

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026802.D
 Acq On : 22 Aug 2023 15:49
 Operator : SY/MD
 Sample : 04108-04MSD
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	531007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	456834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	195482	22.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
7) Chloroethane-d5	2.607	69	283	0.044	ug/L	-0.29
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.027	65	101752	23.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.800%
21) 2-Butanone-d5	7.075	46	166942	66.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.080%
24) Chloroform-d	7.648	84	476921	26.760	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.040%
26) 1,2-Dichloroethane-d4	8.307	65	287334	29.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.840%
32) Benzene-d6	8.270	84	942773	29.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.760%
36) 1,2-Dichloropropane-d6	9.270	67	290026	29.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.280%
41) Toluene-d8	10.325	98	768726	28.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.760%
43) trans-1,3-Dichloroprop...	10.575	79	130800	32.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.200%
47) 2-Hexanone-d5	10.922	63	94604	91.803	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.600%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	271894	35.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	177028	27.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	105088	14.556	ug/L #	67
3) Chloromethane	2.235	50	167544	16.971	ug/L	99
5) Vinyl chloride	2.375	62	166621	17.655	ug/L	99
6) Bromomethane	2.783	94	108686	19.767	ug/L	99
8) Chloroethane	2.930	64	102701	18.162	ug/L	99
9) Trichlorofluoromethane	3.259	101	141212	18.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	129380	15.465	ug/L	97
12) 1,1-Dichloroethene	4.051	96	163299	20.806	ug/L	89
13) Acetone	4.118	43	99709	39.970	ug/L	96
14) Carbon disulfide	4.399	76	511682	18.121	ug/L	99
15) Methyl Acetate	4.667	43	128480	25.711	ug/L	95
16) Methylene chloride	4.929	84	209681	20.413	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	186948	21.345	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	346048	26.113	ug/L	97
19) 1,1-Dichloroethane	6.216	63	382175	21.201	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209350	22.238	ug/L	96
22) 2-Butanone	7.167	43	187901	51.111	ug/L	97
23) Bromochloromethane	7.514	128	95990	23.605	ug/L	90
25) Chloroform	7.679	83	376278	21.607	ug/L	94

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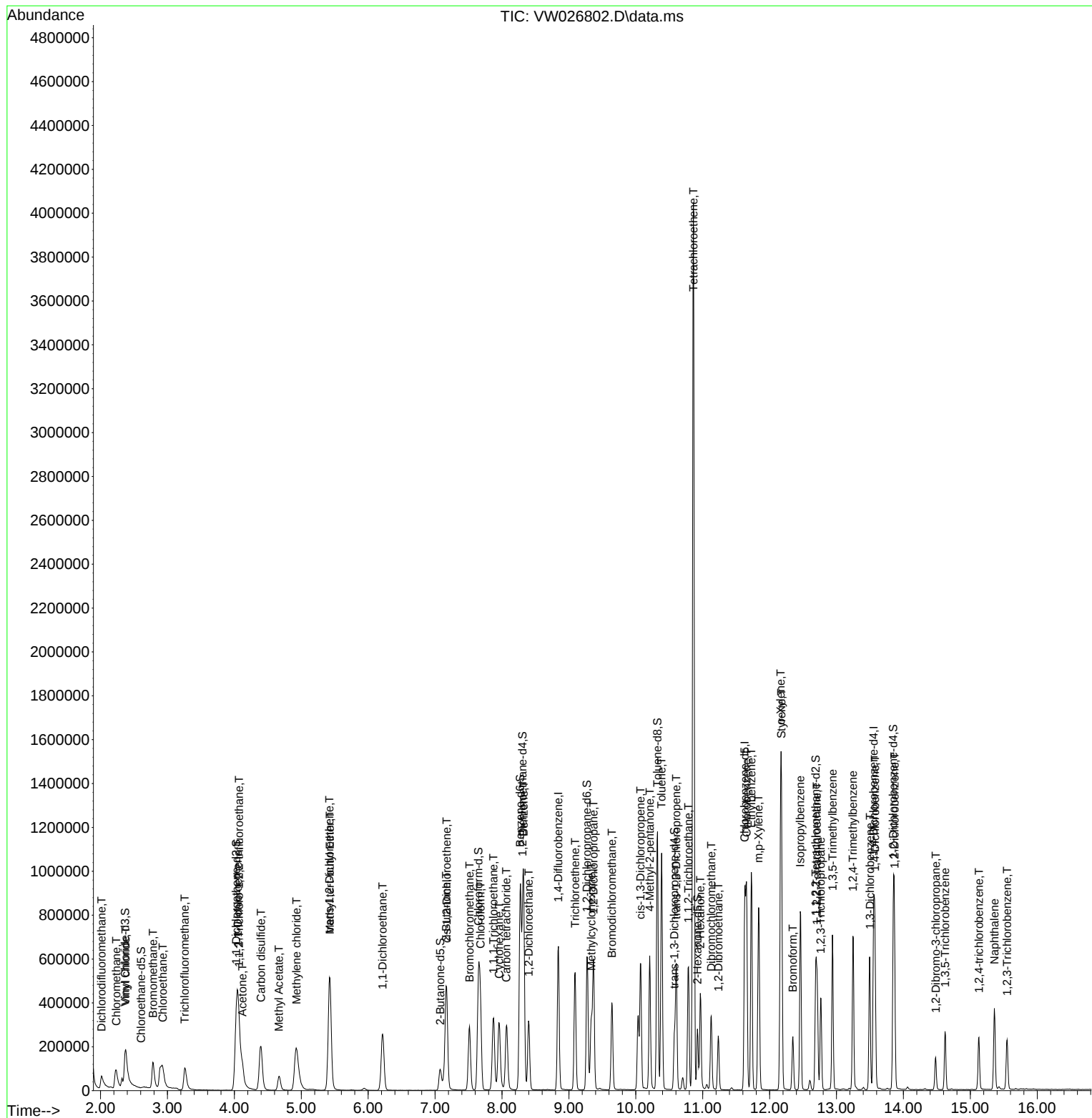
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288558	23.752	ug/L	99
29) Cyclohexane	7.959	56	181517	12.848	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	279526	23.445	ug/L	98
31) Carbon tetrachloride	8.063	117	233328	21.404	ug/L	94
33) Benzene	8.325	78	803349	24.148	ug/L	100
34) Trichloroethene	9.093	95	192262	22.691	ug/L	99
35) Methylcyclohexane	9.337	83	122128	8.426	ug/L	97
37) 1,2-Dichloropropane	9.368	63	216675	23.778	ug/L	98
38) Bromodichloromethane	9.642	83	268412	25.109	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	346798	26.455	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	396137	66.832	ug/L	97
42) Toluene	10.386	91	756963	22.493	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	315028	27.920	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	175683	28.190	ug/L	95
46) Tetrachloroethene	10.861	164	903672	146.805	ug/L	95
48) 2-Hexanone	10.965	43	280698	69.596	ug/L	96
49) Dibromochloromethane	11.129	129	179050	27.470	ug/L	87
50) 1,2-Dibromoethane	11.233	107	163704	27.996	ug/L	98
51) Chlorobenzene	11.654	112	457032	21.499	ug/L	98
52) Ethylbenzene	11.727	91	702507	18.615	ug/L	97
53) m,p-Xylene	11.837	106	257071	18.387	ug/L	93
54) o-Xylene	12.166	106	250948	19.232	ug/L	96
55) Styrene	12.178	104	490203	21.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	229846	29.122	ug/L	98
59) Bromoform	12.349	173	110849	38.788	ug/L	98
60) Isopropylbenzene	12.458	105	515373	19.001	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	176786	39.949	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356598	16.633	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	376420	17.918	ug/L	98
64) 1,3-Dichlorobenzene	13.501	146	232861	19.741	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	250272	20.330	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	233475	21.766	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	39272	36.812	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	81808	10.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	73772	10.918	ug/L	98
71) Naphthalene	15.360	128	300941	23.349	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71310	11.701	ug/L	97

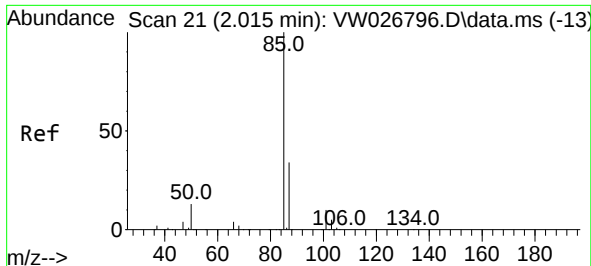
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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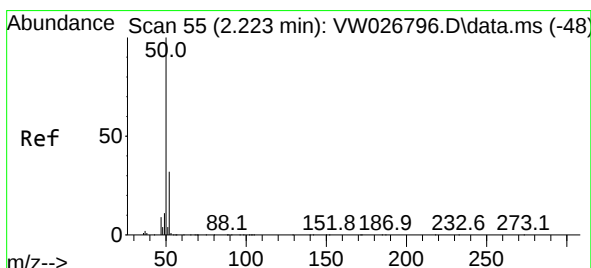
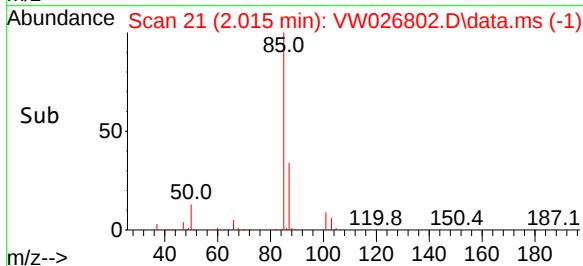
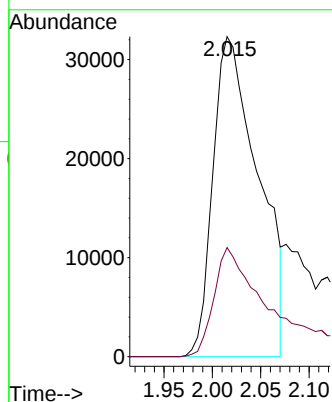
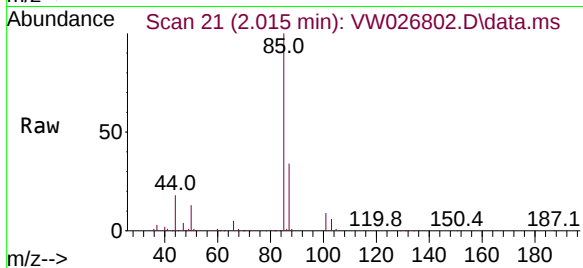




#2
 Dichlorodifluoromethane
 Concen: 14.556 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026802.D
 Acq: 22 Aug 2023 15:49

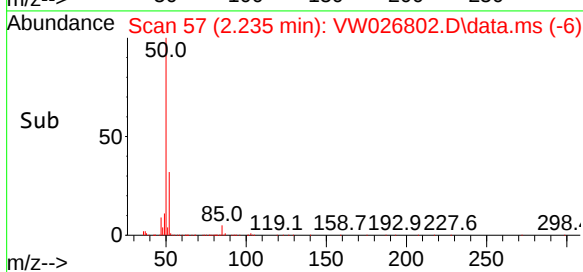
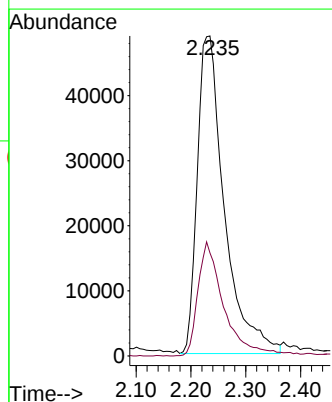
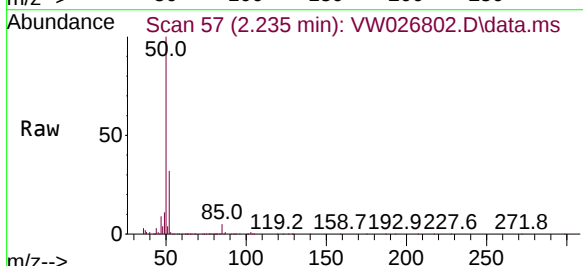
Instrument :
 MSVOA_W
 ClientSampleId :

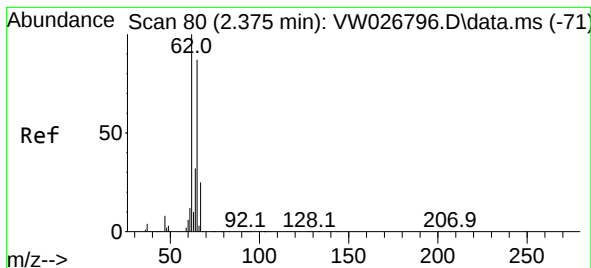
Tgt Ion: 85 Resp: 105088
 Ion Ratio Lower Upper
 85 100
 87 40.8 19.5 29.3#



#3
 Chloromethane
 Concen: 16.971 ug/L
 RT: 2.235 min Scan# 57
 Delta R.T. 0.012 min
 Lab File: VW026802.D
 Acq: 22 Aug 2023 15:49

Tgt Ion: 50 Resp: 167544
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 17.655 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

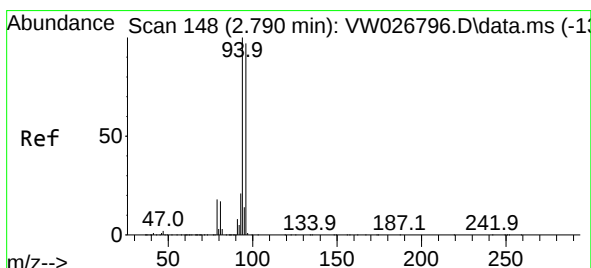
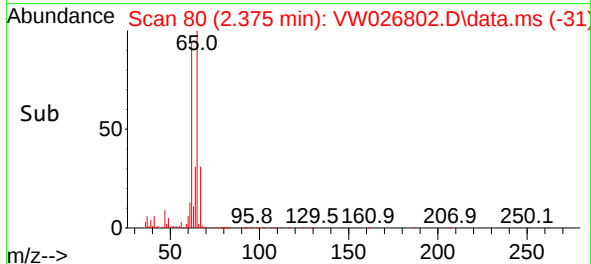
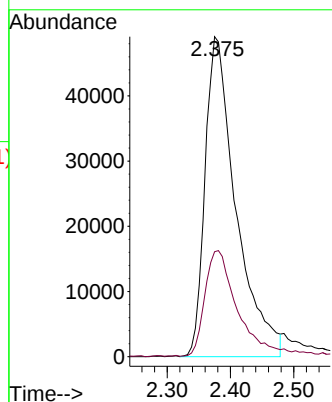
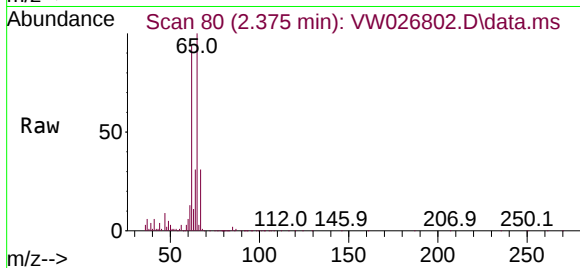
ClientSampleId :

Tgt Ion: 62 Resp: 166621

Ion Ratio Lower Upper

62 100

64 32.8 22.7 42.3



#6

Bromomethane

Concen: 19.767 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026802.D

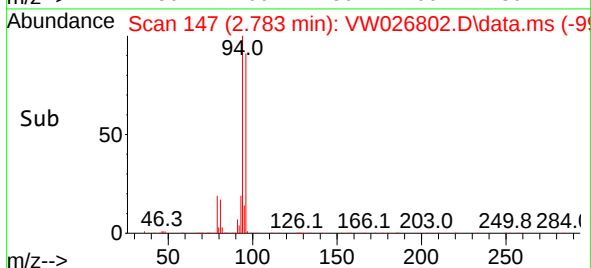
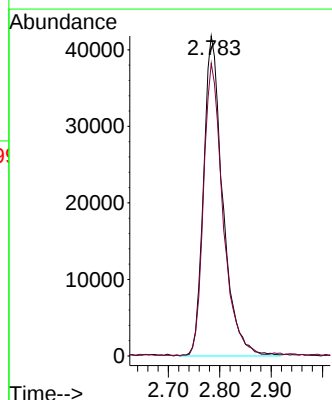
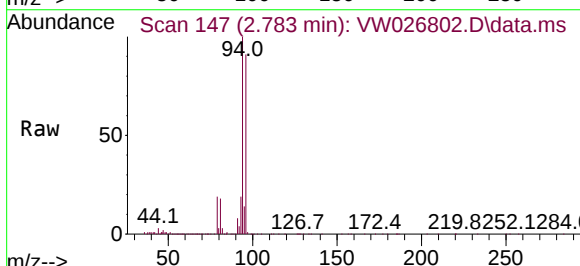
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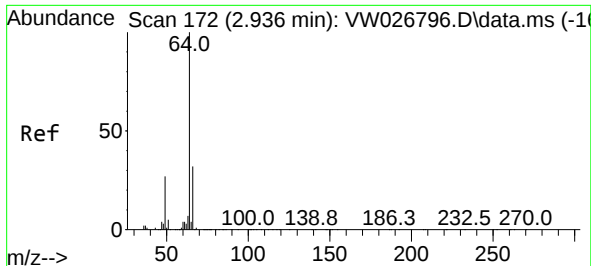
Tgt Ion: 94 Resp: 108686

