

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025716.D
 Acq On : 27 Apr 2023 08:46
 Operator : SY/MD
 Sample : VSTD02545
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025445

Quant Time: Apr 28 02:21:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194167	23.463	ug/L	0.00
7) Chloroethane-d5	2.899	69	137519	23.218	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	447459	23.685	ug/L	0.00
21) 2-Butanone-d5	7.075	46	123782	45.589	ug/L	0.00
24) Chloroform-d	7.648	84	426484	23.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	231669	23.350	ug/L	0.00
32) Benzene-d6	8.276	84	859319	23.403	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	278458	23.448	ug/L	0.00
41) Toluene-d8	10.325	98	780479	24.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	107641	23.257	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	85529	46.367	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201679	23.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	236177	22.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	230632	27.634	ug/L	100
3) Chloromethane	2.223	50	280847	24.750	ug/L	100
5) Vinyl chloride	2.375	62	295089	24.732	ug/L	100
6) Bromomethane	2.790	94	155839	24.687	ug/L	100
8) Chloroethane	2.936	64	147607	24.287	ug/L	100
9) Trichlorofluoromethane	3.265	101	227147	25.328	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	231559	24.815	ug/L	100
12) 1,1-Dichloroethene	4.045	96	218199	23.875	ug/L	100
13) Acetone	4.119	43	110350	43.595	ug/L	100
14) Carbon disulfide	4.387	76	795753	24.787	ug/L	100
15) Methyl Acetate	4.667	43	116031	23.165	ug/L	100
16) Methylene chloride	4.917	84	251157	19.715	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	234514	24.277	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	332727	23.935	ug/L	100
19) 1,1-Dichloroethane	6.216	63	474423	24.098	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	246373	24.315	ug/L	100
22) 2-Butanone	7.167	43	153777	47.915	ug/L	100
23) Bromochloromethane	7.514	128	102158	24.278	ug/L	100
25) Chloroform	7.673	83	436002	24.113	ug/L	100
27) 1,2-Dichloroethane	8.398	62	298882	24.129	ug/L	100
29) Cyclohexane	7.959	56	478110	25.410	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	351703	23.956	ug/L	100
31) Carbon tetrachloride	8.069	117	318830	23.865	ug/L	100
33) Benzene	8.325	78	1013178	24.547	ug/L	100
34) Trichloroethene	9.093	95	250635	23.509	ug/L	100
35) Methylcyclohexane	9.337	83	479889	25.326	ug/L	100
37) 1,2-Dichloropropane	9.368	63	270497	24.313	ug/L	100
38) Bromodichloromethane	9.642	83	304525	24.212	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	388635	24.394	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	318327	47.436	ug/L	100
42) Toluene	10.386	91	1041266	24.729	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	318833	24.359	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

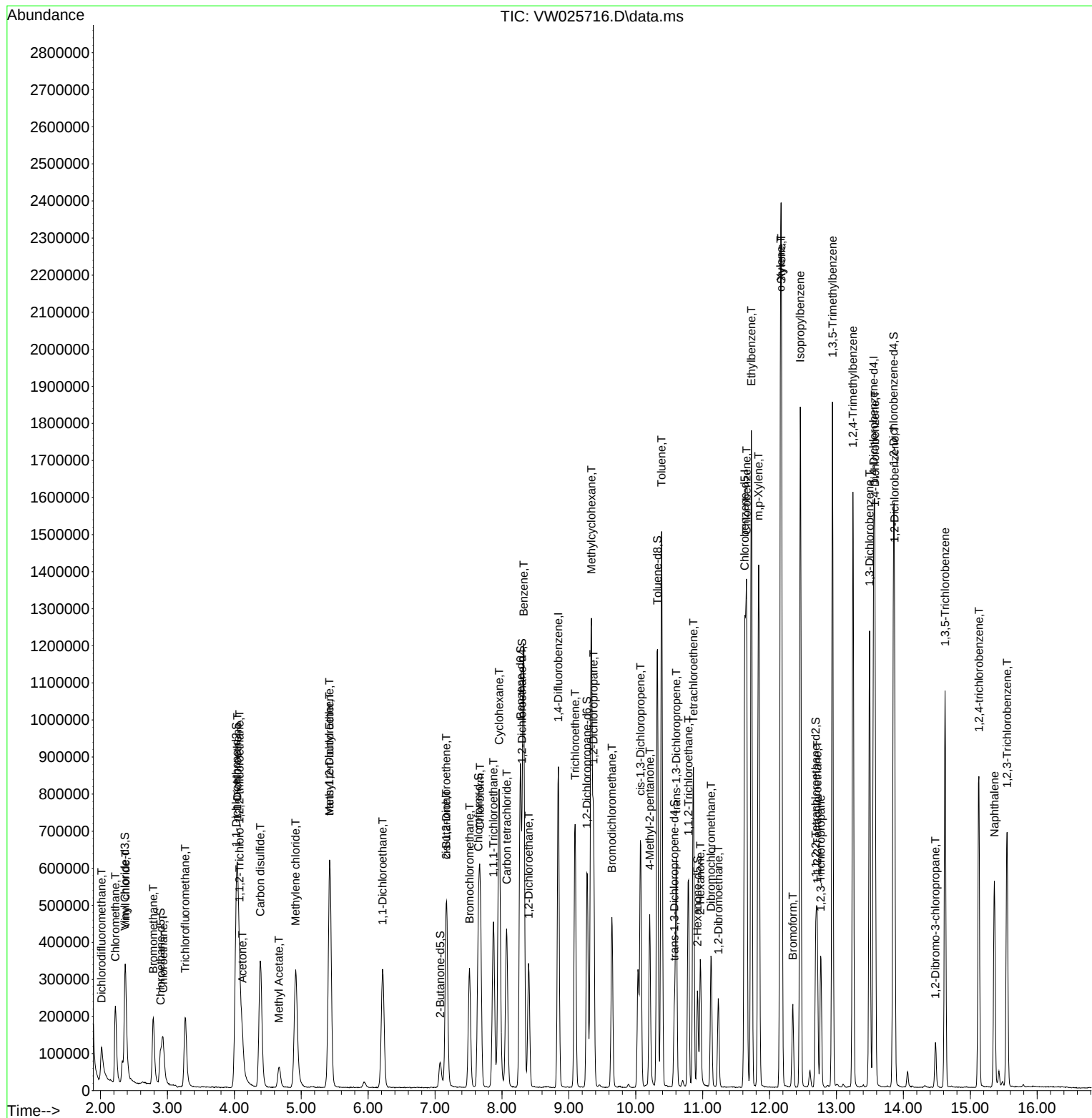
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	172881	23.982	ug/L	100
46) Tetrachloroethene	10.861	164	184404	24.425	ug/L	100
48) 2-Hexanone	10.965	43	230019	48.676	ug/L	100
49) Dibromochloromethane	11.123	129	177540	23.777	ug/L	100
50) 1,2-Dibromoethane	11.233	107	155954	23.582	ug/L	100
51) Chlorobenzene	11.654	112	623270	24.052	ug/L	100
52) Ethylbenzene	11.727	91	1185158	25.099	ug/L	100
53) m,p-Xylene	11.837	106	425525	24.411	ug/L	100
54) o-Xylene	12.166	106	406407	25.004	ug/L	100
55) Styrene	12.178	104	692063	25.117	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	207460	23.498	ug/L	100
59) Bromoform	12.349	173	95834	22.643	ug/L	100
60) Isopropylbenzene	12.459	105	1120580	23.886	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	151831	22.855	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	894959	24.262	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	817169	24.525	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	445018	22.477	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	446484	22.242	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	406255	23.258	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	32499	21.464	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	289884	22.505	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	245011	22.277	ug/L	100
71) Naphthalene	15.360	128	451468	22.982	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	215663	22.215	ug/L	100

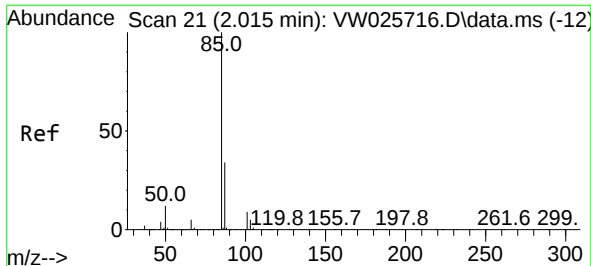
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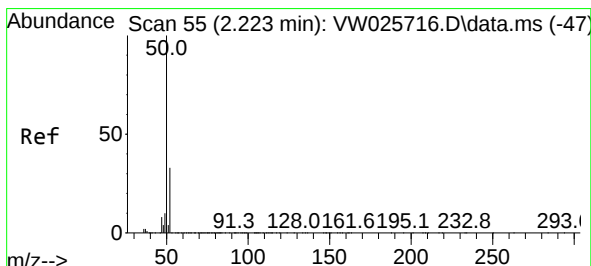
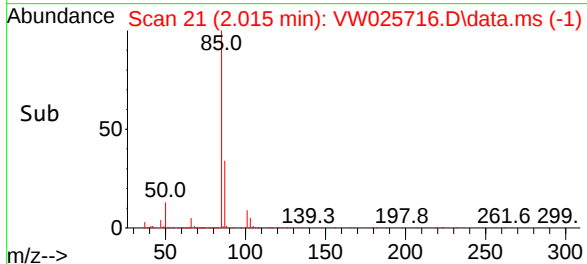
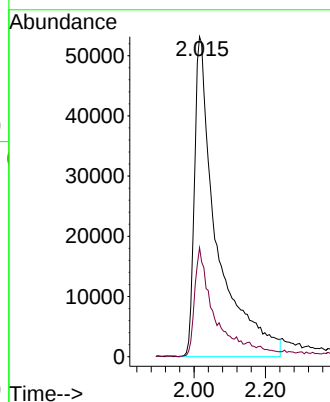
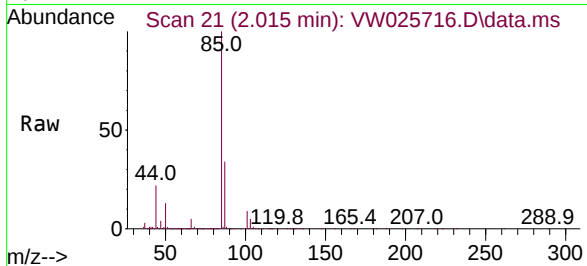




#2
Dichlorodifluoromethane
Concen: 27.634 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

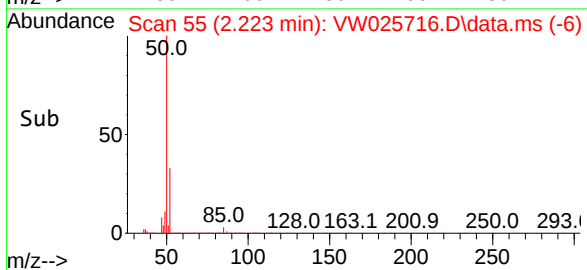
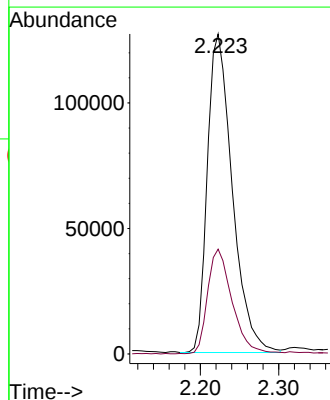
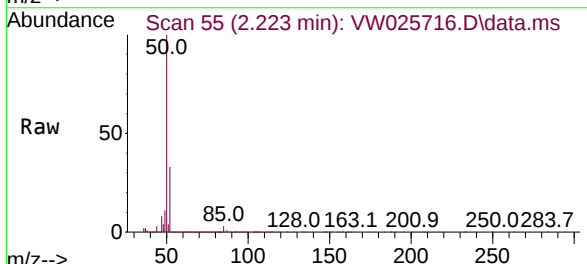
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

