

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027186.D
 Acq On : 27 Sep 2023 10:31
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 23:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	638502	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	624794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	27550	2.747	ug/L	0.00
7) Chloroethane-d5	2.893	69	22643	2.853	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11353	2.724	ug/L	0.00
21) 2-Butanone-d5	7.222	46	197	0.094	ug/L	0.15
24) Chloroform-d	7.648	84	53437	2.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	26019	2.905	ug/L	0.00
32) Benzene-d6	8.276	84	106534	2.782	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	32398	2.826	ug/L	0.00
41) Toluene-d8	10.325	98	88141	2.609	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11635	2.586	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7683	4.381	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	24253	2.764	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	30955	2.859	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	13777	1.536	ug/L #	65
3) Chloromethane	2.222	50	27984	2.499	ug/L	100
5) Vinyl chloride	2.375	62	29922	2.447	ug/L	85
6) Bromomethane	2.789	94	20362	2.528	ug/L	97
8) Chloroethane	2.936	64	17757	2.393	ug/L	90
9) Trichlorofluoromethane	3.265	101	23868	2.323	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	16712	1.583	ug/L #	66
12) 1,1-Dichloroethene	4.051	96	23429	2.372	ug/L	100
13) Acetone	4.125	43	11928	4.654	ug/L	96
14) Carbon disulfide	4.387	76	84055	2.535	ug/L	99
15) Methyl Acetate	4.685	43	11135	2.592	ug/L	93
16) Methylene chloride	4.923	84	41794	3.344	ug/L	90
17) trans-1,2-Dichloroethene	5.435	96	25491	2.398	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	31250	2.350	ug/L #	93
19) 1,1-Dichloroethane	6.216	63	50213	2.533	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	26754	2.361	ug/L	97
22) 2-Butanone	7.185	43	12328	3.956	ug/L	98
23) Bromochloromethane	7.520	128	13462	2.604	ug/L	96
25) Chloroform	7.679	83	49451	2.558	ug/L	100
27) 1,2-Dichloroethane	8.404	62	31311	2.644	ug/L	97
29) Cyclohexane	7.959	56	34602	2.082	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	38628	2.487	ug/L	97
31) Carbon tetrachloride	8.069	117	38111	2.598	ug/L	98
33) Benzene	8.325	78	110031	2.492	ug/L	100
34) Trichloroethene	9.093	95	29078	2.522	ug/L	93
35) Methylcyclohexane	9.331	83	42288	2.180	ug/L	94
37) 1,2-Dichloropropane	9.368	63	28787	2.529	ug/L #	96
38) Bromodichloromethane	9.642	83	34682	2.538	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	37705	2.249	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	23649	4.284	ug/L	98
42) Toluene	10.386	91	105574	2.328	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	30190	2.197	ug/L	96

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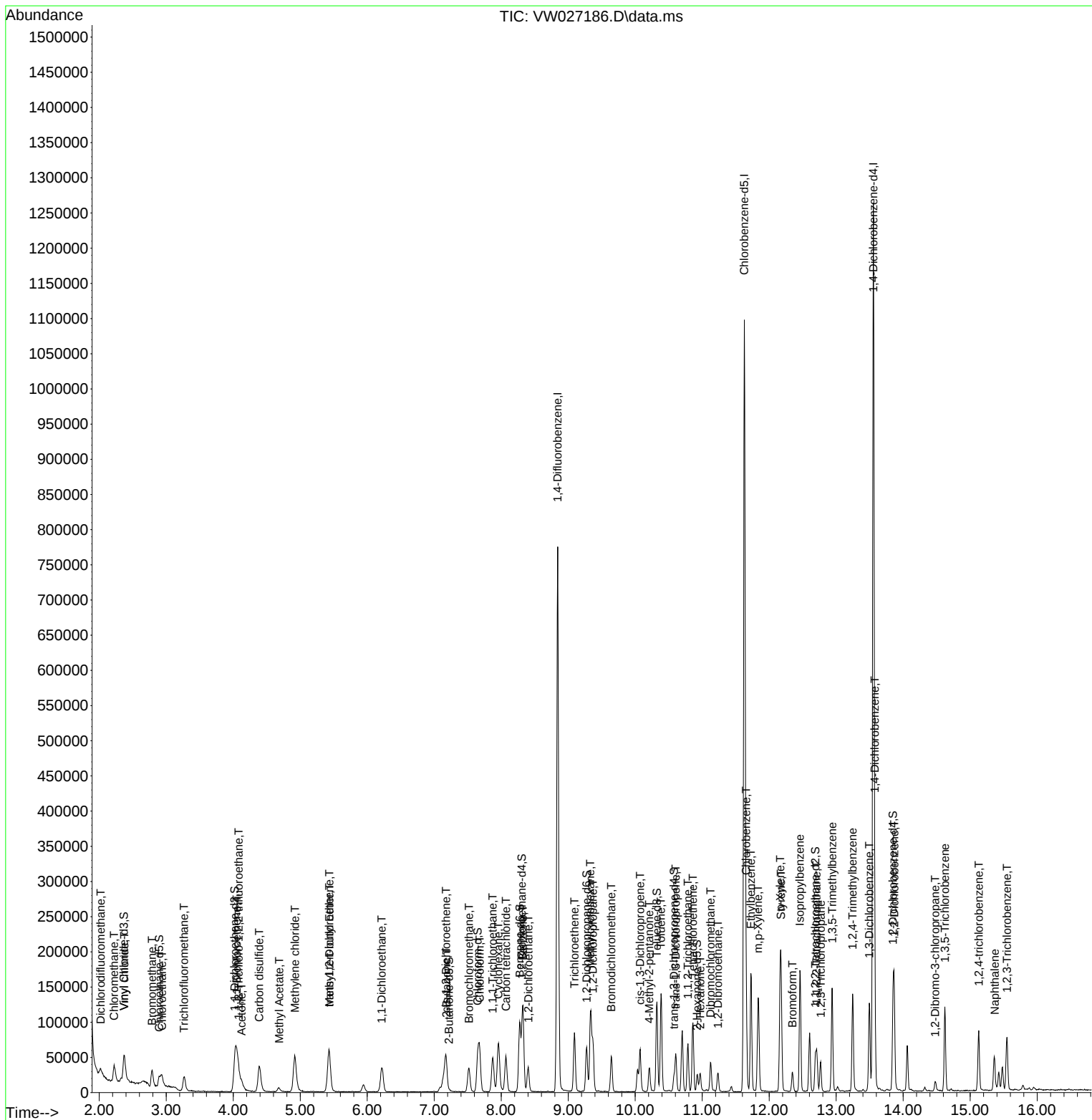
Instrument :
 MSVOA_W
 ClientSampleId :

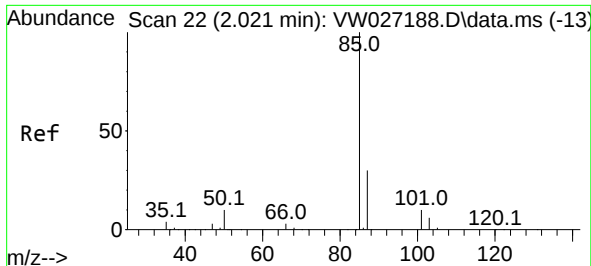
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 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	20790	2.525	ug/L	92
46) Tetrachloroethene	10.861	164	22092	2.437	ug/L	91
48) 2-Hexanone	10.971	43	16415	3.793	ug/L	95
49) Dibromochloromethane	11.123	129	22755	2.548	ug/L	88
50) 1,2-Dibromoethane	11.233	107	18902	2.474	ug/L	99
51) Chlorobenzene	11.654	112	75762	2.517	ug/L	98
52) Ethylbenzene	11.727	91	114624	2.250	ug/L	99
53) m,p-Xylene	11.837	106	44477	2.277	ug/L	94
54) o-Xylene	12.166	106	39685	2.175	ug/L	88
55) Styrene	12.178	104	65069	2.071	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	25380	2.570	ug/L	92
59) Bromoform	12.349	173	12682	2.487	ug/L	97
60) Isopropylbenzene	12.458	105	104795	2.204	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	17721	2.681	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	77134	2.069	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	73554	2.014	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	53220	2.425	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	58631	2.659	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	49802	2.589	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	4071	2.875	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	35598	2.519	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	27022	2.424	ug/L	99
71) Naphthalene	15.366	128	43742	2.224	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	26685	2.697	ug/L	94

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

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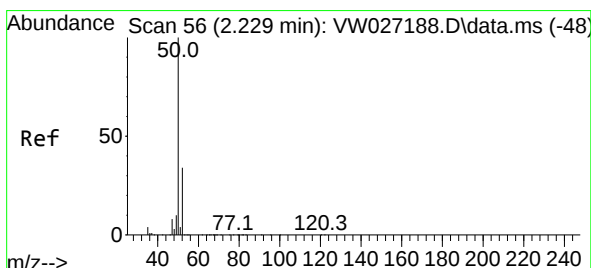
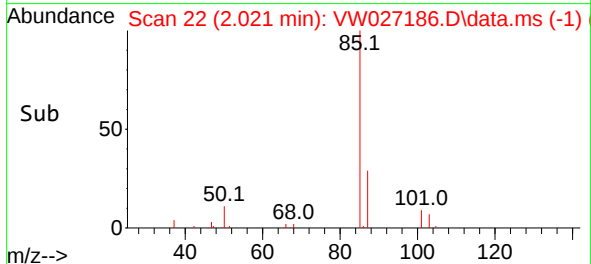
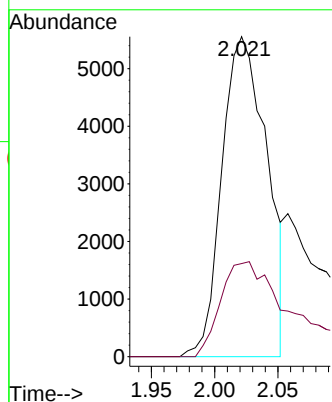
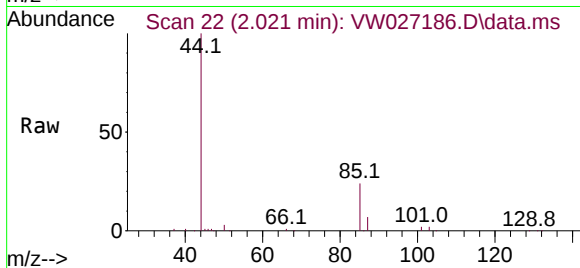




#2
Dichlorodifluoromethane
Concen: 1.536 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027186.D
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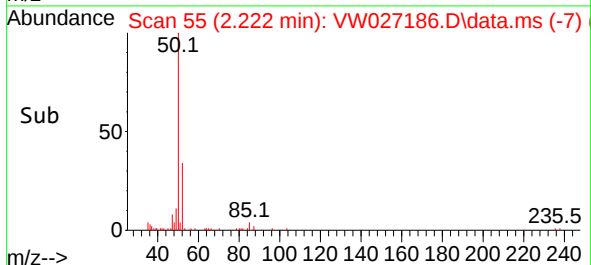
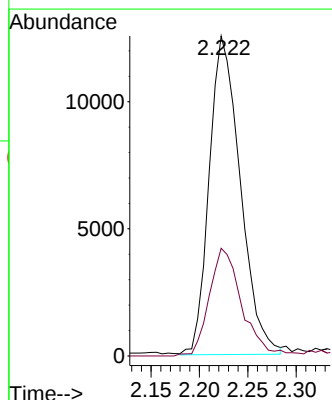
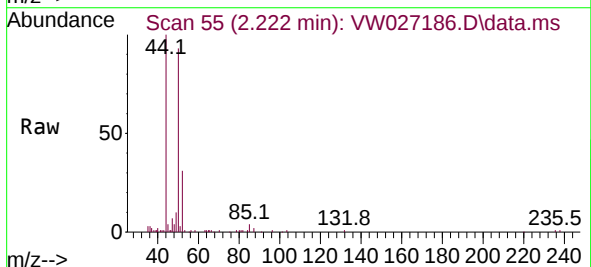
Instrument :
MSVOA_W
ClientSampleId :

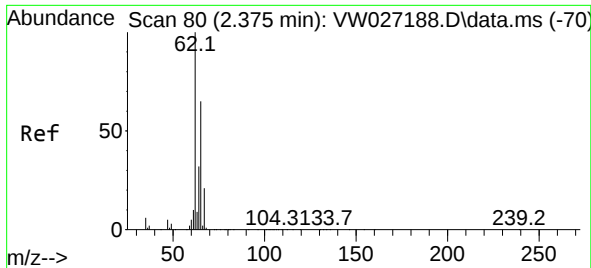
Tgt Ion: 85 Resp: 13777
Ion Ratio Lower Upper
85 100
87 45.9 22.1 33.1#



#3
Chloromethane
Concen: 2.499 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 50 Resp: 27984
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7

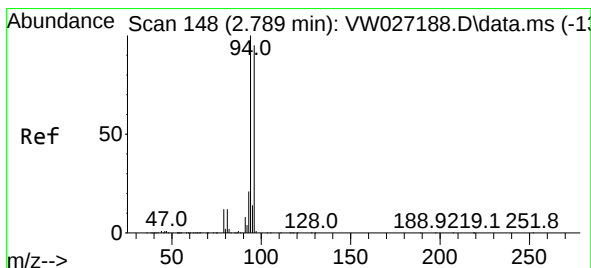
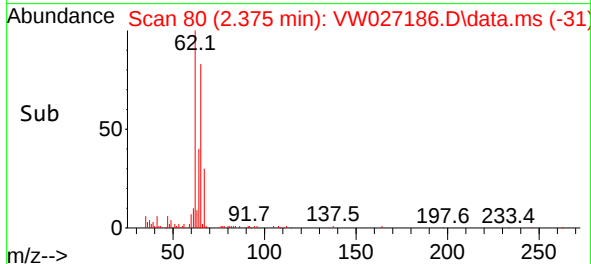
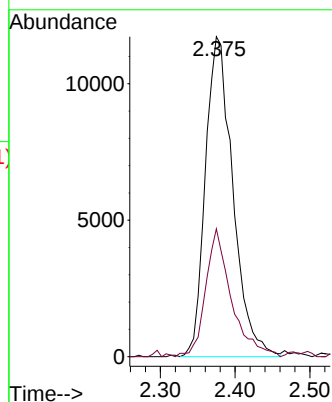
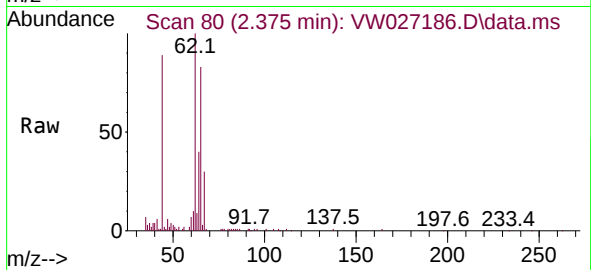




#5
 Vinyl chloride
 Concen: 2.447 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

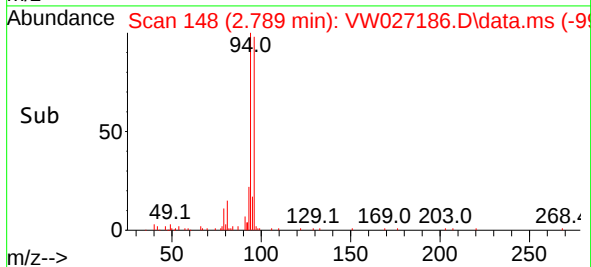
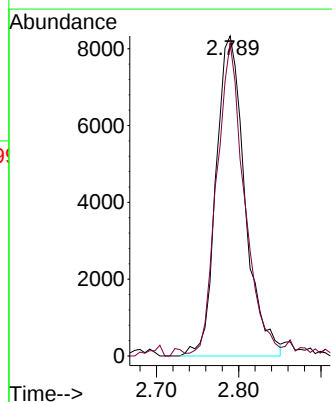
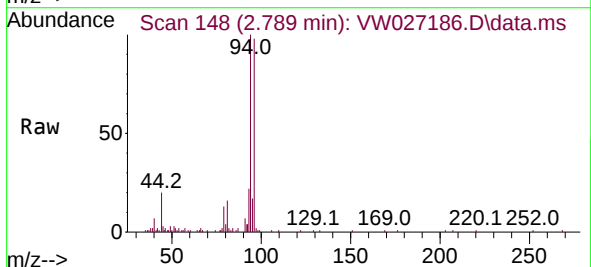
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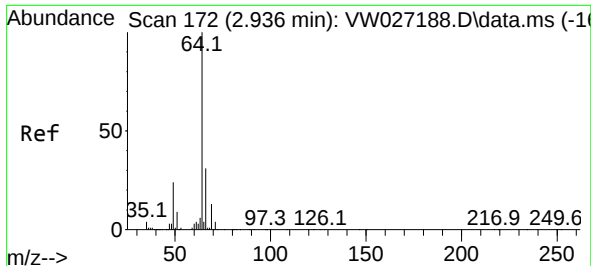
Tgt Ion: 62 Resp: 29922
 Ion Ratio Lower Upper
 62 100
 64 40.0 22.2 41.2



