

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027281.D
 Acq On : 11 Oct 2023 11:40
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 01:00:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	508113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	467023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	414957	53.511	ug/L	0.00
7) Chloroethane-d5	2.893	69	312549	56.133	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	205647	52.925	ug/L	0.00
21) 2-Butanone-d5	7.075	46	247868	96.564	ug/L	0.00
24) Chloroform-d	7.648	84	818193	54.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	428260	52.643	ug/L	0.00
32) Benzene-d6	8.276	84	1699258	53.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	517016	53.571	ug/L	0.00
41) Toluene-d8	10.325	98	1517564	52.963	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	234050	52.915	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	204737	102.535	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	363991	50.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	439828	50.688	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	305112	50.377	ug/L	# 82
3) Chloromethane	2.229	50	356589	51.324	ug/L	99
5) Vinyl chloride	2.375	62	382106	49.235	ug/L	100
6) Bromomethane	2.789	94	222336	50.298	ug/L	98
8) Chloroethane	2.930	64	228662	51.186	ug/L	97
9) Trichlorofluoromethane	3.271	101	298466	54.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	349477	52.645	ug/L	96
12) 1,1-Dichloroethene	4.045	96	341736	50.961	ug/L	100
13) Acetone	4.112	43	228420	104.912	ug/L	98
14) Carbon disulfide	4.393	76	1011522	48.971	ug/L	100
15) Methyl Acetate	4.667	43	185295	48.732	ug/L	99
16) Methylene chloride	4.923	84	371152	39.995	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	362917	50.688	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	618181	50.037	ug/L	100
19) 1,1-Dichloroethane	6.216	63	755609	51.720	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	411242	50.855	ug/L	99
22) 2-Butanone	7.167	43	294327	88.329	ug/L	98
23) Bromochloromethane	7.514	128	170556	51.086	ug/L	98
25) Chloroform	7.679	83	701288	51.288	ug/L	94
27) 1,2-Dichloroethane	8.398	62	468939	50.487	ug/L	99
29) Cyclohexane	7.959	56	700370	49.391	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	579675	50.884	ug/L	99
31) Carbon tetrachloride	8.075	117	516841	50.314	ug/L	98
33) Benzene	8.325	78	1533833	50.254	ug/L	100
34) Trichloroethene	9.087	95	406356	50.402	ug/L	98
35) Methylcyclohexane	9.337	83	716668	49.707	ug/L	99
37) 1,2-Dichloropropane	9.368	63	420501	50.953	ug/L	99
38) Bromodichloromethane	9.642	83	515773	50.826	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	695059	50.985	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	549262	96.778	ug/L	100
42) Toluene	10.386	91	1632988	51.002	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	581468	50.550	ug/L	98

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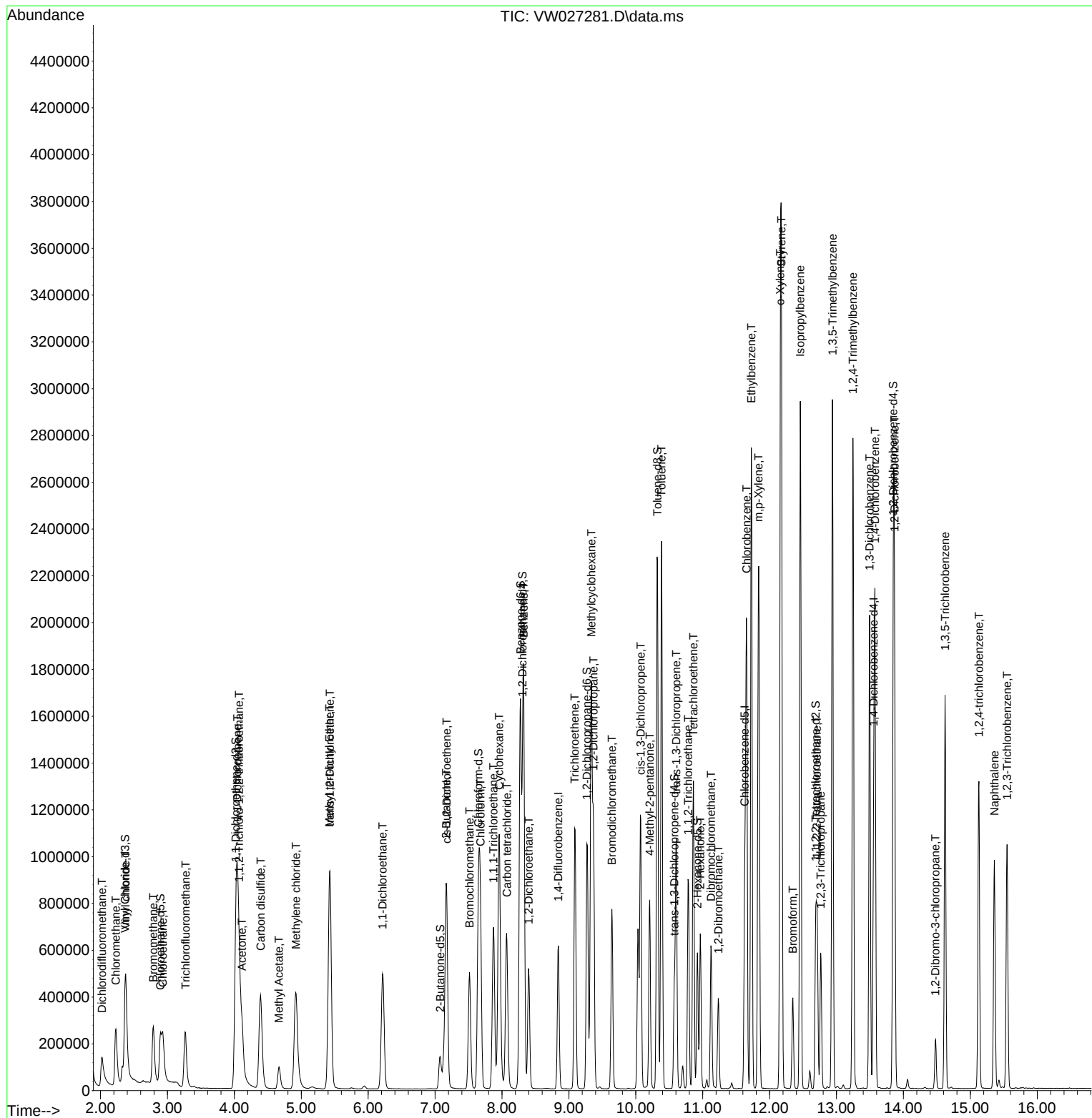
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	287033	50.543	ug/L	96
46) Tetrachloroethene	10.861	164	278187	49.971	ug/L	92
48) 2-Hexanone	10.965	43	421655	100.378	ug/L	99
49) Dibromochloromethane	11.123	129	320675	50.845	ug/L	96
50) 1,2-Dibromoethane	11.233	107	273750	49.718	ug/L	97
51) Chlorobenzene	11.654	112	1010166	50.382	ug/L	96
52) Ethylbenzene	11.727	91	1900829	51.088	ug/L	94
53) m,p-Xylene	11.837	106	723999	51.303	ug/L	95
54) o-Xylene	12.160	106	693752	51.336	ug/L	100
55) Styrene	12.178	104	1178895	51.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	338041	48.761	ug/L	98
59) Bromoform	12.349	173	172801	48.499	ug/L	96
60) Isopropylbenzene	12.458	105	1897640	50.448	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	246089	47.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1561171	49.756	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1533665	49.957	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	773957	50.739	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	754903	49.556	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	672649	49.695	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	59939	45.871	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	469735	47.438	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	401076	47.588	ug/L	96
71) Naphthalene	15.360	128	796876	45.977	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	324491	46.822	ug/L	96

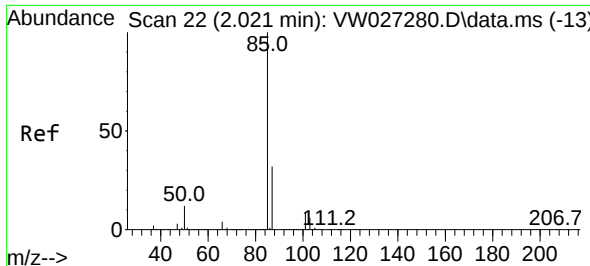
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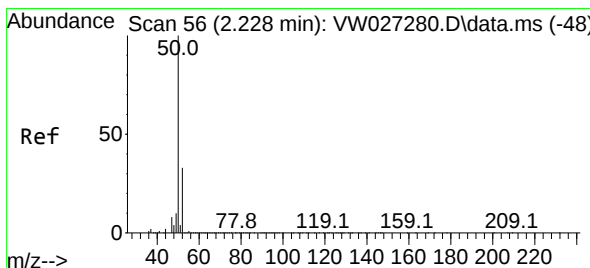
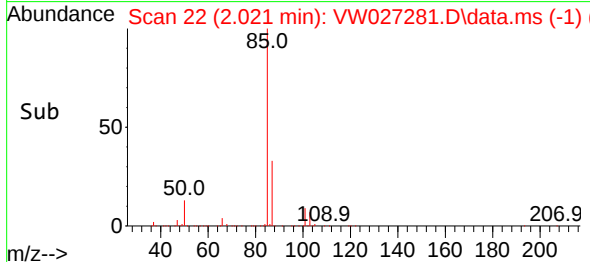
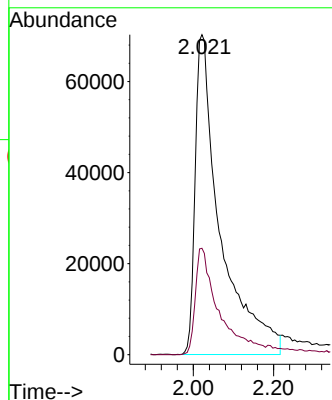
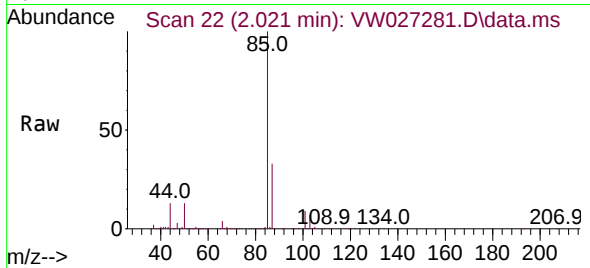




#2
 Dichlorodifluoromethane
 Concen: 50.377 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

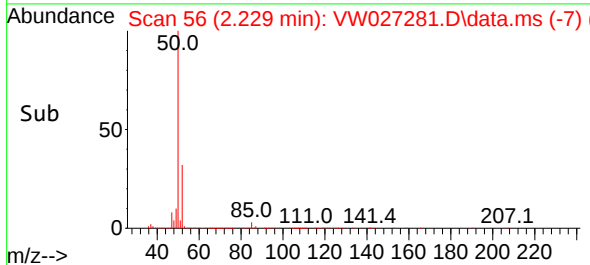
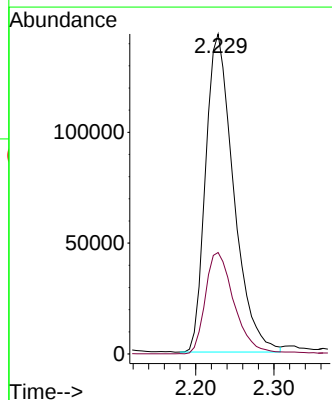
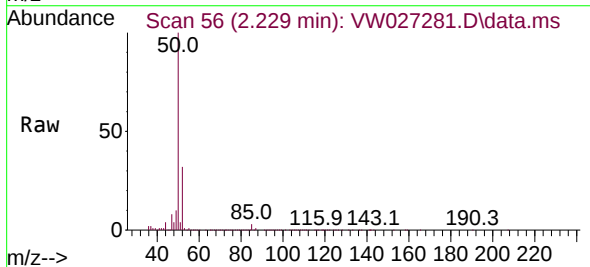
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 ClientSampleId :

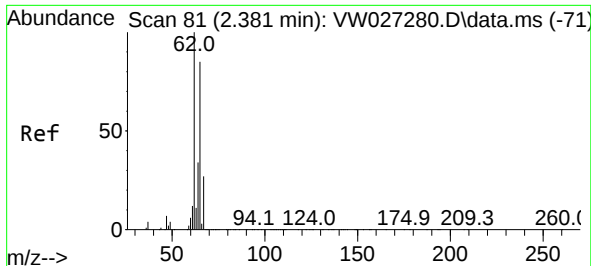
Tgt Ion: 85 Resp: 305112
 Ion Ratio Lower Upper
 85 100
 87 31.4 18.3 27.5#



#3
 Chloromethane
 Concen: 51.324 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

Tgt Ion: 50 Resp: 356589
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.3

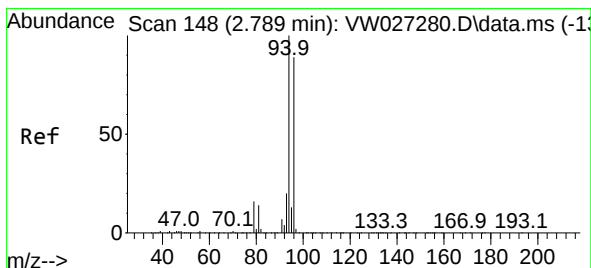
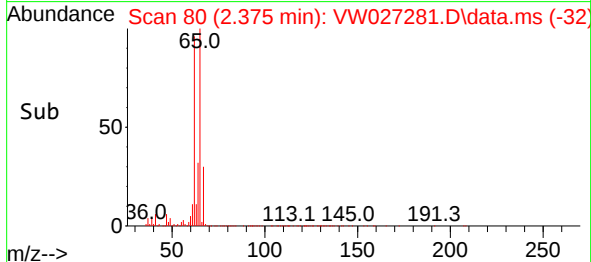
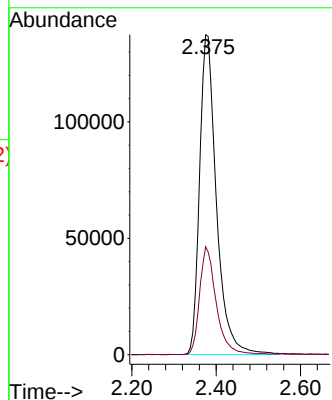
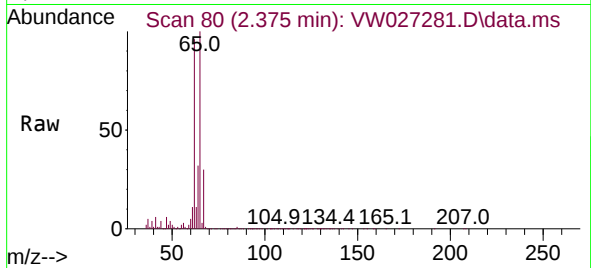




#5
 Vinyl chloride
 Concen: 49.235 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

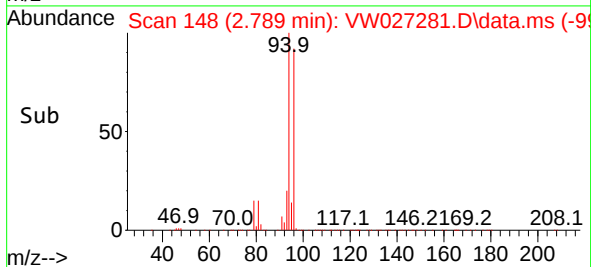
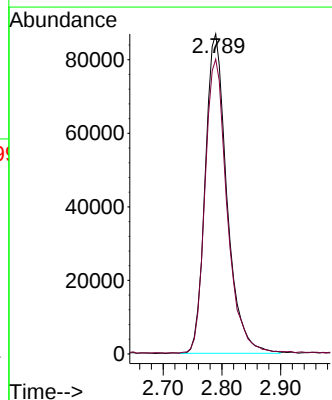
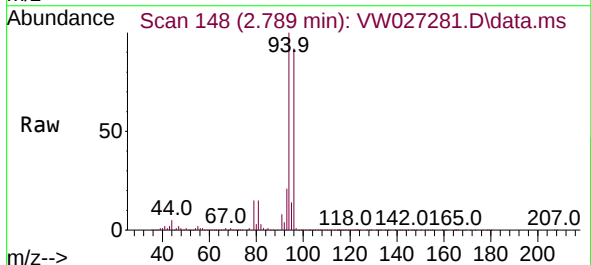
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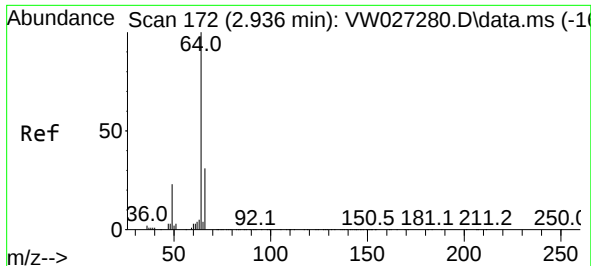
Tgt Ion: 62 Resp: 382106
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.8 44.2