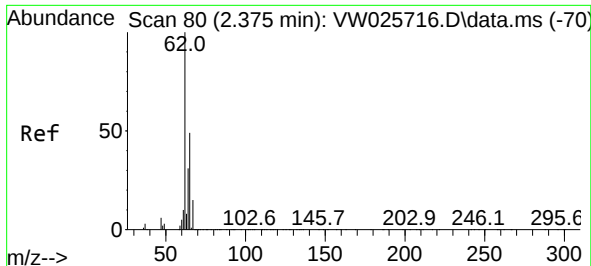
Tgt Ion: 85 Resp: 230632
Ion Ratio Lower Upper
85 100
87 26.6 21.3 31.9



#3
Chloromethane
Concen: 24.750 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 50 Resp: 280847
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5

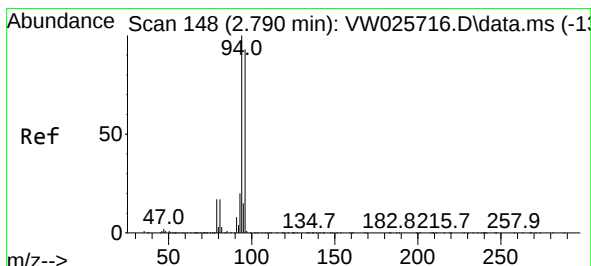
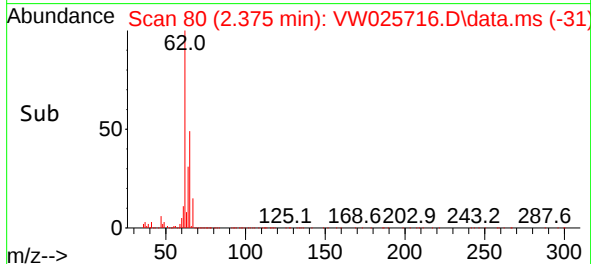
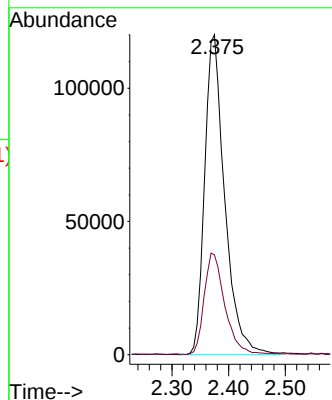
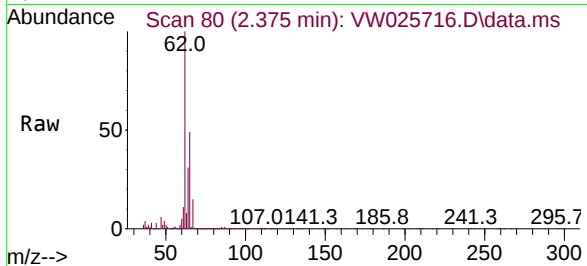




#5
 Vinyl chloride
 Concen: 24.732 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

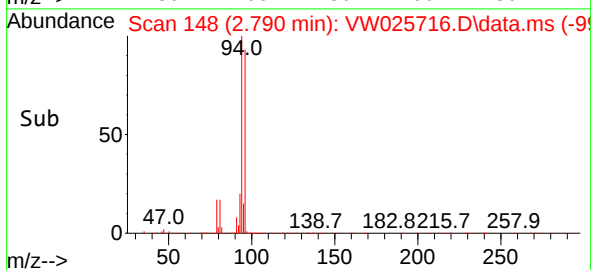
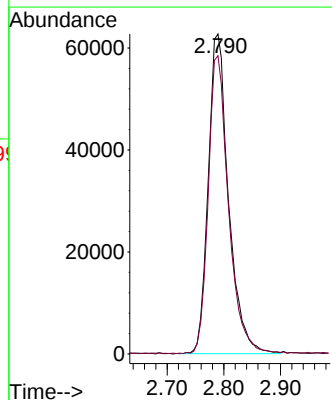
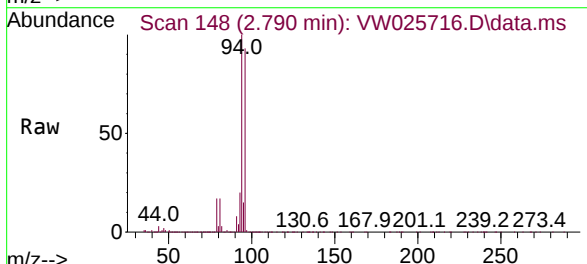
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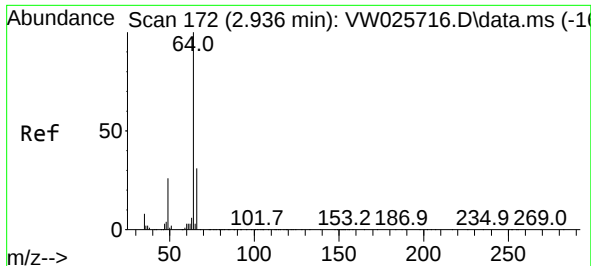
Tgt Ion: 62 Resp: 295089
 Ion Ratio Lower Upper
 62 100
 64 31.2 21.8 40.6



#6
 Bromomethane
 Concen: 24.687 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

Tgt Ion: 94 Resp: 155839
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.2 121.2

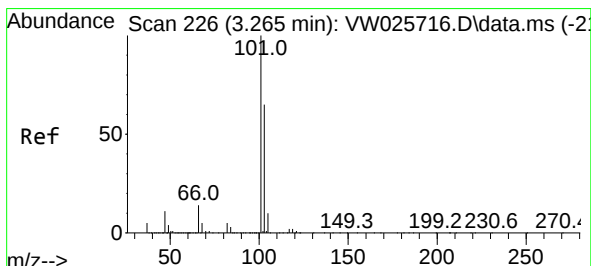
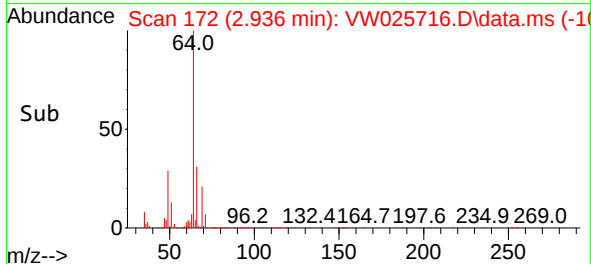
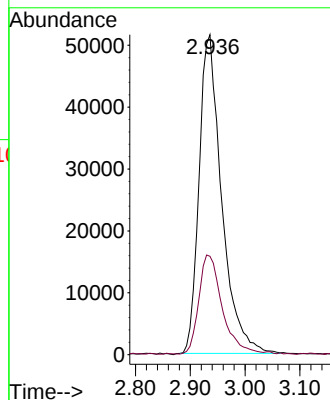
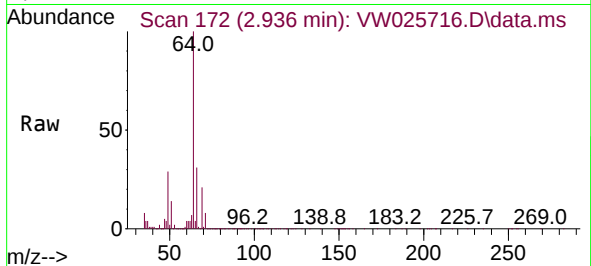




#8
Chloroethane
Concen: 24.287 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

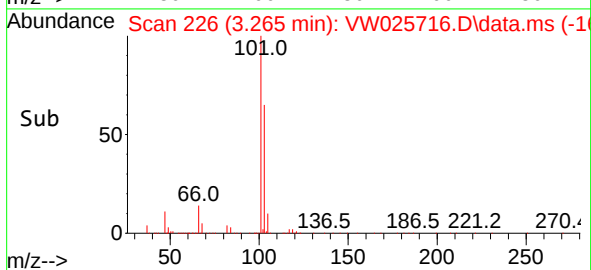
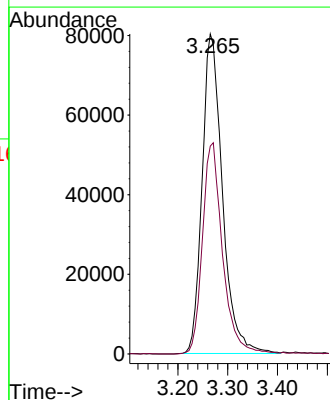
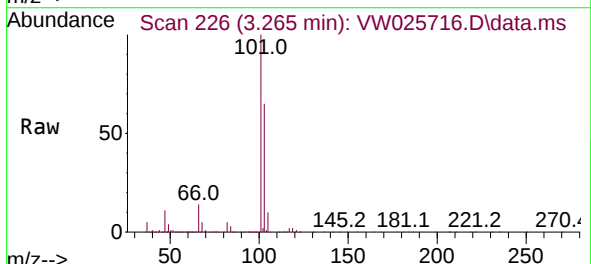
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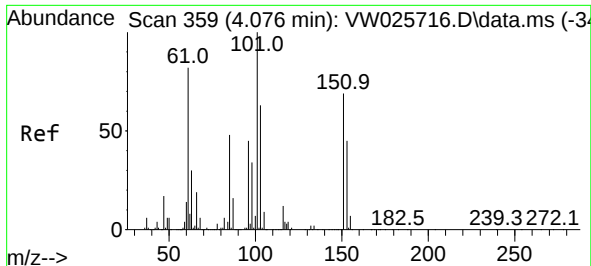
Tgt Ion: 64 Resp: 147607
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 25.328 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 101 Resp: 227147
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

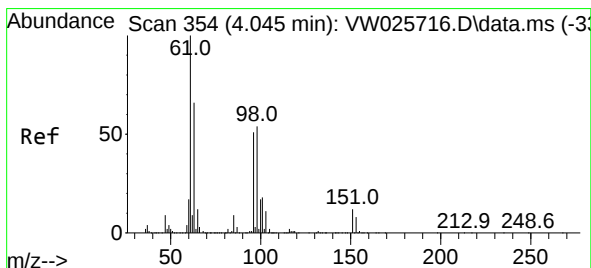
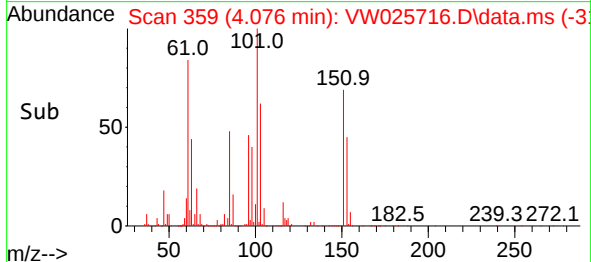
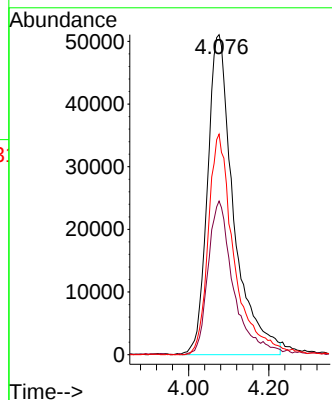
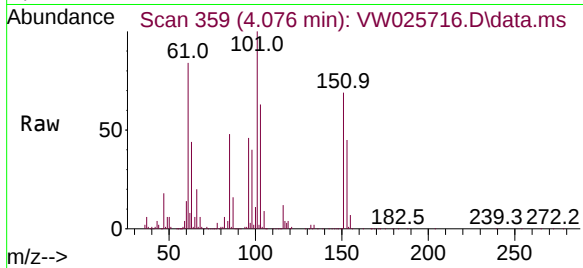




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.815 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

