

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101223\
 Data File : VW027298.D
 Acq On : 12 Oct 2023 16:05
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 21:59:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 21:57:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	494934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	454551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	182666	24.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.720%
7) Chloroethane-d5	2.899	69	141902	26.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.640%
11) 1,1-Dichloroethene-d2	4.027	65	88026	23.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.040%
21) 2-Butanone-d5	7.075	46	113814	45.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.660%
24) Chloroform-d	7.648	84	375525	25.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.840%
26) 1,2-Dichloroethane-d4	8.307	65	200100	25.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	8.276	84	775815	25.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.276	67	239905	25.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.325	98	685612	24.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.320%
43) trans-1,3-Dichloroprop...	10.575	79	101924	23.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.200%
47) 2-Hexanone-d5	10.922	63	92025	47.352	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172841	24.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.640%
66) 1,2-Dichlorobenzene-d4	13.855	152	215985	25.991	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	135351	22.984	ug/L	94
3) Chloromethane	2.229	50	163266	24.125	ug/L	98
5) Vinyl chloride	2.381	62	176966	23.410	ug/L	99
6) Bromomethane	2.790	94	103704	24.085	ug/L	93
8) Chloroethane	2.936	64	108802	25.004	ug/L	96
9) Trichlorofluoromethane	3.265	101	120798	22.650	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	153006	22.911	ug/L	97
12) 1,1-Dichloroethene	4.051	96	151030	23.271	ug/L	95
13) Acetone	4.125	43	88193	40.672	ug/L	98
14) Carbon disulfide	4.393	76	447100	22.222	ug/L	99
15) Methyl Acetate	4.673	43	85624	23.119	ug/L	100
16) Methylene chloride	4.923	84	180951	19.973	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	167801	24.058	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	294130	24.442	ug/L	100
19) 1,1-Dichloroethane	6.222	63	349689	24.573	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	194009	24.630	ug/L	100
22) 2-Butanone	7.173	43	126731	39.046	ug/L	99
23) Bromochloromethane	7.514	128	78839	24.243	ug/L	92
25) Chloroform	7.679	83	335974	25.225	ug/L	99

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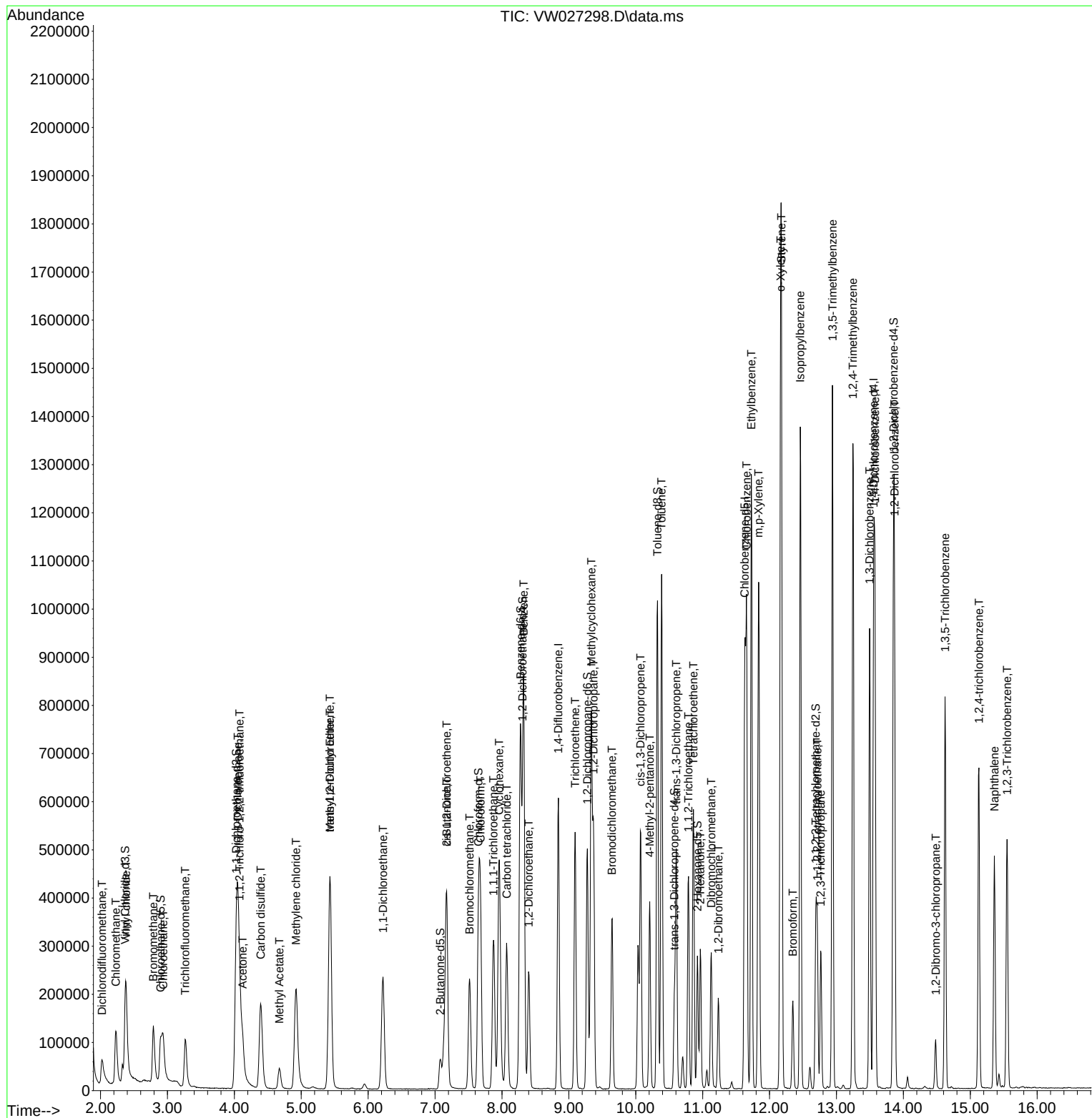
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	227969	25.197	ug/L	99
29) Cyclohexane	7.959	56	308202	22.331	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	268860	24.248	ug/L	100
31) Carbon tetrachloride	8.069	117	233624	23.367	ug/L	99
33) Benzene	8.325	78	730654	24.596	ug/L	100
34) Trichloroethene	9.093	95	191575	24.414	ug/L	97
35) Methylcyclohexane	9.337	83	311733	22.215	ug/L	98
37) 1,2-Dichloropropane	9.368	63	199259	24.807	ug/L	100
38) Bromodichloromethane	9.642	83	244380	24.743	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	319887	24.109	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	261736	47.382	ug/L	100
42) Toluene	10.386	91	765320	24.558	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	267387	23.883	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	137812	24.933	ug/L	97
46) Tetrachloroethene	10.861	164	125581	23.177	ug/L	95
48) 2-Hexanone	10.965	43	188550	46.117	ug/L	99
49) Dibromochloromethane	11.129	129	145753	23.744	ug/L	93
50) 1,2-Dibromoethane	11.233	107	129164	24.102	ug/L	98
51) Chlorobenzene	11.654	112	479093	24.551	ug/L	99
52) Ethylbenzene	11.727	91	890936	24.602	ug/L	97
53) m,p-Xylene	11.837	106	330231	24.042	ug/L	93
54) o-Xylene	12.166	106	324638	24.682	ug/L	99
55) Styrene	12.178	104	560755	24.963	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	163743	24.267	ug/L	95
59) Bromoform	12.349	173	82858	24.282	ug/L	96
60) Isopropylbenzene	12.459	105	877806	24.367	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122143	24.394	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	758882	25.255	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	740956	25.202	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	356576	24.409	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	355239	24.350	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	321739	24.820	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	28094	22.450	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	235218	24.803	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	198978	24.652	ug/L	98
71) Naphthalene	15.360	128	391659	23.596	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	163833	24.684	ug/L	94

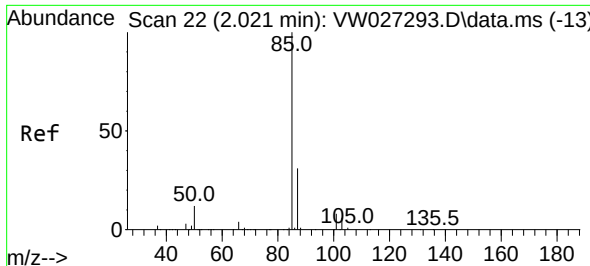
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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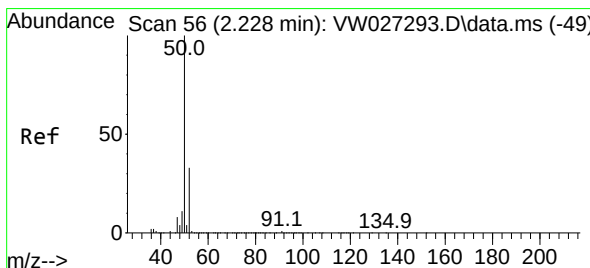
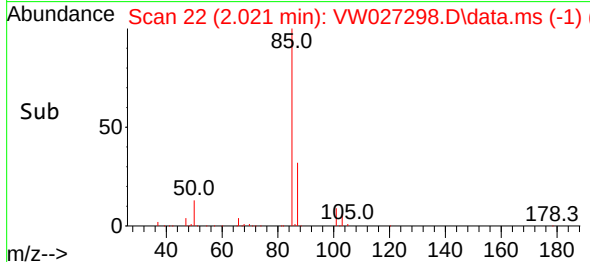
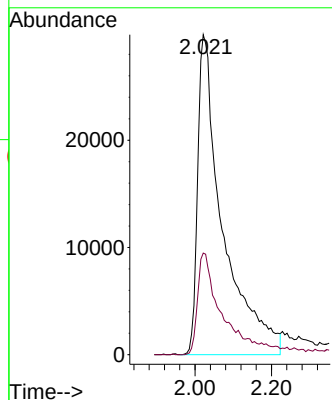
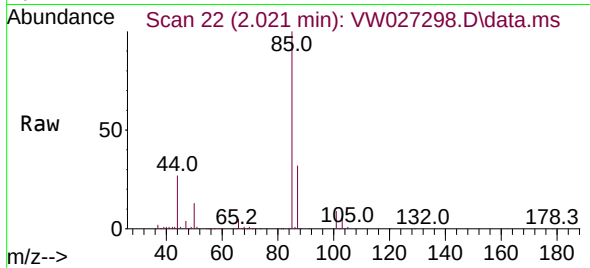




#2
 Dichlorodifluoromethane
 Concen: 22.984 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

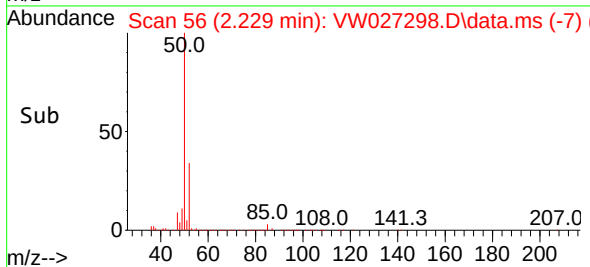
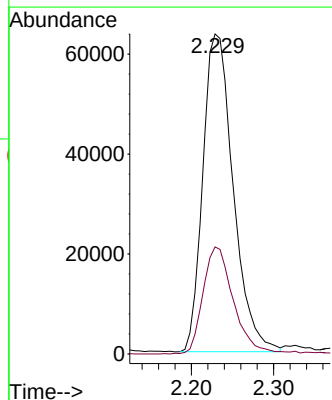
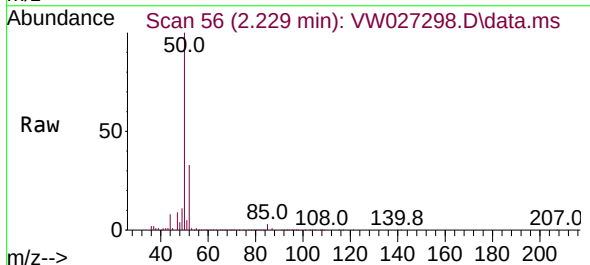
Instrument :
 MSVOA_W
 ClientSampleId :

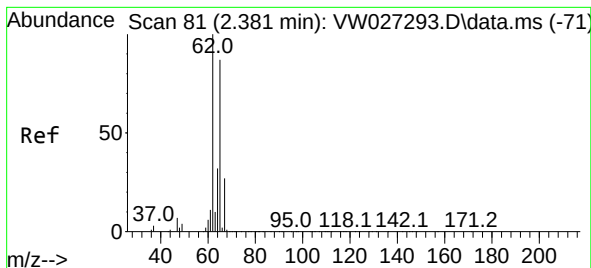
Tgt Ion: 85 Resp: 135351
 Ion Ratio Lower Upper
 85 100
 87 25.7 18.3 27.5



#3
 Chloromethane
 Concen: 24.125 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

Tgt Ion: 50 Resp: 163266
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.3





#5

Vinyl chloride

Concen: 23.410 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

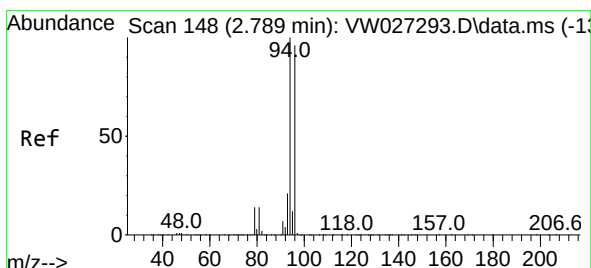
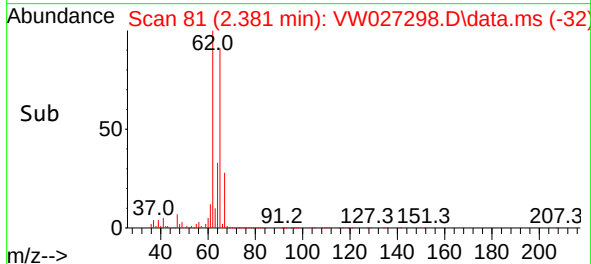
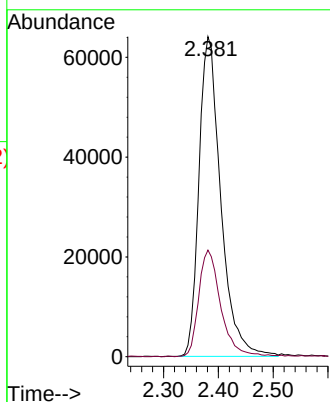
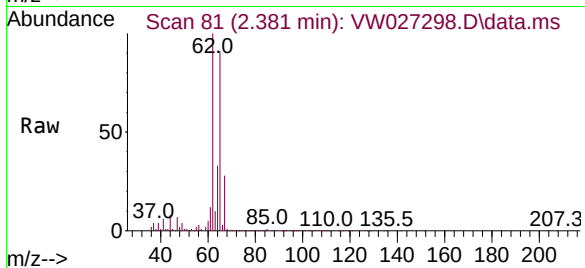
ClientSampleId :

Tgt Ion: 62 Resp: 176966

Ion Ratio Lower Upper

62 100

64 33.3 23.8 44.2



#6

Bromomethane

Concen: 24.085 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027298.D

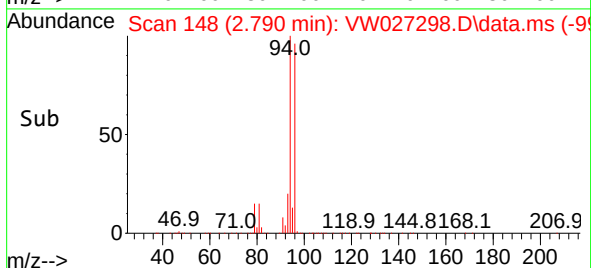
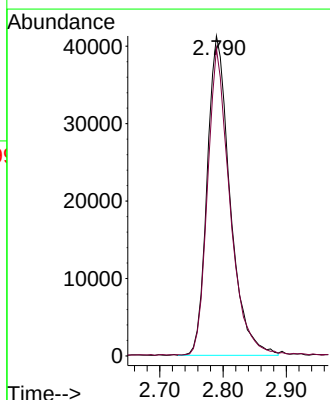
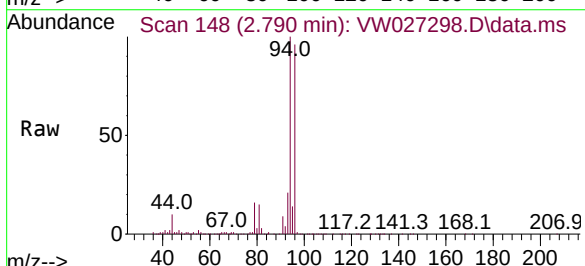
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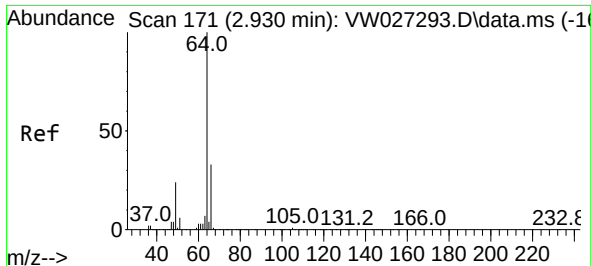
Tgt Ion: 94 Resp: 103704