Ion Ratio Lower Upper

94 100

96 91.5 64.8 120.3

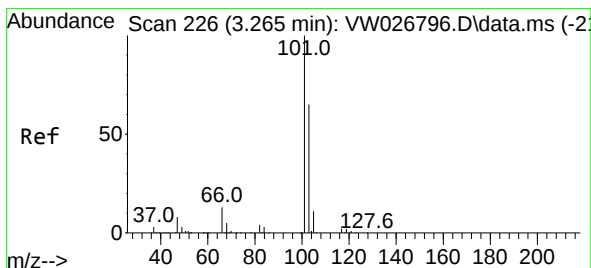
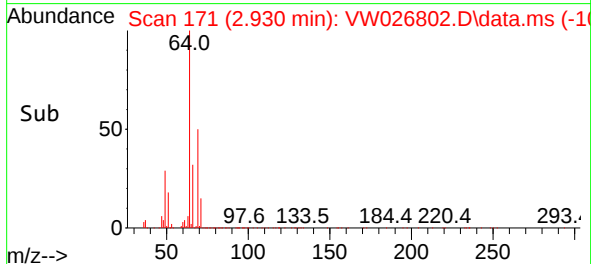
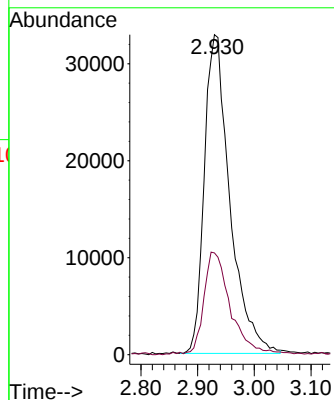
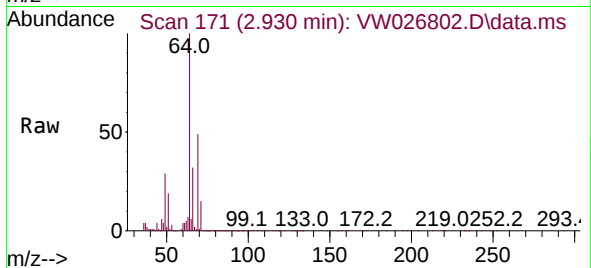




#8
Chloroethane
Concen: 18.162 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

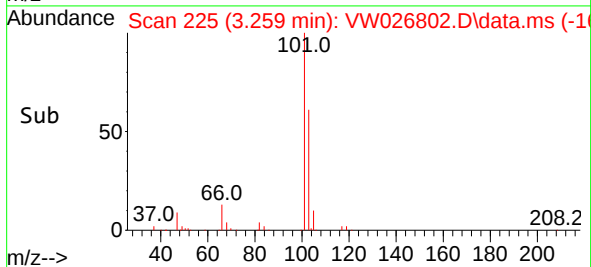
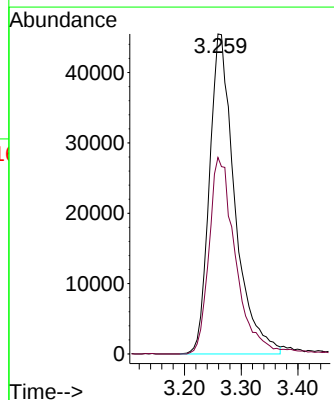
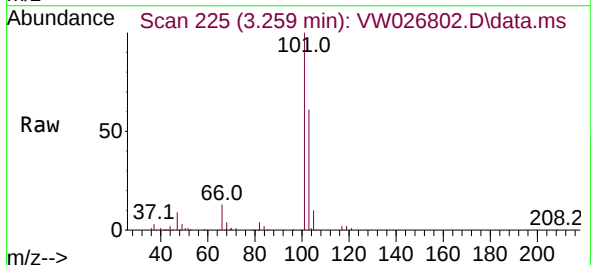
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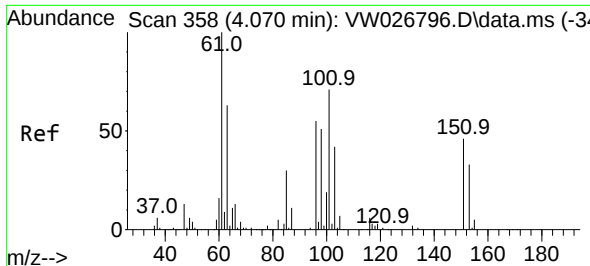
Tgt Ion: 64 Resp: 102701
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 18.233 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion: 101 Resp: 141212
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

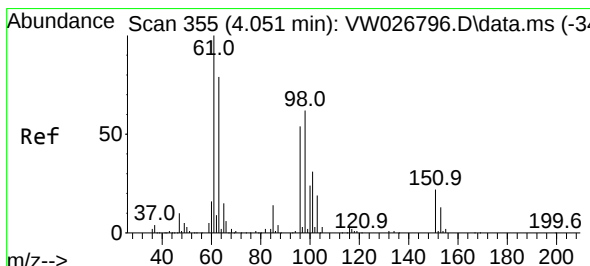
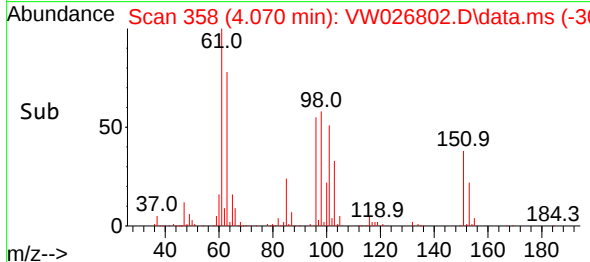
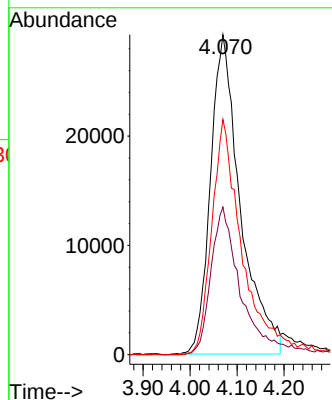
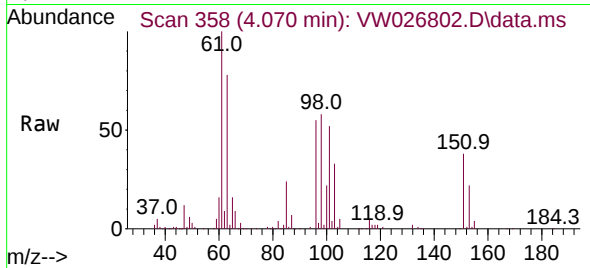




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.465 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026802.D
 Acq: 22 Aug 2023 15:49

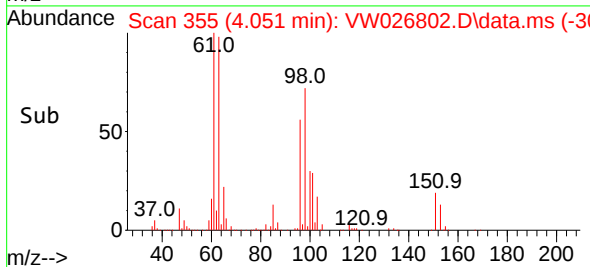
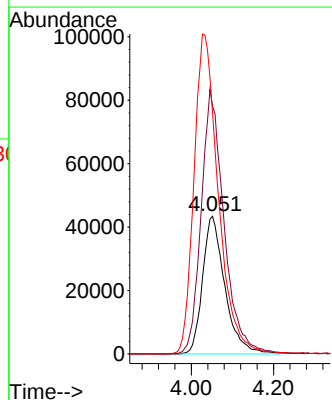
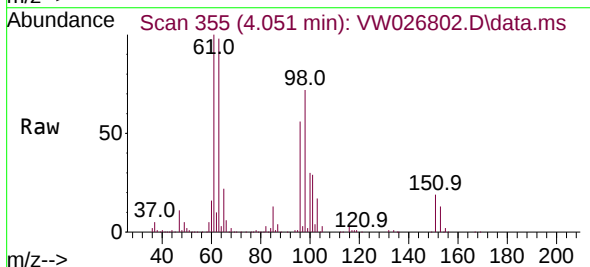
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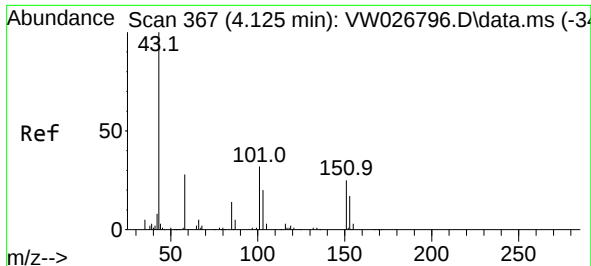
Tgt Ion:101 Resp: 129380
 Ion Ratio Lower Upper
 101 100
 85 43.7 32.8 49.2
 151 70.2 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 20.806 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW026802.D
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Tgt Ion: 96 Resp: 163299
 Ion Ratio Lower Upper
 96 100
 61 179.9 133.2 247.4
 63 175.7 109.0 202.4

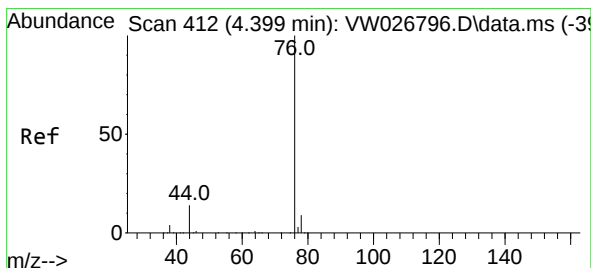
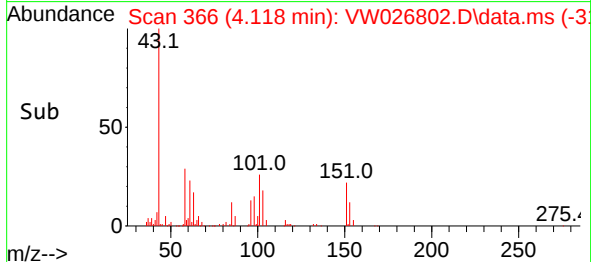
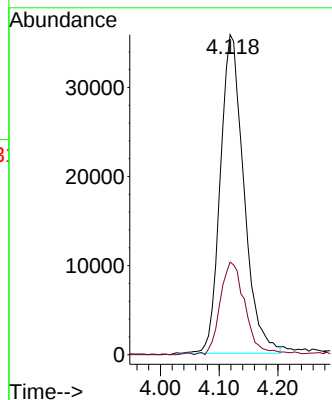
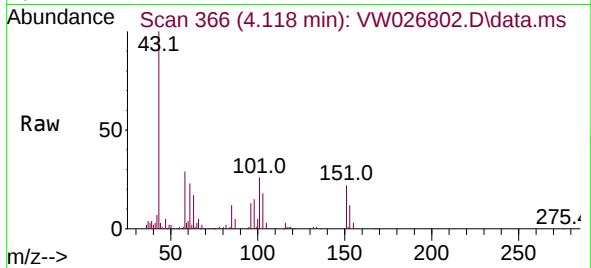




#13
Acetone
Concen: 39.970 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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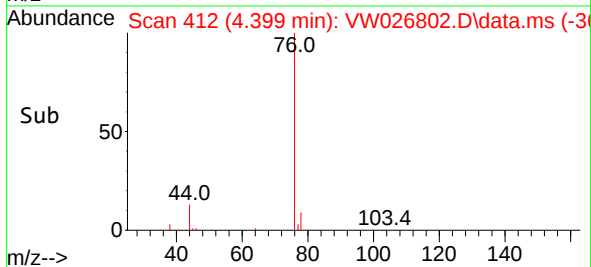
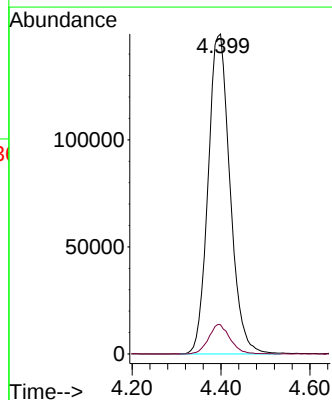
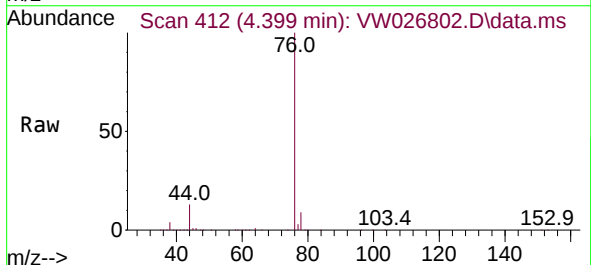
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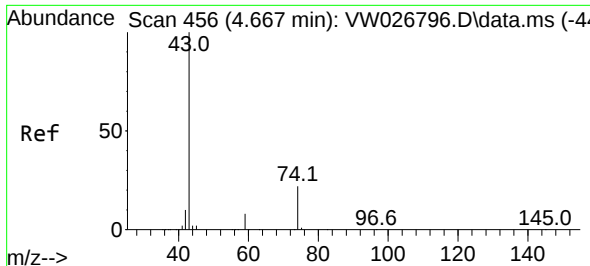
Tgt Ion: 43 Resp: 99709
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.4



#14
Carbon disulfide
Concen: 18.121 ug/L
RT: 4.399 min Scan# 412
Delta R.T. -0.000 min
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Acq: 22 Aug 2023 15:49

Tgt Ion: 76 Resp: 511682
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

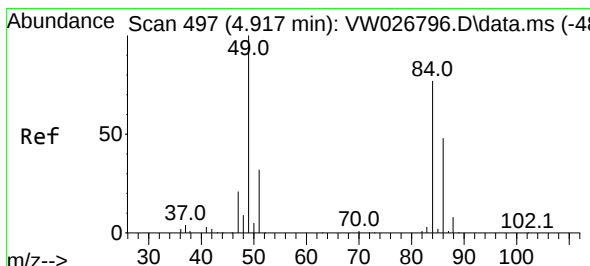
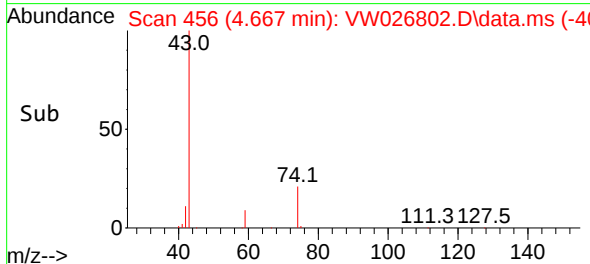
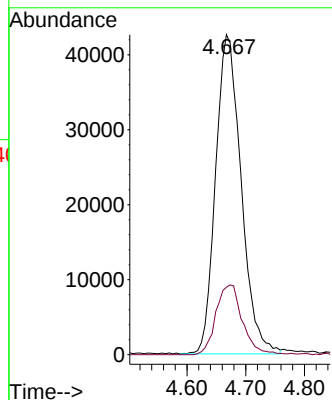
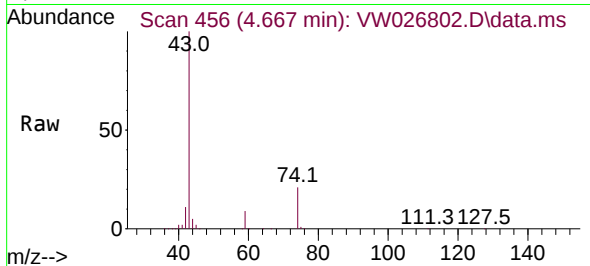




#15
Methyl Acetate
Concen: 25.711 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