#6
 Bromomethane
 Concen: 2.528 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

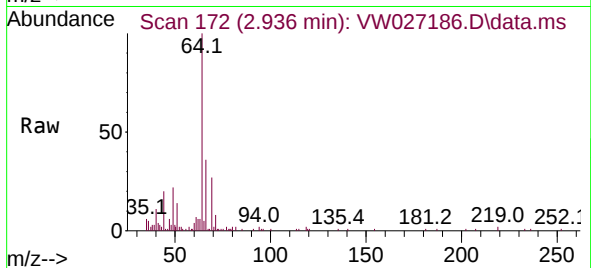
Tgt Ion: 94 Resp: 20362
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.8 124.0



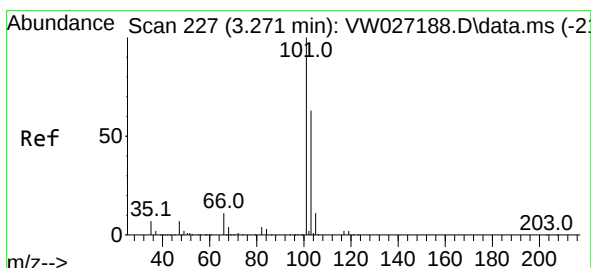
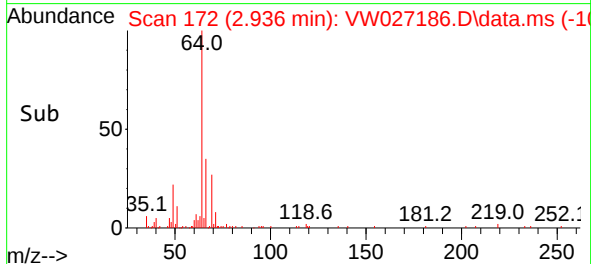
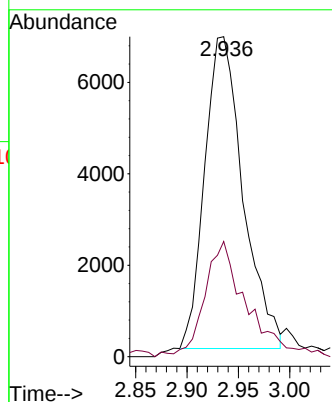


#8
Chloroethane
Concen: 2.393 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Instrument :
MSVOA_W
ClientSampleId :

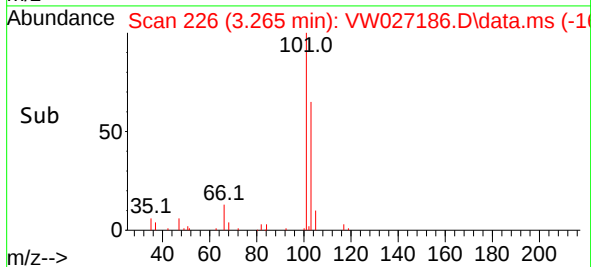
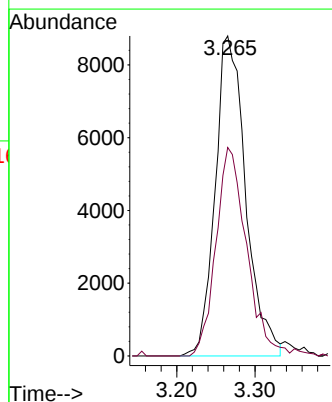
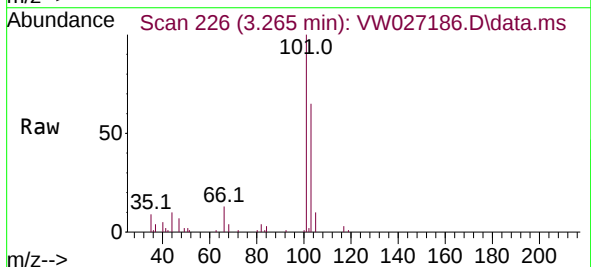


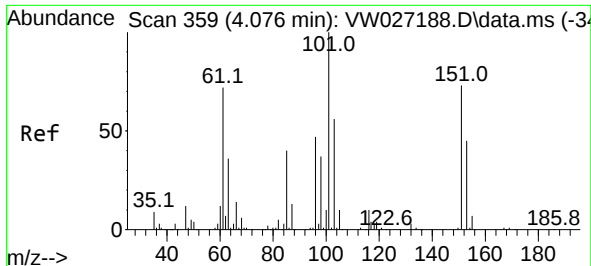
Tgt Ion: 64 Resp: 17757
Ion Ratio Lower Upper
64 100
66 36.0 21.5 39.9



#9
Trichlorofluoromethane
Concen: 2.323 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 101 Resp: 23868
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

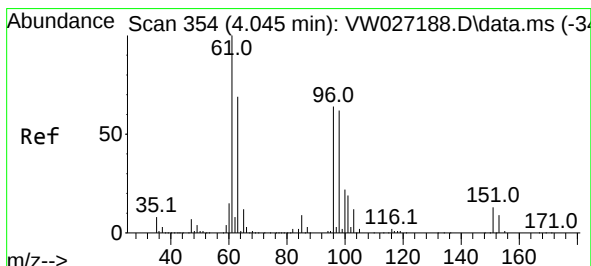
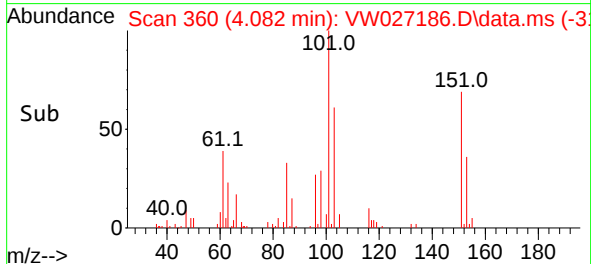
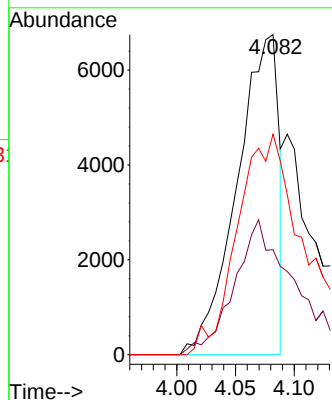
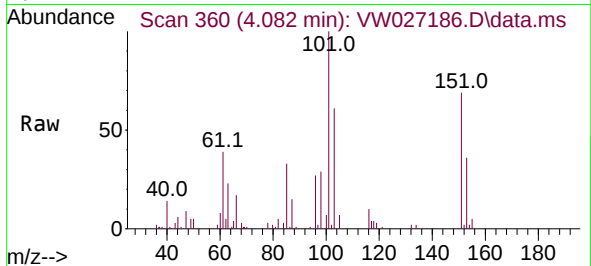




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.583 ug/L
 RT: 4.082 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

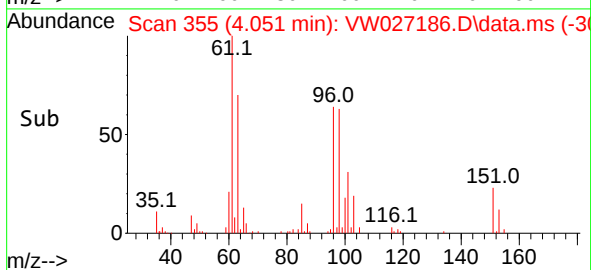
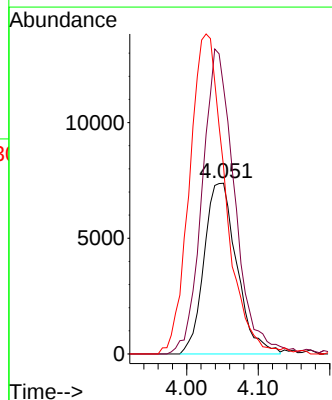
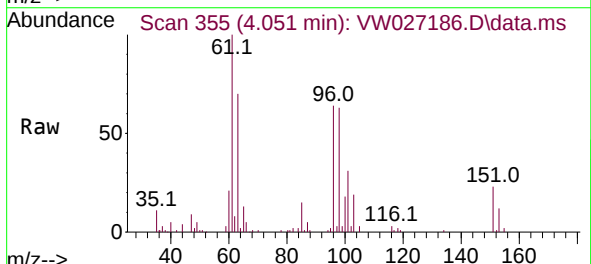
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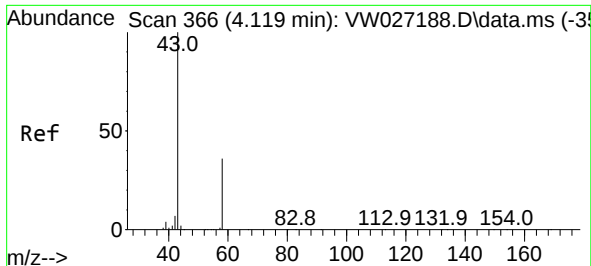
Tgt Ion:101 Resp: 16712
 Ion Ratio Lower Upper
 101 100
 85 59.6 33.1 49.7#
 151 42.2 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 2.372 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

Tgt Ion: 96 Resp: 23429
 Ion Ratio Lower Upper
 96 100
 61 156.2 109.8 204.0
 63 109.6 76.9 142.7





#13

Acetone

Concen: 4.654 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

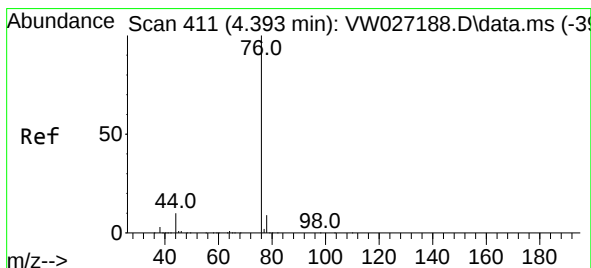
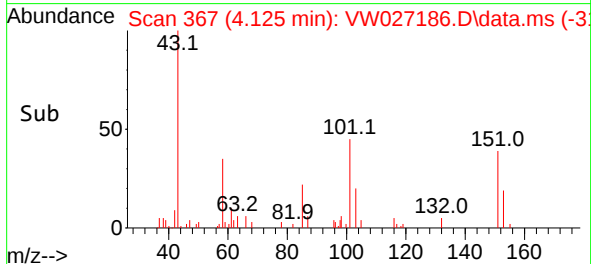
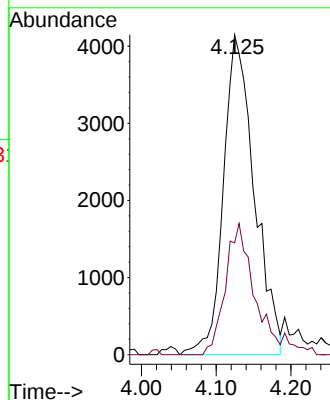
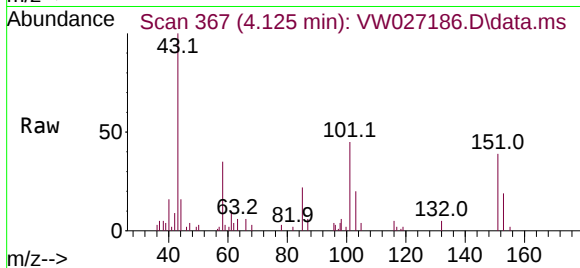
ClientSampleId :

Tgt Ion: 43 Resp: 11928

Ion Ratio Lower Upper

43 100

58 37.7 0.0 70.4



#14

Carbon disulfide

Concen: 2.535 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027186.D

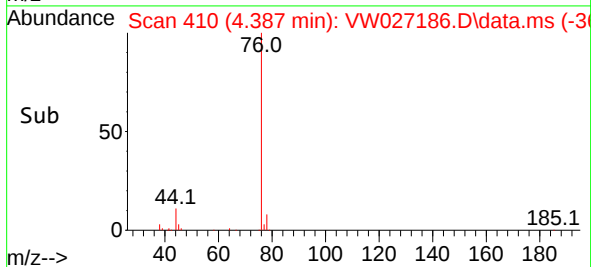
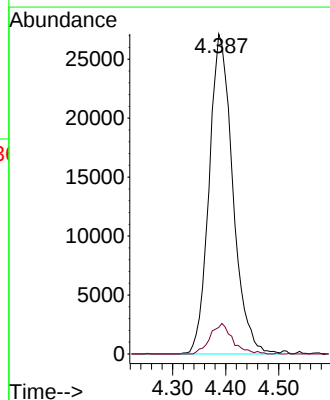
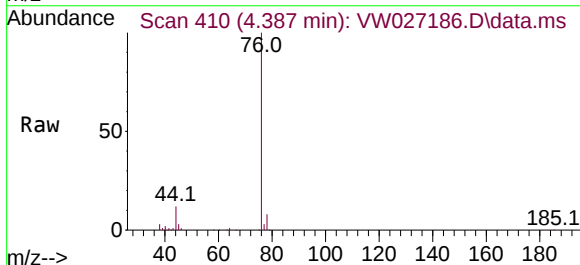
Acq: 27 Sep 2023 10:31

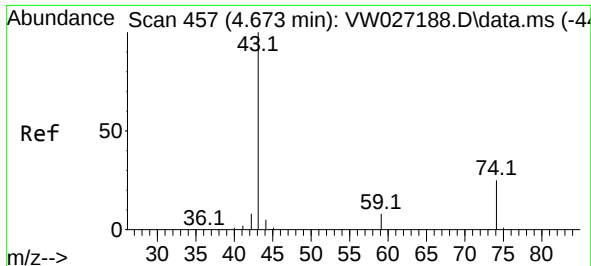
Tgt Ion: 76 Resp: 84055

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6

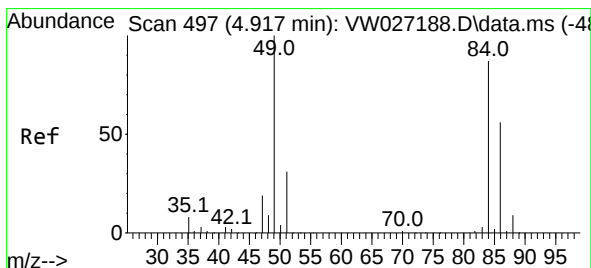
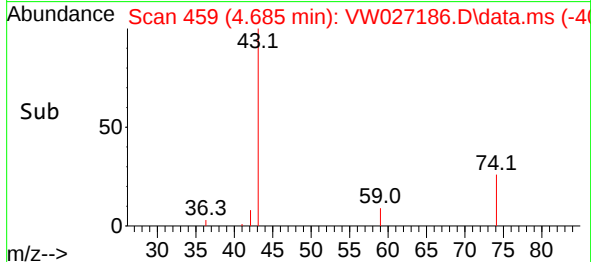
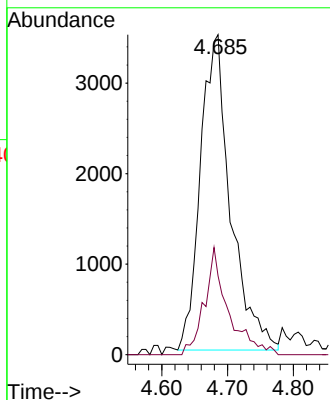
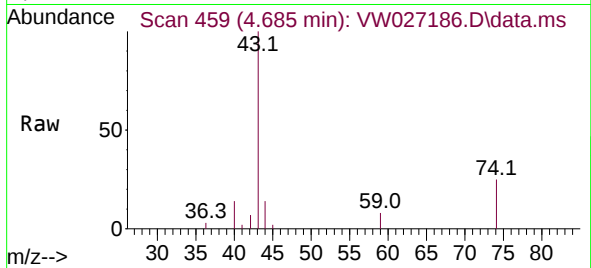




#15
Methyl Acetate
Concen: 2.592 ug/L
RT: 4.685 min Scan# 411
Delta R.T. 0.012 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