Ion Ratio Lower Upper

94 100

96 96.1 62.9 116.9

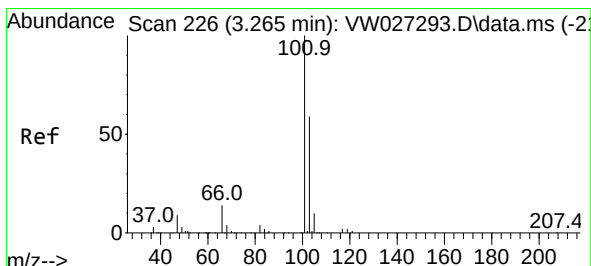
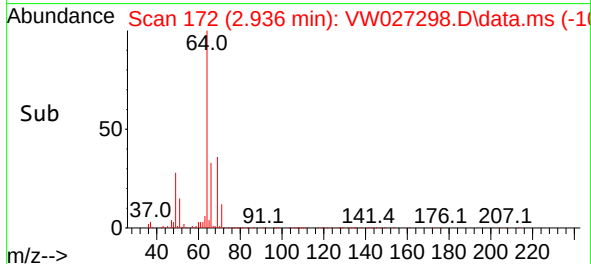
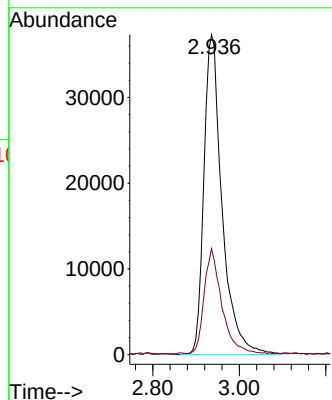
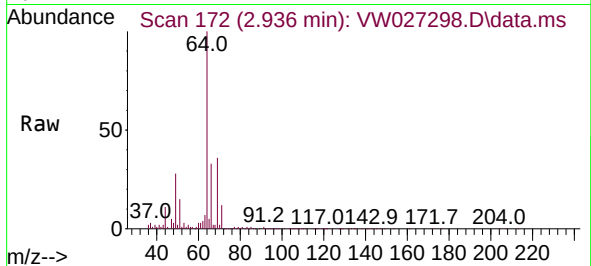




#8
Chloroethane
Concen: 25.004 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

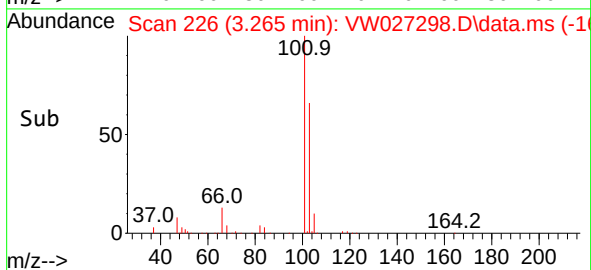
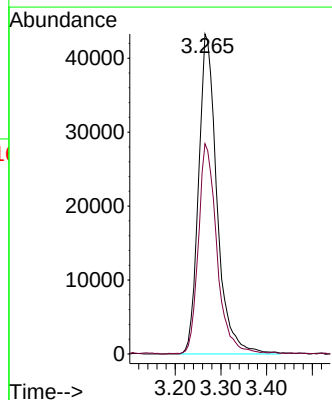
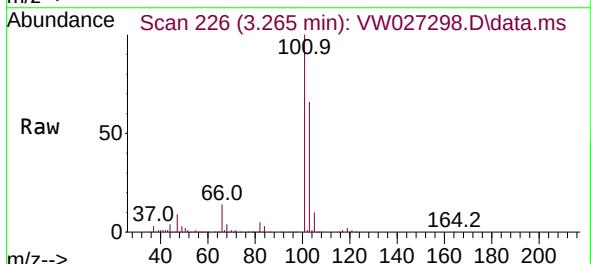
Instrument :
MSVOA_W
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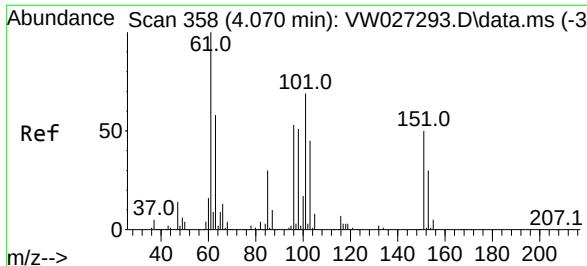
Tgt Ion: 64 Resp: 108802
Ion Ratio Lower Upper
64 100
66 33.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.650 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion:101 Resp: 120798
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

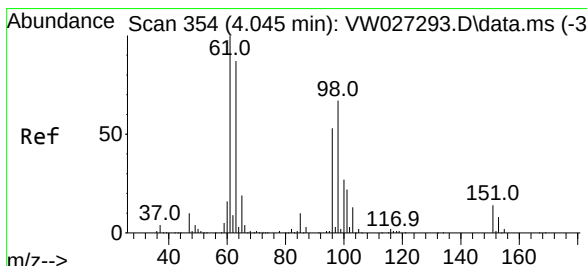
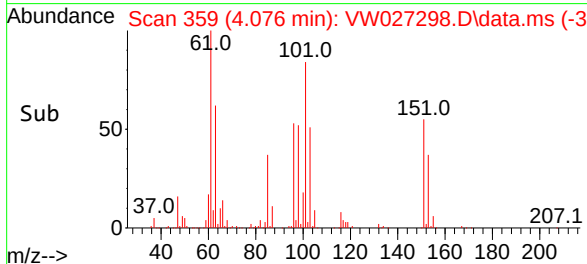
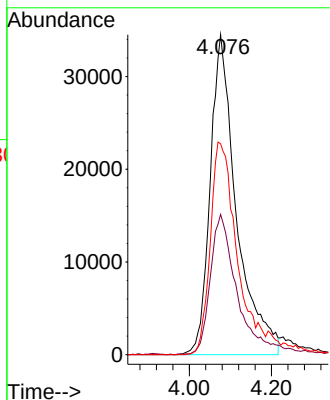
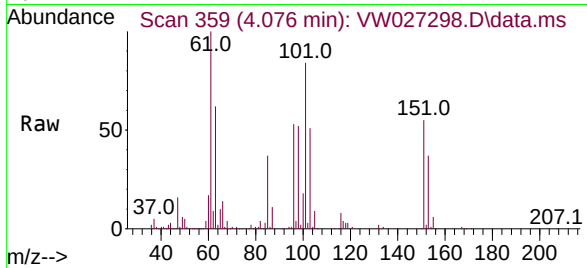




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.911 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

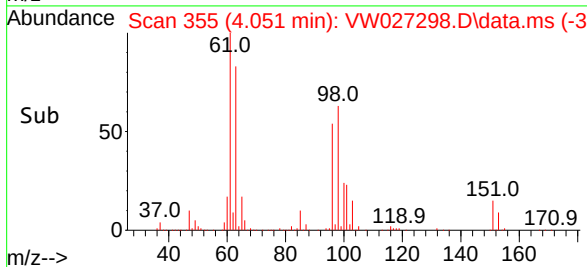
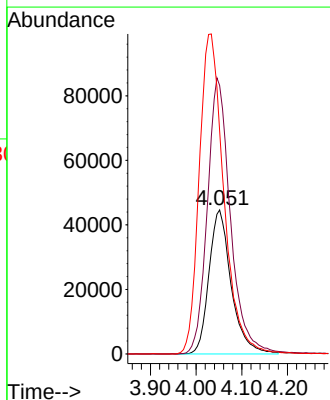
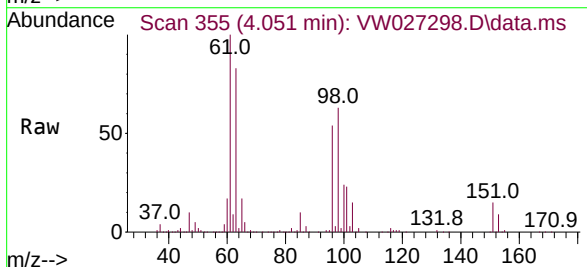
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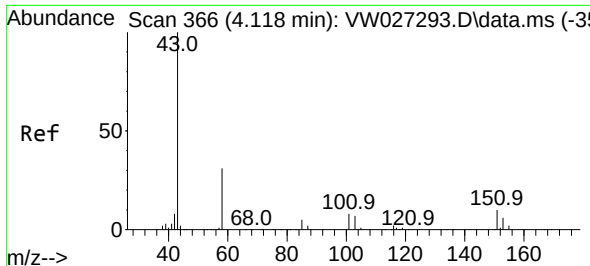
Tgt Ion:101 Resp: 153006
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 64.2 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 23.271 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

Tgt Ion: 96 Resp: 151030
 Ion Ratio Lower Upper
 96 100
 61 186.3 133.3 247.5
 63 154.9 115.8 215.2





#13

Acetone

Concen: 40.672 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

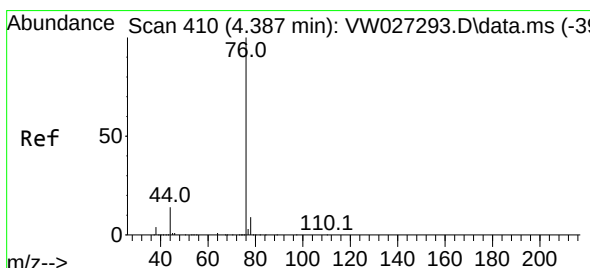
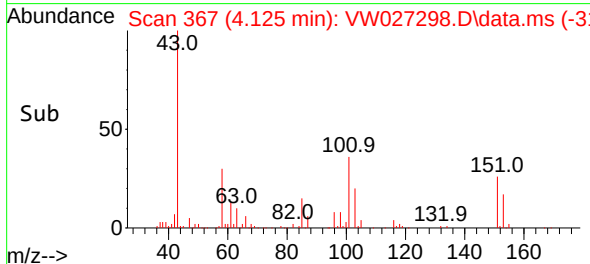
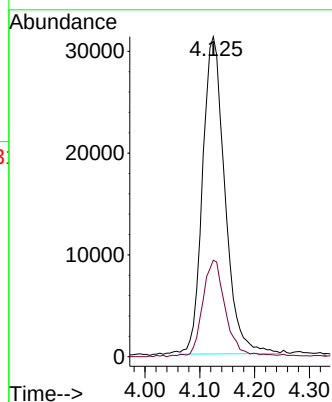
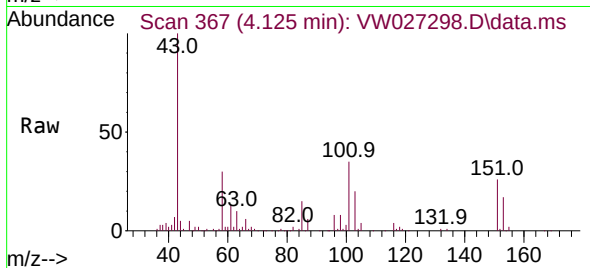
ClientSampleId :

Tgt Ion: 43 Resp: 88193

Ion Ratio Lower Upper

43 100

58 29.2 0.0 60.8



#14

Carbon disulfide

Concen: 22.222 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW027298.D

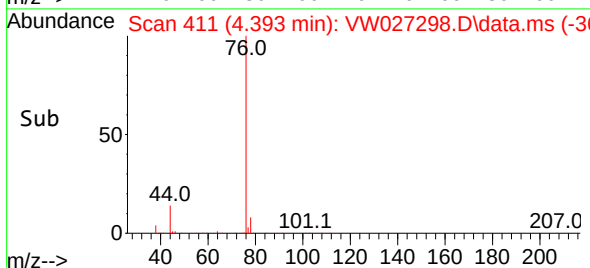
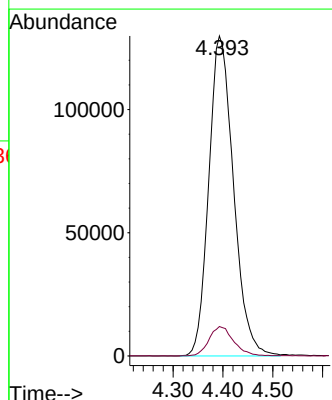
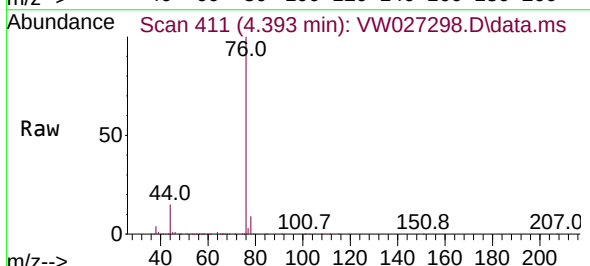
Acq: 12 Oct 2023 16:05

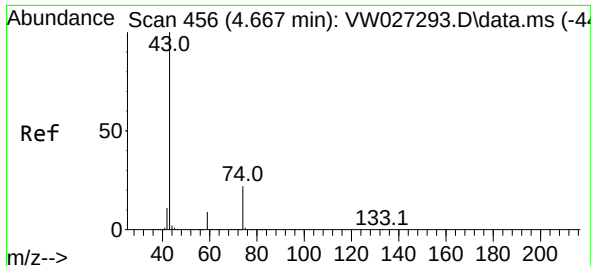
Tgt Ion: 76 Resp: 447100

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

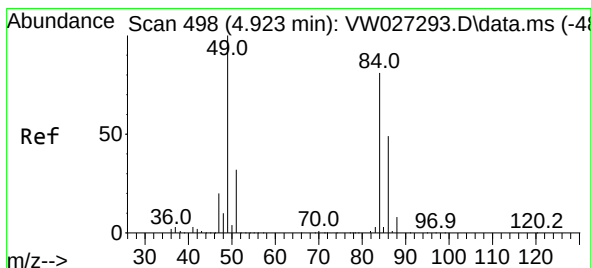
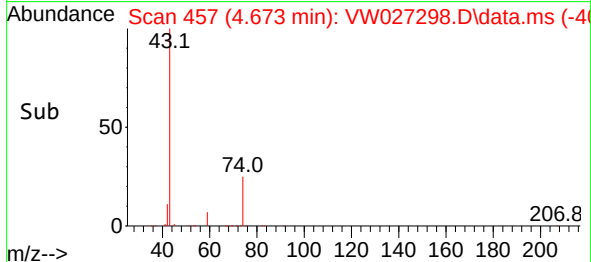
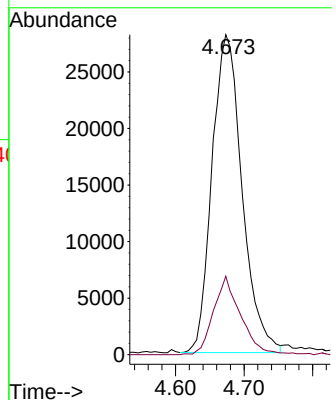
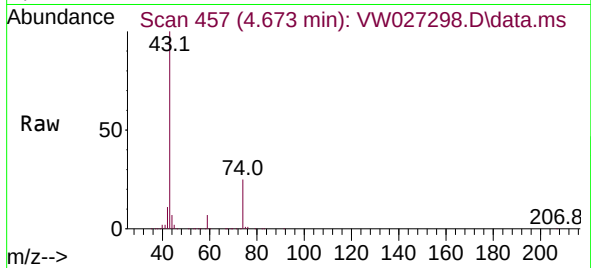




#15
Methyl Acetate
Concen: 23.119 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