#6
 Bromomethane
 Concen: 50.298 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

Tgt Ion: 94 Resp: 222336
 Ion Ratio Lower Upper
 94 100
 96 92.1 62.9 116.9

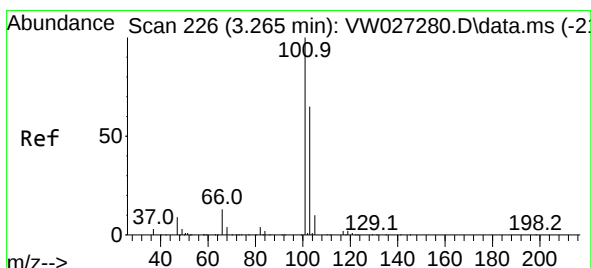
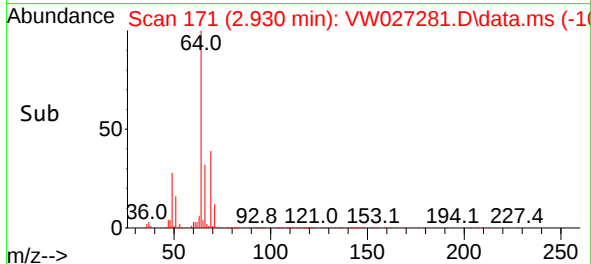
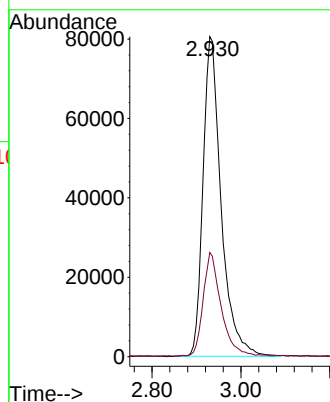
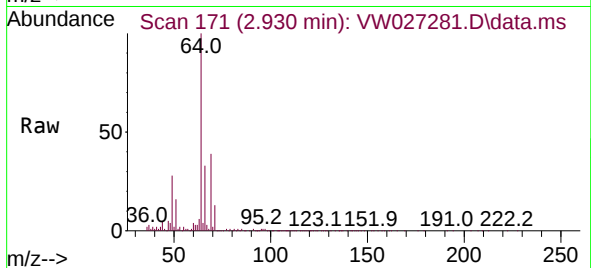




#8
Chloroethane
Concen: 51.186 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

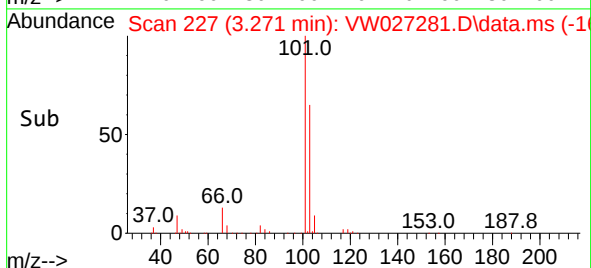
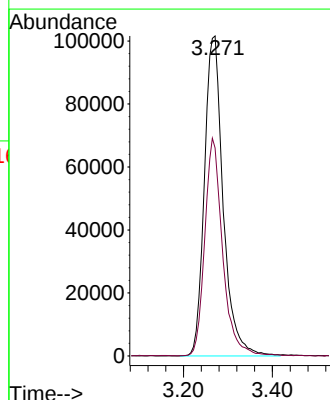
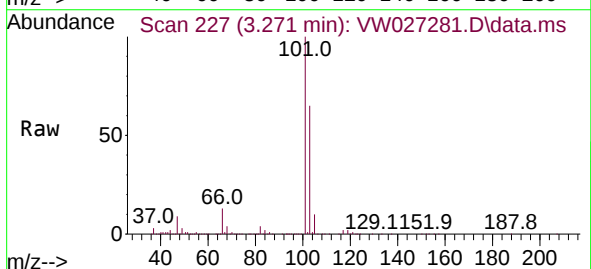
Instrument :
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ClientSampleId :

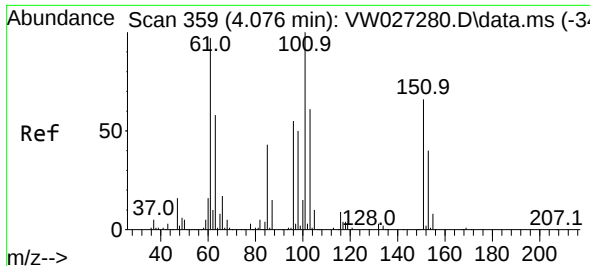
Tgt Ion: 64 Resp: 228662
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 54.512 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:101 Resp: 298466
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

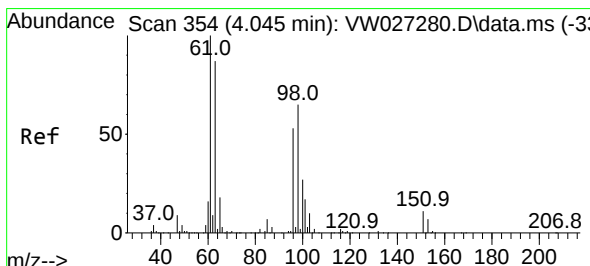
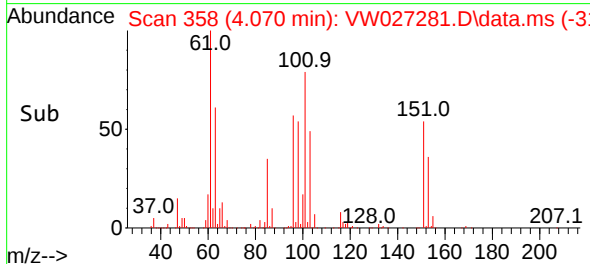
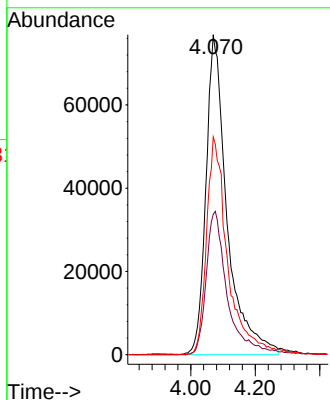
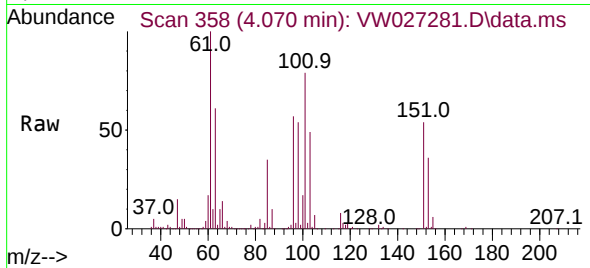




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.645 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

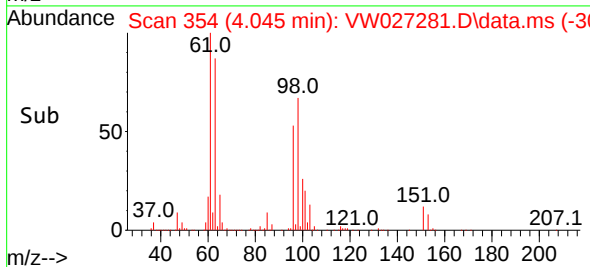
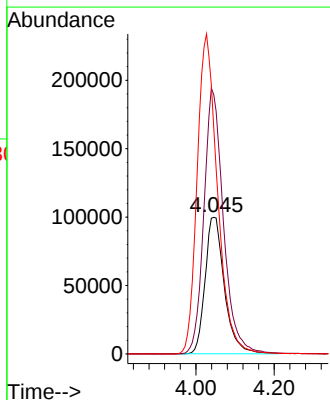
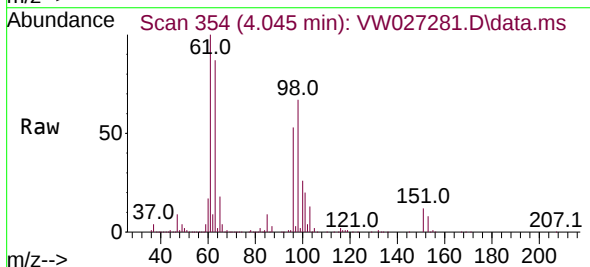
Instrument :
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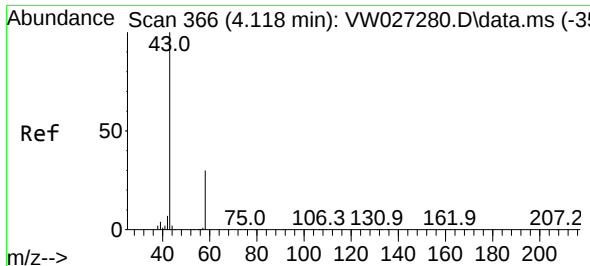
Tgt Ion:101 Resp: 349477
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.1 51.1
 151 66.8 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 50.961 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027281.D
 Acq: 11 Oct 2023 11:40

Tgt Ion: 96 Resp: 341736
 Ion Ratio Lower Upper
 96 100
 61 189.8 133.3 247.5
 63 166.0 115.8 215.2

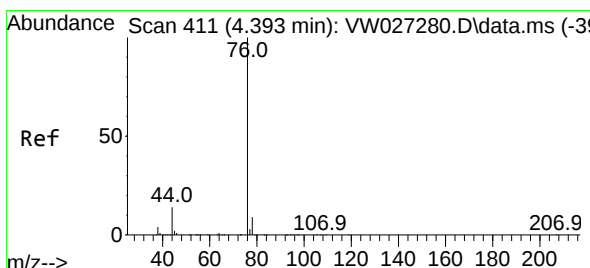
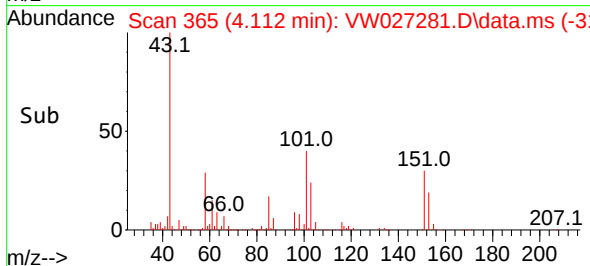
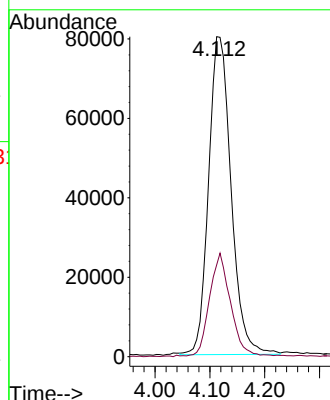
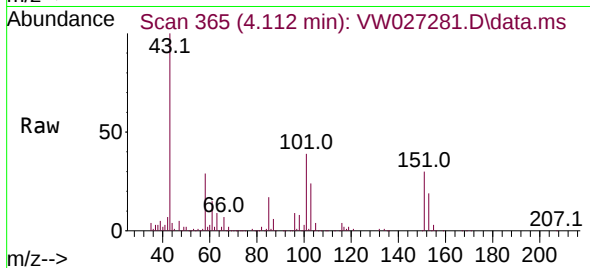




#13
Acetone
Concen: 104.912 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027281.D
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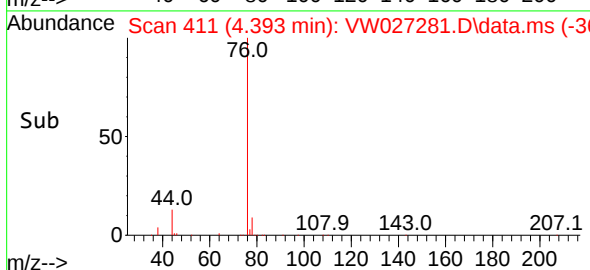
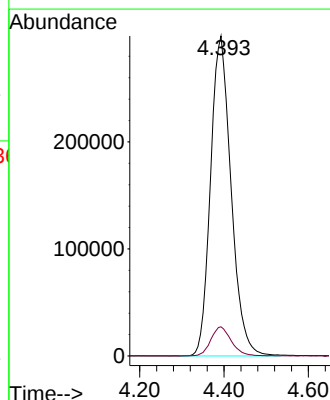
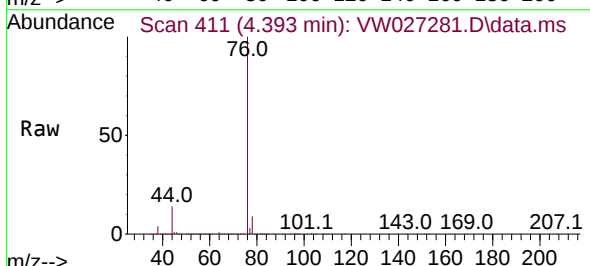
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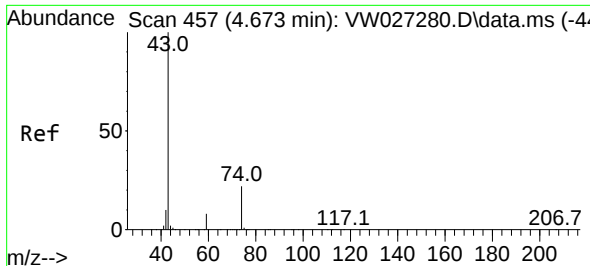
Tgt Ion: 43 Resp: 228420
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.8



#14
Carbon disulfide
Concen: 48.971 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027281.D
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Tgt Ion: 76 Resp: 1011522
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

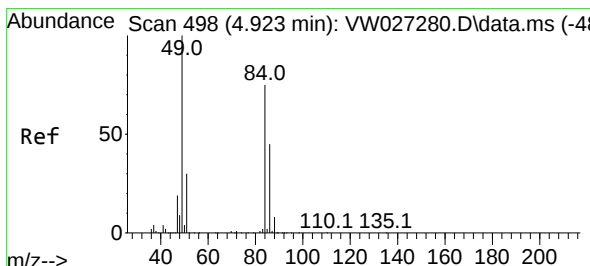
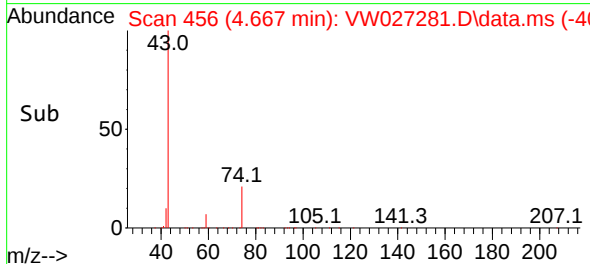
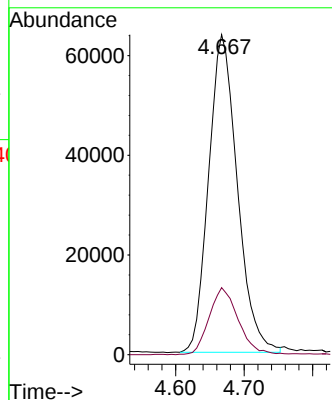
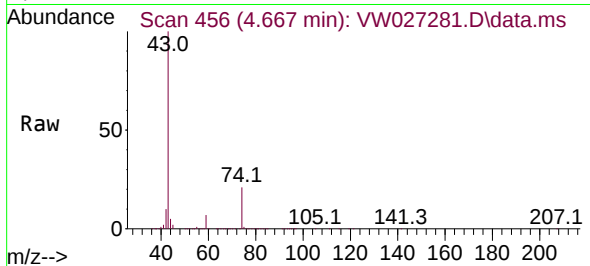




#15
Methyl Acetate
Concen: 48.732 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