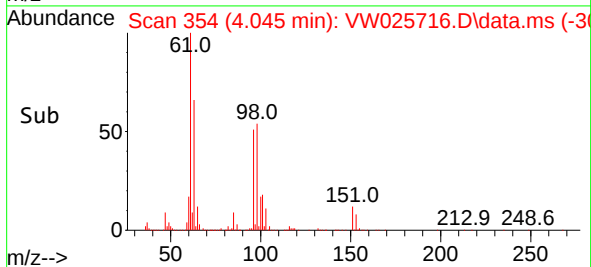
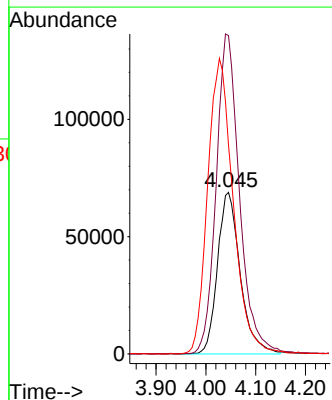
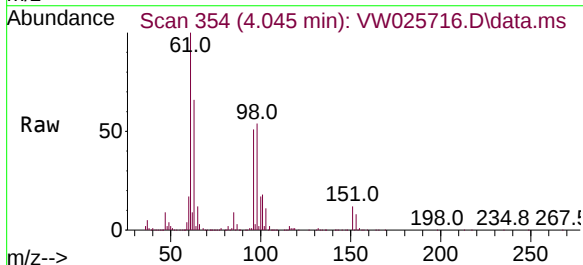
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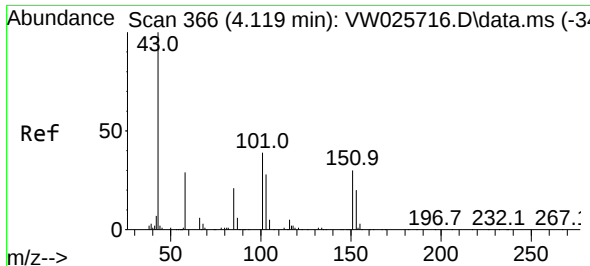
Tgt Ion:101 Resp: 231559
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.9 53.9
 151 67.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 23.875 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

Tgt Ion: 96 Resp: 218199
 Ion Ratio Lower Upper
 96 100
 61 197.0 137.9 256.1
 63 129.3 90.5 168.1

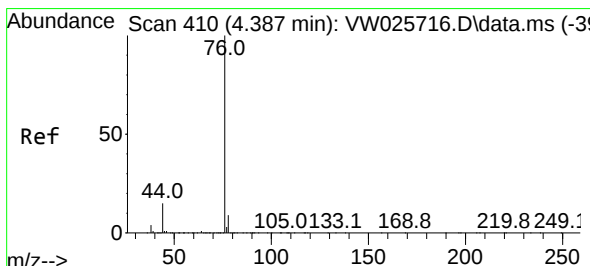
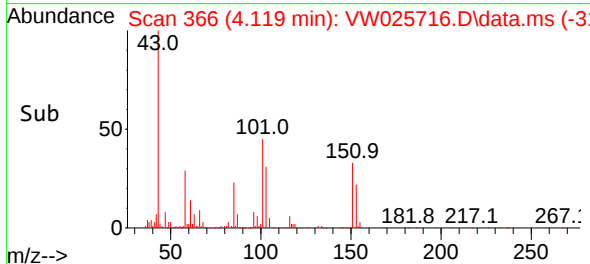
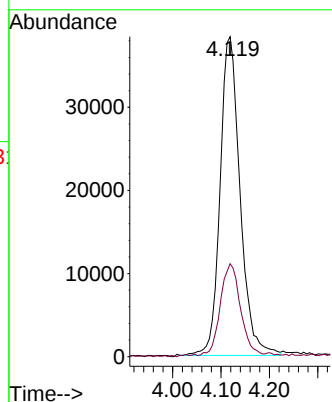
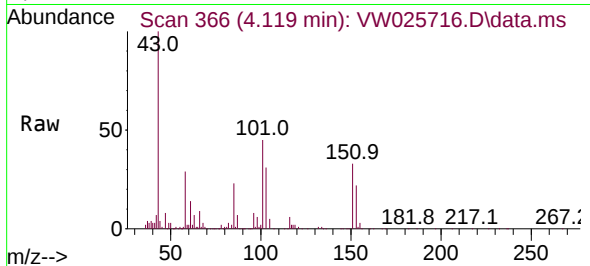




#13
Acetone
Concen: 43.595 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

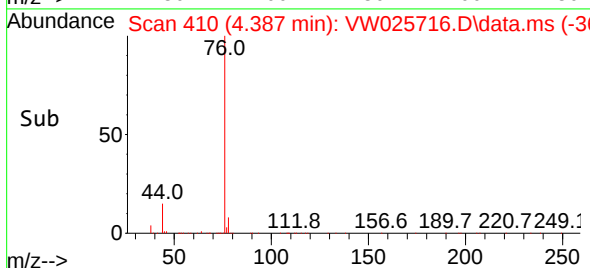
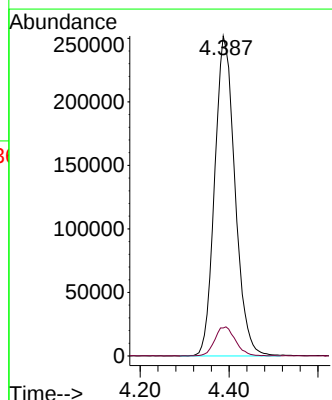
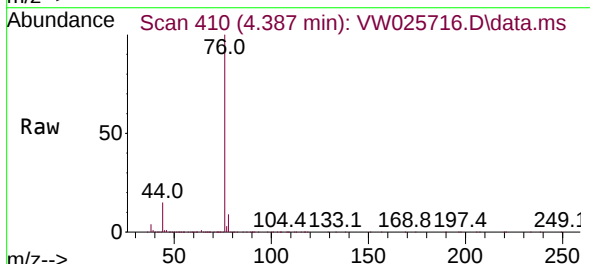
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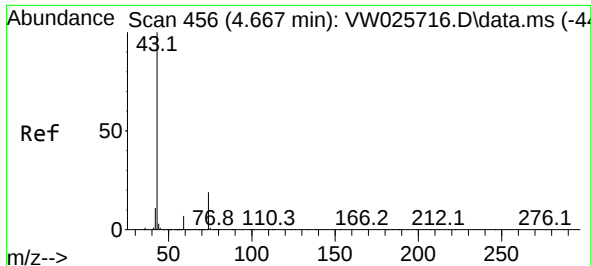
Tgt Ion: 43 Resp: 110350
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.6



#14
Carbon disulfide
Concen: 24.787 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Acq: 27 Apr 2023 08:46

Tgt Ion: 76 Resp: 795753
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

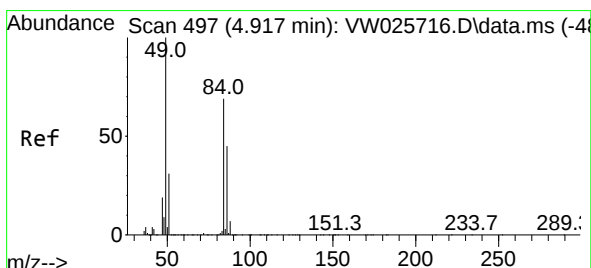
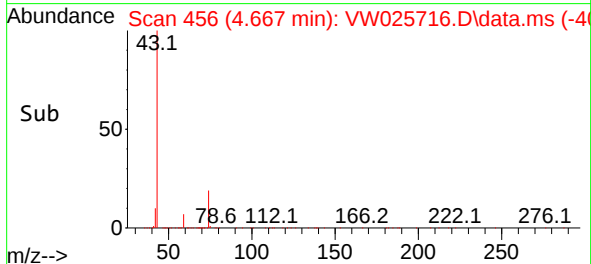
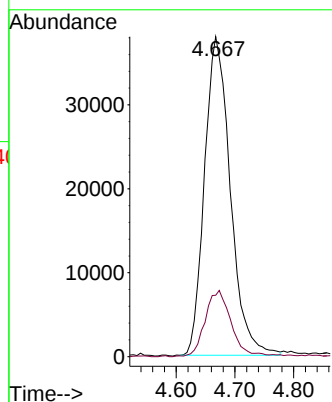
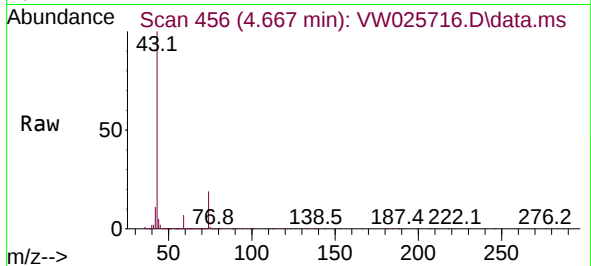




#15
Methyl Acetate
Concen: 23.165 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

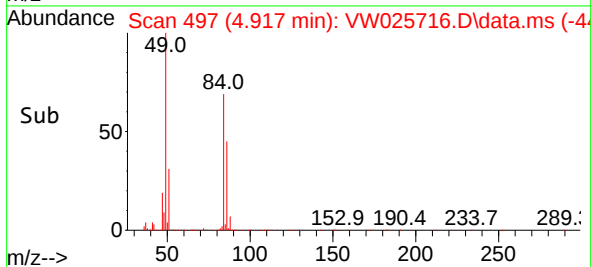
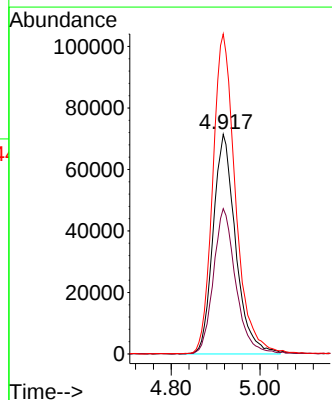
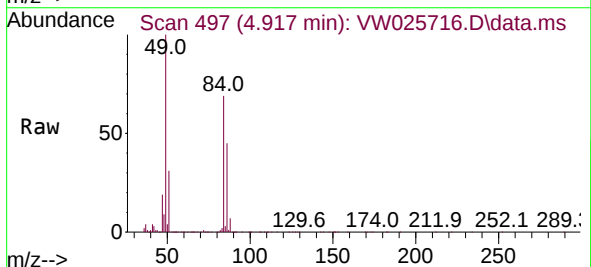
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

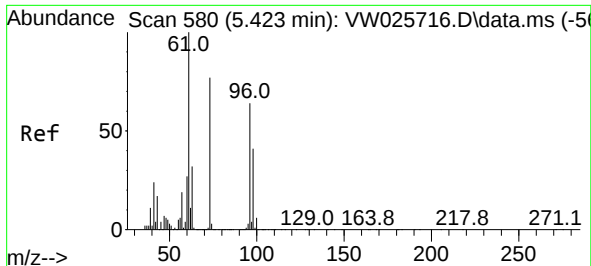
Tgt Ion: 43 Resp: 116031
Ion Ratio Lower Upper
43 100
74 20.1 16.1 24.1



#16
Methylene chloride
Concen: 19.715 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 84 Resp: 251157
Ion Ratio Lower Upper
84 100
86 66.1 46.3 85.9
49 145.6 101.9 189.3

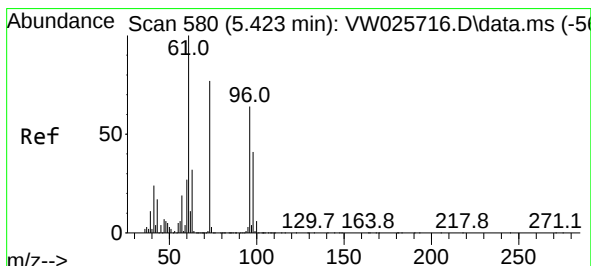
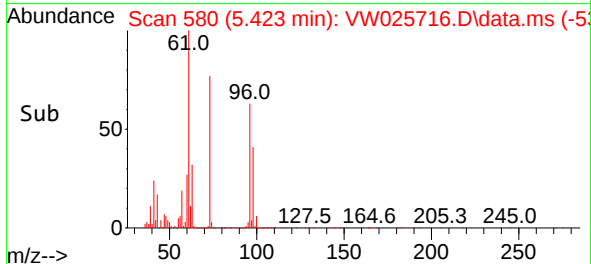
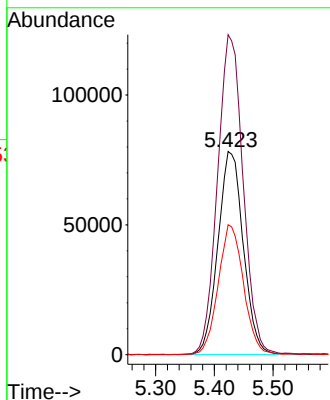
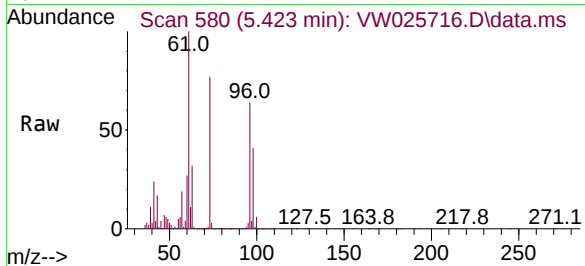