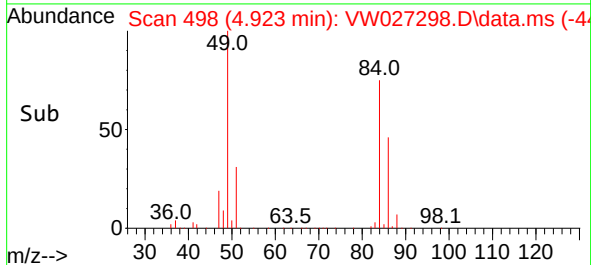
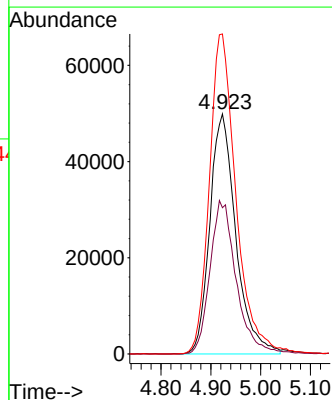
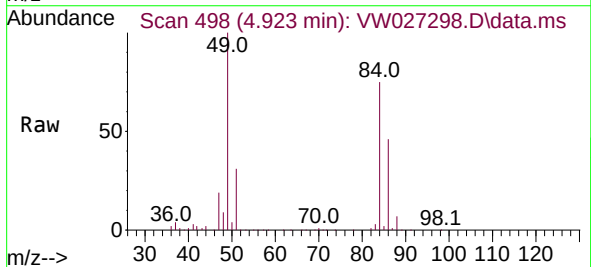
Instrument :
MSVOA_W
ClientSampleId :

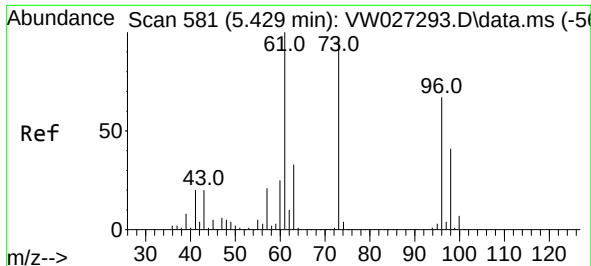
Tgt Ion: 43 Resp: 85624
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 19.973 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 84 Resp: 180951
Ion Ratio Lower Upper
84 100
86 60.9 41.3 76.7
49 133.3 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 24.058 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

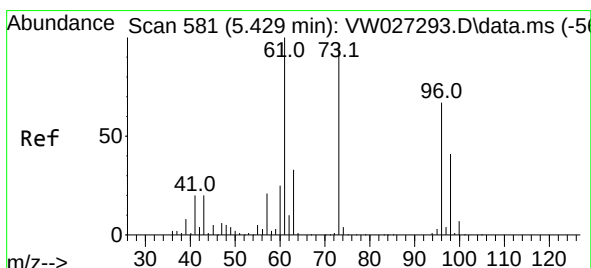
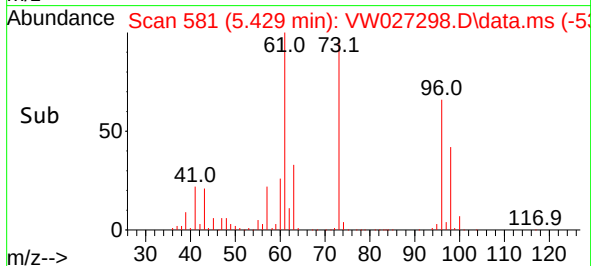
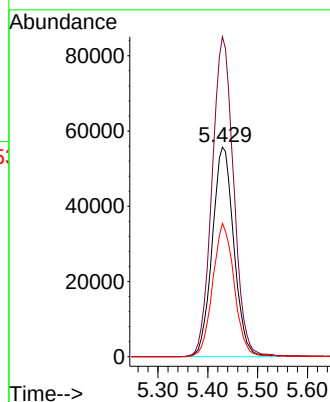
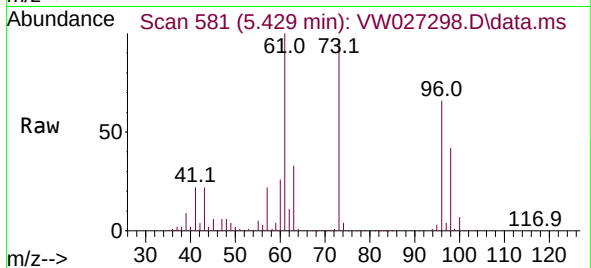
Tgt Ion: 96 Resp: 167801

Ion Ratio Lower Upper

96 100

61 152.6 105.6 196.0

98 63.6 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.442 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

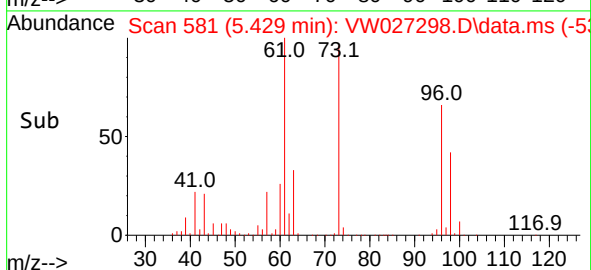
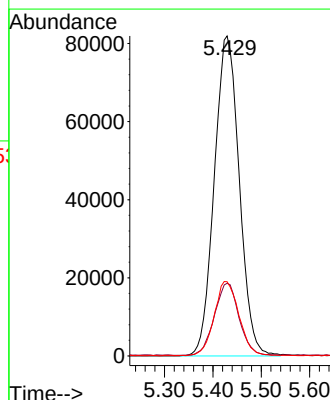
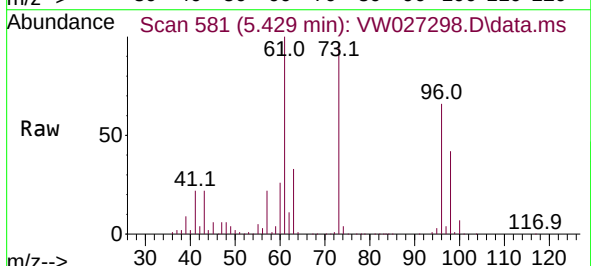
Tgt Ion: 73 Resp: 294130

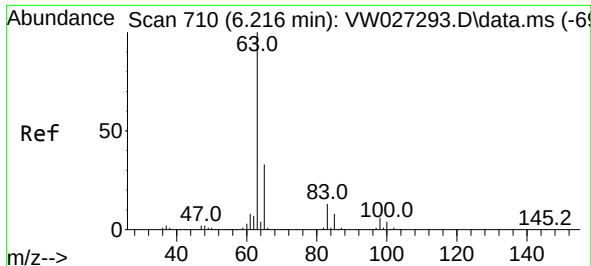
Ion Ratio Lower Upper

73 100

43 22.2 17.7 26.5

57 22.8 18.5 27.7

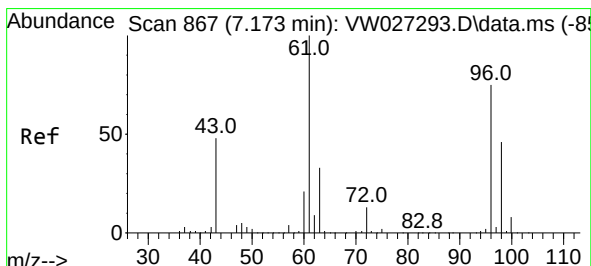
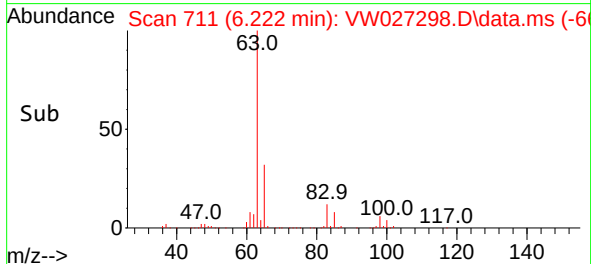
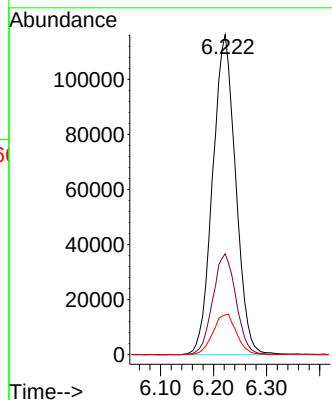
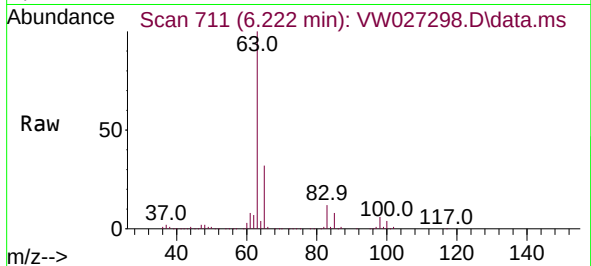




#19
1,1-Dichloroethane
Concen: 24.573 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

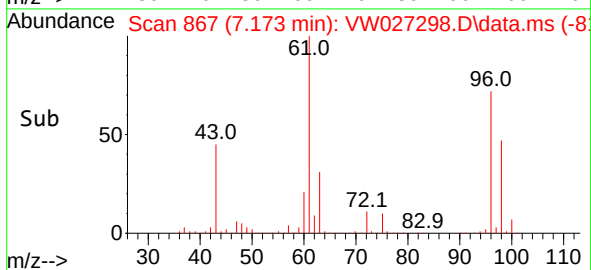
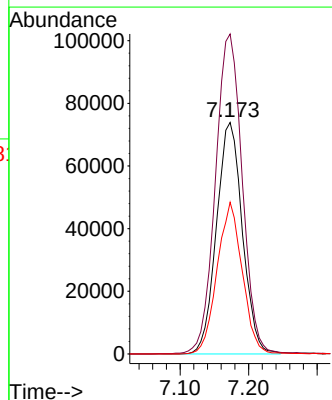
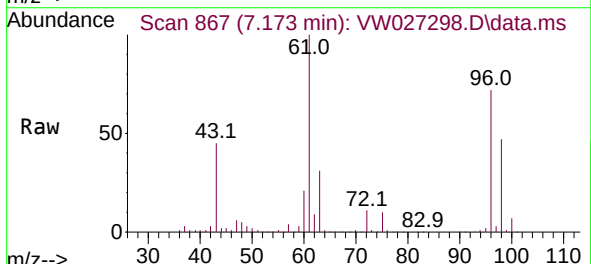
Instrument :
MSVOA_W
ClientSampleId :

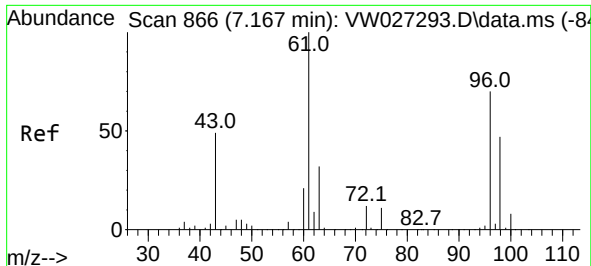
Tgt Ion: 63 Resp: 349689
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 12.4 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 24.630 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 96 Resp: 194009
Ion Ratio Lower Upper
96 100
61 138.2 96.2 178.8
98 65.5 46.0 85.4

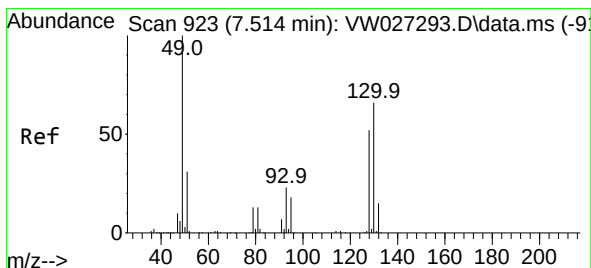
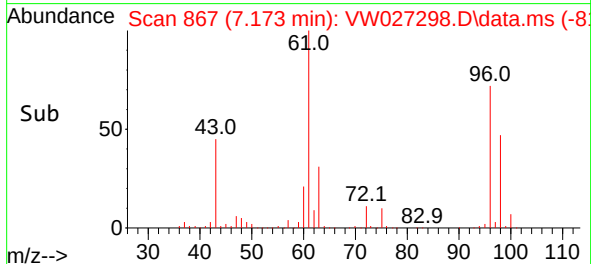
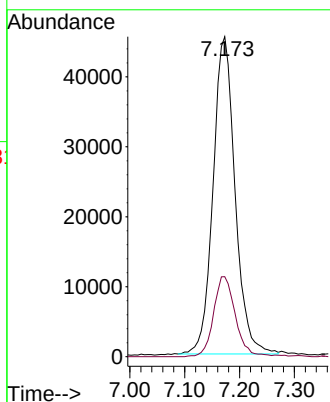
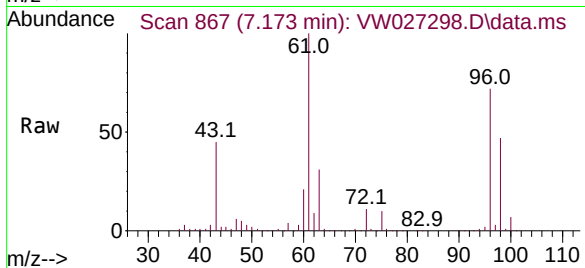




#22
2-Butanone
Concen: 39.046 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

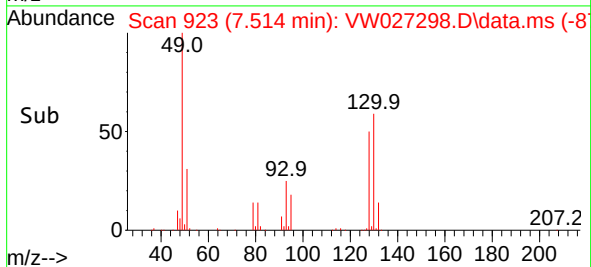
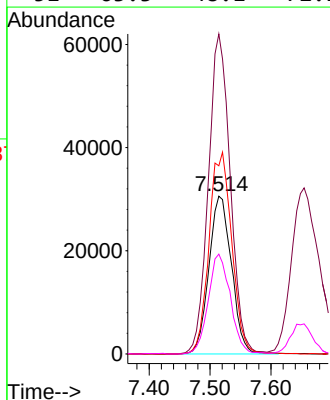
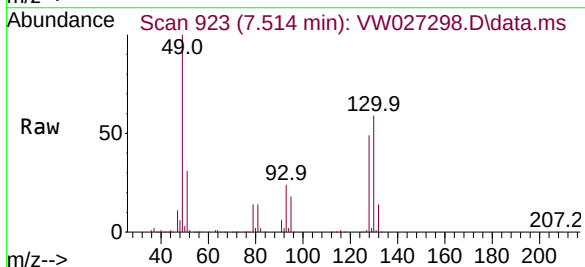
Instrument :
MSVOA_W
ClientSampleId :

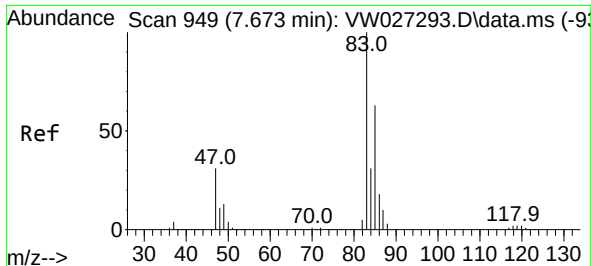
Tgt Ion: 43 Resp: 126731
Ion Ratio Lower Upper
43 100
72 24.9 12.3 36.8



#23
Bromochloromethane
Concen: 24.243 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 128 Resp: 78839
Ion Ratio Lower Upper
128 100
49 202.8 128.9 239.5
130 119.3 85.0 157.8
51 63.3 48.1 72.1

