

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
 Data File : VW027431.D
 Acq On : 25 Oct 2023 09:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 26 00:44:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	372864	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171532	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110496	19.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
7) Chloroethane-d5	2.899	69	90145	22.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	4.021	65	57856	20.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.075	46	100193	52.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.940%
24) Chloroform-d	7.654	84	256437	23.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.307	65	136420	22.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	8.276	84	508974	22.438	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.276	67	161836	23.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.325	98	431891	20.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	10.575	79	64061	20.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.120%
47) 2-Hexanone-d5	10.922	63	76212	53.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140098	27.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	138765	22.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	125726	24.660	ug/L	99
5) Vinyl chloride	2.375	62	140522	24.674	ug/L	96
6) Bromomethane	2.789	94	77953	24.031	ug/L	96
8) Chloroethane	2.936	64	83080	25.343	ug/L	96
9) Trichlorofluoromethane	3.271	101	122196	30.413	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	126773	25.198	ug/L	98
12) 1,1-Dichloroethene	4.045	96	118135	24.162	ug/L	85
13) Acetone	4.124	43	98473	60.280	ug/L	98
14) Carbon disulfide	4.387	76	316455	20.878	ug/L	98
15) Methyl Acetate	4.673	43	74874	26.835	ug/L	98
16) Methylene chloride	4.923	84	149328	21.879	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	123963	23.591	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	234865	25.906	ug/L	99
19) 1,1-Dichloroethane	6.222	63	273354	25.497	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	148226	24.979	ug/L	97
22) 2-Butanone	7.173	43	122357	50.040	ug/L	98
23) Bromochloromethane	7.514	128	58450	23.858	ug/L	81
25) Chloroform	7.673	83	258310	25.744	ug/L	98
27) 1,2-Dichloroethane	8.404	62	178569	26.199	ug/L	98

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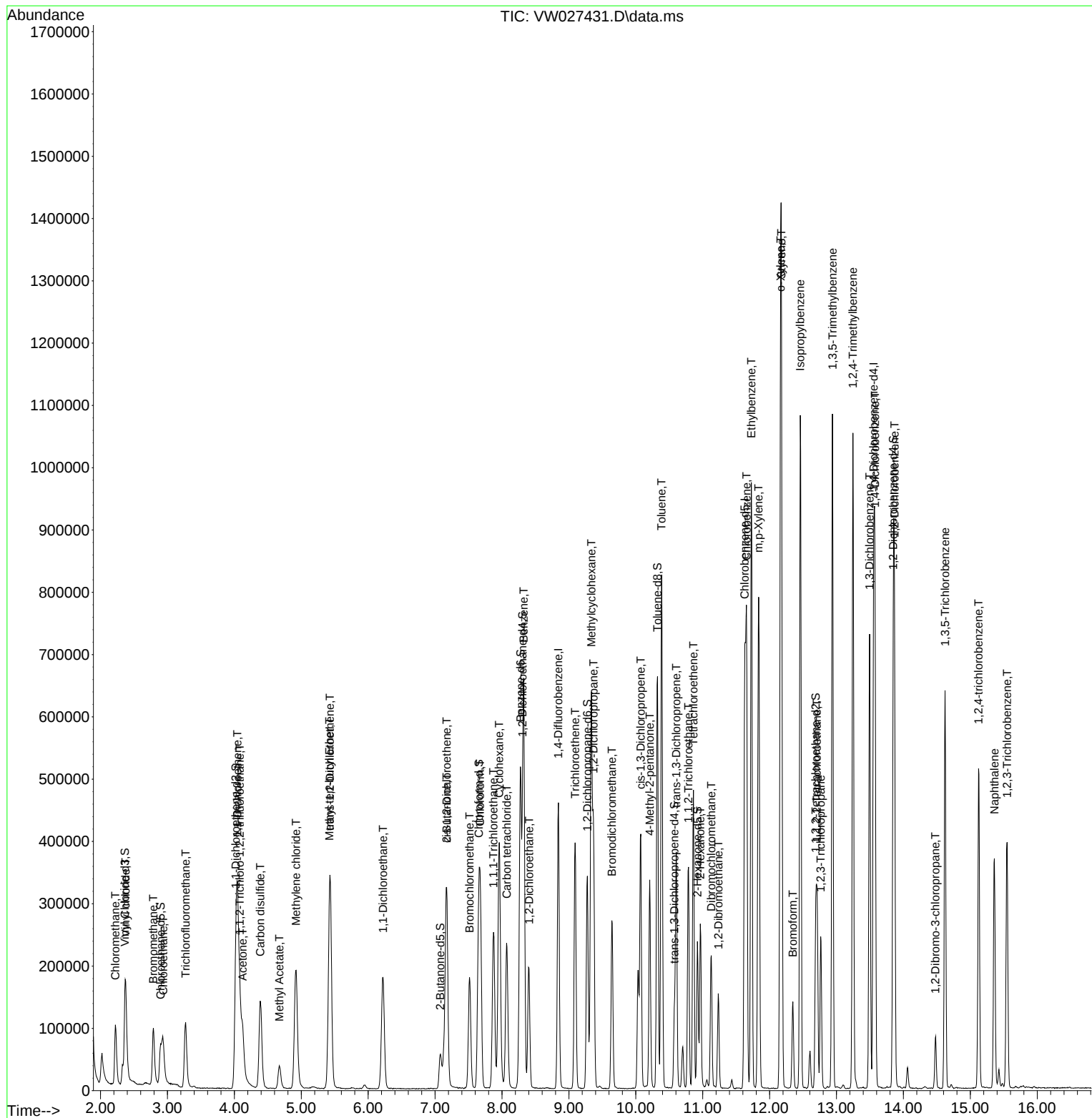
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	246086	24.174	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	210298	25.714	ug/L	98
31) Carbon tetrachloride	8.069	117	177412	24.058	ug/L	99
33) Benzene	8.325	78	561153	25.610	ug/L	100
34) Trichloroethene	9.093	95	144296	24.931	ug/L	94
35) Methylcyclohexane	9.337	83	245186	23.689	ug/L	98
37) 1,2-Dichloropropane	9.367	63	158102	26.686	ug/L	99
38) Bromodichloromethane	9.642	83	184853	25.374	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	242221	24.750	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	226210	55.520	ug/L	98
42) Toluene	10.386	91	588637	25.609	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	202363	24.506	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	112078	27.491	ug/L	97
46) Tetrachloroethene	10.861	164	99381	24.867	ug/L	87
48) 2-Hexanone	10.965	43	173991	57.697	ug/L	98
49) Dibromochloromethane	11.129	129	110654	24.440	ug/L	100
50) 1,2-Dibromoethane	11.233	107	102315	25.885	ug/L #	100
51) Chlorobenzene	11.654	112	368572	25.606	ug/L	98
52) Ethylbenzene	11.727	91	685498	25.664	ug/L	98
53) m,p-Xylene	11.836	106	254077	25.079	ug/L	99
54) o-Xylene	12.166	106	240818	24.823	ug/L	98
55) Styrene	12.178	104	428987	25.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	140978	28.327	ug/L	99
59) Bromoform	12.349	173	59876	23.459	ug/L	99
60) Isopropylbenzene	12.458	105	706216	26.208	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	103197	27.553	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	562326	25.018	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	551591	25.081	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	270152	24.723	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	282260	25.865	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	248606	25.639	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	22070	23.577	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	177342	25.000	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	149958	24.837	ug/L	99
71) Naphthalene	15.360	128	307414	24.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	122297	24.633	ug/L	98

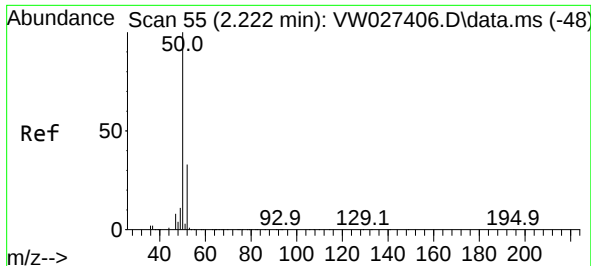
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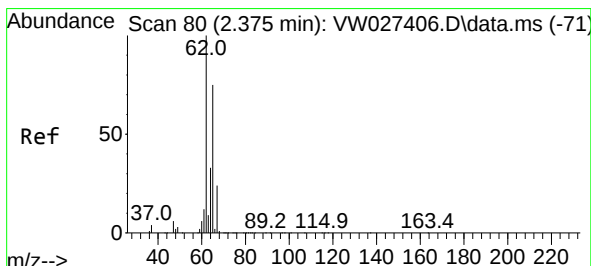
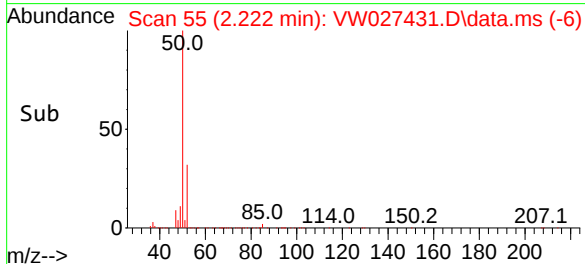
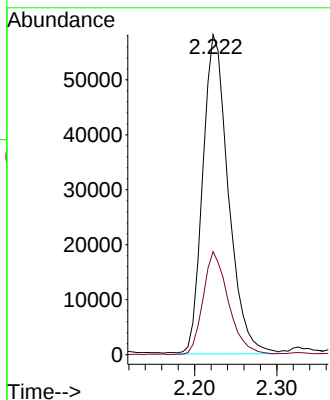
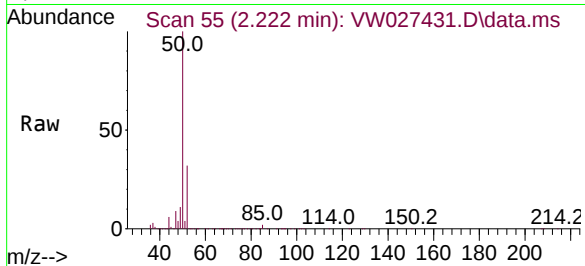




#3
Chloromethane
Concen: 24.660 ug/L
RT: 2.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

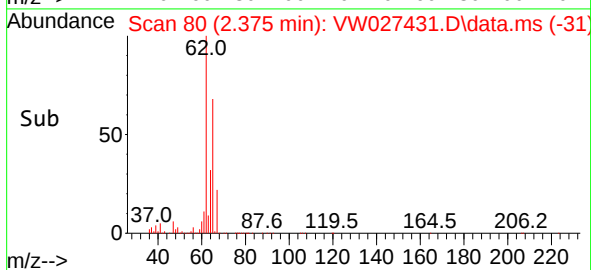
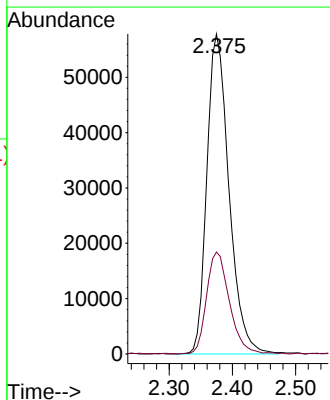
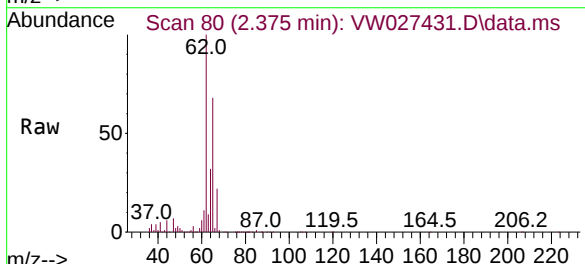
Instrument :
MSVOA_W
ClientSampleId :

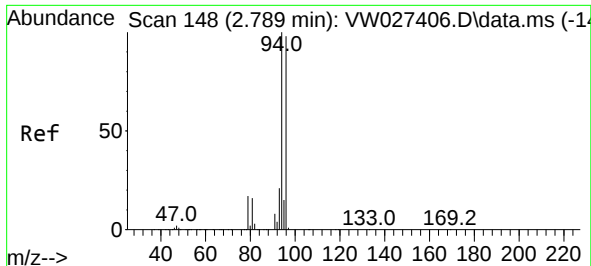
Tgt Ion: 50 Resp: 125726
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3



#5
Vinyl chloride
Concen: 24.674 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 62 Resp: 140522
Ion Ratio Lower Upper
62 100
64 31.9 23.8 44.2

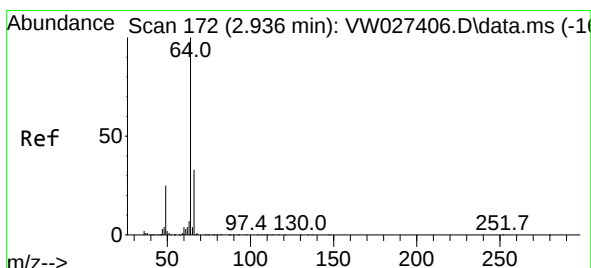
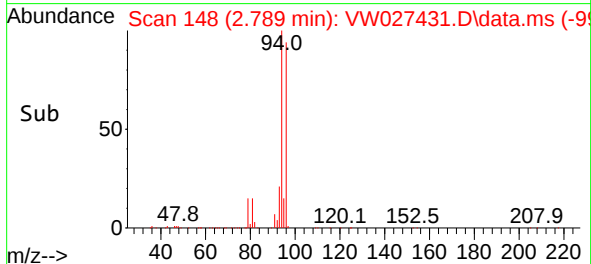
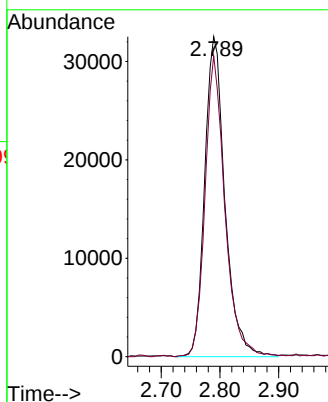
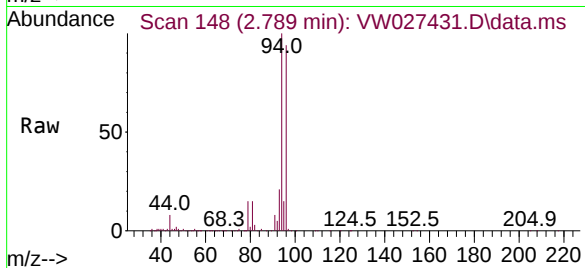




#6
Bromomethane
Concen: 24.031 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

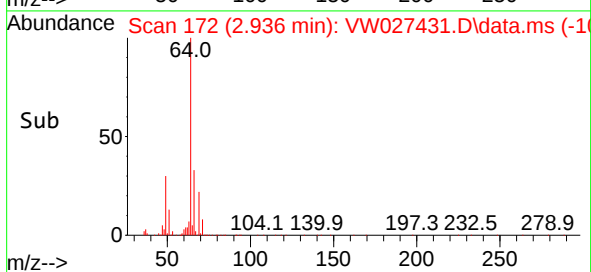
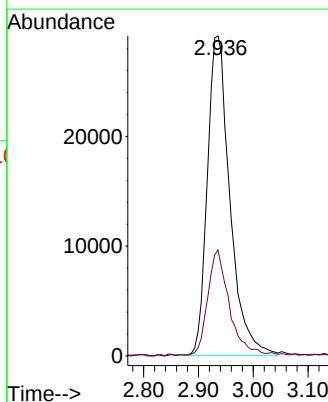
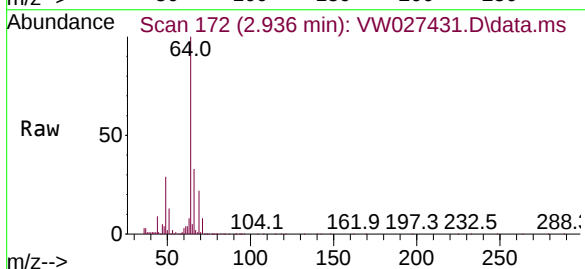
Instrument :
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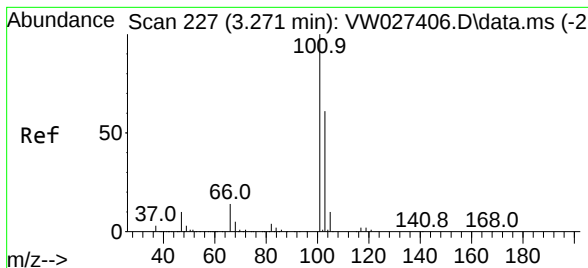
Tgt Ion: 94 Resp: 77953
Ion Ratio Lower Upper
94 100
96 94.0 62.9 116.9



