

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026486.D
 Acq On : 30 Jun 2023 20:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Jun 30 23:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	806577	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	729162	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	222359	24.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.840%
7) Chloroethane-d5	2.899	69	182523	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	4.027	65	111666	24.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.200%
21) 2-Butanone-d5	7.075	46	191799	55.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.520%
24) Chloroform-d	7.648	84	504067	25.639	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	8.307	65	273128	25.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.276	84	1025483	24.182	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	9.270	67	331538	24.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.325	98	892922	23.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.575	79	125888	23.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.440%
47) 2-Hexanone-d5	10.922	63	132022	58.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278900	26.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	286340	24.075	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	195273	24.810	ug/L	# 89
3) Chloromethane	2.228	50	319931	28.837	ug/L	99
5) Vinyl chloride	2.375	62	303176	26.514	ug/L	99
6) Bromomethane	2.789	94	171437	26.364	ug/L	100
8) Chloroethane	2.930	64	180584	26.040	ug/L	99
9) Trichlorofluoromethane	3.265	101	201837	24.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	248471	26.924	ug/L	98
12) 1,1-Dichloroethene	4.045	96	243337	26.940	ug/L	96
13) Acetone	4.118	43	114669	46.770	ug/L	99
14) Carbon disulfide	4.393	76	777763	26.607	ug/L	99
15) Methyl Acetate	4.667	43	170317	31.993	ug/L	100
16) Methylene chloride	4.917	84	289452	21.238	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	268106	27.594	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	490745	30.906	ug/L	99
19) 1,1-Dichloroethane	6.216	63	559998	28.643	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	305423	27.752	ug/L	96
22) 2-Butanone	7.173	43	215662	53.651	ug/L	99
23) Bromochloromethane	7.514	128	125526	27.424	ug/L	96
25) Chloroform	7.679	83	516518	27.220	ug/L	98

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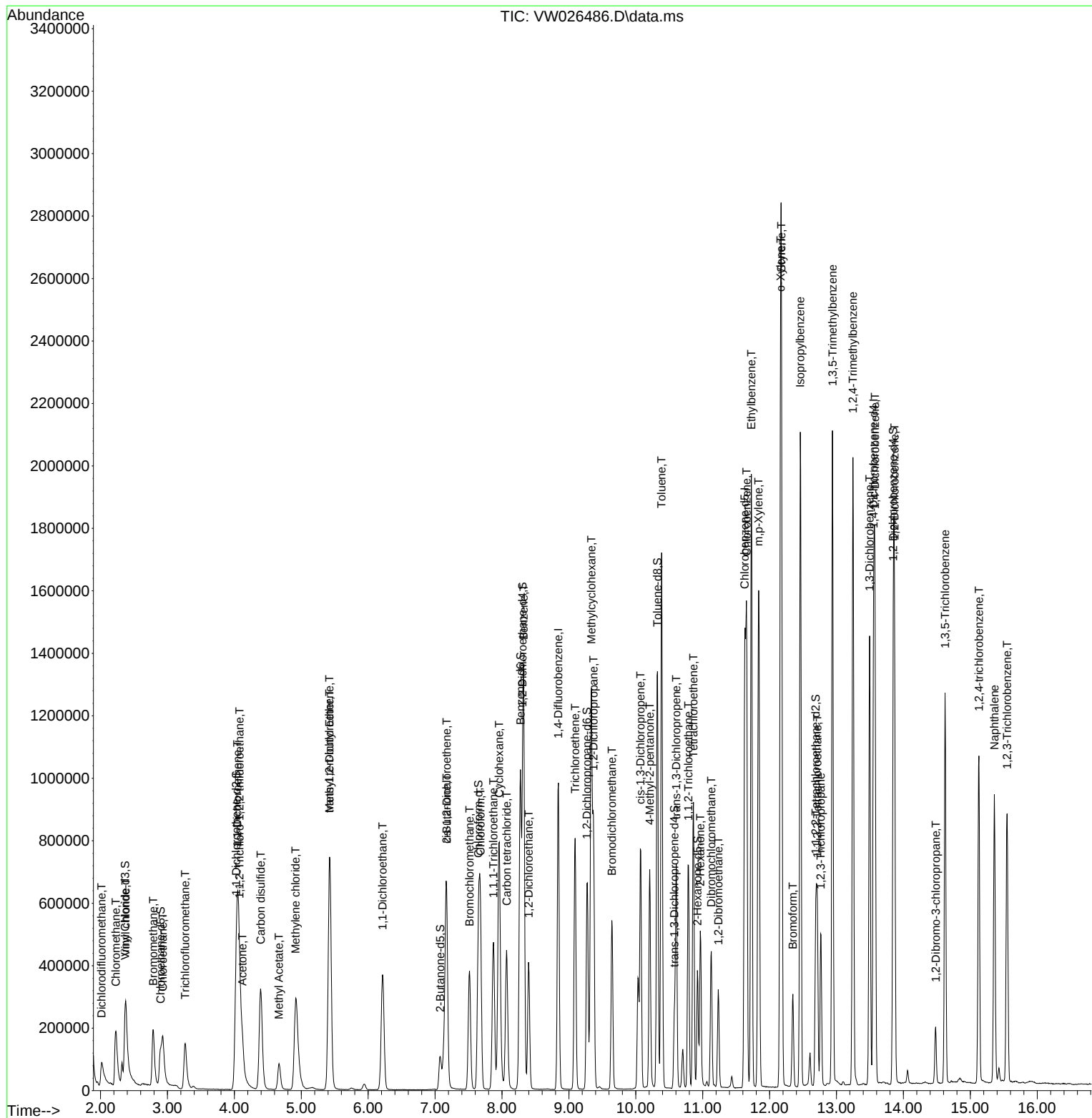
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	357500	27.553	ug/L	99
29) Cyclohexane	7.959	56	507848	24.568	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	385040	24.789	ug/L	99
31) Carbon tetrachloride	8.069	117	343808	24.585	ug/L	99
33) Benzene	8.325	78	1182315	25.893	ug/L	100
34) Trichloroethene	9.093	95	291997	25.103	ug/L	97
35) Methylcyclohexane	9.337	83	511280	24.673	ug/L	99
37) 1,2-Dichloropropane	9.367	63	324390	26.761	ug/L	99
38) Bromodichloromethane	9.642	83	367481	27.010	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	464168	25.584	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	487987	58.632	ug/L	99
42) Toluene	10.386	91	1210434	25.910	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	384274	25.916	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	224984	27.247	ug/L	97
46) Tetrachloroethene	10.861	164	201254	24.473	ug/L	93
48) 2-Hexanone	10.965	43	336177	60.177	ug/L	98
49) Dibromochloromethane	11.129	129	226659	27.559	ug/L	99
50) 1,2-Dibromoethane	11.233	107	214495	28.249	ug/L	95
51) Chlorobenzene	11.654	112	755816	26.148	ug/L	97
52) Ethylbenzene	11.727	91	1357035	25.814	ug/L	100
53) m,p-Xylene	11.836	106	508832	26.104	ug/L	94
54) o-Xylene	12.166	106	494231	27.338	ug/L	98
55) Styrene	12.178	104	848823	27.506	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	291139	28.875	ug/L	97
59) Bromoform	12.349	173	129408	28.612	ug/L	96
60) Isopropylbenzene	12.458	105	1318537	26.465	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	211042	28.268	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1081435	27.297	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1084958	28.032	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	558357	26.711	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	553287	26.614	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	496472	26.246	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	49163	28.737	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	361516	25.405	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	320121	25.992	ug/L	99
71) Naphthalene	15.360	128	745243	29.686	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	279715	26.410	ug/L	98

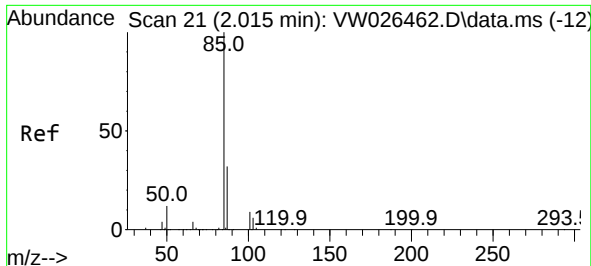
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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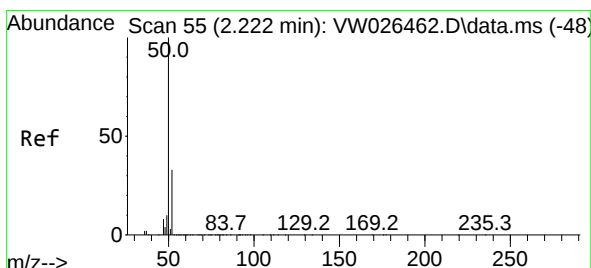
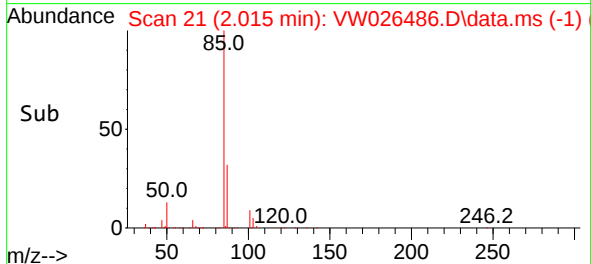
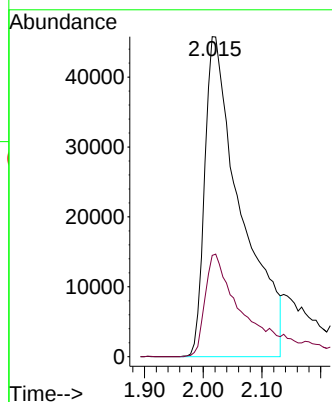
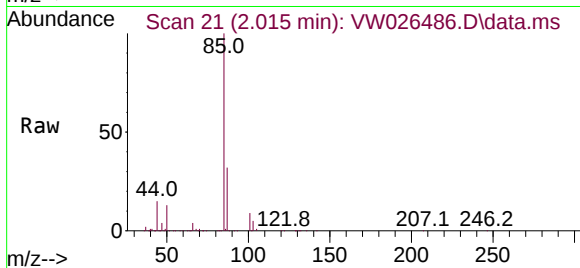




#2
 Dichlorodifluoromethane
 Concen: 24.810 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

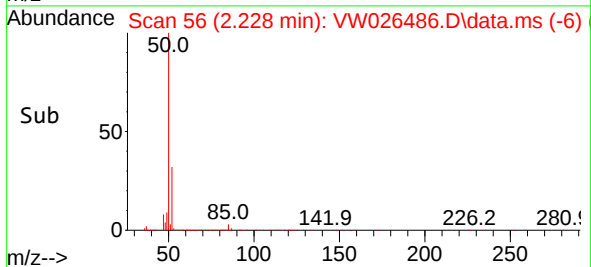
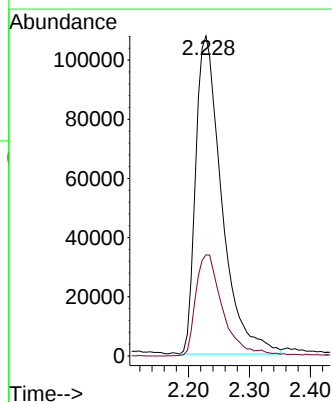
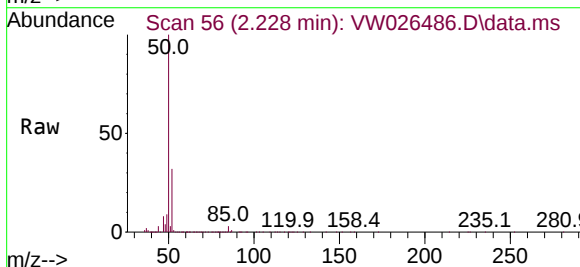
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 ClientSampleId :
 VSTD025546

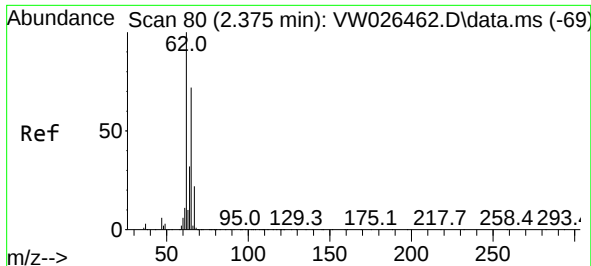
Tgt Ion: 85 Resp: 195273
 Ion Ratio Lower Upper
 85 100
 87 29.3 19.0 28.4#



#3
 Chloromethane
 Concen: 28.837 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

Tgt Ion: 50 Resp: 319931
 Ion Ratio Lower Upper
 50 100
 52 31.6 21.7 40.3

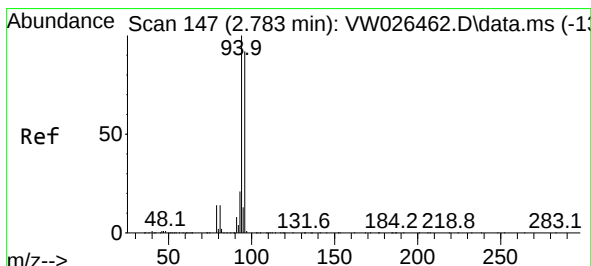
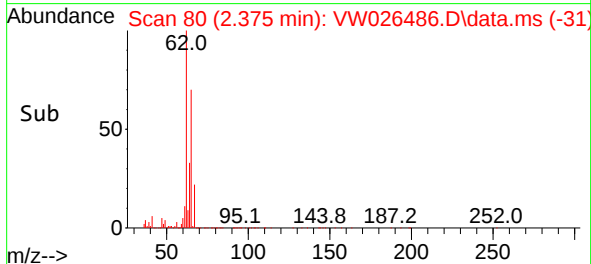
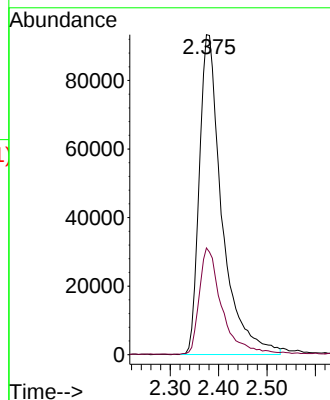
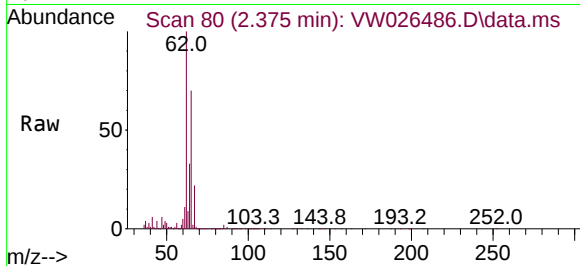




#5
 Vinyl chloride
 Concen: 26.514 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

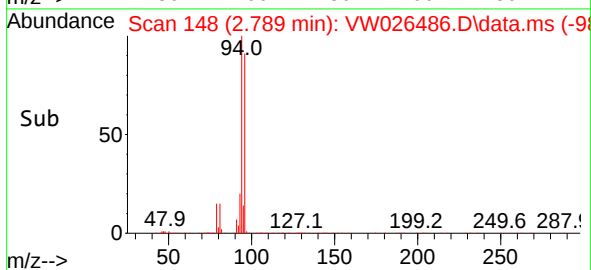
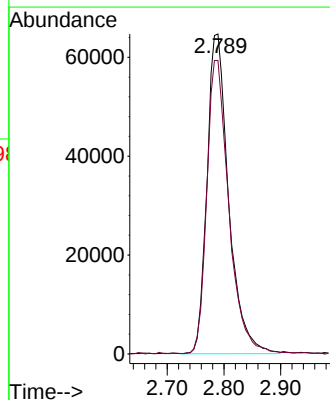
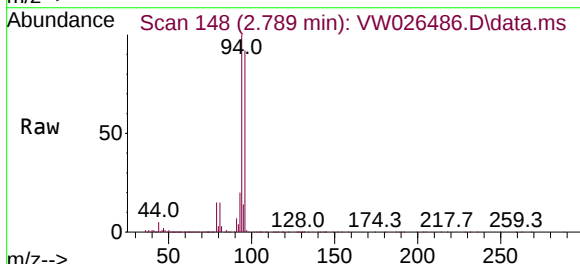
Instrument :
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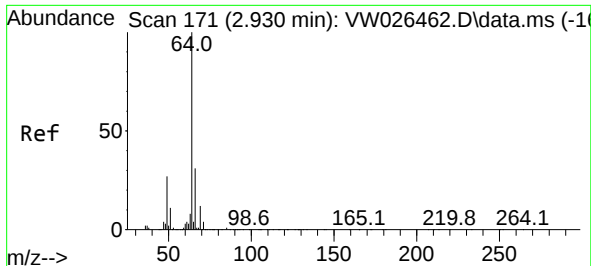
Tgt Ion: 62 Resp: 303176
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.8