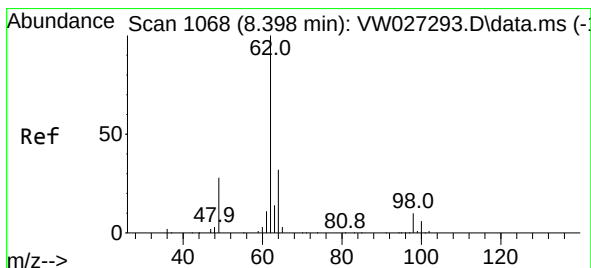
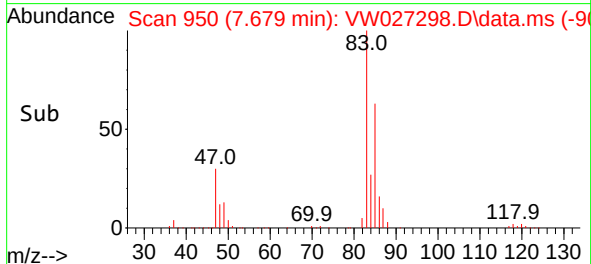
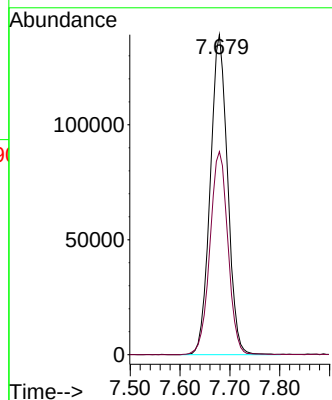
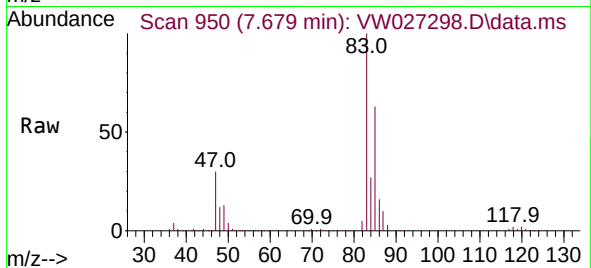




#25
Chloroform
Concen: 25.225 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

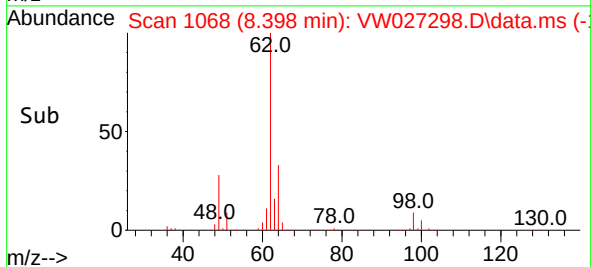
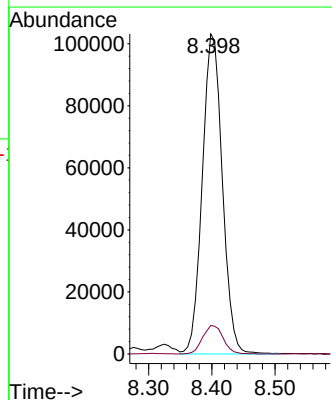
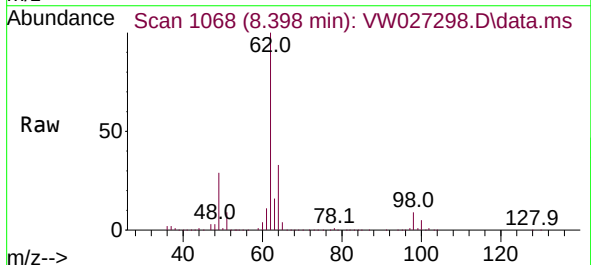
Instrument :
MSVOA_W
ClientSampleId :

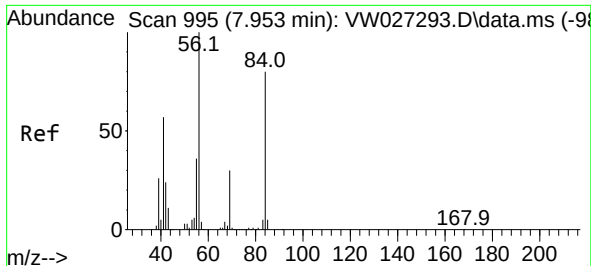
Tgt Ion: 83 Resp: 335974
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.197 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

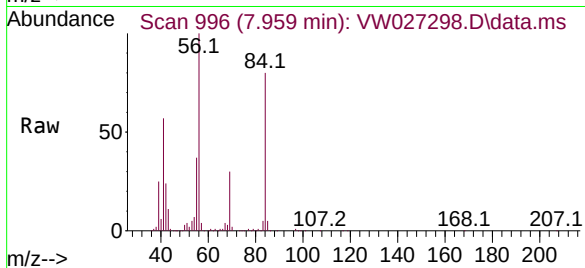
Tgt Ion: 62 Resp: 227969
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3



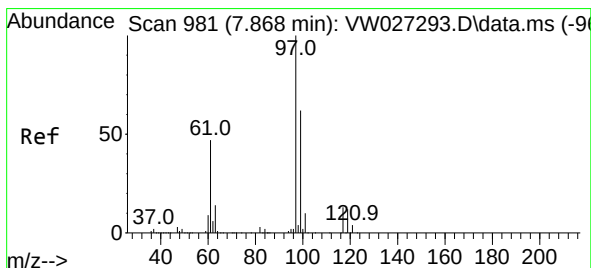
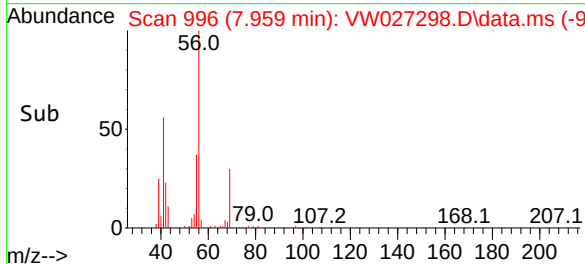
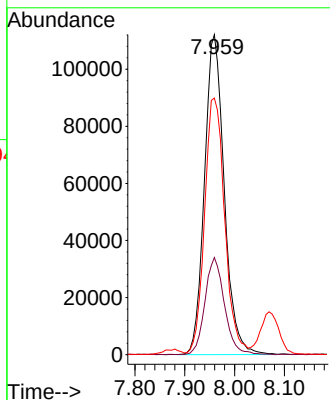


#29
Cyclohexane
Concen: 22.331 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Instrument :
MSVOA_W
ClientSampleId :

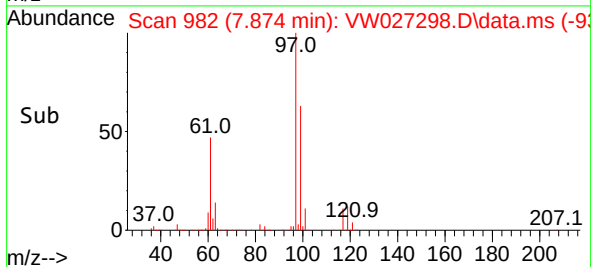
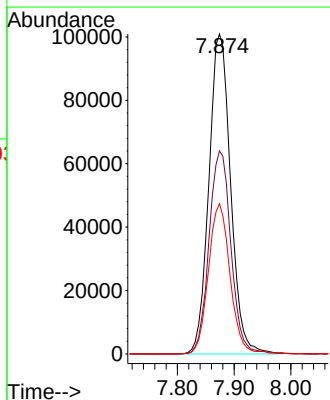
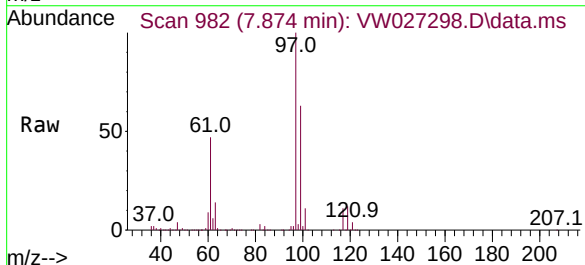


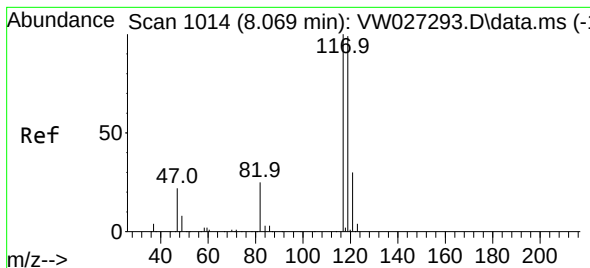
Tgt Ion: 56 Resp: 308202
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.4
84 81.7 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 24.248 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 97 Resp: 268860
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 23.367 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

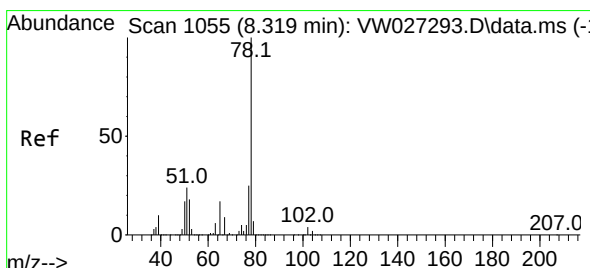
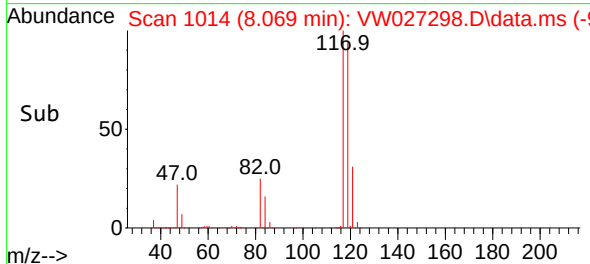
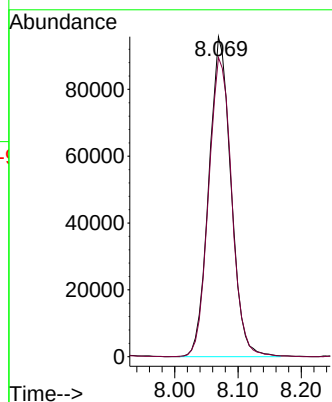
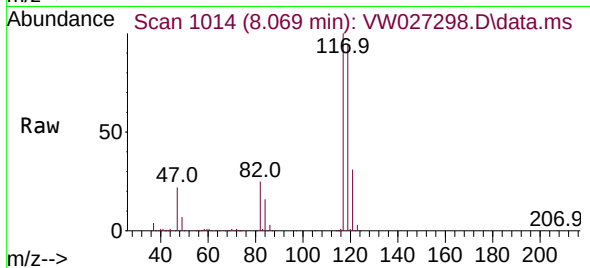
ClientSampleId :

Tgt Ion:117 Resp: 233624

Ion Ratio Lower Upper

117 100

119 97.2 77.1 115.7



#33

Benzene

Concen: 24.596 ug/L

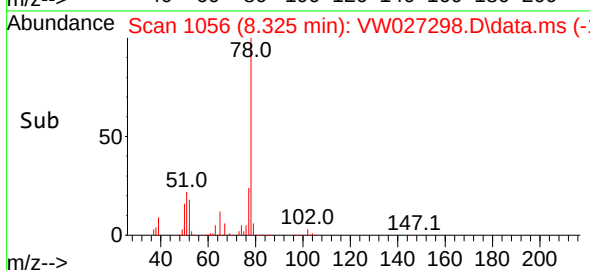
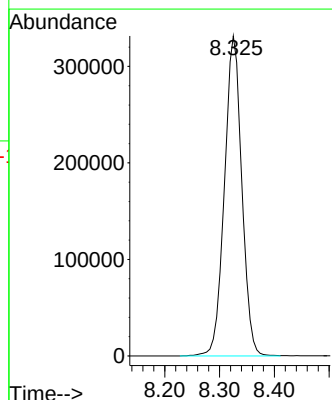
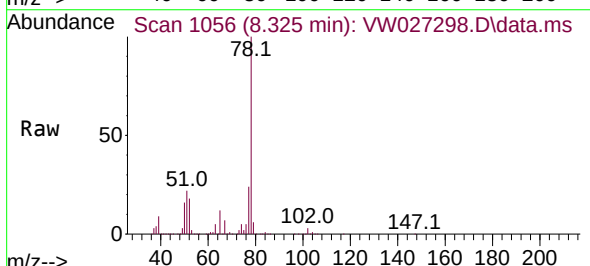
RT: 8.325 min Scan# 1056

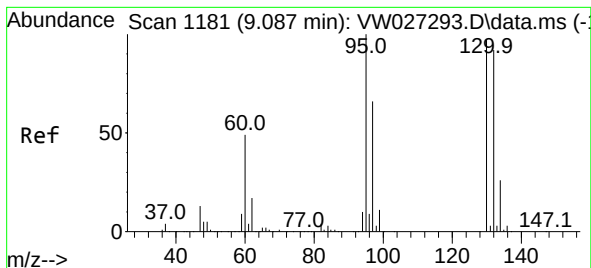
Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Tgt Ion: 78 Resp: 730654





#34

Trichloroethene

Concen: 24.414 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 191575

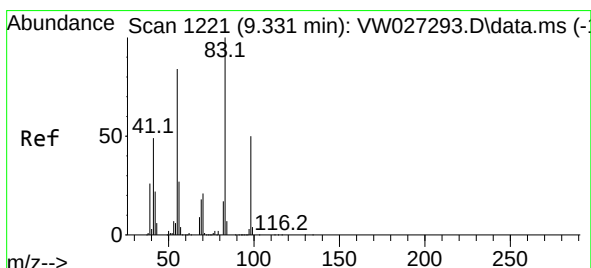
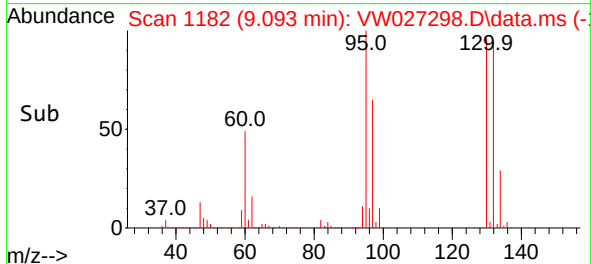
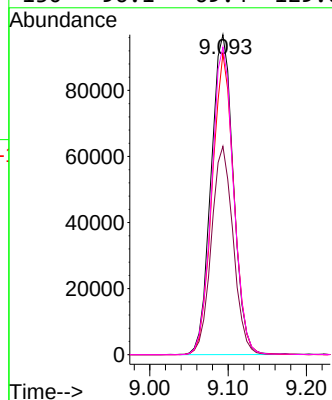
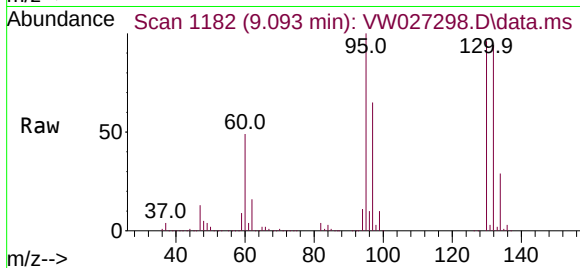
Ion Ratio Lower Upper

95 100

97 65.1 43.4 80.6

132 94.1 67.6 125.6

130 96.1 69.4 129.0



#35

Methylcyclohexane

Concen: 22.215 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

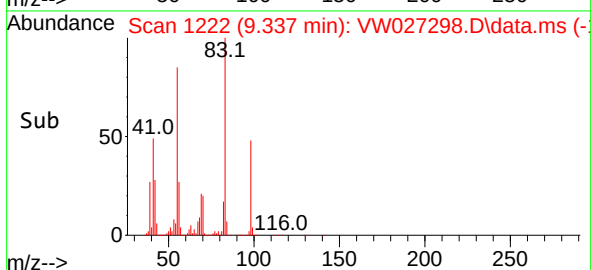
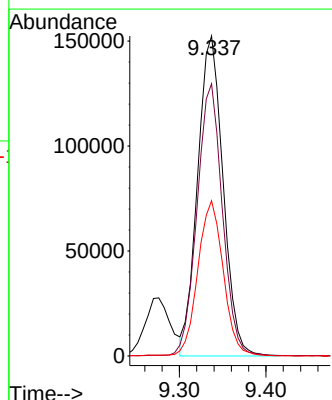
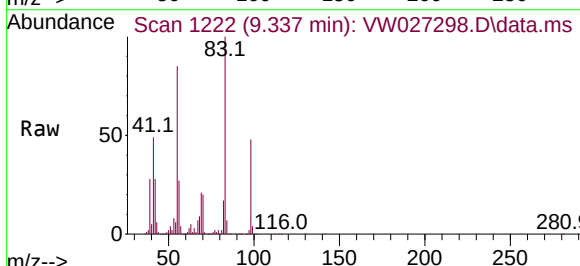
Tgt Ion: 83 Resp: 311733