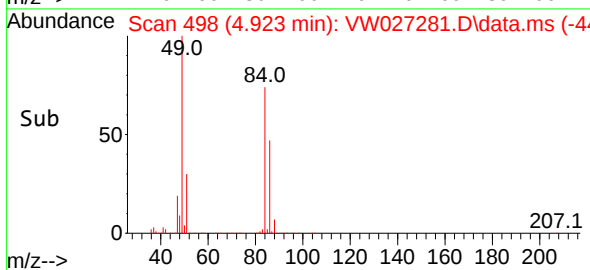
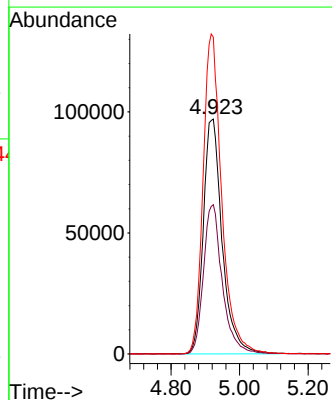
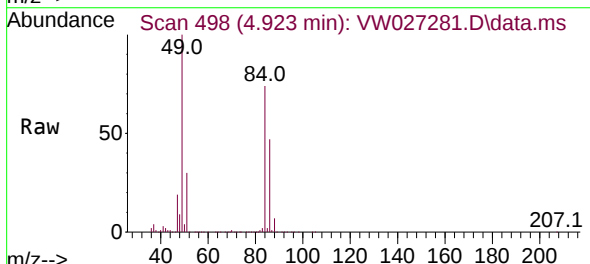
Instrument :
MSVOA_W
ClientSampleId :

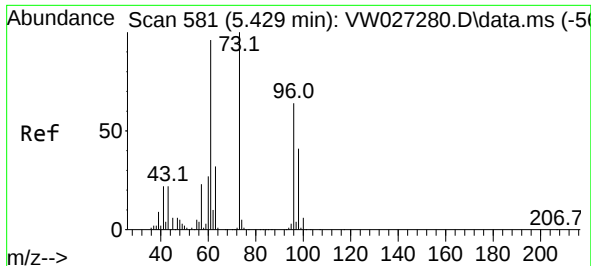
Tgt Ion: 43 Resp: 185295
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3



#16
Methylene chloride
Concen: 39.995 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 84 Resp: 371152
Ion Ratio Lower Upper
84 100
86 63.6 41.3 76.7
49 134.9 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 50.688 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

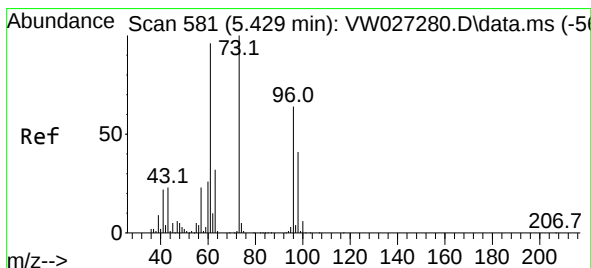
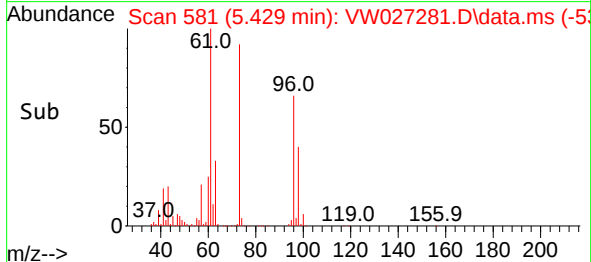
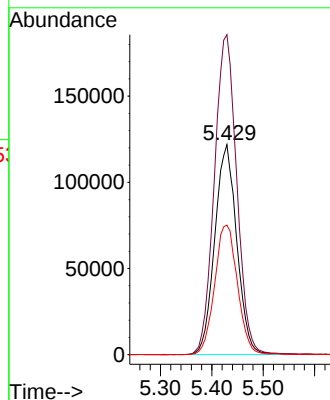
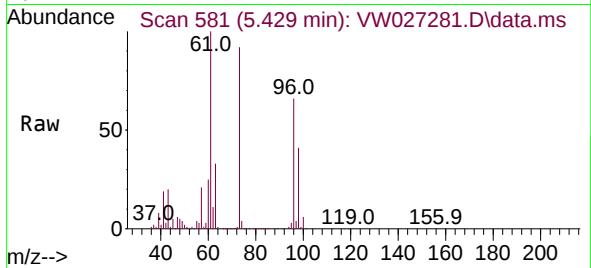
Tgt Ion: 96 Resp: 362917

Ion Ratio Lower Upper

96 100

61 152.3 105.6 196.0

98 61.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 50.037 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

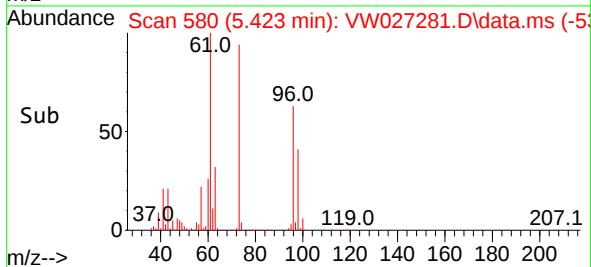
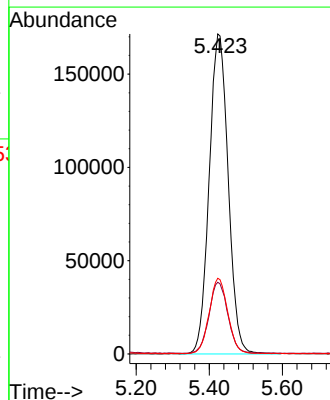
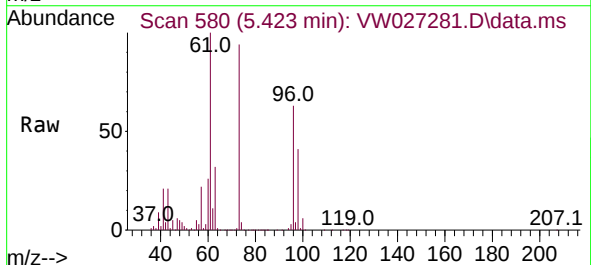
Tgt Ion: 73 Resp: 618181

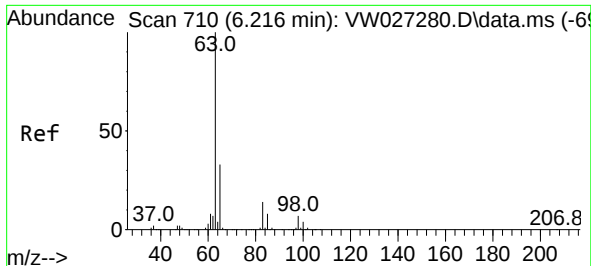
Ion Ratio Lower Upper

73 100

43 22.0 17.7 26.5

57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 51.720 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

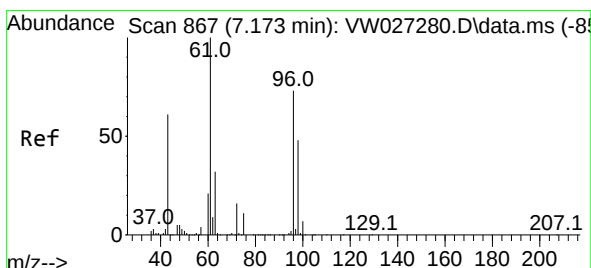
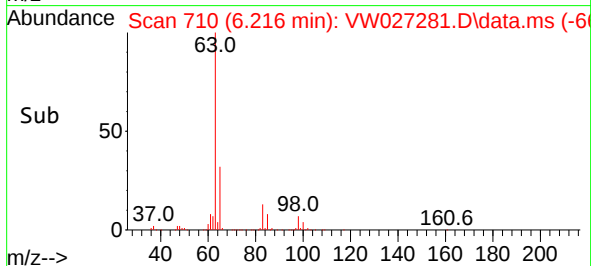
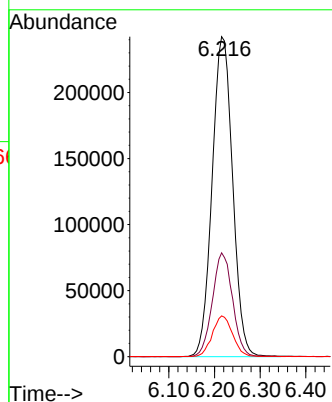
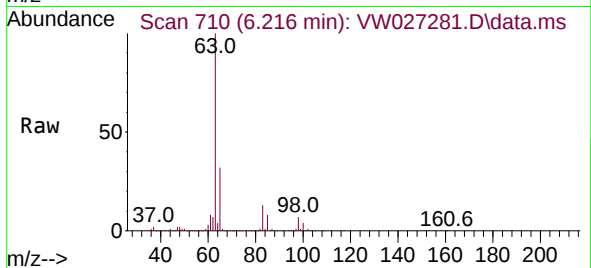
Tgt Ion: 63 Resp: 755609

Ion Ratio Lower Upper

63 100

65 32.5 22.9 42.5

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.855 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

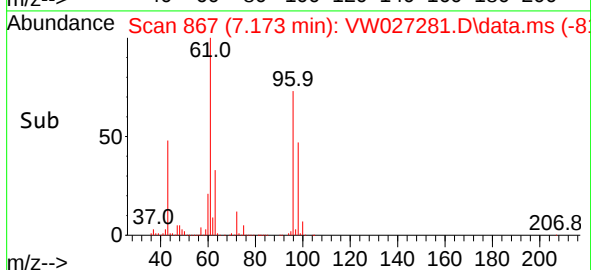
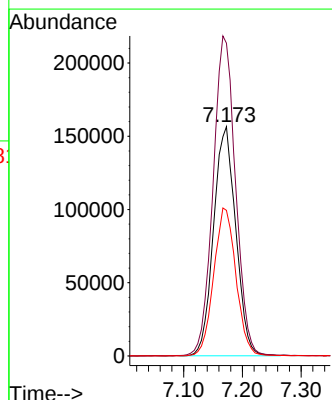
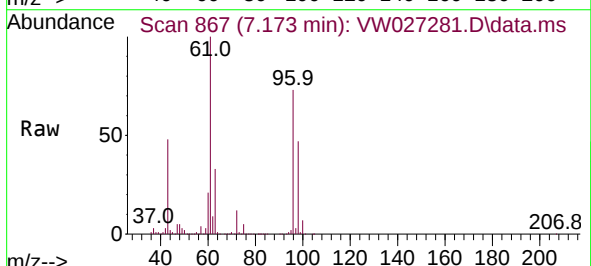
Tgt Ion: 96 Resp: 411242

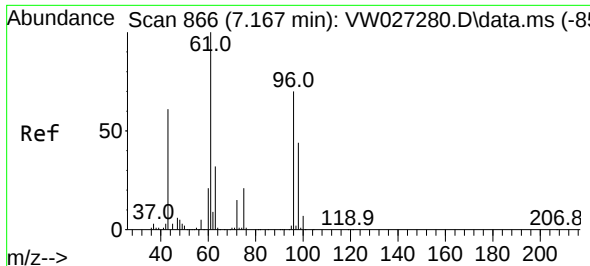
Ion Ratio Lower Upper

96 100

61 136.5 96.2 178.8

98 63.5 46.0 85.4

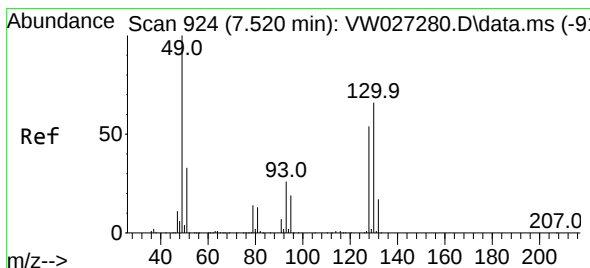
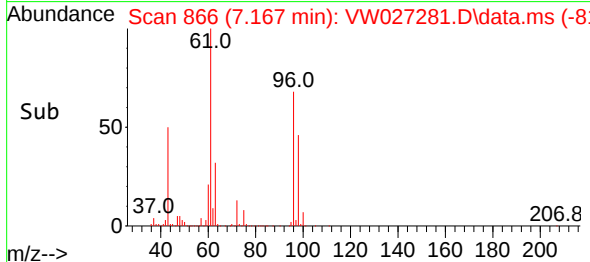
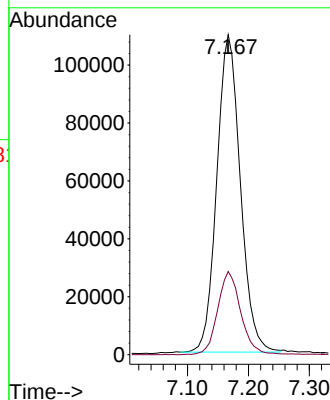
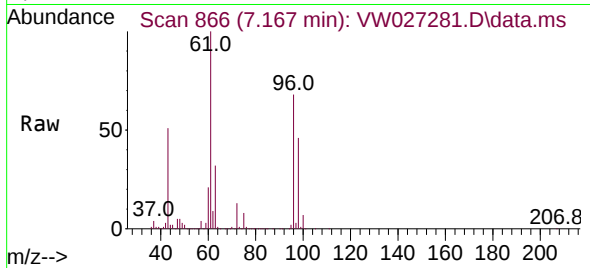




#22
2-Butanone
Concen: 88.329 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

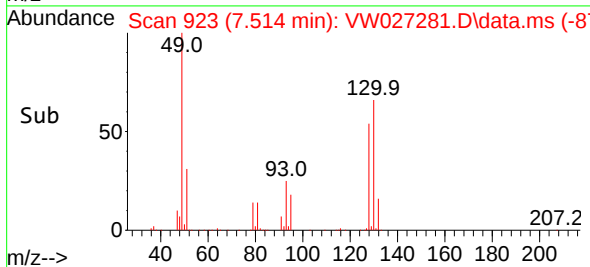
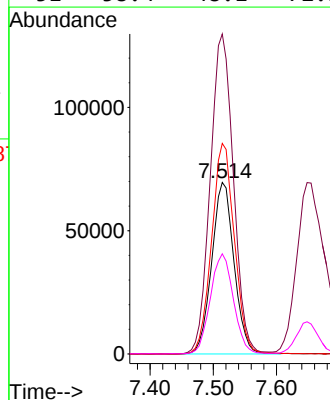
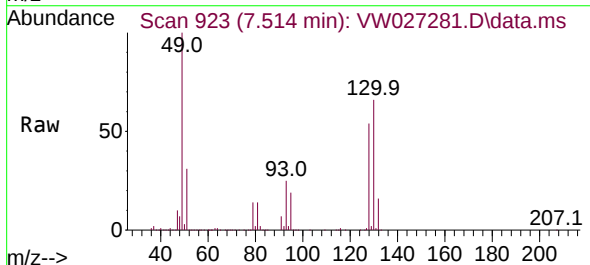
Instrument :
MSVOA_W
ClientSampleId :

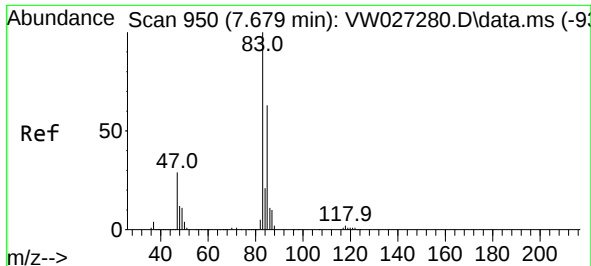
Tgt Ion: 43 Resp: 294327
Ion Ratio Lower Upper
43 100
72 25.7 12.3 36.8



#23
Bromochloromethane
Concen: 51.086 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 128 Resp: 170556
Ion Ratio Lower Upper
128 100
49 186.6 128.9 239.5
130 122.8 85.0 157.8
51 58.4 48.1 72.1