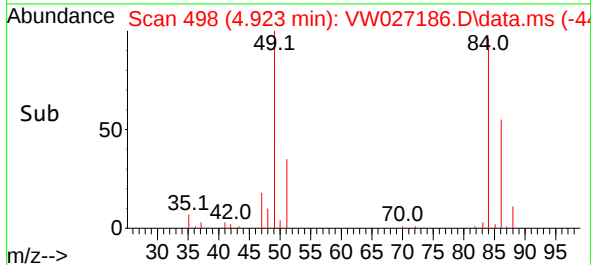
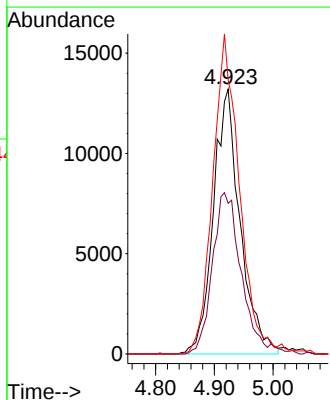
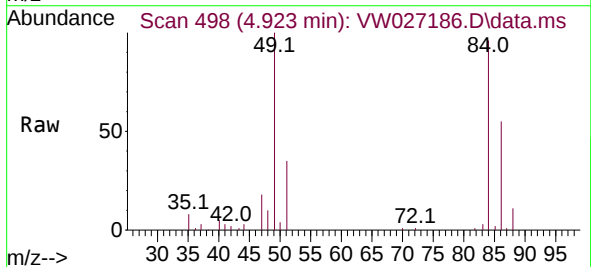
Instrument :
MSVOA_W
ClientSampleId :

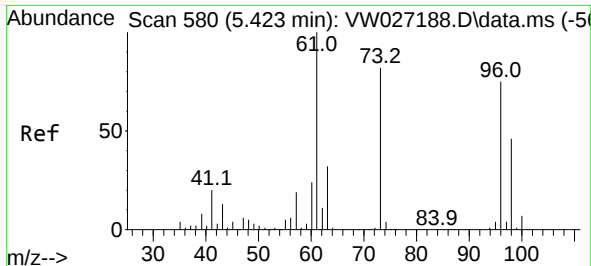
Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
74 22.6 20.8 31.2



#16
Methylene chloride
Concen: 3.344 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 84 Resp: 41794
Ion Ratio Lower Upper
84 100
86 56.9 45.1 83.9
49 103.7 80.9 150.3

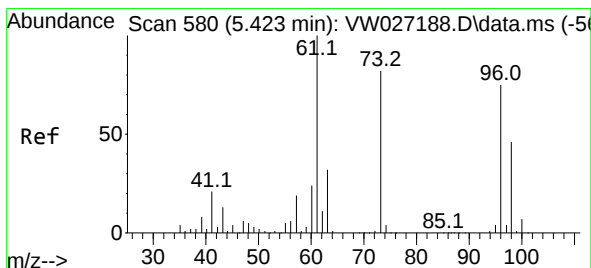
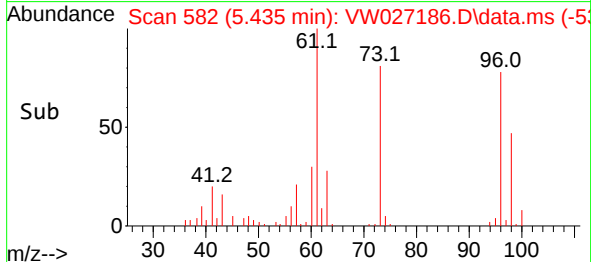
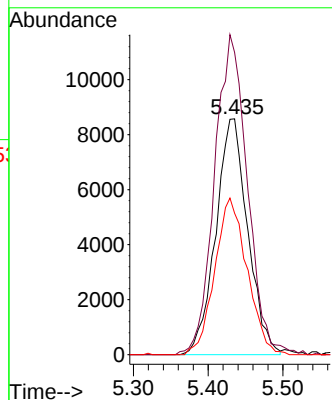
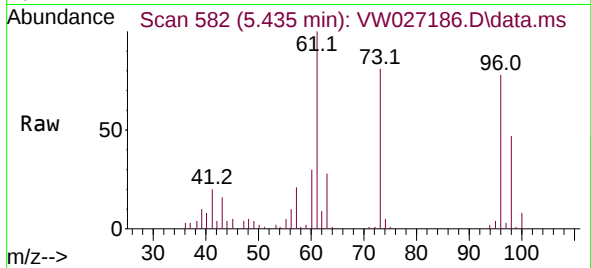




#17
trans-1,2-Dichloroethene
Concen: 2.398 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

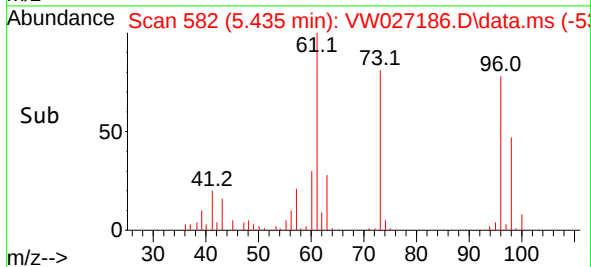
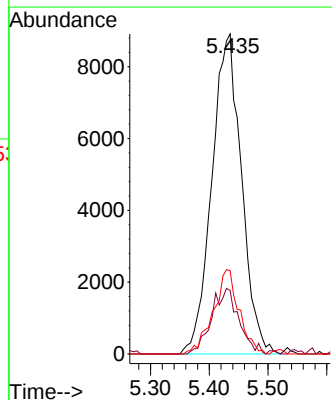
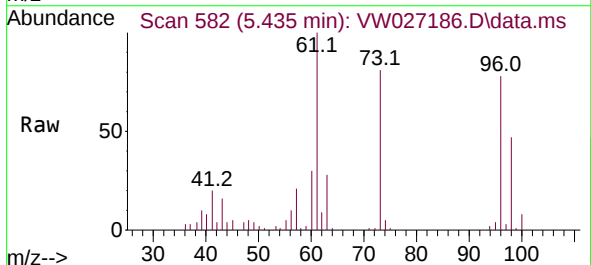
Instrument :
MSVOA_W
ClientSampleId :

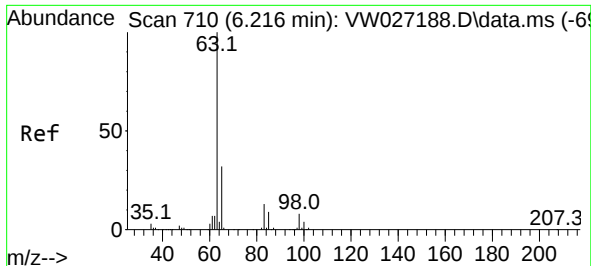
Tgt Ion: 96 Resp: 25491
Ion Ratio Lower Upper
96 100
61 128.2 93.5 173.7
98 60.0 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 2.350 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 73 Resp: 31250
Ion Ratio Lower Upper
73 100
43 11.3 14.2 21.2#
57 22.1 18.3 27.5





#19

1,1-Dichloroethane

Concen: 2.533 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

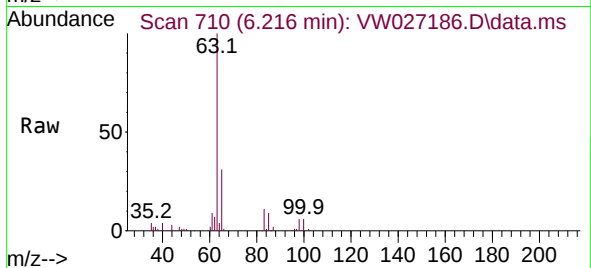
Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :



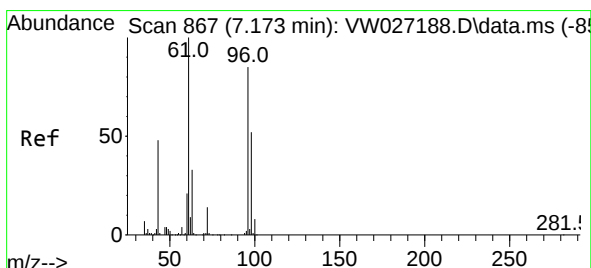
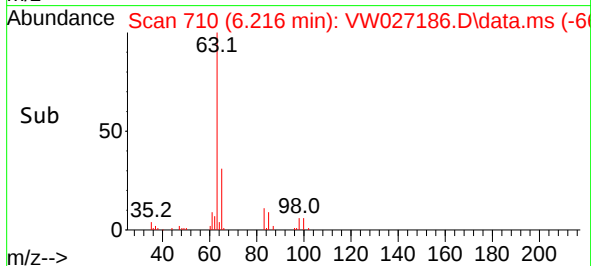
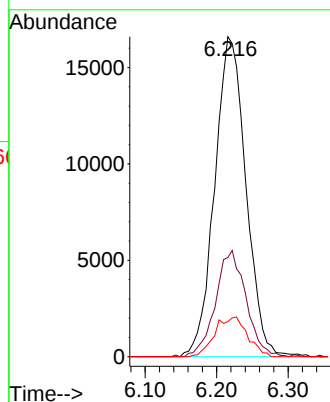
Tgt Ion: 63 Resp: 50213

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.9

83 11.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 2.361 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

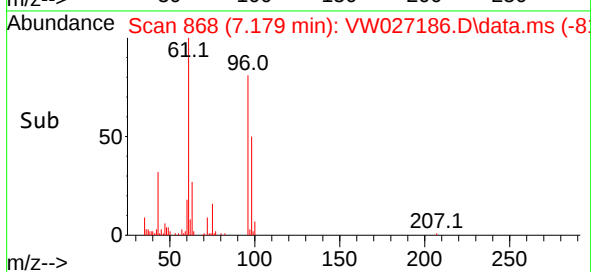
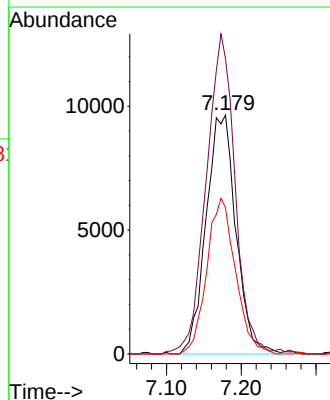
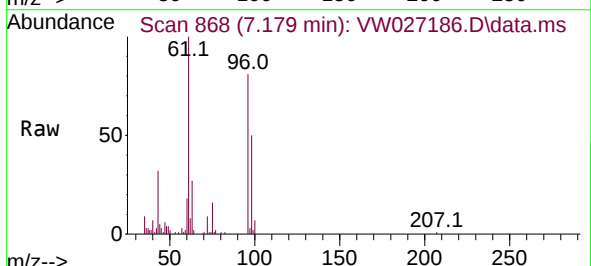
Tgt Ion: 96 Resp: 26754

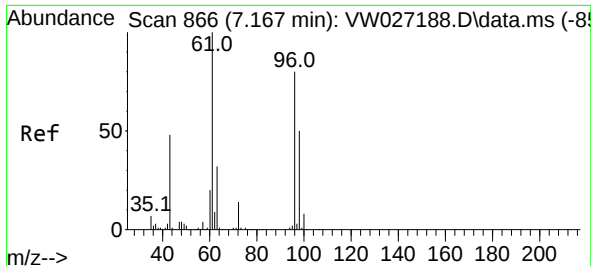
Ion Ratio Lower Upper

96 100

61 123.7 82.7 153.5

98 61.3 43.0 80.0

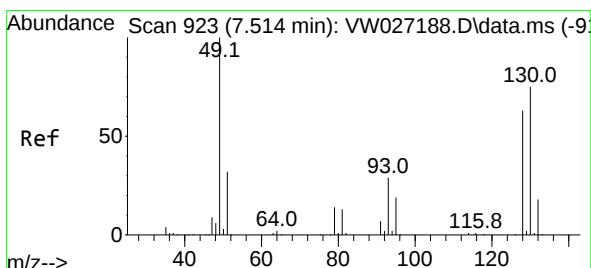
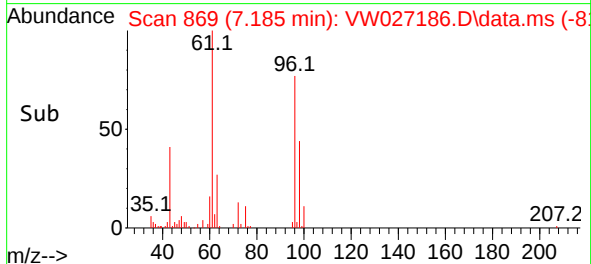
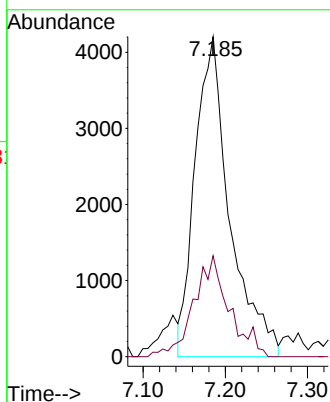
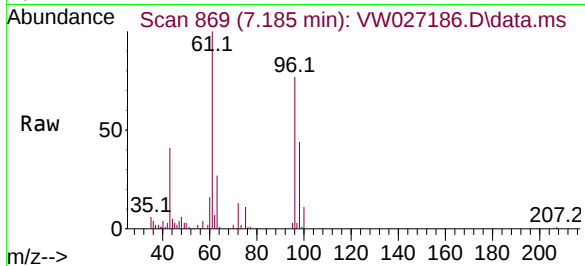




#22
2-Butanone
Concen: 3.956 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

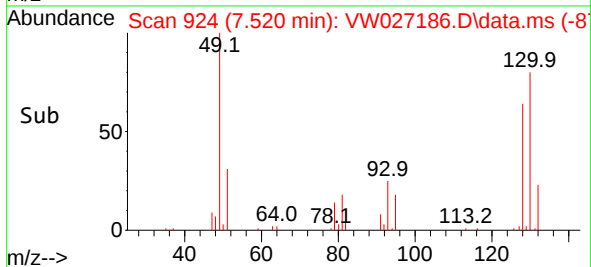
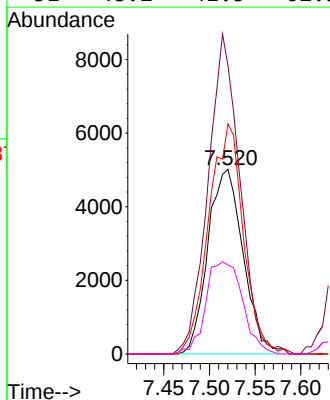
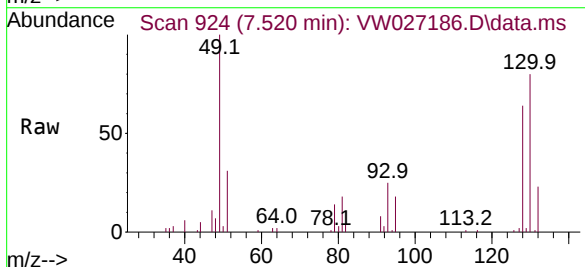
Instrument :
MSVOA_W
ClientSampleId :

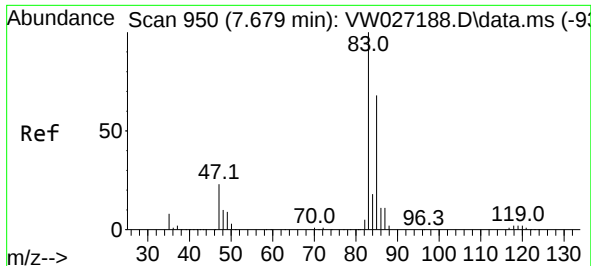
Tgt Ion: 43 Resp: 12328
Ion Ratio Lower Upper
43 100
72 30.4 14.6 44.0



#23
Bromochloromethane
Concen: 2.604 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 128 Resp: 13462
Ion Ratio Lower Upper
128 100
49 156.3 112.1 208.1
130 124.5 83.9 155.7
51 48.2 41.5 62.3