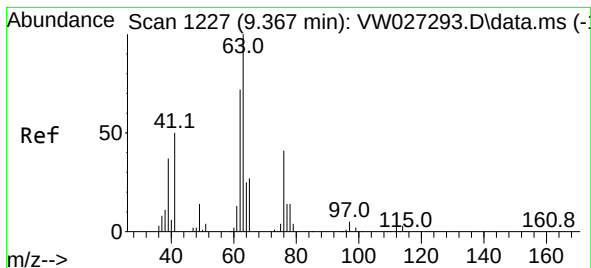
Ion Ratio Lower Upper

83 100

55 84.5 65.8 98.8

98 48.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.807 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

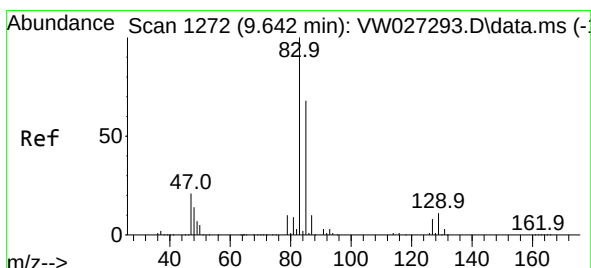
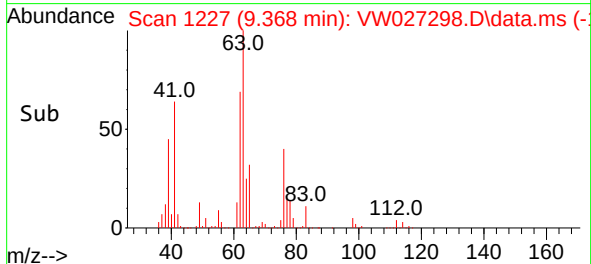
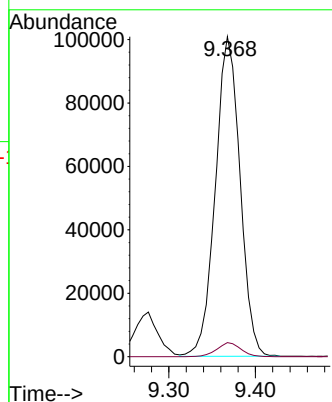
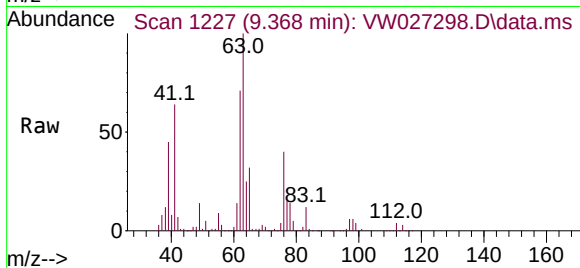
ClientSampleId :

Tgt Ion: 63 Resp: 199259

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 24.743 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

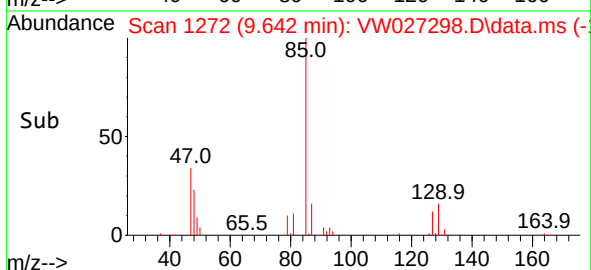
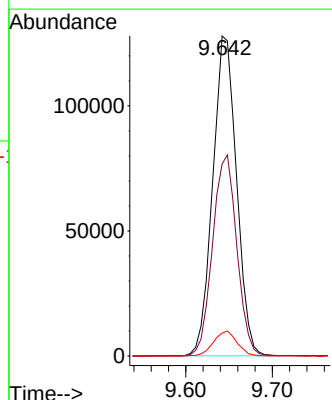
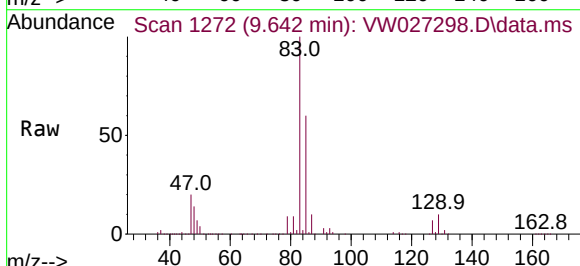
Tgt Ion: 83 Resp: 244380

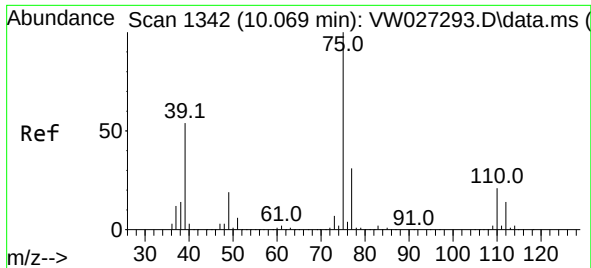
Ion Ratio Lower Upper

83 100

85 60.0 43.9 81.5

127 7.2 6.2 9.2

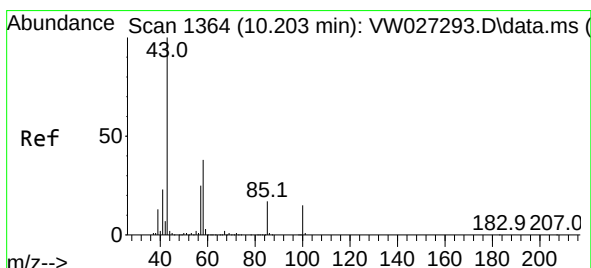
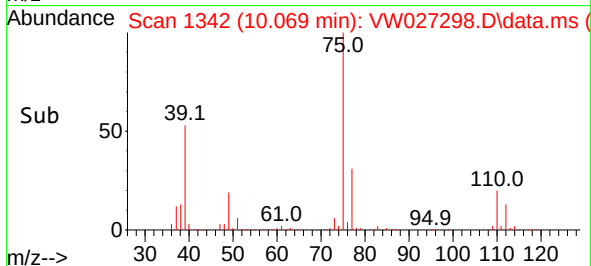
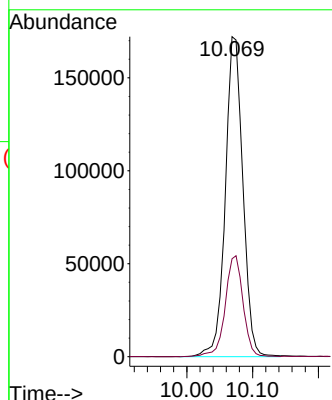
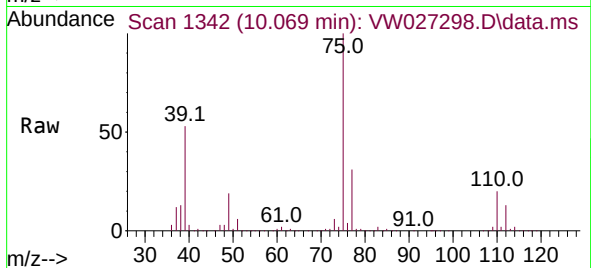




#39
 cis-1,3-Dichloropropene
 Concen: 24.109 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

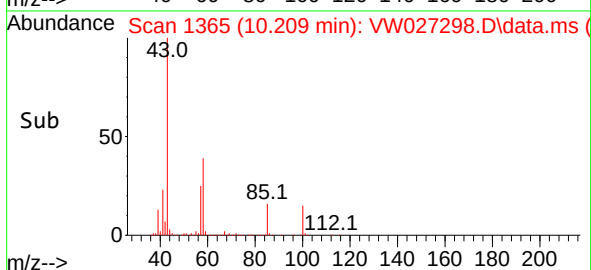
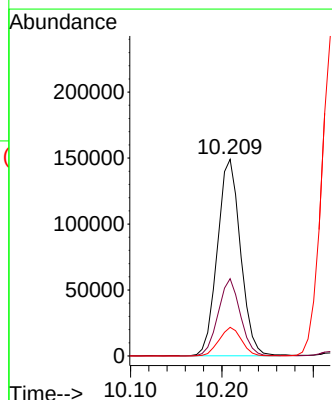
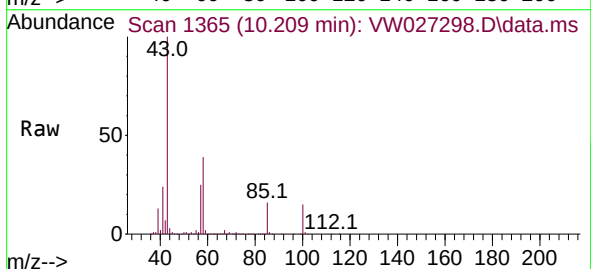
Instrument :
 MSVOA_W
 ClientSampleId :

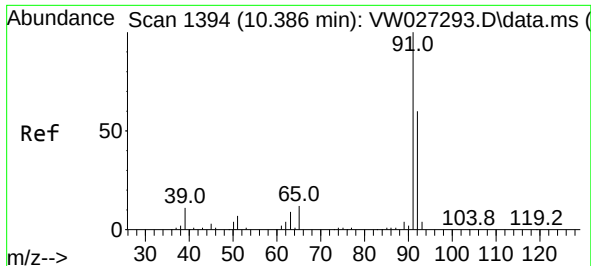
Tgt Ion: 75 Resp: 319887
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 47.382 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW027298.D
 Acq: 12 Oct 2023 16:05

Tgt Ion: 43 Resp: 261736
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.5 45.7
 100 14.2 11.5 17.3

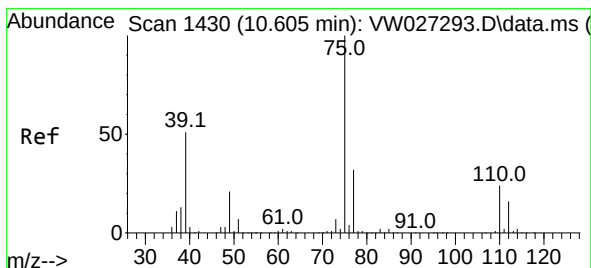
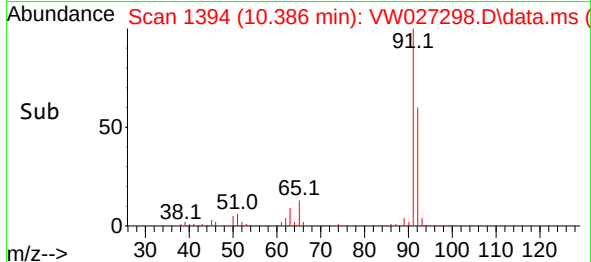
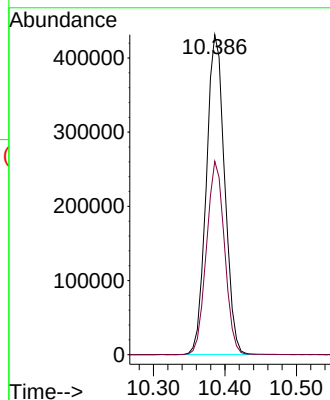
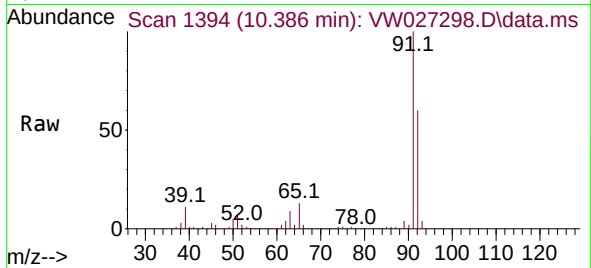




#42
Toluene
Concen: 24.558 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

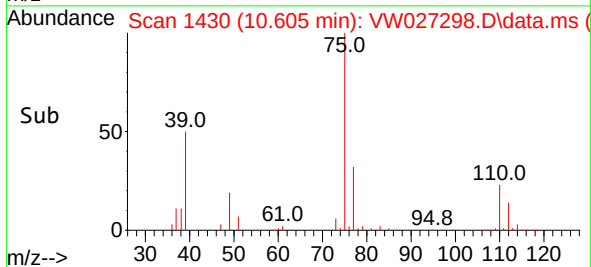
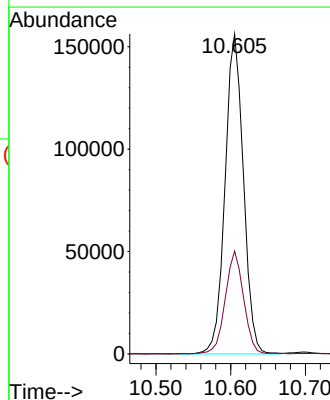
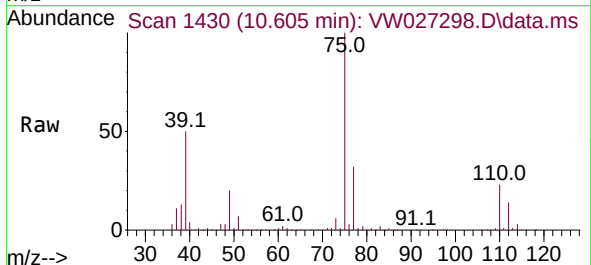
Instrument :
MSVOA_W
ClientSampleId :

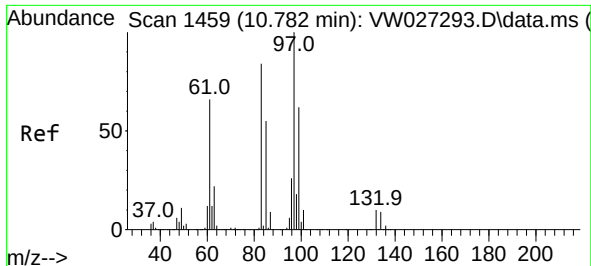
Tgt Ion: 91 Resp: 765320
Ion Ratio Lower Upper
91 100
92 60.5 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.883 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 75 Resp: 267387
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0

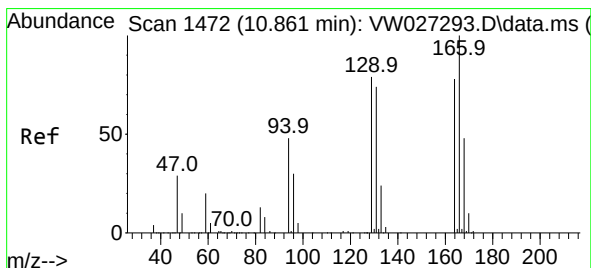
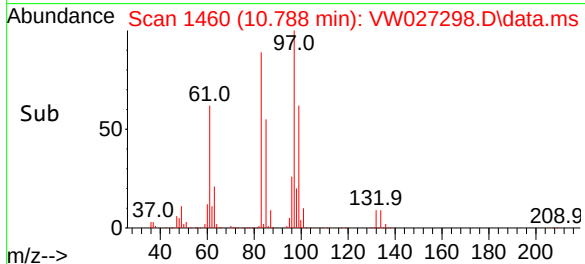
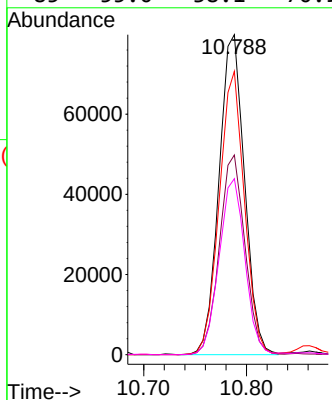
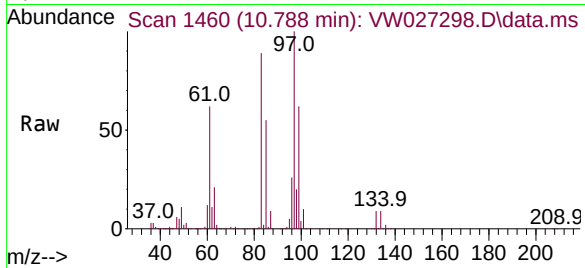




#45
1,1,2-Trichloroethane
Concen: 24.933 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