#6
 Bromomethane
 Concen: 26.364 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

Tgt Ion: 94 Resp: 171437
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.3 119.3

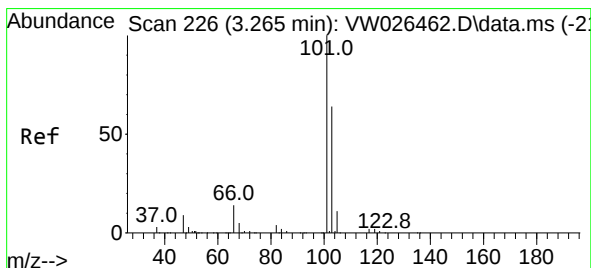
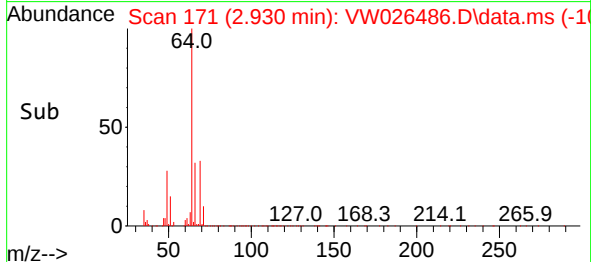
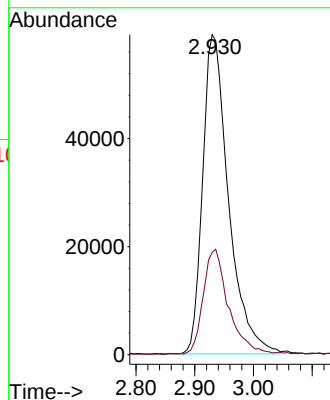
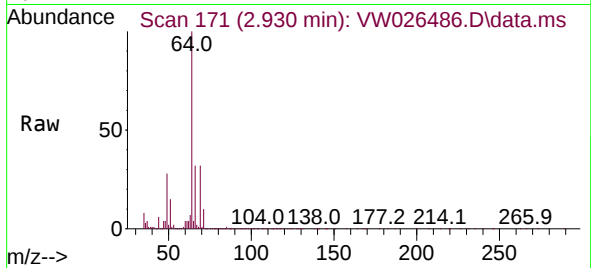




#8
Chloroethane
Concen: 26.040 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

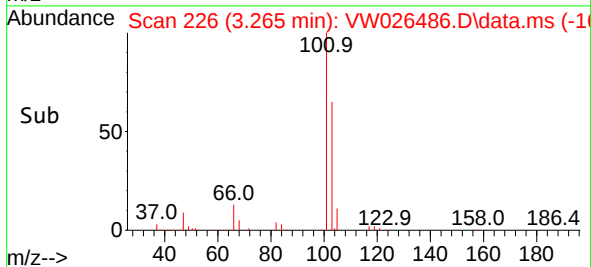
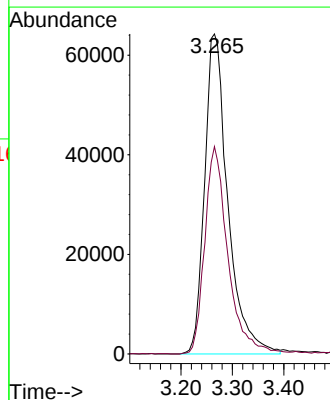
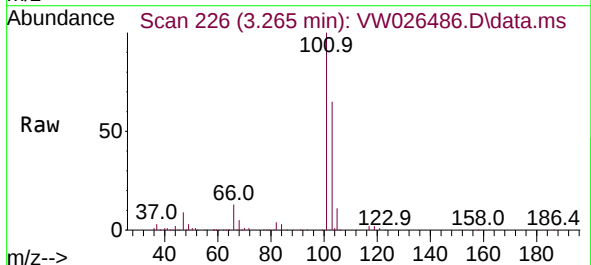
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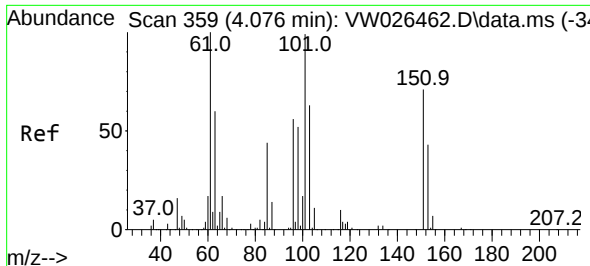
Tgt Ion: 64 Resp: 180584
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.275 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:101 Resp: 201837
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

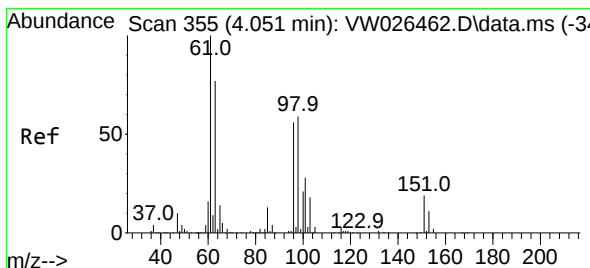
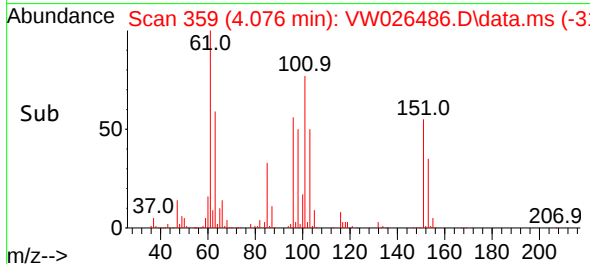
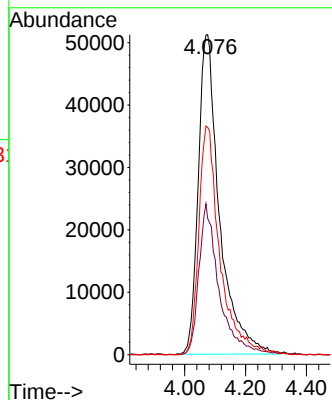
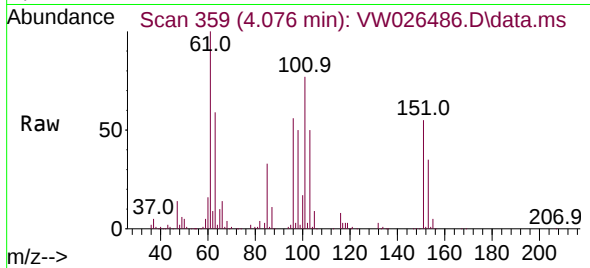




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.924 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

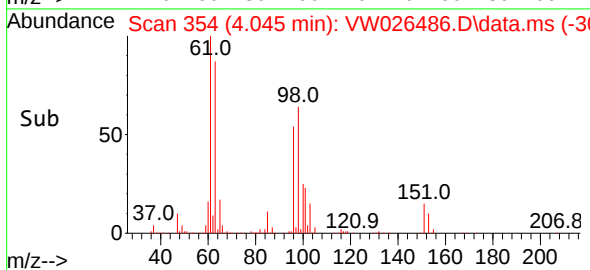
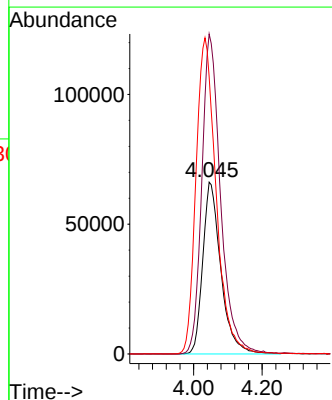
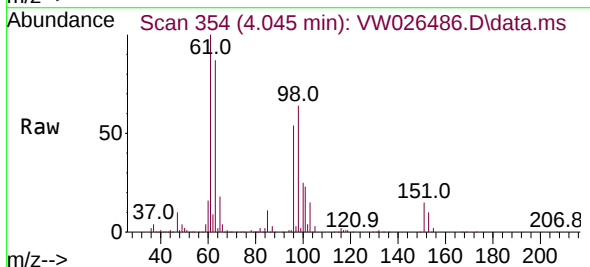
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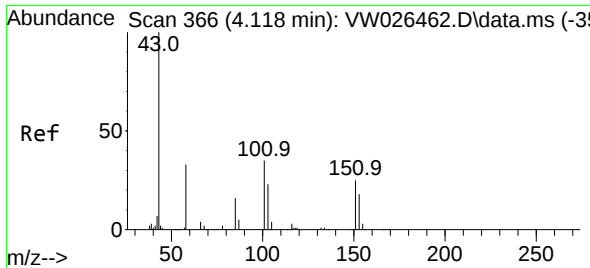
Tgt Ion:101 Resp: 248471
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.1 51.1
 151 69.3 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 26.940 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

Tgt Ion: 96 Resp: 243337
 Ion Ratio Lower Upper
 96 100
 61 186.1 134.0 248.8
 63 161.2 117.1 217.5





#13

Acetone

Concen: 46.770 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

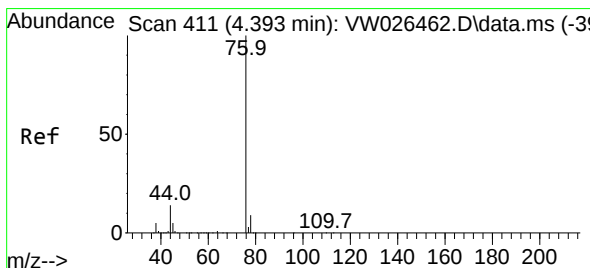
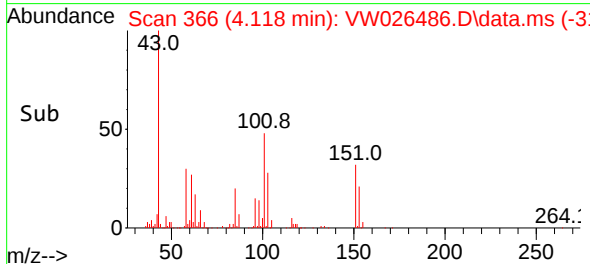
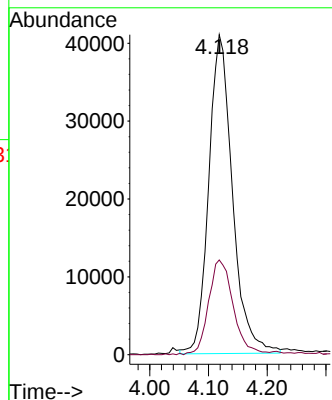
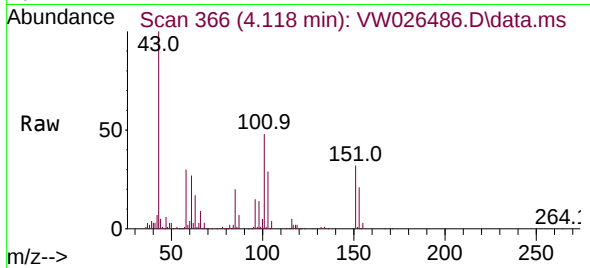
VSTD025546

Tgt Ion: 43 Resp: 114669

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.2



#14

Carbon disulfide

Concen: 26.607 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026486.D

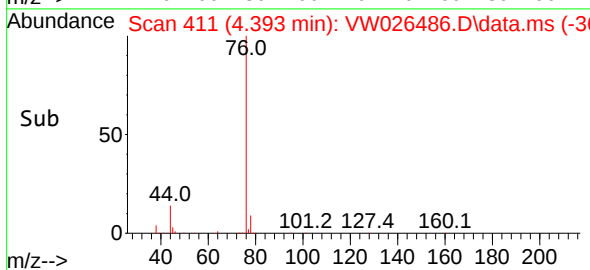
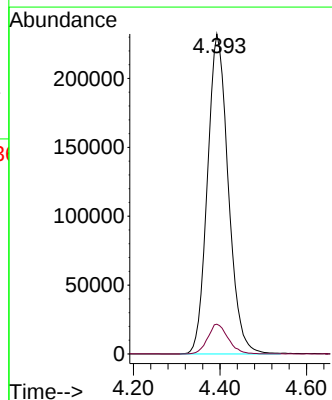
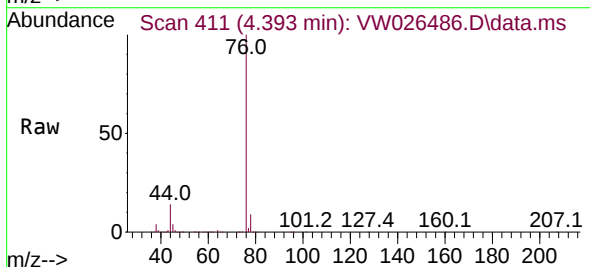
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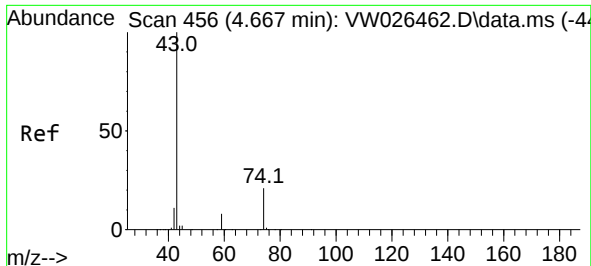
Tgt Ion: 76 Resp: 777763

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

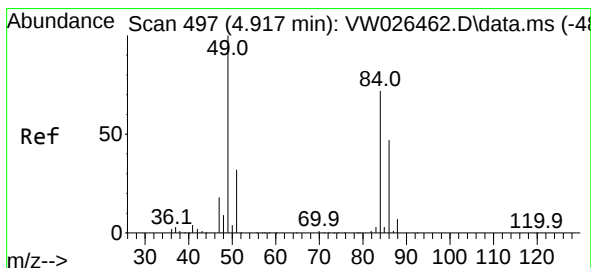
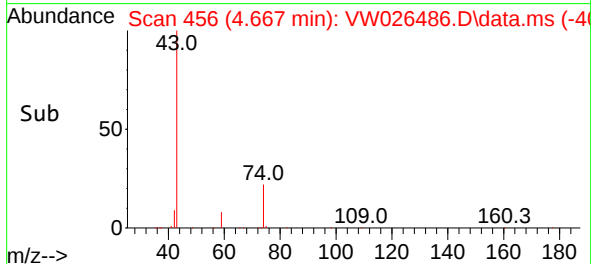
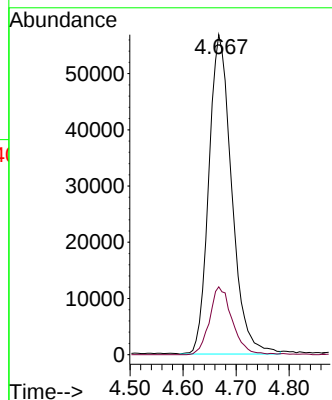
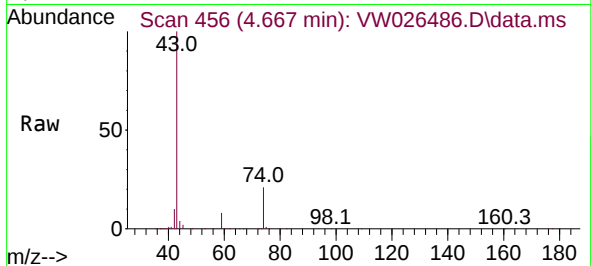




#15
Methyl Acetate
Concen: 31.993 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