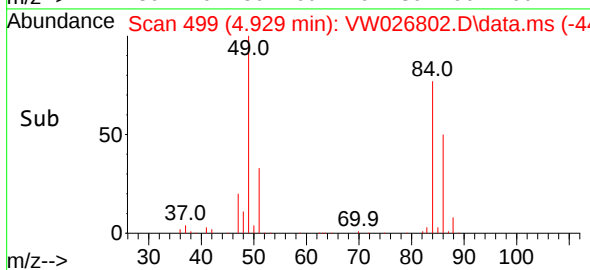
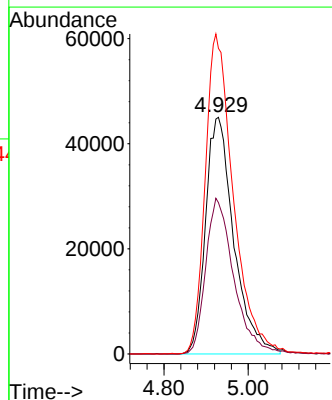
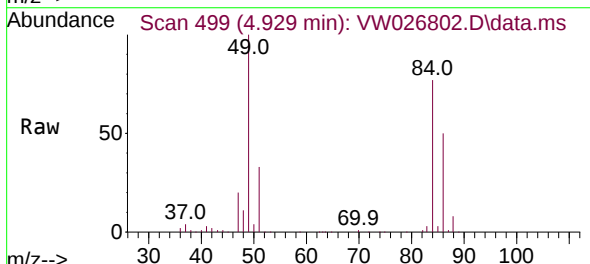
Instrument :
MSVOA_W
ClientSampleId :

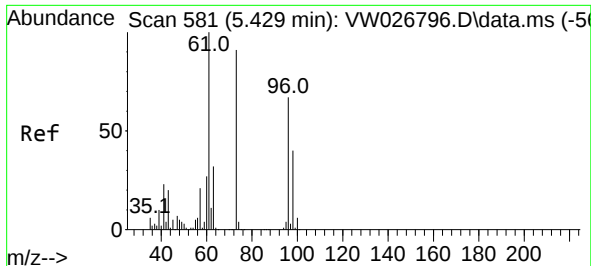
Tgt Ion: 43 Resp: 128480
Ion Ratio Lower Upper
43 100
74 22.6 16.4 24.6



#16
Methylene chloride
Concen: 20.413 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion: 84 Resp: 209681
Ion Ratio Lower Upper
84 100
86 63.9 43.5 80.9
49 129.1 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 21.345 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

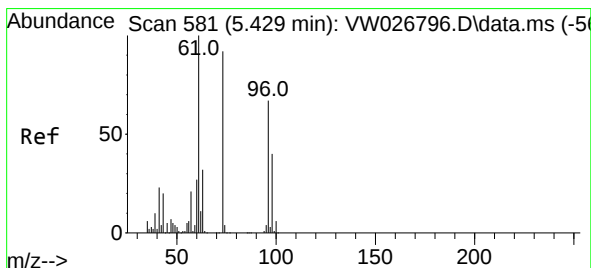
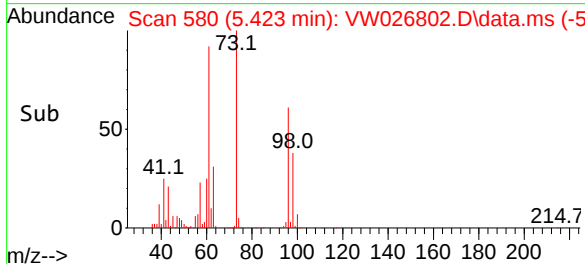
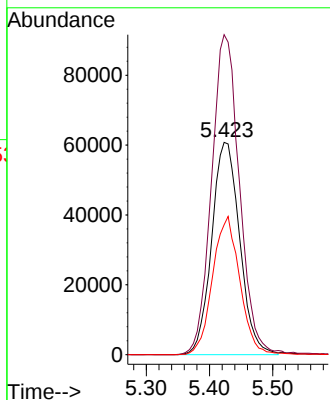
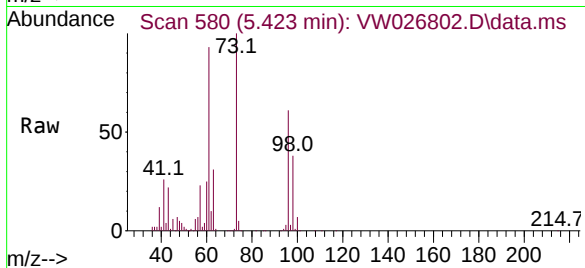
Tgt Ion: 96 Resp: 186948

Ion Ratio Lower Upper

96 100

61 150.7 109.4 203.2

98 61.1 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 26.113 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

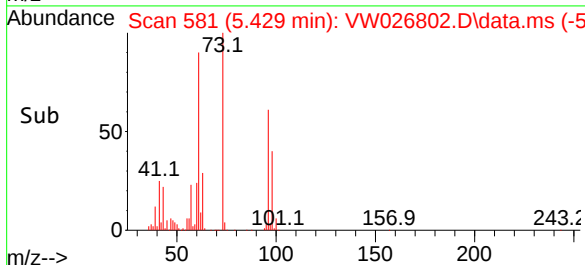
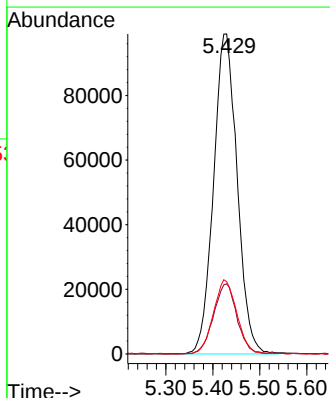
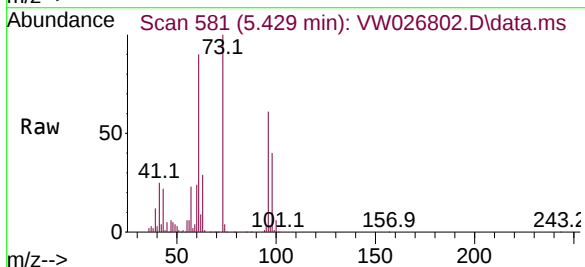
Tgt Ion: 73 Resp: 346048

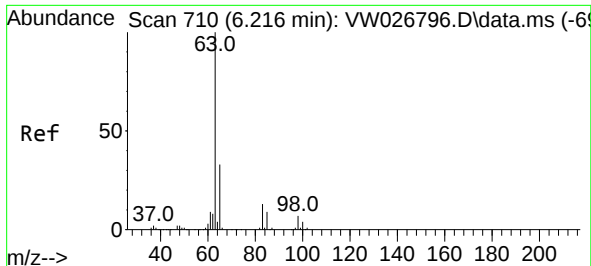
Ion Ratio Lower Upper

73 100

43 21.1 18.0 27.0

57 22.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.201 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

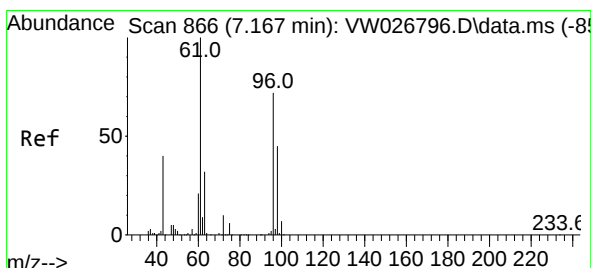
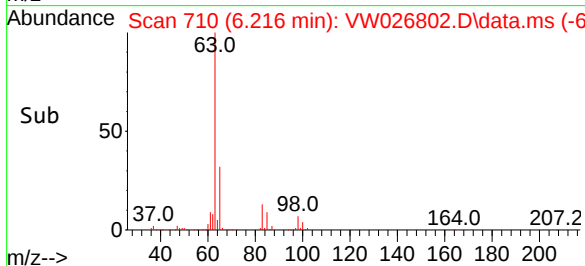
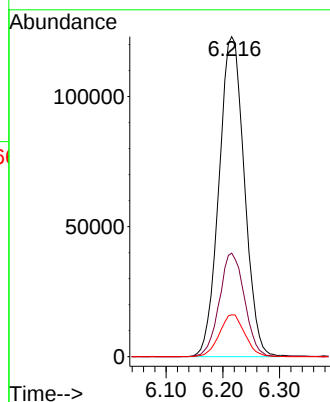
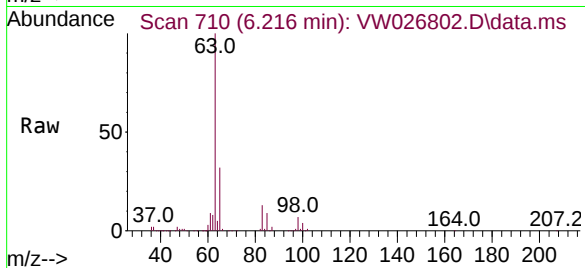
Tgt Ion: 63 Resp: 382175

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.238 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

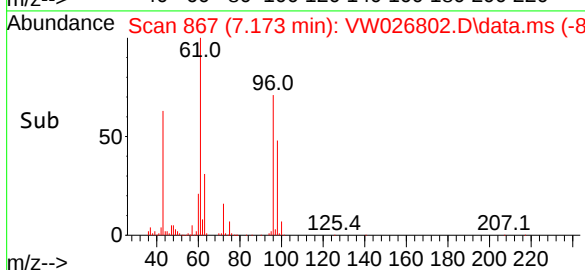
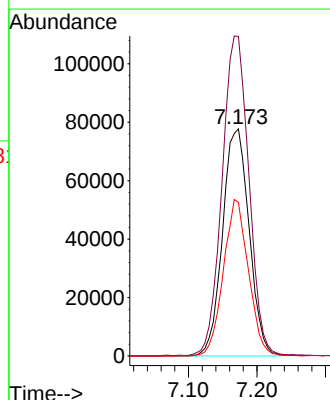
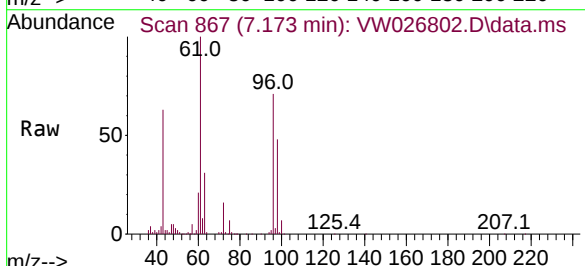
Tgt Ion: 96 Resp: 209350

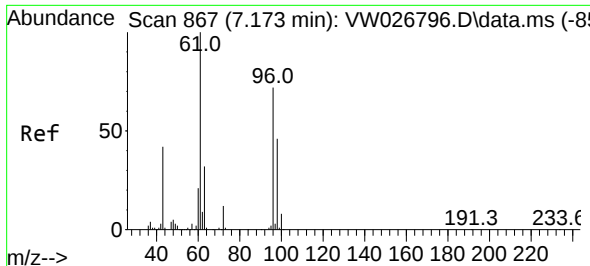
Ion Ratio Lower Upper

96 100

61 140.7 101.2 188.0

98 67.7 43.8 81.3

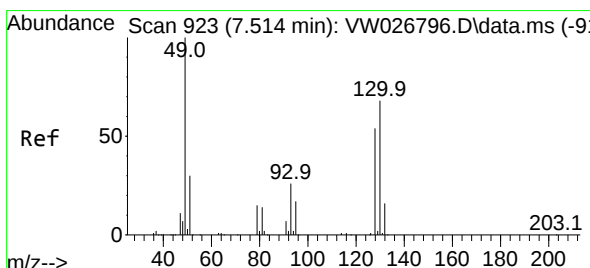
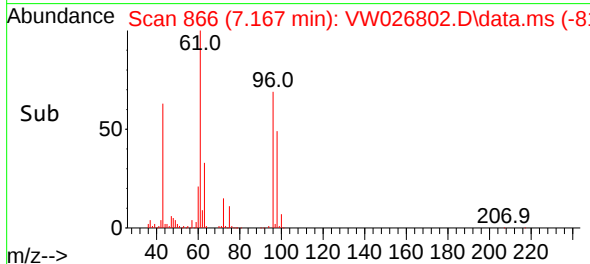
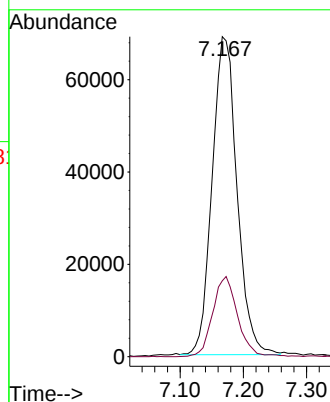
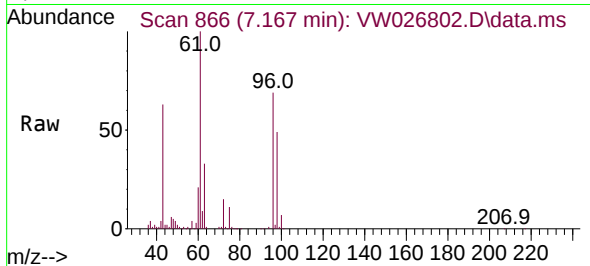




#22
2-Butanone
Concen: 51.111 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

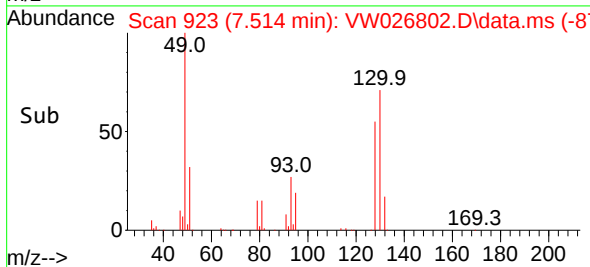
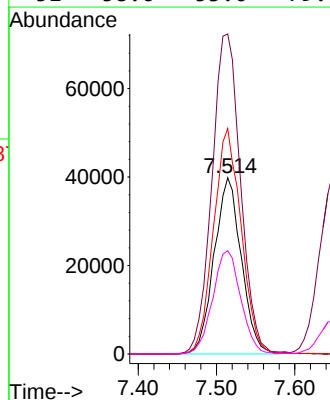
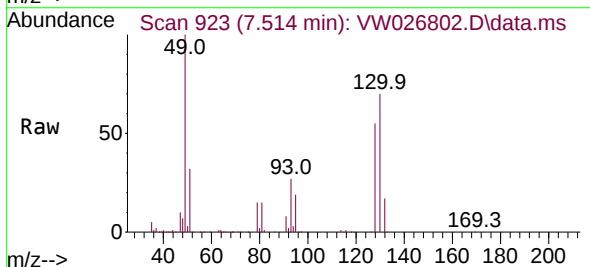
Instrument :
MSVOA_W
ClientSampleId :

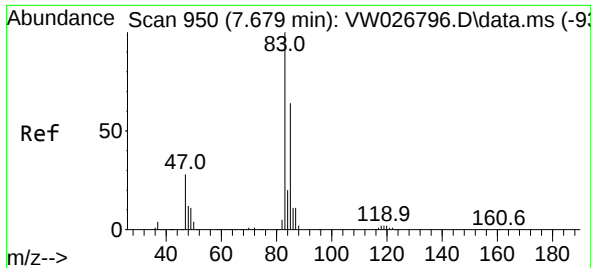
Tgt Ion: 43 Resp: 187901
Ion Ratio Lower Upper
43 100
72 24.9 11.8 35.4



#23
Bromochloromethane
Concen: 23.605 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion: 128 Resp: 95990
Ion Ratio Lower Upper
128 100
49 181.7 143.1 265.7
130 128.0 91.8 170.4
51 58.6 53.0 79.4