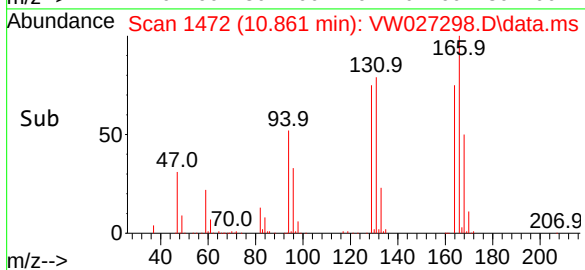
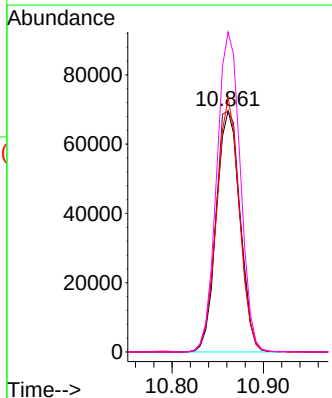
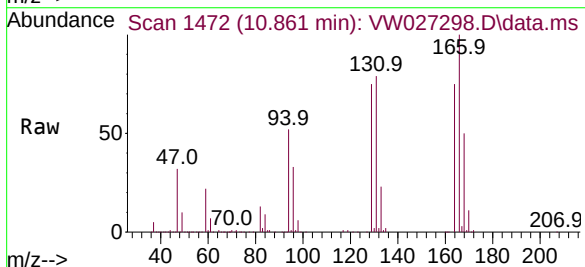
Instrument :
MSVOA_W
ClientSampleId :

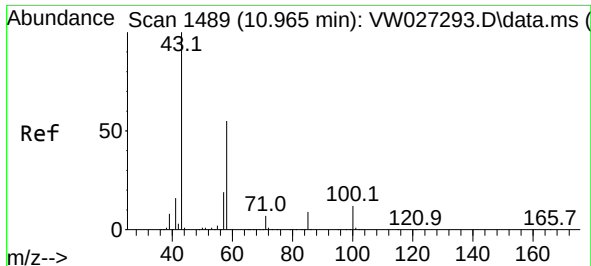
Tgt Ion: 97	Resp: 137812
Ion Ratio	Lower Upper
97 100	
99 62.4	43.8 81.4
83 88.6	57.5 106.7
85 55.0	38.1 70.9



#46
Tetrachloroethene
Concen: 23.177 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt	Ion:164	Resp:	125581
Ion	Ratio	Lower	Upper
164	100		
129	99.9	74.7	138.7
131	105.5	73.2	136.0
166	132.7	87.3	162.1

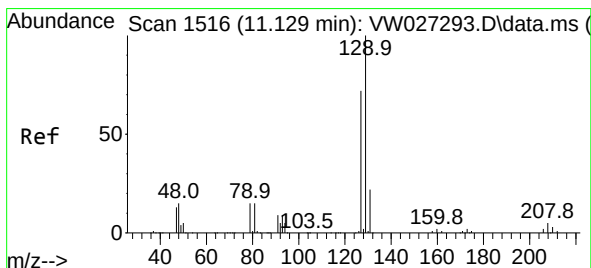
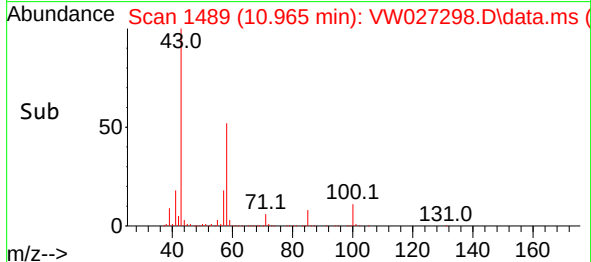
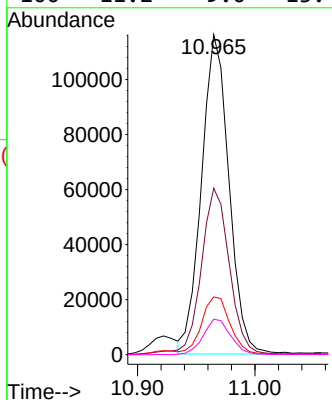
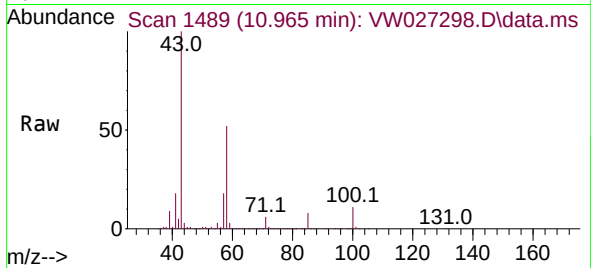




#48
2-Hexanone
Concen: 46.117 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

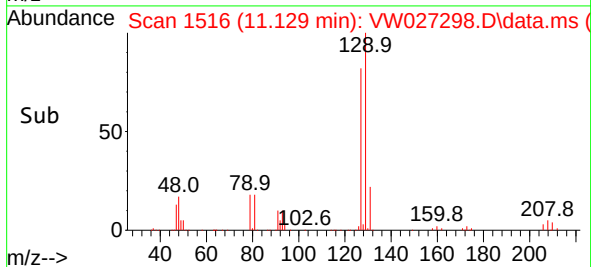
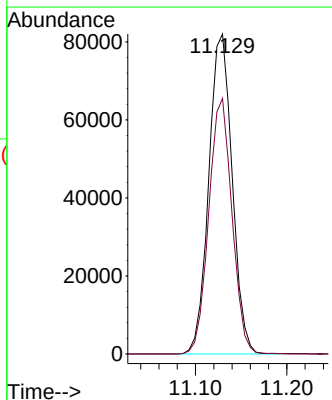
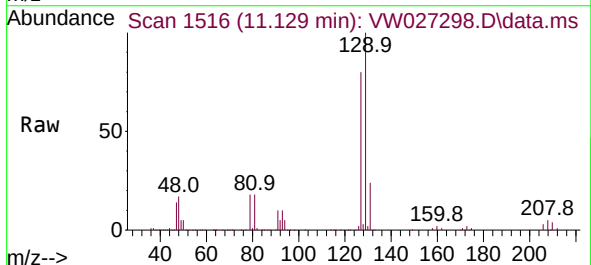
Instrument :
MSVOA_W
ClientSampleId :

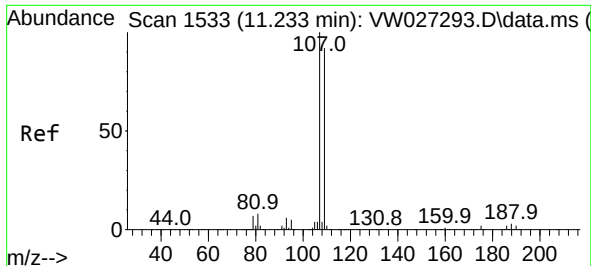
Tgt Ion: 43 Resp: 188550
Ion Ratio Lower Upper
43 100
58 53.7 42.2 63.4
57 18.9 15.1 22.7
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 23.744 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion:129 Resp: 145753
Ion Ratio Lower Upper
129 100
127 79.9 51.7 95.9





#50

1,2-Dibromoethane

Concen: 24.102 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027298.D

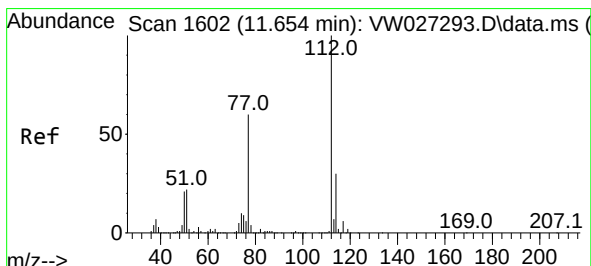
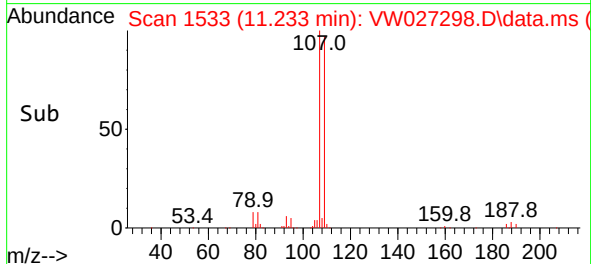
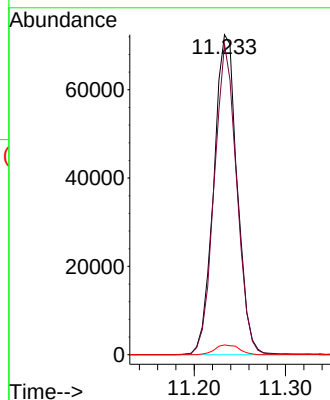
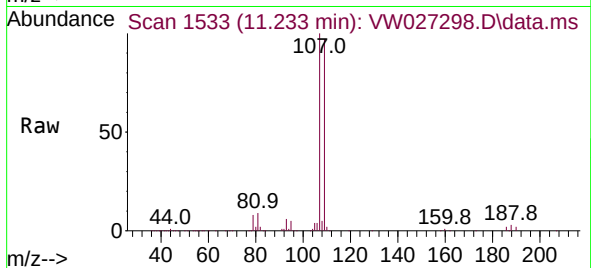
Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	129164
Ion	Ratio	Lower	Upper
107	100		
109	97.0	66.3	123.1
188	3.1	3.0	4.4



#51

Chlorobenzene

Concen: 24.551 ug/L

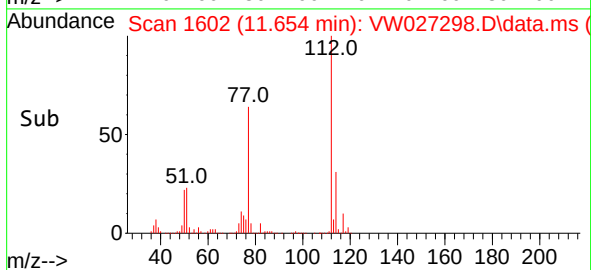
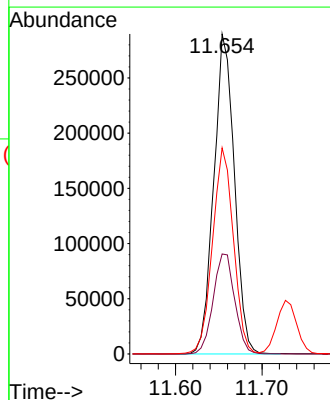
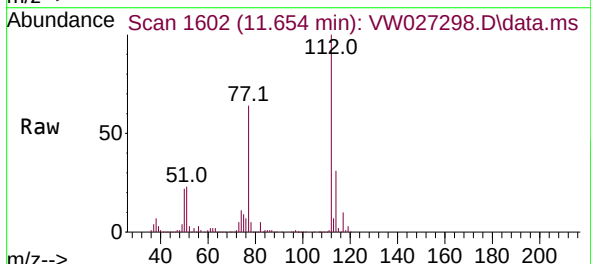
RT: 11.654 min Scan# 1602

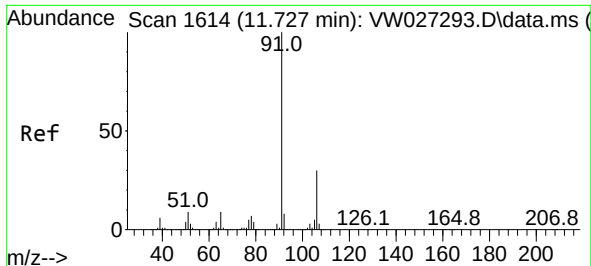
Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Tgt Ion:	112	Resp:	479093
Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.8	40.6
77	64.4	52.2	78.4

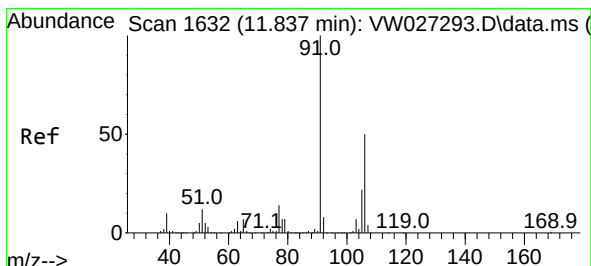
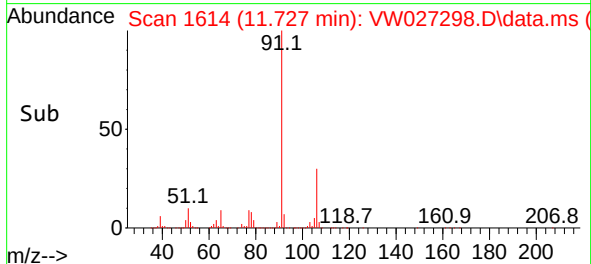
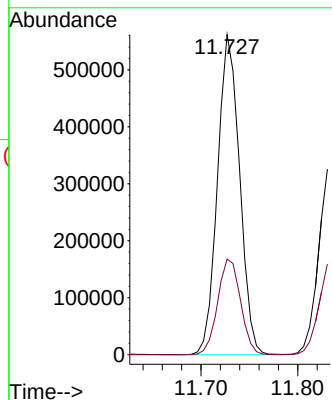
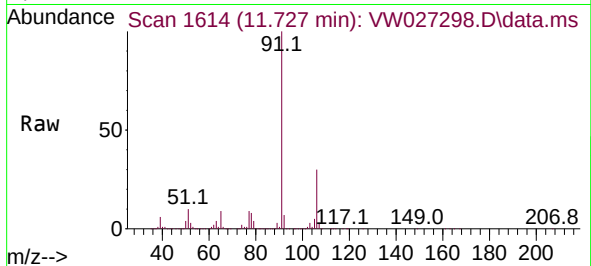




#52
Ethylbenzene
Concen: 24.602 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

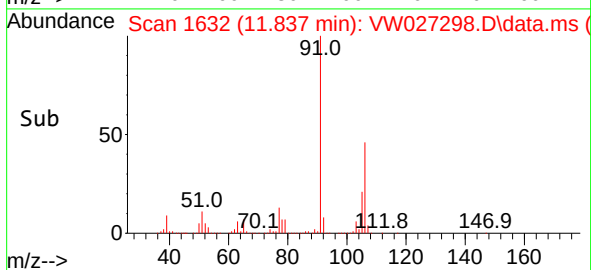
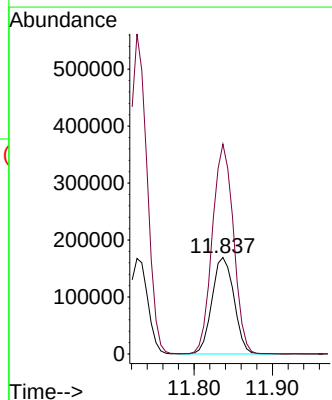
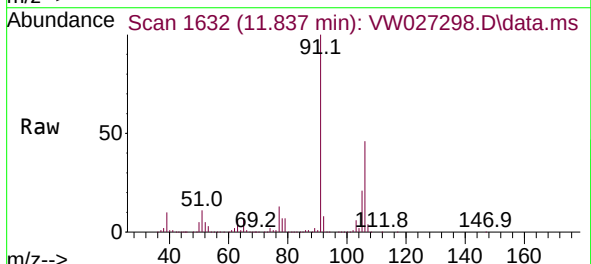
Instrument :
MSVOA_W
ClientSampleId :

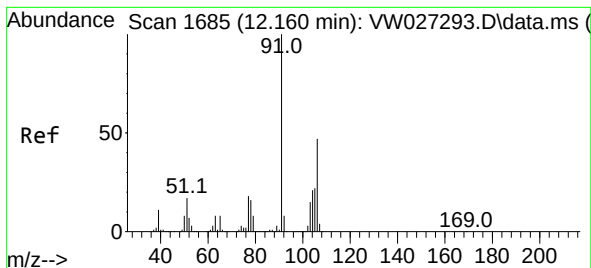
Tgt Ion: 91 Resp: 890936
Ion Ratio Lower Upper
91 100
106 29.8 19.8 36.8



#53
m,p-Xylene
Concen: 24.042 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion: 106 Resp: 330231
Ion Ratio Lower Upper
106 100
91 217.6 144.5 268.4