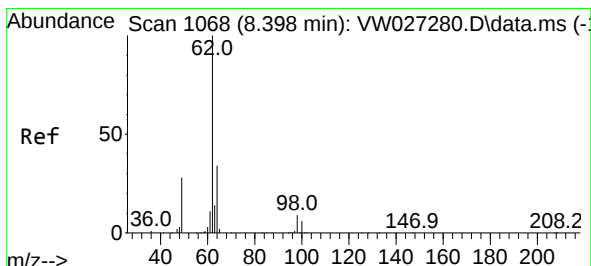
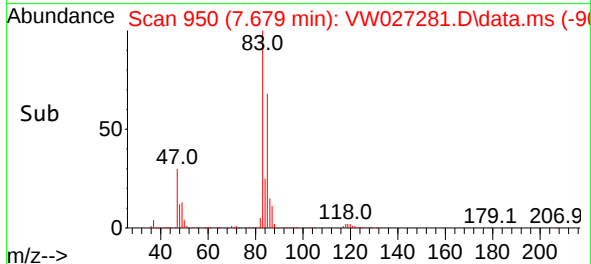
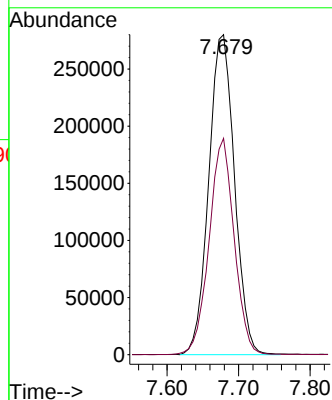
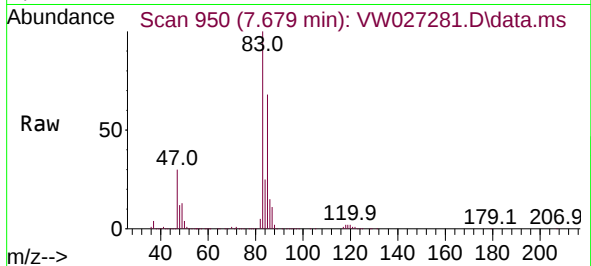




#25
Chloroform
Concen: 51.288 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

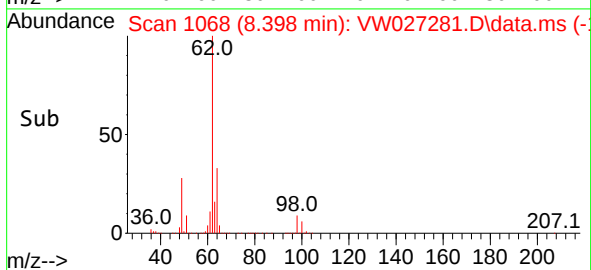
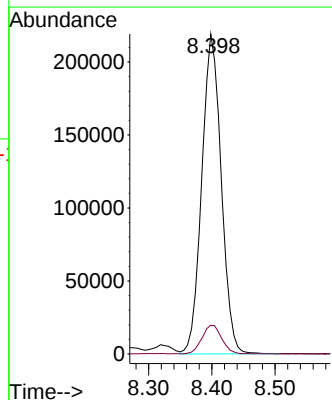
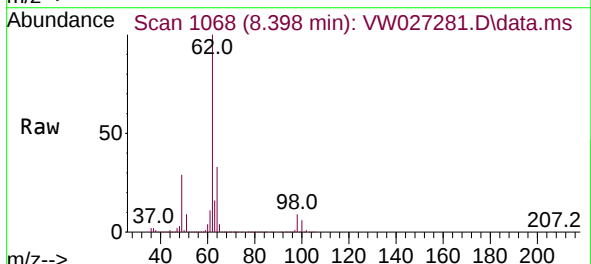
Instrument :
MSVOA_W
ClientSampleId :

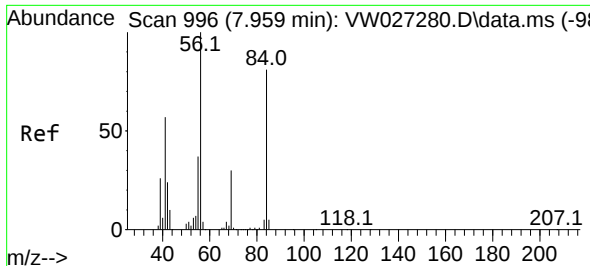
Tgt Ion: 83 Resp: 701288
Ion Ratio Lower Upper
83 100
85 67.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 50.487 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

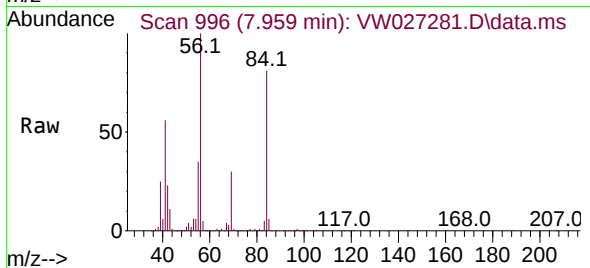
Tgt Ion: 62 Resp: 468939
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3



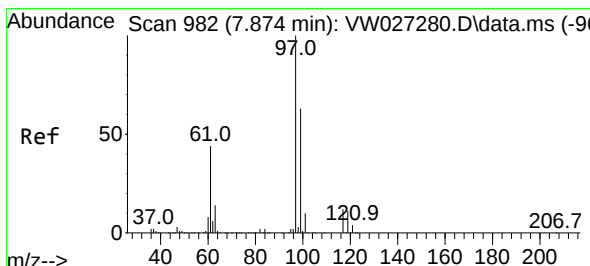
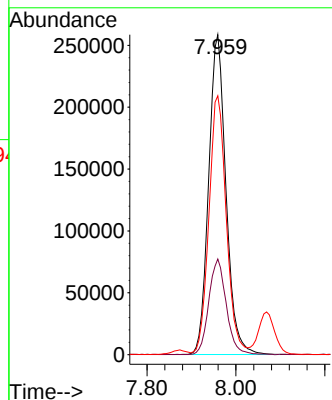
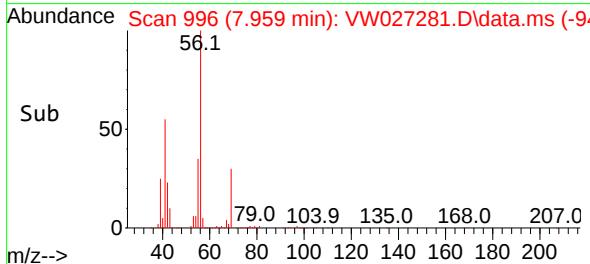


#29
Cyclohexane
Concen: 49.391 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_W
ClientSampleId :

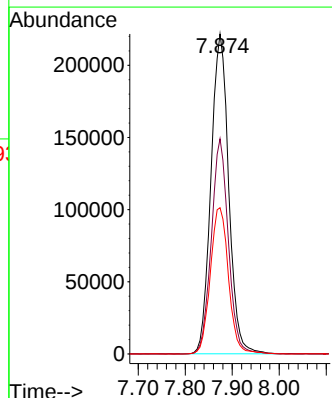
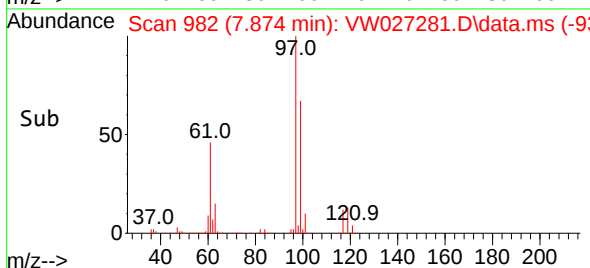
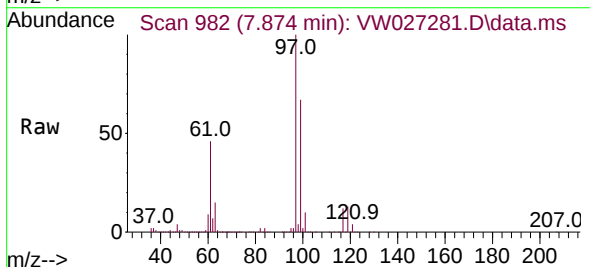


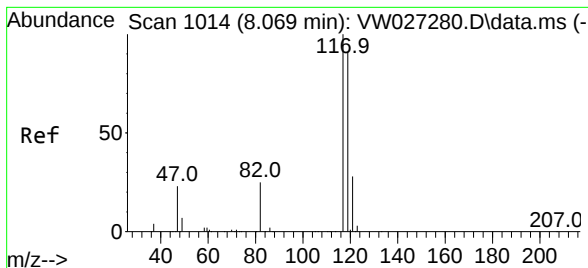
Tgt Ion: 56 Resp: 700370
Ion Ratio Lower Upper
56 100
69 29.9 24.2 36.4
84 81.3 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 50.884 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 97 Resp: 579675
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 47.0 37.4 56.0





#31

Carbon tetrachloride

Concen: 50.314 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

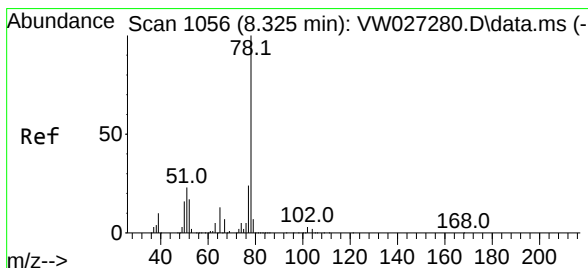
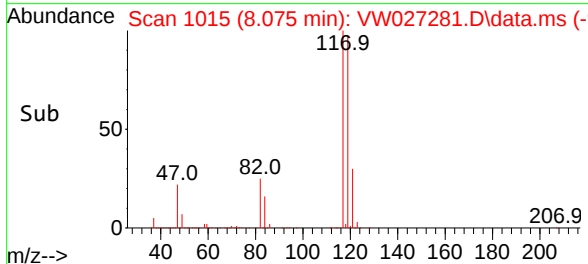
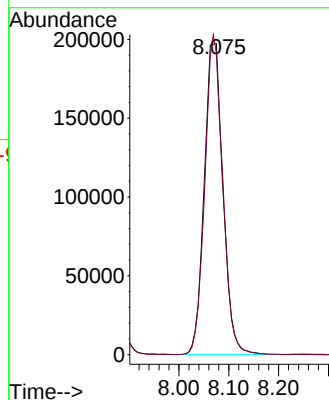
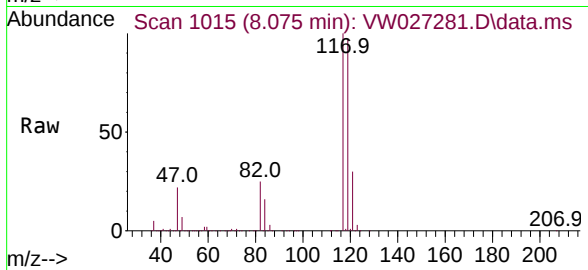
ClientSampleId :

Tgt Ion:117 Resp: 516841

Ion Ratio Lower Upper

117 100

119 98.0 77.1 115.7



#33

Benzene

Concen: 50.254 ug/L

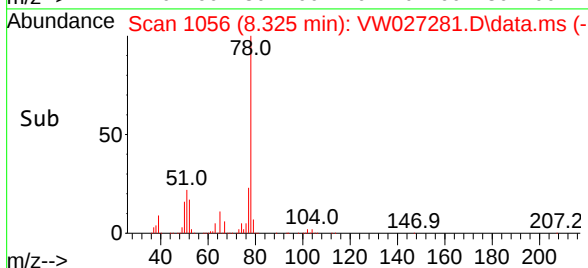
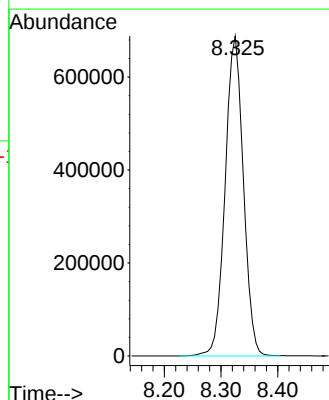
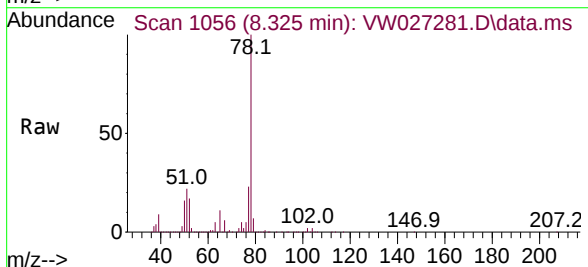
RT: 8.325 min Scan# 1056

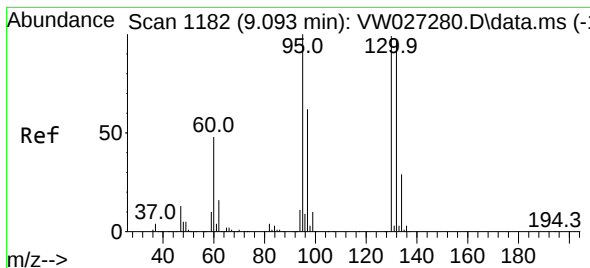
Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Tgt Ion: 78 Resp: 1533833





#34

Trichloroethene

Concen: 50.402 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

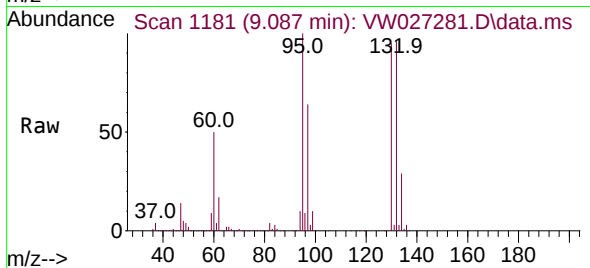
Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 406356

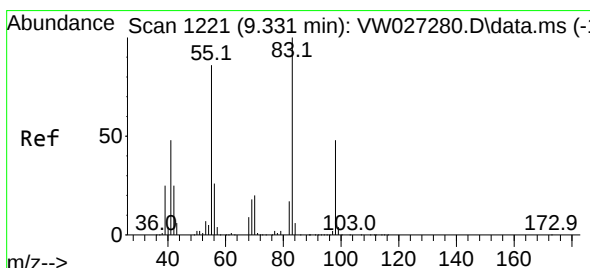
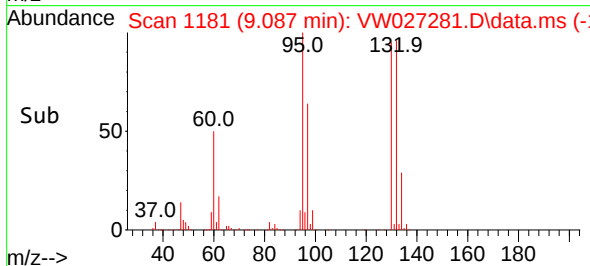
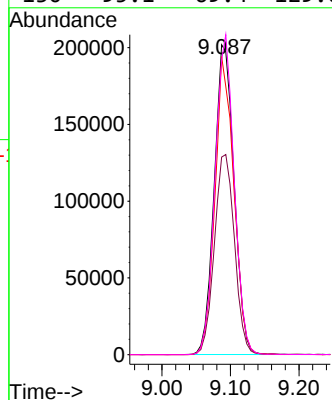
Ion Ratio Lower Upper

95 100

97 63.7 43.4 80.6

132 96.2 67.6 125.6

130 95.1 69.4 129.0



#35

Methylcyclohexane

Concen: 49.707 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

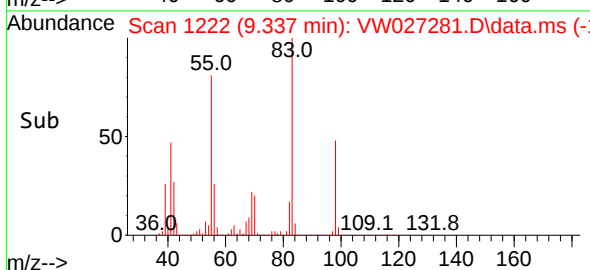
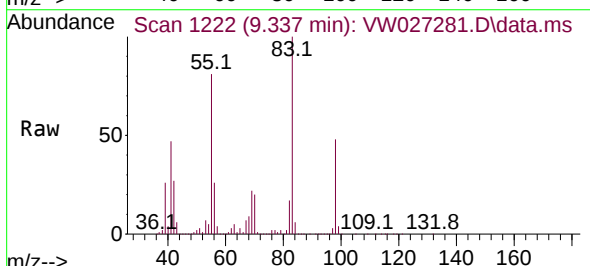
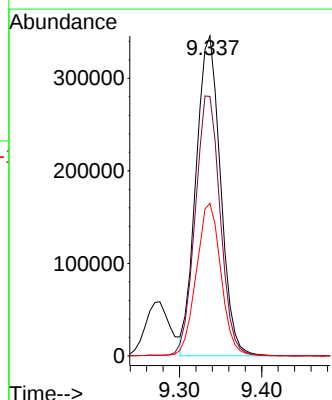
Tgt Ion: 83 Resp: 716668