#17
trans-1,2-Dichloroethene
Concen: 24.277 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

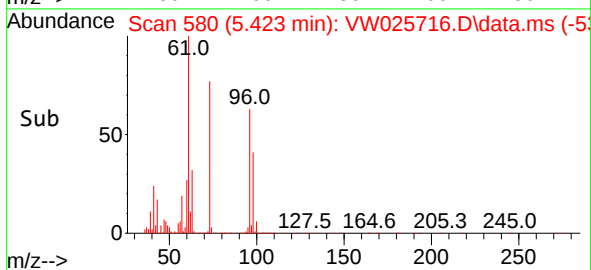
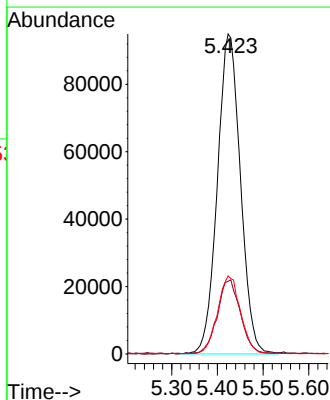
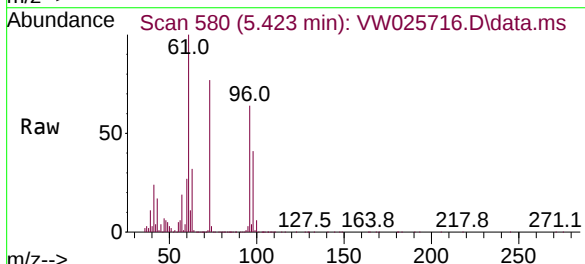
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

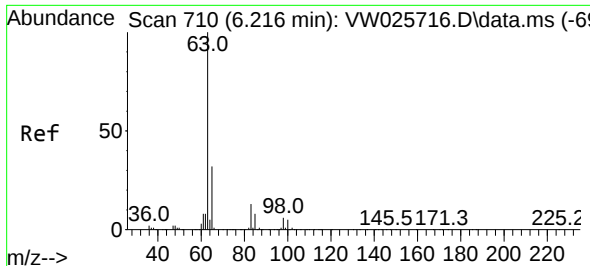
Tgt Ion: 96 Resp: 234514
Ion Ratio Lower Upper
96 100
61 157.5 110.2 204.8
98 64.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 23.935 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 73 Resp: 332727
Ion Ratio Lower Upper
73 100
43 22.8 18.2 27.4
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.098 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025716.D

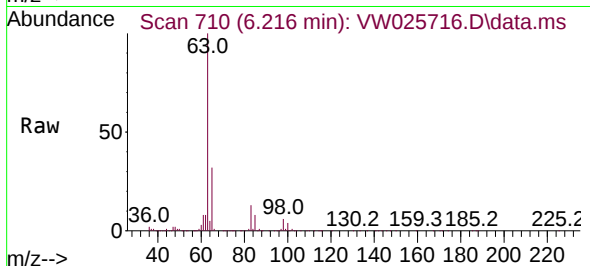
Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445



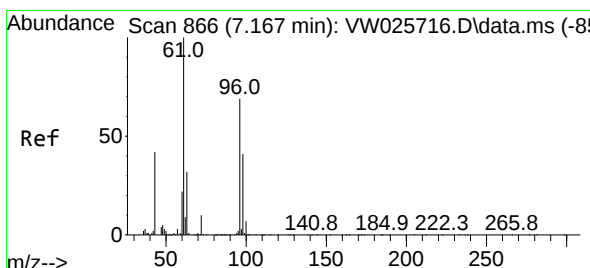
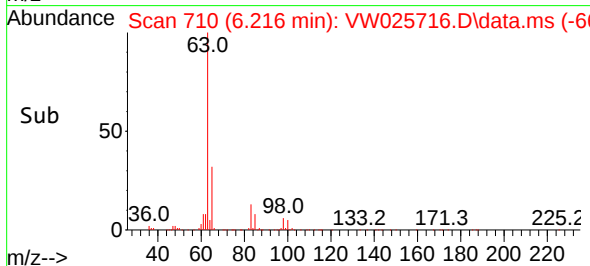
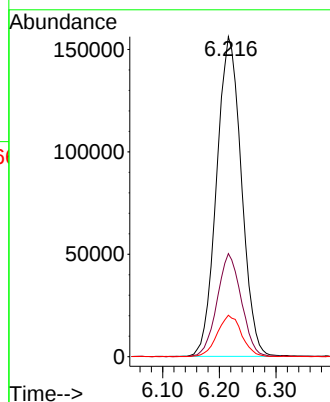
Tgt Ion: 63 Resp: 474423

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.315 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

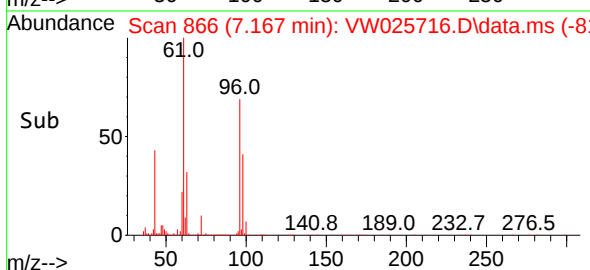
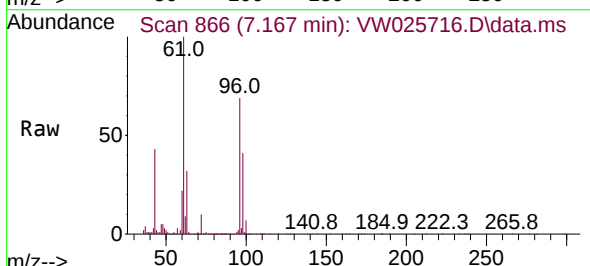
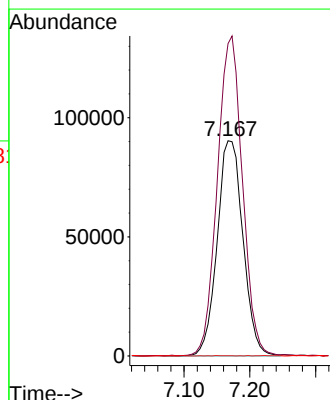
Tgt Ion: 96 Resp: 246373

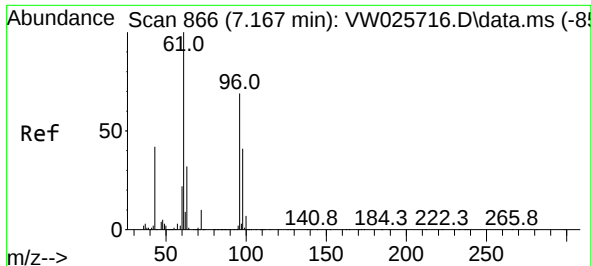
Ion Ratio Lower Upper

96 100

61 145.1 101.6 188.6

68 0.1 0.1 0.1

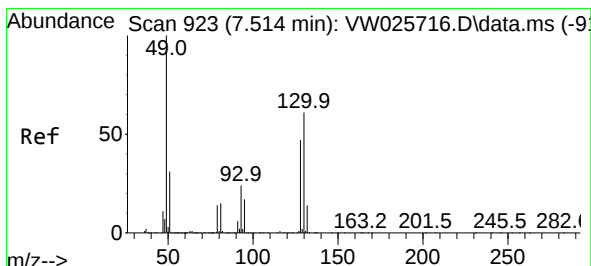
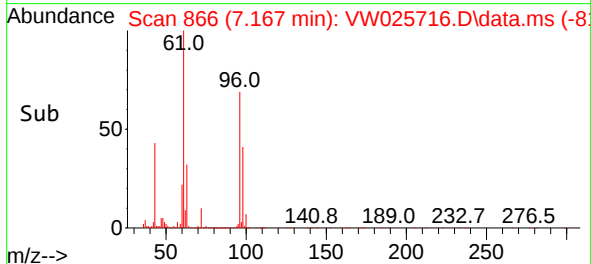
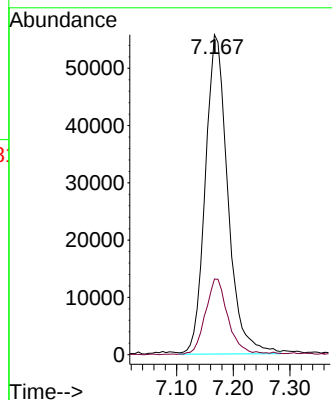
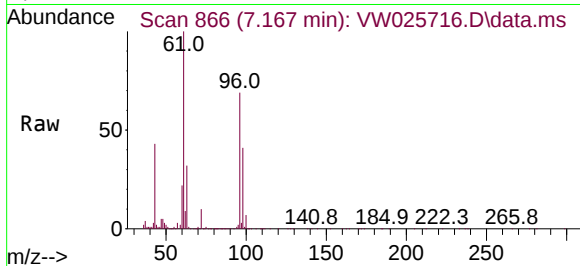




#22
2-Butanone
Concen: 47.915 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

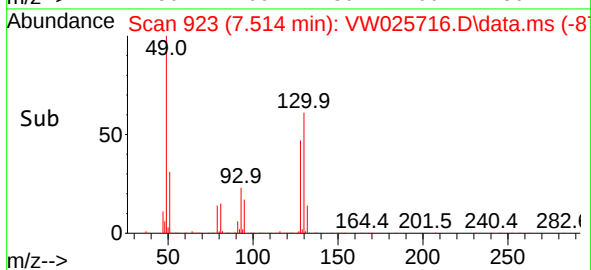
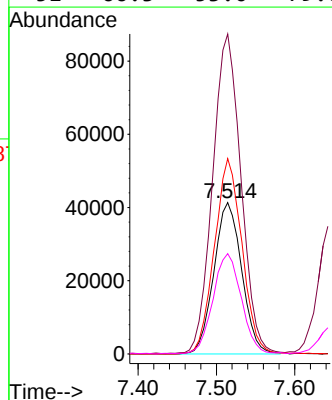
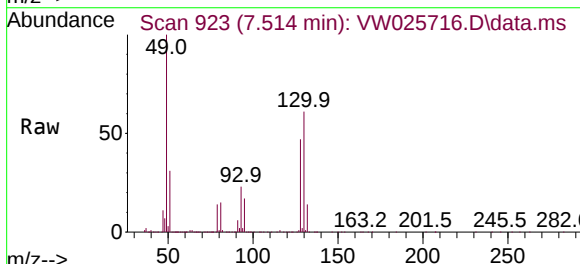
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

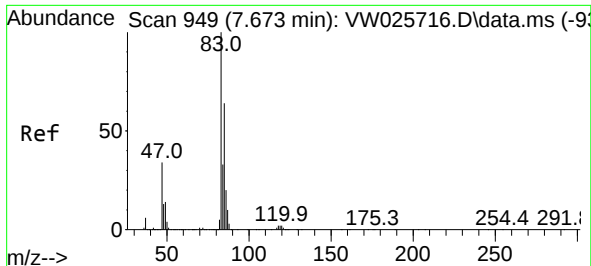
Tgt Ion: 43 Resp: 153777
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0



#23
Bromochloromethane
Concen: 24.278 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 128 Resp: 102158
Ion Ratio Lower Upper
128 100
49 211.4 148.0 274.8
130 129.0 90.3 167.7
51 66.3 53.0 79.6