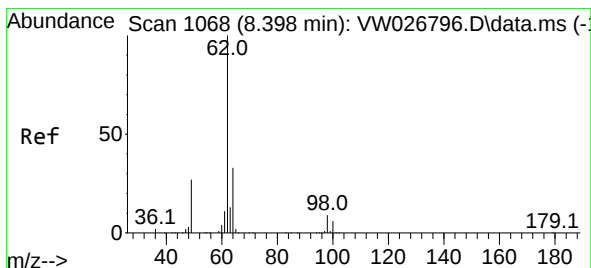
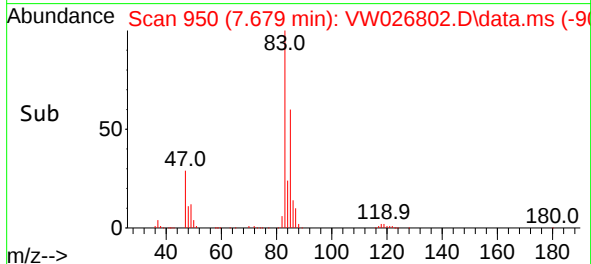
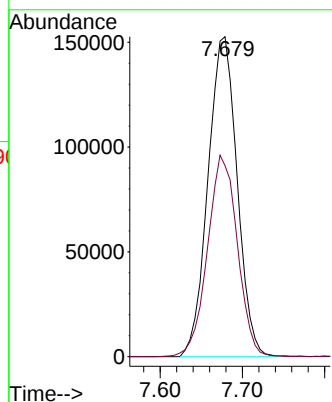
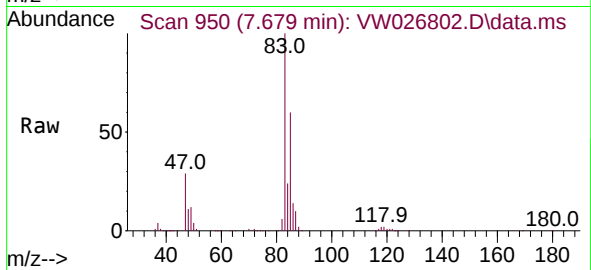




#25
Chloroform
Concen: 21.607 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

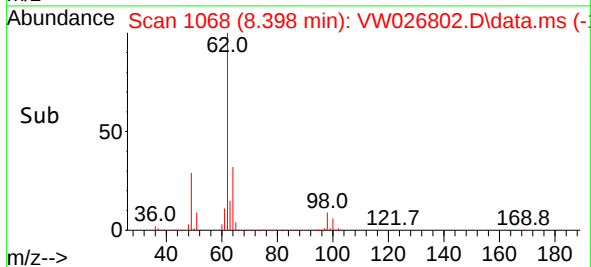
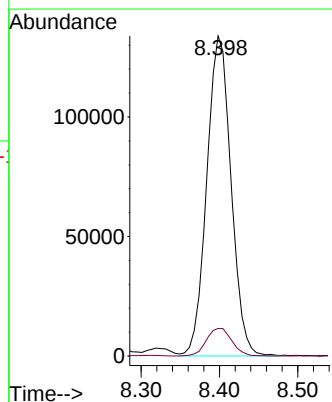
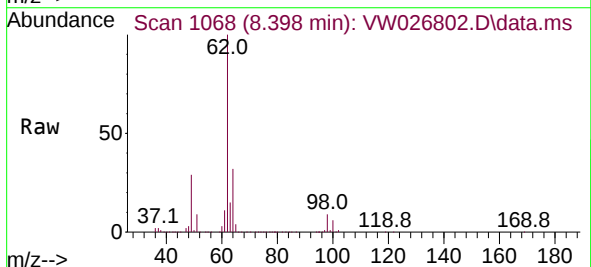
Instrument :
MSVOA_W
ClientSampleId :

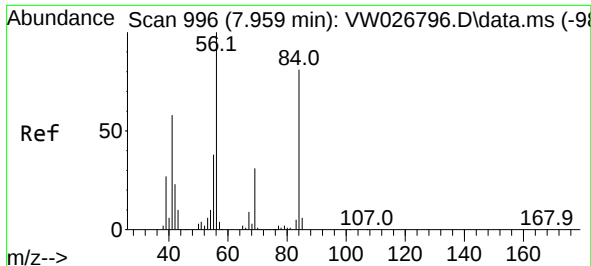
Tgt Ion: 83 Resp: 376278
Ion Ratio Lower Upper
83 100
85 59.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.752 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion: 62 Resp: 288558
Ion Ratio Lower Upper
62 100
98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 12.848 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

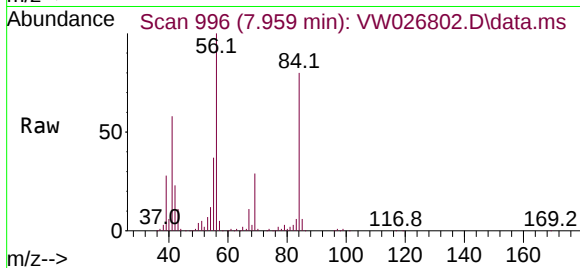
Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :



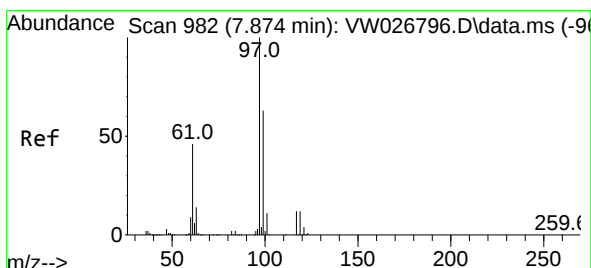
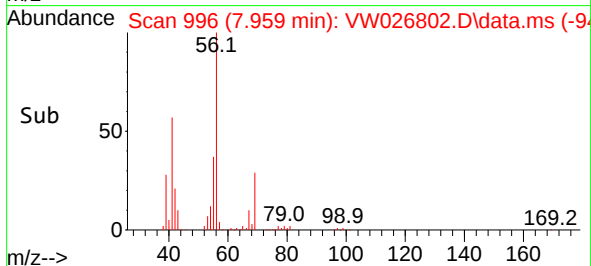
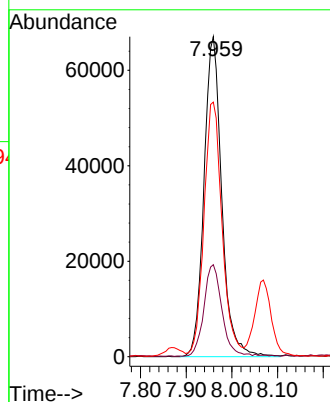
Tgt Ion: 56 Resp: 181517

Ion Ratio Lower Upper

56 100

69 28.6 23.2 34.8

84 81.1 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 23.445 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

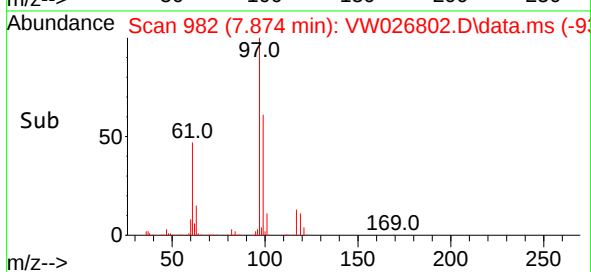
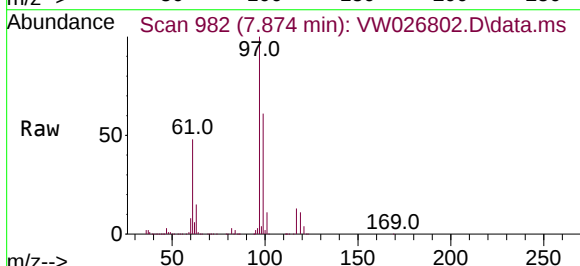
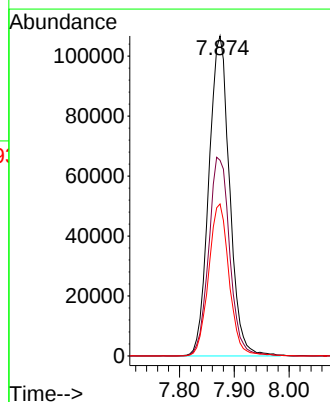
Tgt Ion: 97 Resp: 279526

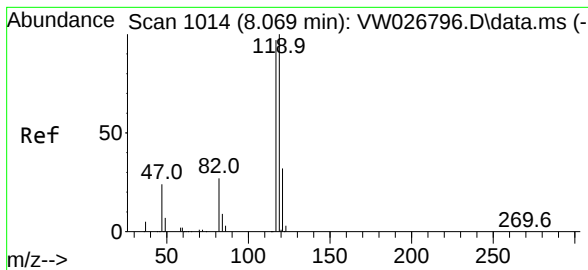
Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 47.2 39.2 58.8

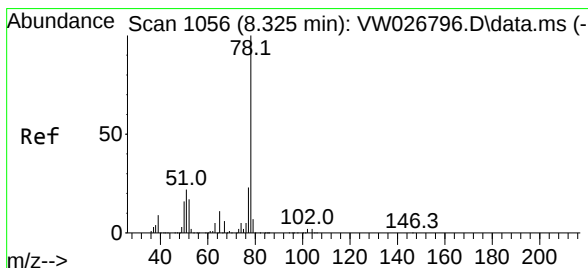
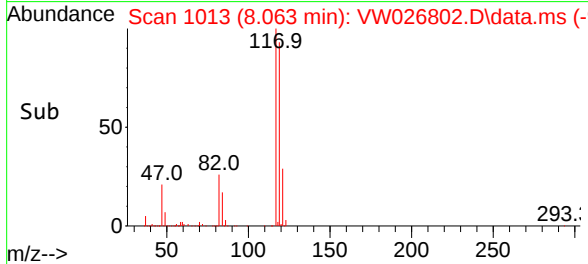
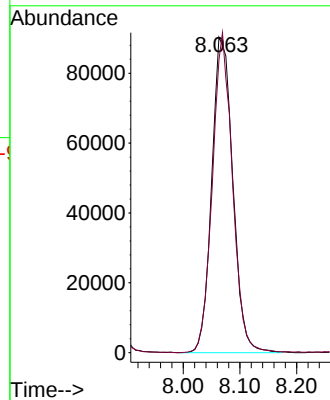
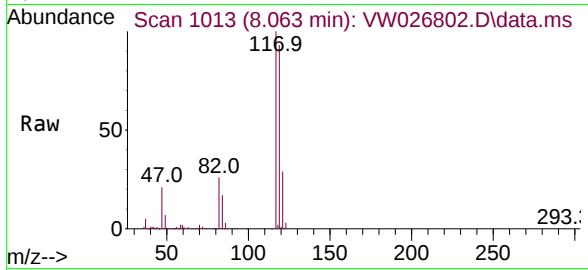




#31
Carbon tetrachloride
Concen: 21.404 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

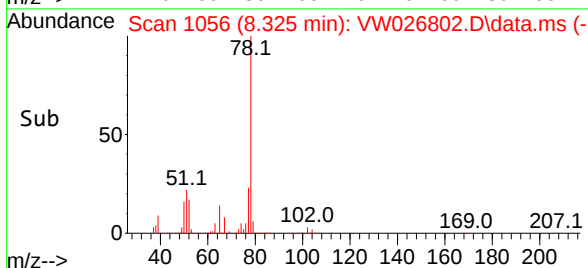
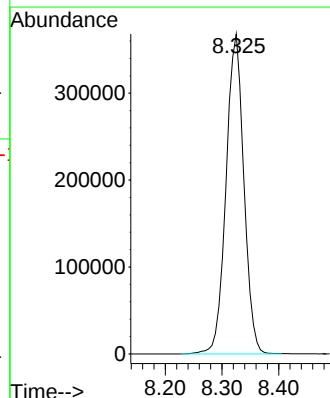
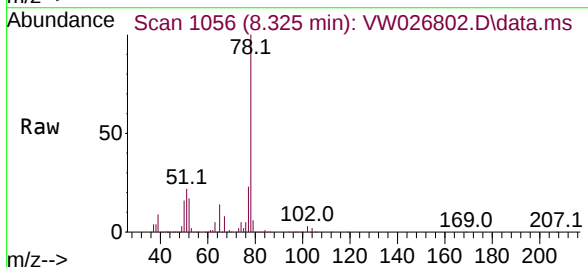
Instrument :
MSVOA_W
ClientSampleId :

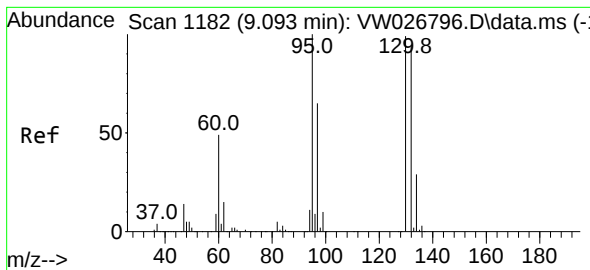
Tgt Ion:117 Resp: 233328
Ion Ratio Lower Upper
117 100
119 96.6 73.0 109.4



#33
Benzene
Concen: 24.148 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion: 78 Resp: 803349





#34

Trichloroethene

Concen: 22.691 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 192262

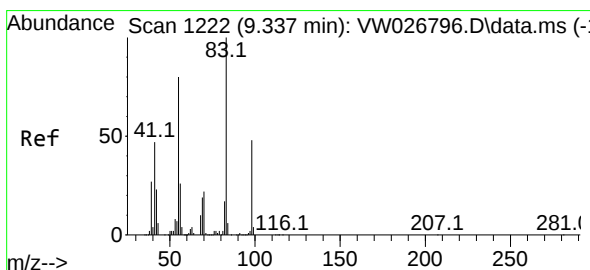
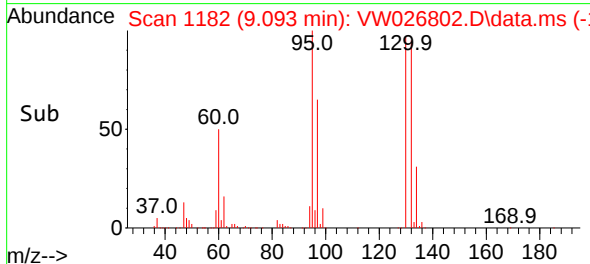
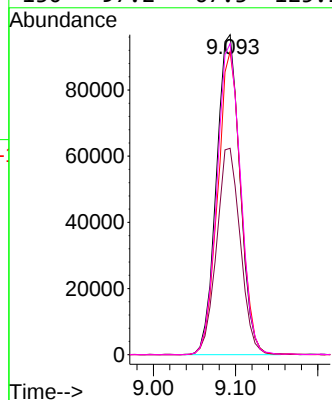
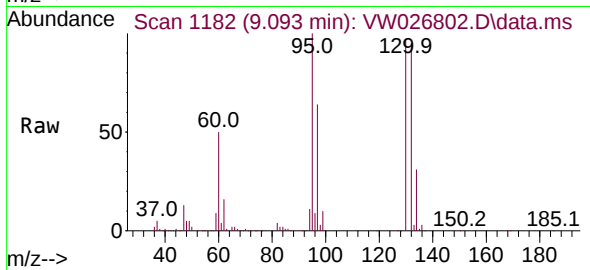
Ion Ratio Lower Upper

95 100

97 64.5 44.6 82.8

132 94.7 66.4 123.2

130 97.2 67.3 125.1



#35

Methylcyclohexane

Concen: 8.426 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

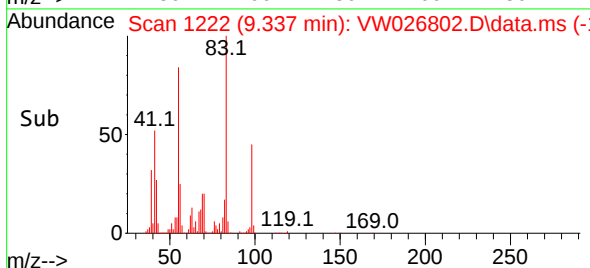
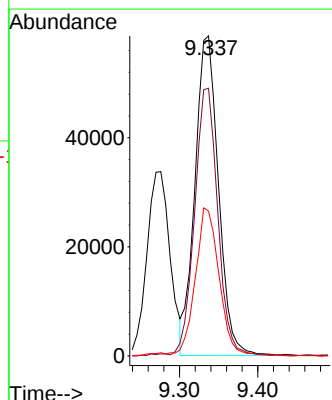
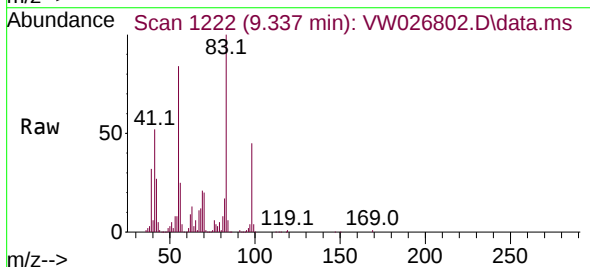
Tgt Ion: 83 Resp: 122128