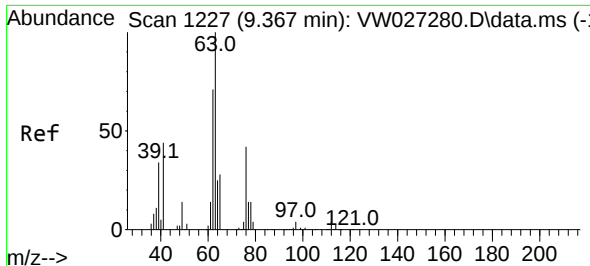
Ion Ratio Lower Upper

83 100

55 82.6 65.8 98.8

98 48.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 50.953 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

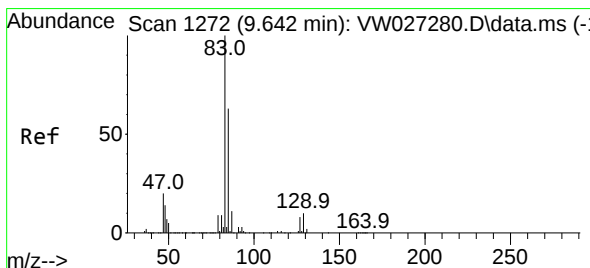
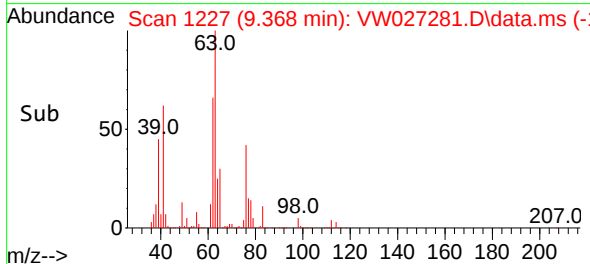
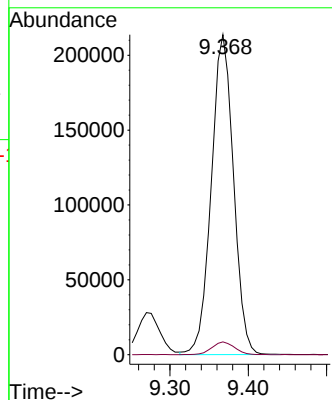
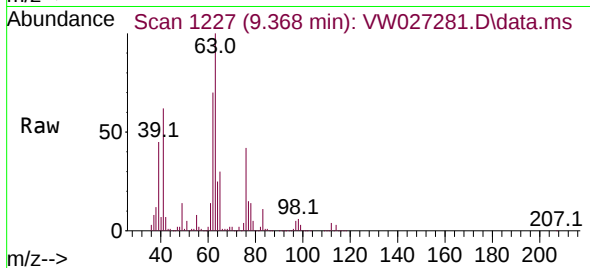
ClientSampleId :

Tgt Ion: 63 Resp: 420501

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 50.826 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

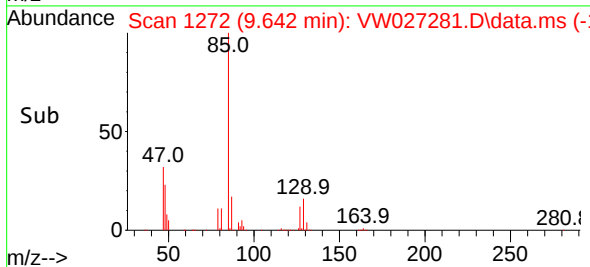
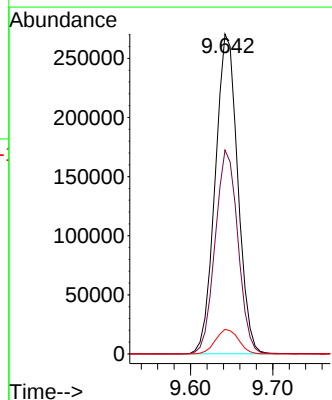
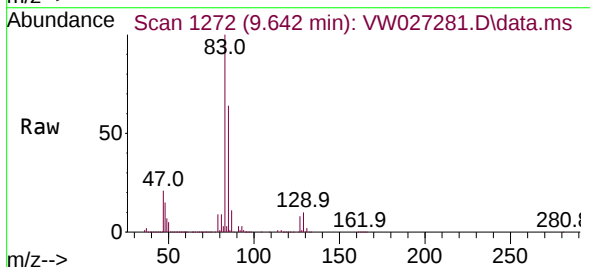
Tgt Ion: 83 Resp: 515773

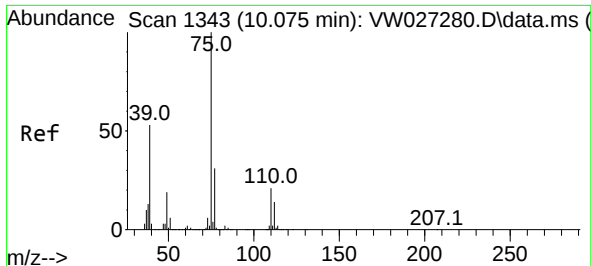
Ion Ratio Lower Upper

83 100

85 63.7 43.9 81.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.985 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

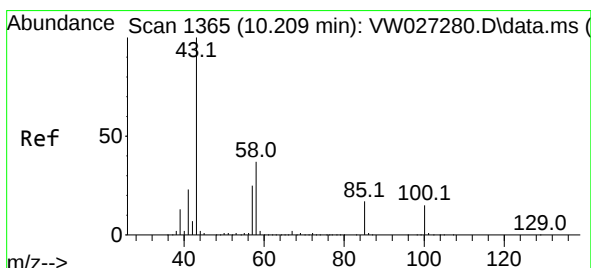
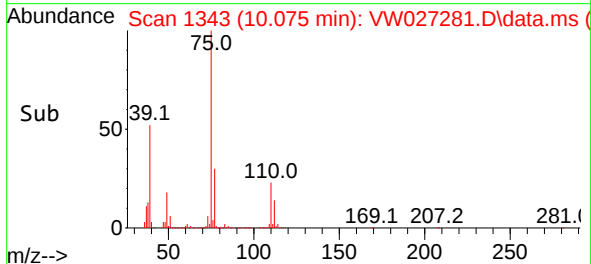
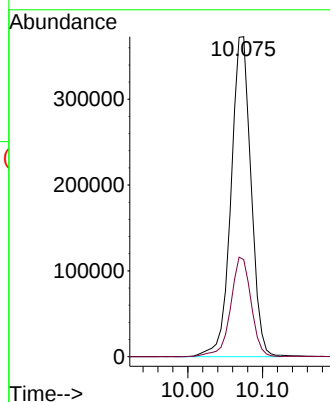
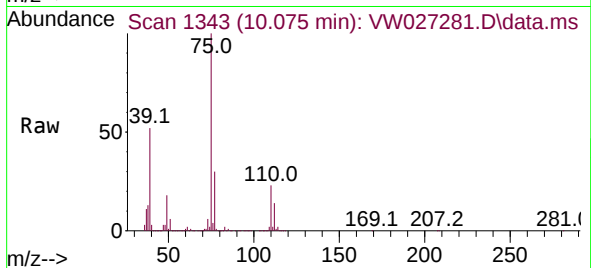
ClientSampleId :

Tgt Ion: 75 Resp: 695059

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 96.778 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

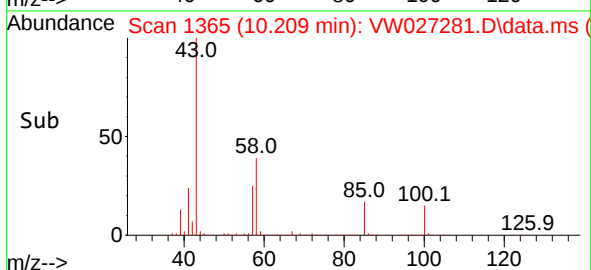
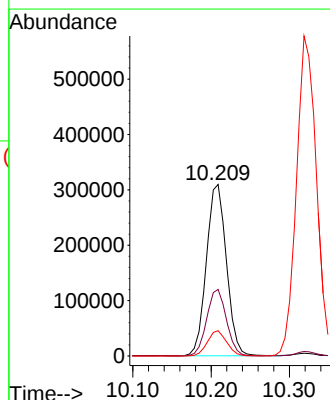
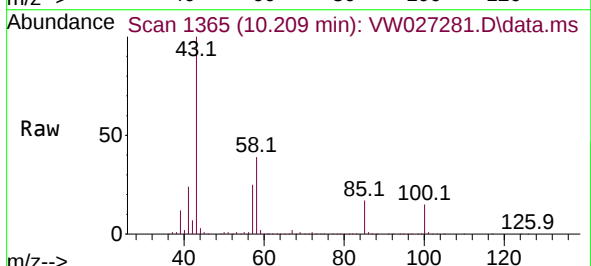
Tgt Ion: 43 Resp: 549262

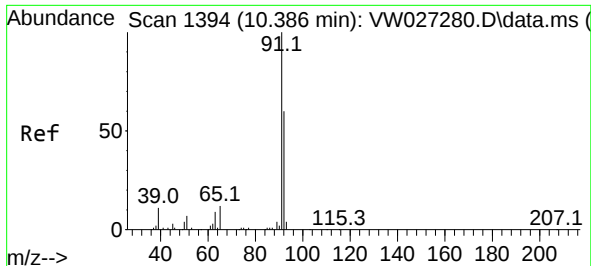
Ion Ratio Lower Upper

43 100

58 38.3 30.5 45.7

100 14.2 11.5 17.3

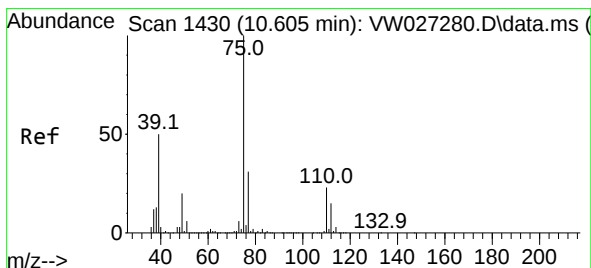
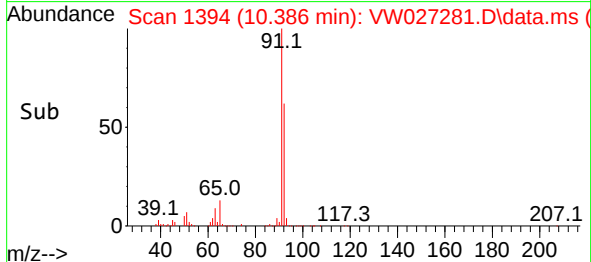
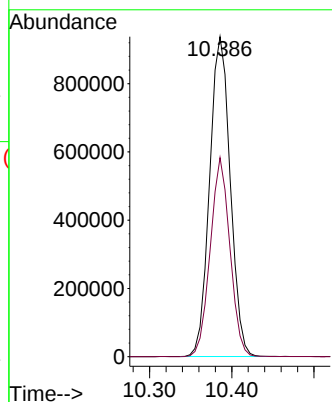
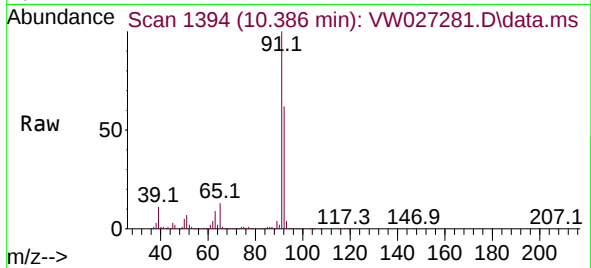




#42
Toluene
Concen: 51.002 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

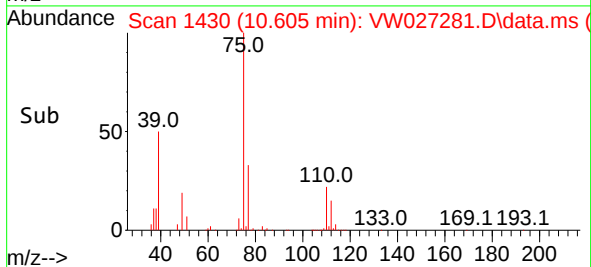
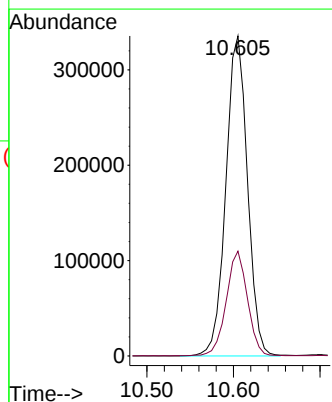
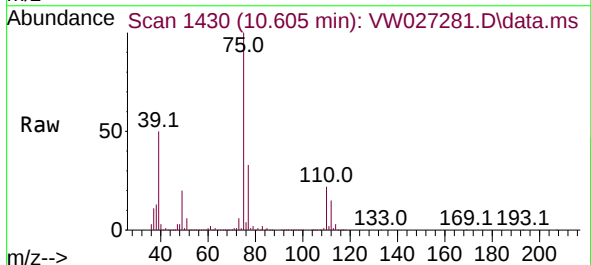
Instrument :
MSVOA_W
ClientSampleId :

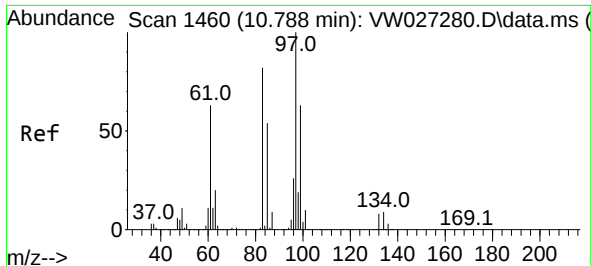
Tgt Ion: 91 Resp: 1632988
Ion Ratio Lower Upper
91 100
92 62.2 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 50.550 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 75 Resp: 581468
Ion Ratio Lower Upper
75 100
77 32.7 22.0 41.0

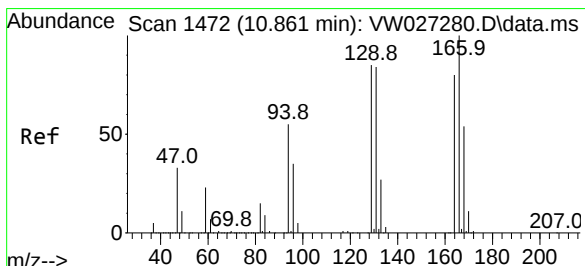
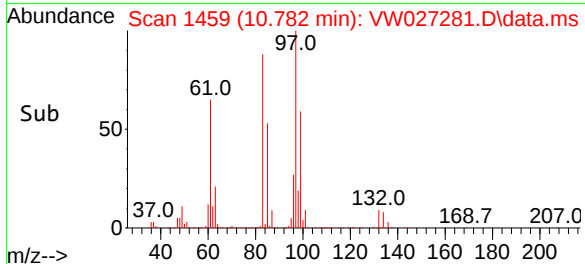
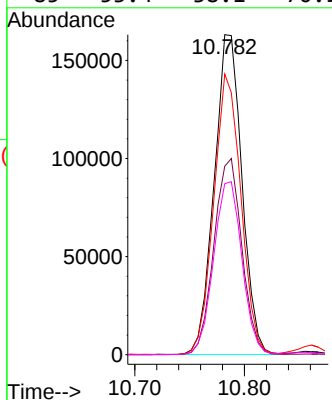
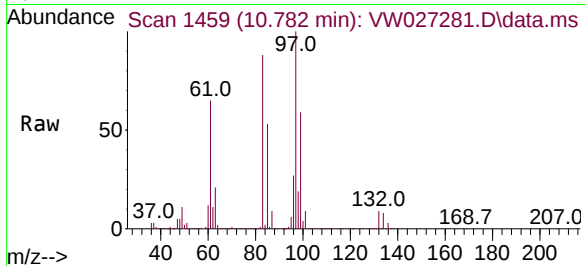




#45
1,1,2-Trichloroethane
Concen: 50.543 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