#8
Chloroethane
Concen: 25.343 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 64 Resp: 83080
Ion Ratio Lower Upper
64 100
66 33.2 21.7 40.3





#9

Trichlorofluoromethane

Concen: 30.413 ug/L

RT: 3.271 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

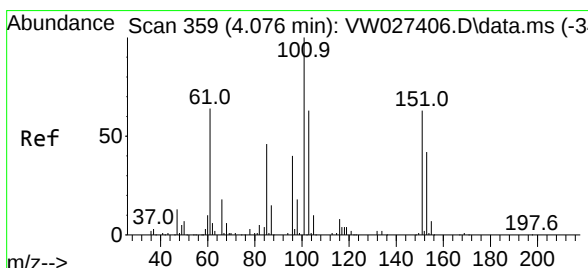
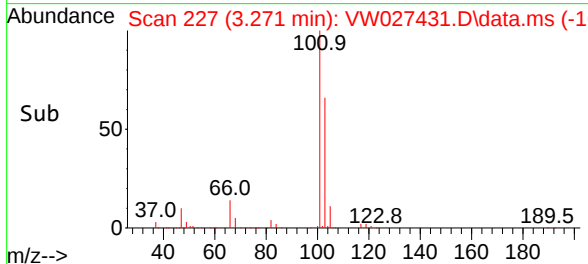
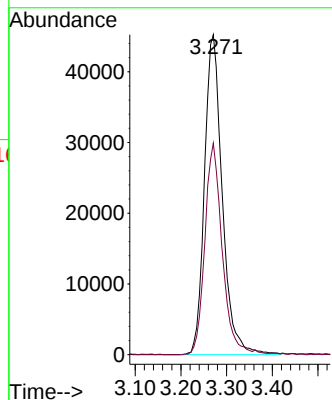
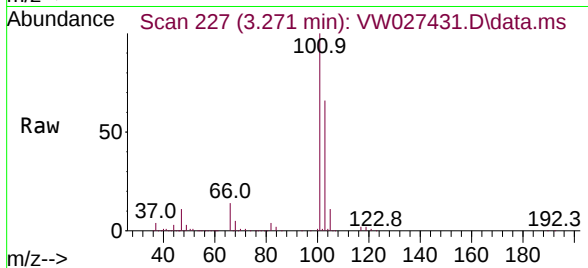
ClientSampleId :

Tgt Ion:101 Resp: 122196

Ion Ratio Lower Upper

101 100

103 64.1 51.6 77.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.198 ug/L

RT: 4.082 min Scan# 360

Delta R.T. 0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

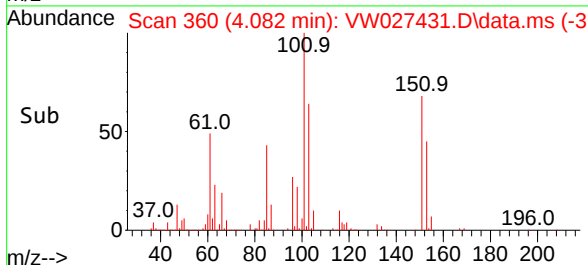
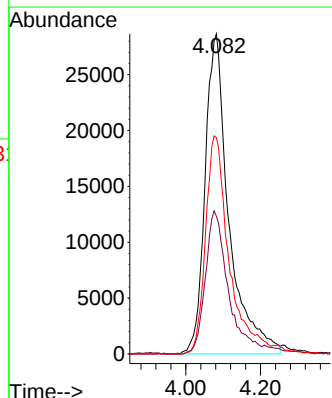
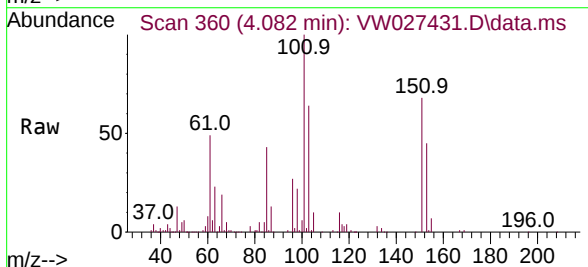
Tgt Ion:101 Resp: 126773

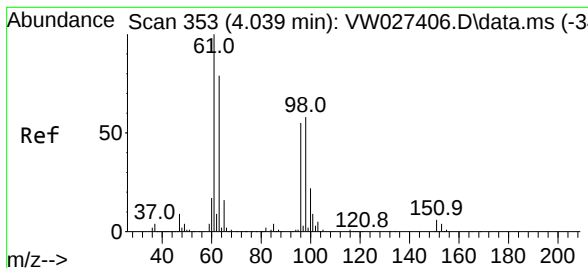
Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

151 64.7 49.5 74.3





#12

1,1-Dichloroethene

Concen: 24.162 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

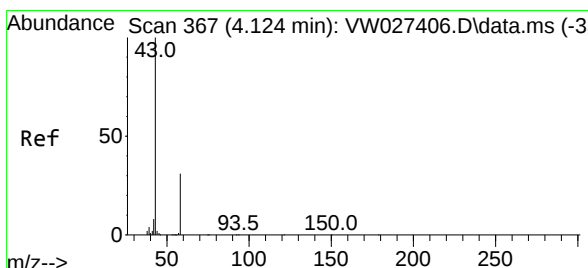
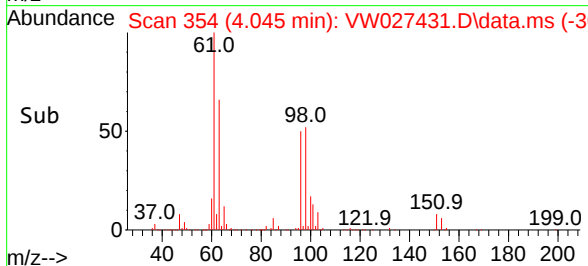
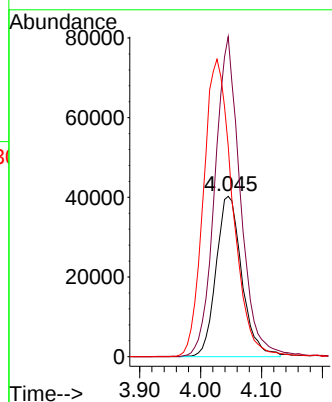
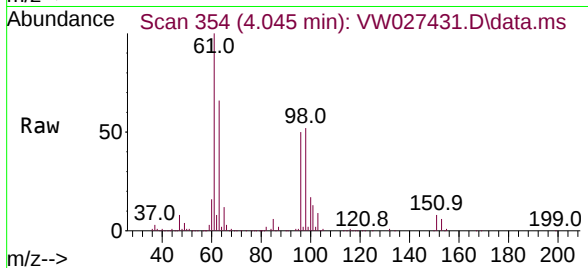
Tgt Ion: 96 Resp: 118135

Ion Ratio Lower Upper

96 100

61 199.6 133.3 247.5

63 131.6 115.8 215.2



#13

Acetone

Concen: 60.280 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW027431.D

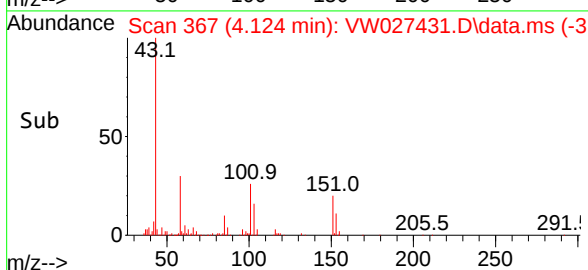
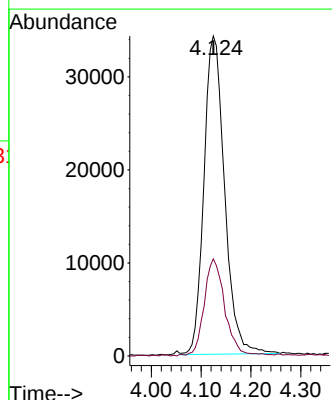
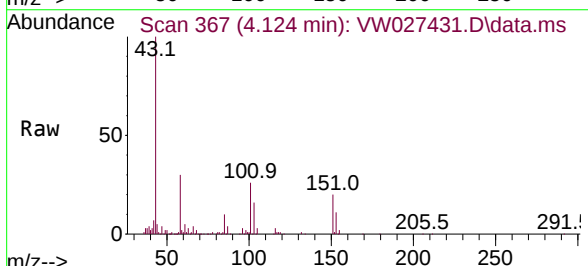
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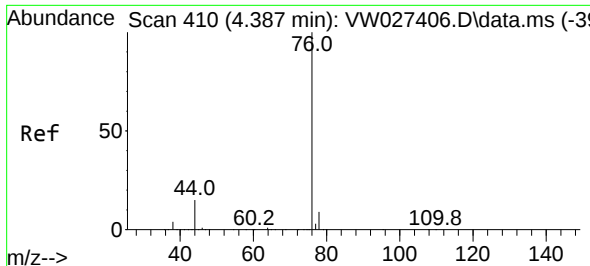
Tgt Ion: 43 Resp: 98473

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.8

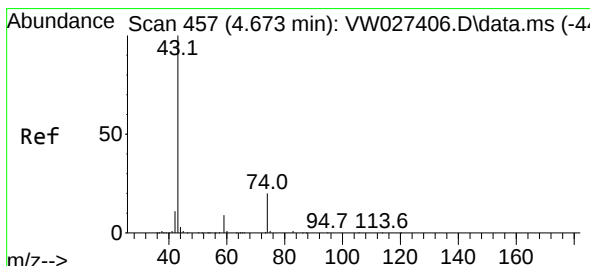
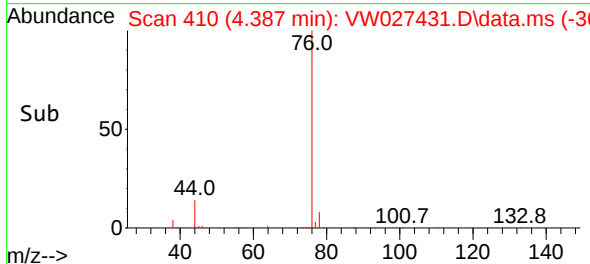
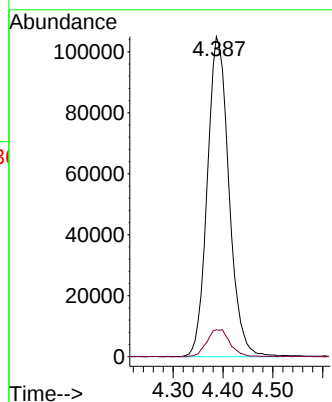
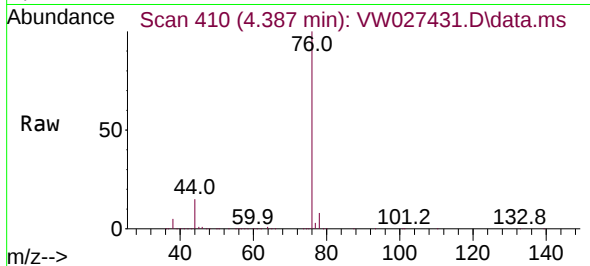




#14
Carbon disulfide
Concen: 20.878 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027431.D
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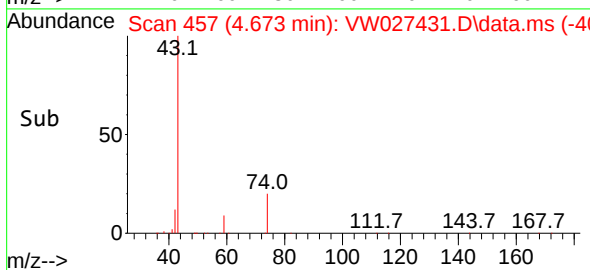
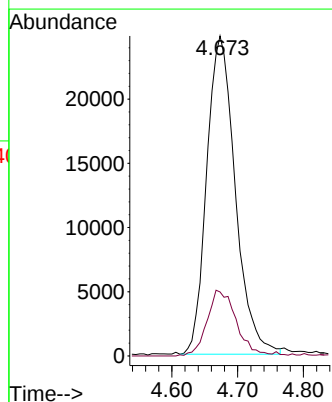
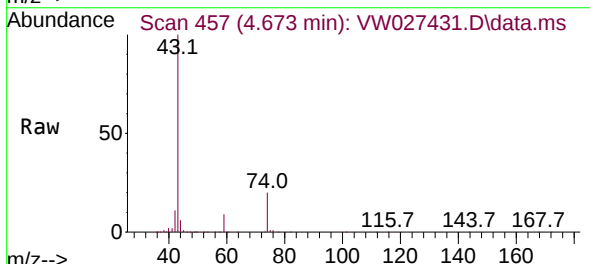
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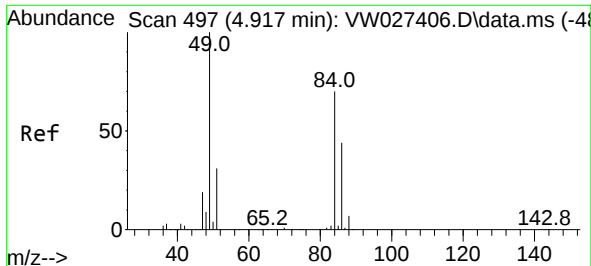
Tgt Ion: 76 Resp: 316455
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#15
Methyl Acetate
Concen: 26.835 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 74874
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3

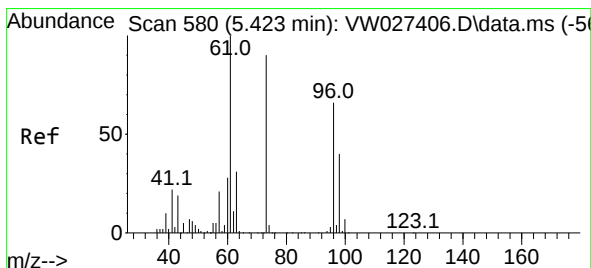
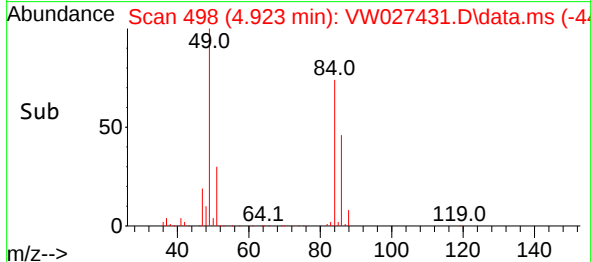
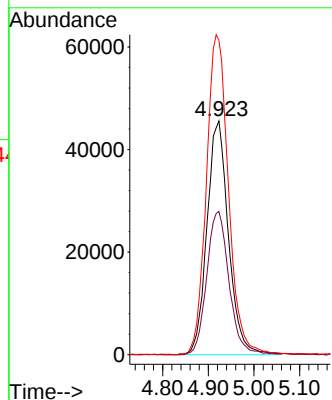
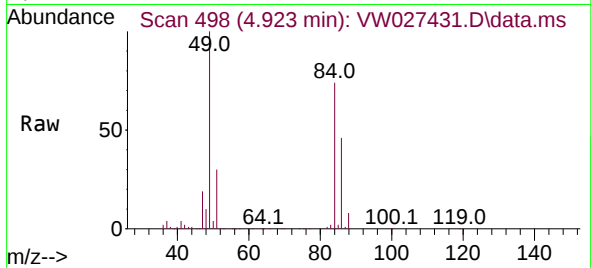




#16
Methylene chloride
Concen: 21.879 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