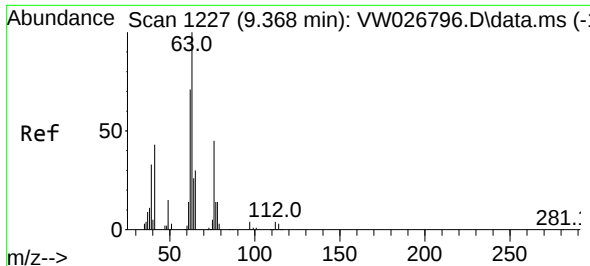
Ion Ratio Lower Upper

83 100

55 82.2 69.3 103.9

98 46.8 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.778 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

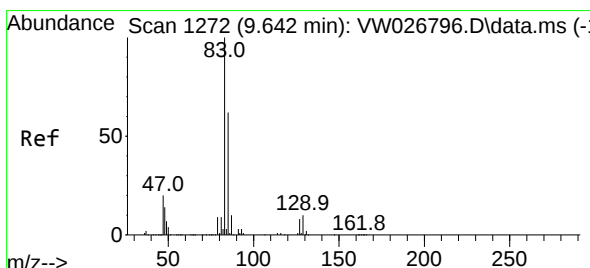
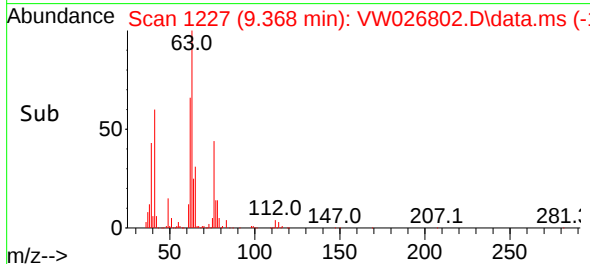
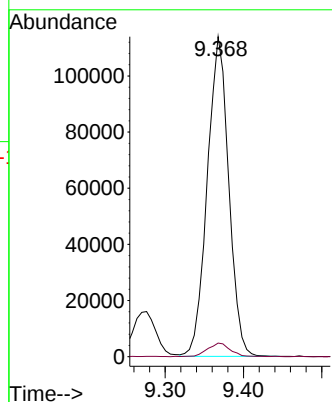
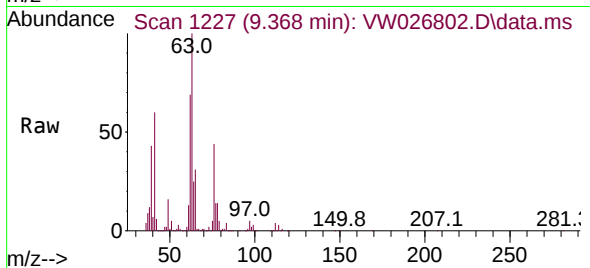
ClientSampleId :

Tgt Ion: 63 Resp: 216675

Ion Ratio Lower Upper

63 100

112 4.6 3.1 4.7



#38

Bromodichloromethane

Concen: 25.109 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

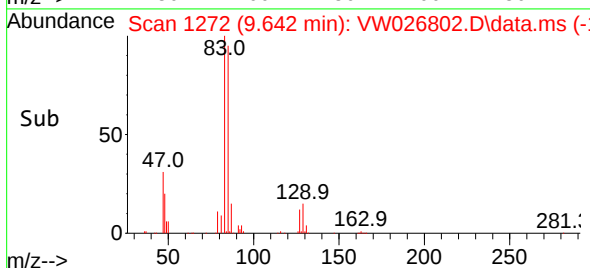
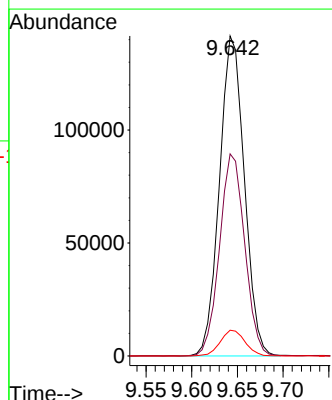
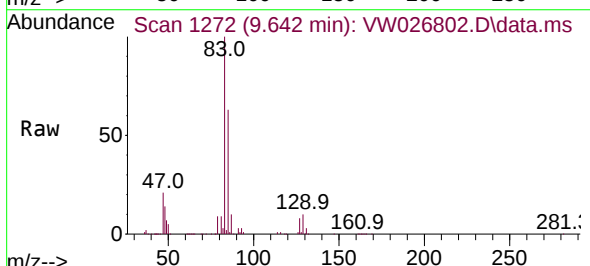
Tgt Ion: 83 Resp: 268412

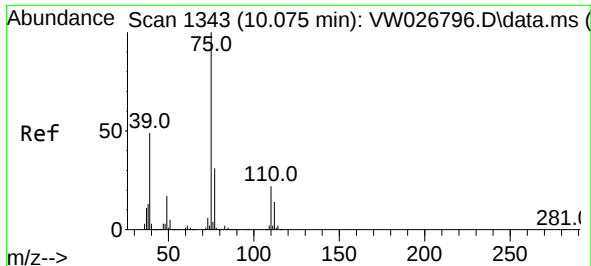
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.2

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 26.455 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

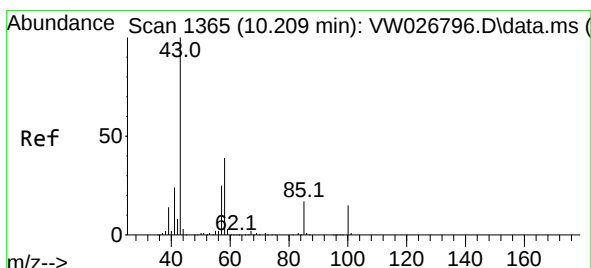
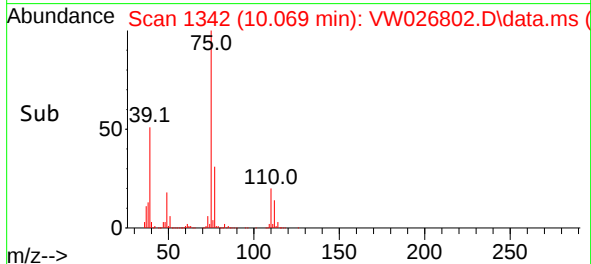
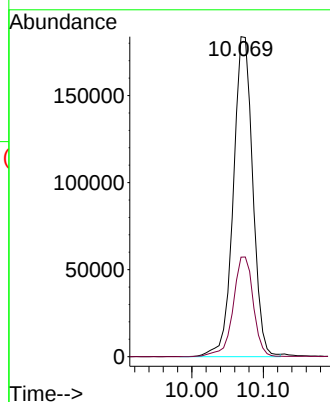
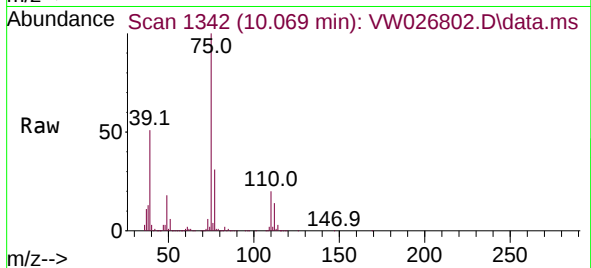
ClientSampleId :

Tgt Ion: 75 Resp: 346798

Ion Ratio Lower Upper

75 100

77 31.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 66.832 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

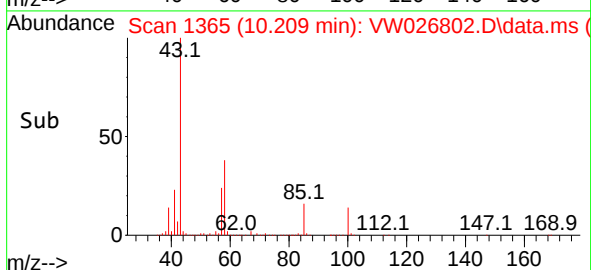
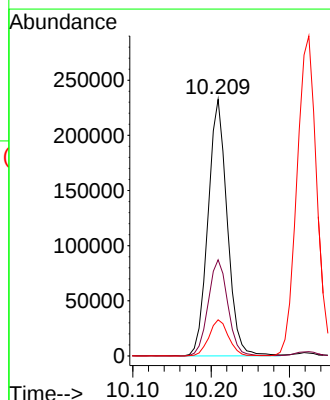
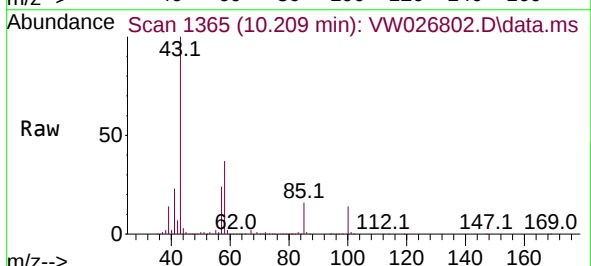
Tgt Ion: 43 Resp: 396137

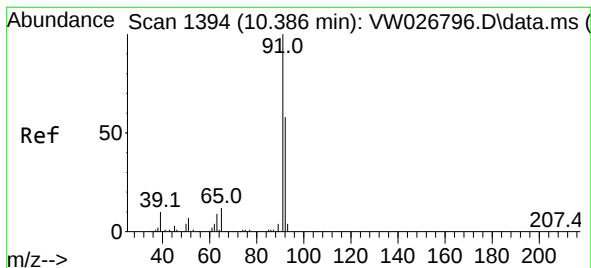
Ion Ratio Lower Upper

43 100

58 38.4 29.2 43.8

100 14.4 10.7 16.1





#42

Toluene

Concen: 22.493 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

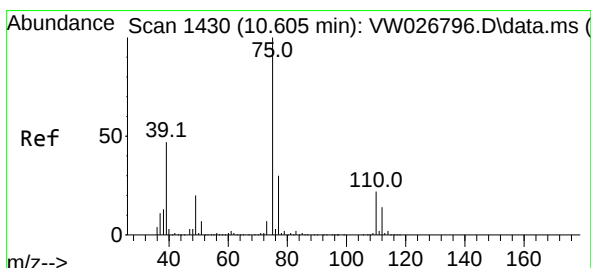
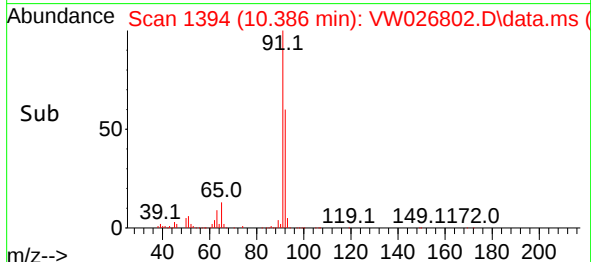
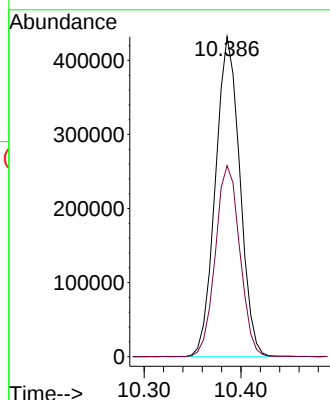
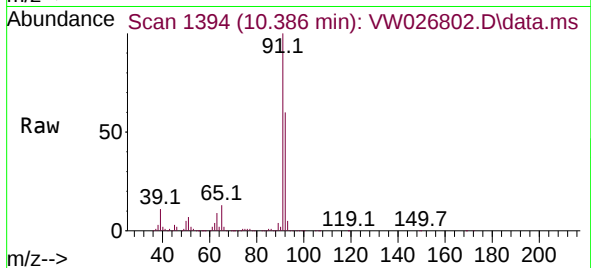
ClientSampleId :

Tgt Ion: 91 Resp: 756963

Ion Ratio Lower Upper

91 100

92 59.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 27.920 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026802.D

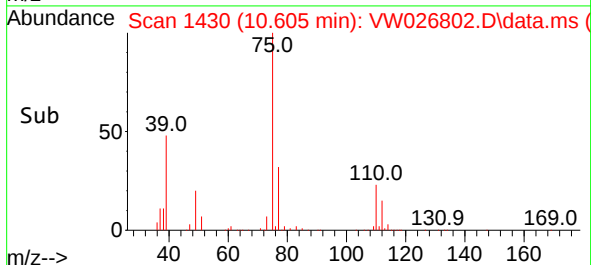
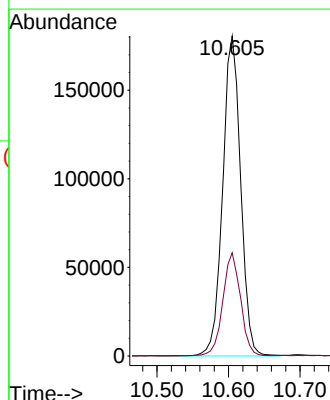
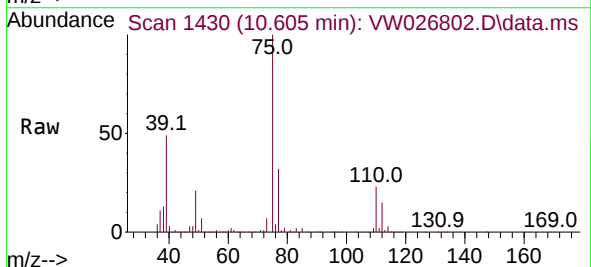
Acq: 22 Aug 2023 15:49

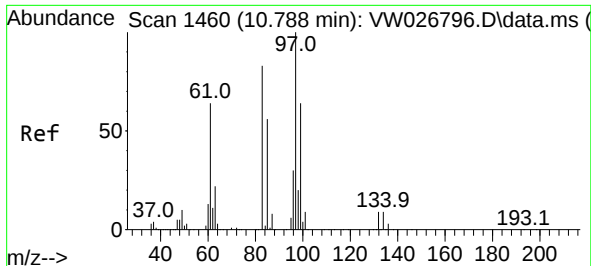
Tgt Ion: 75 Resp: 315028

Ion Ratio Lower Upper

75 100

77 32.3 21.2 39.4

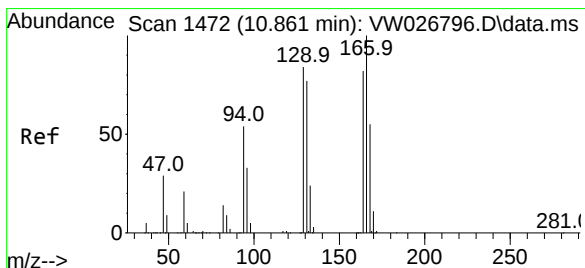
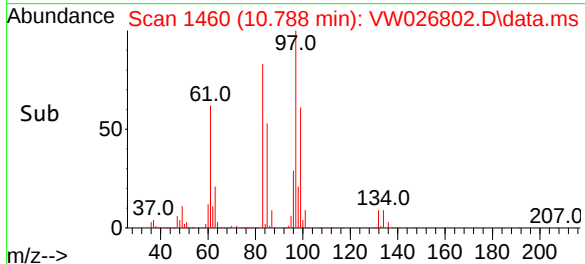
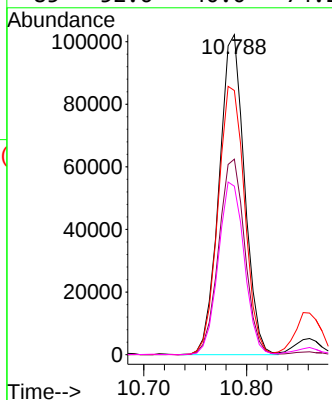
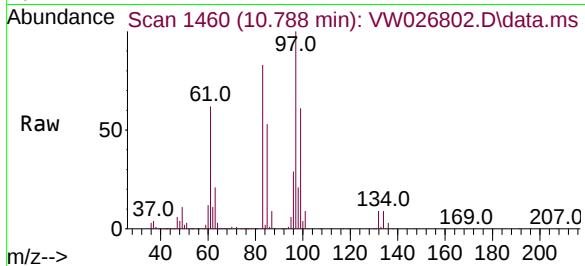




#45
1,1,2-Trichloroethane
Concen: 28.190 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