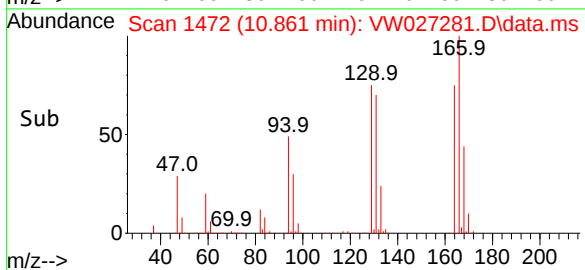
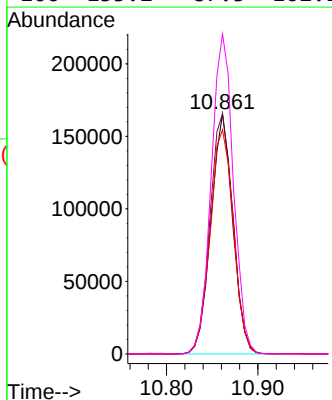
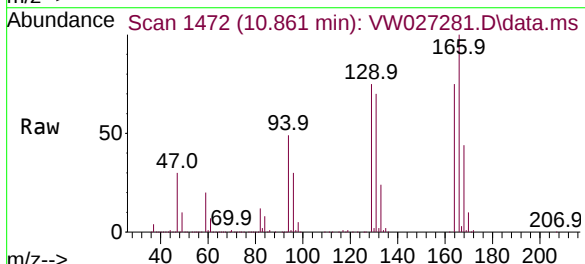
Instrument :
MSVOA_W
ClientSampleId :

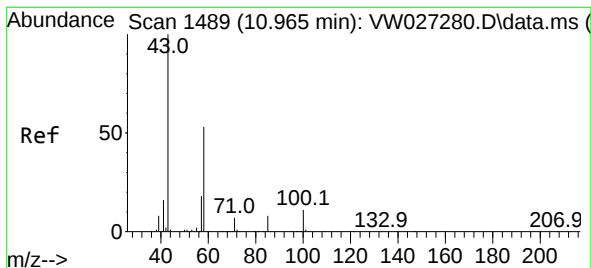
Tgt Ion: 97	Resp: 287033
Ion Ratio	Lower Upper
97 100	
99 58.9	43.8 81.4
83 87.7	57.5 106.7
85 53.4	38.1 70.9



#46
Tetrachloroethene
Concen: 49.971 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt	Ion:164	Resp:	278187
Ion	Ratio	Lower	Upper
164	100		
129	100.2	74.7	138.7
131	93.4	73.2	136.0
166	133.2	87.3	162.1





#48

2-Hexanone

Concen: 100.378 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

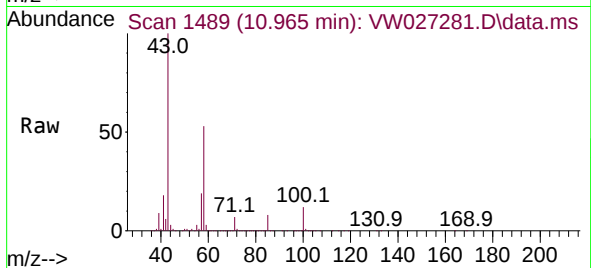
Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 421655

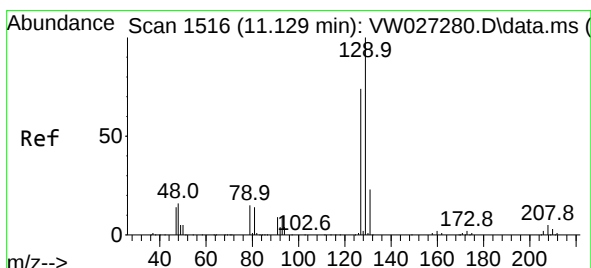
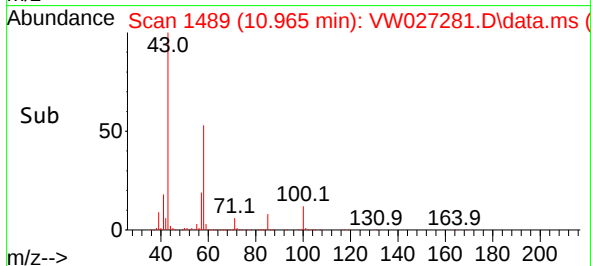
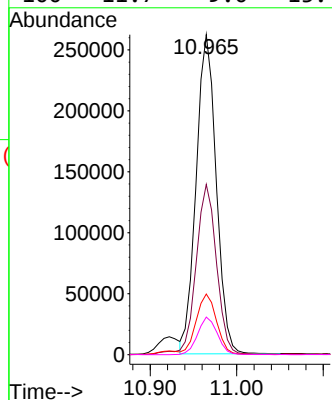
Ion Ratio Lower Upper

43 100

58 53.7 42.2 63.4

57 19.1 15.1 22.7

100 11.7 9.0 13.4



#49

Dibromochloromethane

Concen: 50.845 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027281.D

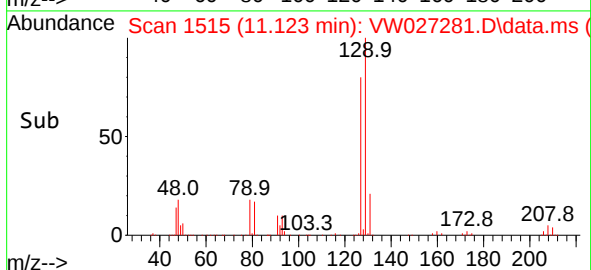
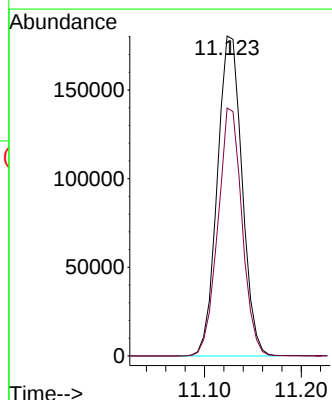
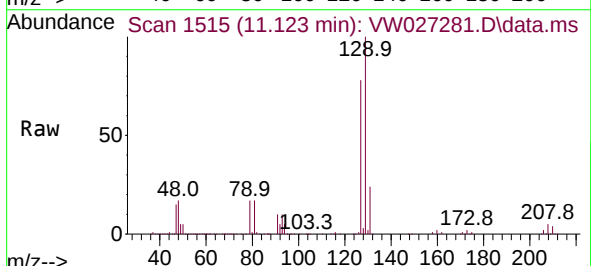
Acq: 11 Oct 2023 11:40

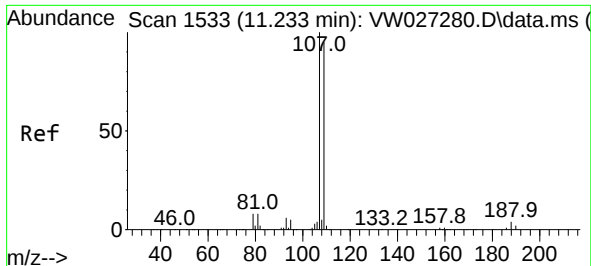
Tgt Ion:129 Resp: 320675

Ion Ratio Lower Upper

129 100

127 77.5 51.7 95.9





#50

1,2-Dibromoethane

Concen: 49.718 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

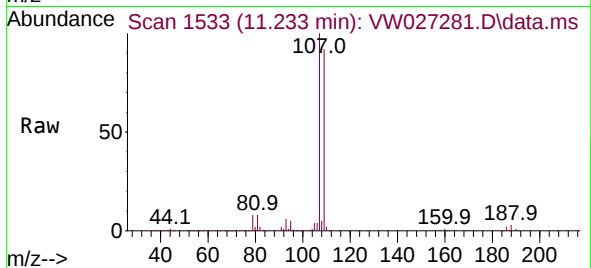
Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :



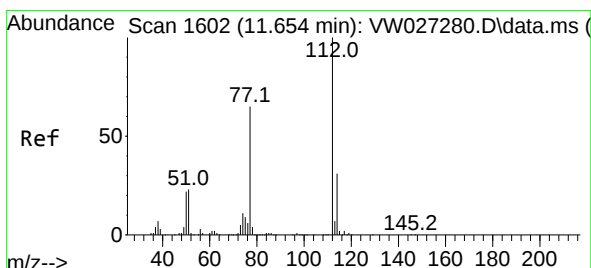
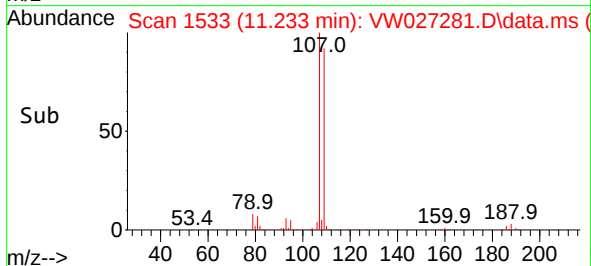
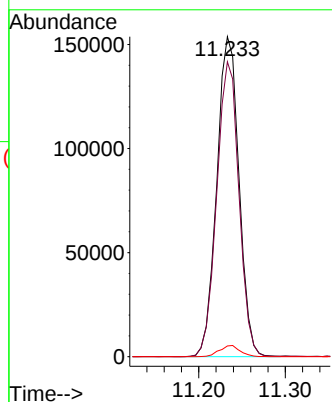
Tgt Ion:107 Resp: 273750

Ion Ratio Lower Upper

107 100

109 92.2 66.3 123.1

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 50.382 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

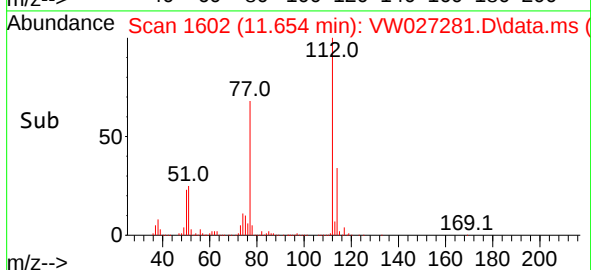
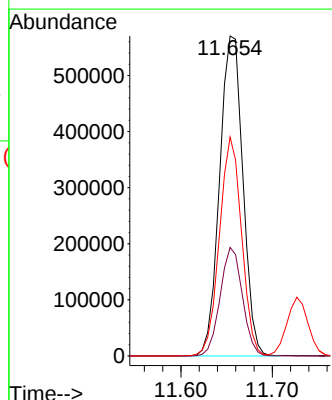
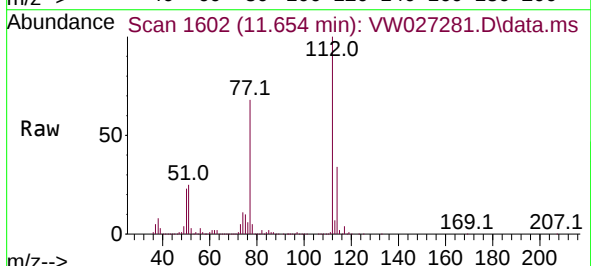
Tgt Ion:112 Resp: 1010166

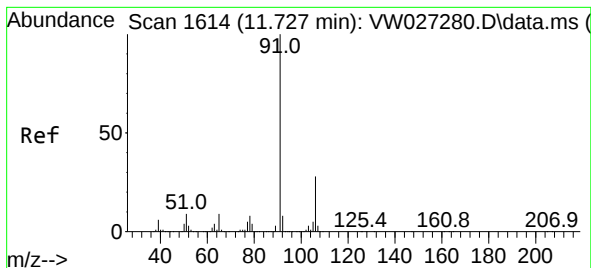
Ion Ratio Lower Upper

112 100

114 33.9 21.8 40.6

77 68.4 52.2 78.4

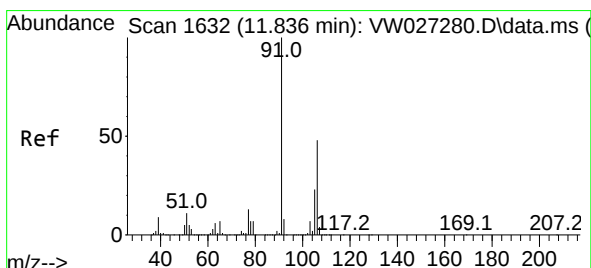
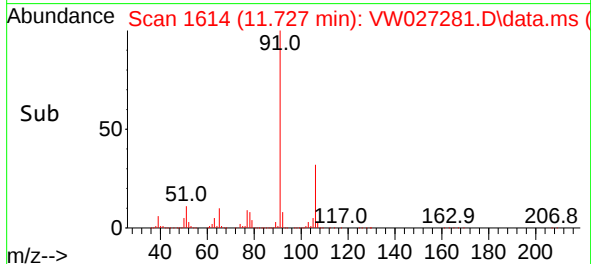
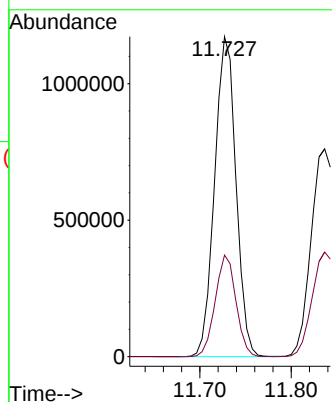
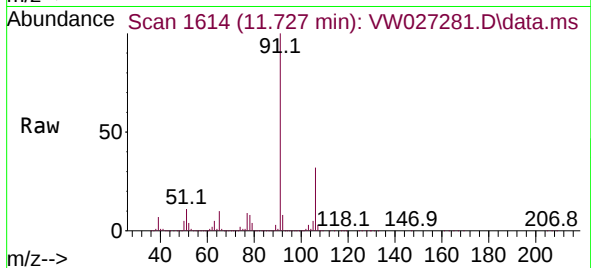




#52
Ethylbenzene
Concen: 51.088 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

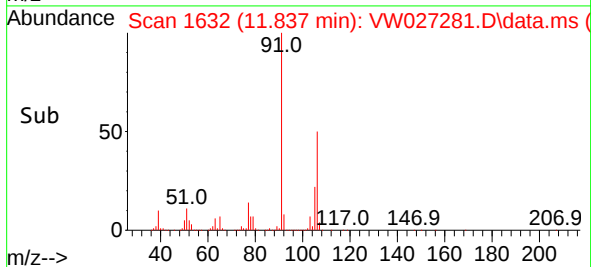
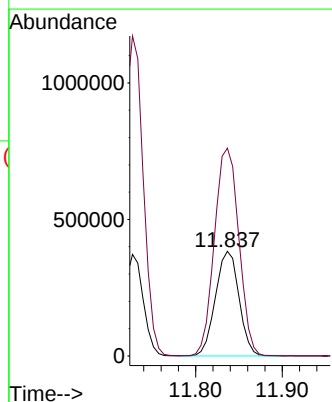
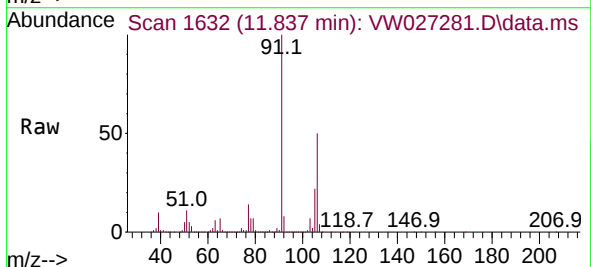
Instrument :
MSVOA_W
ClientSampleId :

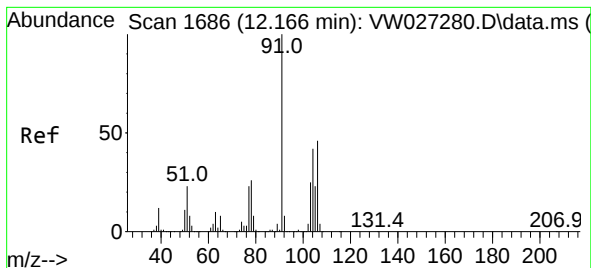
Tgt Ion: 91 Resp: 1900829
Ion Ratio Lower Upper
91 100
106 31.7 19.8 36.8



#53
m,p-Xylene
Concen: 51.303 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:106 Resp: 723999
Ion Ratio Lower Upper
106 100
91 198.7 144.5 268.4