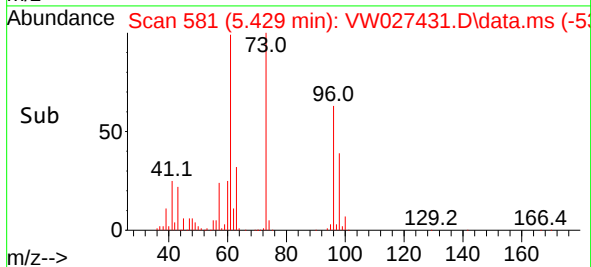
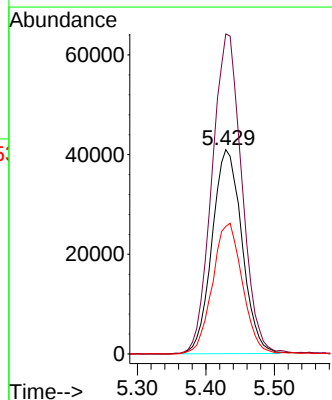
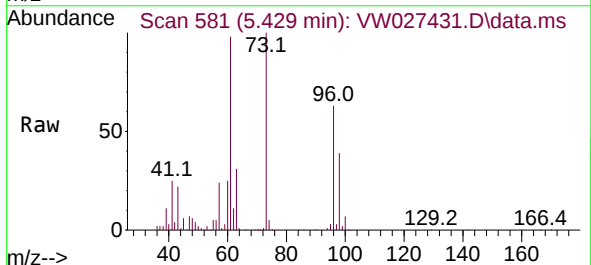
Instrument :
MSVOA_W
ClientSampleId :

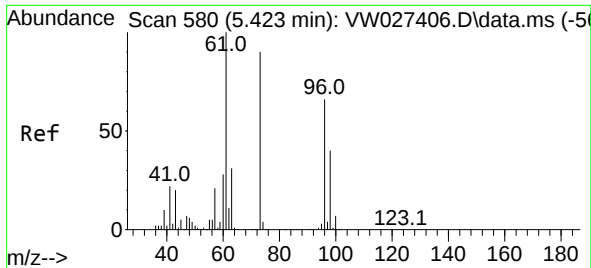
Tgt Ion: 84 Resp: 149328
Ion Ratio Lower Upper
84 100
86 61.3 41.3 76.7
49 134.5 92.8 172.4



#17
trans-1,2-Dichloroethene
Concen: 23.591 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

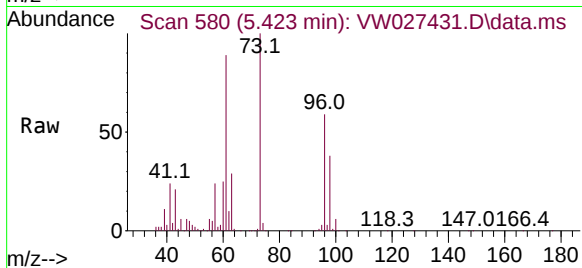
Tgt Ion: 96 Resp: 123963
Ion Ratio Lower Upper
96 100
61 156.6 105.6 196.0
98 62.4 45.0 83.6



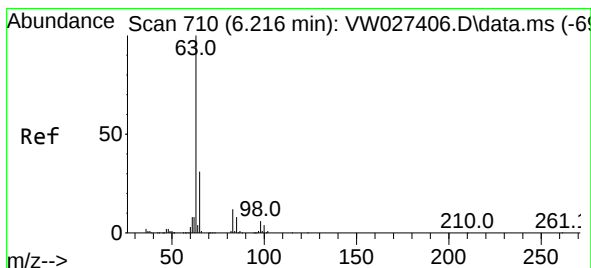
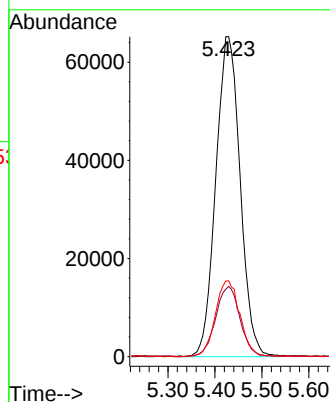
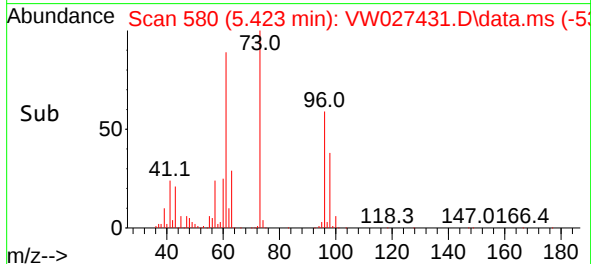


#18
Methyl tert-butyl Ether
Concen: 25.906 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

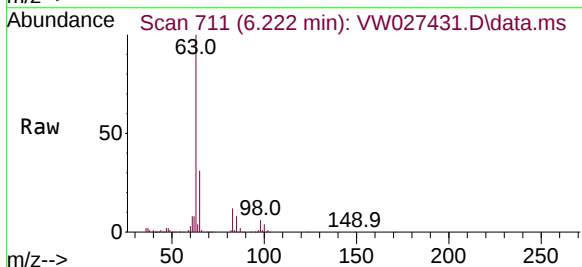
Instrument :
MSVOA_W
ClientSampleId :



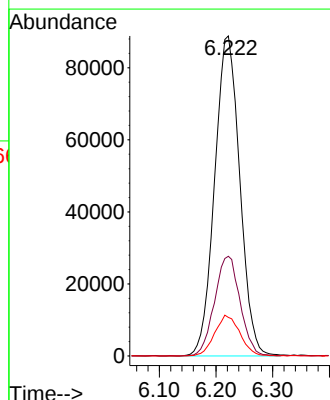
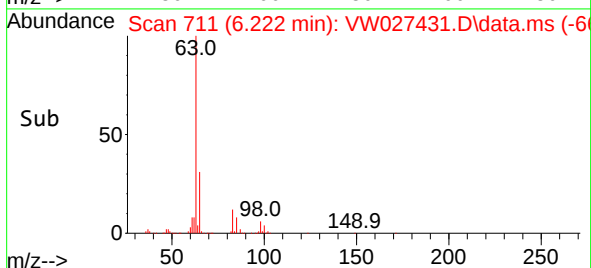
Tgt Ion: 73 Resp: 234865
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 23.9 18.5 27.7

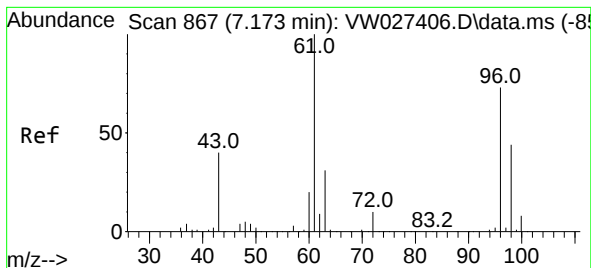


#19
1,1-Dichloroethane
Concen: 25.497 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38



Tgt Ion: 63 Resp: 273354
Ion Ratio Lower Upper
63 100
65 31.1 22.9 42.5
83 12.0 9.6 17.8





#20

cis-1,2-Dichloroethene

Concen: 24.979 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

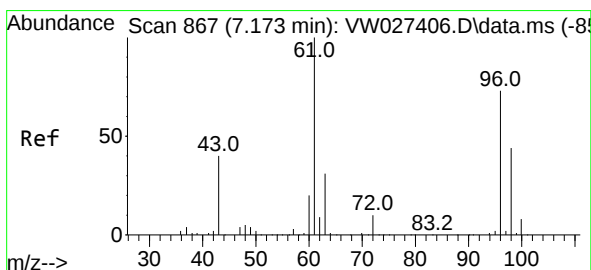
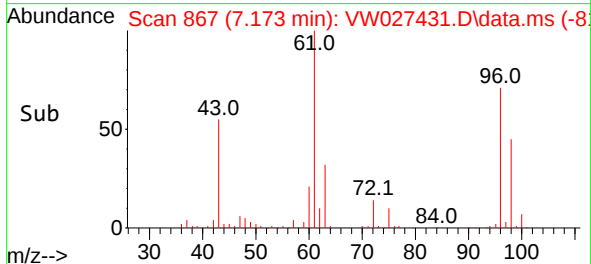
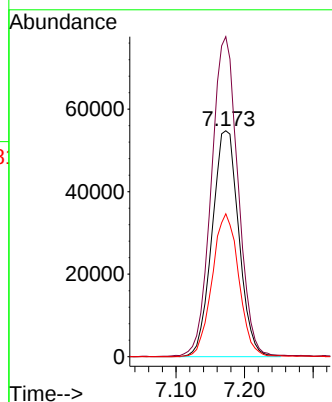
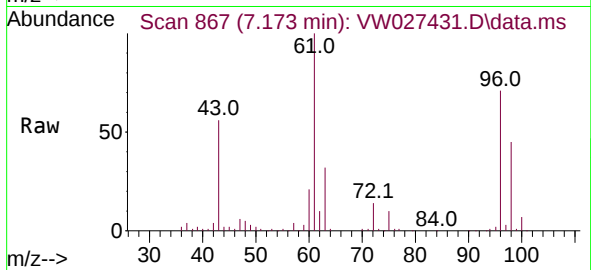
Tgt Ion: 96 Resp: 148226

Ion Ratio Lower Upper

96 100

61 141.7 96.2 178.8

98 63.3 46.0 85.4



#22

2-Butanone

Concen: 50.040 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027431.D

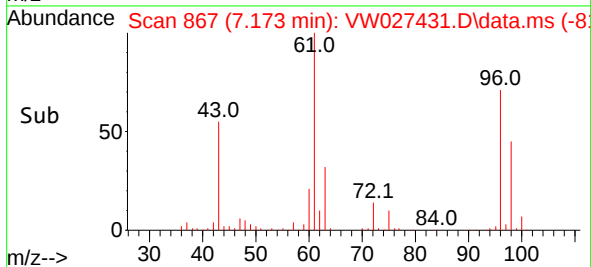
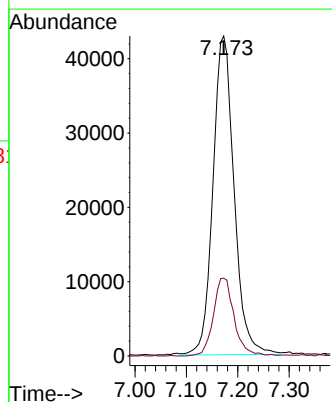
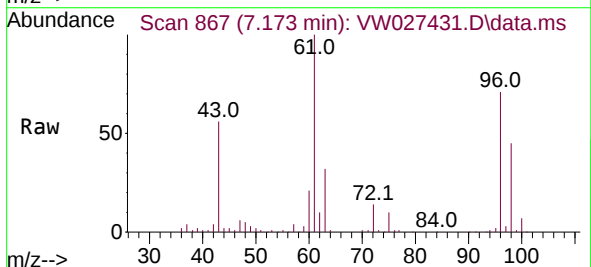
Acq: 25 Oct 2023 09:38

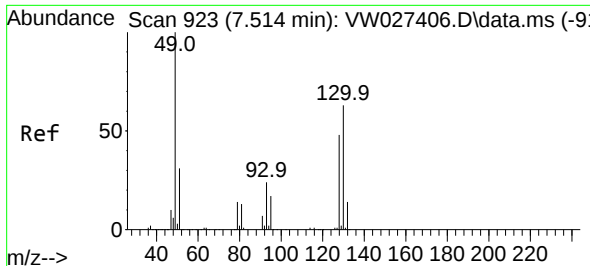
Tgt Ion: 43 Resp: 122357

Ion Ratio Lower Upper

43 100

72 23.6 12.3 36.8

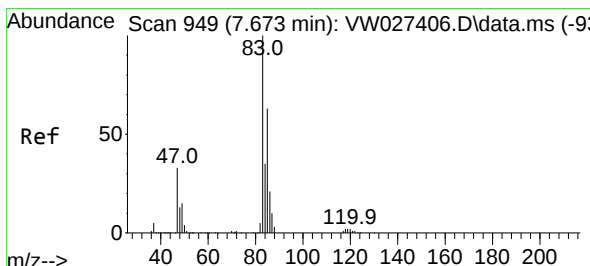
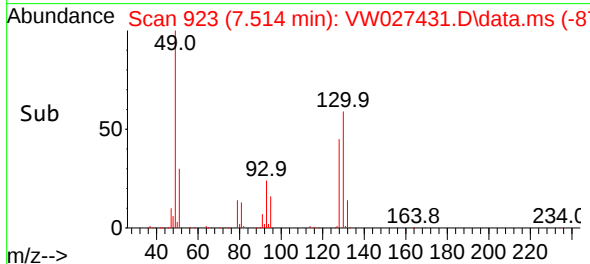
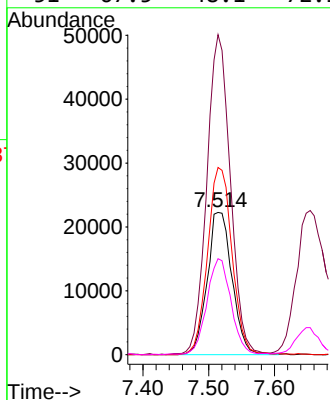
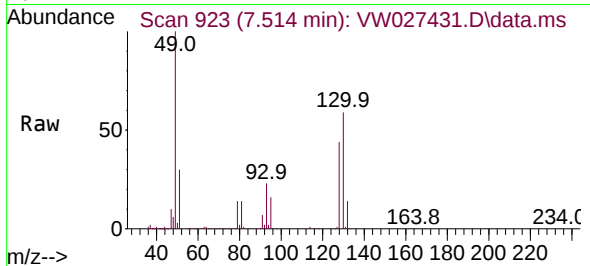




#23
Bromochloromethane
Concen: 23.858 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

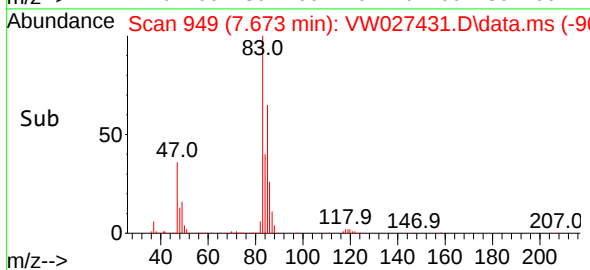
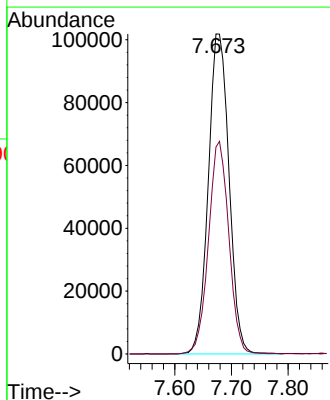
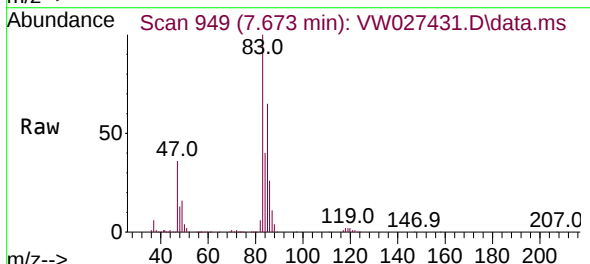
Instrument :
MSVOA_W
ClientSampleId :

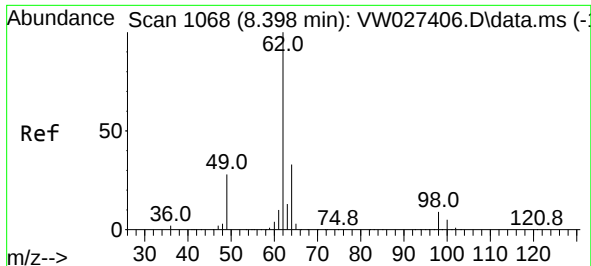
Tgt Ion:128 Resp: 58450
Ion Ratio Lower Upper
128 100
49 224.9 128.9 239.5
130 131.6 85.0 157.8
51 67.5 48.1 72.1



#25
Chloroform
Concen: 25.744 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 83 Resp: 258310
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9