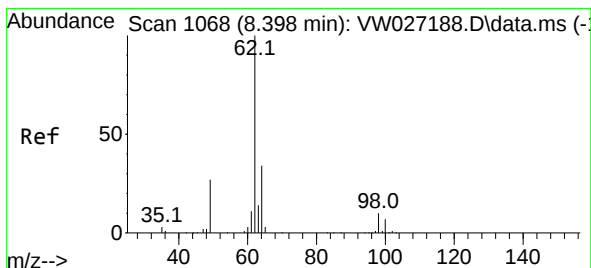
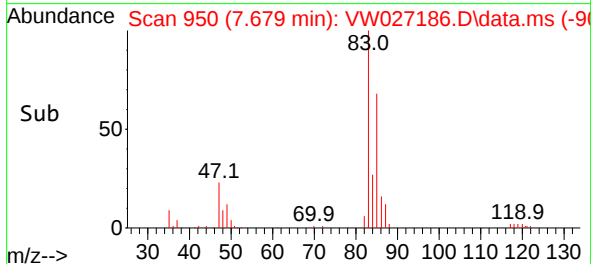
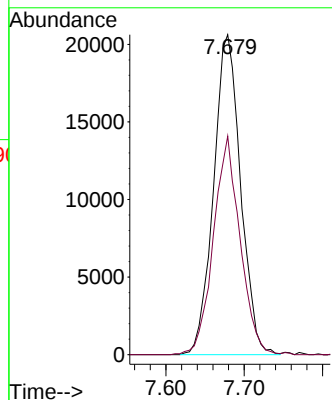
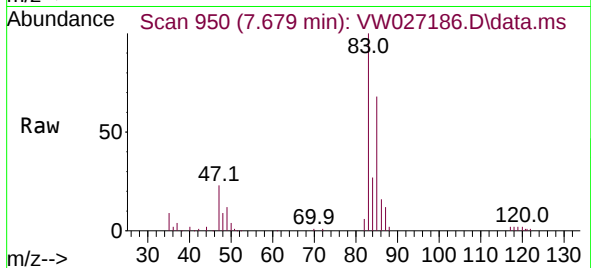




#25
Chloroform
Concen: 2.558 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

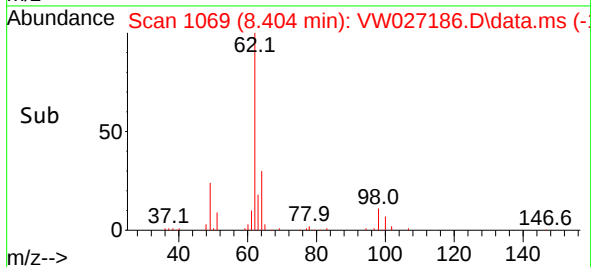
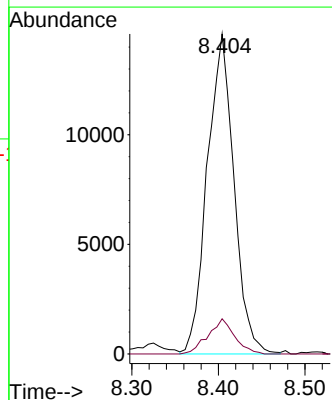
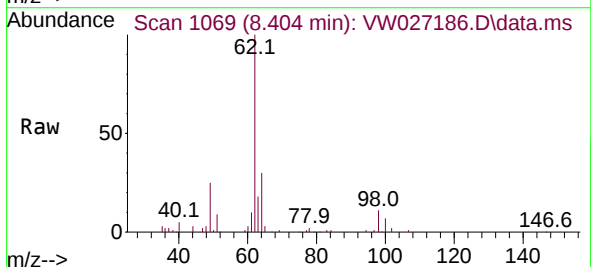
Instrument :
MSVOA_W
ClientSampleId :

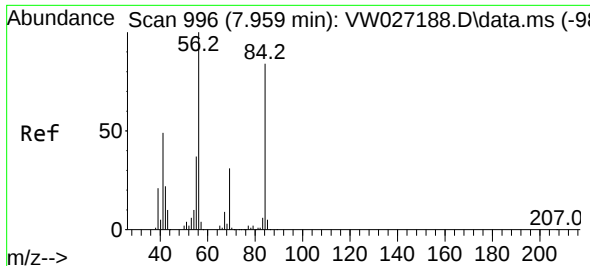
Tgt Ion: 83 Resp: 49451
Ion Ratio Lower Upper
83 100
85 68.3 47.7 88.5



#27
1,2-Dichloroethane
Concen: 2.644 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 62 Resp: 31311
Ion Ratio Lower Upper
62 100
98 11.0 7.9 11.9





#29

Cyclohexane

Concen: 2.082 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

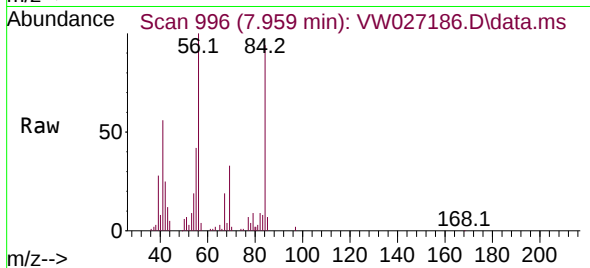
Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :



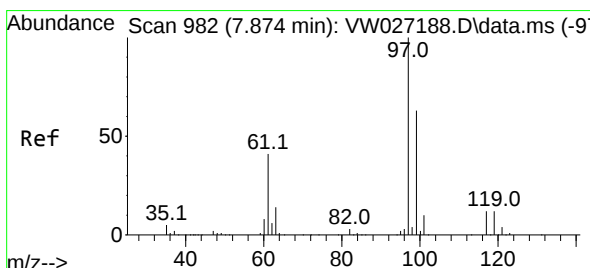
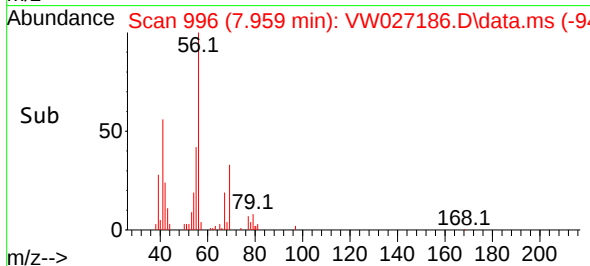
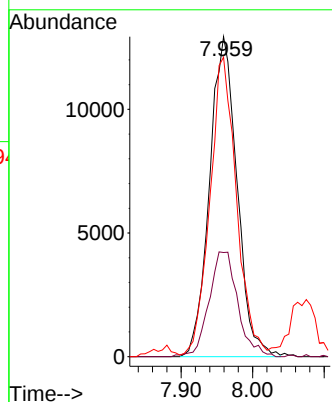
Tgt Ion: 56 Resp: 34602

Ion Ratio Lower Upper

56 100

69 34.2 25.0 37.4

84 89.5 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 2.487 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

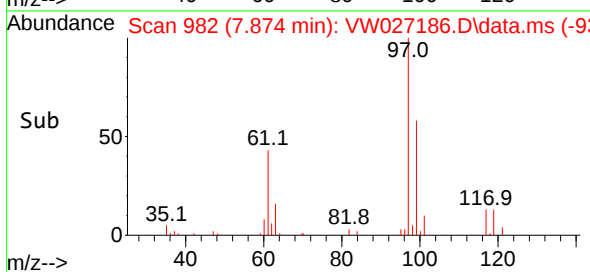
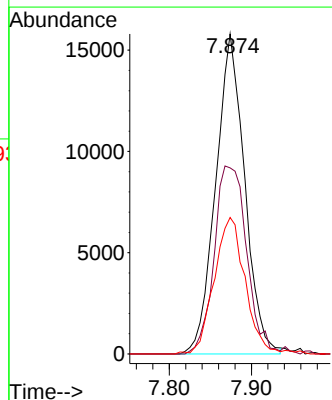
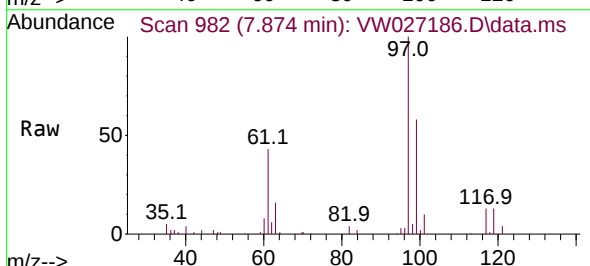
Tgt Ion: 97 Resp: 38628

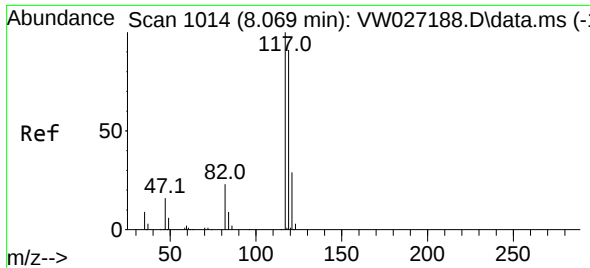
Ion Ratio Lower Upper

97 100

99 65.8 50.8 76.2

61 44.6 34.6 52.0

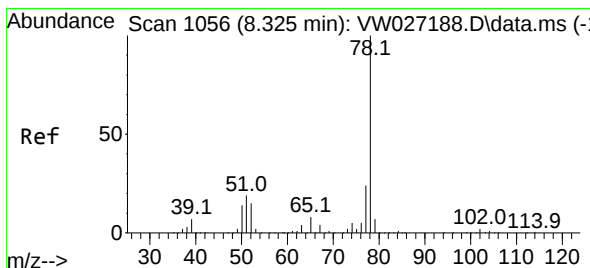
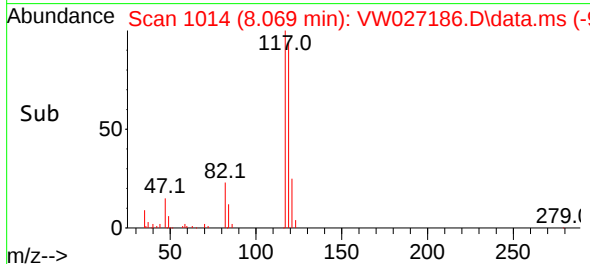
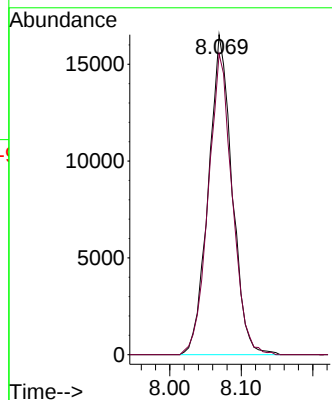
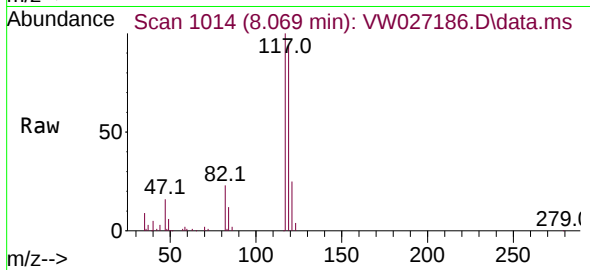




#31
Carbon tetrachloride
Concen: 2.598 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

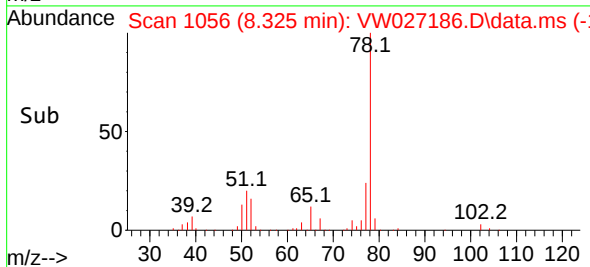
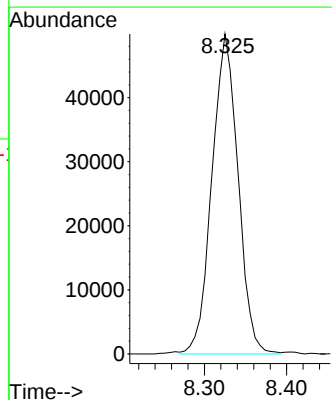
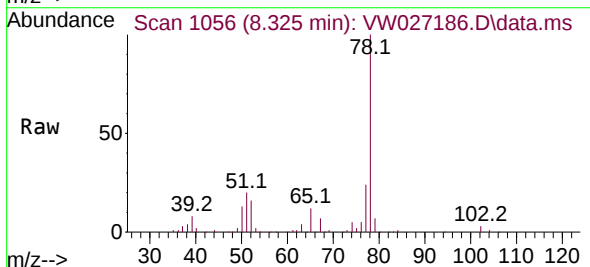
Instrument :
MSVOA_W
ClientSampleId :

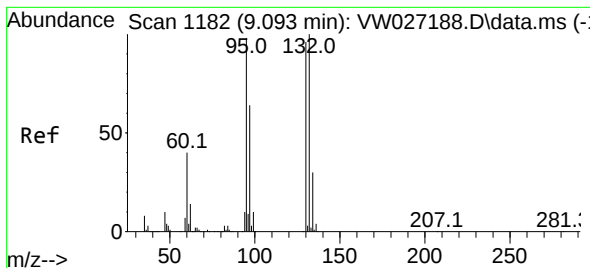
Tgt Ion:117 Resp: 38111
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6



#33
Benzene
Concen: 2.492 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 78 Resp: 110031





#34

Trichloroethene

Concen: 2.522 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

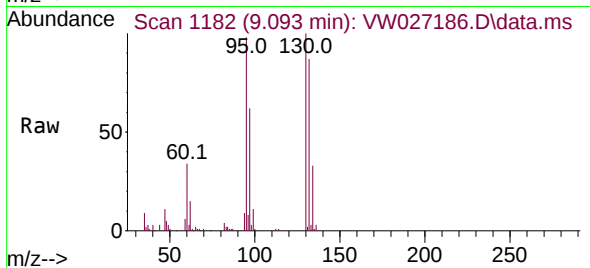
Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 29078

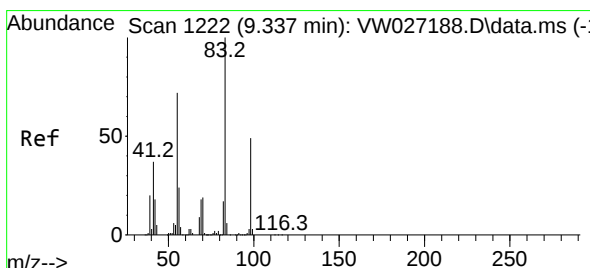
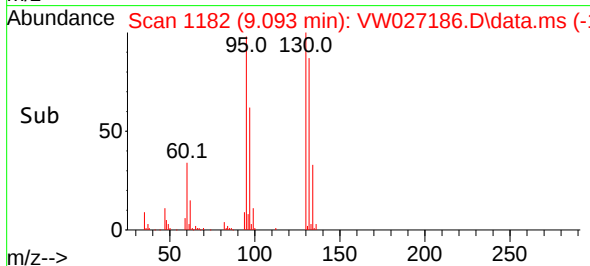
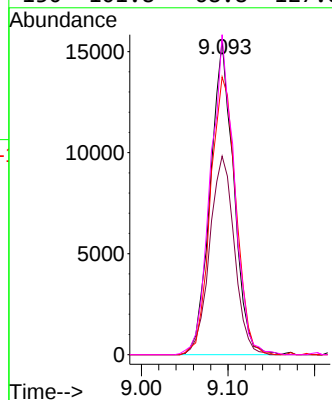
Ion Ratio Lower Upper

95 100

97 63.2 46.1 85.7

132 88.4 71.5 132.9

130 101.8 68.8 127.8



#35

Methylcyclohexane

Concen: 2.180 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

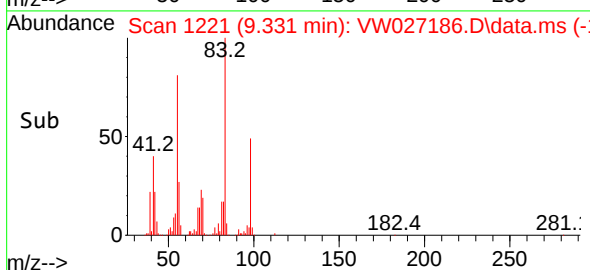
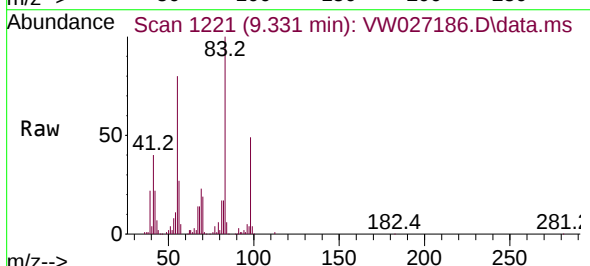
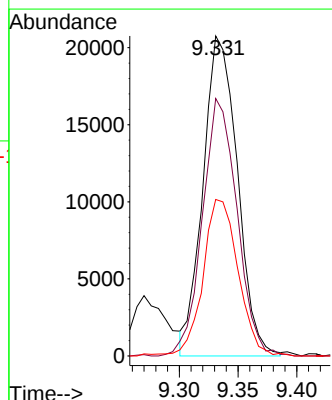
Tgt Ion: 83 Resp: 42288