#54

o-Xylene

Concen: 24.682 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

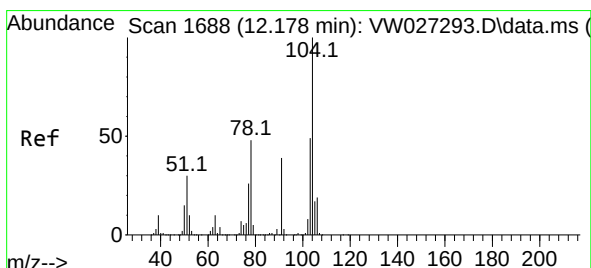
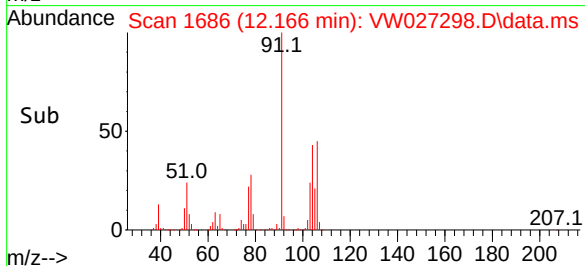
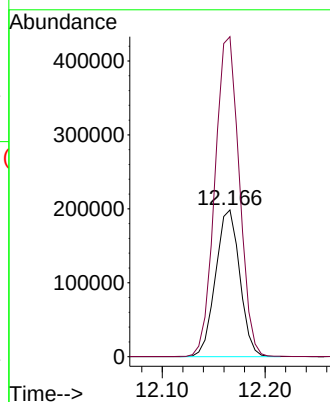
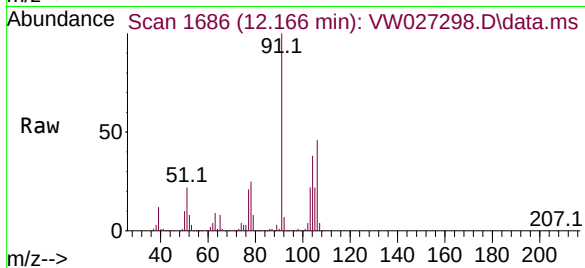
ClientSampleId :

Tgt Ion:106 Resp: 324638

Ion Ratio Lower Upper

106 100

91 218.2 152.0 282.2



#55

Styrene

Concen: 24.963 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027298.D

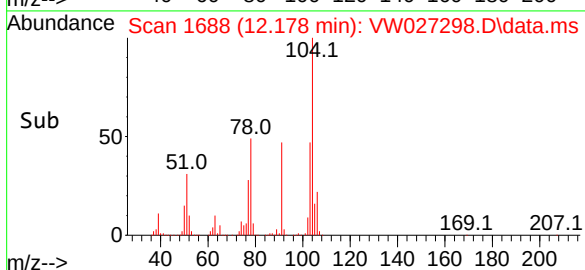
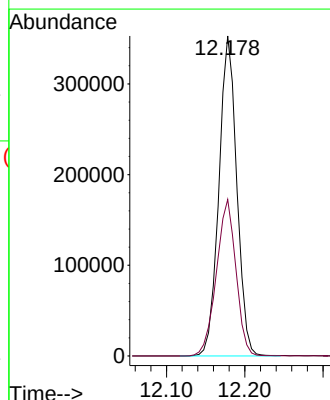
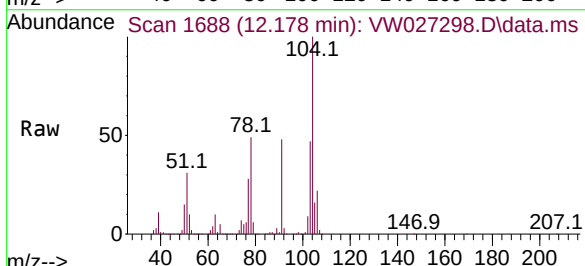
Acq: 12 Oct 2023 16:05

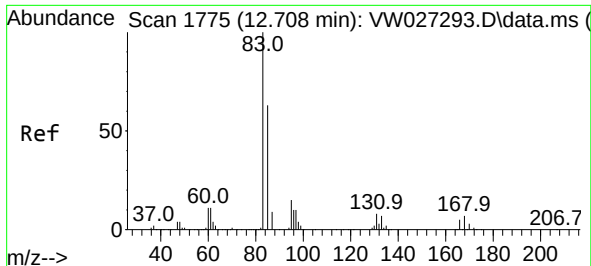
Tgt Ion:104 Resp: 560755

Ion Ratio Lower Upper

104 100

78 48.9 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.267 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

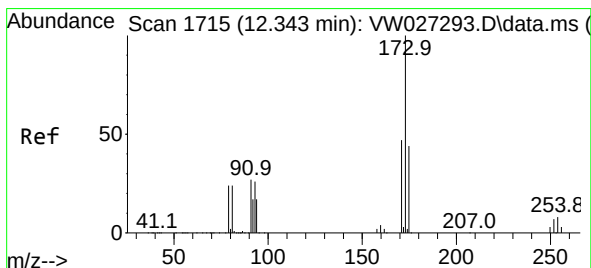
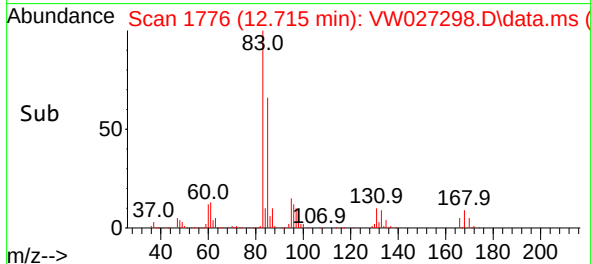
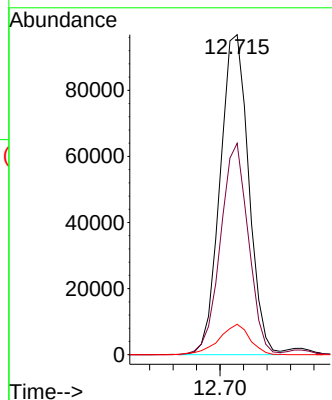
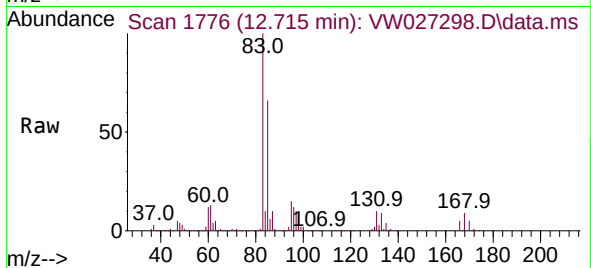
Tgt Ion: 83 Resp: 163743

Ion Ratio Lower Upper

83 100

85 66.0 43.2 80.2

131 9.5 7.2 10.8



#59

Bromoform

Concen: 24.282 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

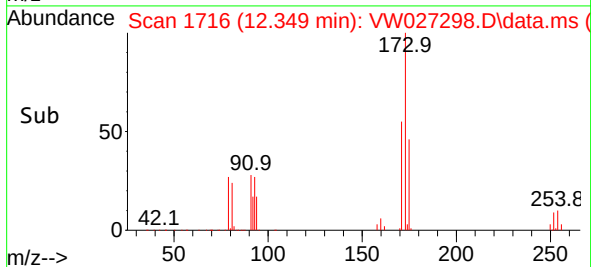
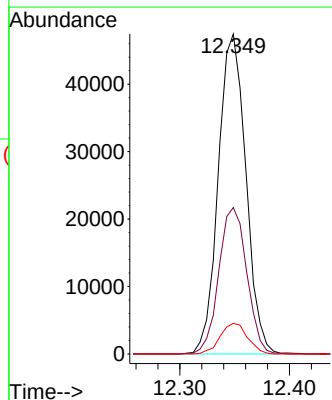
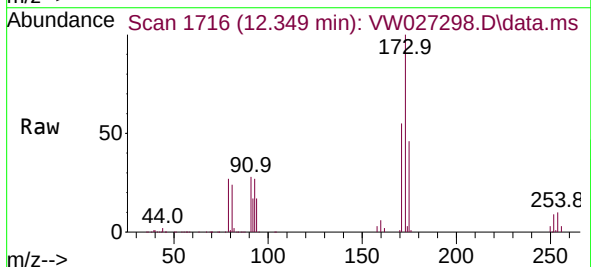
Tgt Ion:173 Resp: 82858

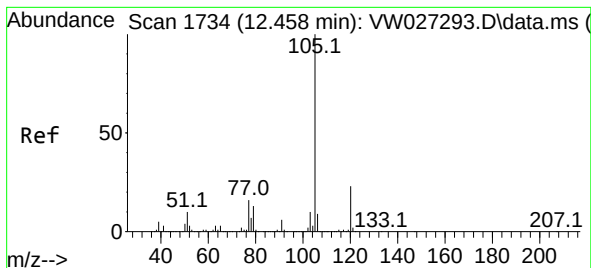
Ion Ratio Lower Upper

173 100

175 46.4 39.6 59.4

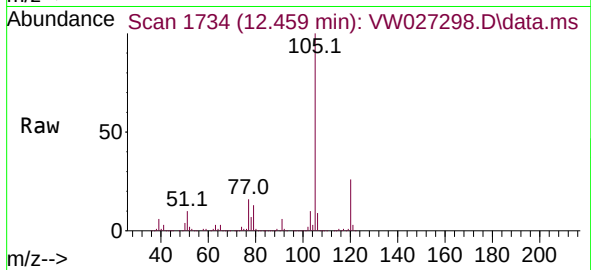
254 9.5 6.6 10.0



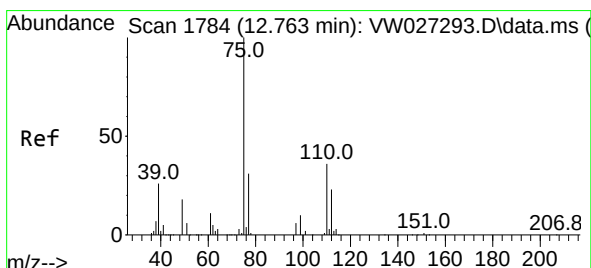
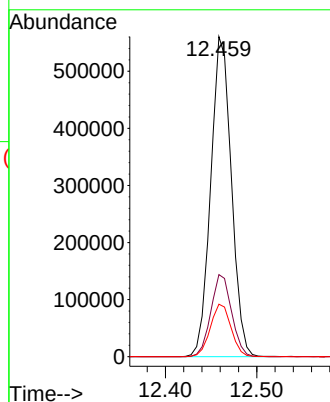
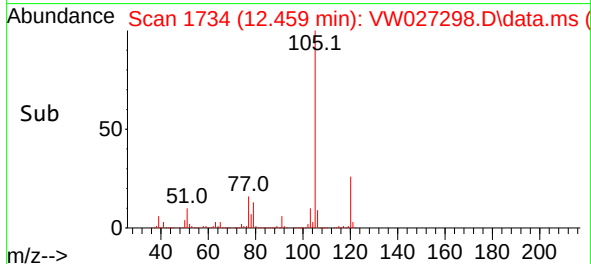


#60
Isopropylbenzene
Concen: 24.367 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

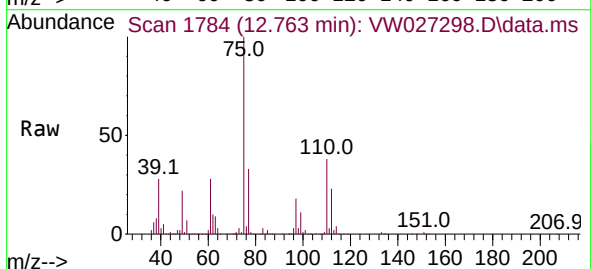
Instrument :
MSVOA_W
ClientSampleId :



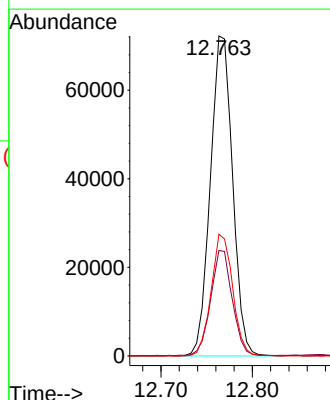
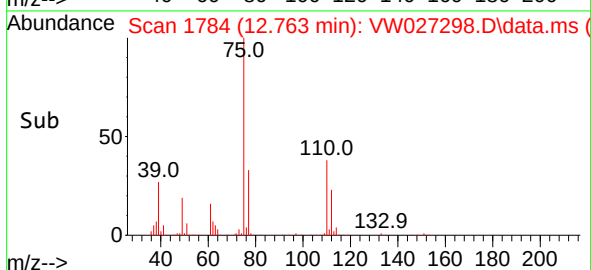
Tgt Ion:105 Resp: 877806
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 16.4 12.9 19.3

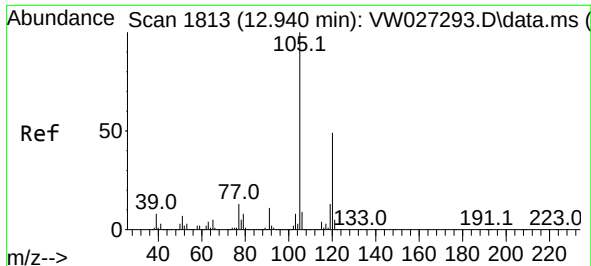


#61
1,2,3-Trichloropropane
Concen: 24.394 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05



Tgt Ion: 75 Resp: 122143
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 36.7 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 25.255 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

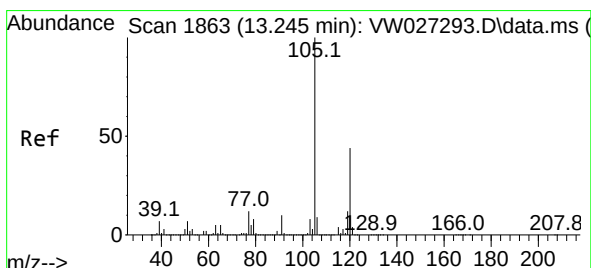
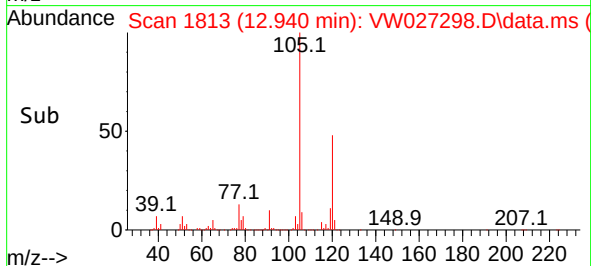
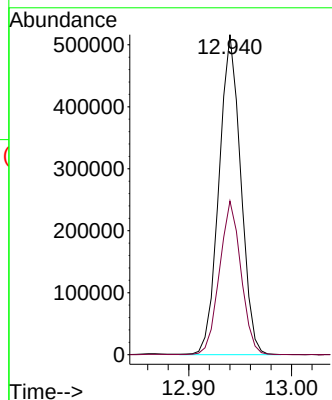
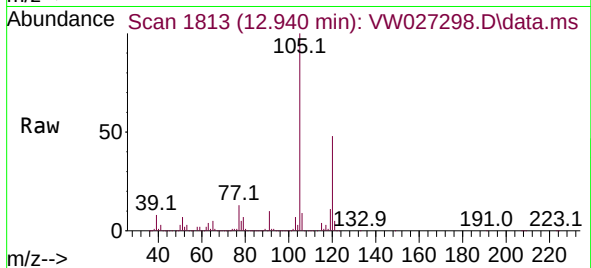
ClientSampleId :

Tgt Ion:105 Resp: 758882

Ion Ratio Lower Upper

105 100

120 47.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 25.202 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027298.D

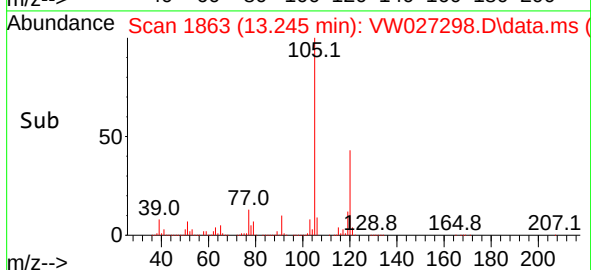
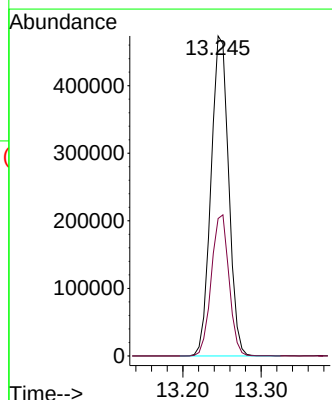
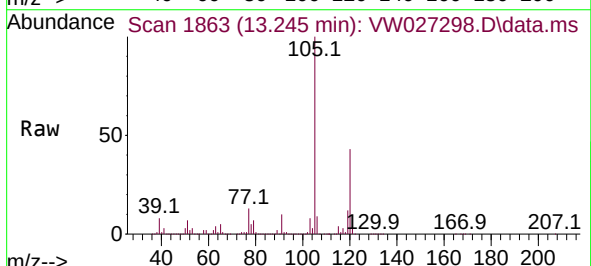
Acq: 12 Oct 2023 16:05