#27

1,2-Dichloroethane

Concen: 26.199 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

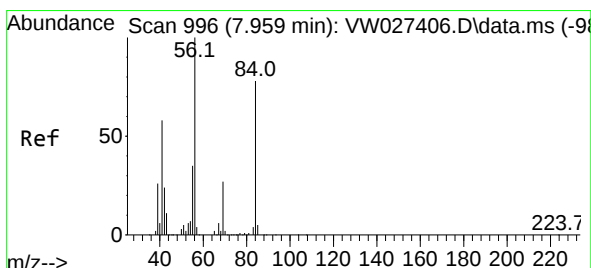
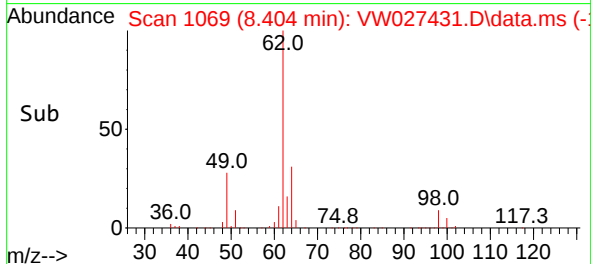
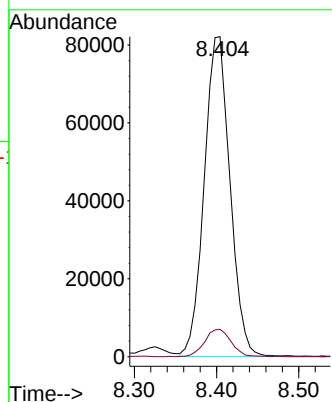
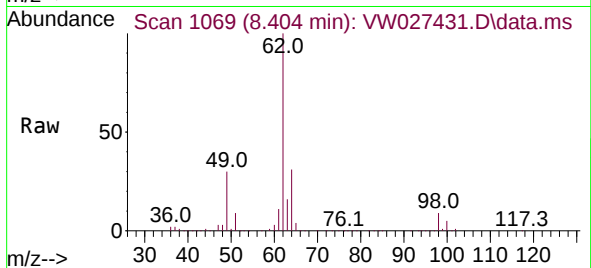
ClientSampleId :

Tgt Ion: 62 Resp: 178569

Ion Ratio Lower Upper

62 100

98 8.5 7.5 11.3



#29

Cyclohexane

Concen: 24.174 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

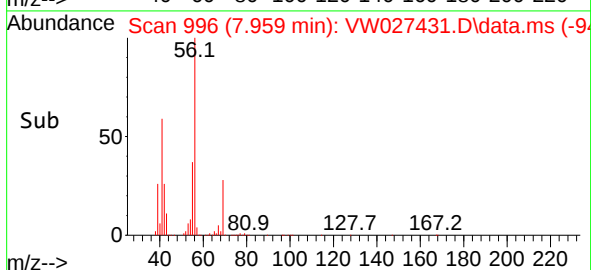
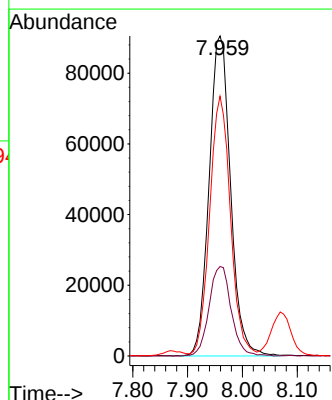
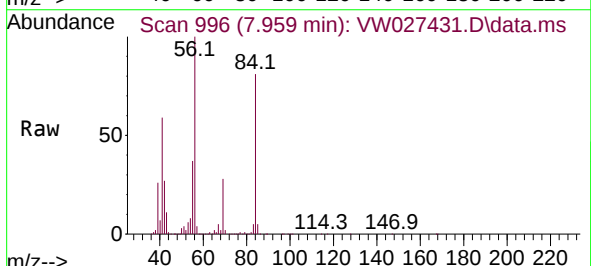
Tgt Ion: 56 Resp: 246086

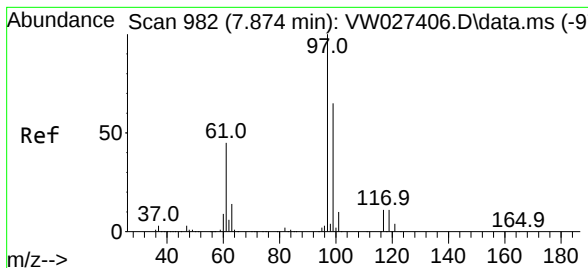
Ion Ratio Lower Upper

56 100

69 28.6 24.2 36.4

84 78.6 65.1 97.7





#30

1,1,1-Trichloroethane

Concen: 25.714 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

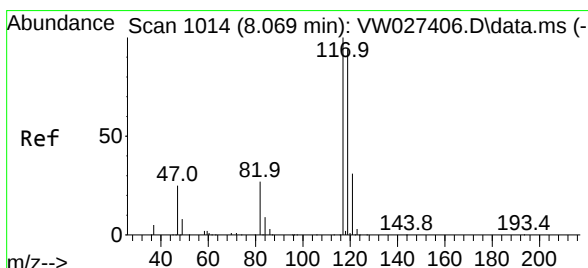
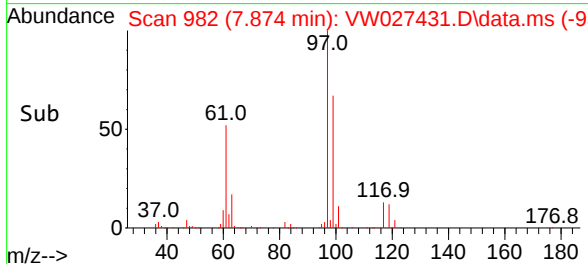
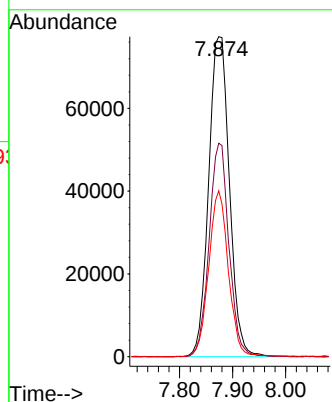
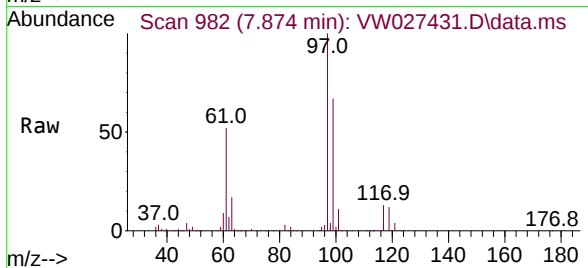
Tgt Ion: 97 Resp: 210298

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 48.7 37.4 56.0



#31

Carbon tetrachloride

Concen: 24.058 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027431.D

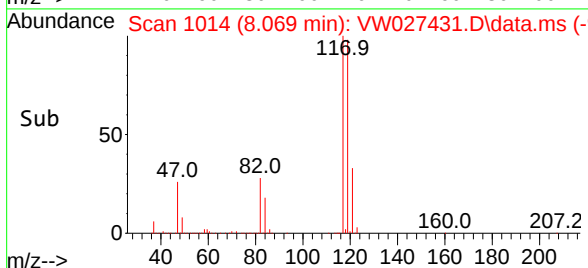
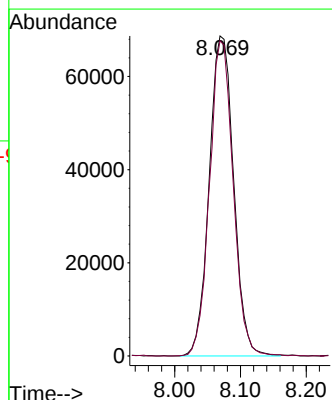
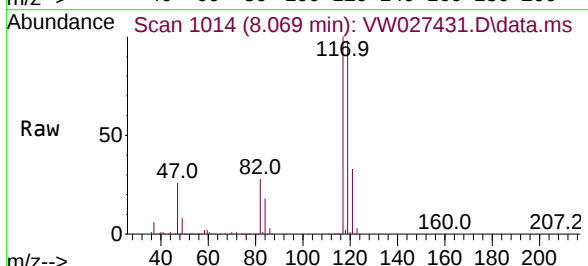
Acq: 25 Oct 2023 09:38

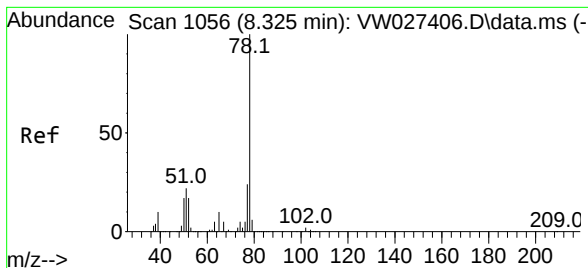
Tgt Ion: 117 Resp: 177412

Ion Ratio Lower Upper

117 100

119 95.4 77.1 115.7





#33

Benzene

Concen: 25.610 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW027431.D

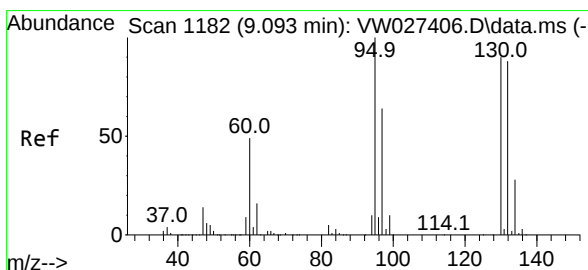
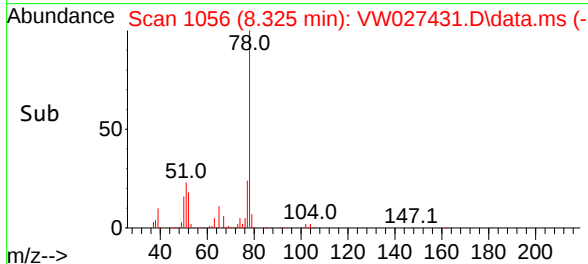
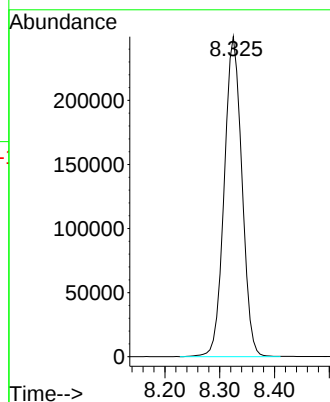
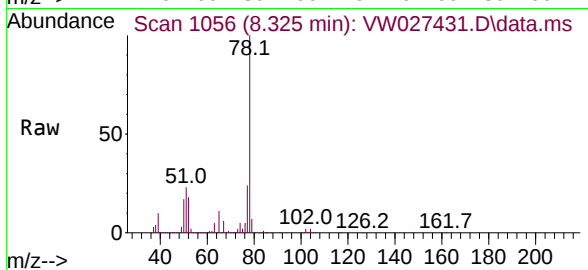
Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 561153



#34

Trichloroethene

Concen: 24.931 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Tgt Ion: 95 Resp: 144296

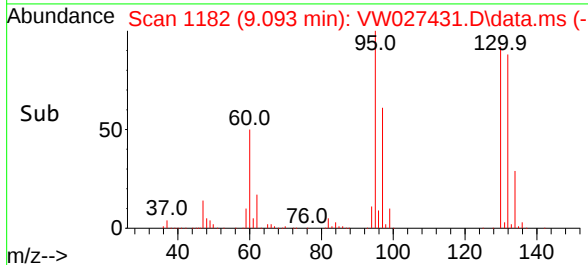
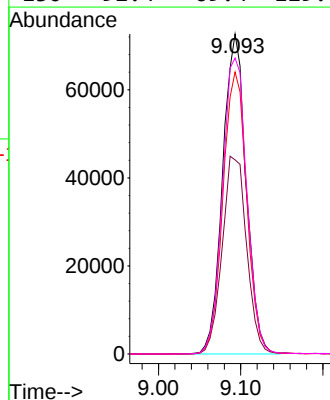
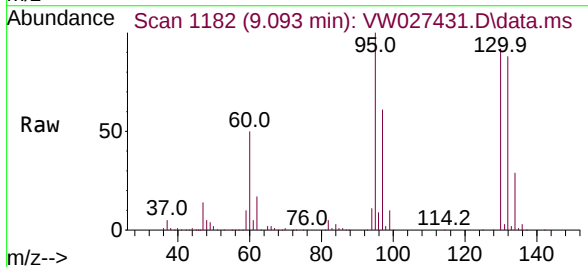
Ion Ratio Lower Upper

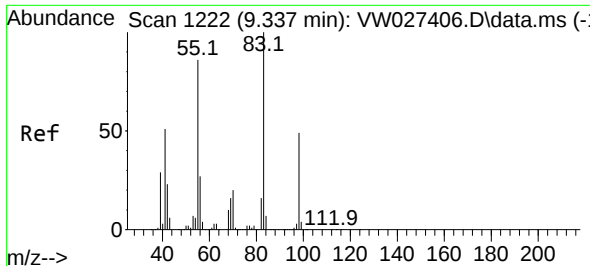
95 100

97 60.7 43.4 80.6

132 88.1 67.6 125.6

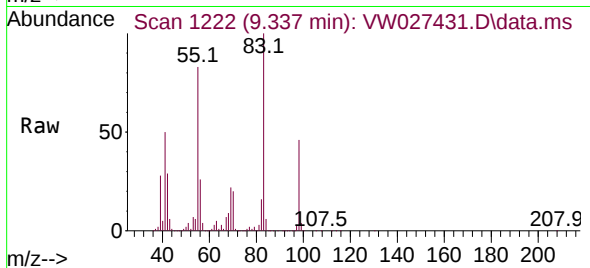
130 92.4 69.4 129.0



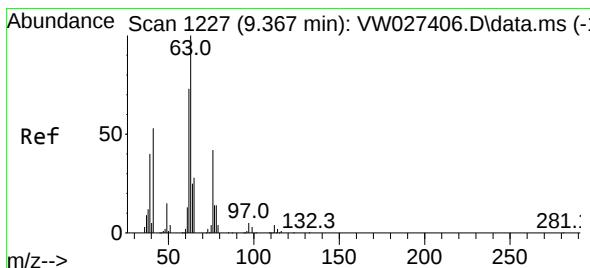
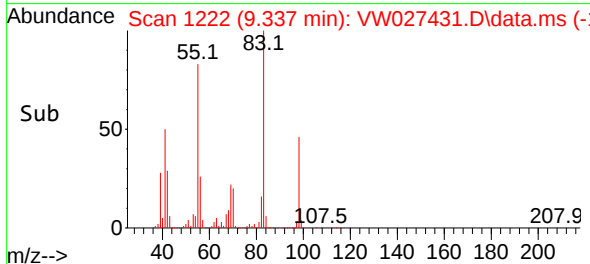
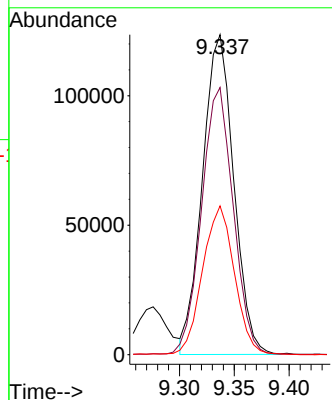


#35
Methylcyclohexane
Concen: 23.689 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Instrument :
MSVOA_W
ClientSampleId :

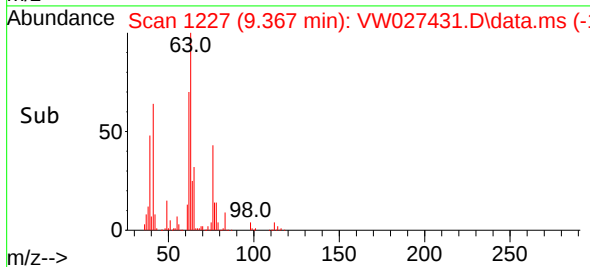
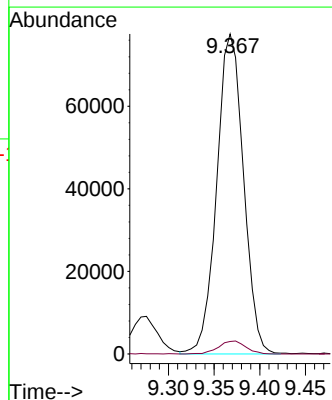
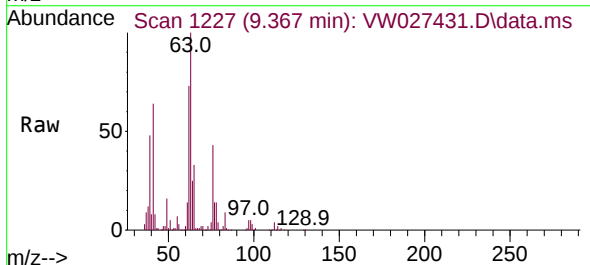