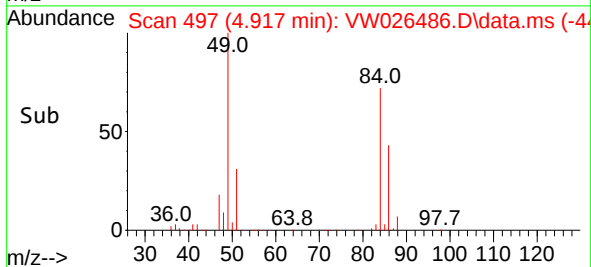
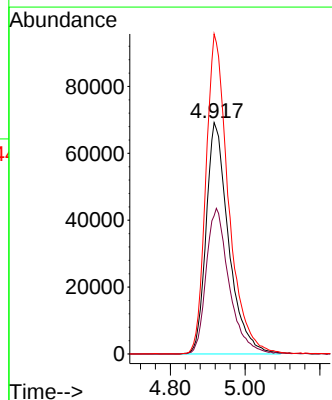
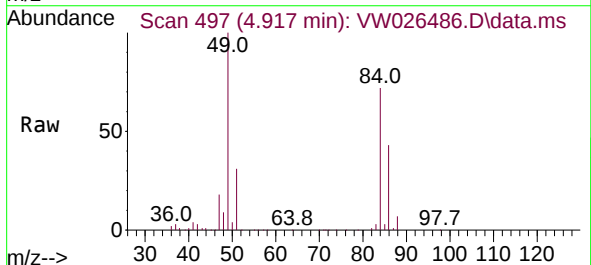
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

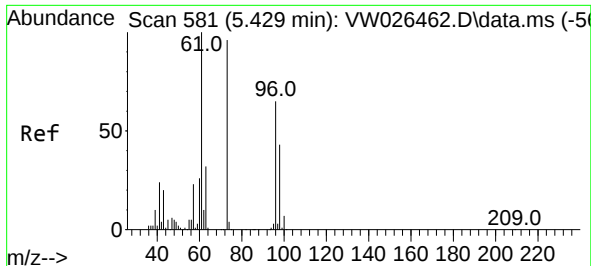
Tgt Ion: 43 Resp: 170317
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8



#16
Methylene chloride
Concen: 21.238 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 84 Resp: 289452
Ion Ratio Lower Upper
84 100
86 59.8 44.1 81.9
49 138.3 94.1 174.8

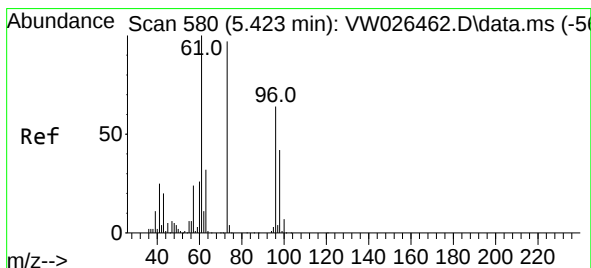
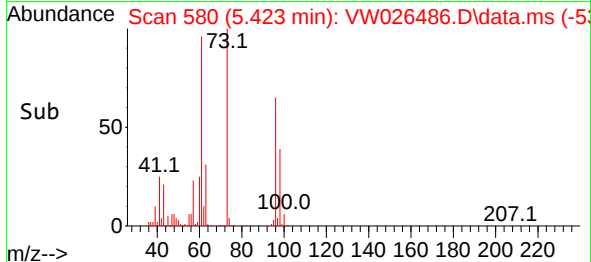
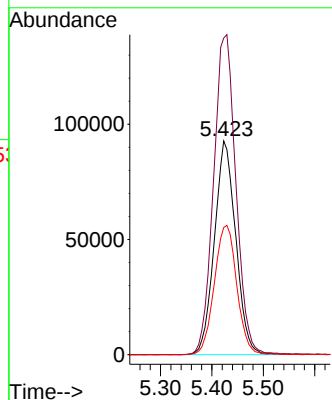
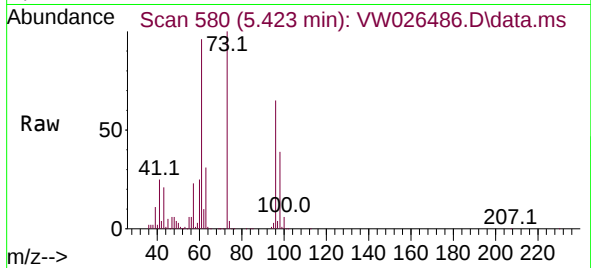




#17
trans-1,2-Dichloroethene
Concen: 27.594 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

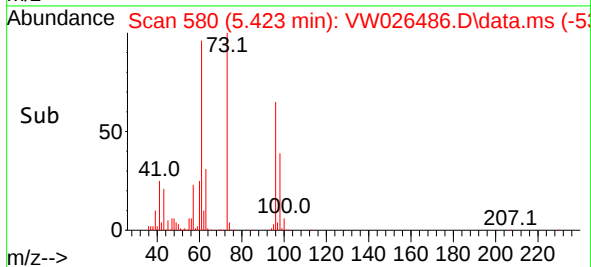
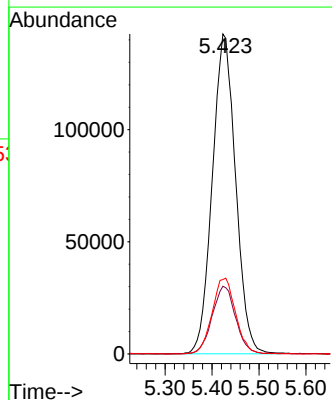
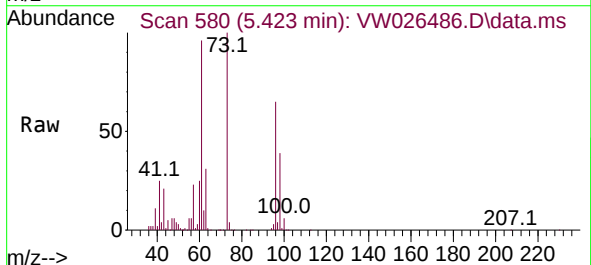
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

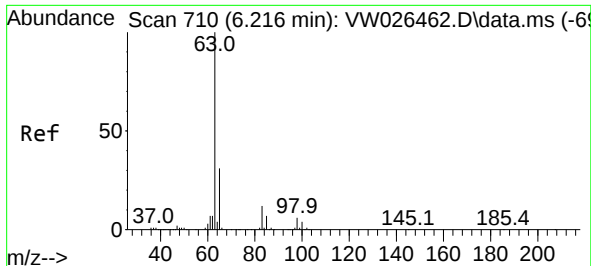
Tgt Ion: 96 Resp: 268106
Ion Ratio Lower Upper
96 100
61 148.2 105.2 195.4
98 59.5 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 30.906 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 73 Resp: 490745
Ion Ratio Lower Upper
73 100
43 21.2 16.6 25.0
57 23.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 28.643 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

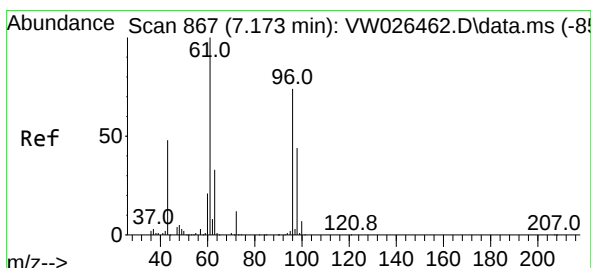
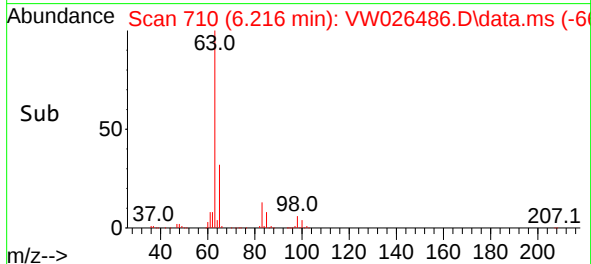
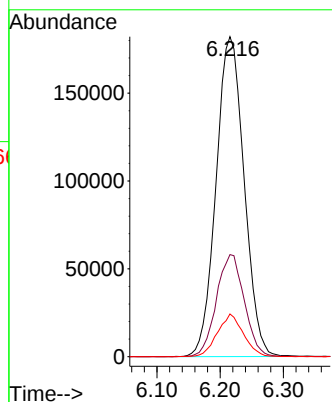
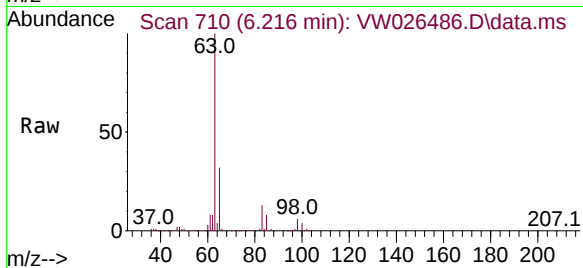
Tgt Ion: 63 Resp: 559998

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.3 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 27.752 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

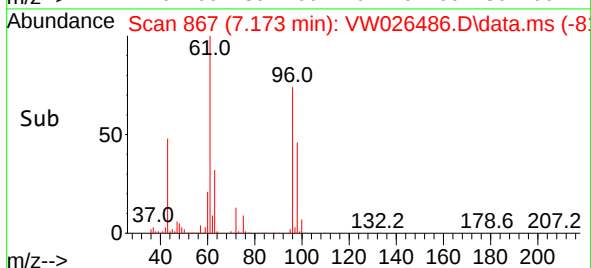
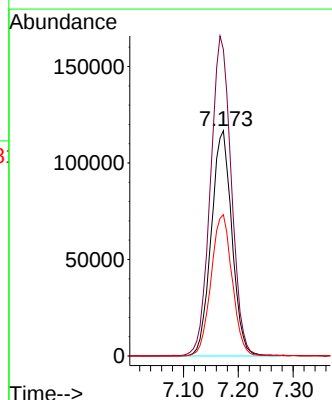
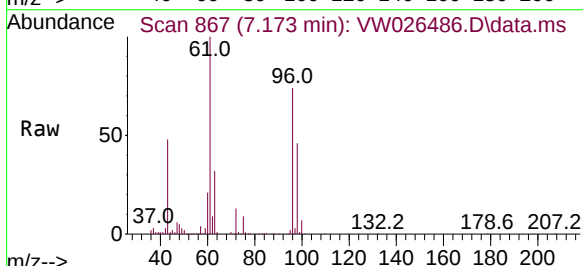
Tgt Ion: 96 Resp: 305423

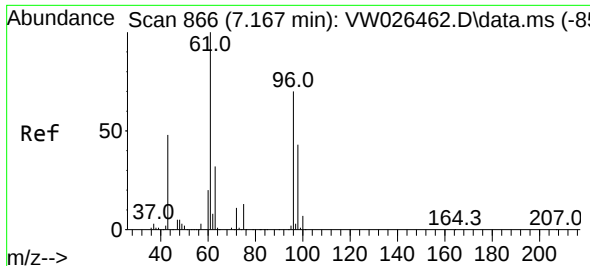
Ion Ratio Lower Upper

96 100

61 136.0 99.3 184.5

98 62.7 44.3 82.3

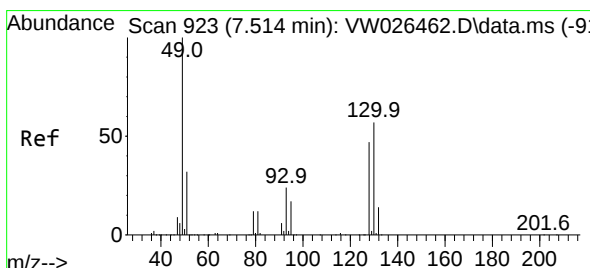
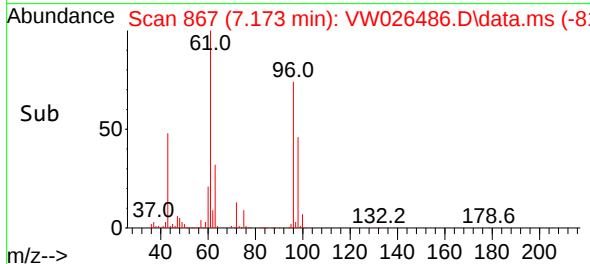
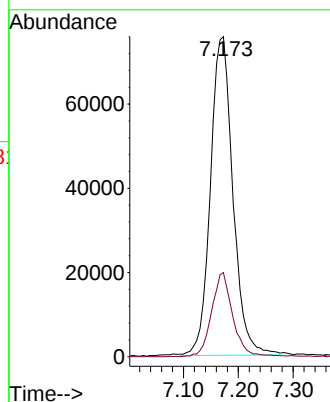
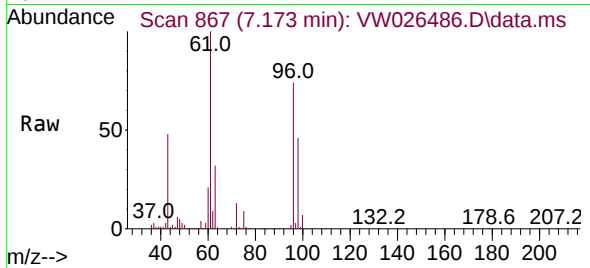




#22
2-Butanone
Concen: 53.651 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

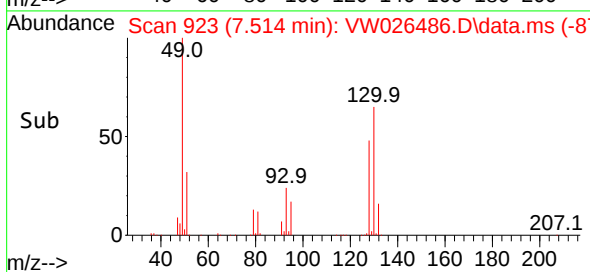
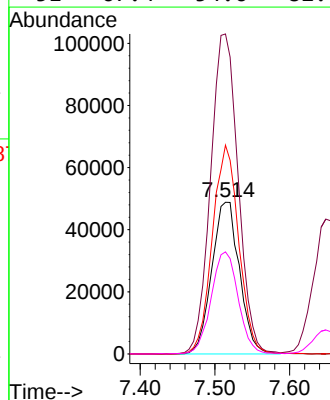
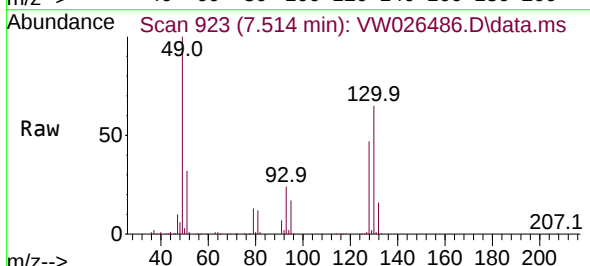
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

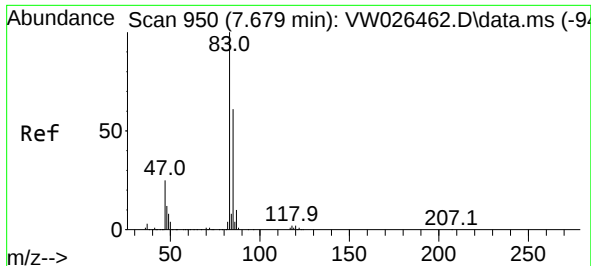
Tgt Ion: 43 Resp: 215662
Ion Ratio Lower Upper
43 100
72 24.5 12.6 37.8



#23
Bromochloromethane
Concen: 27.424 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 128 Resp: 125526
Ion Ratio Lower Upper
128 100
49 211.0 149.2 277.2
130 137.7 89.2 165.8
51 67.4 54.6 82.0