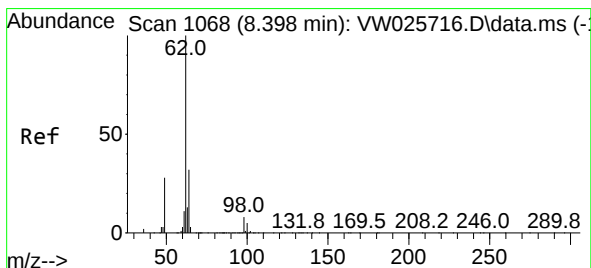
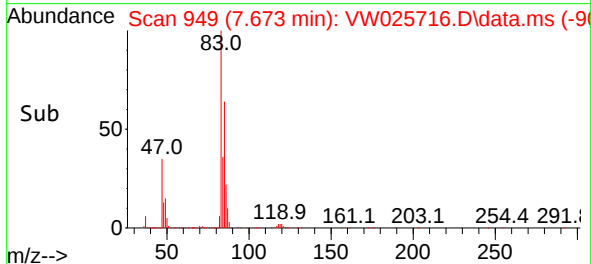
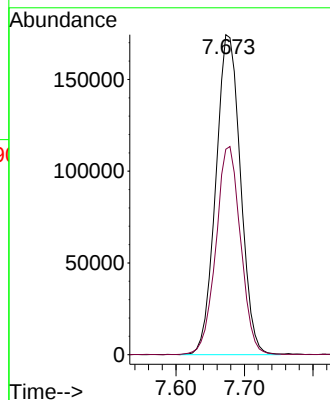
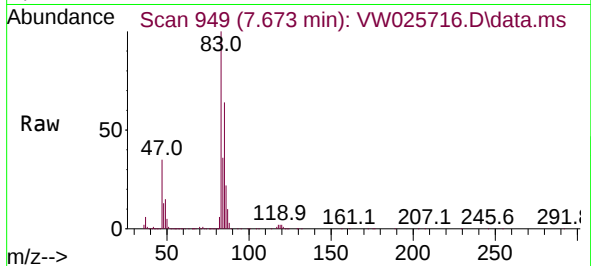




#25
Chloroform
Concen: 24.113 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

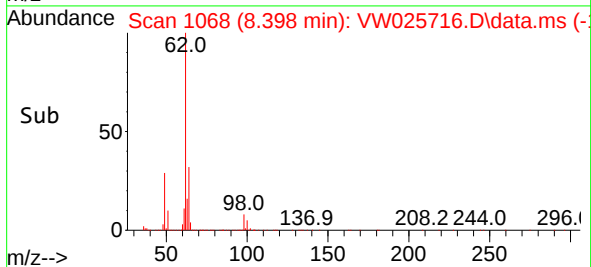
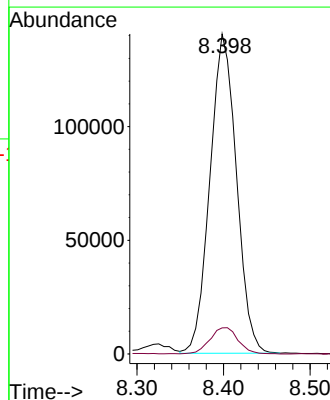
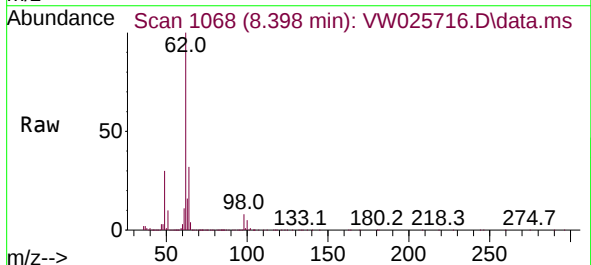
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

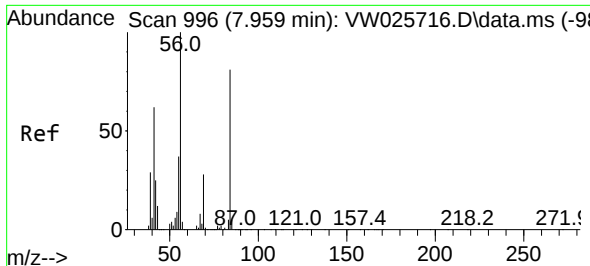
Tgt Ion: 83 Resp: 436002
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5



#27
1,2-Dichloroethane
Concen: 24.129 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 62 Resp: 298882
Ion Ratio Lower Upper
62 100
98 8.1 6.5 9.7

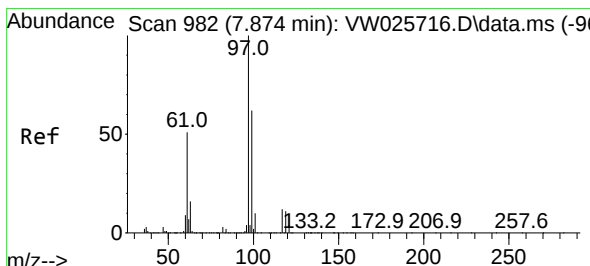
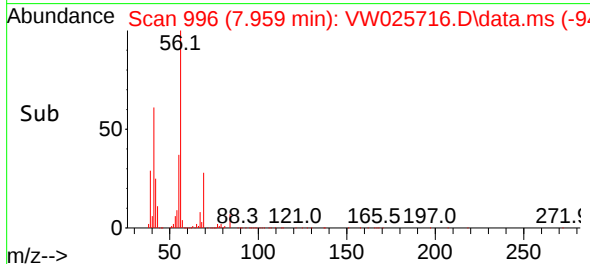
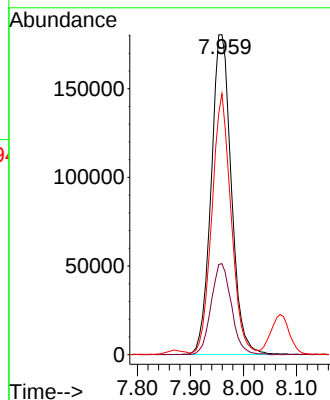
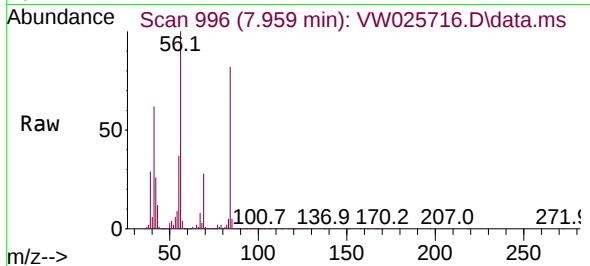




#29
Cyclohexane
Concen: 25.410 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

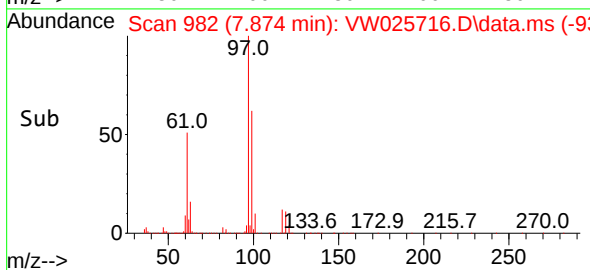
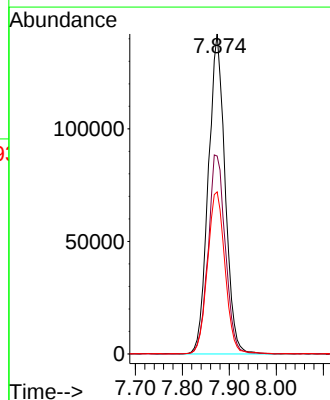
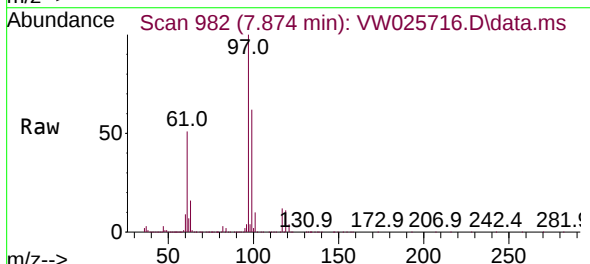
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

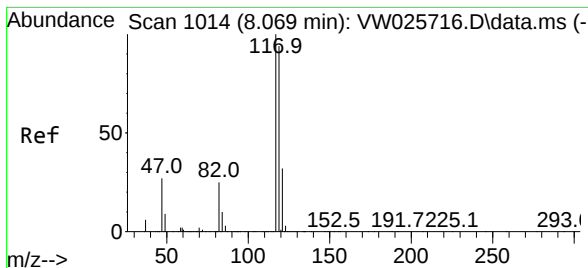
Tgt Ion: 56 Resp: 478110
Ion Ratio Lower Upper
56 100
69 28.3 22.6 34.0
84 77.7 62.2 93.2



#30
1,1,1-Trichloroethane
Concen: 23.956 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 97 Resp: 351703
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 52.7 42.2 63.2

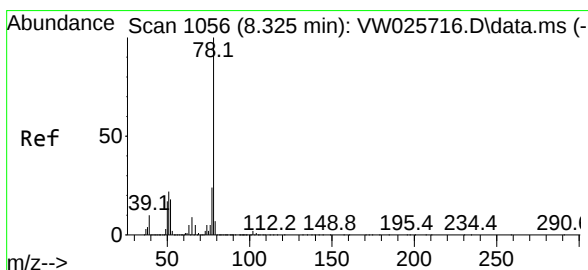
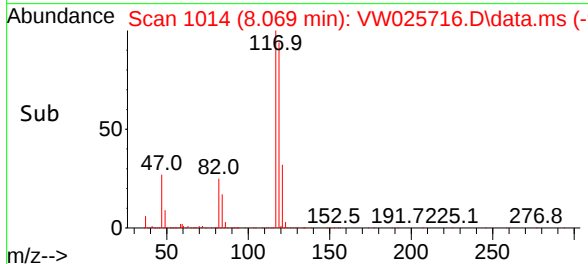
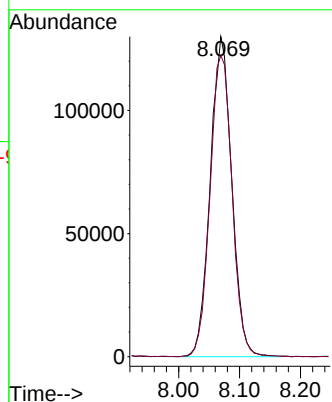
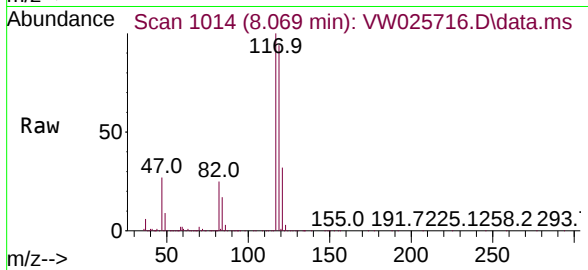




#31
Carbon tetrachloride
Concen: 23.865 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

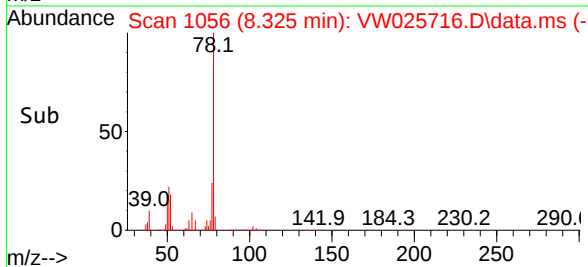
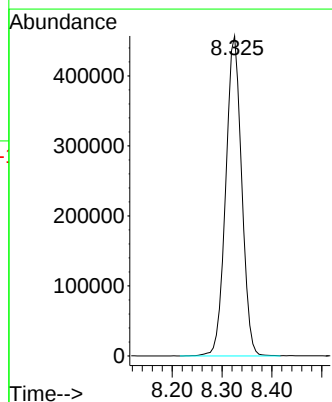
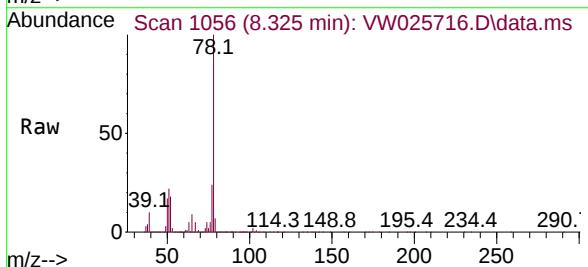
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