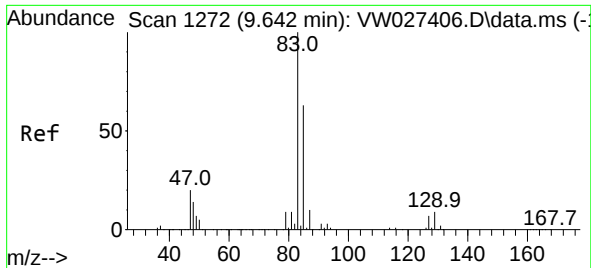
Tgt Ion: 83 Resp: 245186
Ion Ratio Lower Upper
83 100
55 84.7 65.8 98.8
98 47.5 38.1 57.1



#37
1,2-Dichloropropane
Concen: 26.686 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 63 Resp: 158102
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3

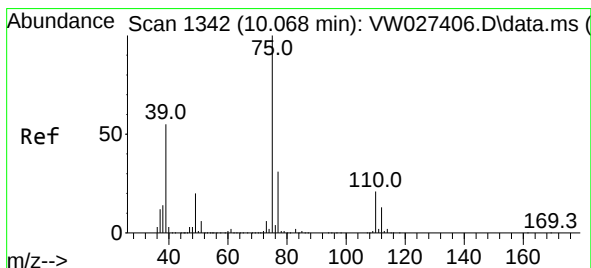
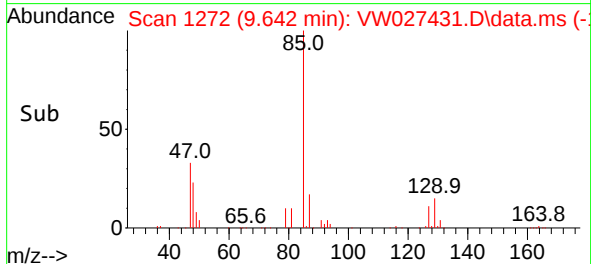
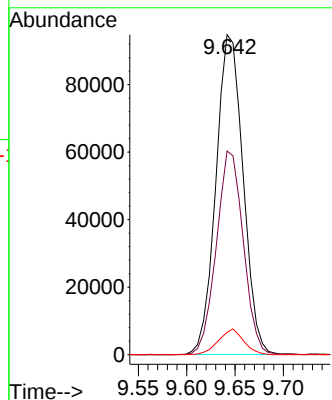
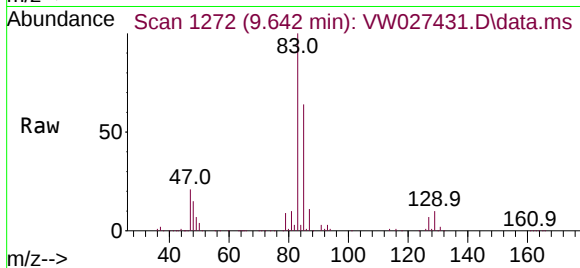




#38
Bromodichloromethane
Concen: 25.374 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

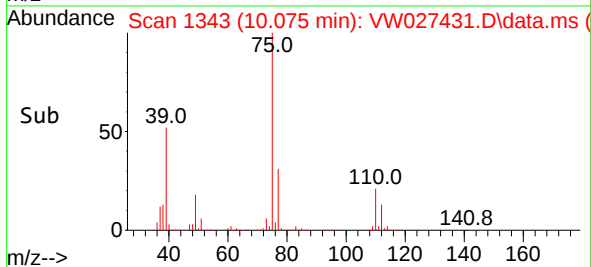
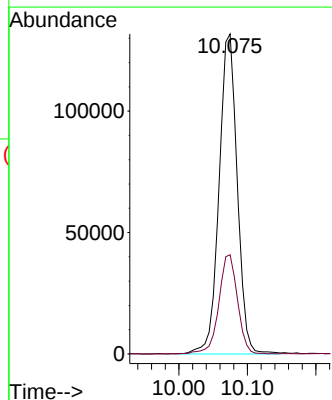
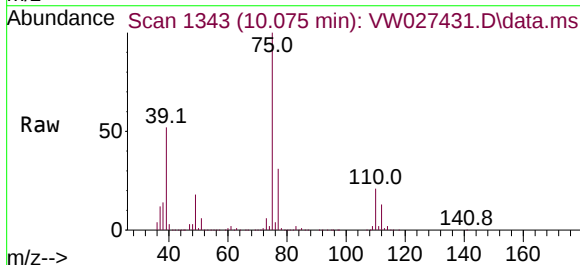
Instrument :
MSVOA_W
ClientSampleId :

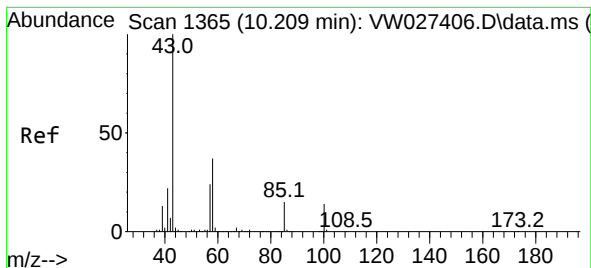
Tgt Ion: 83 Resp: 184853
Ion Ratio Lower Upper
83 100
85 63.7 43.9 81.5
127 7.0 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 24.750 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 75 Resp: 242221
Ion Ratio Lower Upper
75 100
77 31.0 21.9 40.7

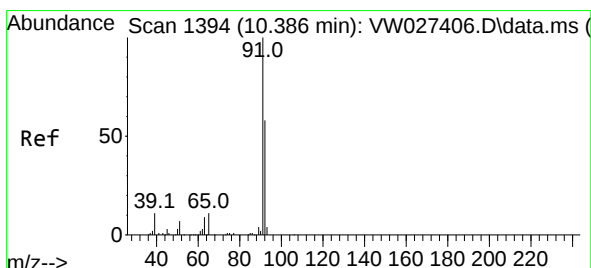
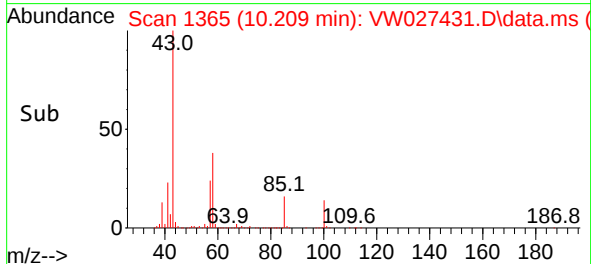
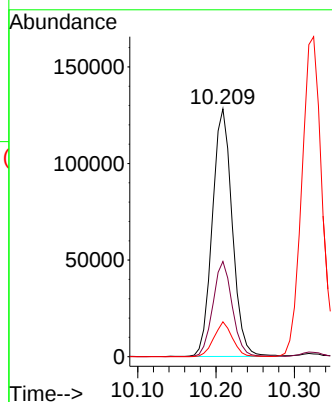
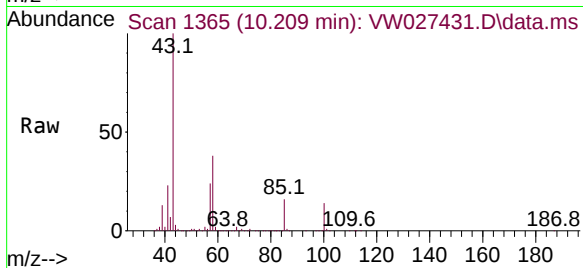




#40
4-Methyl-2-pentanone
Concen: 55.520 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

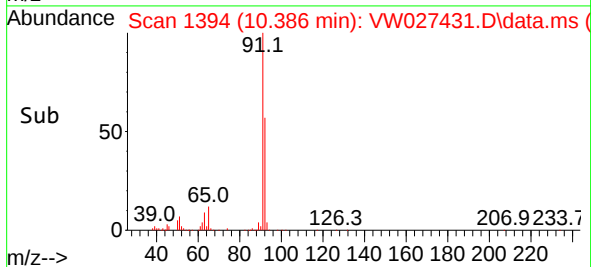
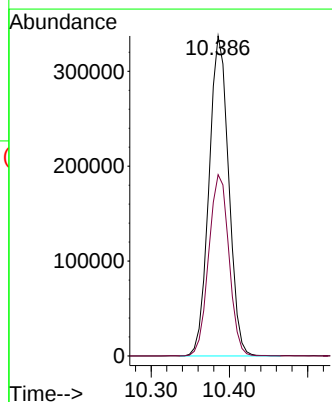
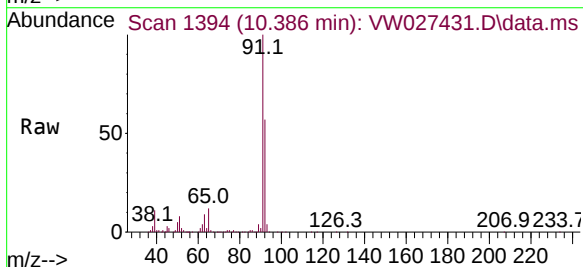
Instrument :
MSVOA_W
ClientSampleId :

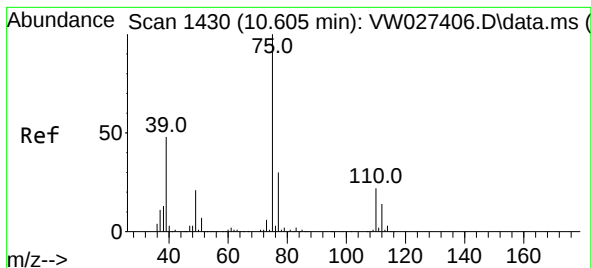
Tgt Ion: 43 Resp: 226210
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7
100 13.2 11.5 17.3



#42
Toluene
Concen: 25.609 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 91 Resp: 588637
Ion Ratio Lower Upper
91 100
92 56.6 42.1 78.1





#44

trans-1,3-Dichloropropene

Concen: 24.506 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

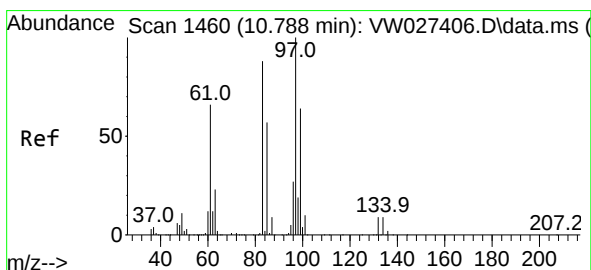
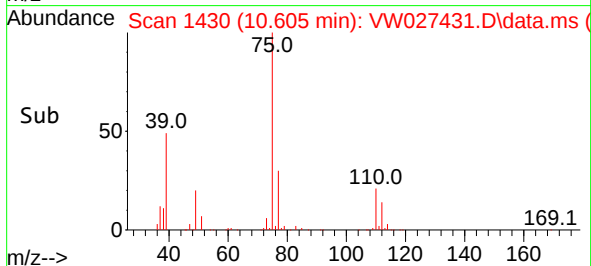
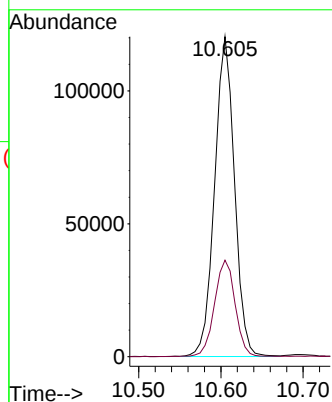
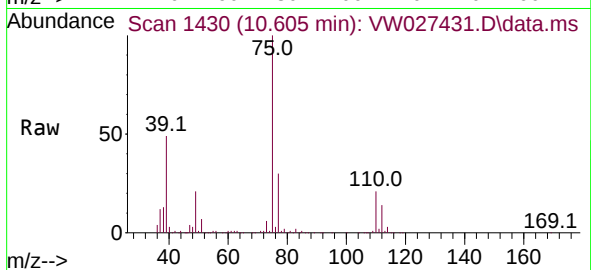
ClientSampleId :

Tgt Ion: 75 Resp: 202363

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 27.491 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Tgt Ion: 97 Resp: 112078

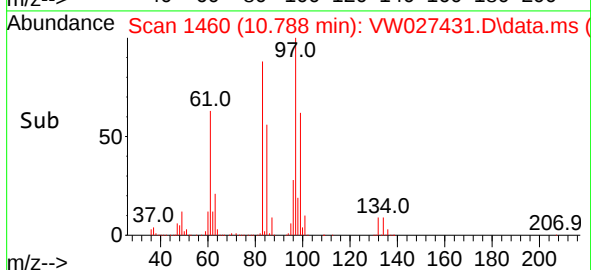
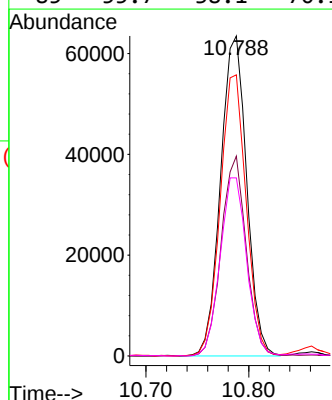
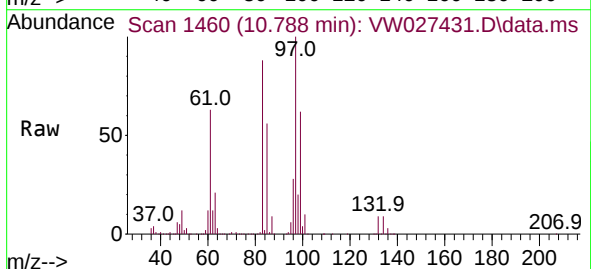
Ion Ratio Lower Upper

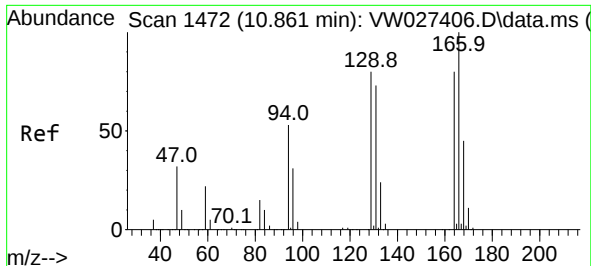
97 100

99 62.4 43.8 81.4

83 87.8 57.5 106.7

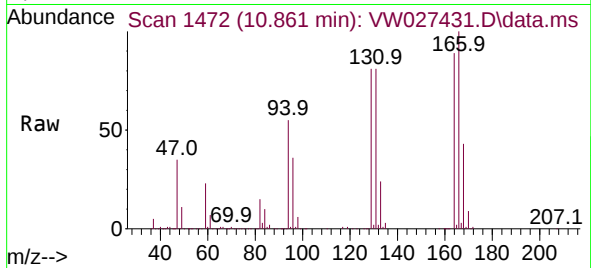
85 55.7 38.1 70.9



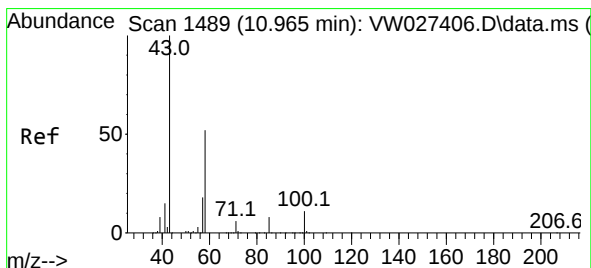
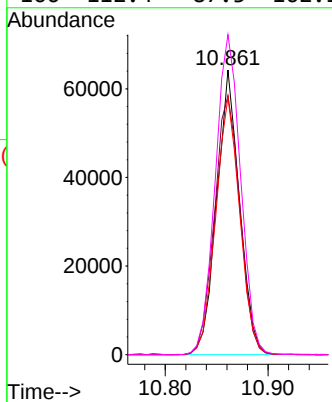
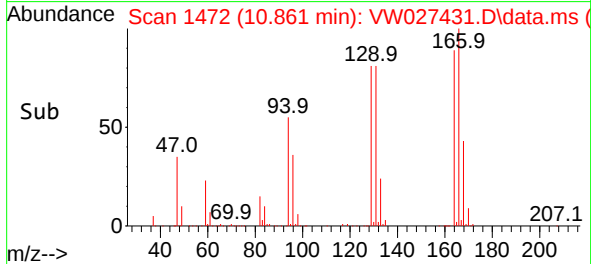


#46
Tetrachloroethene
Concen: 24.867 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