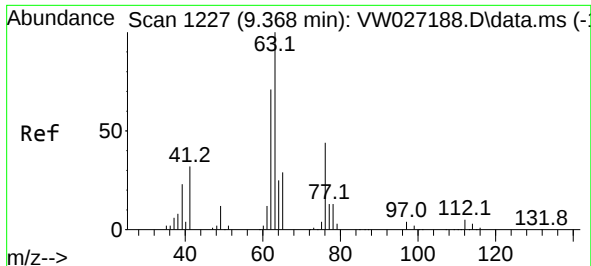
Ion Ratio Lower Upper

83 100

55 80.9 59.1 88.7

98 49.7 38.6 58.0





#37

1,2-Dichloropropane

Concen: 2.529 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

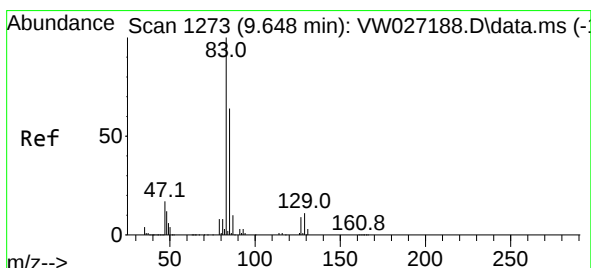
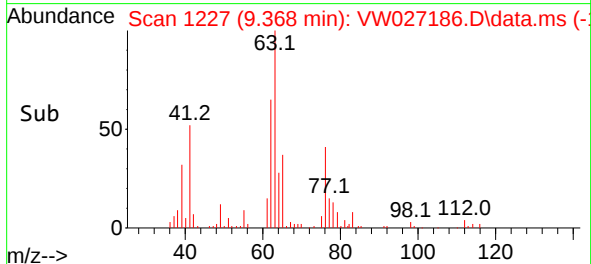
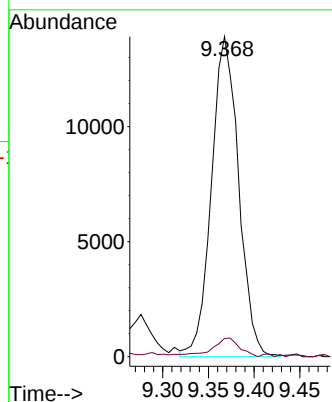
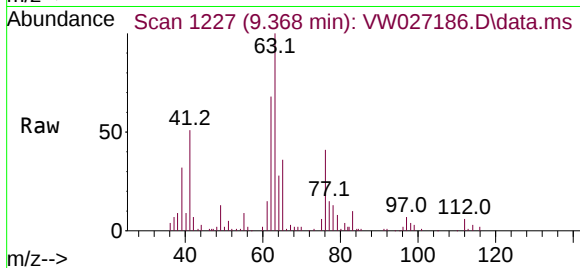
ClientSampleId :

Tgt Ion: 63 Resp: 28787

Ion Ratio Lower Upper

63 100

112 5.8 3.7 5.5#



#38

Bromodichloromethane

Concen: 2.538 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

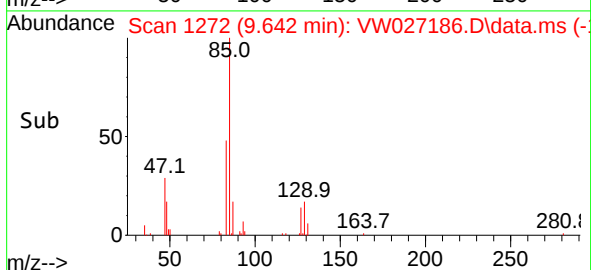
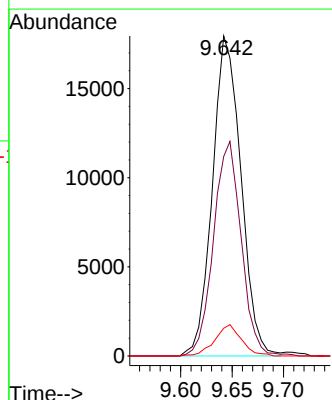
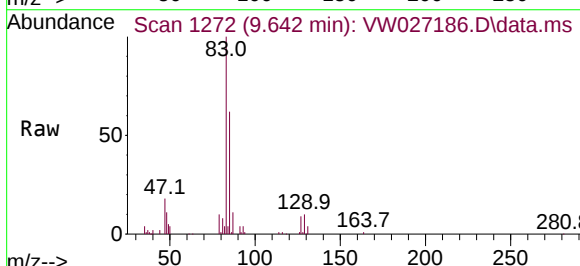
Tgt Ion: 83 Resp: 34682

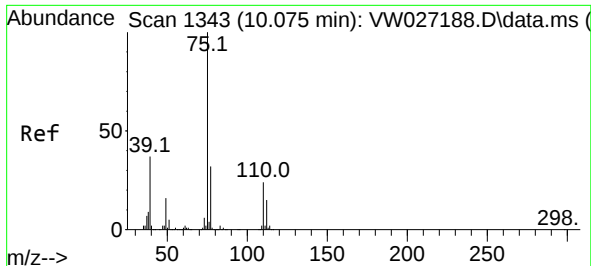
Ion Ratio Lower Upper

83 100

85 62.4 44.7 82.9

127 8.7 7.0 10.6

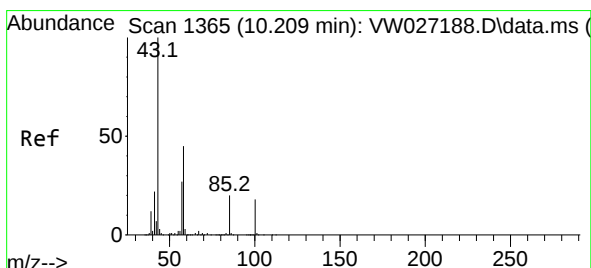
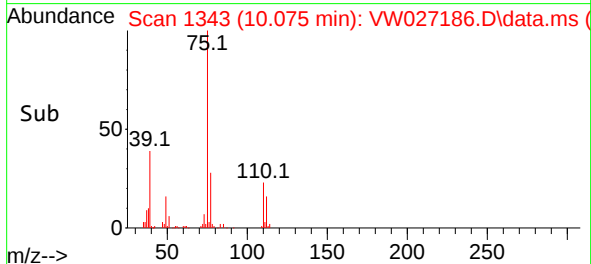
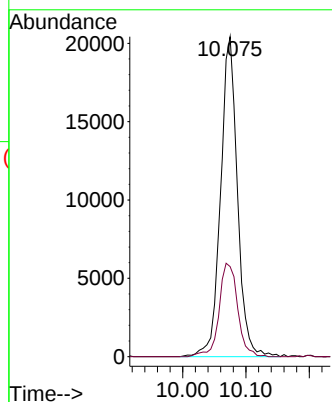
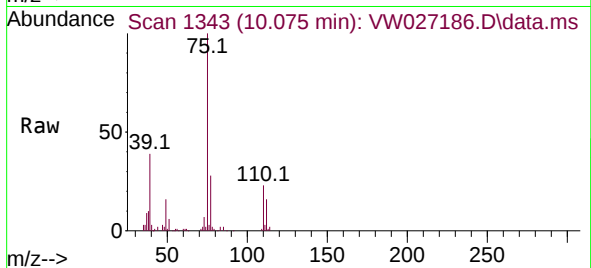




#39
 cis-1,3-Dichloropropene
 Concen: 2.249 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

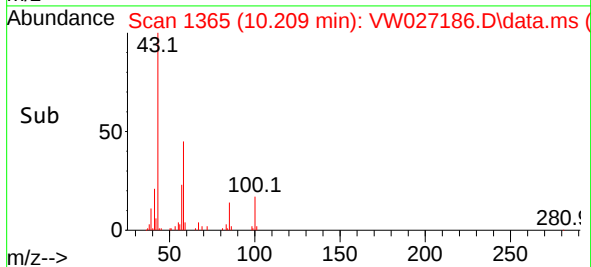
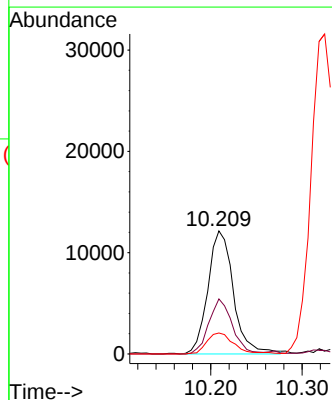
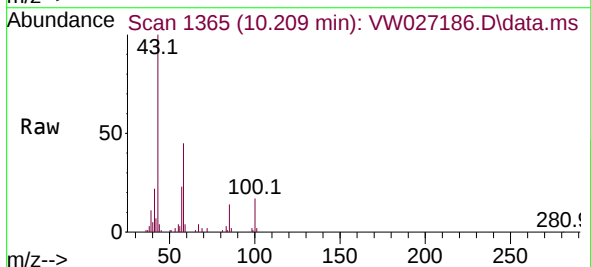
Instrument :
 MSVOA_W
 ClientSampleId :

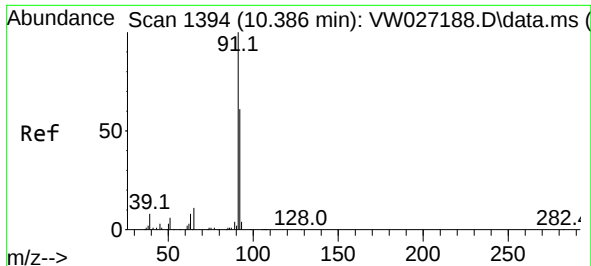
Tgt Ion: 75 Resp: 37705
 Ion Ratio Lower Upper
 75 100
 77 28.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 4.284 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

Tgt Ion: 43 Resp: 23649
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.8 50.6
 100 17.5 13.7 20.5

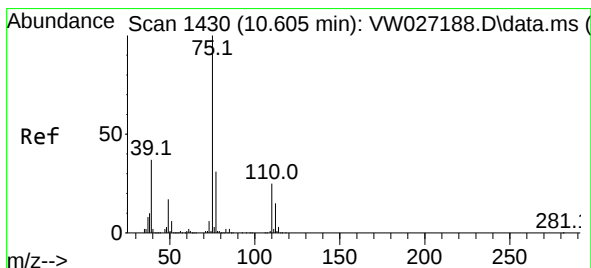
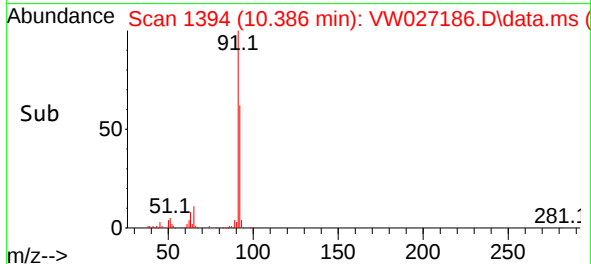
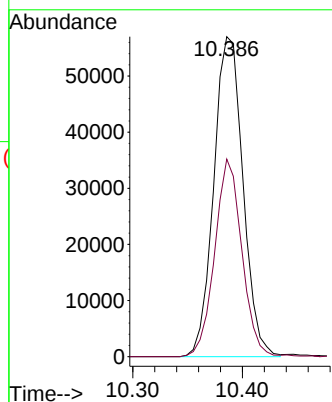
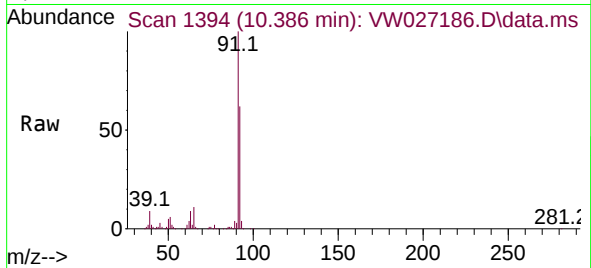




#42
Toluene
Concen: 2.328 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

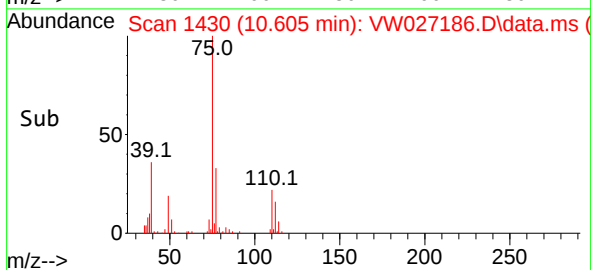
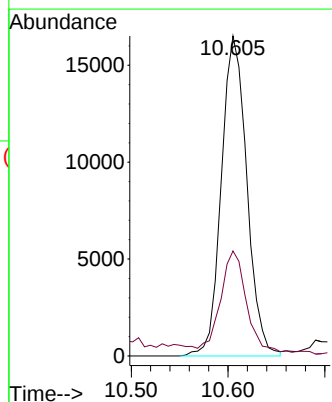
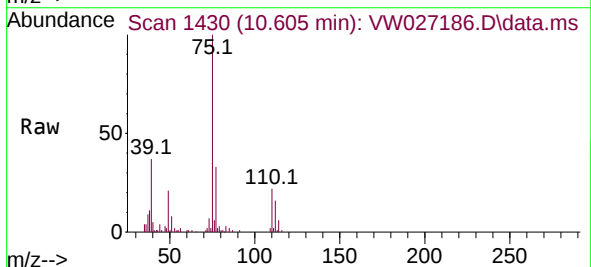
Instrument :
MSVOA_W
ClientSampleId :

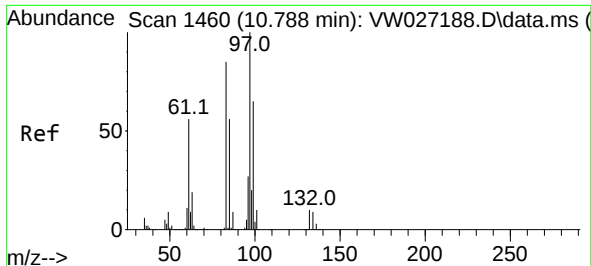
Tgt Ion: 91 Resp: 105574
Ion Ratio Lower Upper
91 100
92 61.7 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 2.197 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

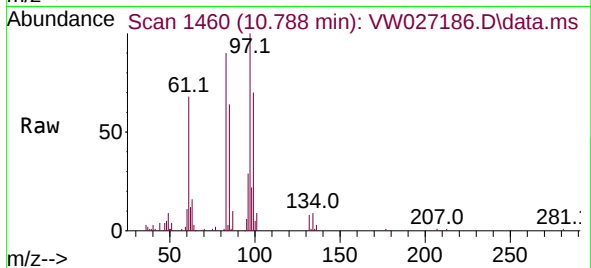
Tgt Ion: 75 Resp: 30190
Ion Ratio Lower Upper
75 100
77 32.8 21.6 40.2



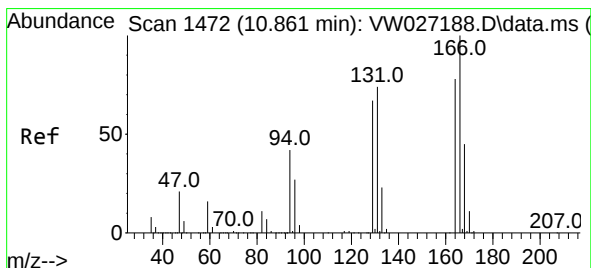
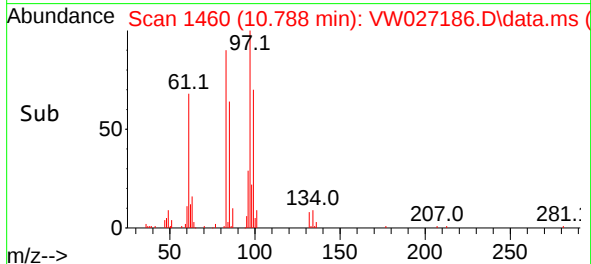
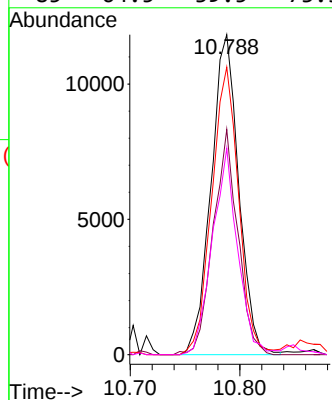


#45
1,1,2-Trichloroethane
Concen: 2.525 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Instrument :
MSVOA_W
ClientSampleId :