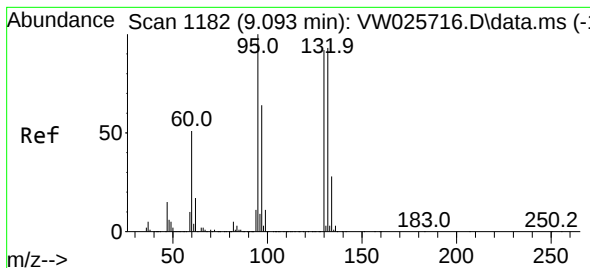
Tgt Ion:117 Resp: 318830
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 24.547 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 78 Resp: 1013178





#34

Trichloroethene

Concen: 23.509 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

Tgt Ion: 95 Resp: 250635

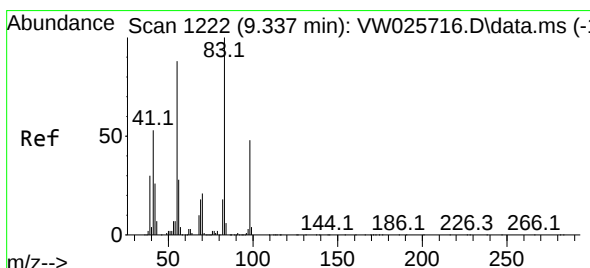
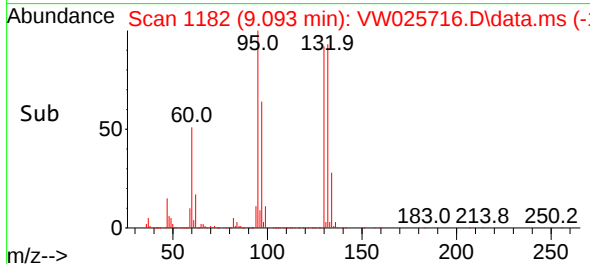
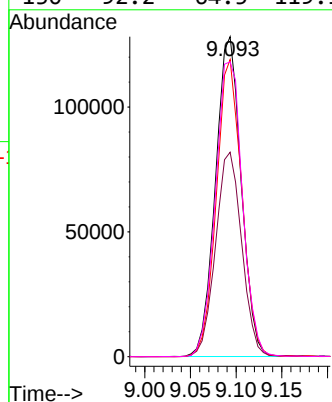
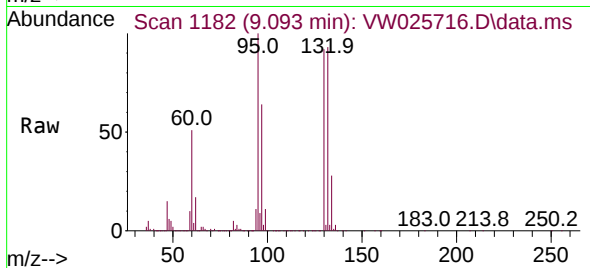
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 92.8 65.0 120.6

130 92.2 64.5 119.9



#35

Methylcyclohexane

Concen: 25.326 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

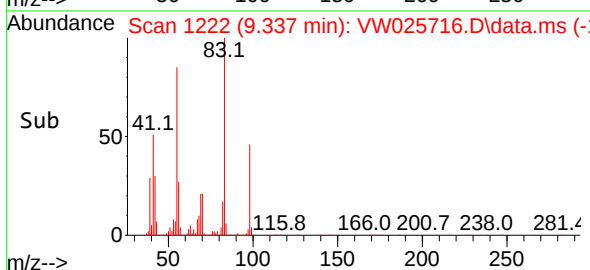
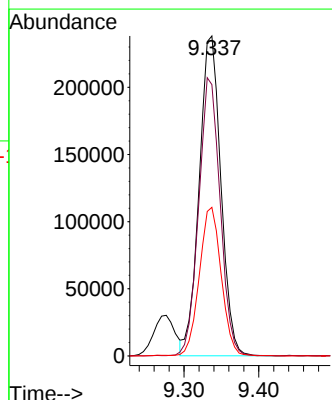
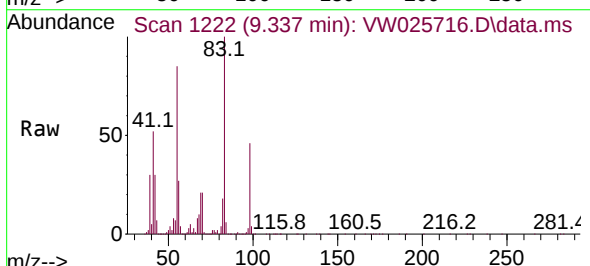
Tgt Ion: 83 Resp: 479889

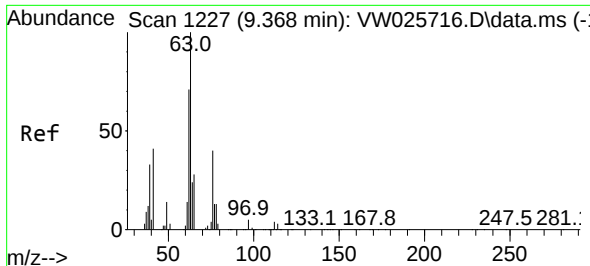
Ion Ratio Lower Upper

83 100

55 85.9 68.7 103.1

98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 24.313 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

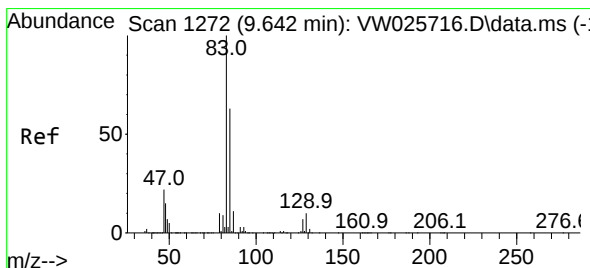
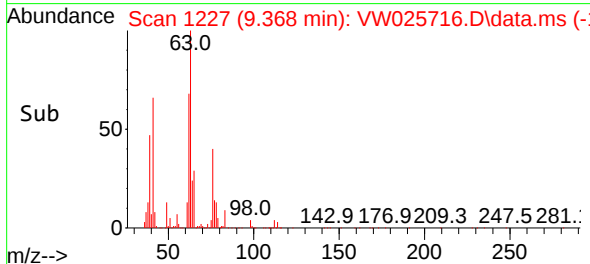
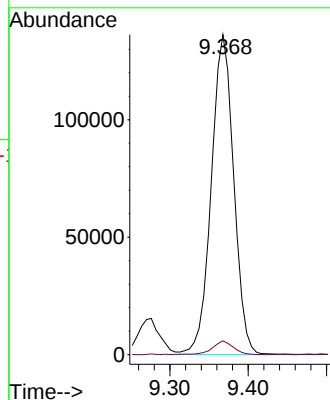
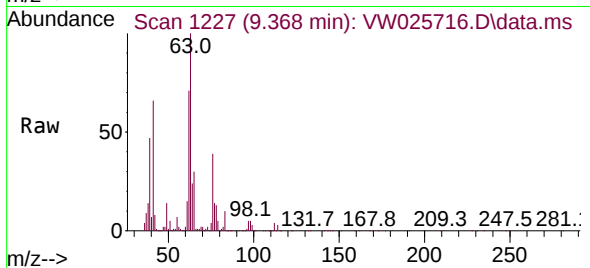
VSTD025445

Tgt Ion: 63 Resp: 270497

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 24.212 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

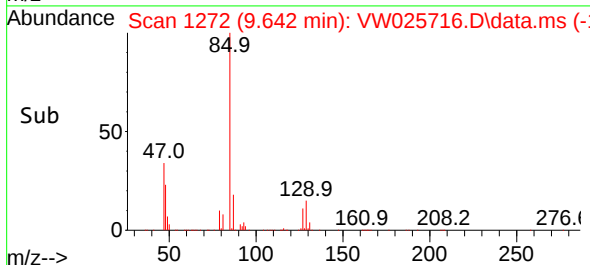
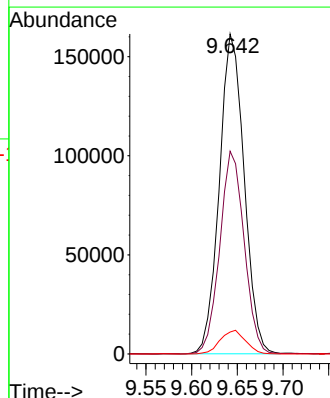
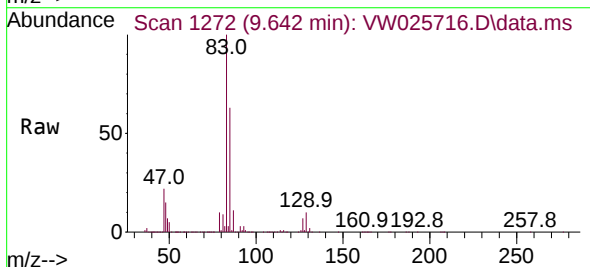
Tgt Ion: 83 Resp: 304525

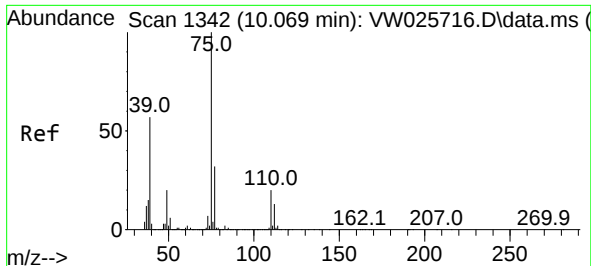
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 6.9 5.5 8.3

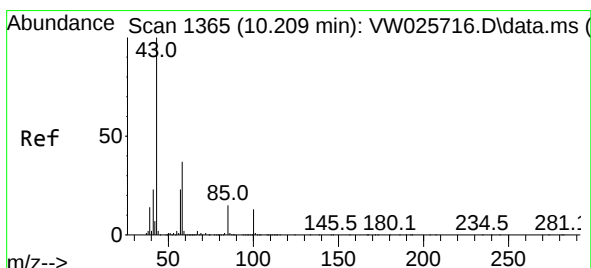
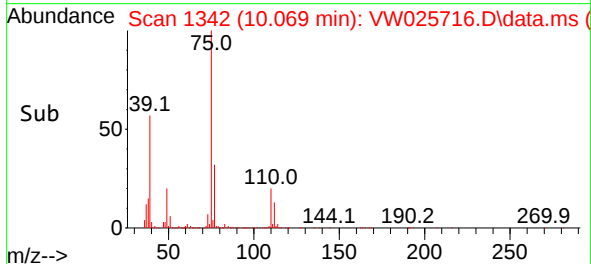
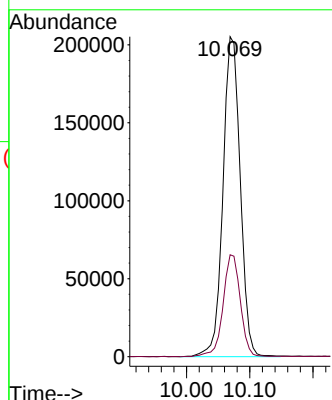
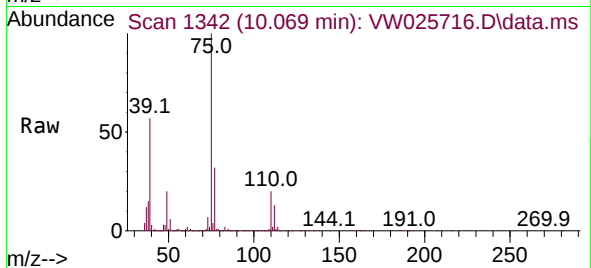




#39
 cis-1,3-Dichloropropene
 Concen: 24.394 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