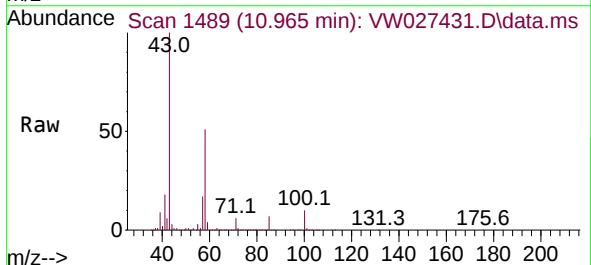
Instrument :
MSVOA_W
ClientSampleId :



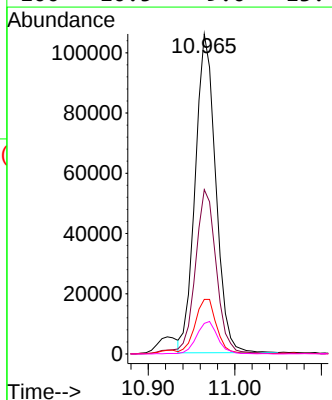
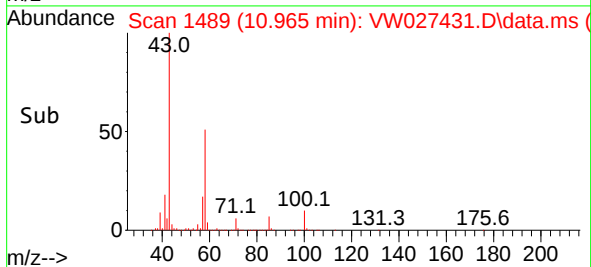
Tgt Ion:164 Resp: 99381
Ion Ratio Lower Upper
164 100
129 91.0 74.7 138.7
131 90.5 73.2 136.0
166 112.4 87.3 162.1

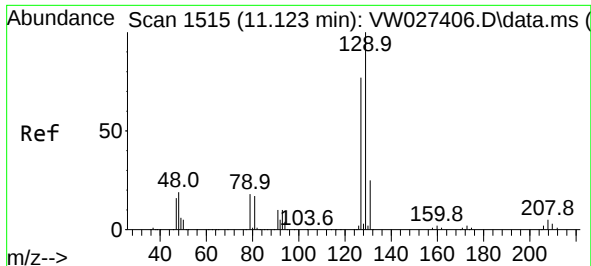


#48
2-Hexanone
Concen: 57.697 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38



Tgt Ion: 43 Resp: 173991
Ion Ratio Lower Upper
43 100
58 53.6 42.2 63.4
57 17.7 15.1 22.7
100 10.5 9.0 13.4





#49

Dibromochloromethane

Concen: 24.440 ug/L

RT: 11.129 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

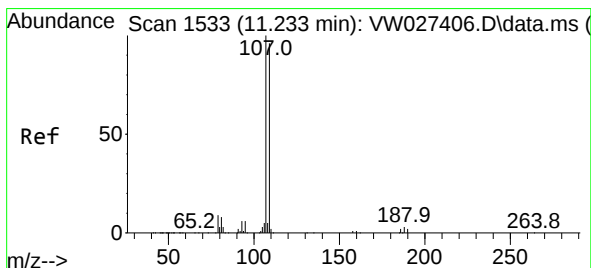
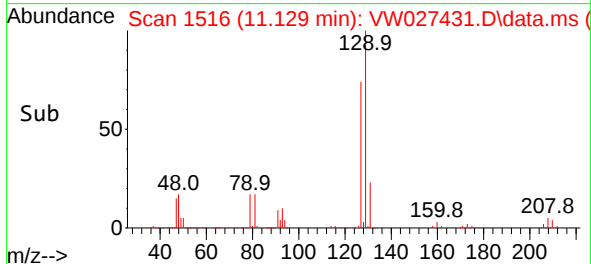
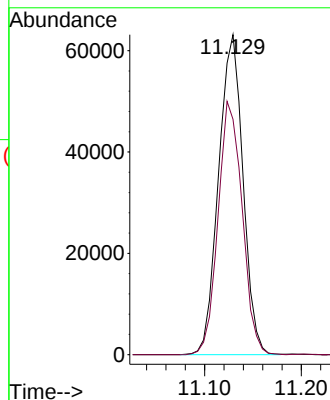
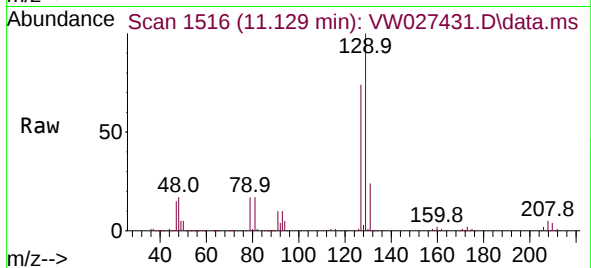
ClientSampleId :

Tgt Ion:129 Resp: 110654

Ion Ratio Lower Upper

129 100

127 73.6 51.7 95.9



#50

1,2-Dibromoethane

Concen: 25.885 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

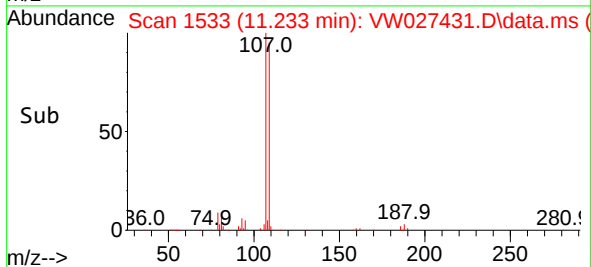
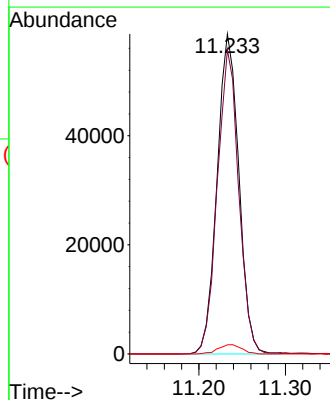
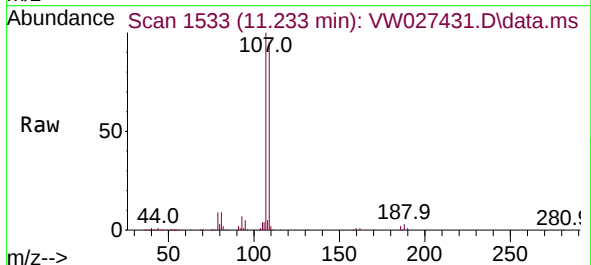
Tgt Ion:107 Resp: 102315

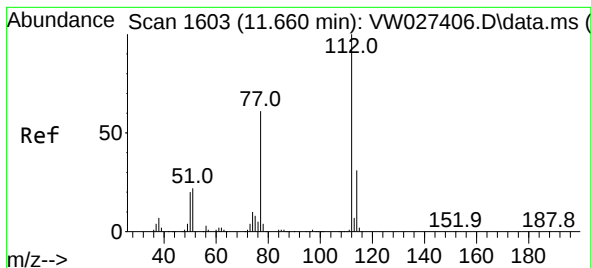
Ion Ratio Lower Upper

107 100

109 95.1 66.3 123.1

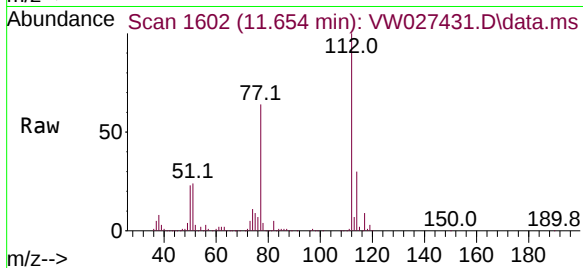
188 2.8 3.0 4.4#



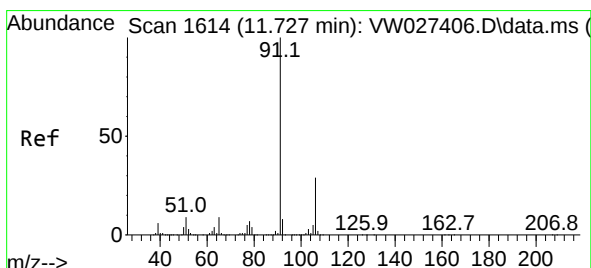
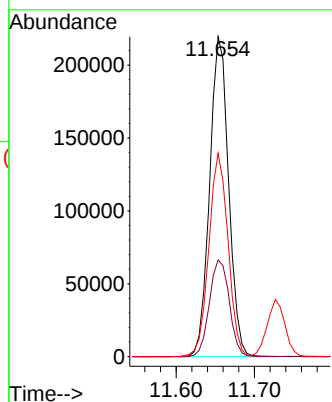
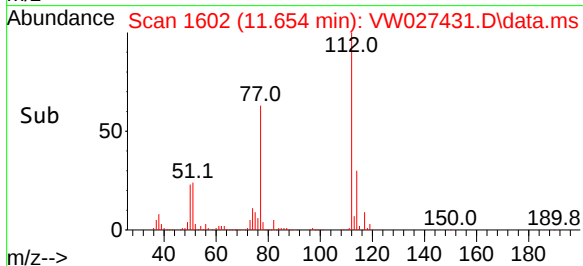


#51
Chlorobenzene
Concen: 25.606 ug/L
RT: 11.654 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Instrument :
MSVOA_W
ClientSampleId :

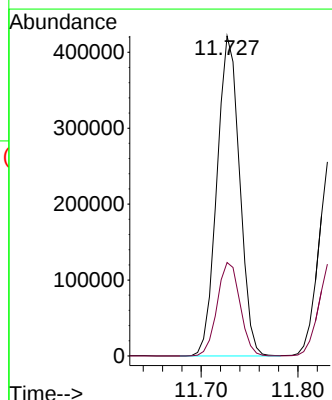
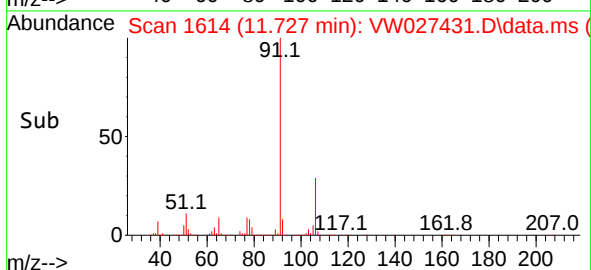
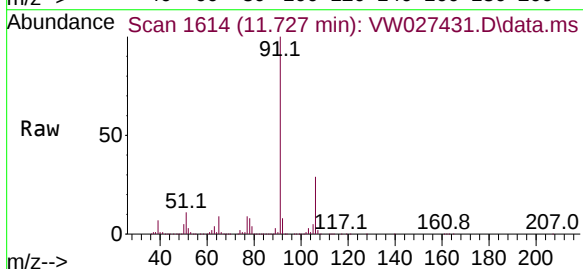


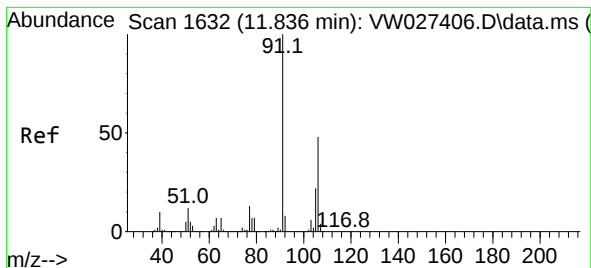
Tgt Ion:112 Resp: 368572
Ion Ratio Lower Upper
112 100
114 30.3 21.8 40.6
77 63.5 52.2 78.4



#52
Ethylbenzene
Concen: 25.664 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion: 91 Resp: 685498
Ion Ratio Lower Upper
91 100
106 29.2 19.8 36.8





#53

m,p-Xylene

Concen: 25.079 ug/L

RT: 11.836 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

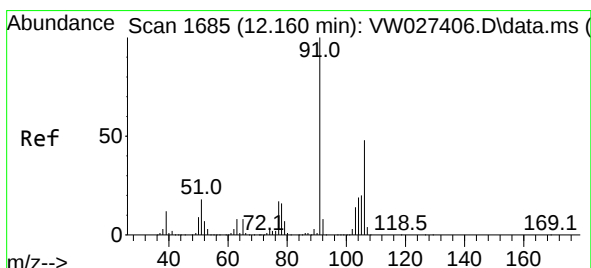
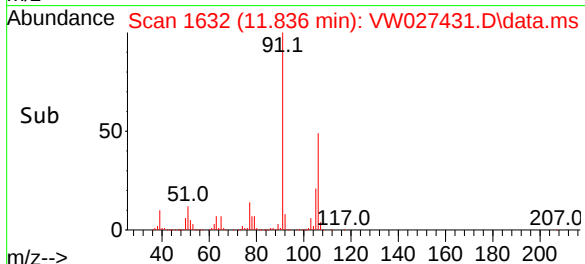
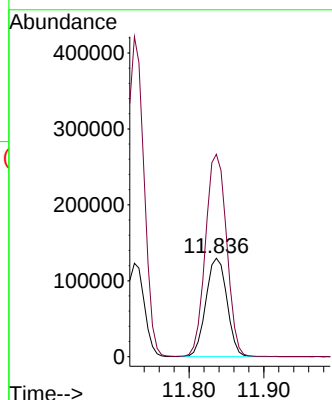
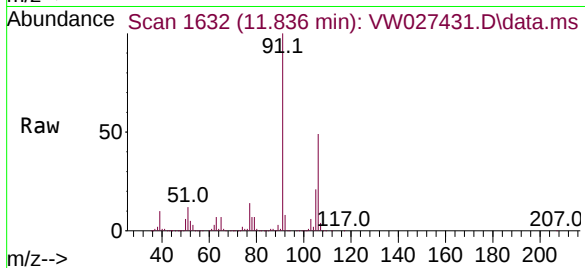
ClientSampleId :

Tgt Ion:106 Resp: 254077

Ion Ratio Lower Upper

106 100

91 205.6 144.5 268.4



#54

o-Xylene

Concen: 24.823 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW027431.D

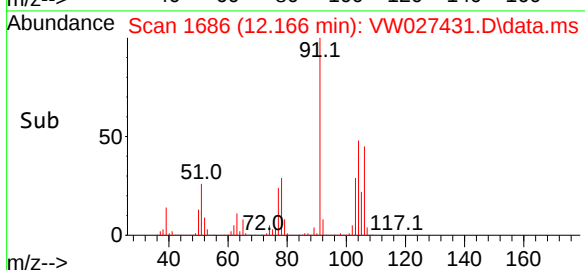
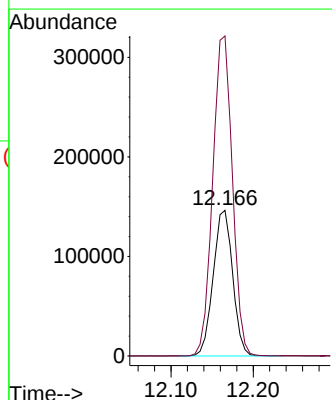
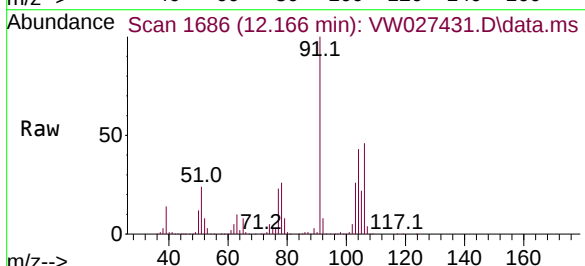
Acq: 25 Oct 2023 09:38