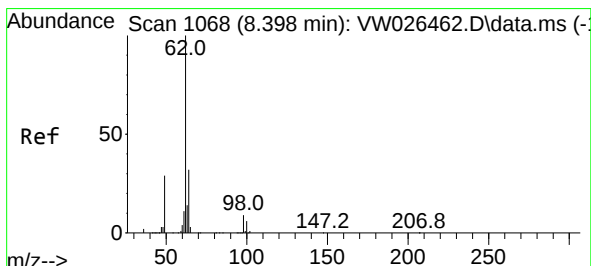
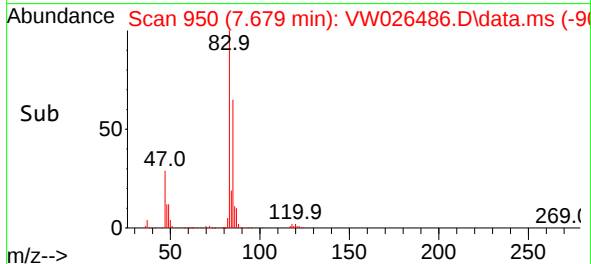
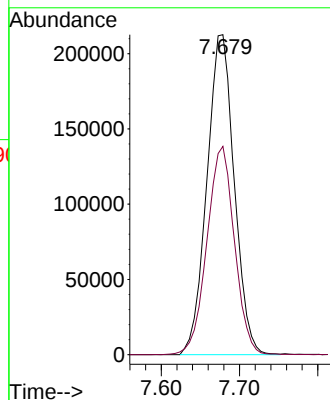
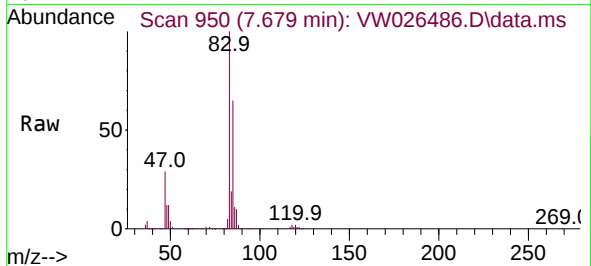




#25
Chloroform
Concen: 27.220 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

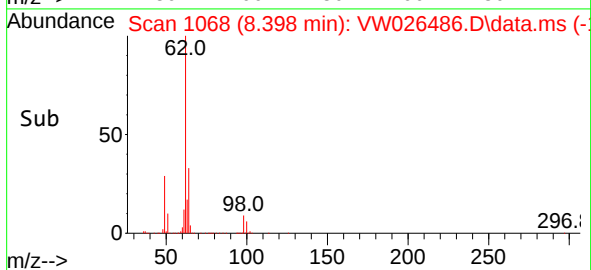
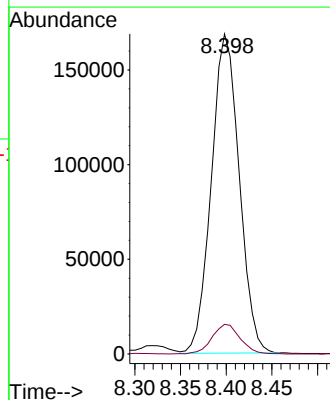
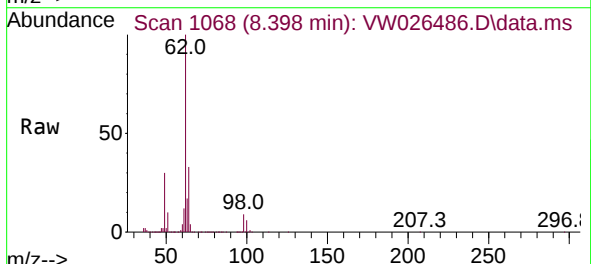
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

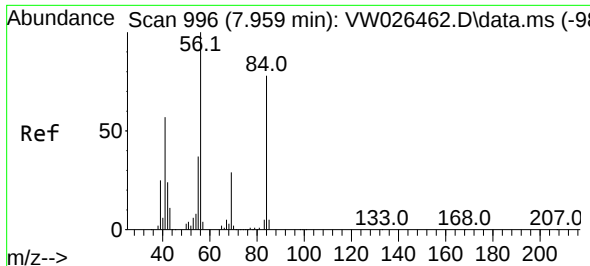
Tgt Ion: 83 Resp: 516518
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.4



#27
1,2-Dichloroethane
Concen: 27.553 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

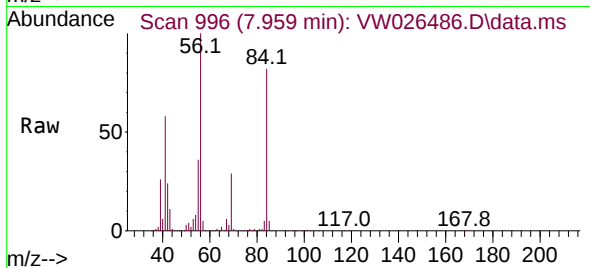
Tgt Ion: 62 Resp: 357500
Ion Ratio Lower Upper
62 100
98 9.2 7.6 11.4



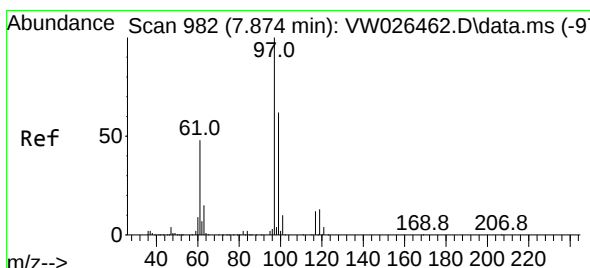
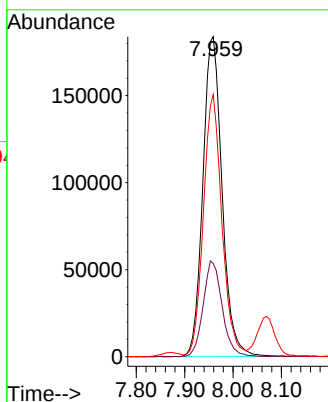
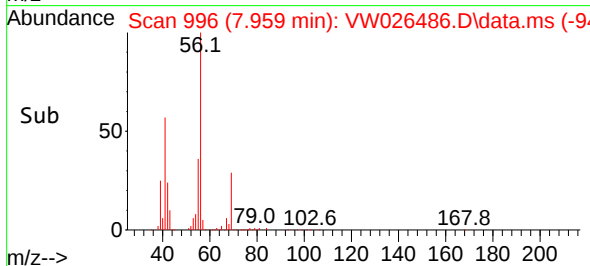


#29
Cyclohexane
Concen: 24.568 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

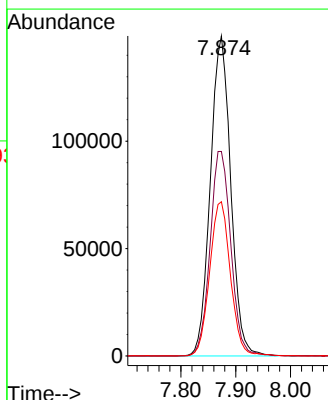
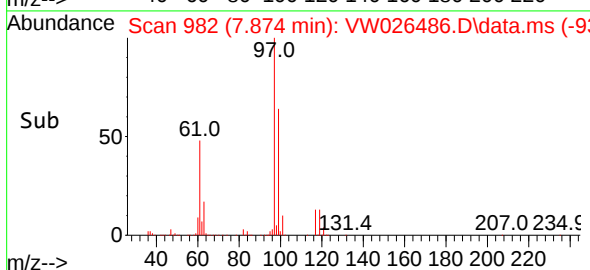
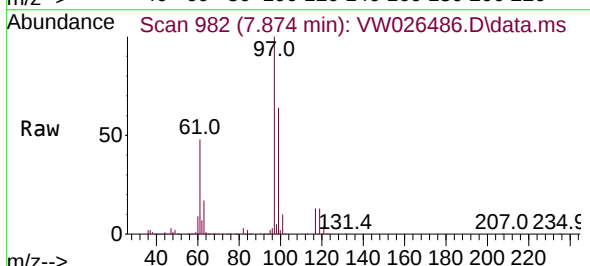


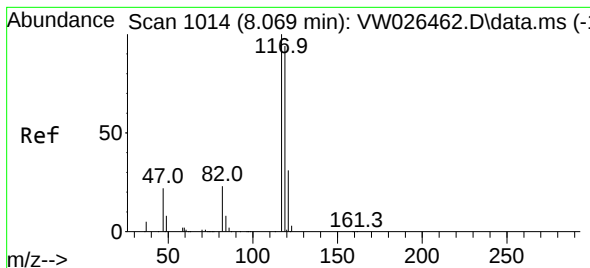
Tgt Ion:	56	Resp:	507848
Ion Ratio	100	Lower	Upper
56	100		
69	29.6	23.2	34.8
84	78.8	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 24.789 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:	97	Resp:	385040
Ion Ratio	100	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	49.2	39.5	59.3





#31

Carbon tetrachloride

Concen: 24.585 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

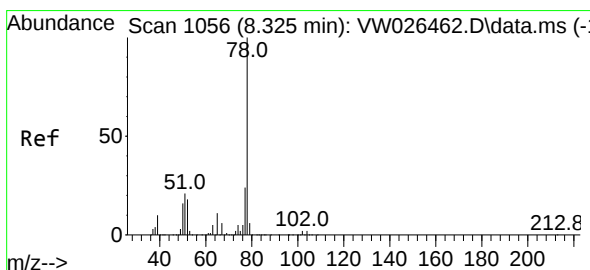
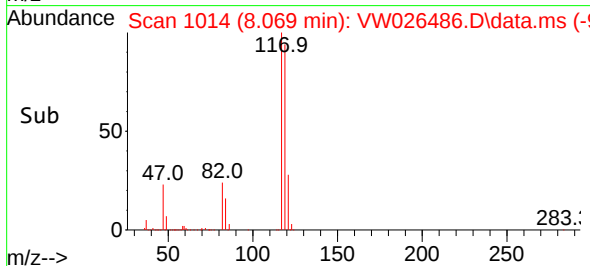
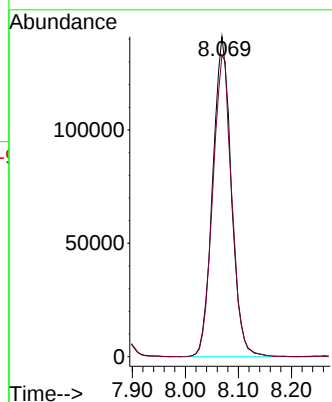
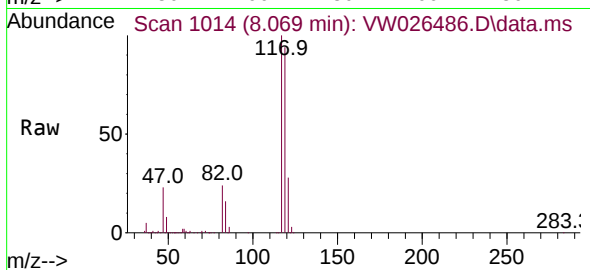
VSTD025546

Tgt Ion:117 Resp: 343808

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.2



#33

Benzene

Concen: 25.893 ug/L

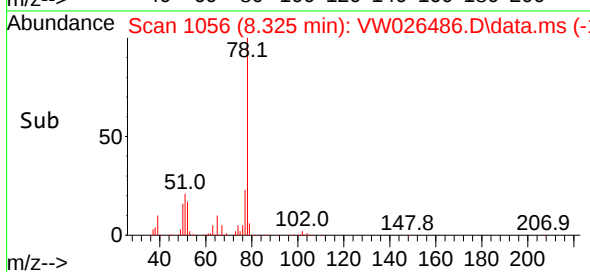
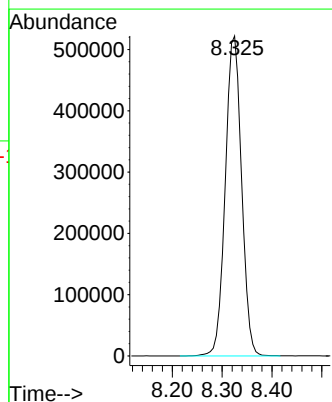
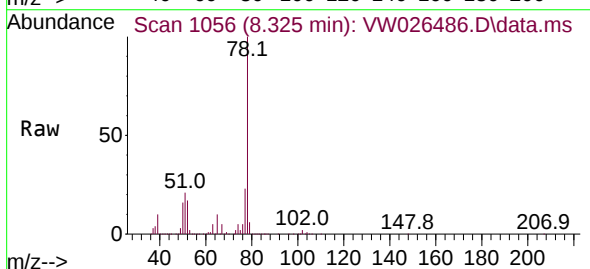
RT: 8.325 min Scan# 1056

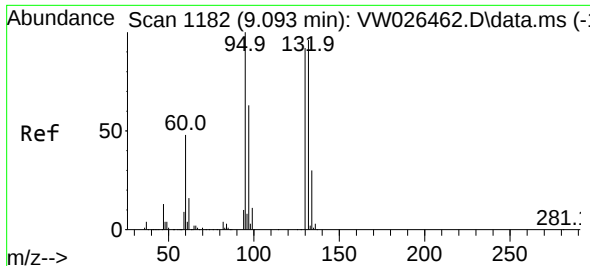
Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Tgt Ion: 78 Resp: 1182315

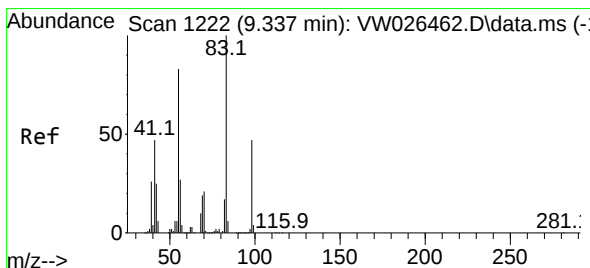
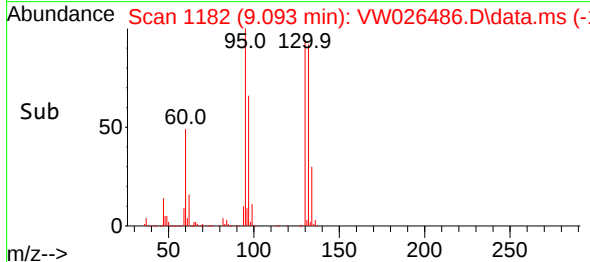
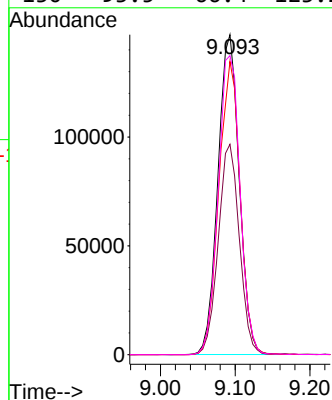
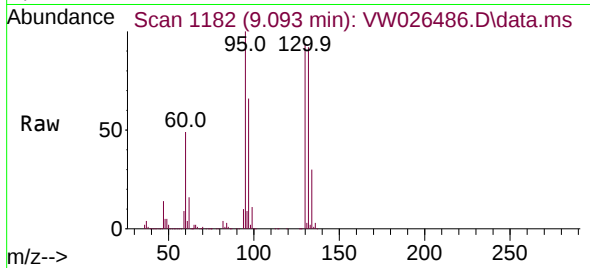




#34
Trichloroethene
Concen: 25.103 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

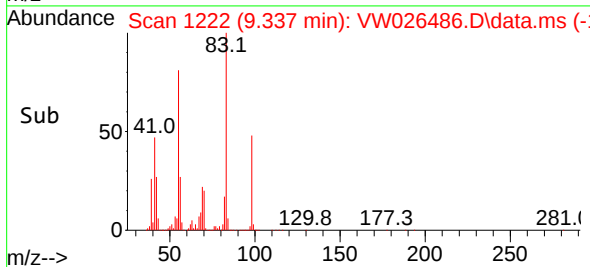
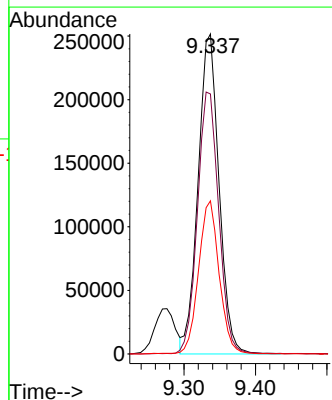
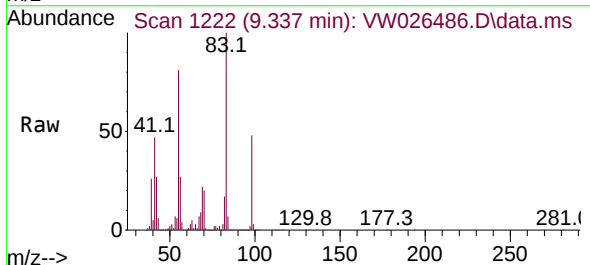
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