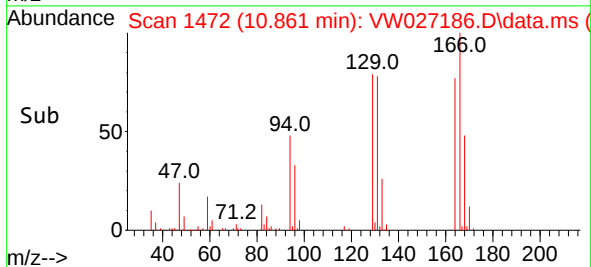
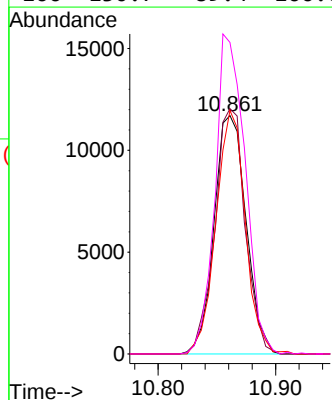
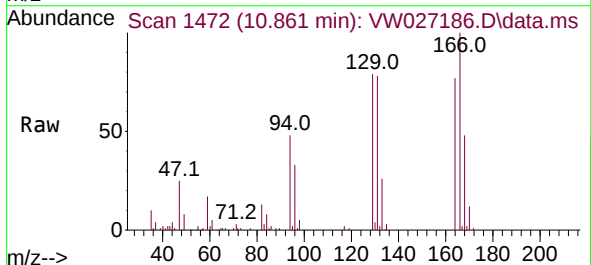


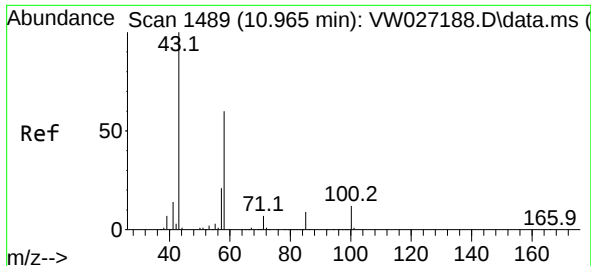
Tgt Ion: 97	Resp: 20790
Ion Ratio	Lower Upper
97 100	
99 70.4	45.3 84.1
83 89.9	59.5 110.5
85 64.5	39.5 73.3



#46
Tetrachloroethene
Concen: 2.437 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

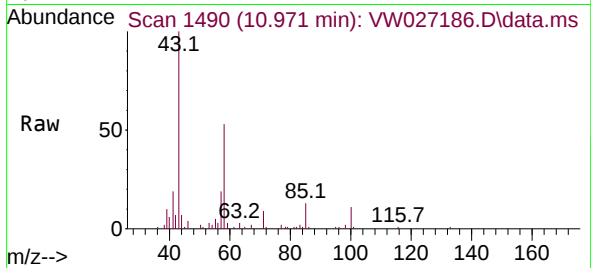
Tgt	Ion:164	Resp:	22092
Ion	Ratio	Lower	Upper
164	100		
129	102.9	60.3	112.1
131	102.1	66.1	122.7
166	130.7	89.4	166.0



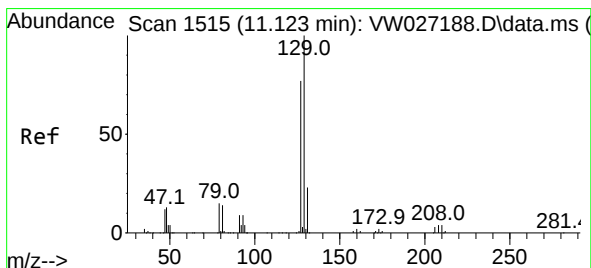
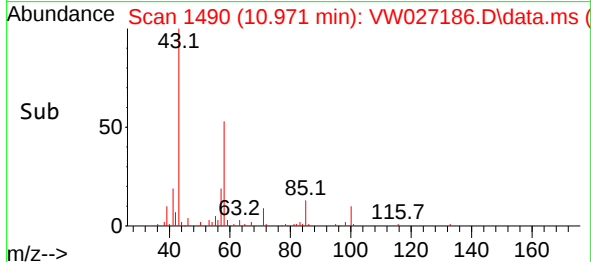
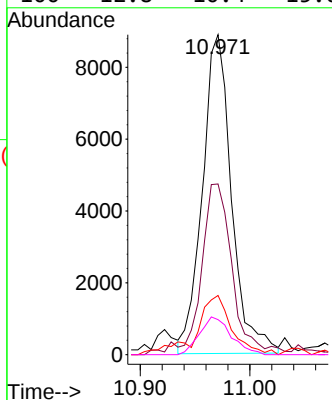


#48
2-Hexanone
Concen: 3.793 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Instrument :
MSVOA_W
ClientSampleId :

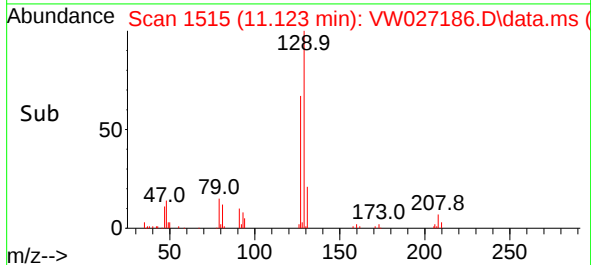
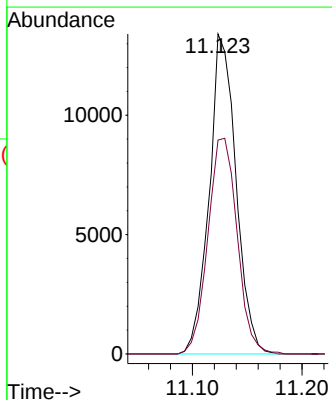
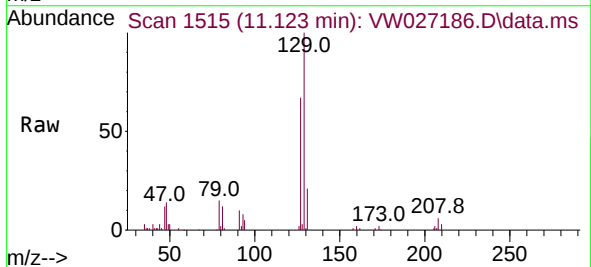


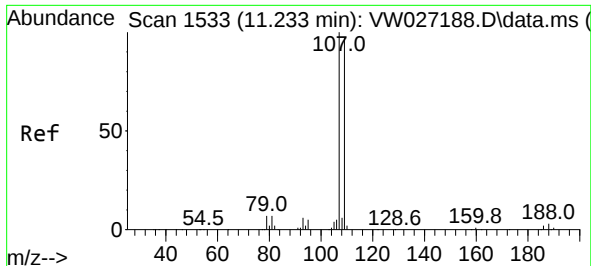
Tgt Ion: 43 Resp: 16415
Ion Ratio Lower Upper
43 100
58 54.1 47.2 70.8
57 18.4 15.9 23.9
100 12.8 10.4 15.6



#49
Dibromochloromethane
Concen: 2.548 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 129 Resp: 22755
Ion Ratio Lower Upper
129 100
127 66.9 54.2 100.6

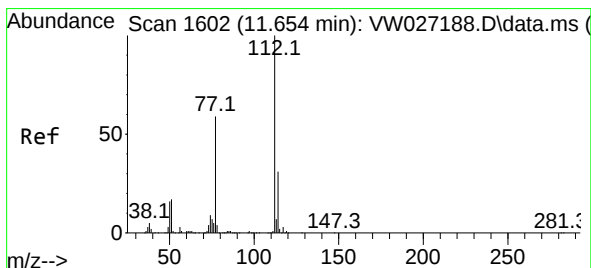
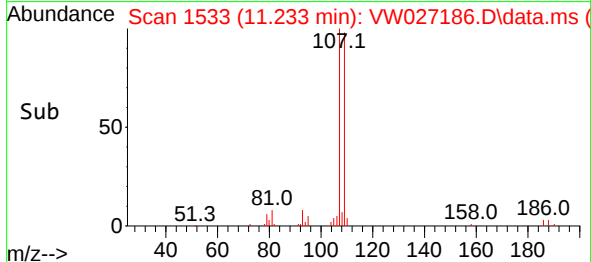
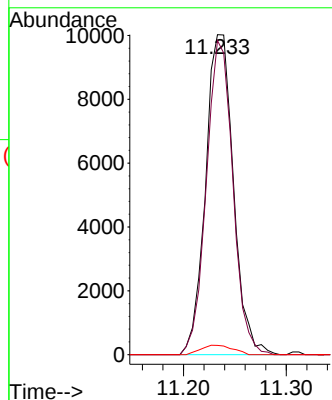
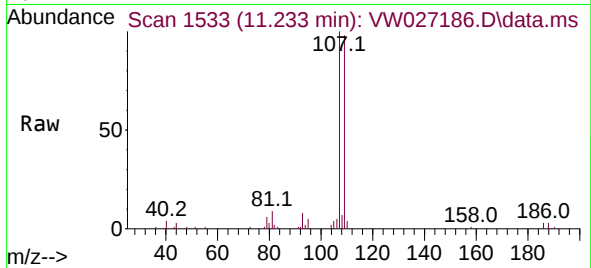




#50
1,2-Dibromoethane
Concen: 2.474 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

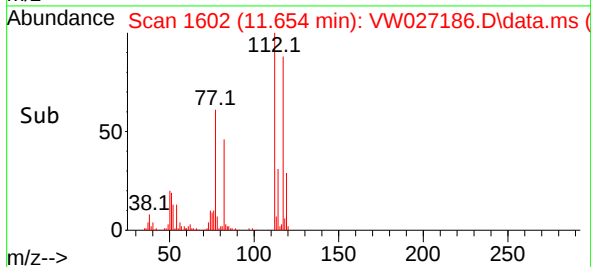
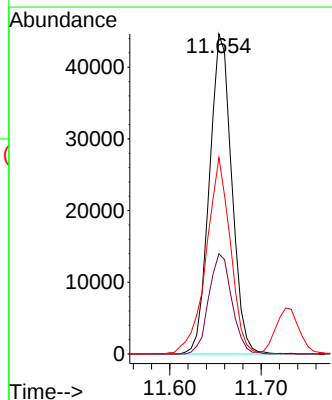
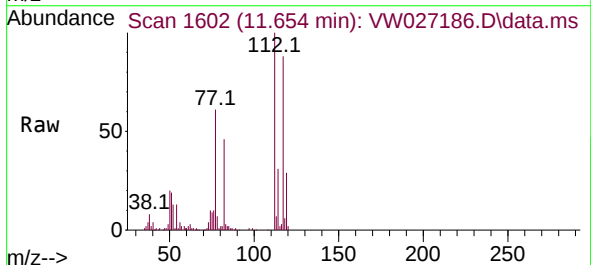
Instrument :
MSVOA_W
ClientSampleId :

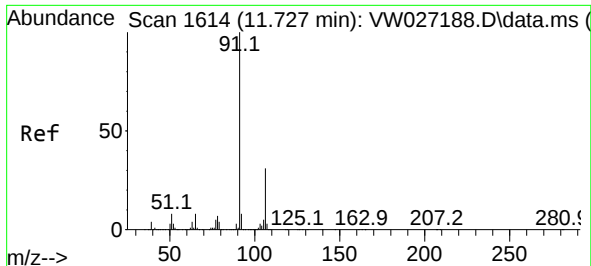
Tgt Ion:107 Resp: 18902
Ion Ratio Lower Upper
107 100
109 98.1 68.2 126.6
188 2.9 2.6 4.0



#51
Chlorobenzene
Concen: 2.517 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion:112 Resp: 75762
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 61.4 47.4 71.0

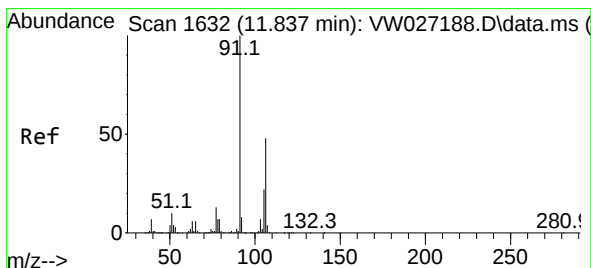
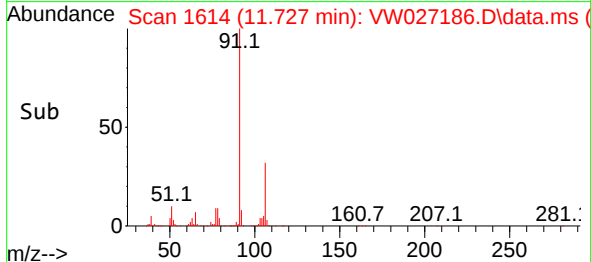
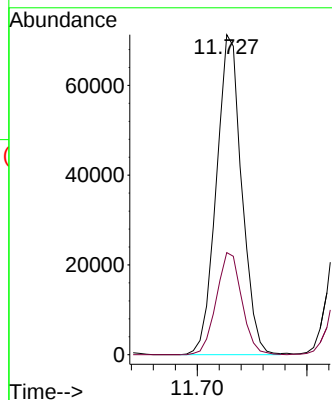
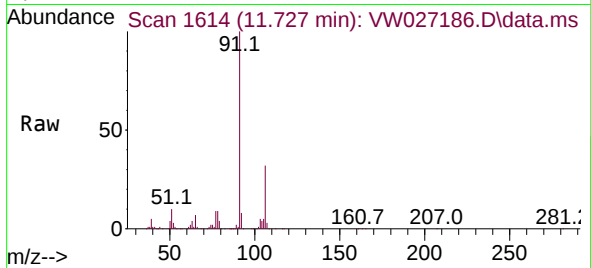




#52
Ethylbenzene
Concen: 2.250 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

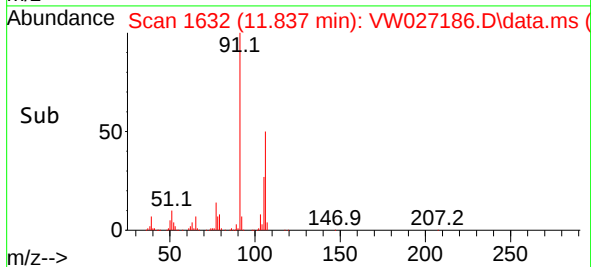
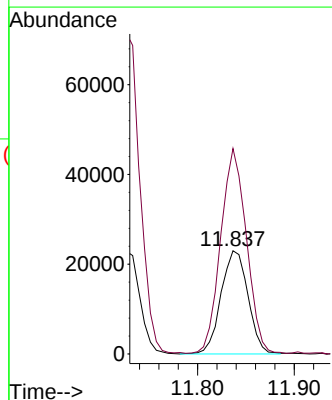
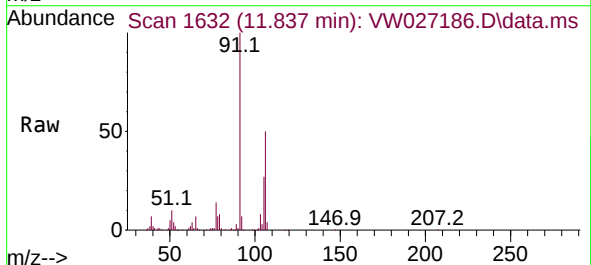
Instrument :
MSVOA_W
ClientSampleId :

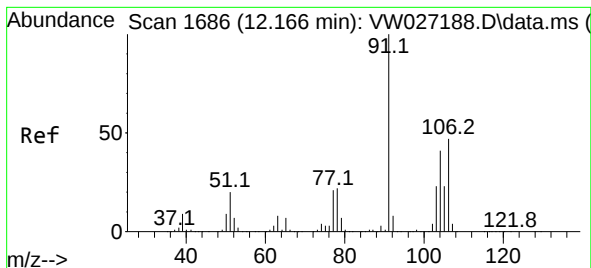
Tgt Ion: 91 Resp: 114624
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6



#53
m,p-Xylene
Concen: 2.277 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion: 106 Resp: 44477
Ion Ratio Lower Upper
106 100
91 198.9 145.9 270.9