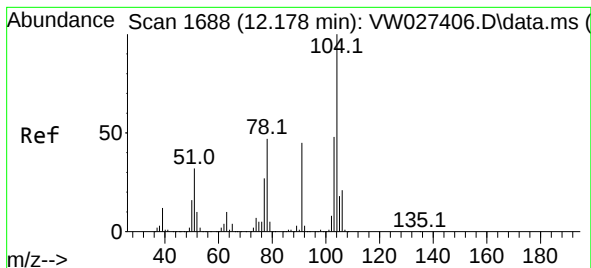
Tgt Ion:106 Resp: 240818

Ion Ratio Lower Upper

106 100

91 219.7 152.0 282.2





#55

Styrene

Concen: 25.891 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

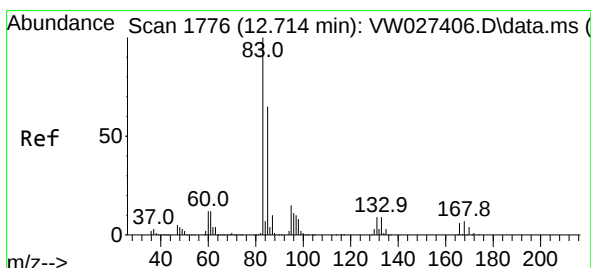
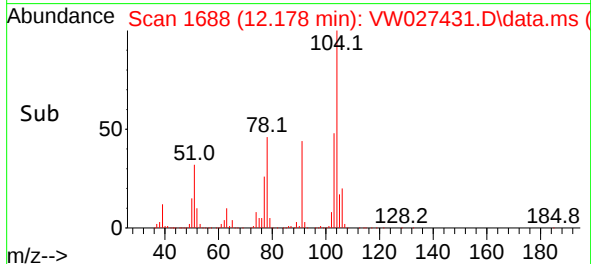
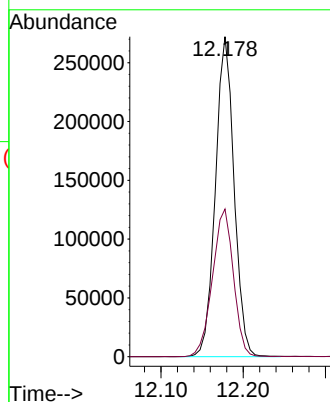
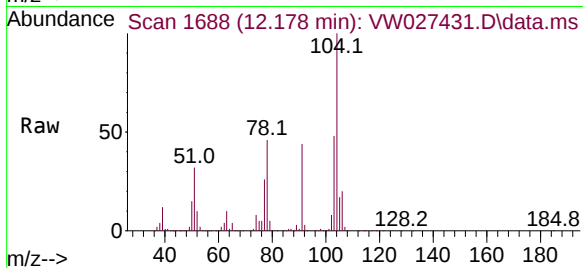
ClientSampleId :

Tgt Ion:104 Resp: 428987

Ion Ratio Lower Upper

104 100

78 46.2 33.2 61.6



#57

1,1,2,2-Tetrachloroethane

Concen: 28.327 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

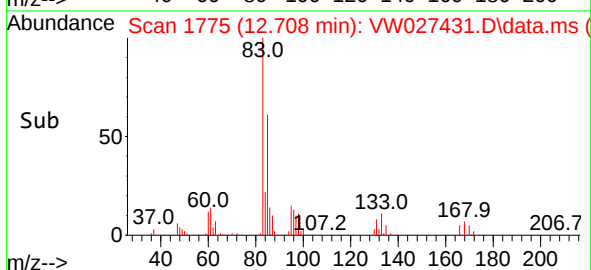
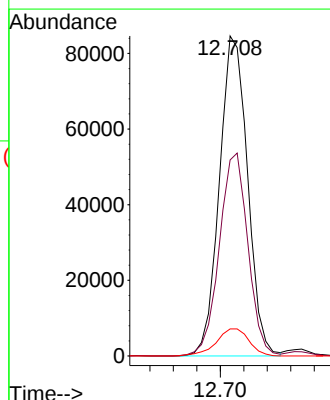
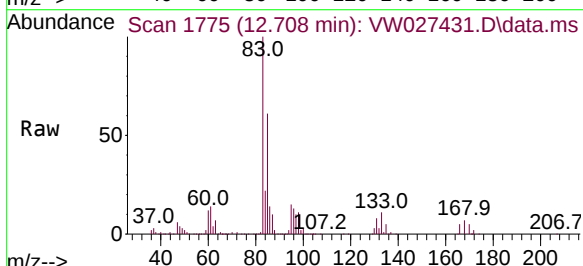
Tgt Ion: 83 Resp: 140978

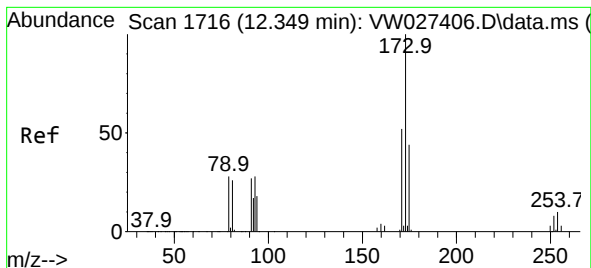
Ion Ratio Lower Upper

83 100

85 61.2 43.2 80.2

131 8.5 7.2 10.8





#59

Bromoform

Concen: 23.459 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

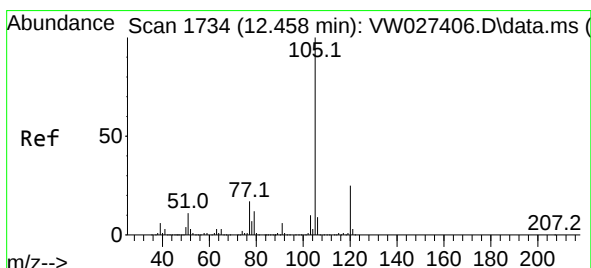
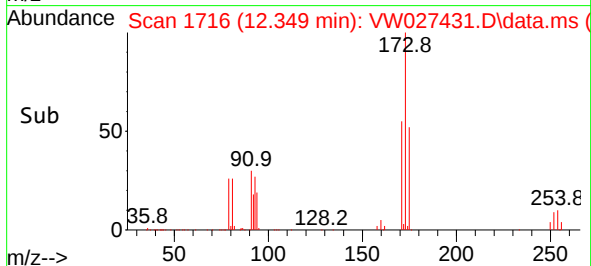
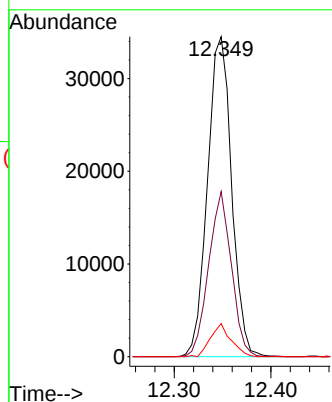
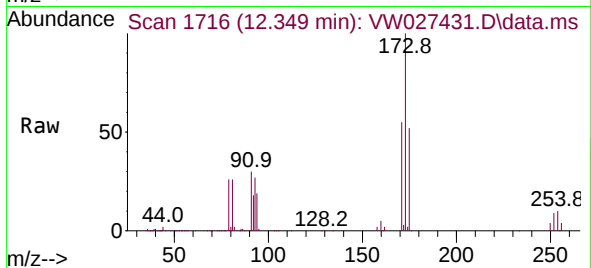
Tgt Ion:173 Resp: 59876

Ion Ratio Lower Upper

173 100

175 48.7 39.6 59.4

254 8.7 6.6 10.0



#60

Isopropylbenzene

Concen: 26.208 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

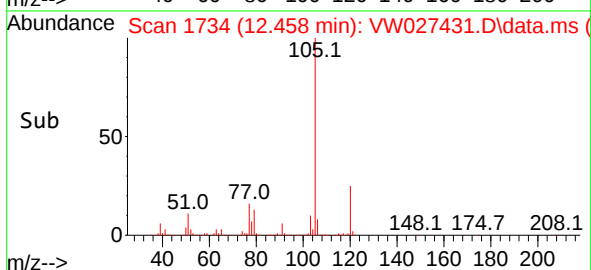
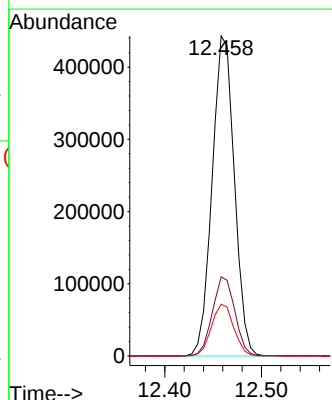
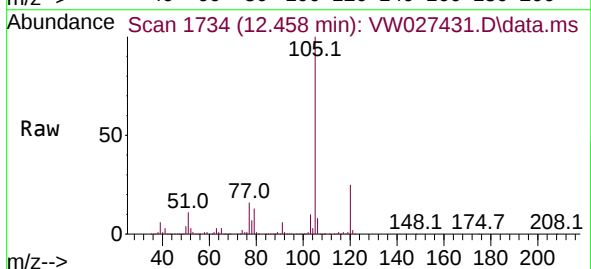
Tgt Ion:105 Resp: 706216

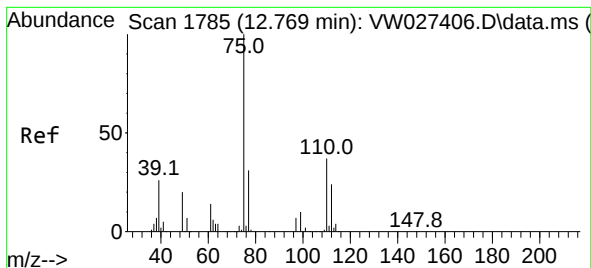
Ion Ratio Lower Upper

105 100

120 24.9 20.1 30.1

77 16.3 12.9 19.3





#61

1,2,3-Trichloropropane

Concen: 27.553 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

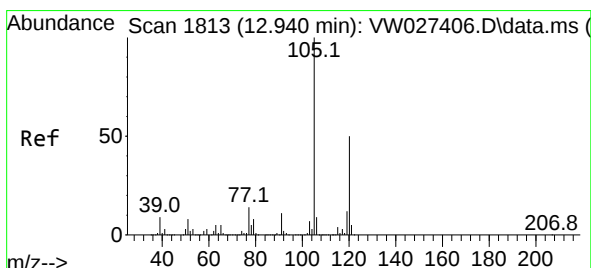
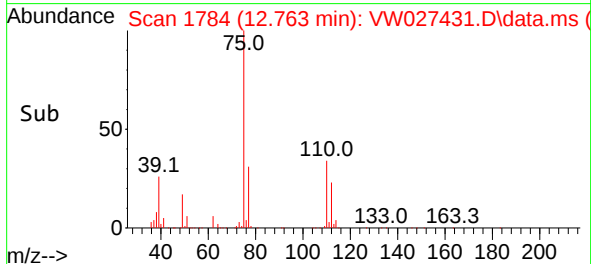
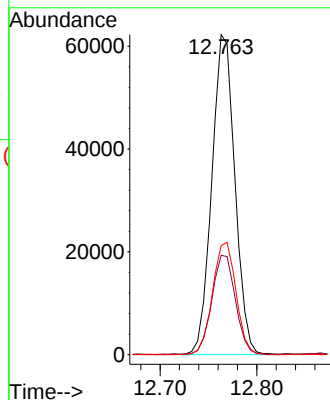
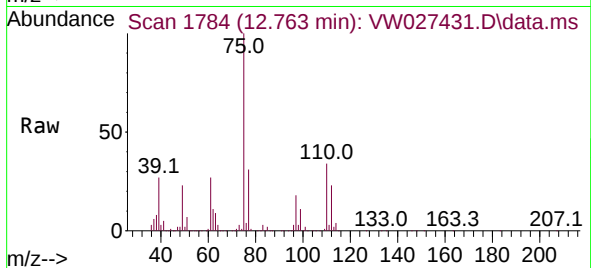
Tgt Ion: 75 Resp: 103197

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

110 35.8 29.7 44.5



#62

1,3,5-Trimethylbenzene

Concen: 25.018 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027431.D

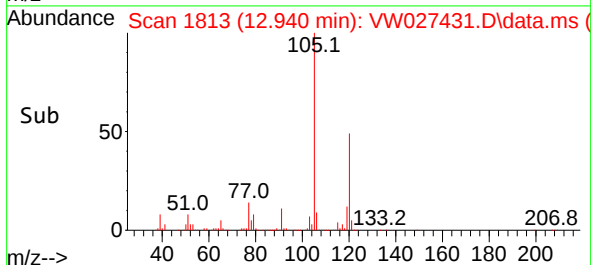
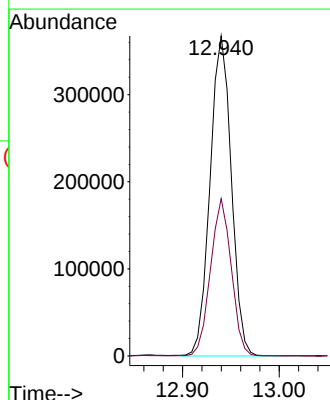
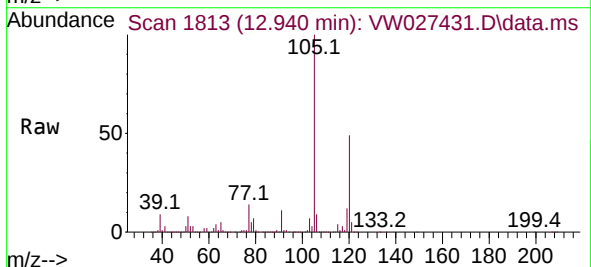
Acq: 25 Oct 2023 09:38

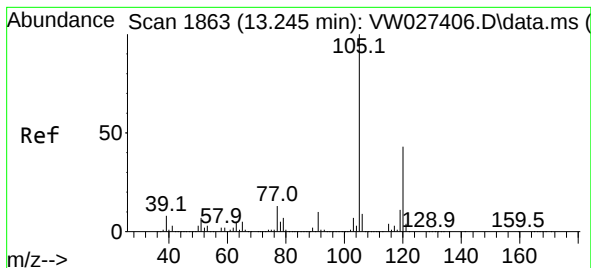
Tgt Ion:105 Resp: 562326

Ion Ratio Lower Upper

105 100

120 48.0 38.8 58.2





#63

1,2,4-Trimethylbenzene

Concen: 25.081 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

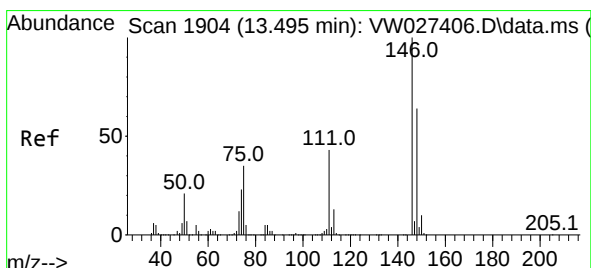
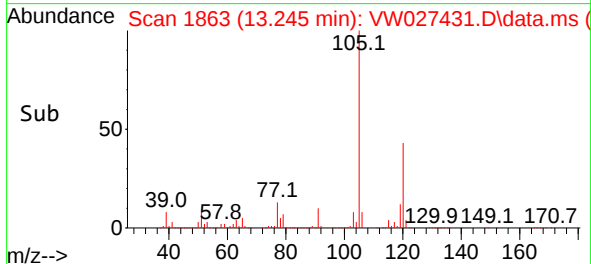
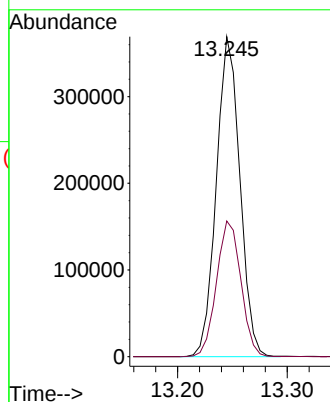
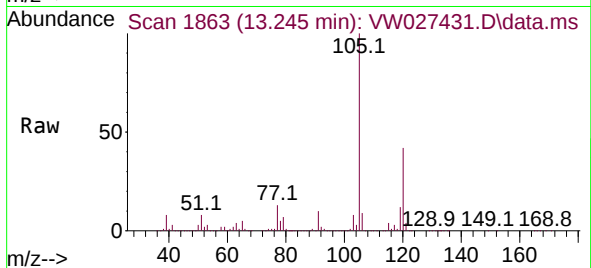
ClientSampleId :