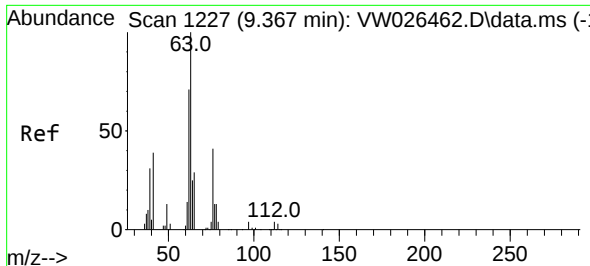
Tgt Ion: 95 Resp: 291997
Ion Ratio Lower Upper
95 100
97 65.8 44.1 81.9
132 91.6 61.8 114.8
130 93.5 66.4 123.2



#35
Methylcyclohexane
Concen: 24.673 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 83 Resp: 511280
Ion Ratio Lower Upper
83 100
55 83.2 66.5 99.7
98 47.2 37.0 55.6

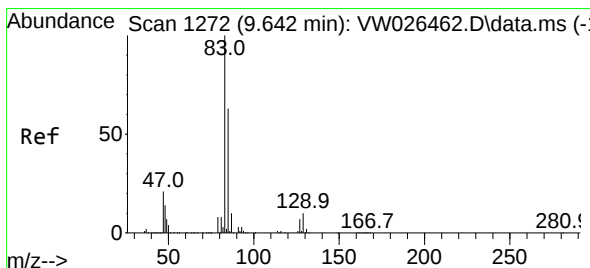
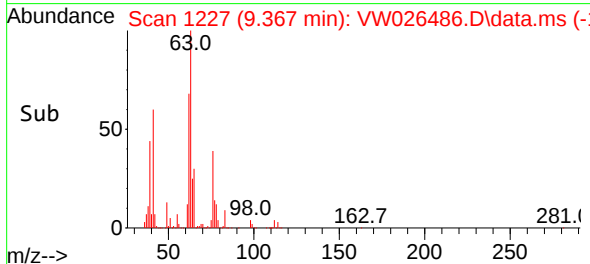
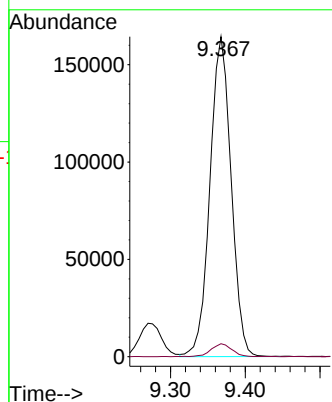
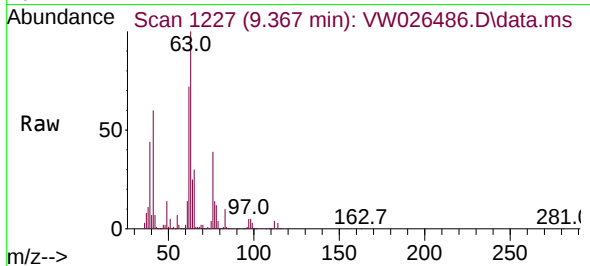




#37
1,2-Dichloropropane
Concen: 26.761 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

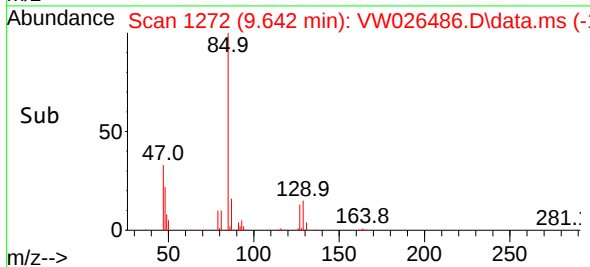
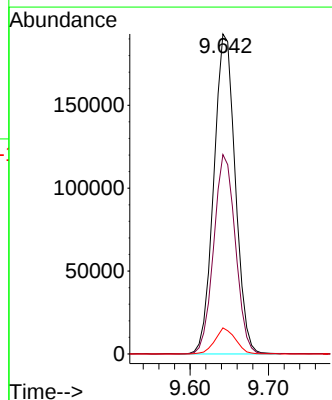
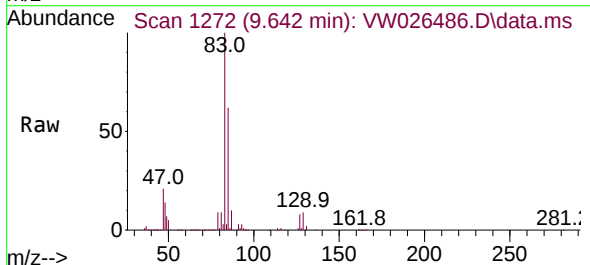
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

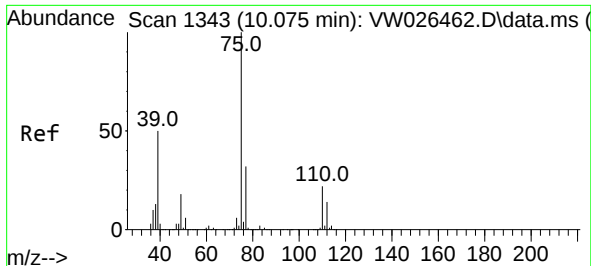
Tgt Ion: 63 Resp: 324390
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 27.010 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 83 Resp: 367481
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.7
127 8.1 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.584 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

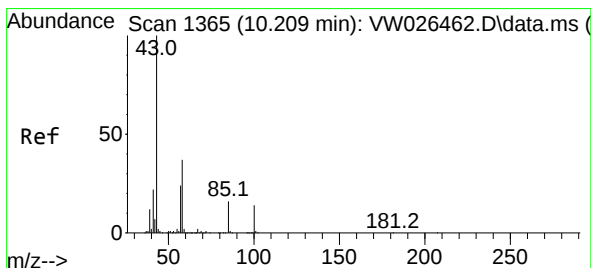
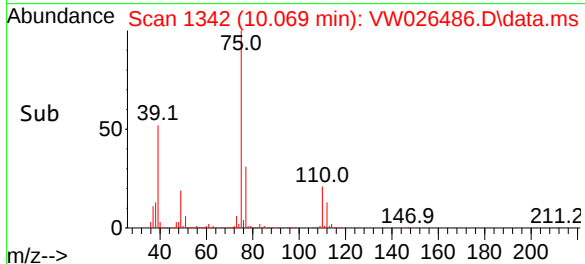
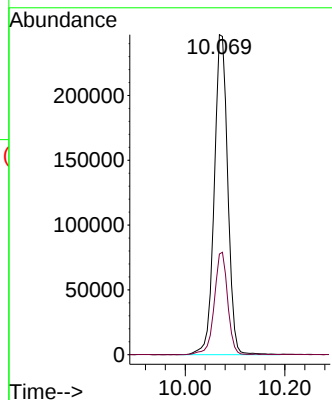
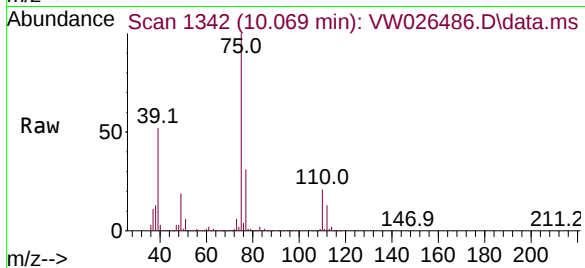
VSTD025546

Tgt Ion: 75 Resp: 464168

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 58.632 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

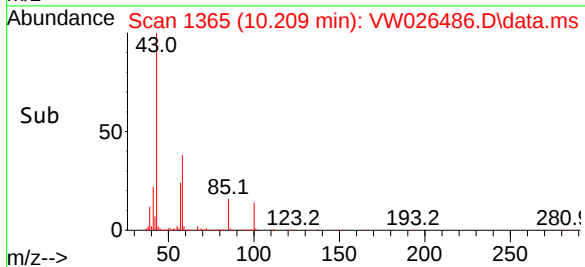
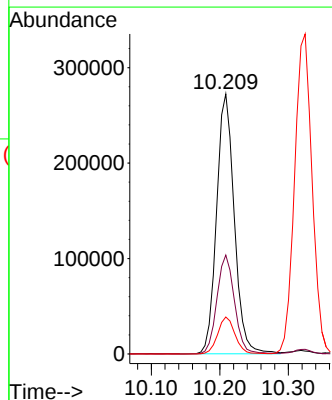
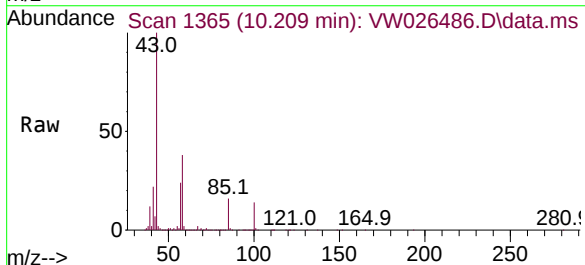
Tgt Ion: 43 Resp: 487987

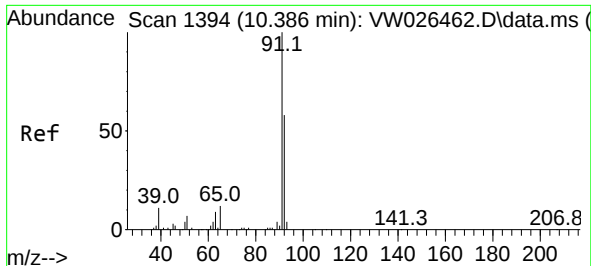
Ion Ratio Lower Upper

43 100

58 37.9 29.7 44.5

100 14.0 10.9 16.3

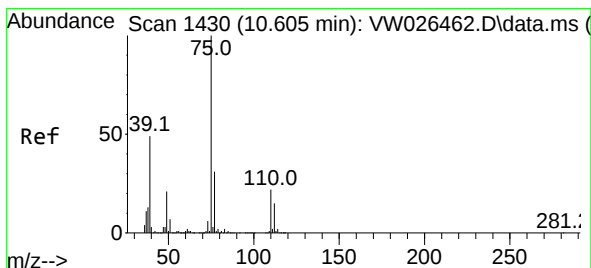
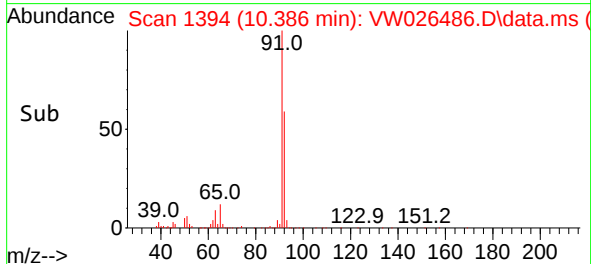
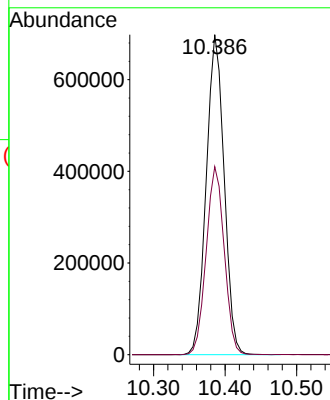
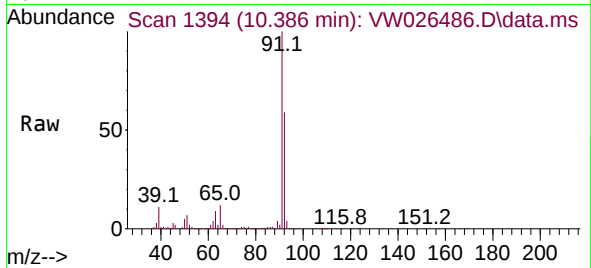




#42
Toluene
Concen: 25.910 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

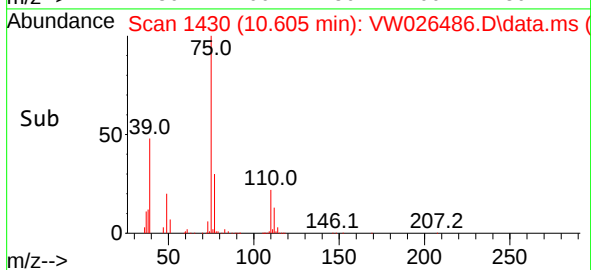
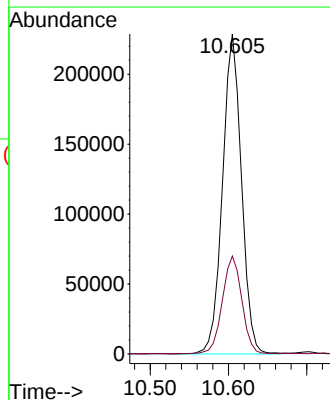
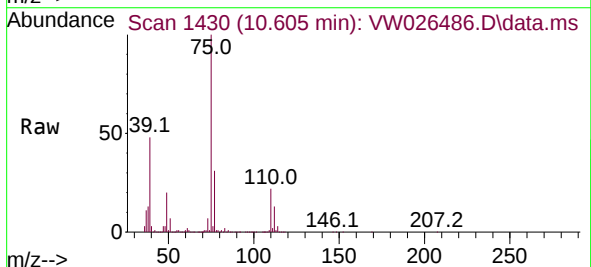
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

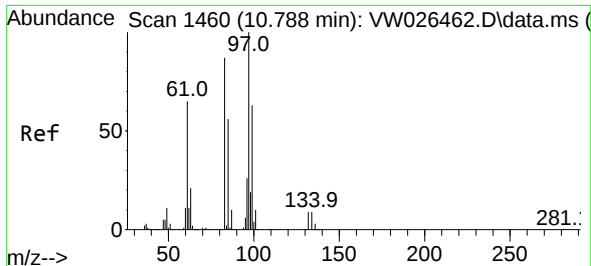
Tgt Ion: 91 Resp: 1210434
Ion Ratio Lower Upper
91 100
92 58.8 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.916 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 75 Resp: 384274
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.6

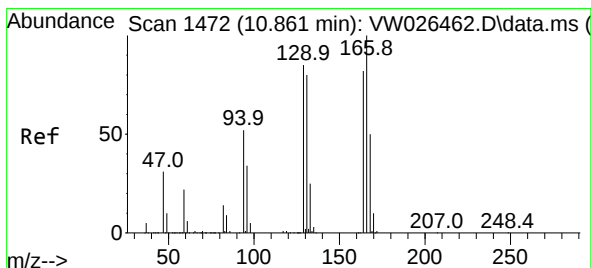
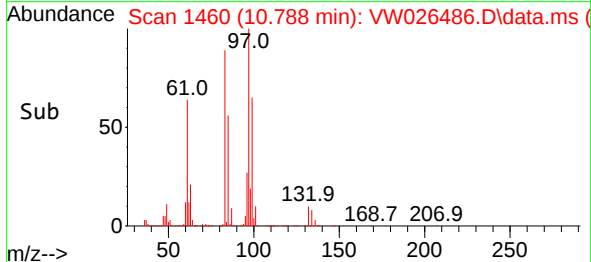
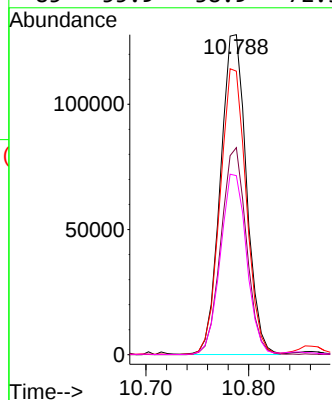
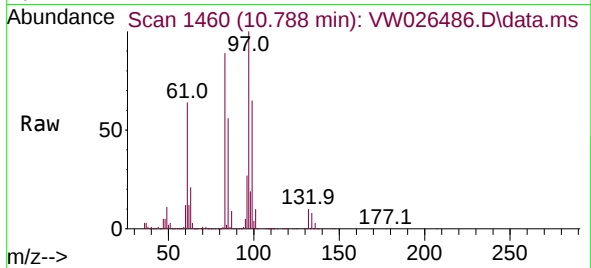




#45
1,1,2-Trichloroethane
Concen: 27.247 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