#54

o-Xylene

Concen: 2.175 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

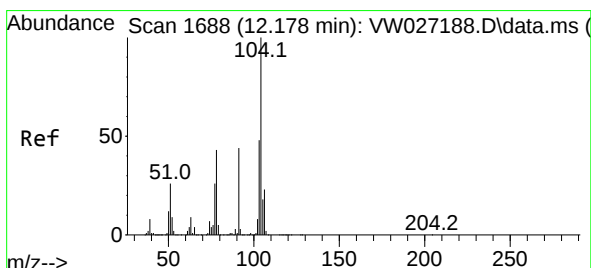
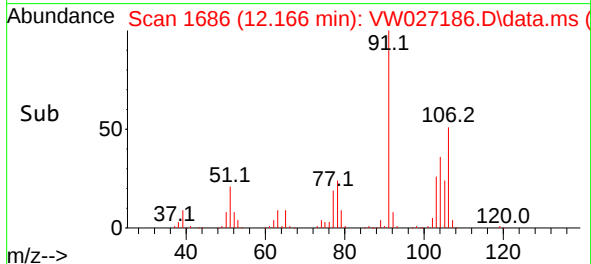
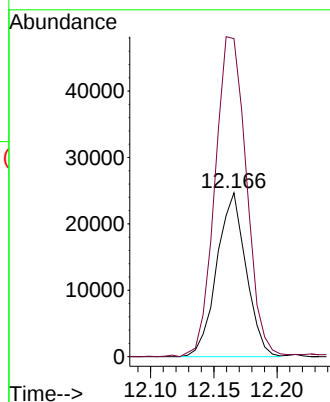
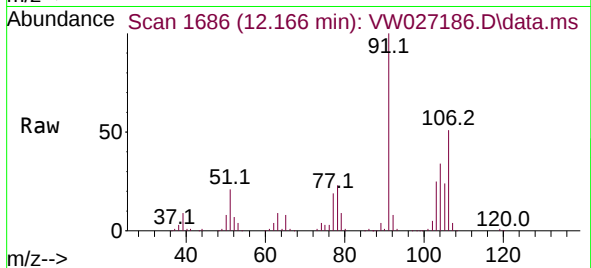
ClientSampleId :

Tgt Ion:106 Resp: 39685

Ion Ratio Lower Upper

106 100

91 194.2 149.5 277.7



#55

Styrene

Concen: 2.071 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027186.D

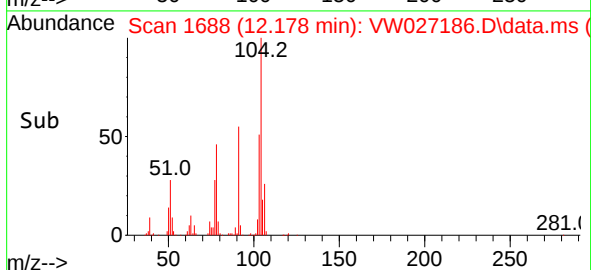
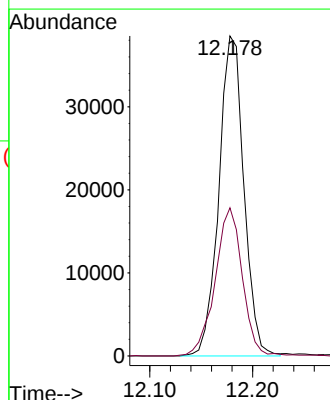
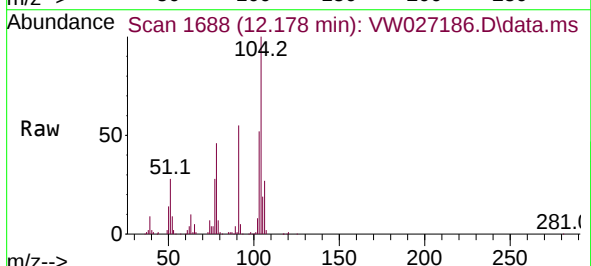
Acq: 27 Sep 2023 10:31

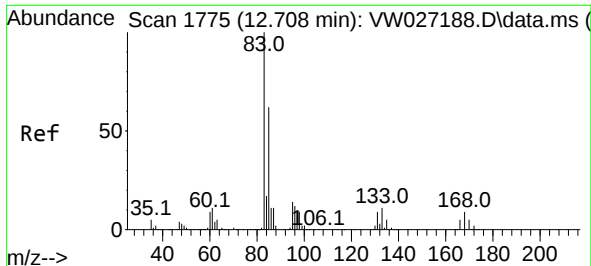
Tgt Ion:104 Resp: 65069

Ion Ratio Lower Upper

104 100

78 46.3 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 2.570 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027186.D

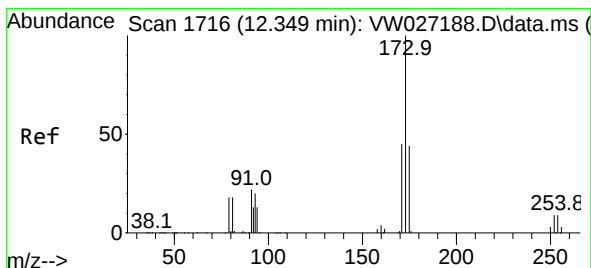
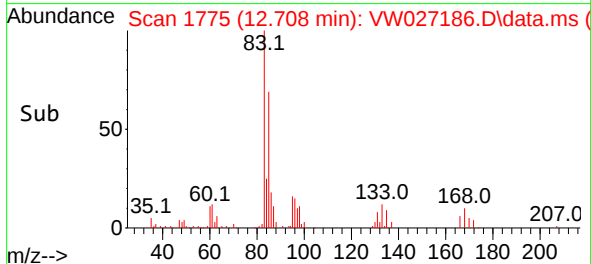
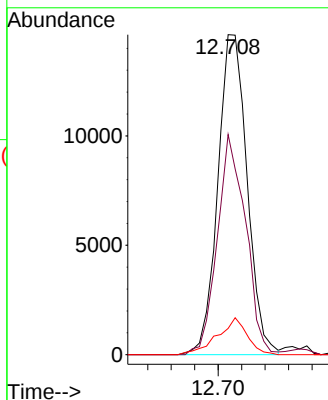
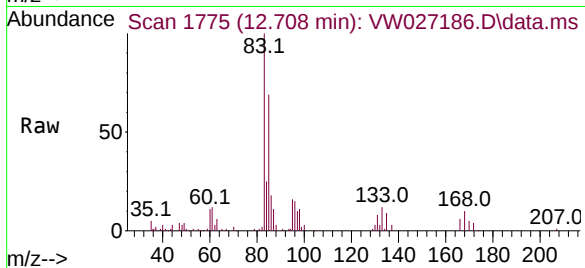
Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	25380
Ion	Ratio	Lower	Upper
83	100		
85	68.8	43.5	80.7
131	8.2	7.6	11.4



#59

Bromoform

Concen: 2.487 ug/L

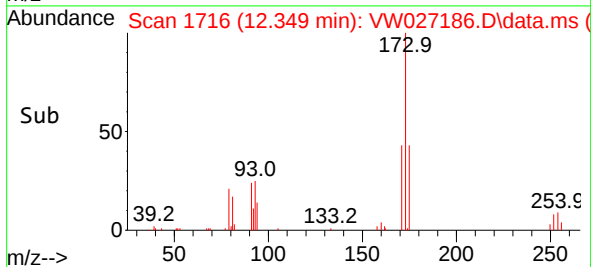
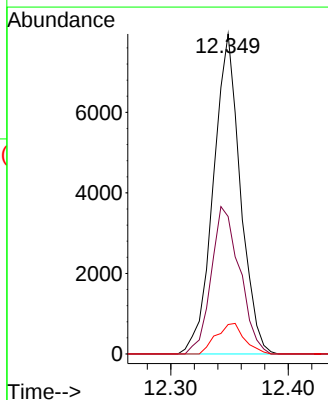
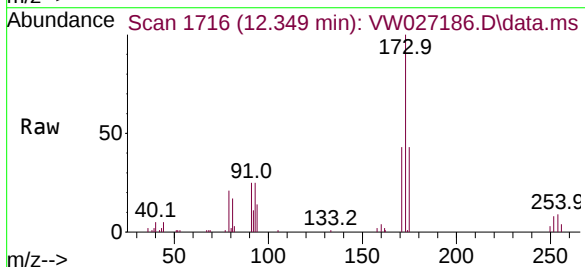
RT: 12.349 min Scan# 1716

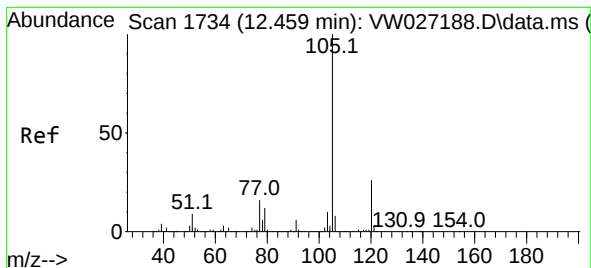
Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Tgt Ion:	173	Resp:	12682
Ion	Ratio	Lower	Upper
173	100		
175	48.7	37.1	55.7
254	10.0	7.2	10.8





#60

Isopropylbenzene

Concen: 2.204 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :

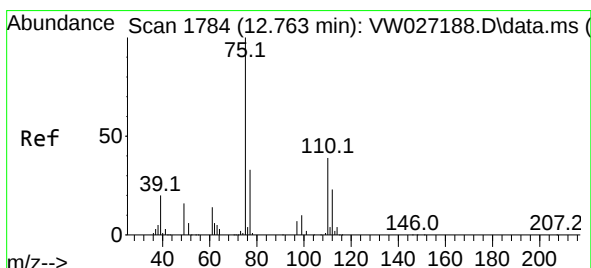
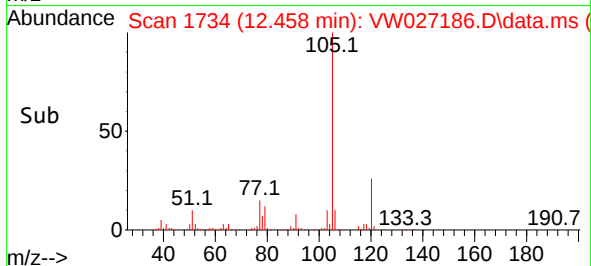
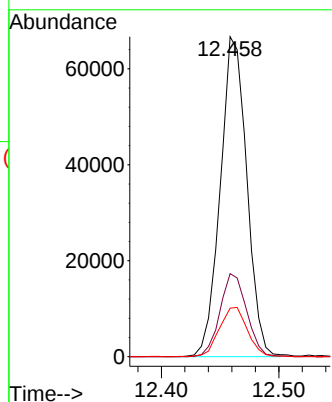
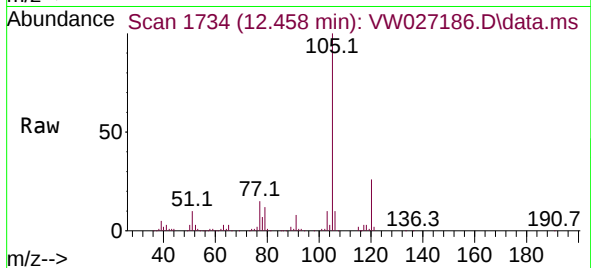
Tgt Ion:105 Resp: 104795

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

77 16.2 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 2.681 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

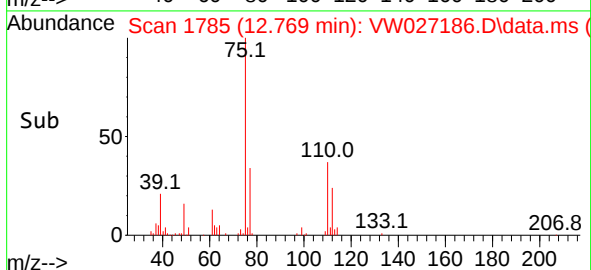
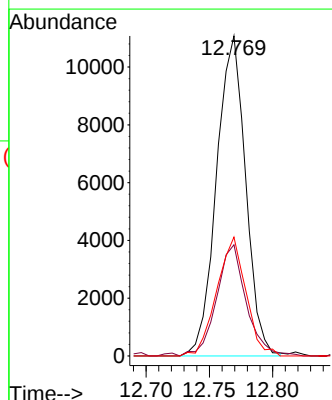
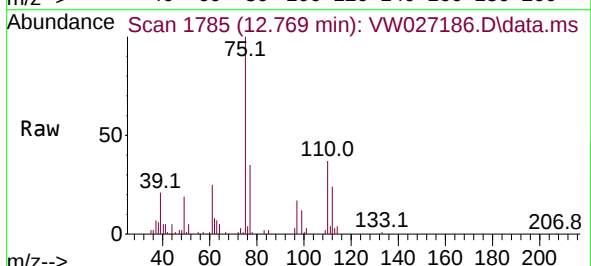
Tgt Ion: 75 Resp: 17721

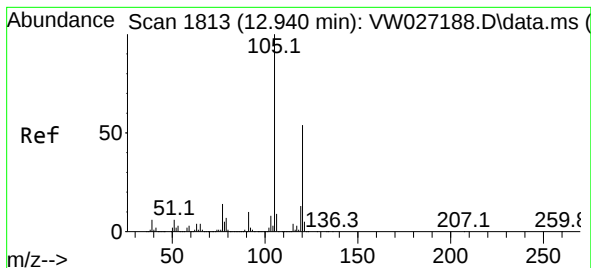
Ion Ratio Lower Upper

75 100

77 35.2 26.2 39.2

110 37.2 31.2 46.8

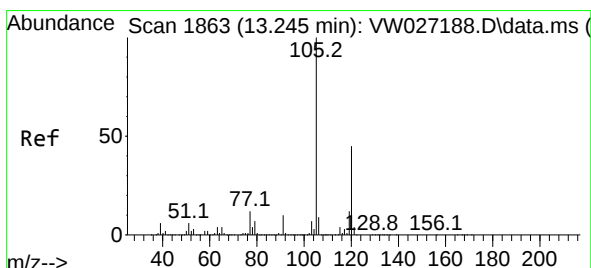
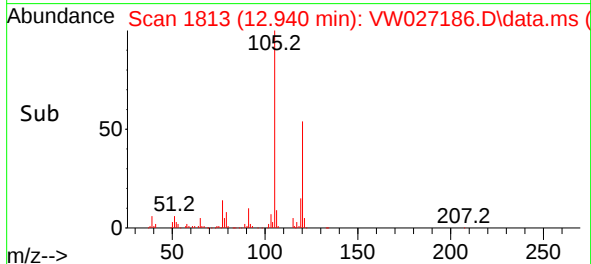
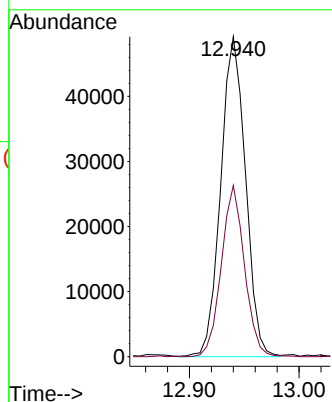
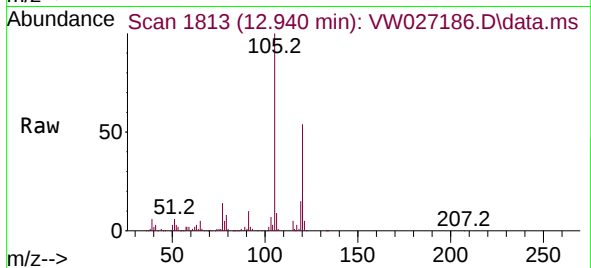




#62
 1,3,5-Trimethylbenzene
 Concen: 2.069 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

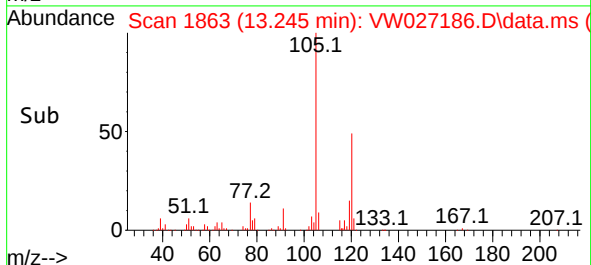
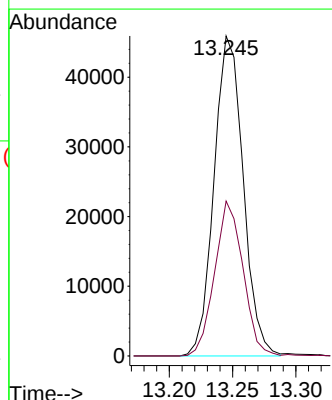
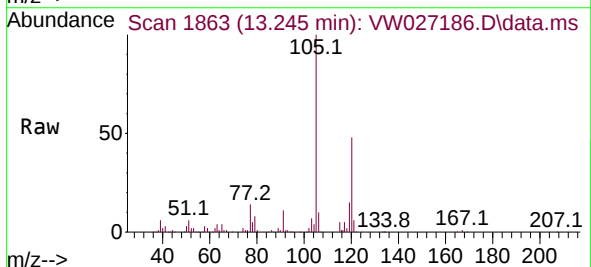
Instrument :
 MSVOA_W
 ClientSampleId :