Tgt Ion:105 Resp: 551591

Ion Ratio Lower Upper

105 100

120 43.8 35.4 53.2



#64

1,3-Dichlorobenzene

Concen: 24.723 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

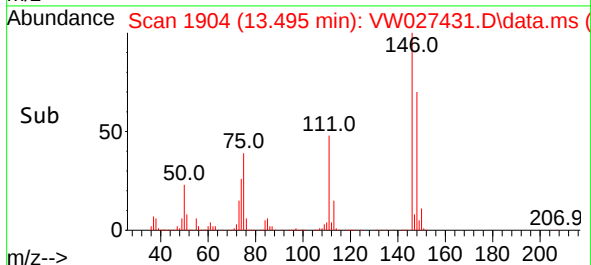
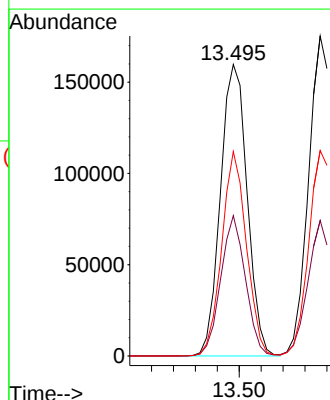
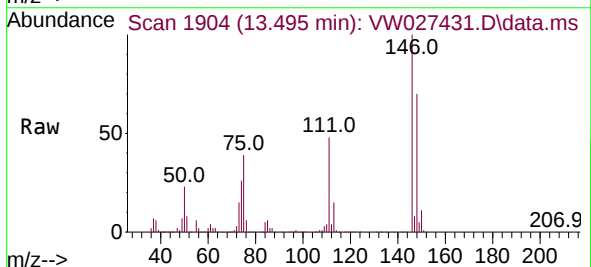
Tgt Ion:146 Resp: 270152

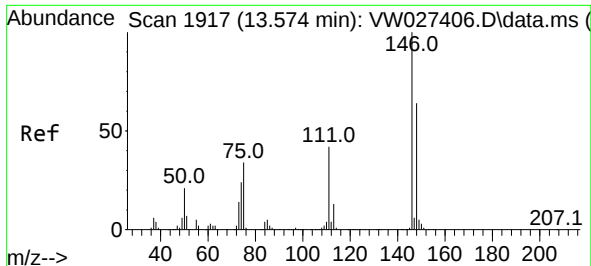
Ion Ratio Lower Upper

146 100

111 48.2 30.8 57.2

148 70.2 46.3 85.9

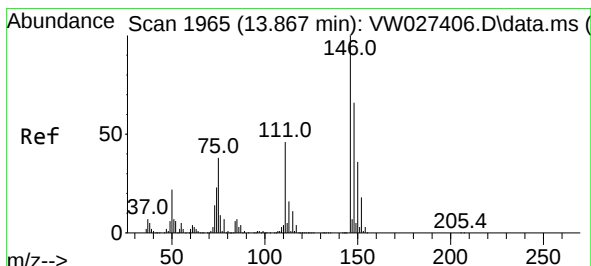
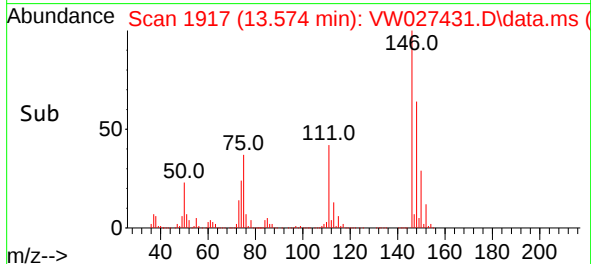
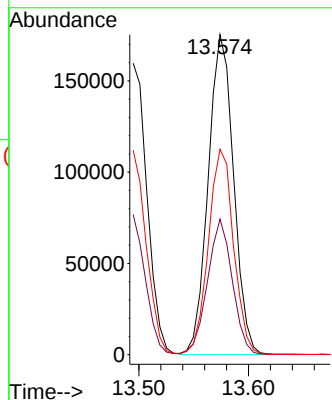
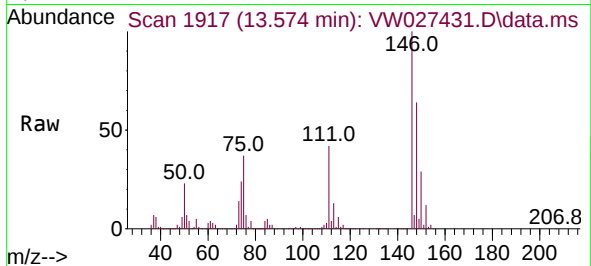




#65
1,4-Dichlorobenzene
Concen: 25.865 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

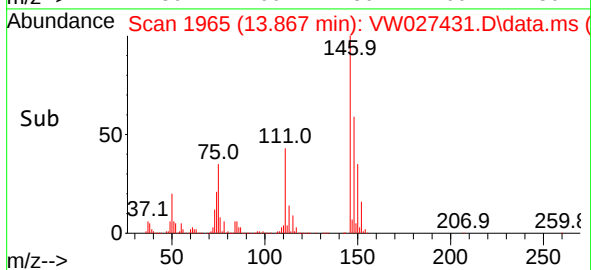
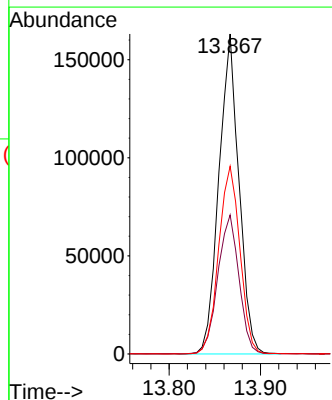
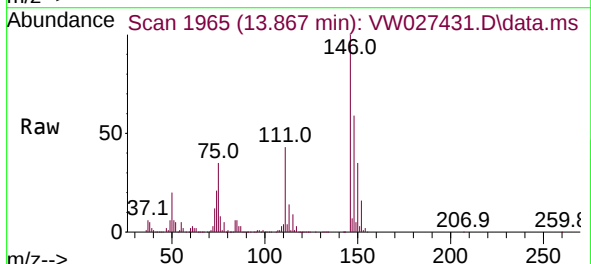
Instrument :
MSVOA_W
ClientSampleId :

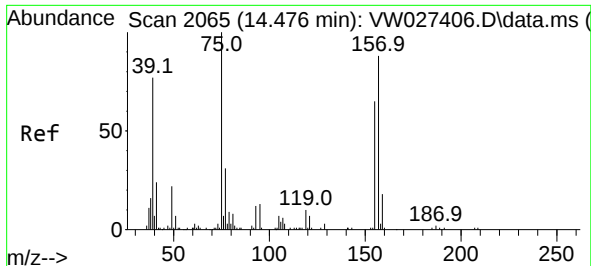
Tgt Ion:146 Resp: 282260
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 64.2 43.0 79.8



#67
1,2-Dichlorobenzene
Concen: 25.639 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027431.D
Acq: 25 Oct 2023 09:38

Tgt Ion:146 Resp: 248606
Ion Ratio Lower Upper
146 100
111 43.4 36.8 55.2
148 58.7 52.3 78.5





#68

1,2-Dibromo-3-chloropropane

Concen: 23.577 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027431.D

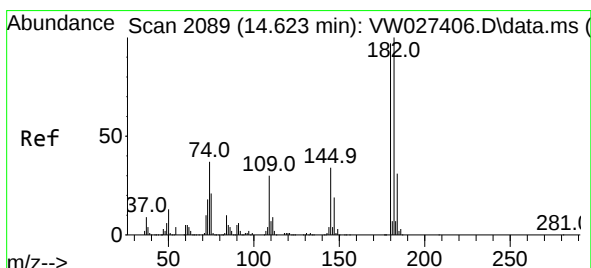
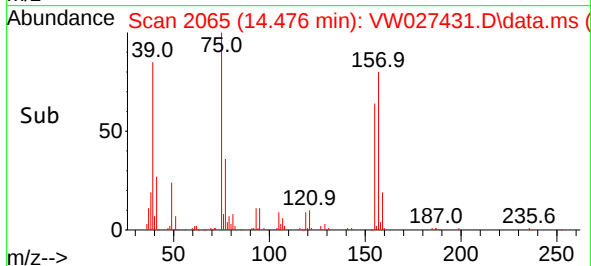
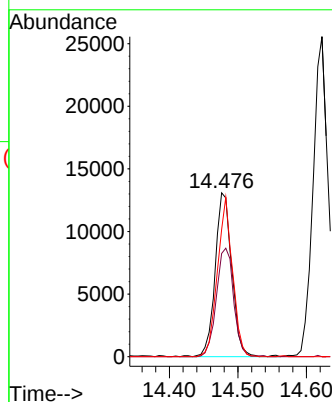
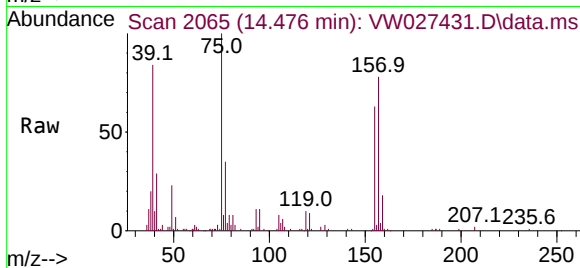
Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	22070
Ion	Ratio	Lower	Upper
75	100		
155	62.9	54.9	82.3
157	77.6	64.7	97.1



#69

1,3,5-Trichlorobenzene

Concen: 25.000 ug/L

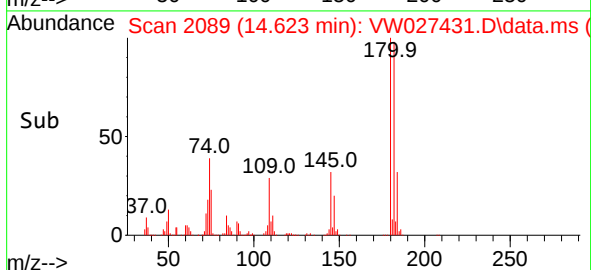
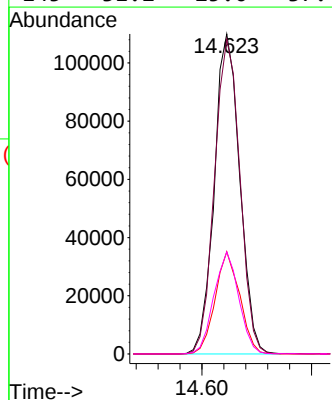
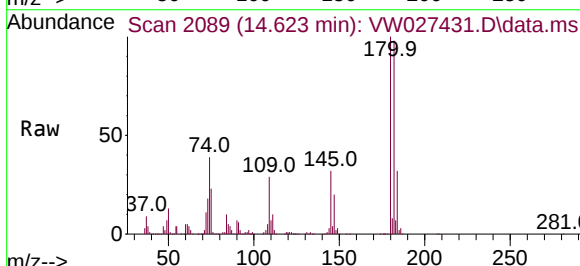
RT: 14.623 min Scan# 2089

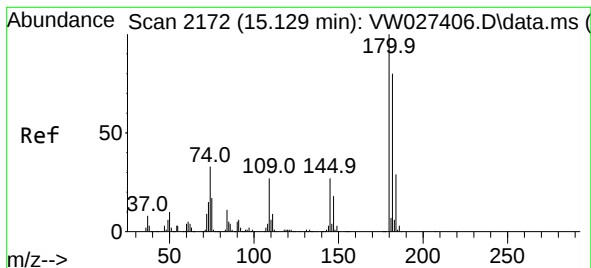
Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Tgt Ion:	180	Resp:	177342
Ion	Ratio	Lower	Upper
180	100		
182	98.0	73.4	110.0
184	30.8	23.3	34.9
145	31.2	25.0	37.4





#70

1,2,4-trichlorobenzene

Concen: 24.837 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

Instrument :

MSVOA_W

ClientSampleId :

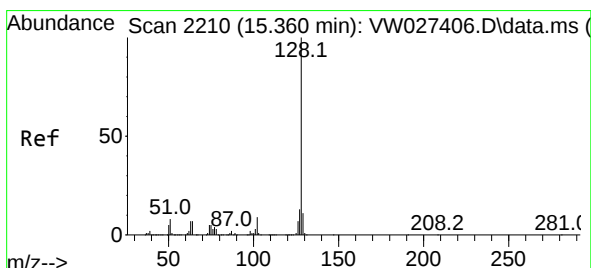
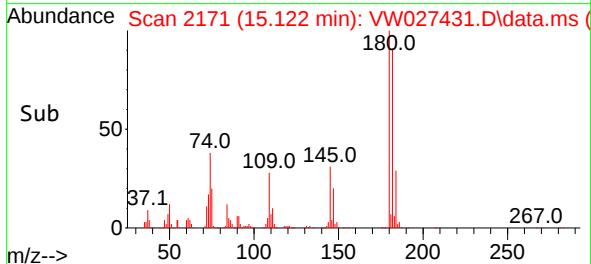
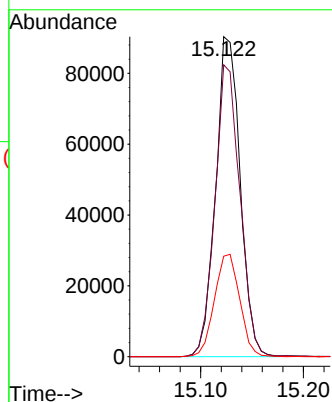
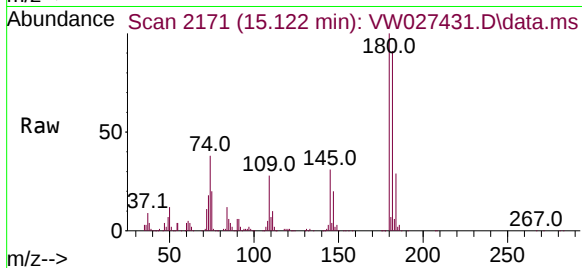
Tgt Ion:180 Resp: 149958

Ion Ratio Lower Upper

180 100

182 92.7 75.5 113.3

145 32.9 26.4 39.6



#71

Naphthalene

Concen: 24.759 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027431.D

Acq: 25 Oct 2023 09:38

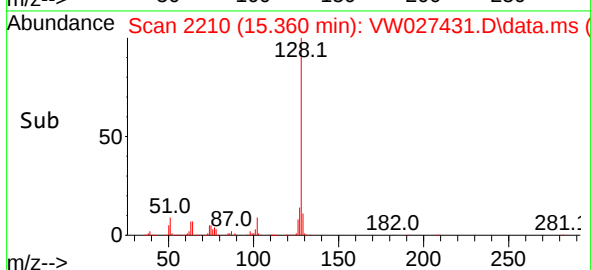
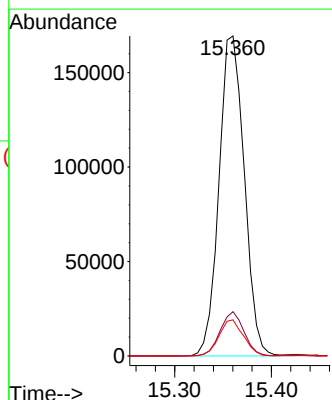
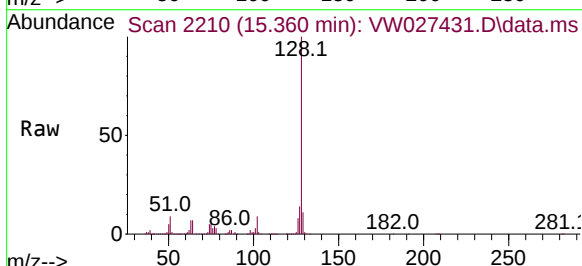
Tgt Ion:128 Resp: 307414

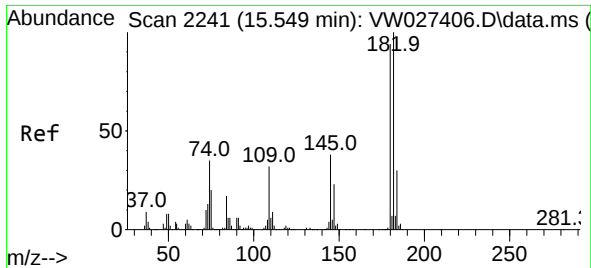
Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

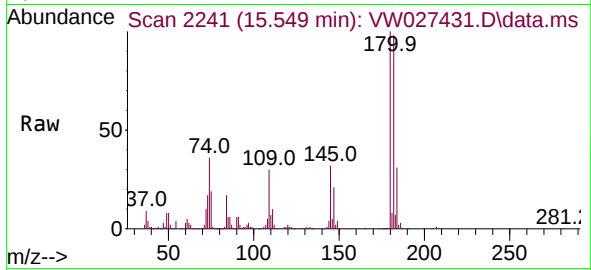
129 11.0 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 24.633 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027431.D
 Acq: 25 Oct 2023 09:38

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	81.1	121.7
145	35.2	30.6	45.8