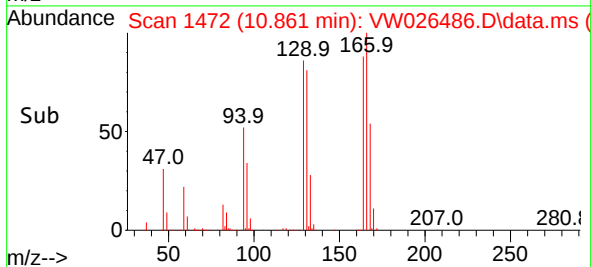
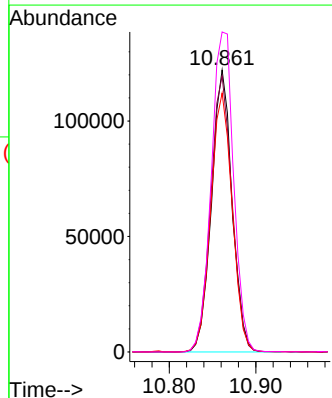
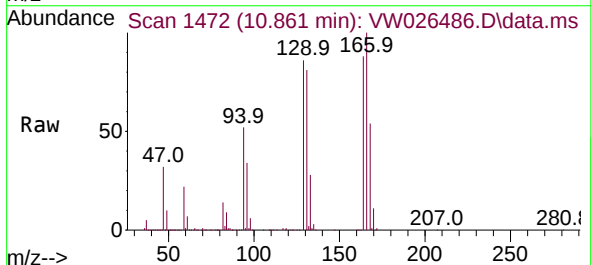
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

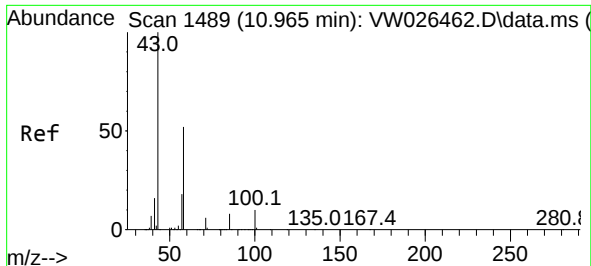
Tgt Ion: 97 Resp: 224984
Ion Ratio Lower Upper
97 100
99 64.7 42.1 78.3
83 88.6 60.5 112.5
85 55.9 38.9 72.3



#46
Tetrachloroethene
Concen: 24.473 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:164 Resp: 201254
Ion Ratio Lower Upper
164 100
129 97.9 69.0 128.2
131 91.9 62.6 116.3
166 113.5 90.6 168.3

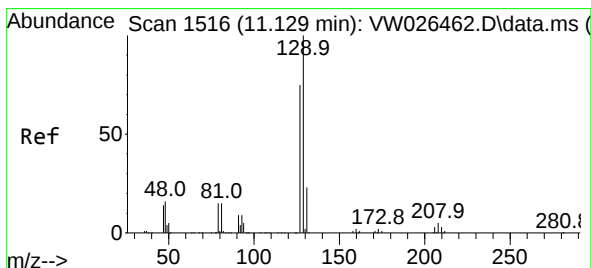
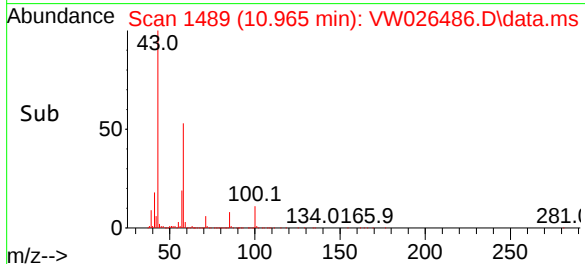
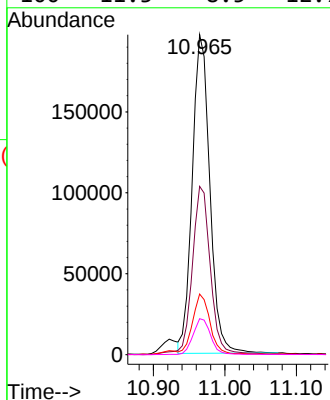
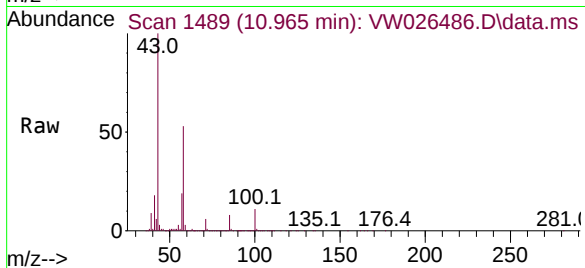




#48
2-Hexanone
Concen: 60.177 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

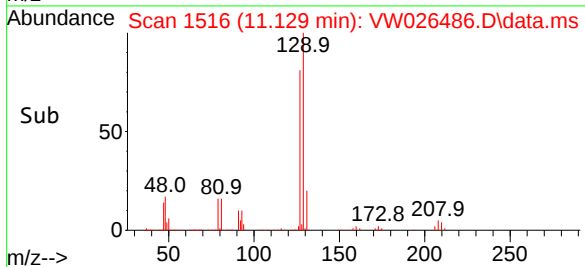
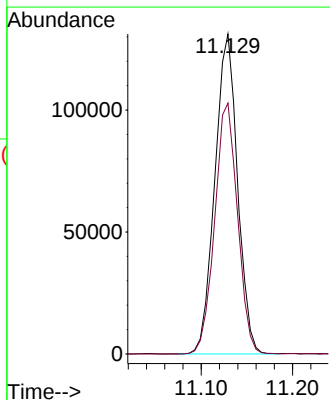
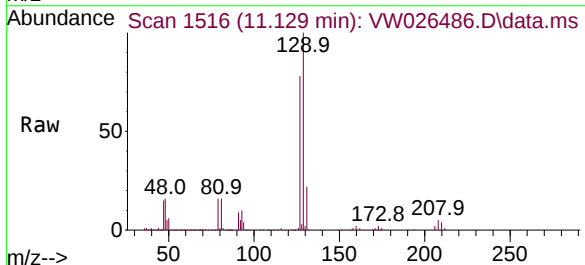
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

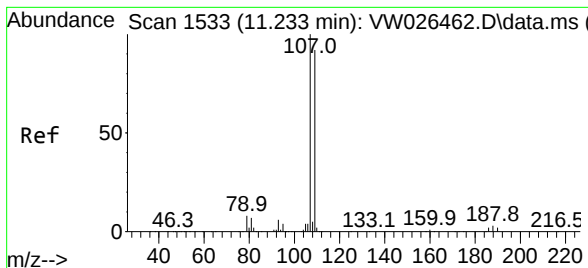
Tgt Ion: 43 Resp: 336177
Ion Ratio Lower Upper
43 100
58 54.7 42.1 63.1
57 18.4 14.5 21.7
100 11.3 8.5 12.7



#49
Dibromochloromethane
Concen: 27.559 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion: 129 Resp: 226659
Ion Ratio Lower Upper
129 100
127 78.4 54.0 100.4

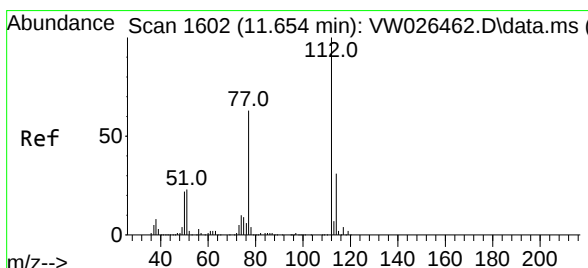
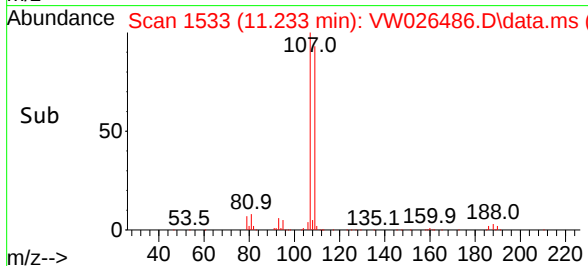
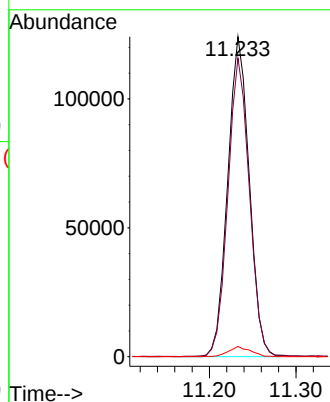
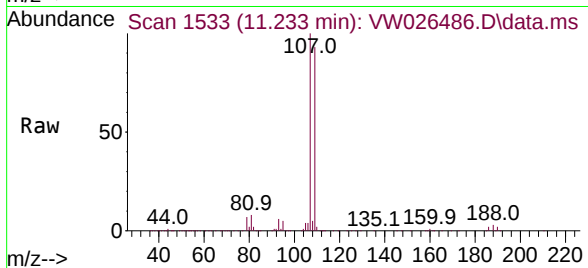




#50
1,2-Dibromoethane
Concen: 28.249 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

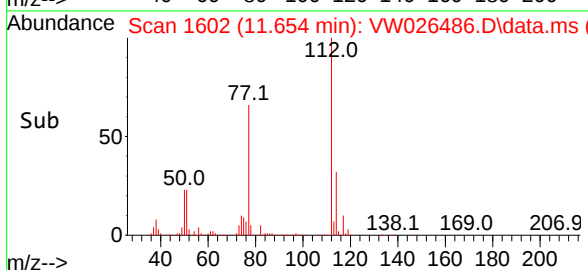
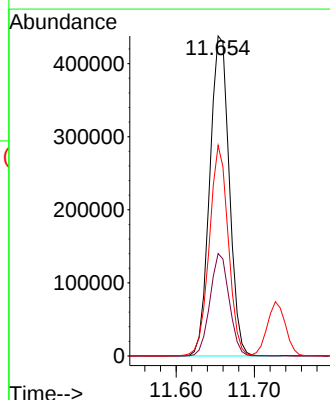
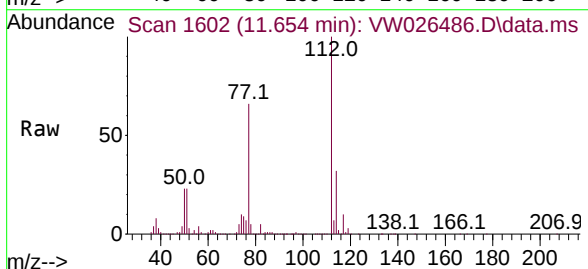
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

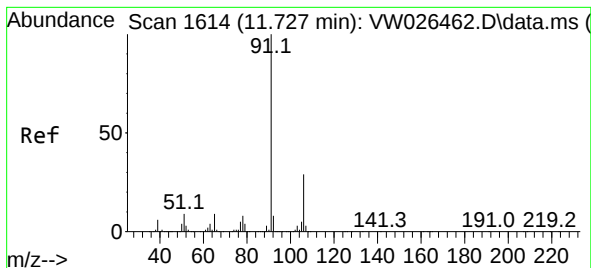
Tgt Ion:107 Resp: 214495
Ion Ratio Lower Upper
107 100
109 93.3 69.0 128.2
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 26.148 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:112 Resp: 755816
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 65.8 49.6 74.4

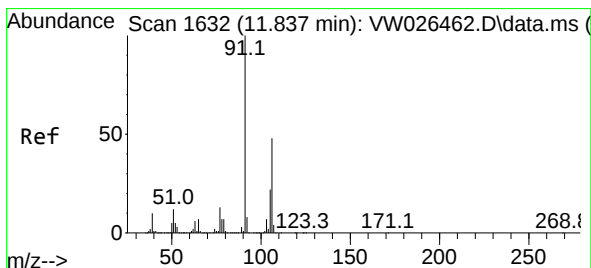
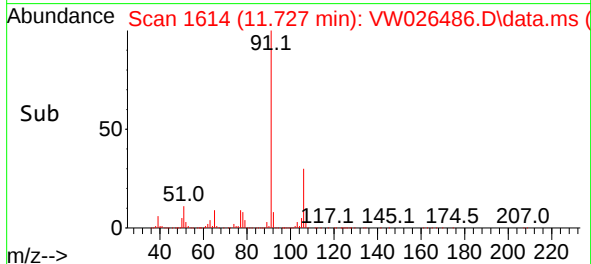
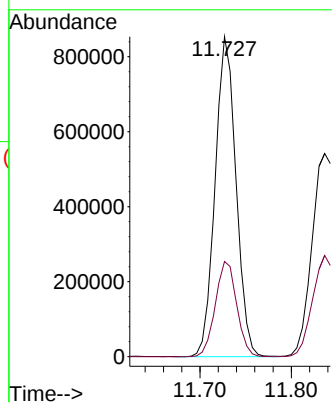
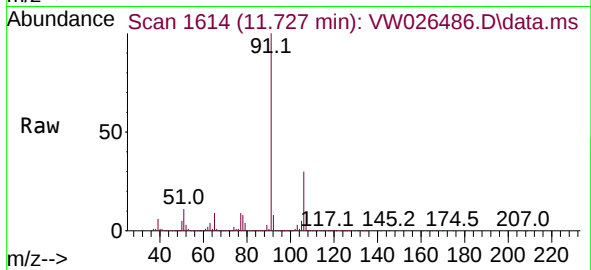




#52
Ethylbenzene
Concen: 25.814 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

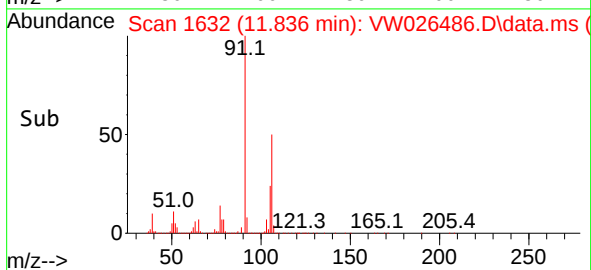
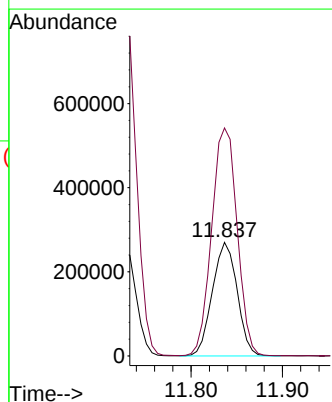
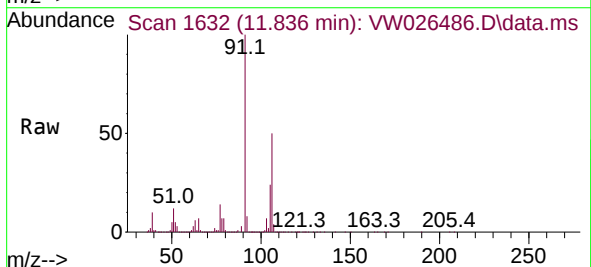
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

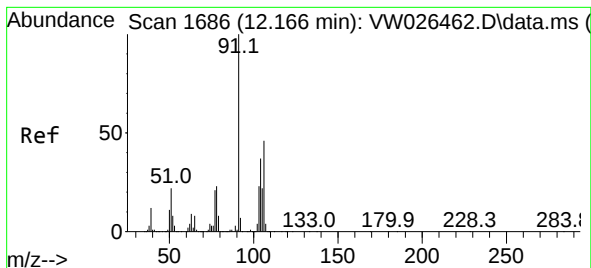
Tgt Ion: 91 Resp: 1357035
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.7



#53
m,p-Xylene
Concen: 26.104 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:106 Resp: 508832
Ion Ratio Lower Upper
106 100
91 200.7 146.7 272.5

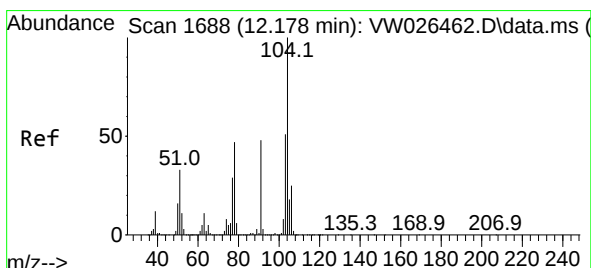
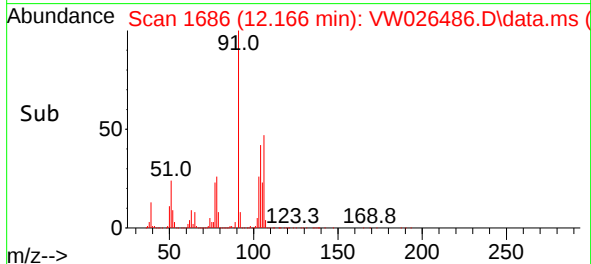
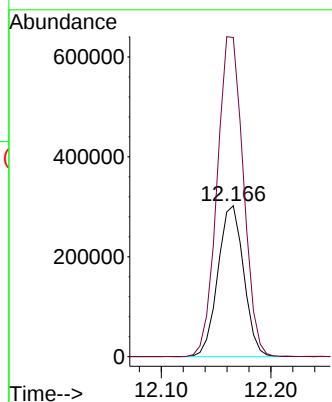
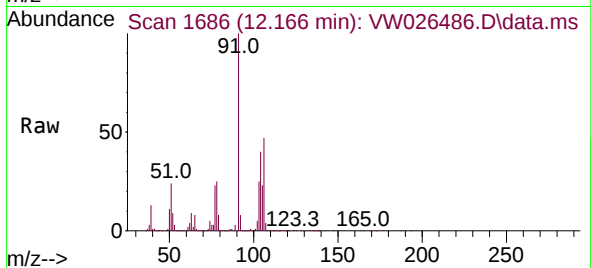