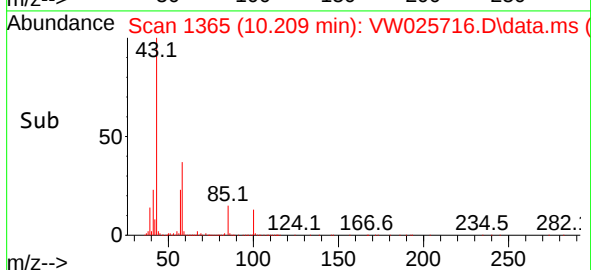
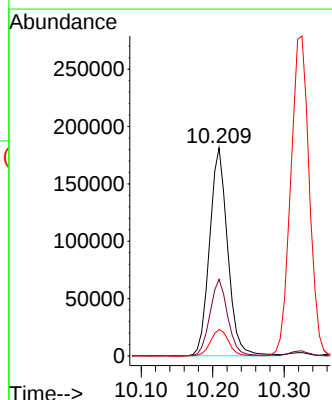
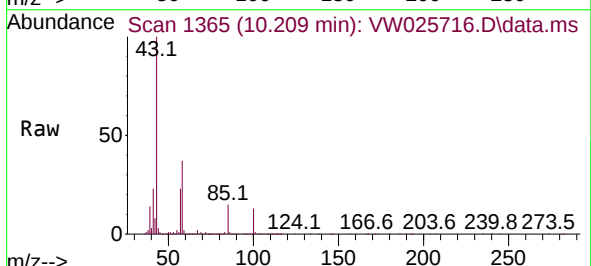
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025445

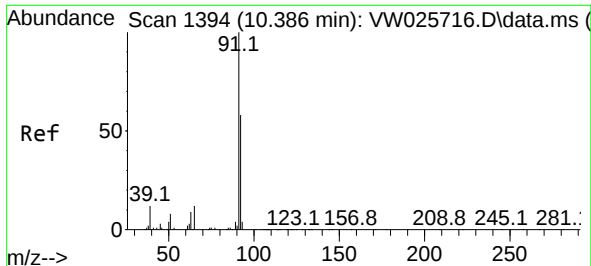
Tgt Ion: 75 Resp: 388635
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 47.436 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025716.D
 Acq: 27 Apr 2023 08:46

Tgt Ion: 43 Resp: 318327
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.4 44.0
 100 12.8 10.2 15.4

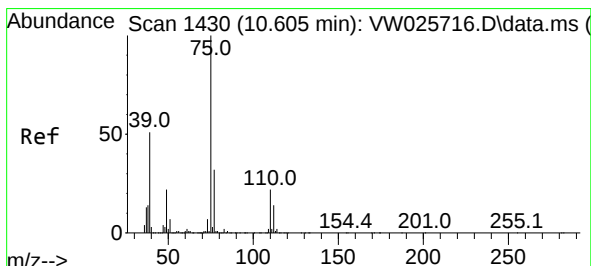
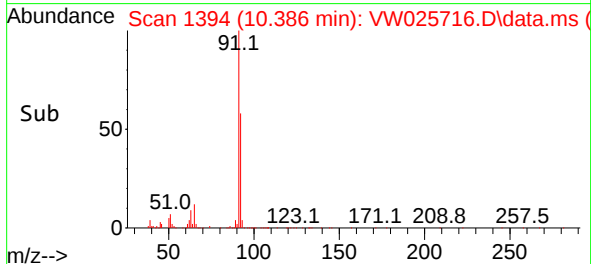
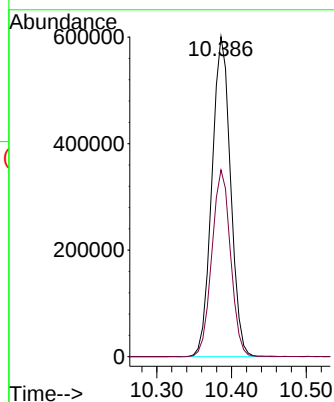
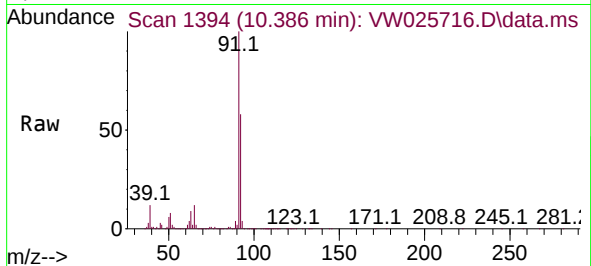




#42
Toluene
Concen: 24.729 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

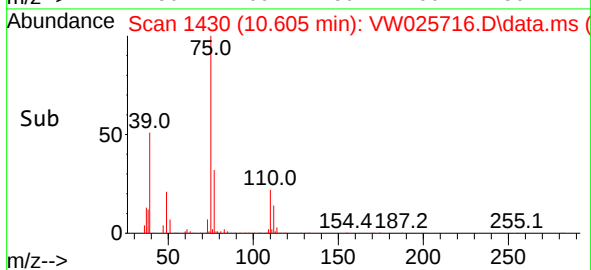
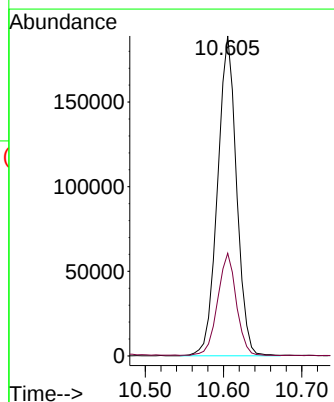
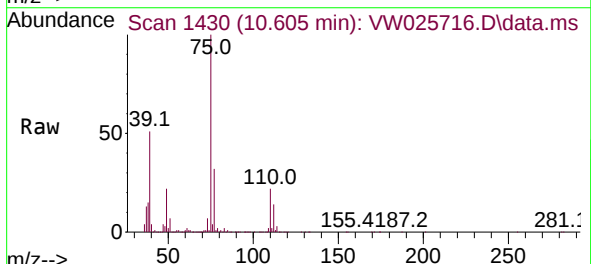
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

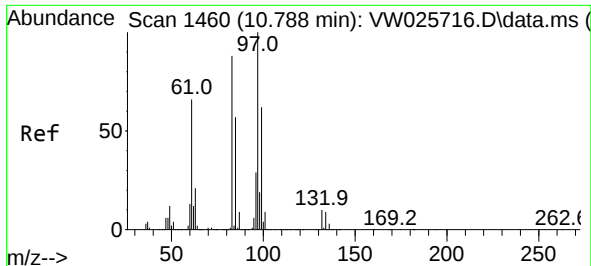
Tgt Ion: 91 Resp: 1041266
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 24.359 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 75 Resp: 318833
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.7

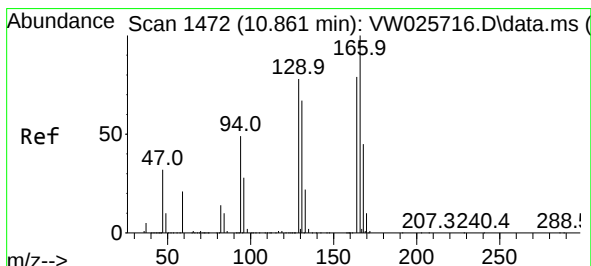
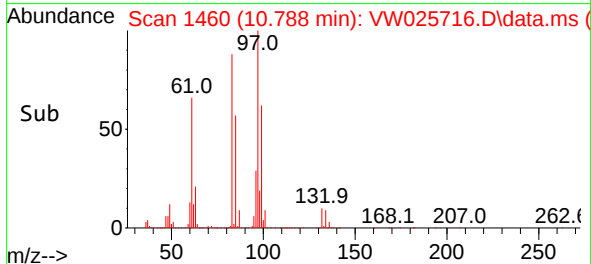
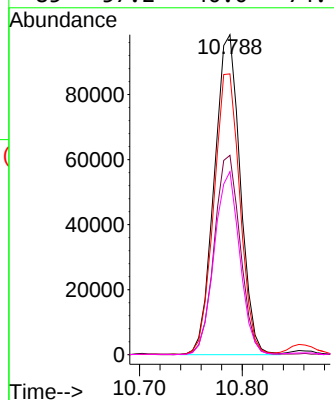
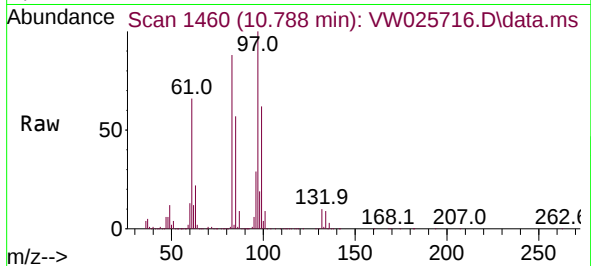




#45
1,1,2-Trichloroethane
Concen: 23.982 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

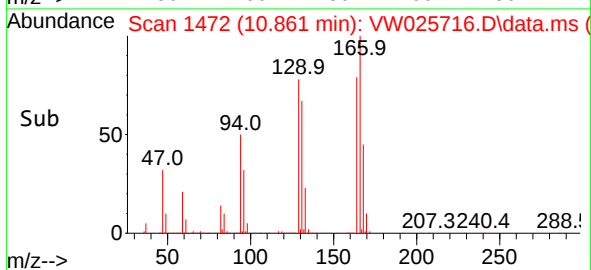
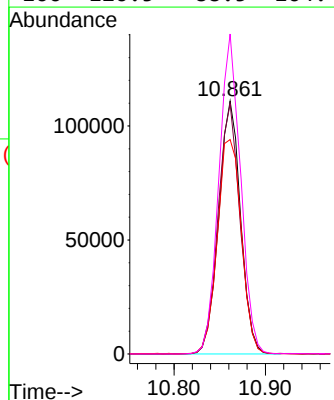
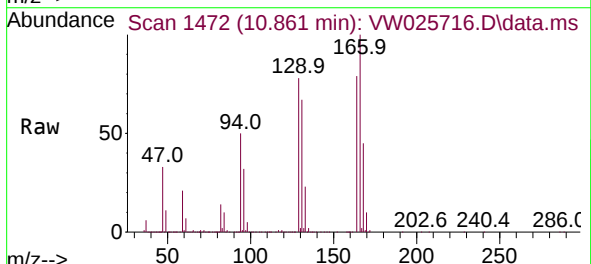
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

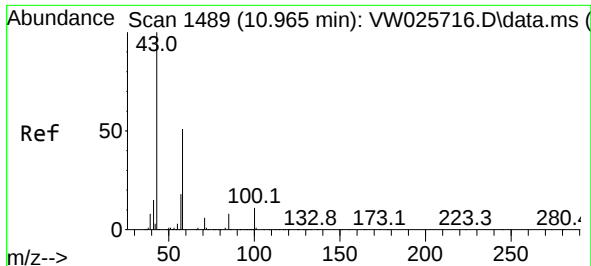
Tgt Ion:	97	Resp:	172881
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	87.8	61.5	114.1
85	57.2	40.0	74.4



#46
Tetrachloroethene
Concen: 24.425 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:	164	Resp:	184404
Ion	Ratio	Lower	Upper
164	100		
129	98.9	69.2	128.6
131	84.8	59.4	110.2
166	126.5	88.5	164.4



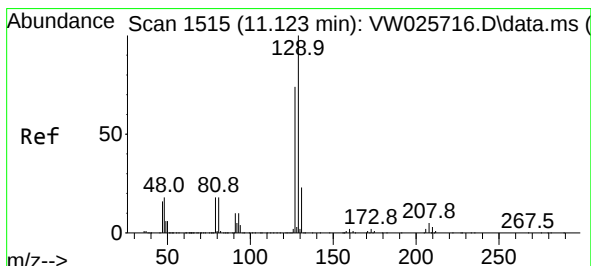
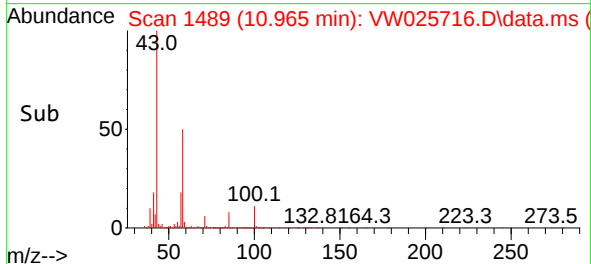
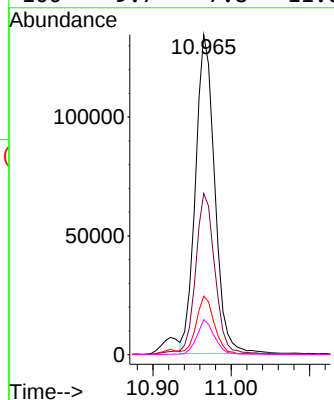
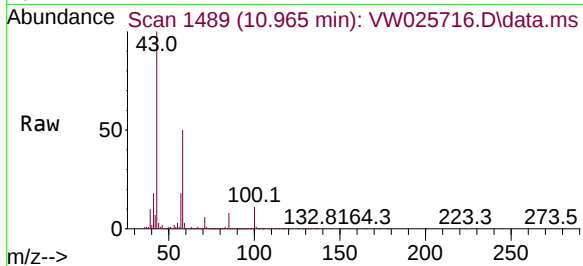