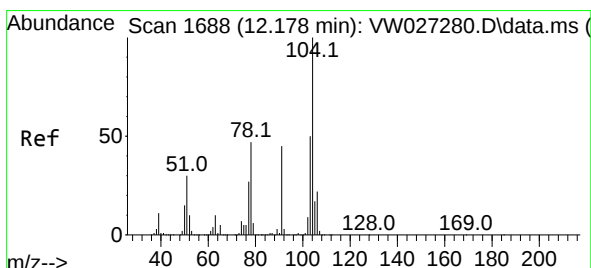
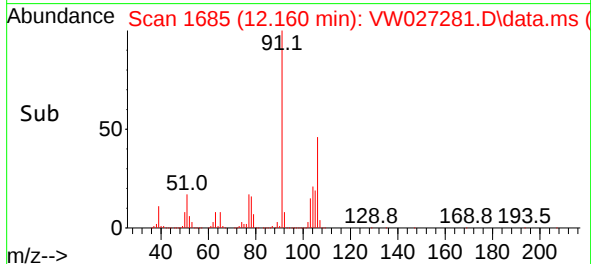
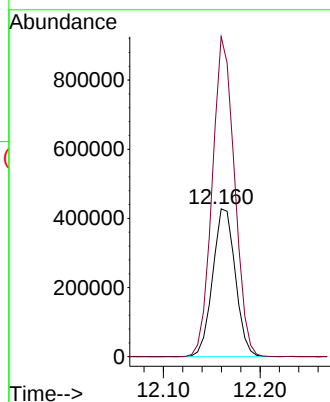
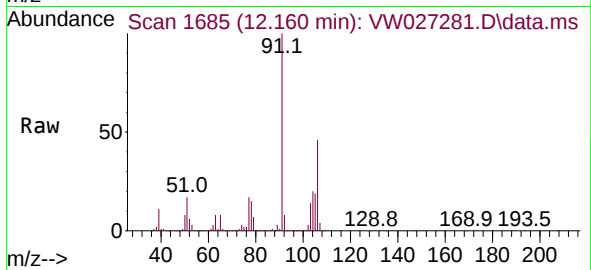




#54
o-Xylene
Concen: 51.336 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

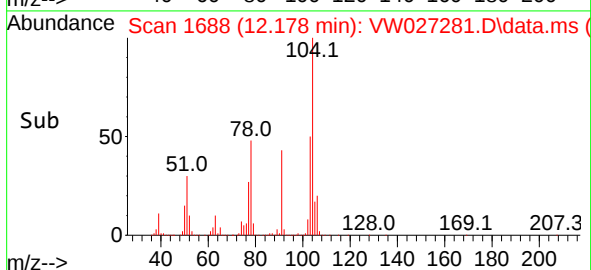
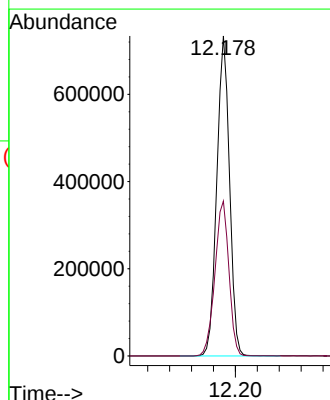
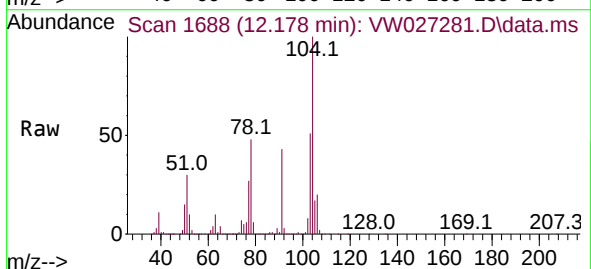
Instrument :
MSVOA_W
ClientSampleId :

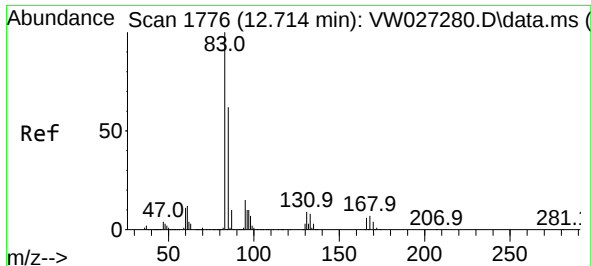
Tgt Ion:106 Resp: 693752
Ion Ratio Lower Upper
106 100
91 216.5 152.0 282.2



#55
Styrene
Concen: 51.079 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:104 Resp: 1178895
Ion Ratio Lower Upper
104 100
78 48.4 33.2 61.6

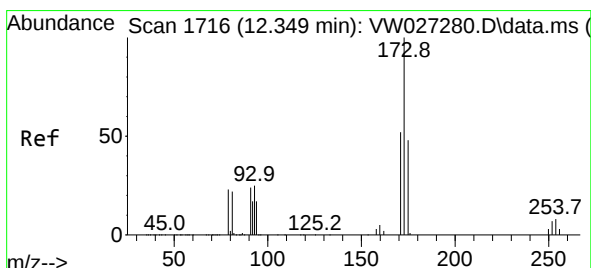
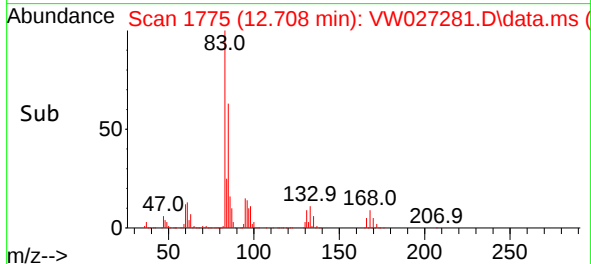
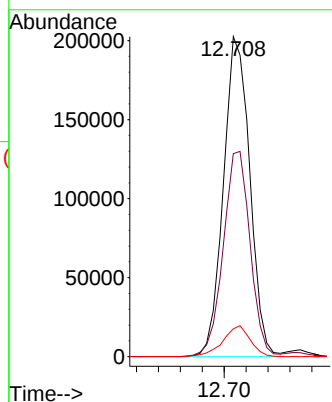
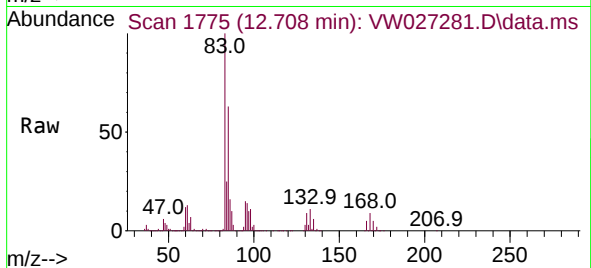




#57
1,1,2,2-Tetrachloroethane
Concen: 48.761 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

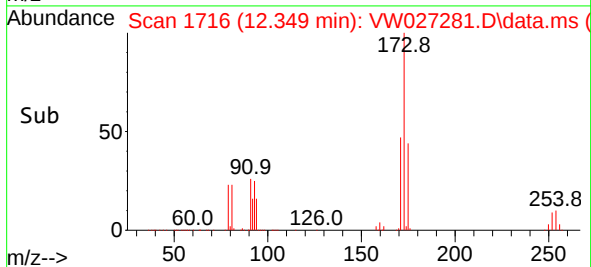
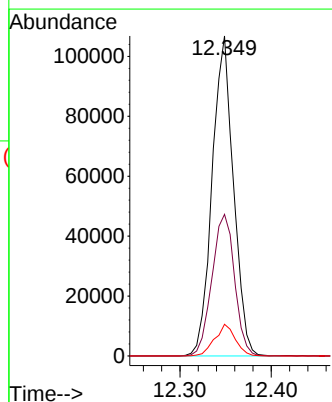
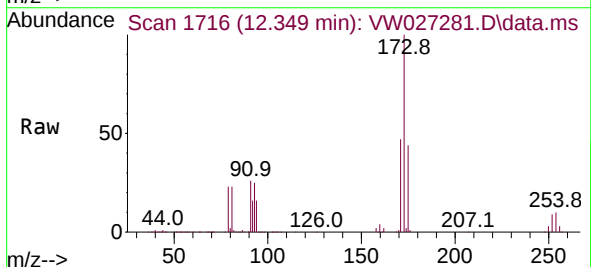
Instrument :
MSVOA_W
ClientSampleId :

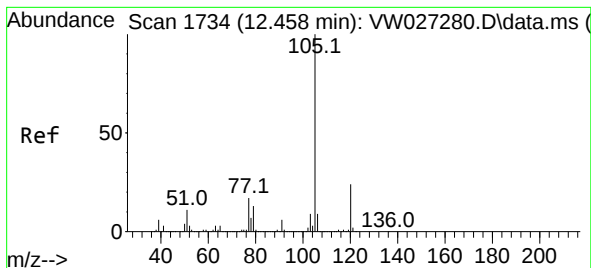
Tgt Ion: 83 Resp: 338041
Ion Ratio Lower Upper
83 100
85 63.5 43.2 80.2
131 8.7 7.2 10.8



#59
Bromoform
Concen: 48.499 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:173 Resp: 172801
Ion Ratio Lower Upper
173 100
175 46.9 39.6 59.4
254 9.5 6.6 10.0





#60

Isopropylbenzene

Concen: 50.448 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

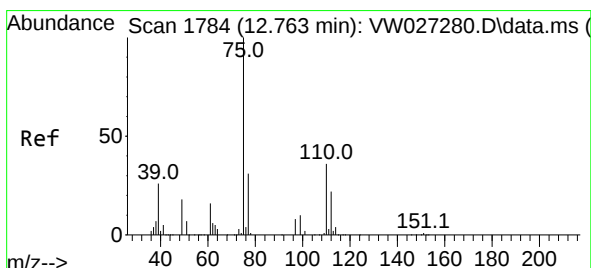
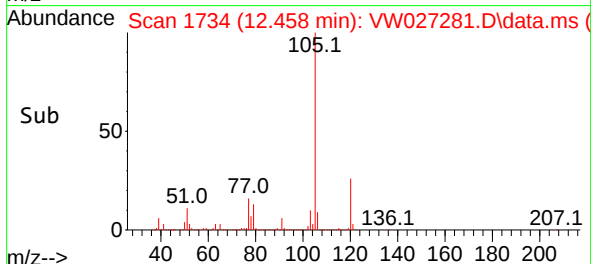
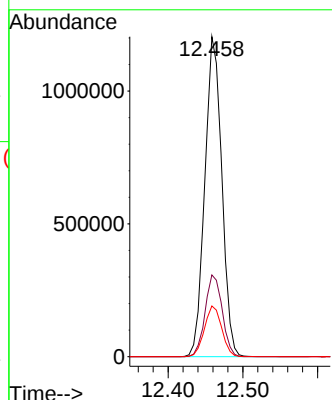
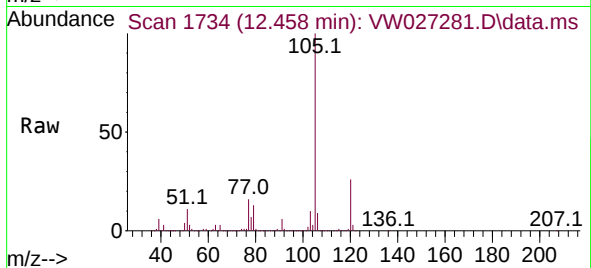
Tgt Ion:105 Resp: 1897640

Ion Ratio Lower Upper

105 100

120 25.8 20.1 30.1

77 16.1 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 47.069 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

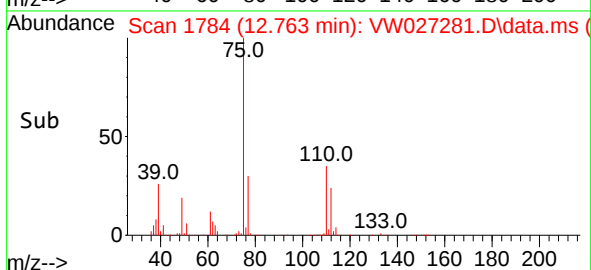
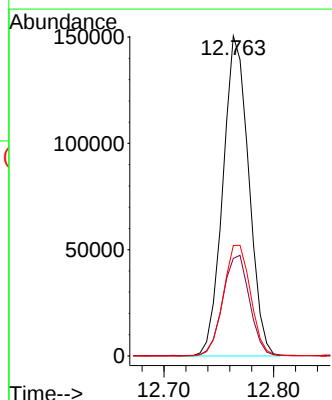
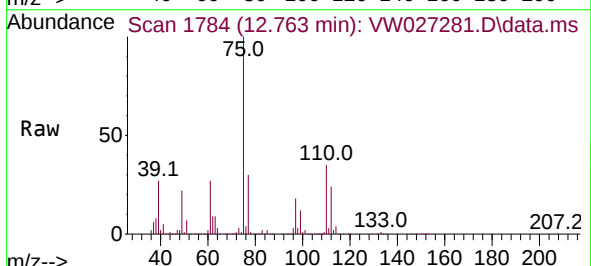
Tgt Ion: 75 Resp: 246089

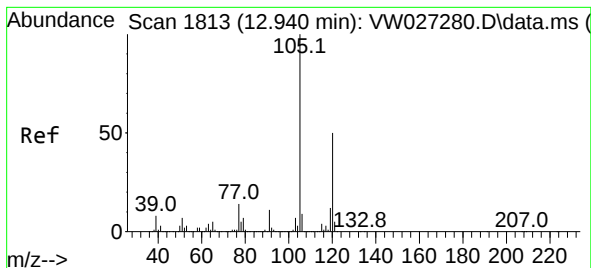
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

110 36.5 29.7 44.5

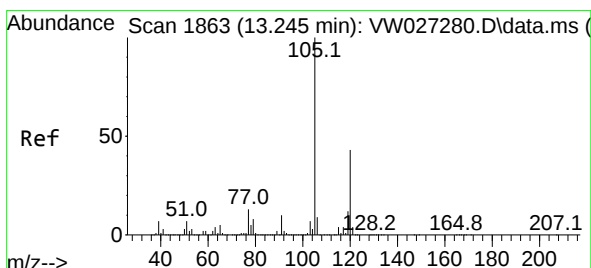
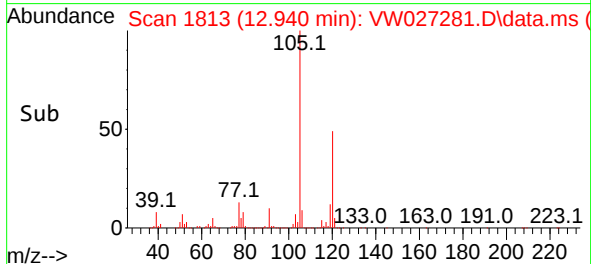
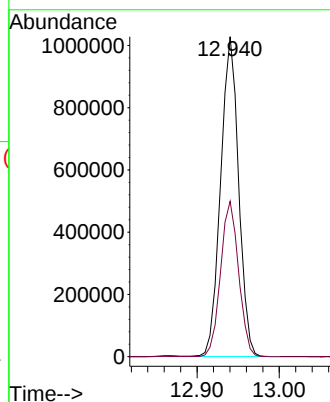
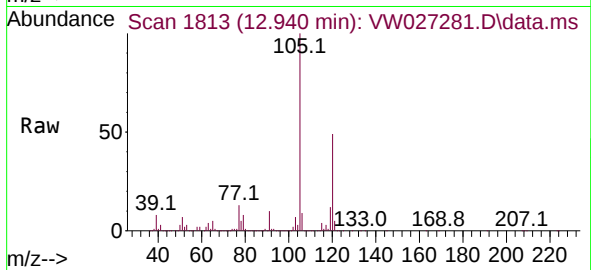




#62
1,3,5-Trimethylbenzene
Concen: 49.756 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

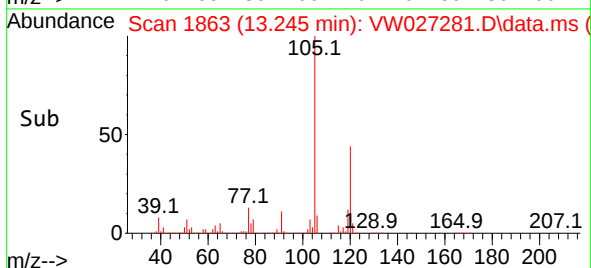
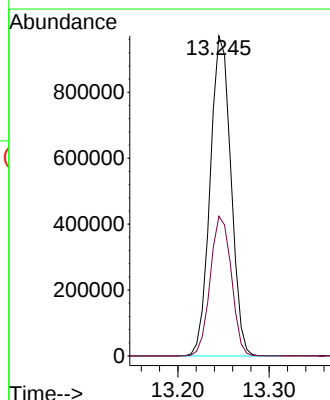
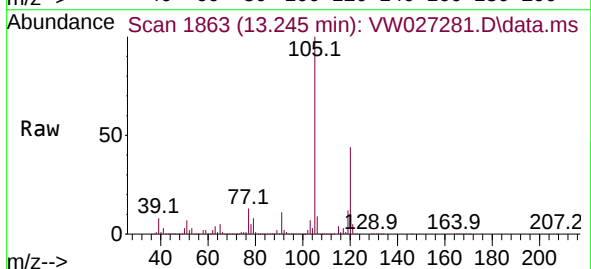
Instrument :
MSVOA_W
ClientSampleId :