#54
o-Xylene
Concen: 27.338 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

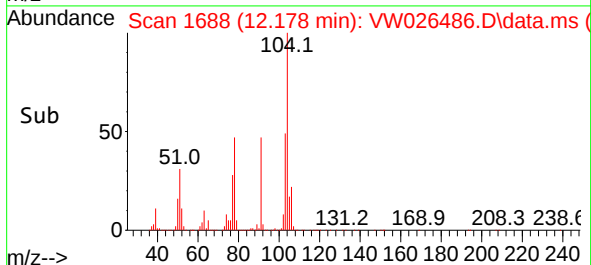
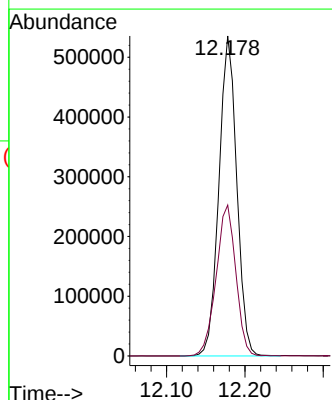
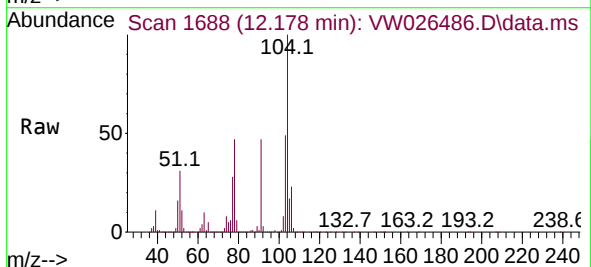
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

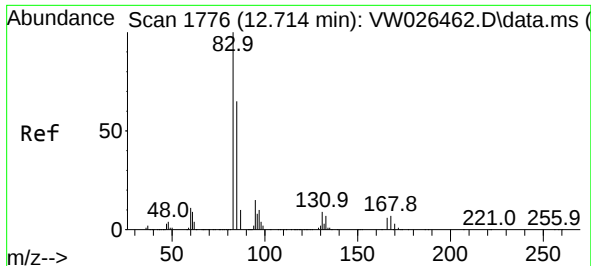
Tgt Ion:106 Resp: 494231
Ion Ratio Lower Upper
106 100
91 211.5 145.5 270.1



#55
Styrene
Concen: 27.506 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:104 Resp: 848823
Ion Ratio Lower Upper
104 100
78 47.1 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.875 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

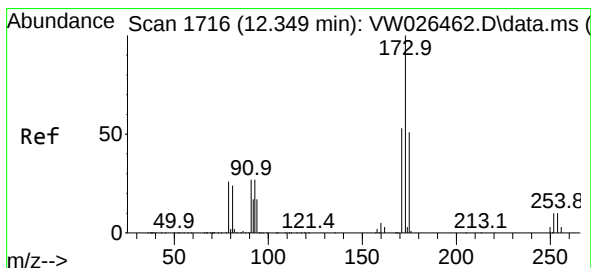
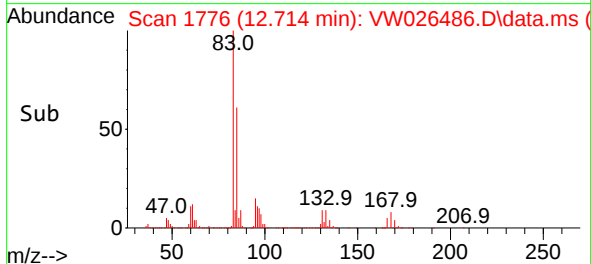
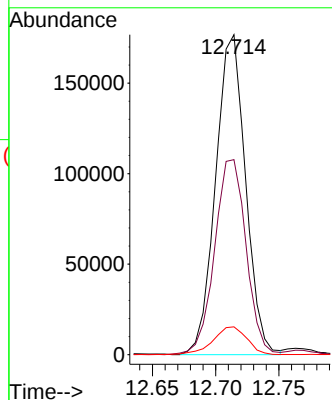
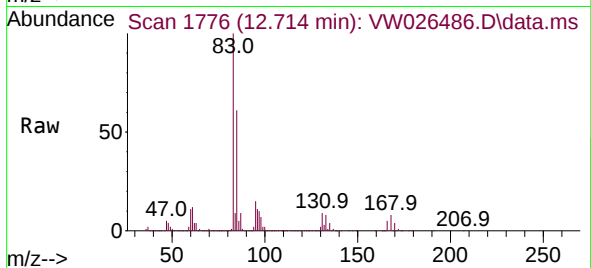
Tgt Ion: 83 Resp: 291139

Ion Ratio Lower Upper

83 100

85 61.0 44.6 82.8

131 8.7 7.2 10.8



#59

Bromoform

Concen: 28.612 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

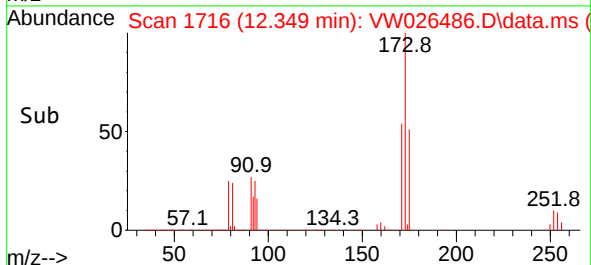
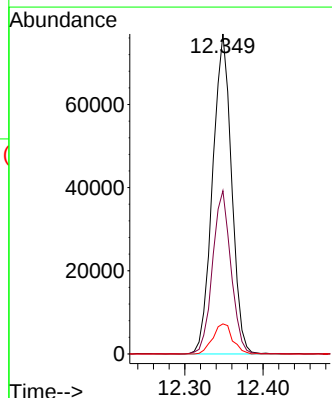
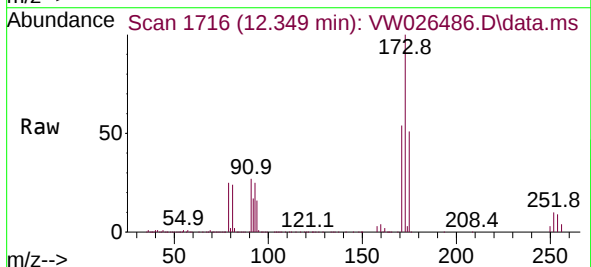
Tgt Ion: 173 Resp: 129408

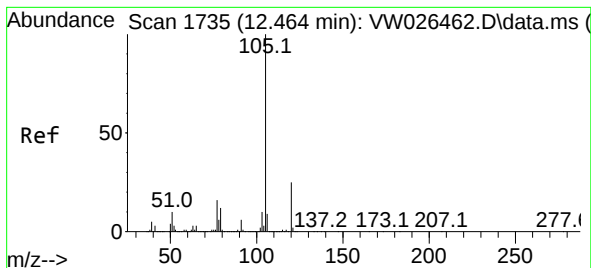
Ion Ratio Lower Upper

173 100

175 49.4 37.4 56.2

254 9.8 7.3 10.9





#60

Isopropylbenzene

Concen: 26.465 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

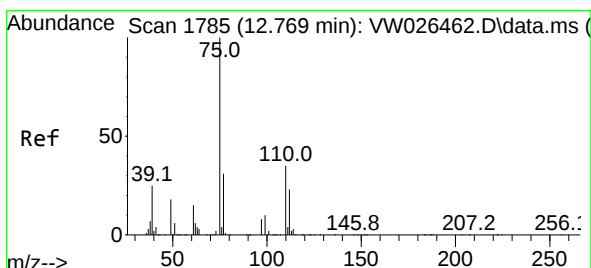
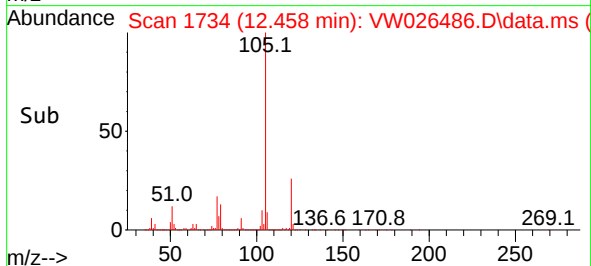
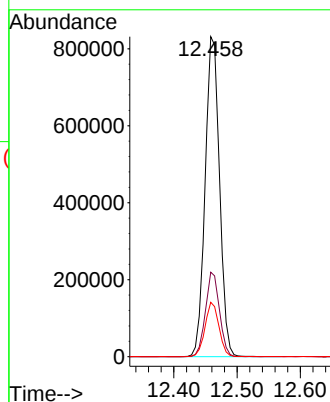
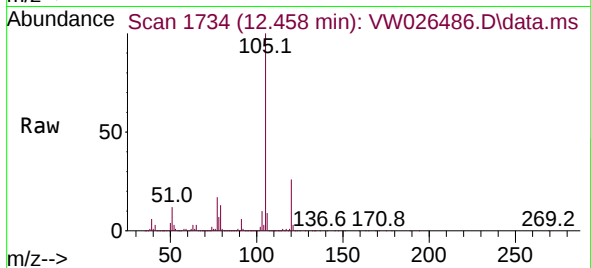
Tgt Ion:105 Resp: 1318537

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 28.268 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

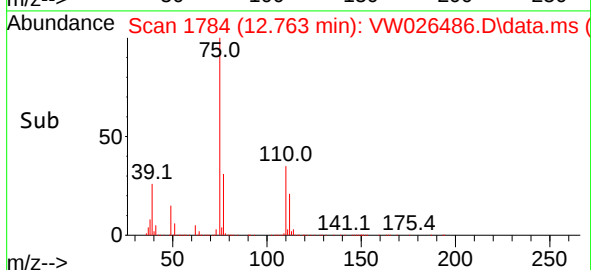
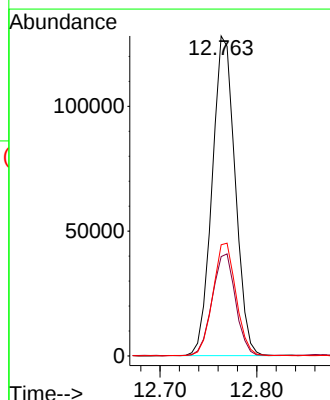
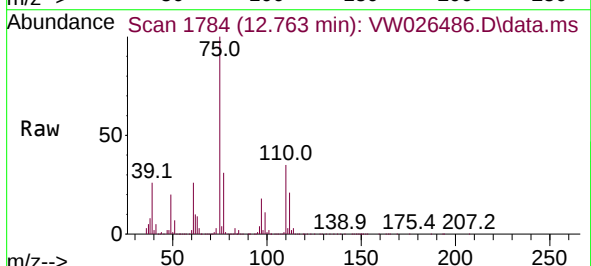
Tgt Ion: 75 Resp: 211042

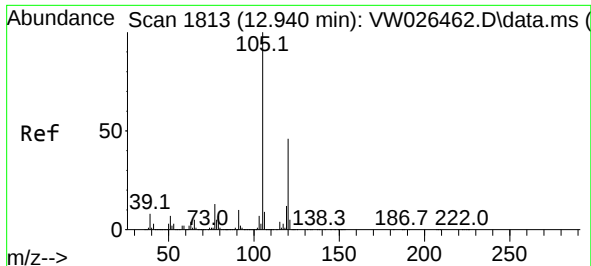
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

110 35.6 28.2 42.4

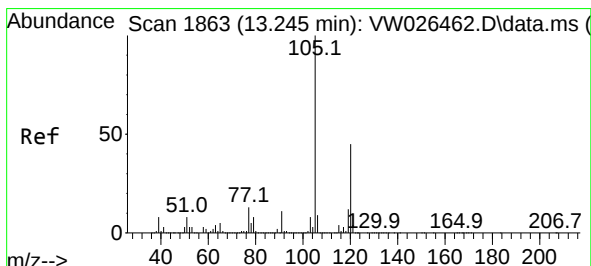
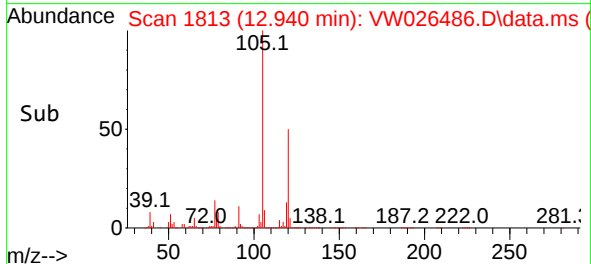
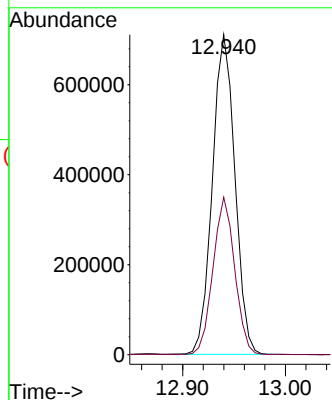
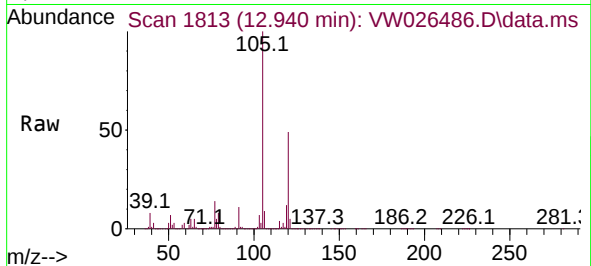




#62
 1,3,5-Trimethylbenzene
 Concen: 27.297 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

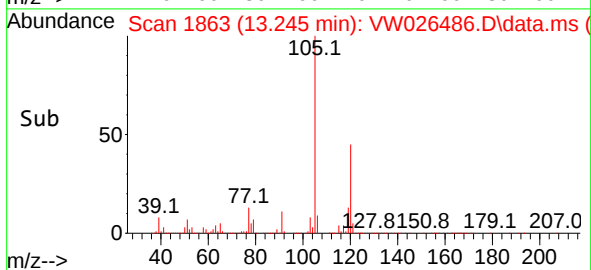
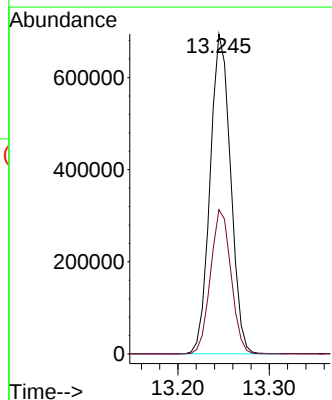
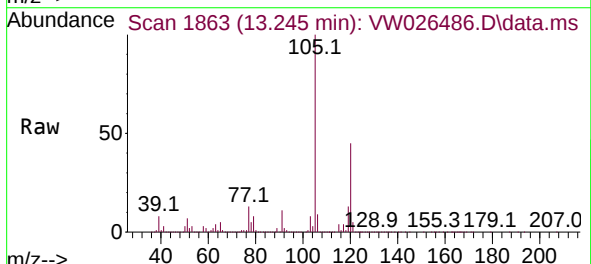
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