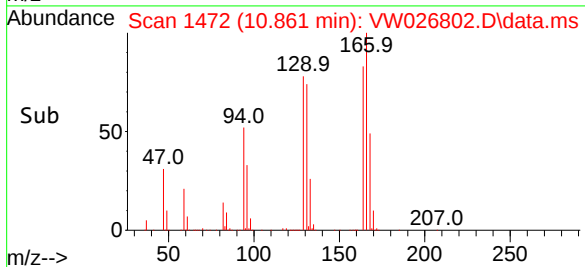
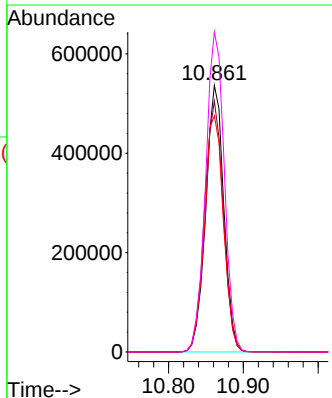
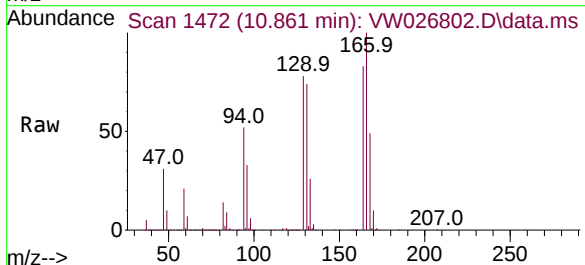
Instrument :
MSVOA_W
ClientSampleId :

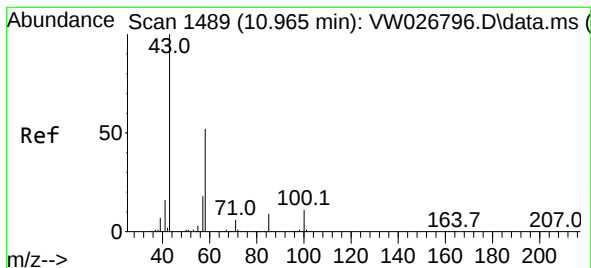
Tgt Ion:	97	Resp:	175683
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.2	82.0
83	82.6	61.9	114.9
85	52.6	40.0	74.2



#46
Tetrachloroethene
Concen: 146.805 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

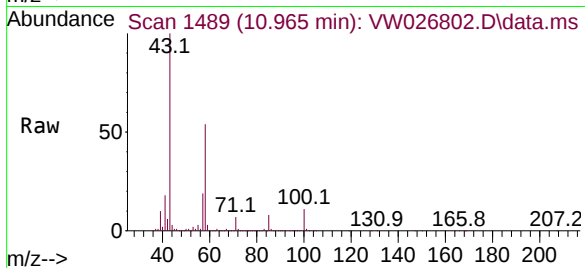
Tgt Ion:	164	Resp:	903672
Ion	Ratio	Lower	Upper
164	100		
129	94.1	68.1	126.5
131	88.6	65.5	121.7
166	120.0	89.1	165.5



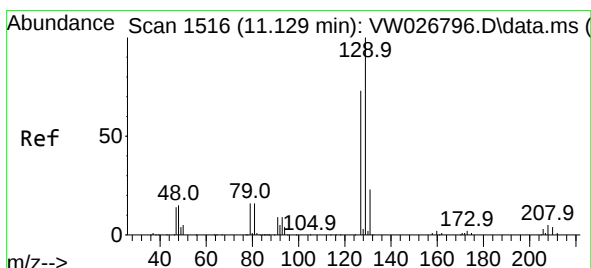
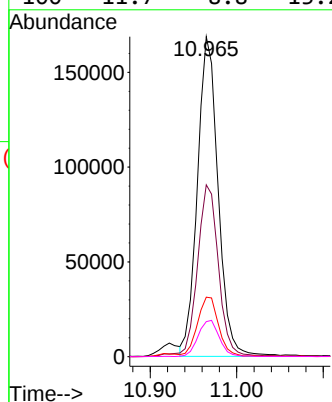
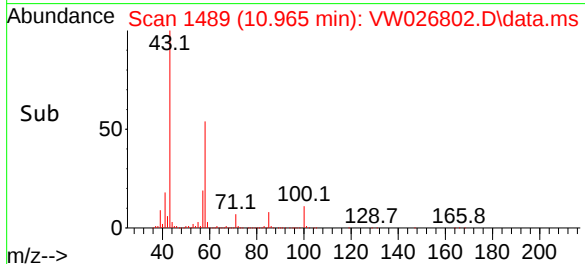


#48
2-Hexanone
Concen: 69.596 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

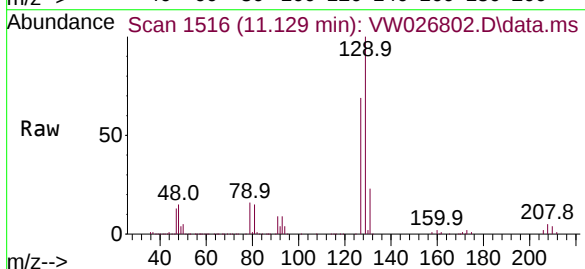
Instrument :
MSVOA_W
ClientSampleId :



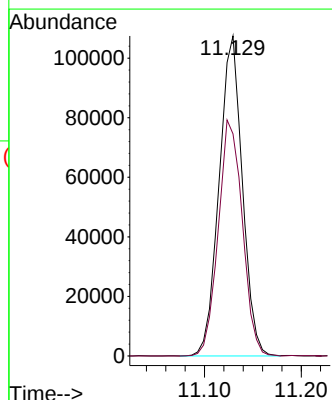
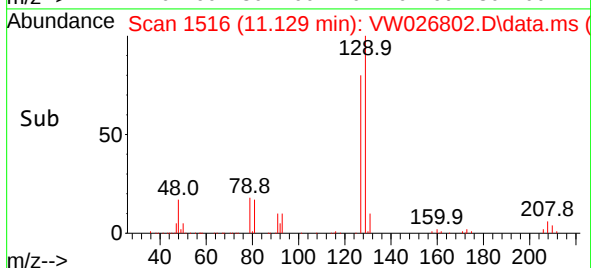
Tgt Ion: 43 Resp: 280698
Ion Ratio Lower Upper
43 100
58 54.8 41.1 61.7
57 18.9 14.3 21.5
100 11.7 8.8 13.2

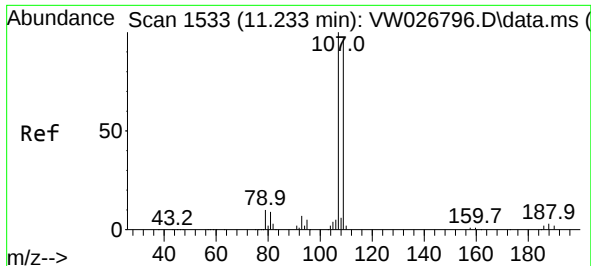


#49
Dibromochloromethane
Concen: 27.470 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49



Tgt Ion: 129 Resp: 179050
Ion Ratio Lower Upper
129 100
127 69.4 56.6 105.2





#50

1,2-Dibromoethane

Concen: 27.996 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

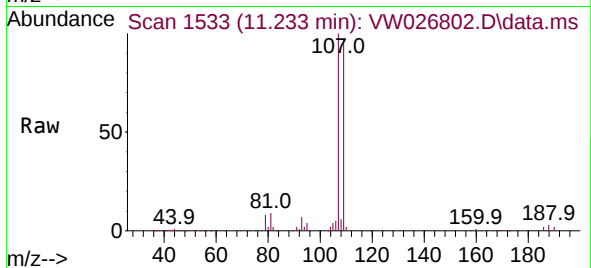
Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :



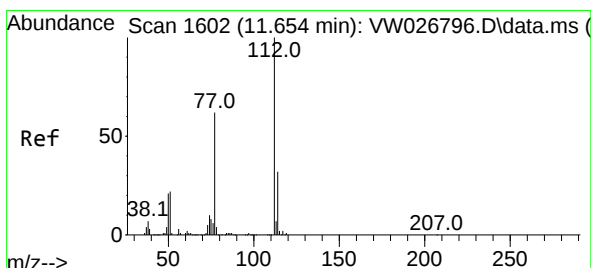
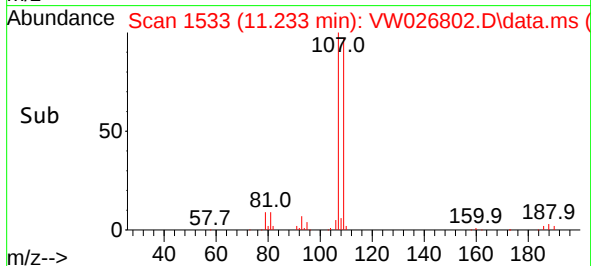
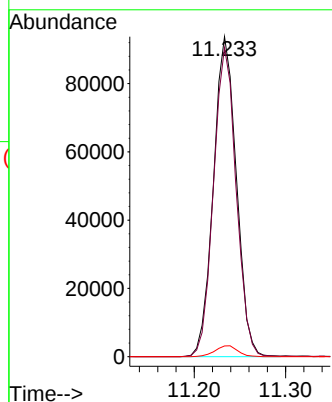
Tgt Ion:107 Resp: 163704

Ion Ratio Lower Upper

107 100

109 96.6 68.8 127.8

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 21.499 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

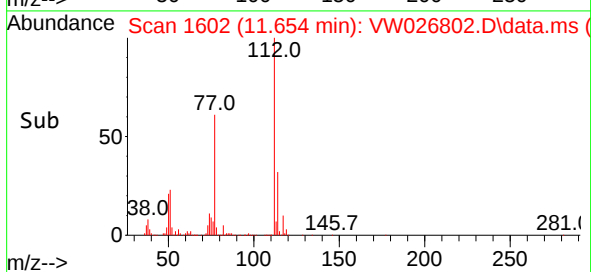
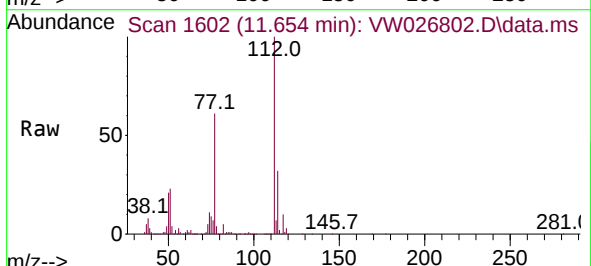
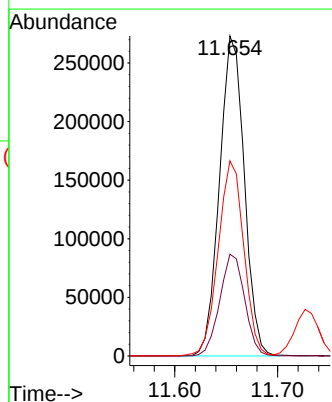
Tgt Ion:112 Resp: 457032

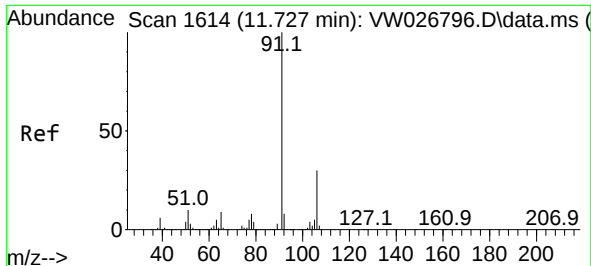
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 61.0 50.2 75.2

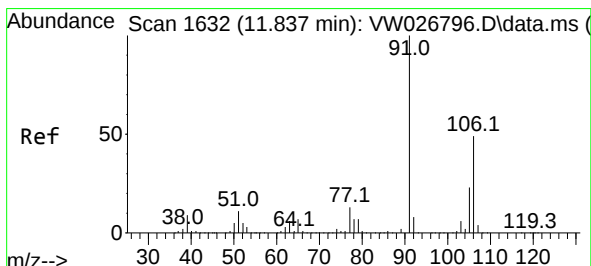
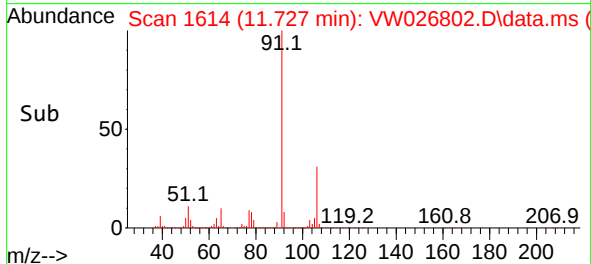
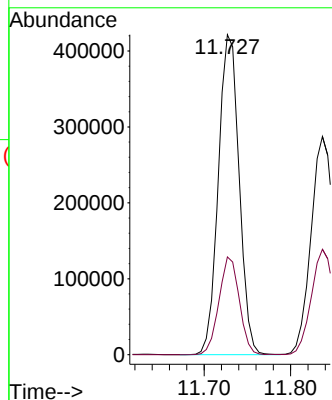
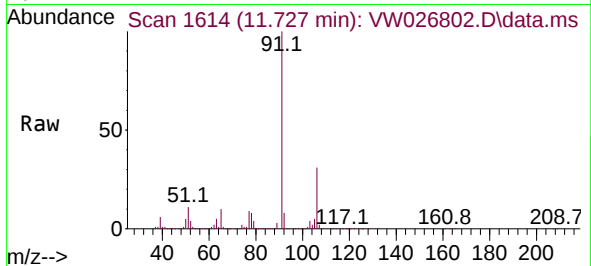




#52
Ethylbenzene
Concen: 18.615 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

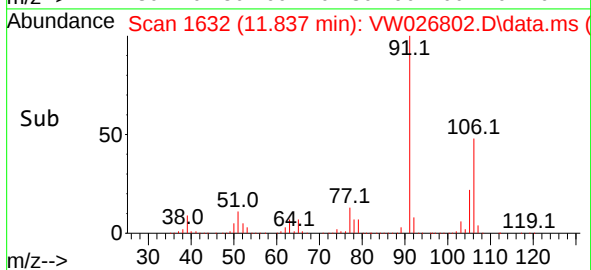
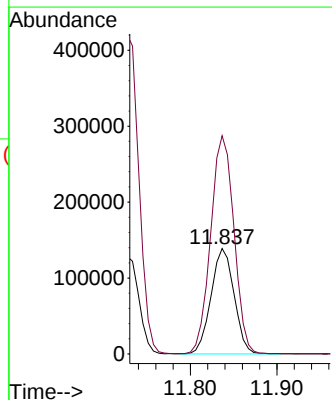
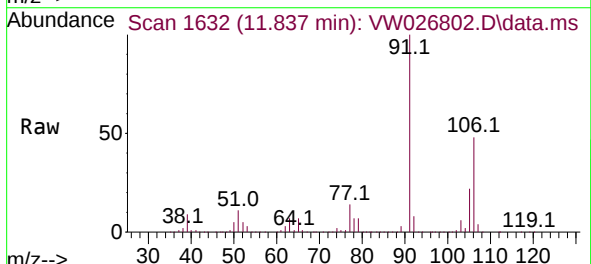
Instrument :
MSVOA_W
ClientSampleId :

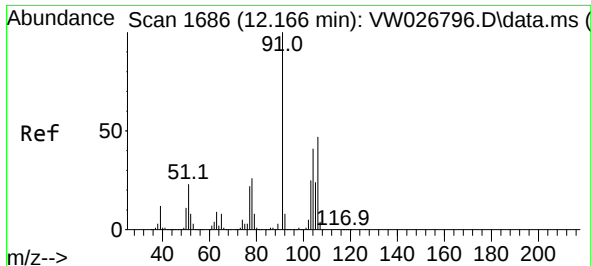
Tgt Ion: 91 Resp: 702507
Ion Ratio Lower Upper
91 100
106 30.5 20.2 37.6



#53
m,p-Xylene
Concen: 18.387 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion:106 Resp: 257071
Ion Ratio Lower Upper
106 100
91 206.9 152.9 284.1