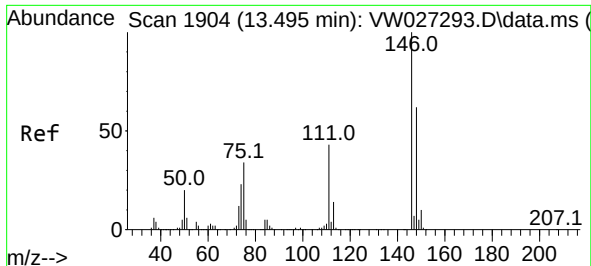
Tgt Ion:105 Resp: 740956

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.2

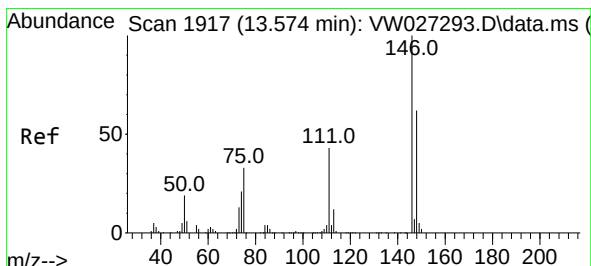
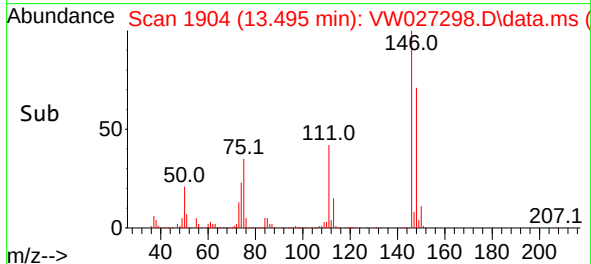
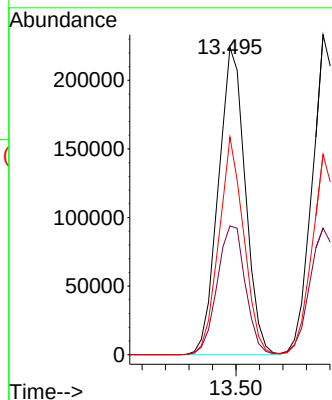
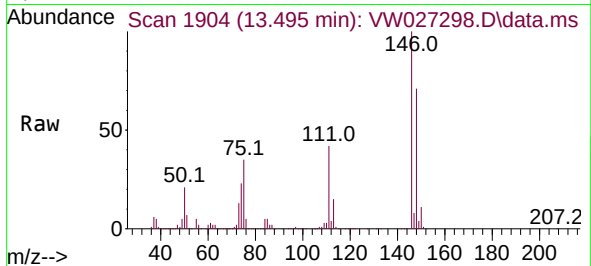




#64
1,3-Dichlorobenzene
Concen: 24.409 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

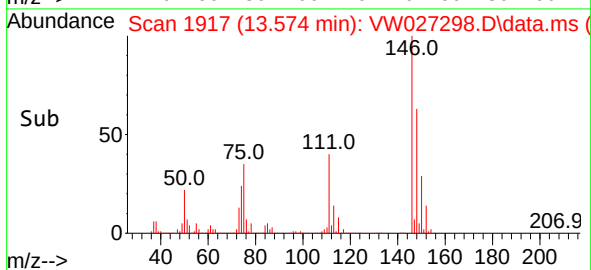
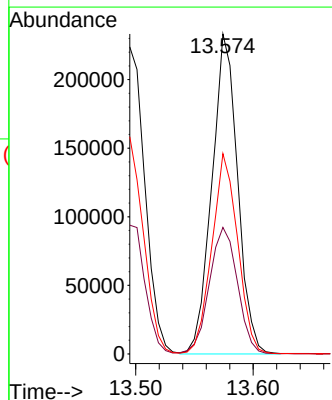
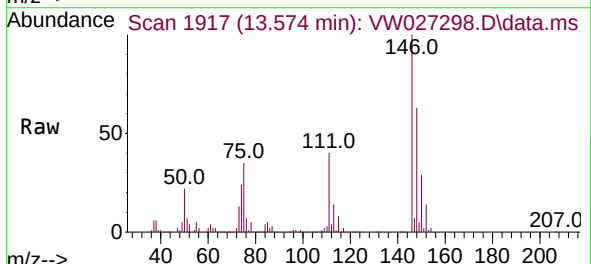
Instrument :
MSVOA_W
ClientSampleId :

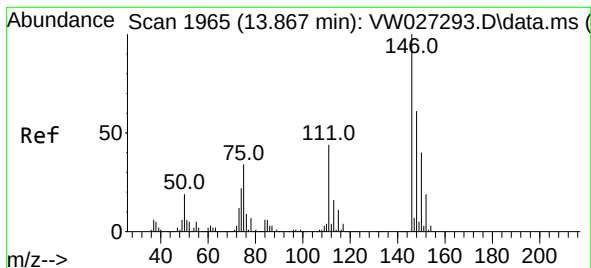
Tgt Ion:146 Resp: 356576
Ion Ratio Lower Upper
146 100
111 41.9 30.8 57.2
148 70.8 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.350 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027298.D
Acq: 12 Oct 2023 16:05

Tgt Ion:146 Resp: 355239
Ion Ratio Lower Upper
146 100
111 39.6 29.5 54.9
148 62.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.820 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

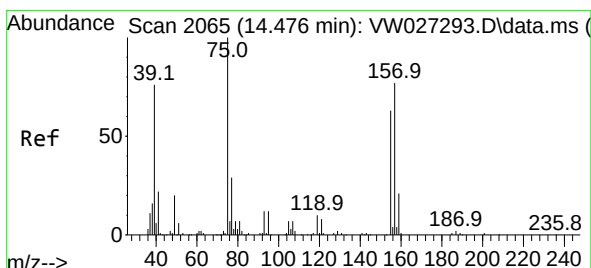
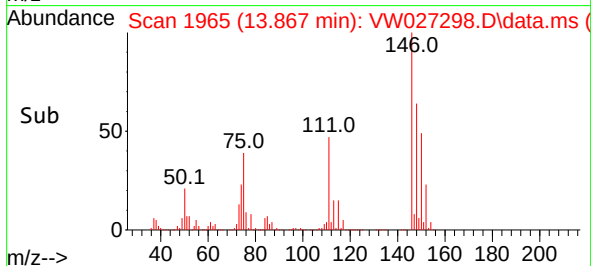
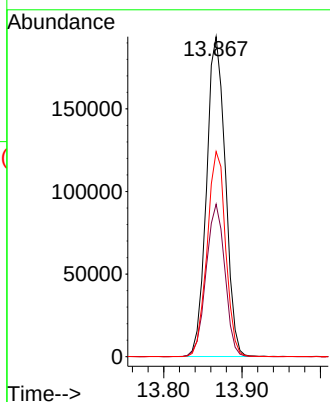
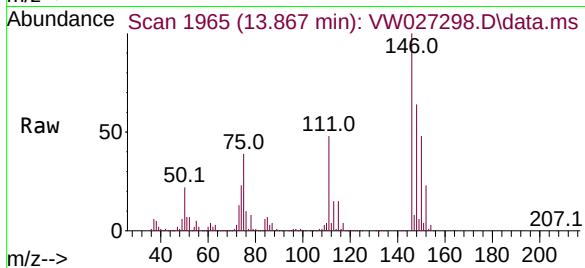
Tgt Ion:146 Resp: 321739

Ion Ratio Lower Upper

146 100

111 47.7 36.8 55.2

148 64.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.450 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

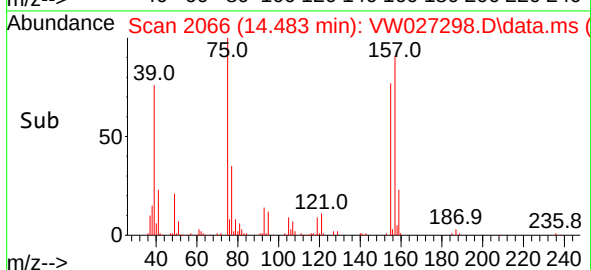
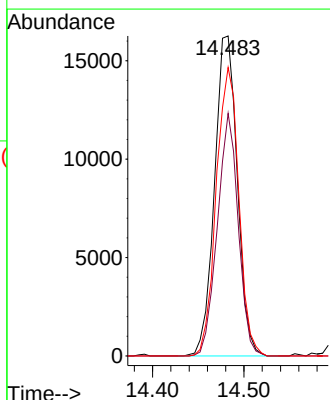
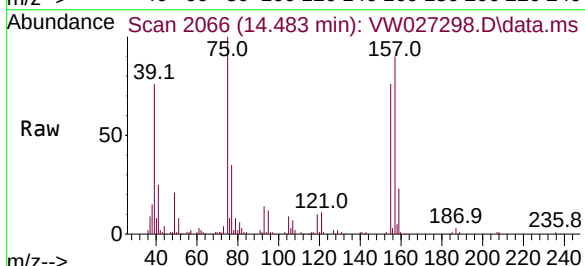
Tgt Ion: 75 Resp: 28094

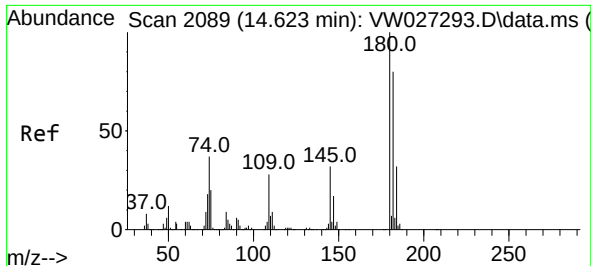
Ion Ratio Lower Upper

75 100

155 75.8 54.9 82.3

157 90.1 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 24.803 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

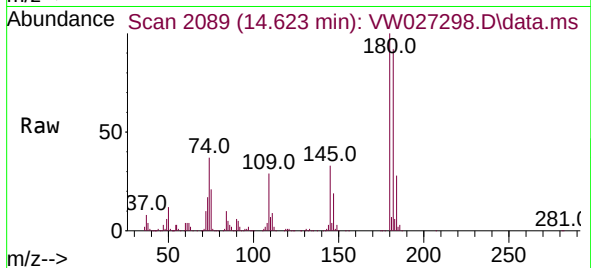
Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 235218

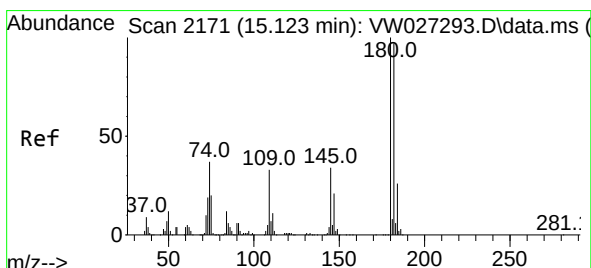
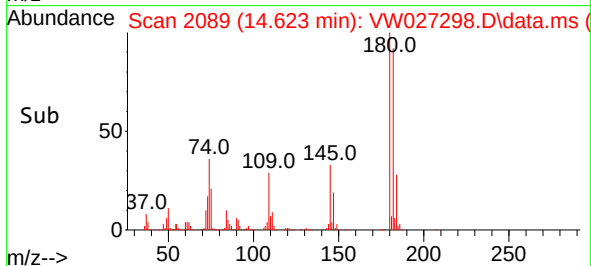
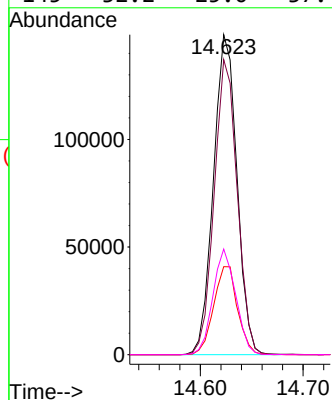
Ion Ratio Lower Upper

180 100

182 90.6 73.4 110.0

184 28.1 23.3 34.9

145 32.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.652 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

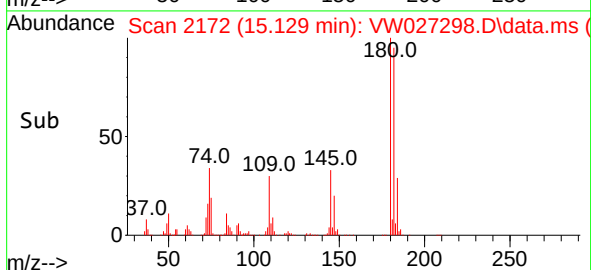
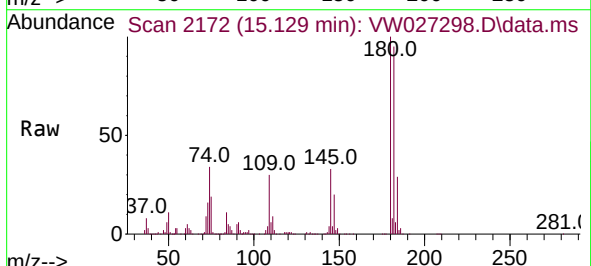
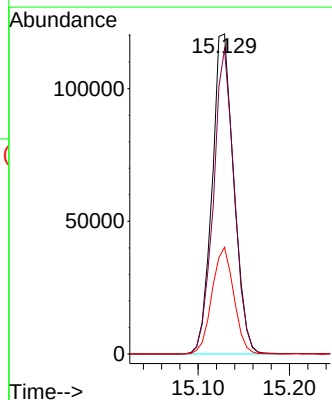
Tgt Ion:180 Resp: 198978

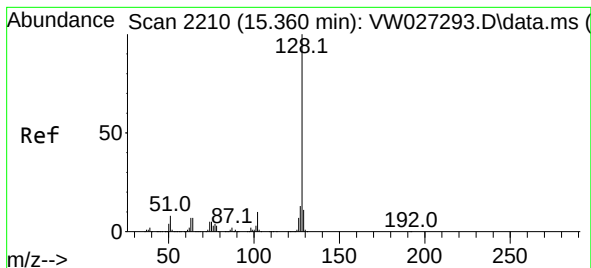
Ion Ratio Lower Upper

180 100

182 91.7 75.5 113.3

145 33.4 26.4 39.6





#71

Naphthalene

Concen: 23.596 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

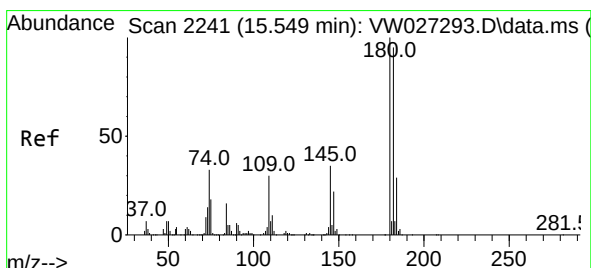
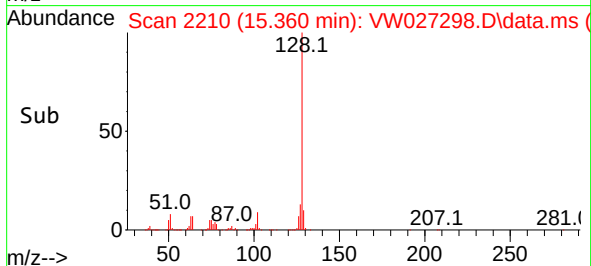
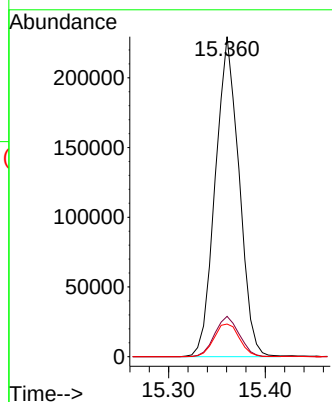
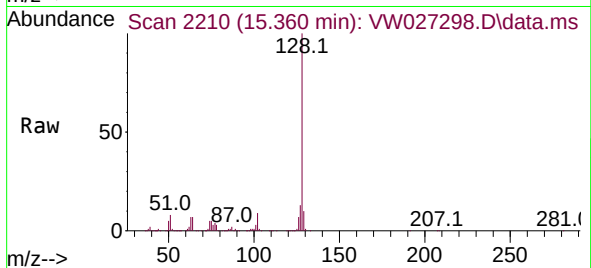
Tgt Ion:128 Resp: 391659

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.684 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027298.D

Acq: 12 Oct 2023 16:05

Tgt Ion:180 Resp: 163833

Ion Ratio Lower Upper

180 100

182 95.5 81.1 121.7

145 35.4 30.6 45.8