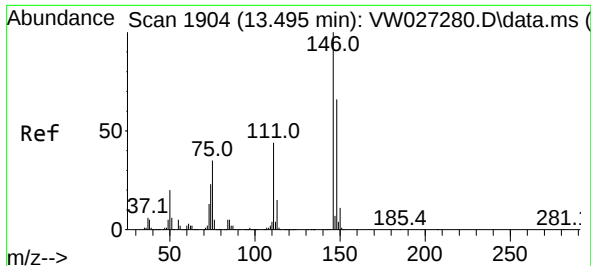
Tgt Ion:105 Resp: 1561171
Ion Ratio Lower Upper
105 100
120 48.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 49.957 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:105 Resp: 1533665
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2

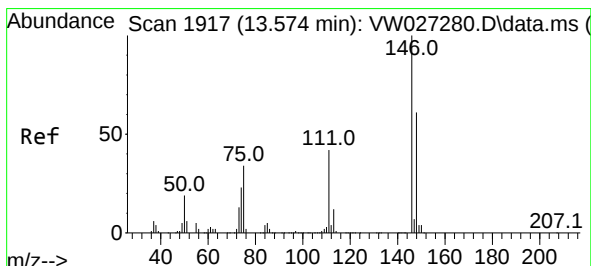
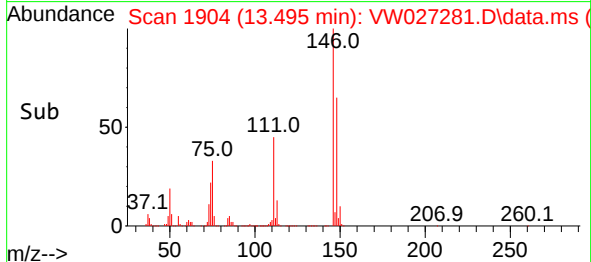
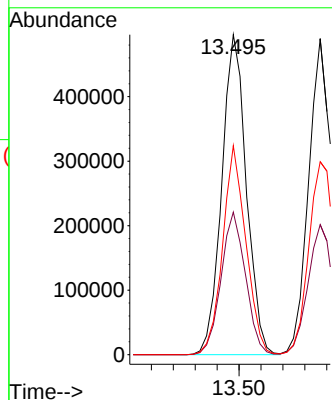
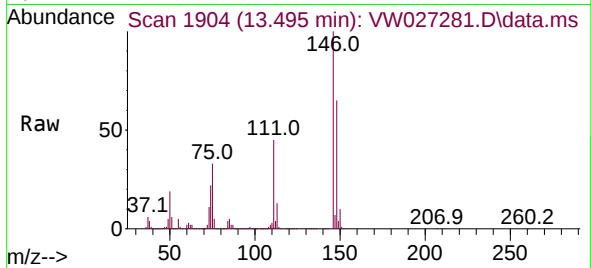




#64
1,3-Dichlorobenzene
Concen: 50.739 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

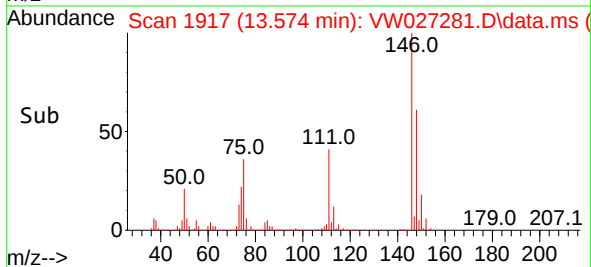
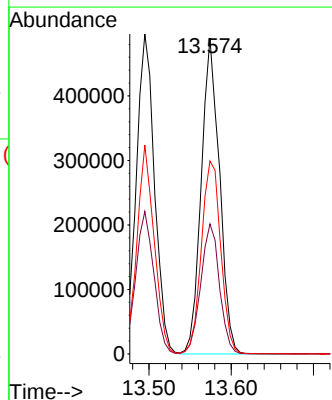
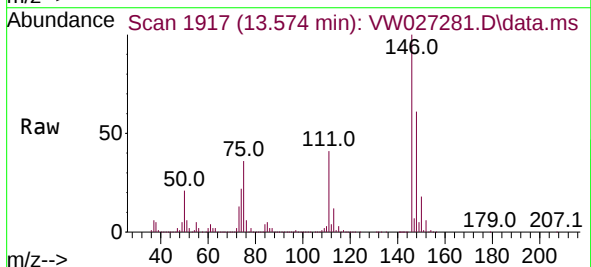
Instrument :
MSVOA_W
ClientSampleId :

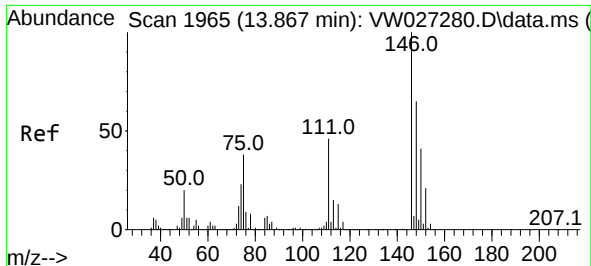
Tgt Ion:146 Resp: 773957
Ion Ratio Lower Upper
146 100
111 44.5 30.8 57.2
148 65.3 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 49.556 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027281.D
Acq: 11 Oct 2023 11:40

Tgt Ion:146 Resp: 754903
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.9
148 61.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 49.695 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

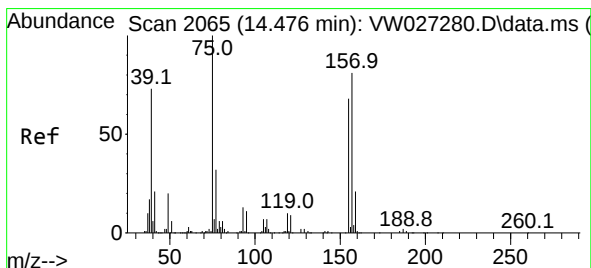
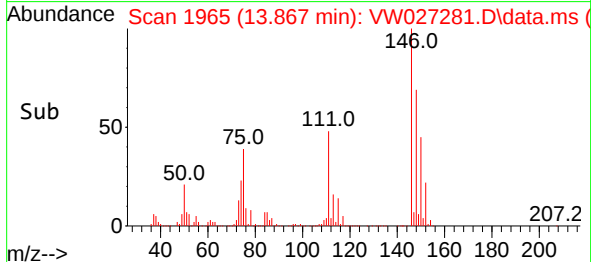
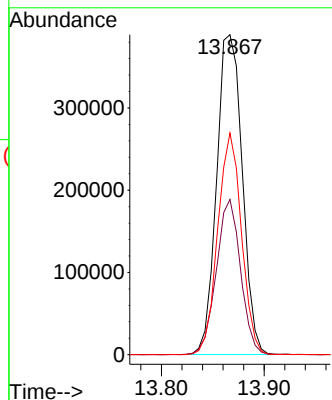
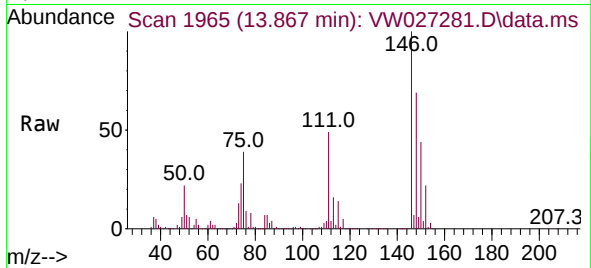
Tgt Ion:146 Resp: 672649

Ion Ratio Lower Upper

146 100

111 48.5 36.8 55.2

148 69.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 45.871 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

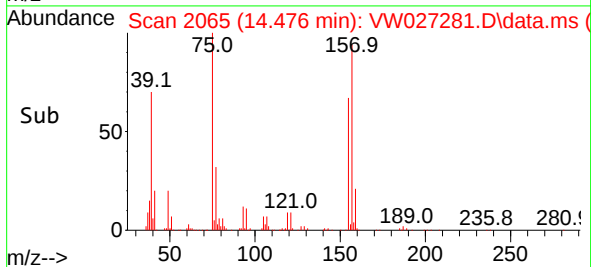
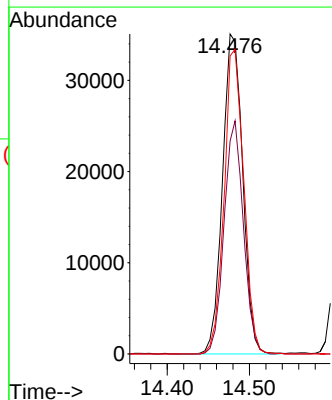
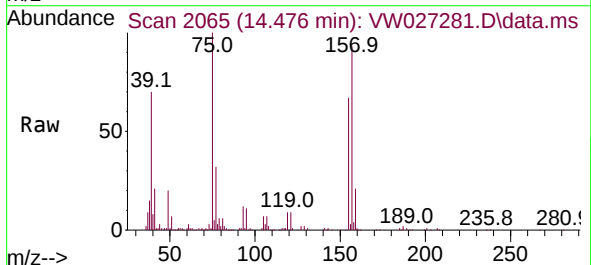
Tgt Ion: 75 Resp: 59939

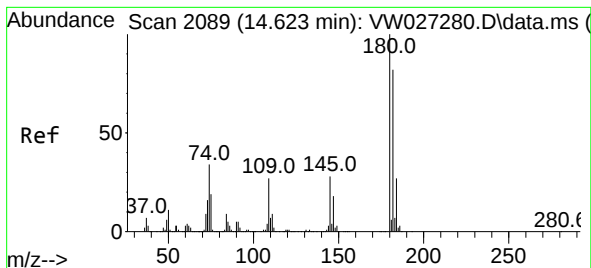
Ion Ratio Lower Upper

75 100

155 66.5 54.9 82.3

157 93.2 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 47.438 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

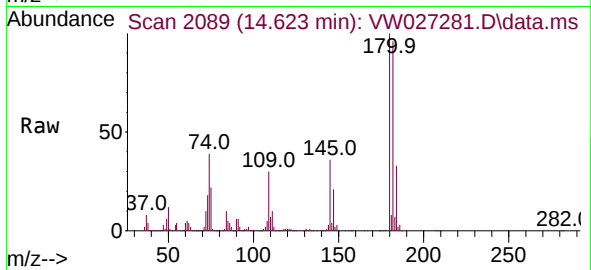
Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 469735

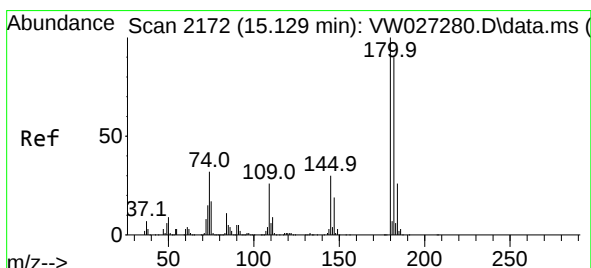
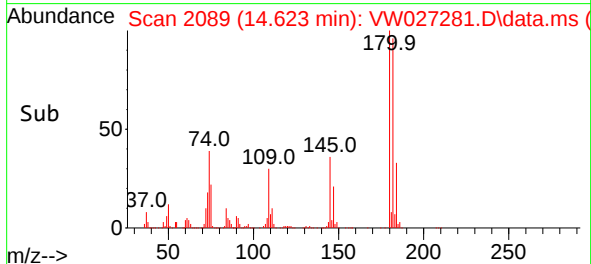
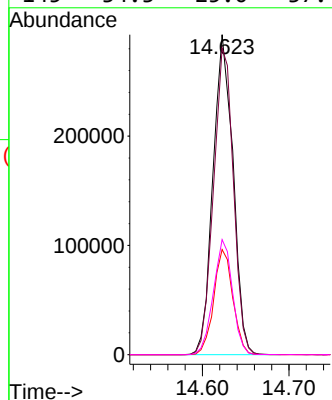
Ion Ratio Lower Upper

180 100

182 95.1 73.4 110.0

184 31.4 23.3 34.9

145 34.3 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 47.588 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

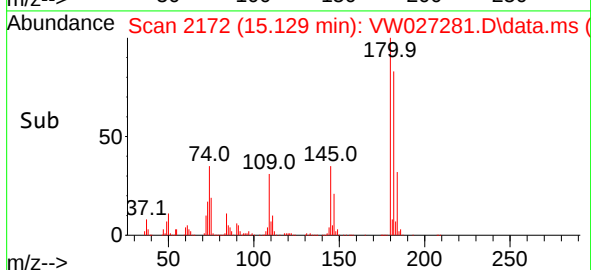
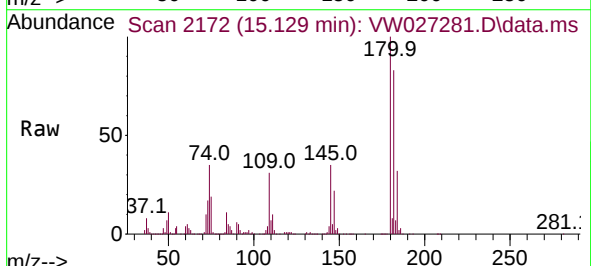
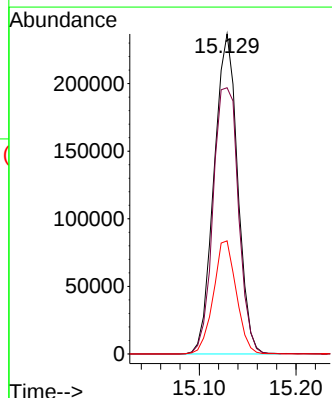
Tgt Ion:180 Resp: 401076

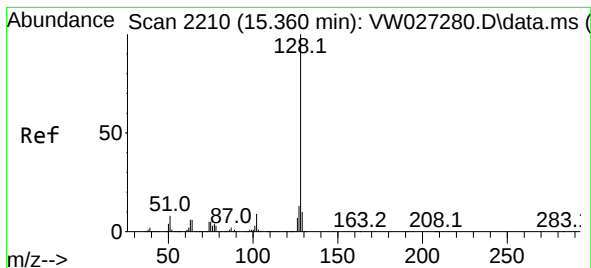
Ion Ratio Lower Upper

180 100

182 89.5 75.5 113.3

145 34.3 26.4 39.6





#71

Naphthalene

Concen: 45.977 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

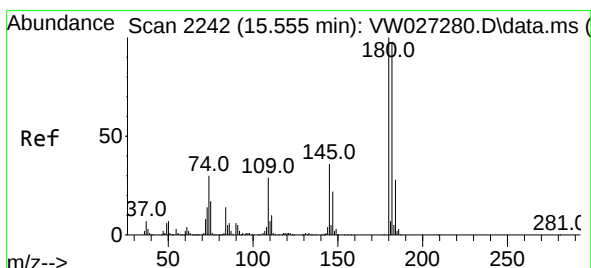
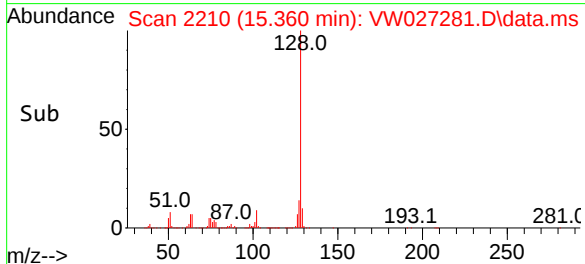
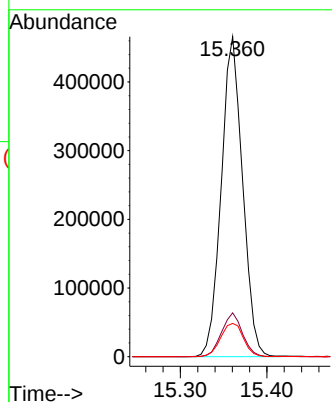
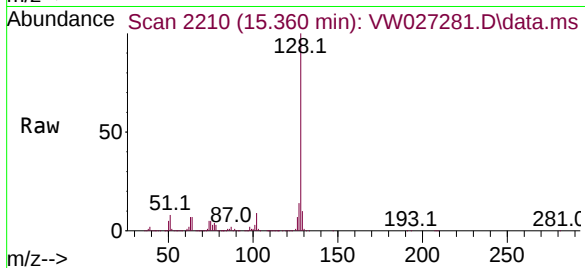
Tgt Ion:128 Resp: 796876

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.822 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW027281.D

Acq: 11 Oct 2023 11:40

Tgt Ion:180 Resp: 324491

Ion Ratio Lower Upper

180 100

182 96.4 81.1 121.7

145 36.4 30.6 45.8