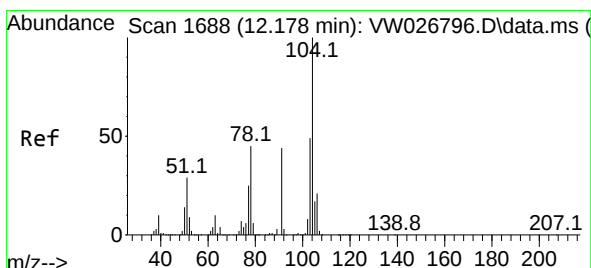
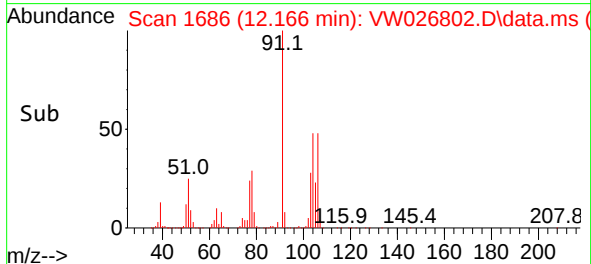
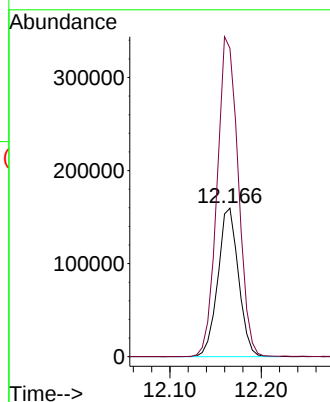
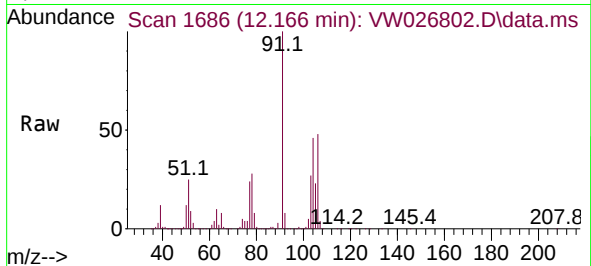




#54
o-Xylene
Concen: 19.232 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

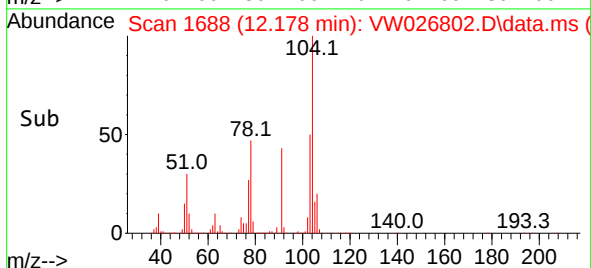
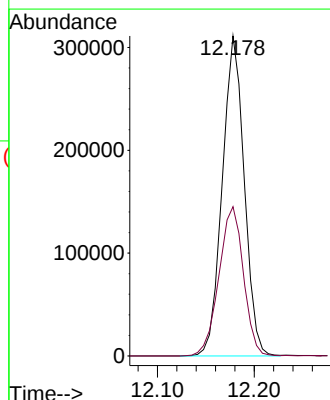
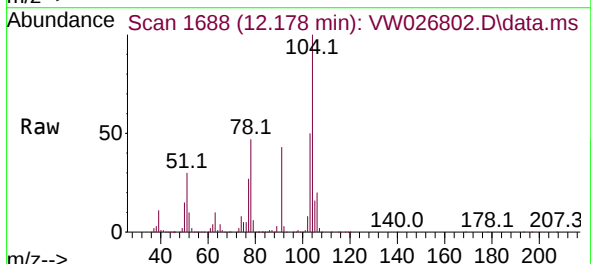
Instrument :
MSVOA_W
ClientSampleId :

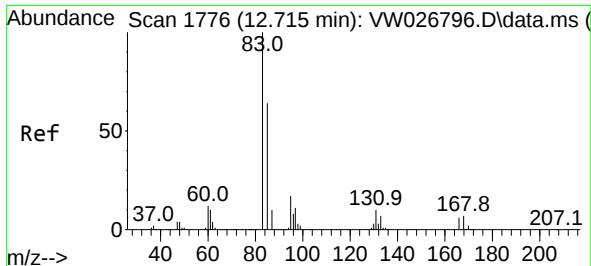
Tgt Ion:106 Resp: 250948
Ion Ratio Lower Upper
106 100
91 207.5 149.9 278.3



#55
Styrene
Concen: 21.606 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion:104 Resp: 490203
Ion Ratio Lower Upper
104 100
78 46.7 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 29.122 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

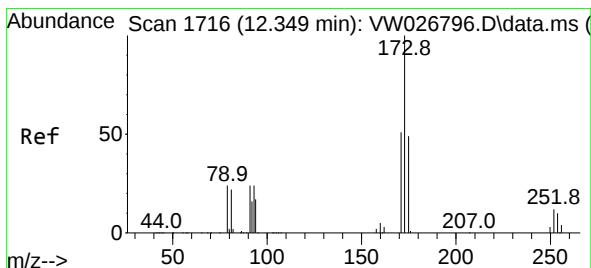
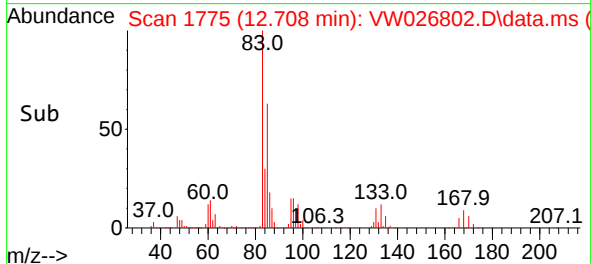
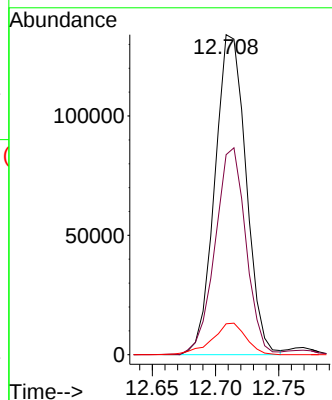
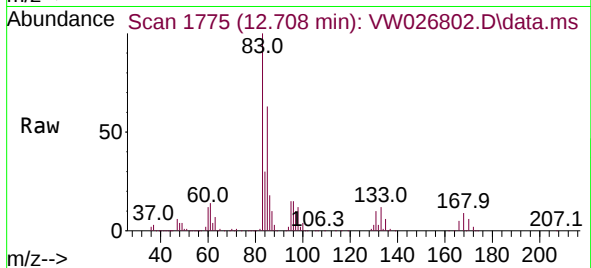
Tgt Ion: 83 Resp: 229846

Ion Ratio Lower Upper

83 100

85 62.5 44.9 83.3

131 9.6 7.4 11.0



#59

Bromoform

Concen: 38.788 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

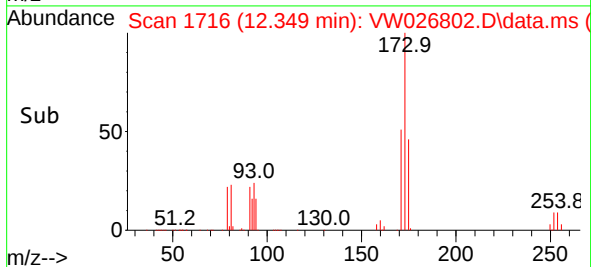
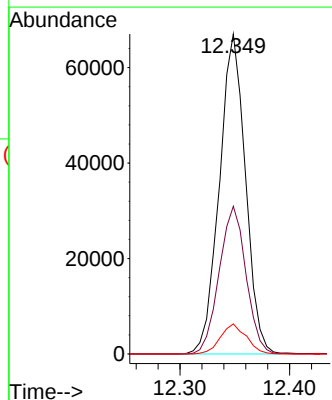
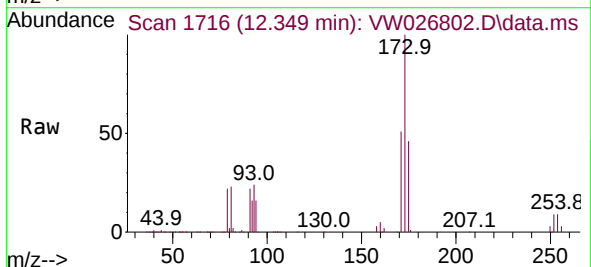
Tgt Ion:173 Resp: 110849

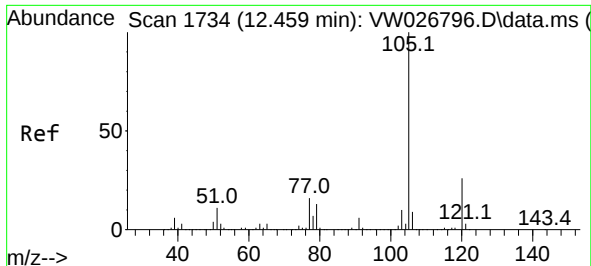
Ion Ratio Lower Upper

173 100

175 47.3 36.6 55.0

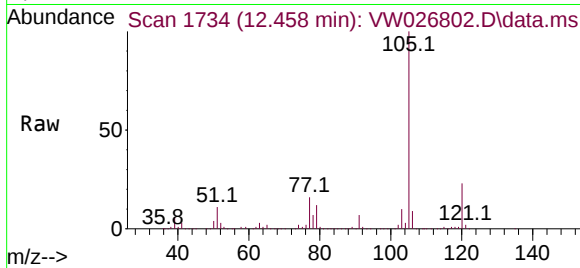
254 9.3 7.8 11.6



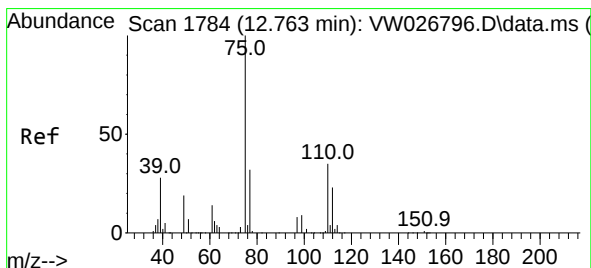
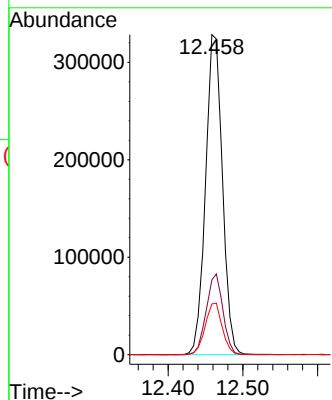
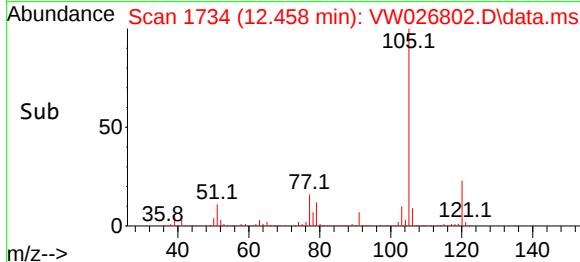


#60
Isopropylbenzene
Concen: 19.001 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

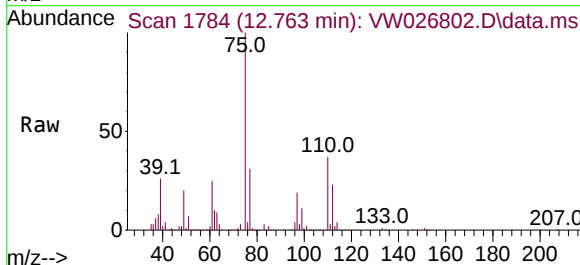
Instrument :
MSVOA_W
ClientSampleId :



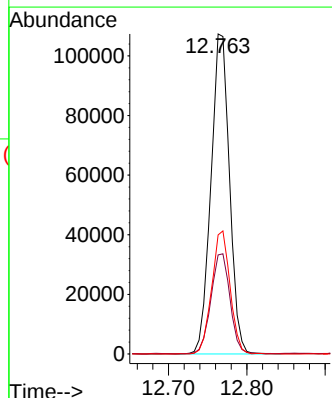
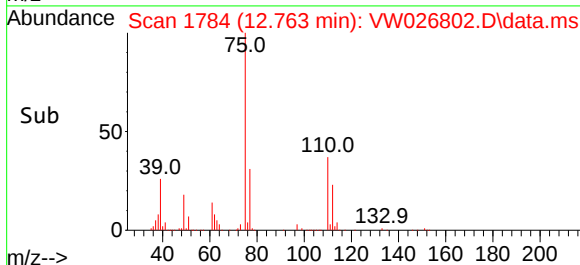
Tgt Ion:105 Resp: 515373
Ion Ratio Lower Upper
105 100
120 24.9 21.0 31.6
77 16.3 13.4 20.2

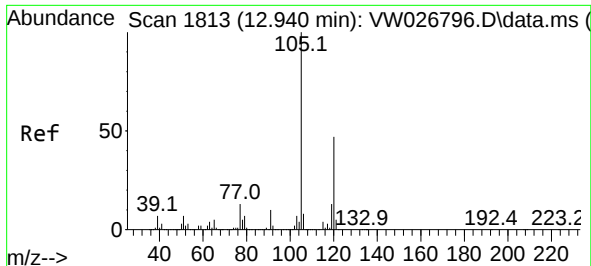


#61
1,2,3-Trichloropropane
Concen: 39.949 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49



Tgt Ion: 75 Resp: 176786
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 37.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 16.633 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

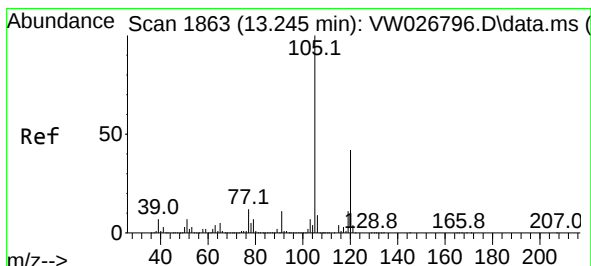
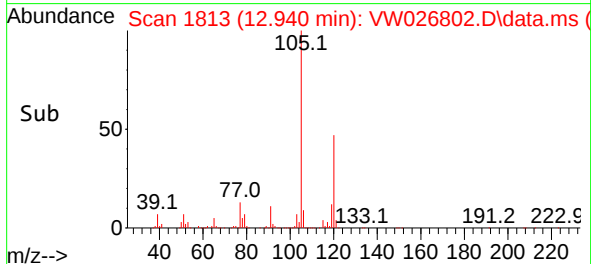
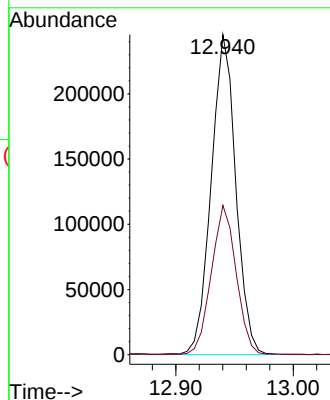
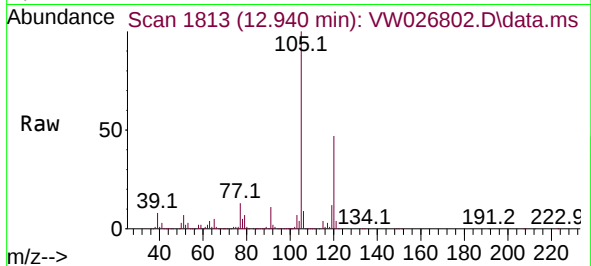
ClientSampleId :

Tgt Ion:105 Resp: 356598

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 17.918 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026802.D

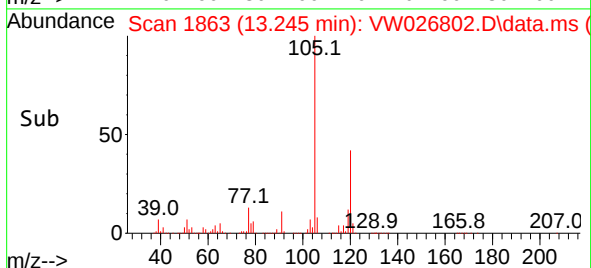
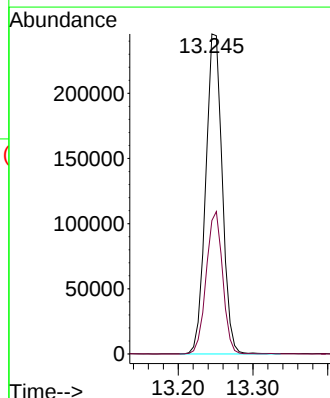
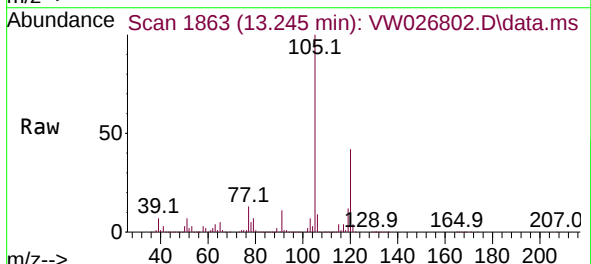
Acq: 22 Aug 2023 15:49