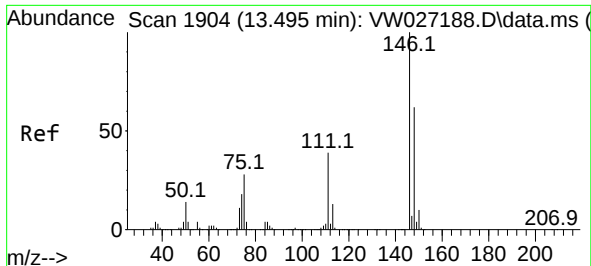
Tgt Ion:105 Resp: 77134
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 2.014 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027186.D
 Acq: 27 Sep 2023 10:31

Tgt Ion:105 Resp: 73554
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.8 55.2

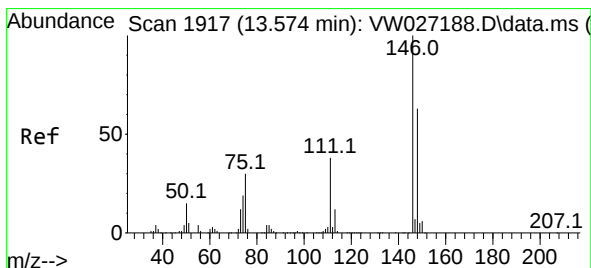
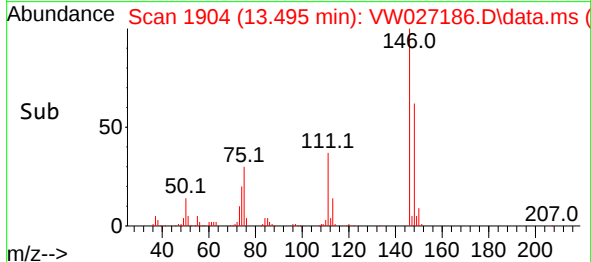
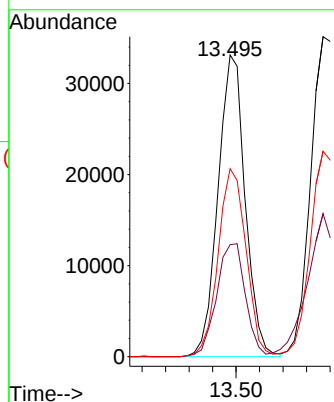
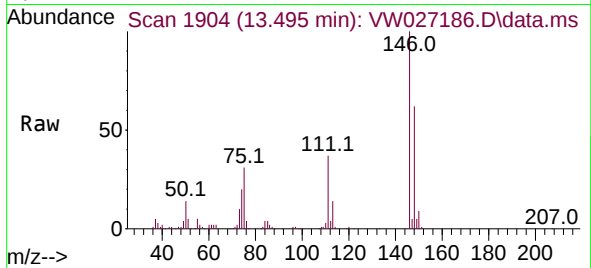




#64
1,3-Dichlorobenzene
Concen: 2.425 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

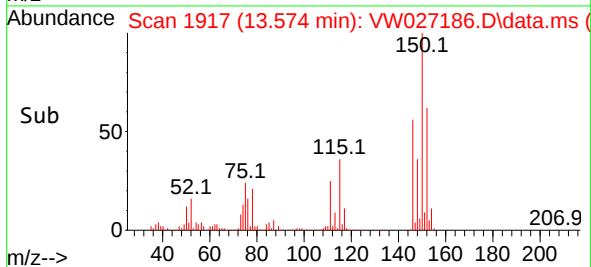
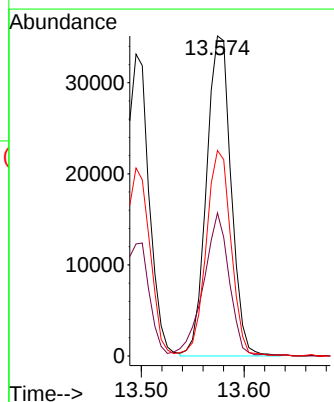
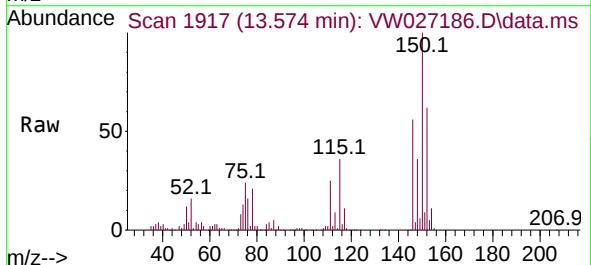
Instrument :
MSVOA_W
ClientSampleId :

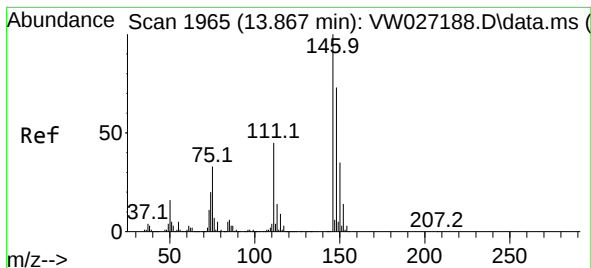
Tgt Ion:146 Resp: 53220
Ion Ratio Lower Upper
146 100
111 37.1 26.9 50.1
148 62.3 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 2.659 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027186.D
Acq: 27 Sep 2023 10:31

Tgt Ion:146 Resp: 58631
Ion Ratio Lower Upper
146 100
111 44.7 26.9 50.1
148 64.2 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 2.589 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :

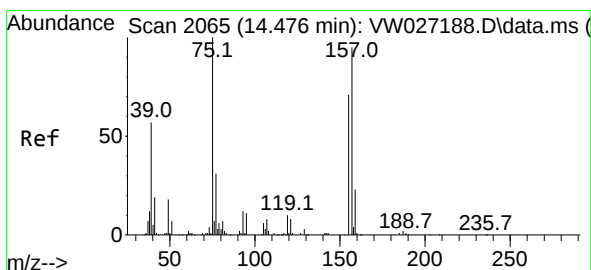
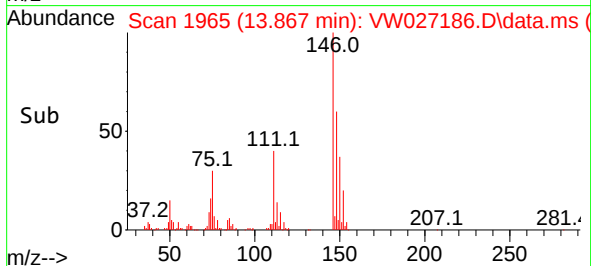
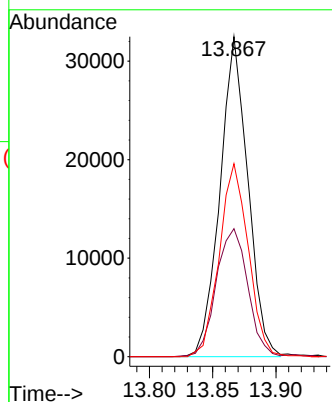
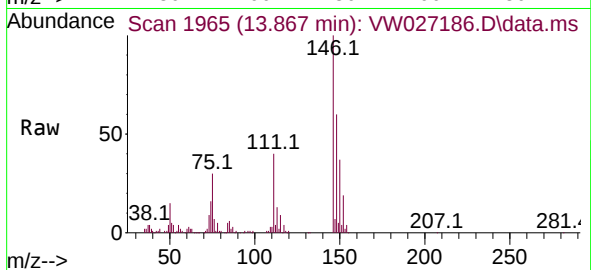
Tgt Ion:146 Resp: 49802

Ion Ratio Lower Upper

146 100

111 40.0 35.6 53.4

148 60.3 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.875 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

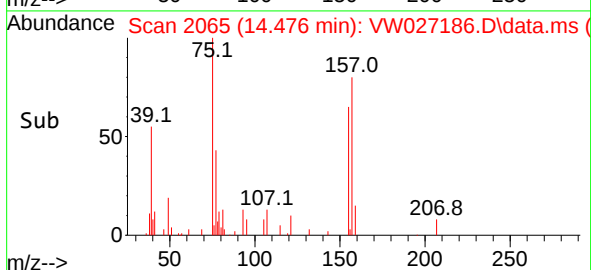
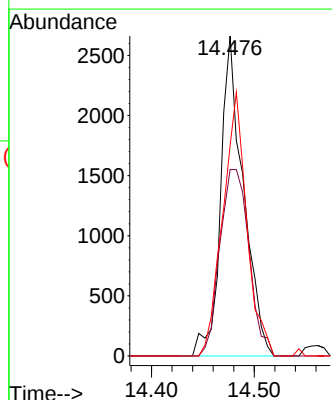
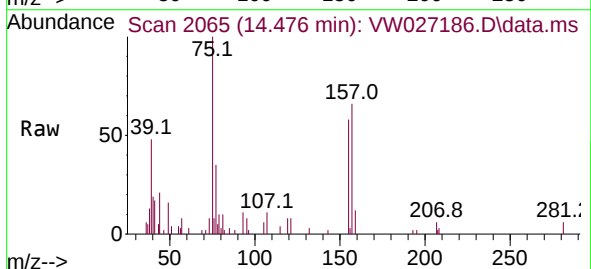
Tgt Ion: 75 Resp: 4071

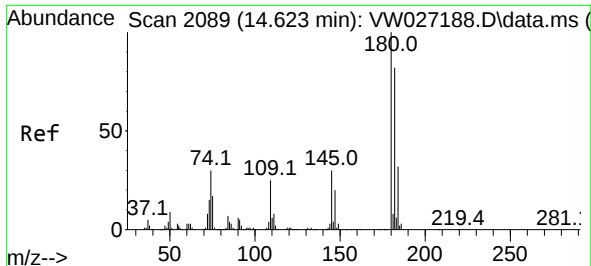
Ion Ratio Lower Upper

75 100

155 58.3 56.5 84.7

157 65.8 75.9 113.9#





#69

1,3,5-Trichlorobenzene

Concen: 2.519 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

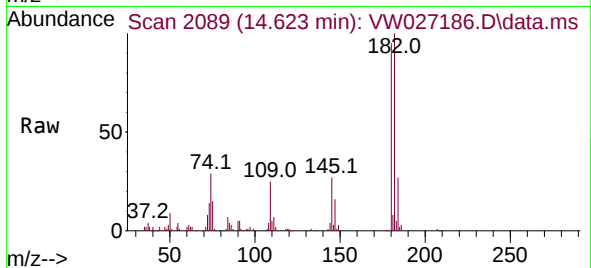
Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 35598

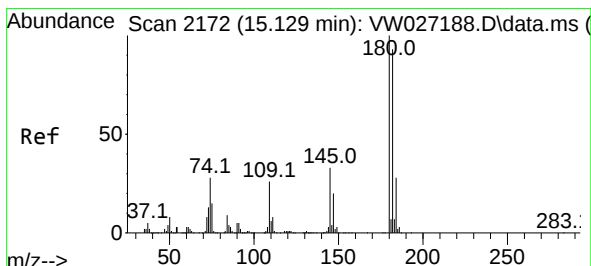
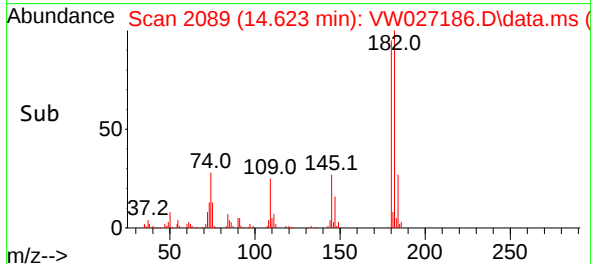
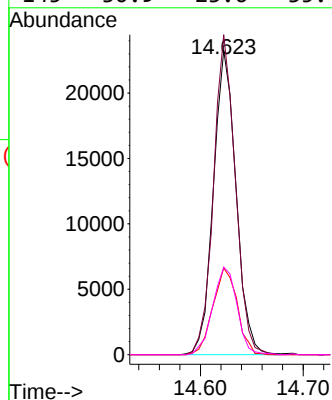
Ion Ratio Lower Upper

180 100

182 101.1 70.2 105.2

184 30.5 24.6 37.0

145 30.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.424 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

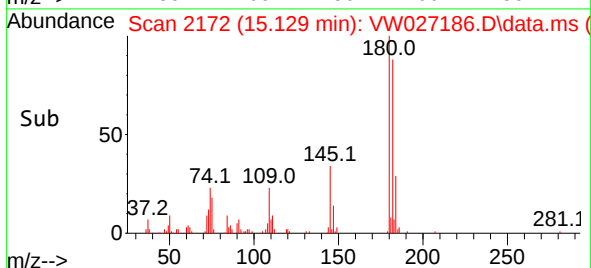
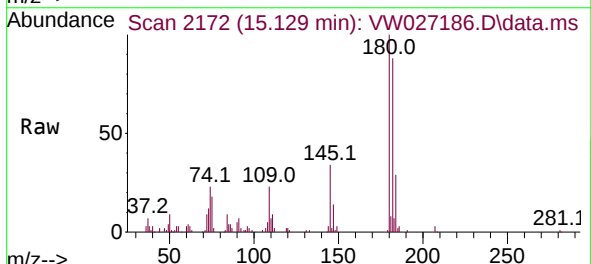
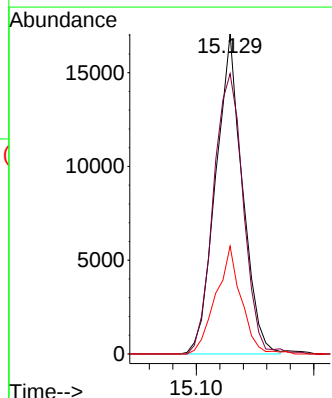
Tgt Ion:180 Resp: 27022

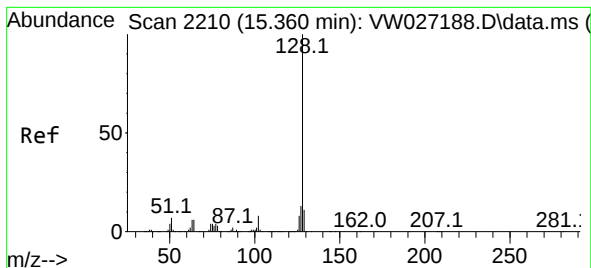
Ion Ratio Lower Upper

180 100

182 96.6 77.4 116.2

145 31.6 24.3 36.5





#71

Naphthalene

Concen: 2.224 ug/L

RT: 15.366 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Instrument :

MSVOA_W

ClientSampleId :

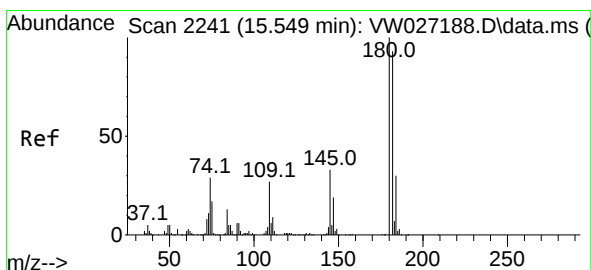
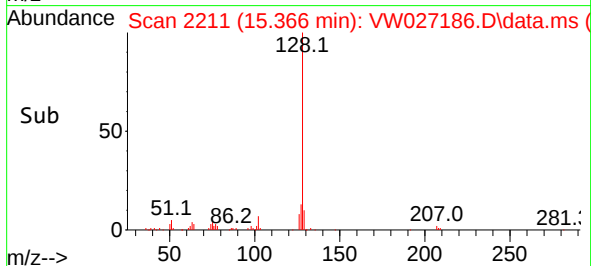
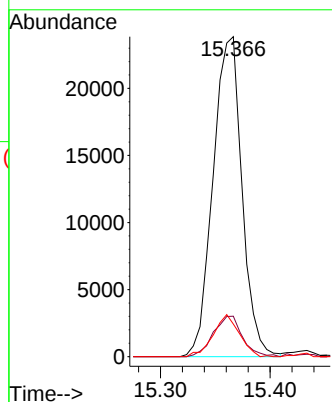
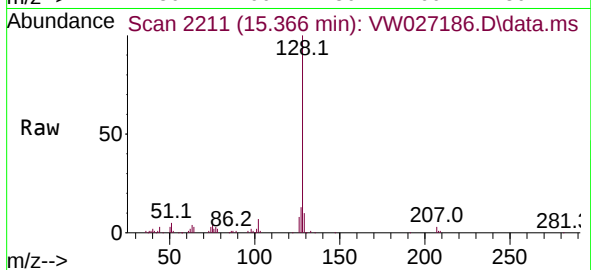
Tgt Ion:128 Resp: 43742

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 2.697 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027186.D

Acq: 27 Sep 2023 10:31

Tgt Ion:180 Resp: 26685

Ion Ratio Lower Upper

180 100

182 85.6 74.7 112.1

145 32.5 26.4 39.6