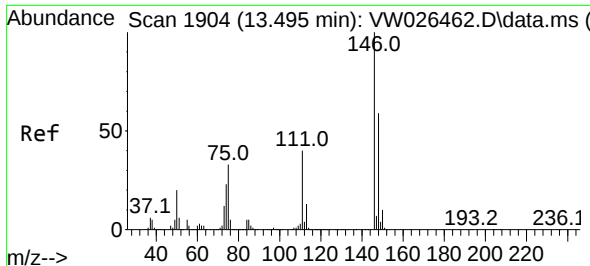
Tgt Ion:105 Resp: 1081435
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 28.032 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026486.D
 Acq: 30 Jun 2023 20:42

Tgt Ion:105 Resp: 1084958
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.0 54.0

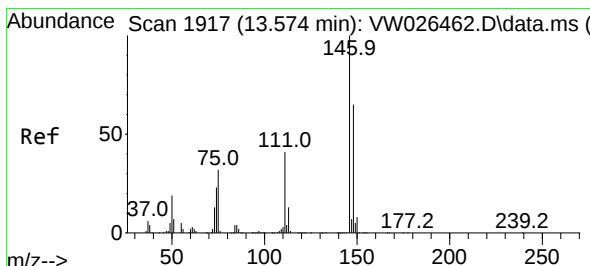
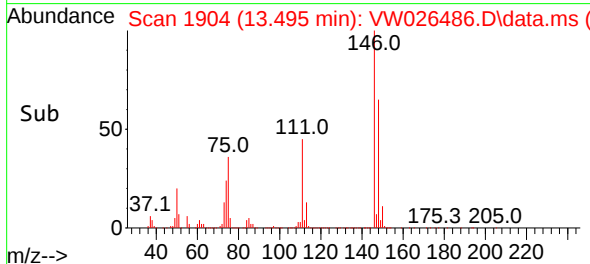
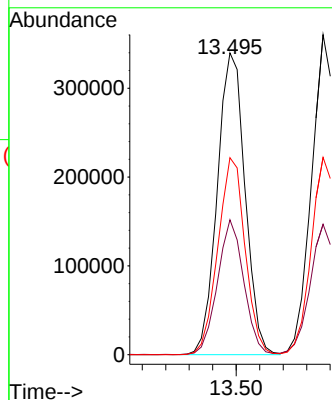
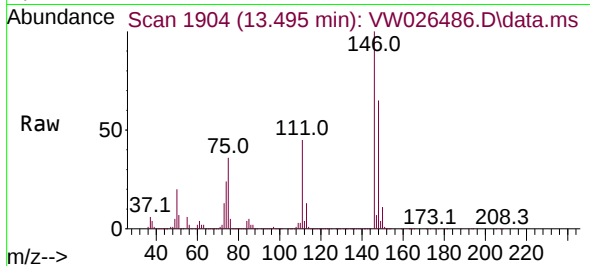




#64
1,3-Dichlorobenzene
Concen: 26.711 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

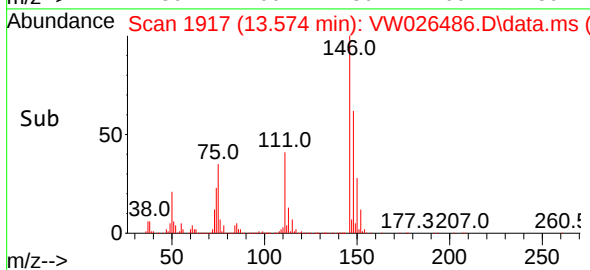
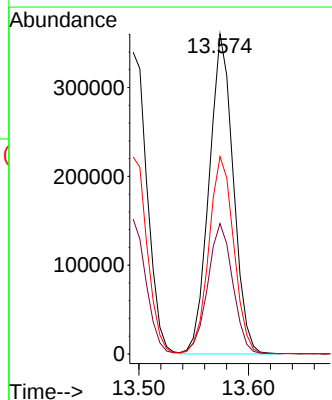
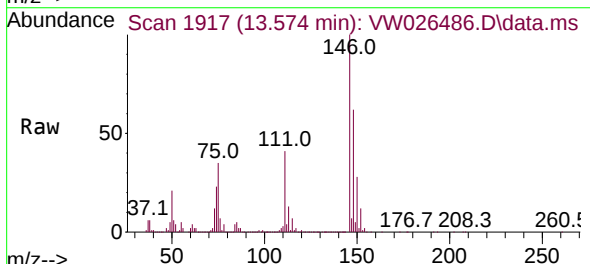
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

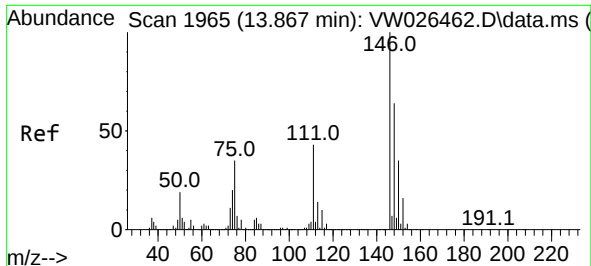
Tgt Ion:146 Resp: 558357
Ion Ratio Lower Upper
146 100
111 44.7 29.5 54.9
148 65.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 26.614 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026486.D
Acq: 30 Jun 2023 20:42

Tgt Ion:146 Resp: 553287
Ion Ratio Lower Upper
146 100
111 40.8 30.7 56.9
148 61.7 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 26.246 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

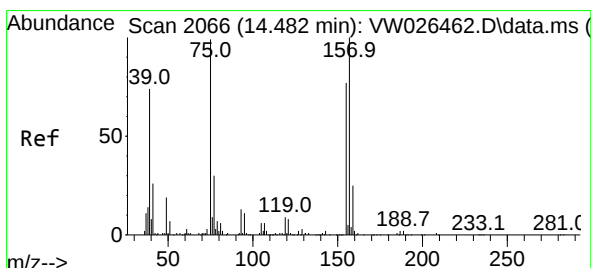
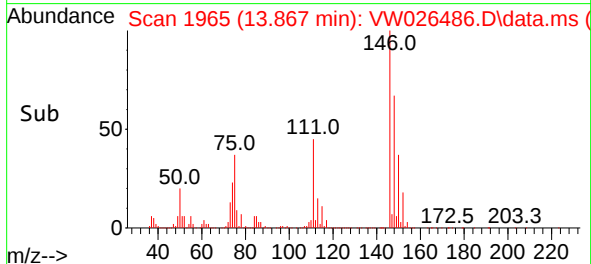
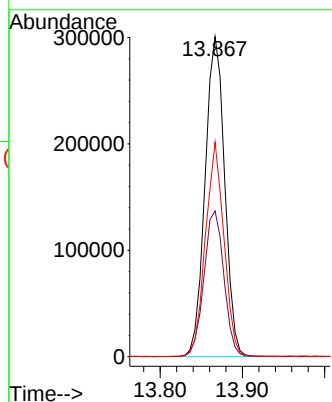
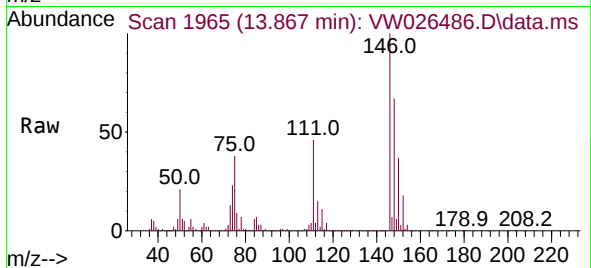
Tgt Ion:146 Resp: 496472

Ion Ratio Lower Upper

146 100

111 45.5 34.7 52.1

148 67.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 28.737 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

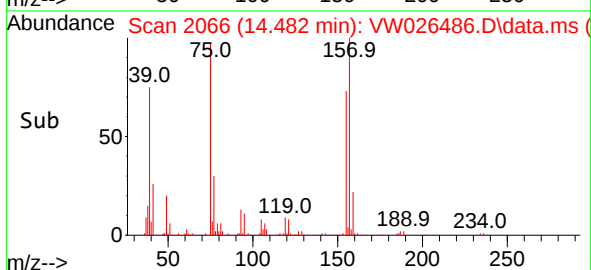
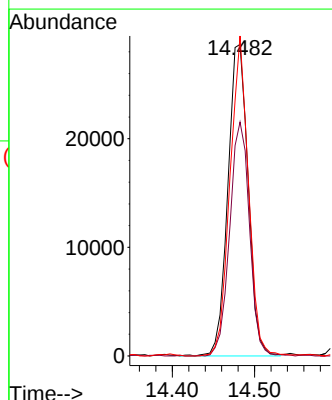
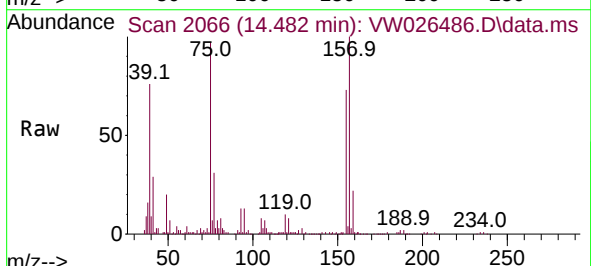
Tgt Ion: 75 Resp: 49163

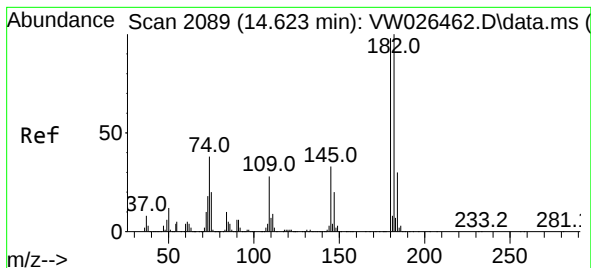
Ion Ratio Lower Upper

75 100

155 75.1 58.5 87.7

157 102.7 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 25.405 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion:180 Resp: 361516

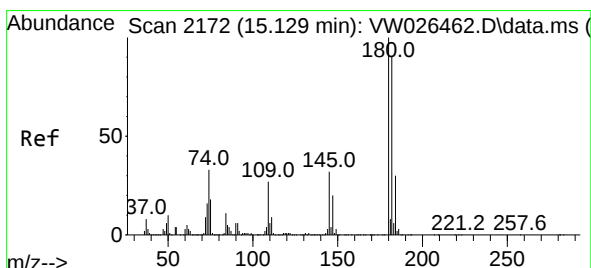
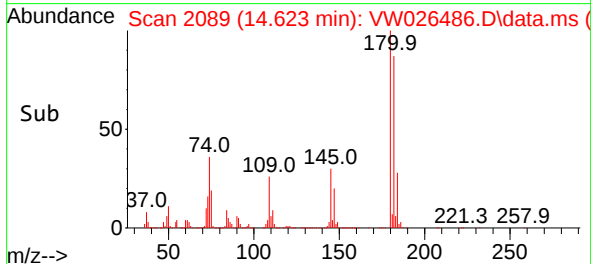
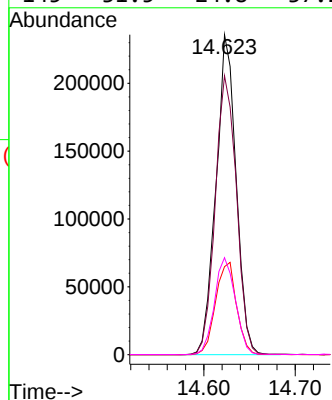
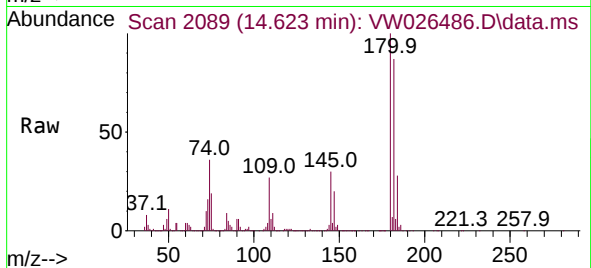
Ion Ratio Lower Upper

180 100

182 91.7 74.5 111.7

184 30.1 23.8 35.6

145 31.5 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 25.992 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

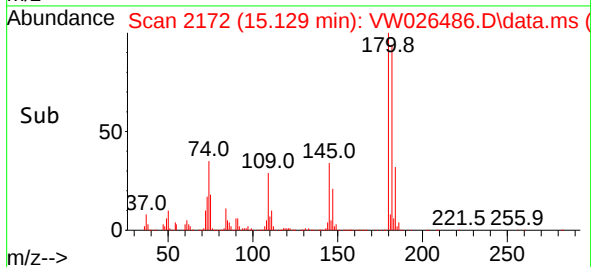
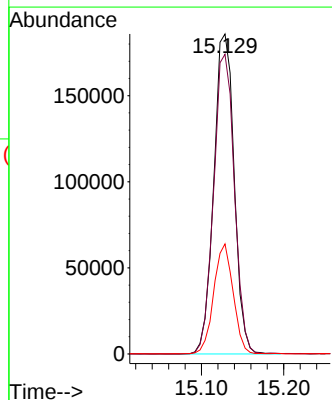
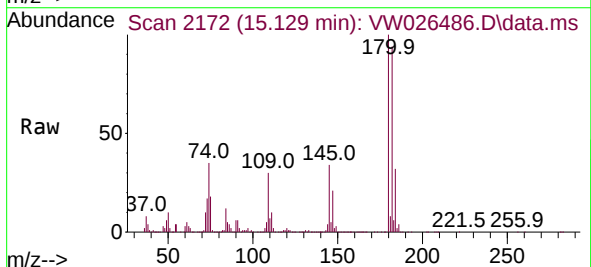
Tgt Ion:180 Resp: 320121

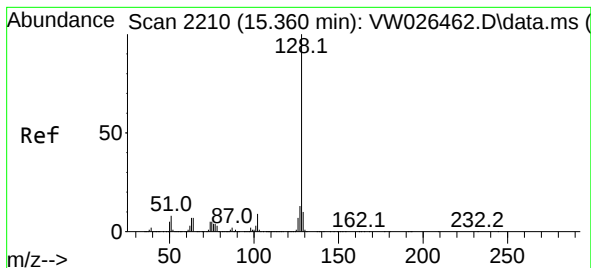
Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

145 32.7 26.2 39.2





#71

Naphthalene

Concen: 29.686 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

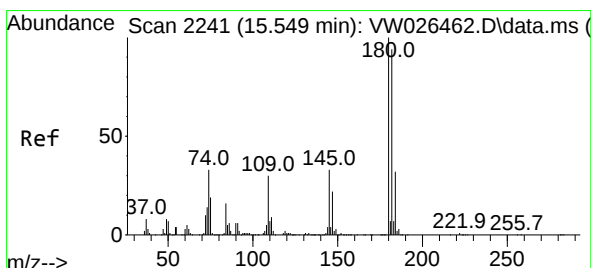
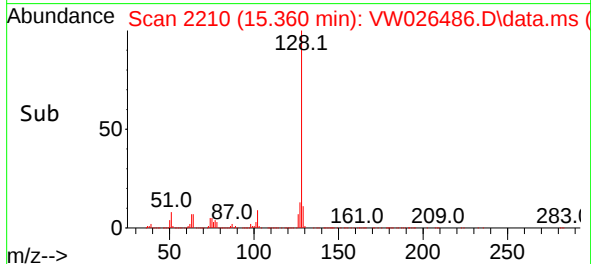
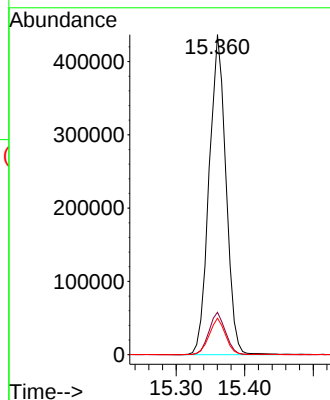
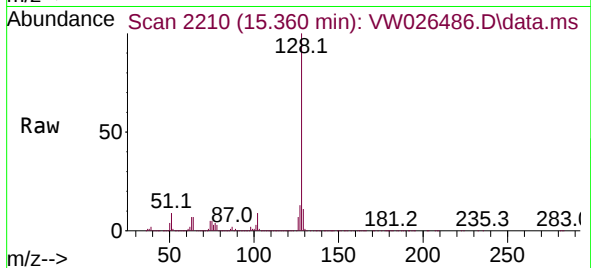
Tgt Ion:128 Resp: 745243

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 26.410 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026486.D

Acq: 30 Jun 2023 20:42

Tgt Ion:180 Resp: 279715

Ion Ratio Lower Upper

180 100

182 97.0 75.7 113.5

145 35.2 27.0 40.6