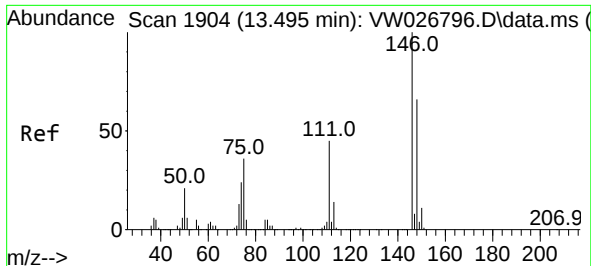
Tgt Ion:105 Resp: 376420

Ion Ratio Lower Upper

105 100

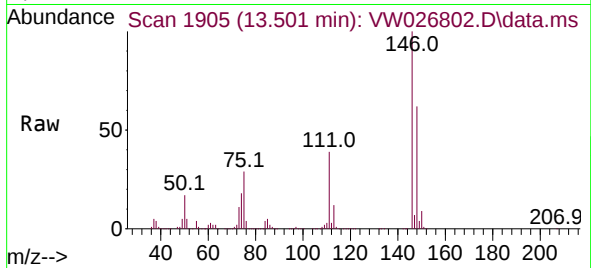
120 44.2 36.2 54.4



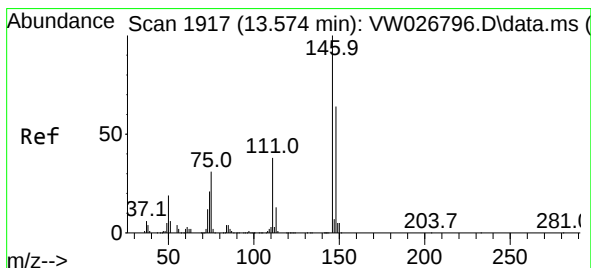
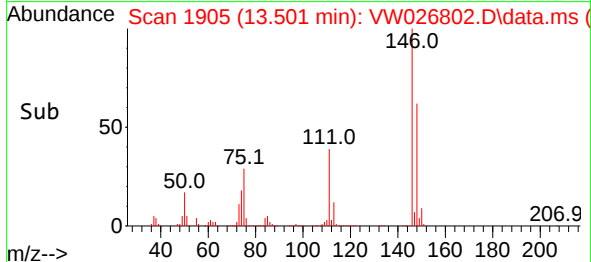
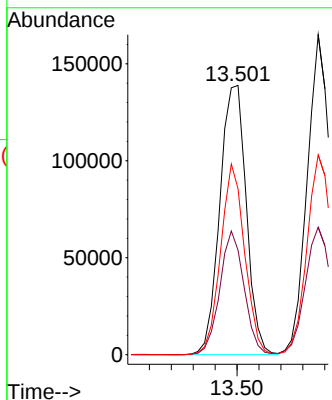


#64
1,3-Dichlorobenzene
Concen: 19.741 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

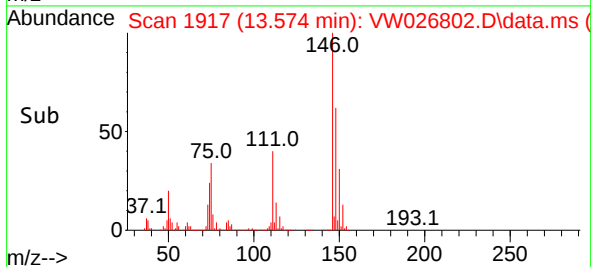
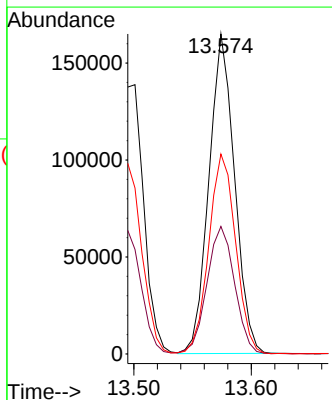
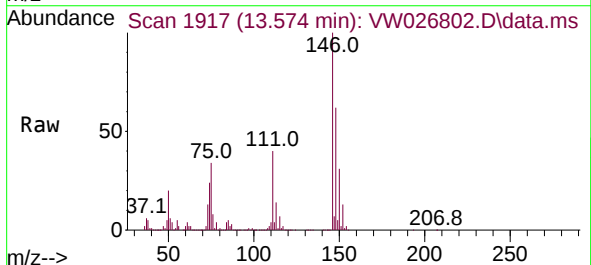


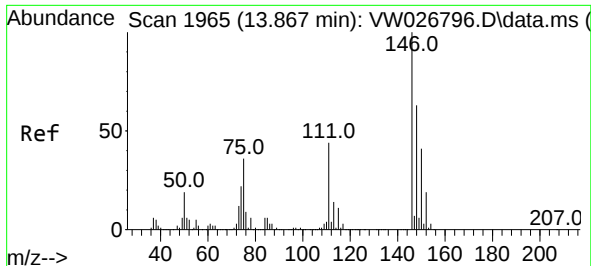
Tgt Ion:146 Resp: 232861
Ion Ratio Lower Upper
146 100
111 38.8 29.1 54.1
148 61.6 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 20.330 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion:146 Resp: 250272
Ion Ratio Lower Upper
146 100
111 39.8 28.3 52.7
148 62.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 21.766 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

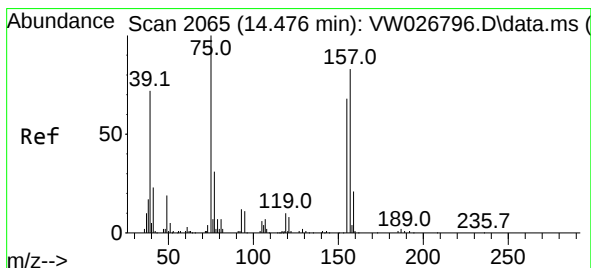
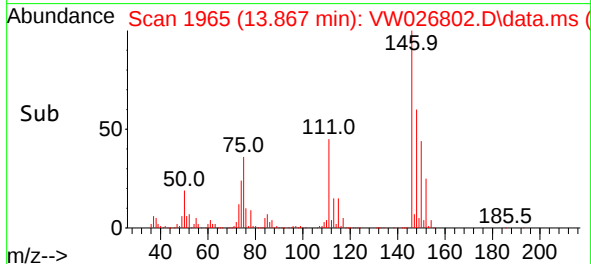
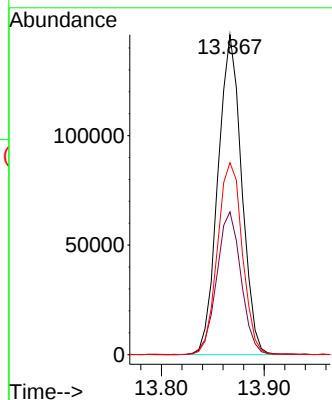
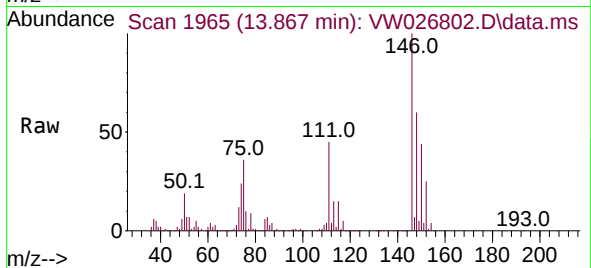
Tgt Ion:146 Resp: 233475

Ion Ratio Lower Upper

146 100

111 44.6 34.6 52.0

148 60.0 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 36.812 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026802.D

Acq: 22 Aug 2023 15:49

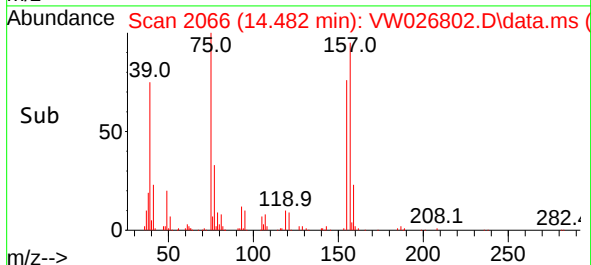
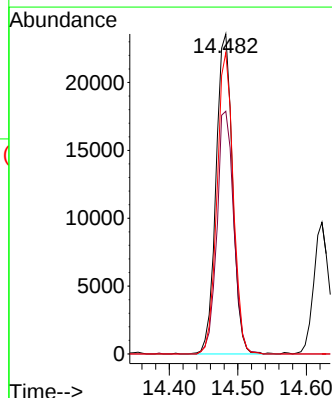
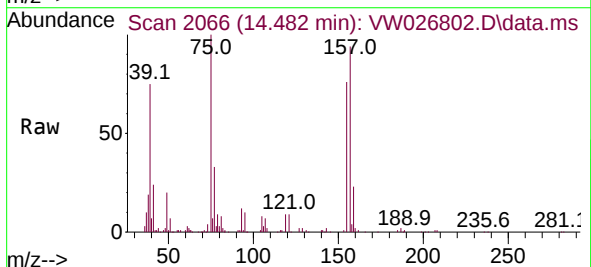
Tgt Ion: 75 Resp: 39272

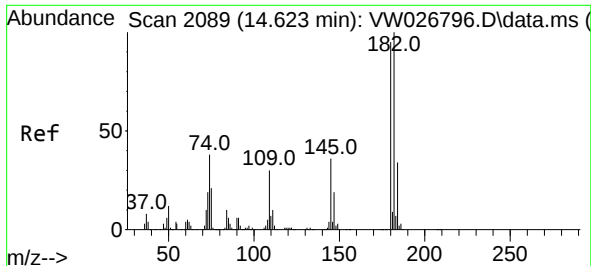
Ion Ratio Lower Upper

75 100

155 75.9 55.0 82.6

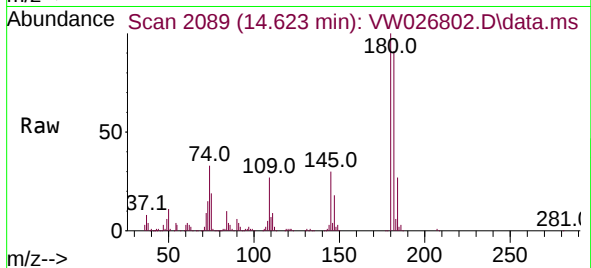
157 94.2 77.8 116.6



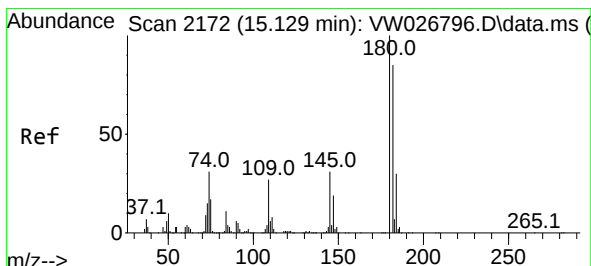
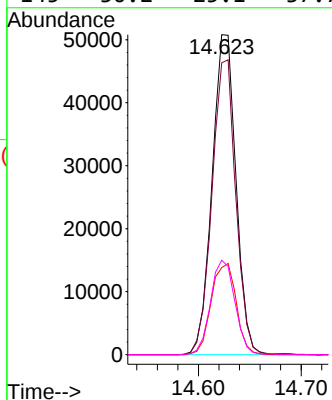
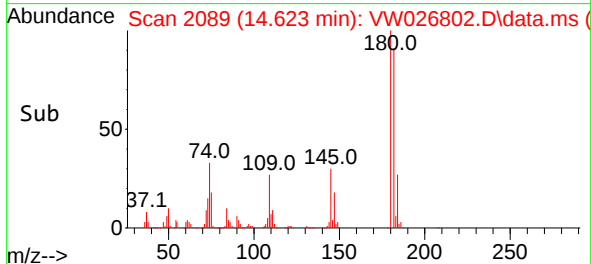


#69
 1,3,5-Trichlorobenzene
 Concen: 10.265 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW026802.D
 Acq: 22 Aug 2023 15:49

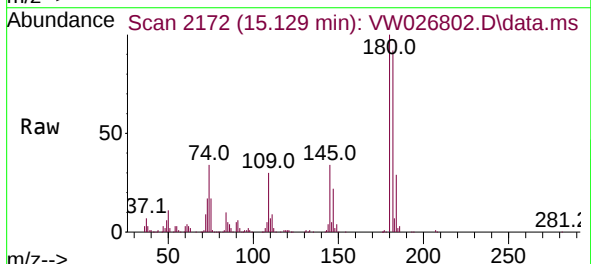
Instrument :
 MSVOA_W
 ClientSampleId :



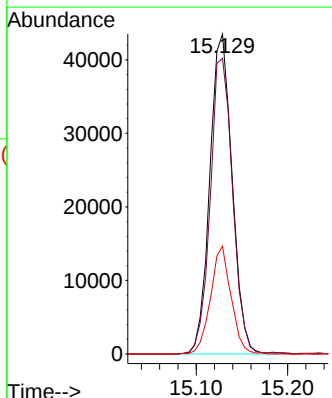
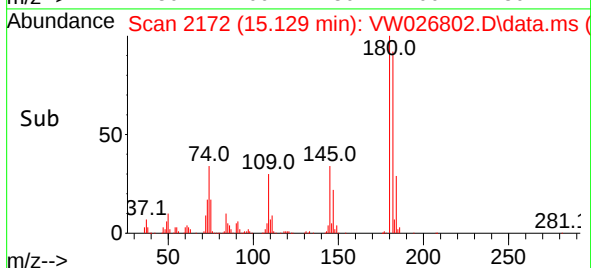
Tgt Ion:180	Resp:	81808
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.2 112.8
184	29.9	23.8 35.8
145	30.2	25.1 37.7

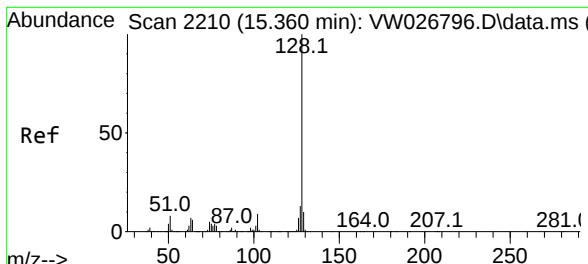


#70
 1,2,4-trichlorobenzene
 Concen: 10.918 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW026802.D
 Acq: 22 Aug 2023 15:49



Tgt Ion:180	Resp:	73772
Ion Ratio	Lower	Upper
180	100	
182	92.6	72.5 108.7
145	31.0	24.7 37.1



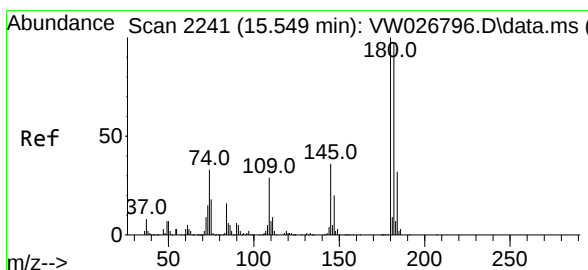
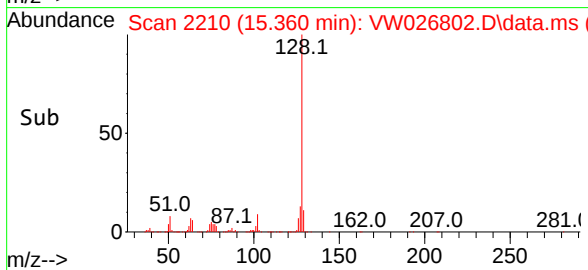
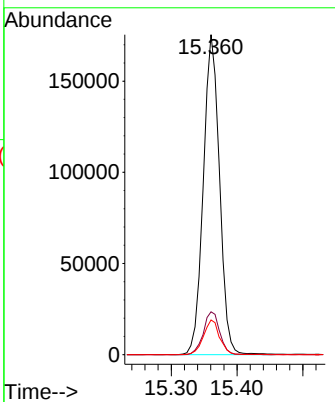
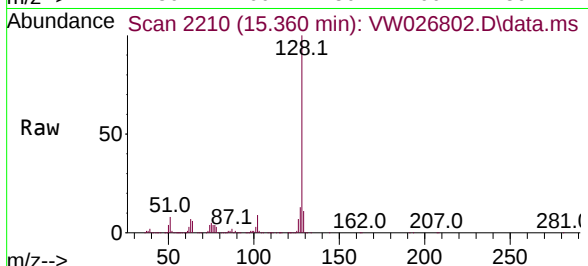


#71
Naphthalene
Concen: 23.349 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 300941

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.8	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 11.701 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026802.D
Acq: 22 Aug 2023 15:49

Tgt Ion:180 Resp: 71310

Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.6	112.0
145	35.5	27.0	40.6

