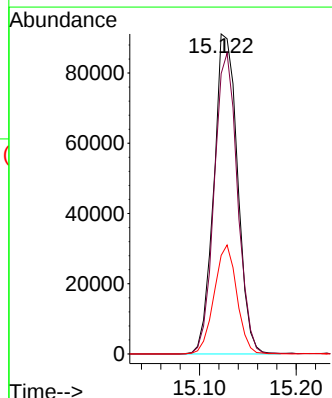
Tgt Ion:180 Resp: 155148

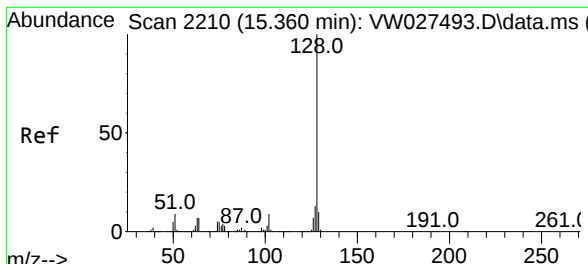
Ion Ratio Lower Upper

180 100

182 91.8 75.5 113.3

145 32.6 26.4 39.6

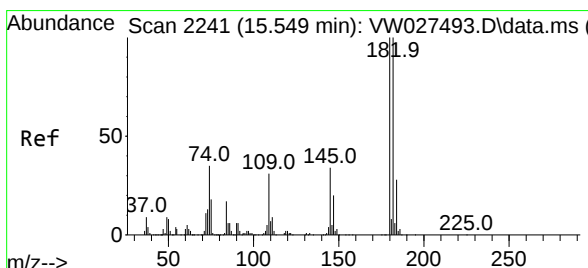
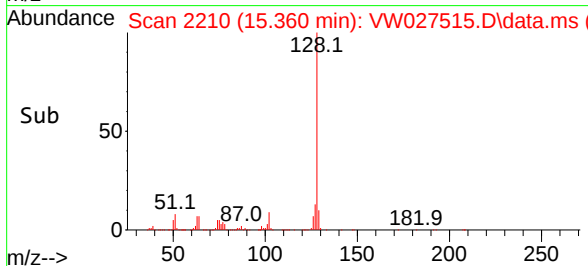
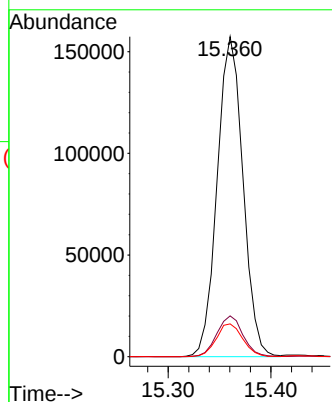
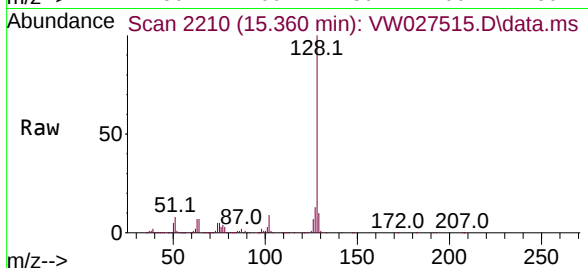




#71
Naphthalene
Concen: 22.678 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	273828
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.560 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027515.D
Acq: 02 Nov 2023 11:59

Tgt Ion:	180	Resp:	128238
Ion Ratio	Lower	Upper	
180	100		
182	95.1	81.1	121.7
145	34.3	30.6	45.8