#48
2-Hexanone
Concen: 48.676 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

Tgt Ion: 43 Resp: 230019

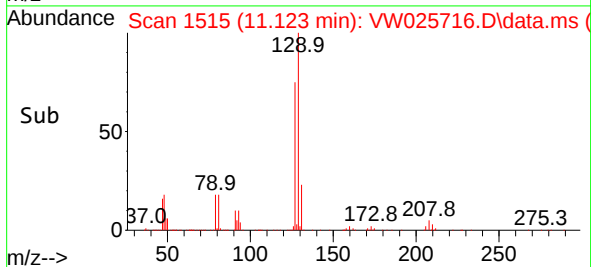
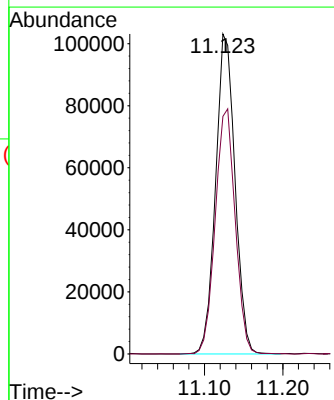
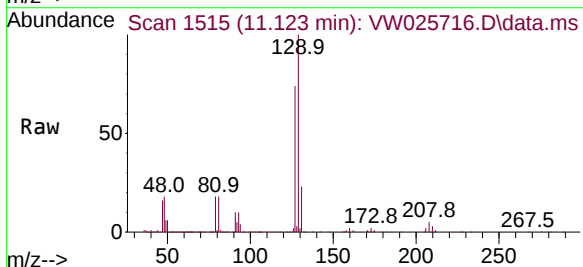
Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.3	60.5
57	17.3	13.8	20.8
100	9.7	7.8	11.6

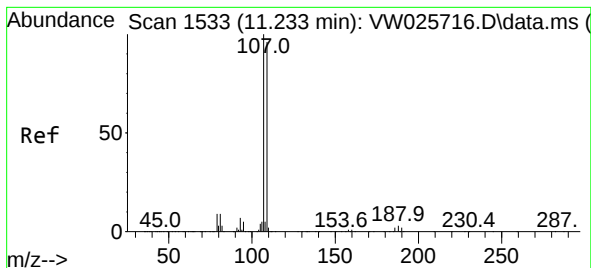


#49
Dibromochloromethane
Concen: 23.777 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion: 129 Resp: 177540

Ion	Ratio	Lower	Upper
129	100		
127	74.2	51.9	96.5

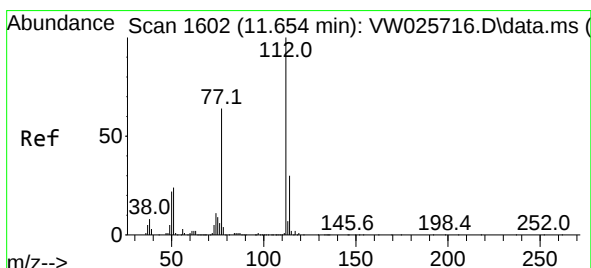
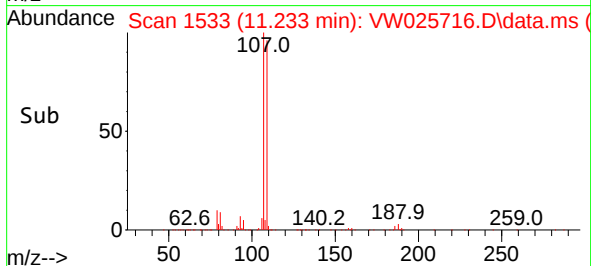
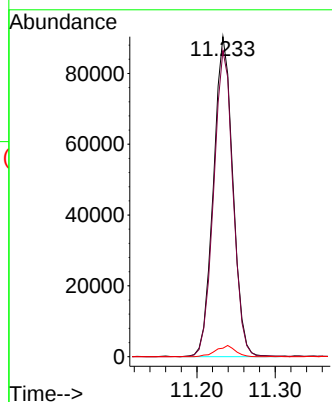
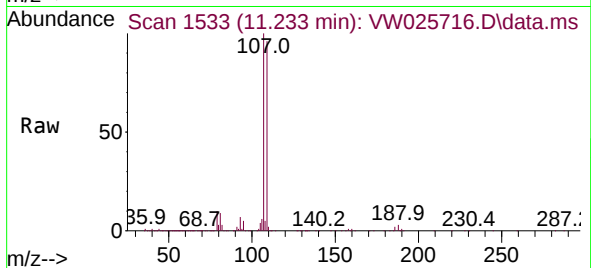




#50
1,2-Dibromoethane
Concen: 23.582 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

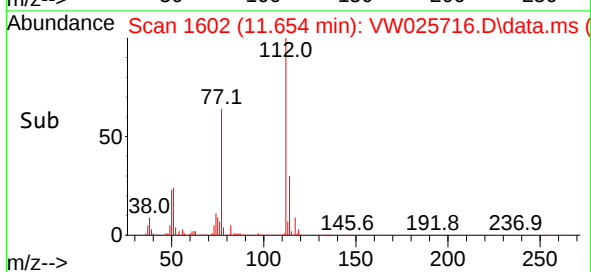
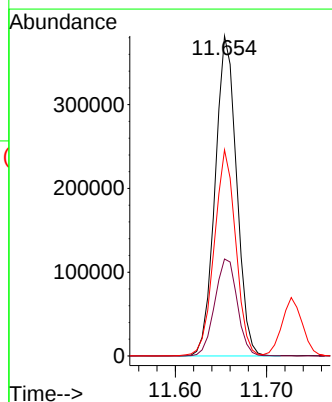
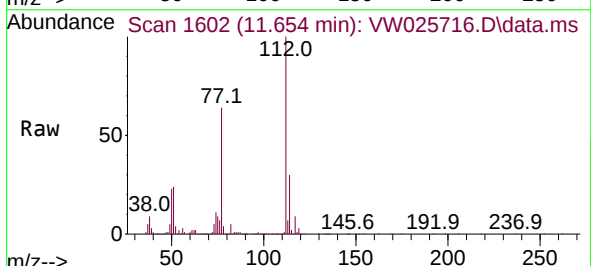
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

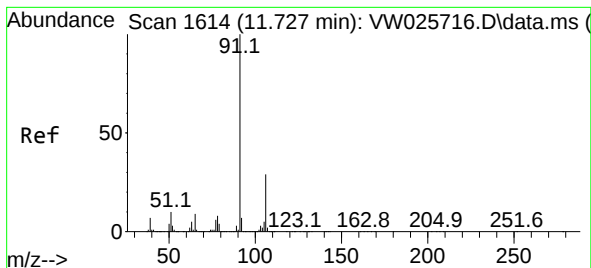
Tgt Ion:107 Resp: 155954
Ion Ratio Lower Upper
107 100
109 95.6 66.9 124.3
188 2.6 2.1 3.1



#51
Chlorobenzene
Concen: 24.052 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:112 Resp: 623270
Ion Ratio Lower Upper
112 100
114 30.3 21.2 39.4
77 64.4 51.5 77.3

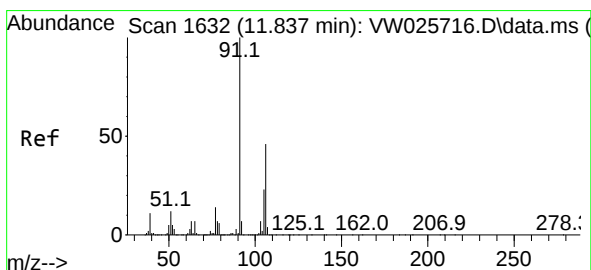
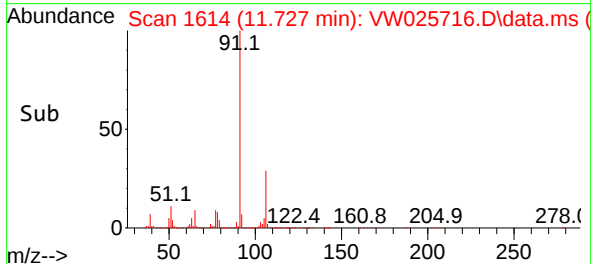
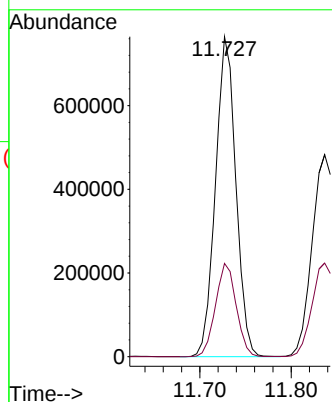
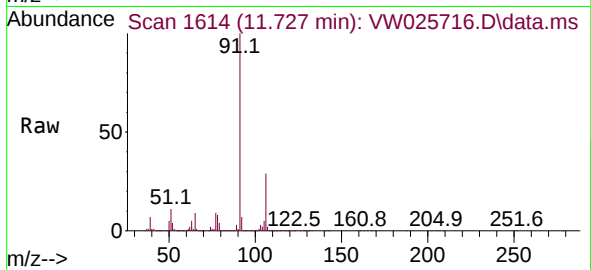




#52
Ethylbenzene
Concen: 25.099 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

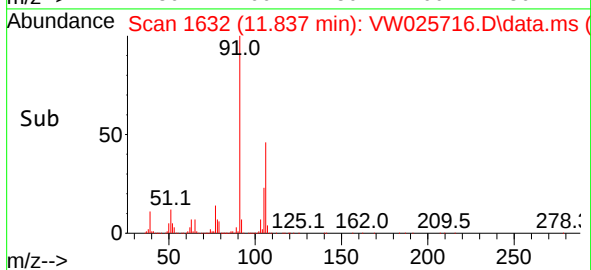
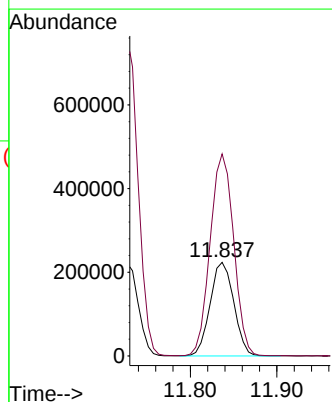
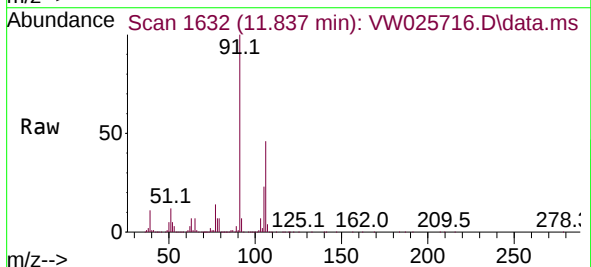
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

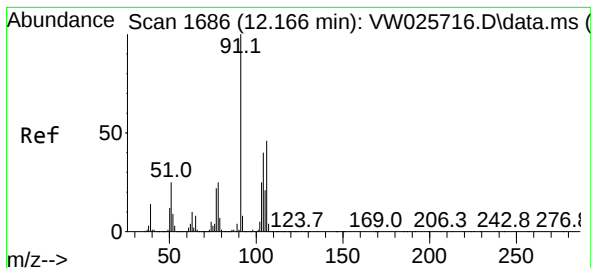
Tgt Ion: 91 Resp: 1185158
Ion Ratio Lower Upper
91 100
106 29.1 20.4 37.8



#53
m,p-Xylene
Concen: 24.411 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:106 Resp: 425525
Ion Ratio Lower Upper
106 100
91 215.8 151.1 280.5

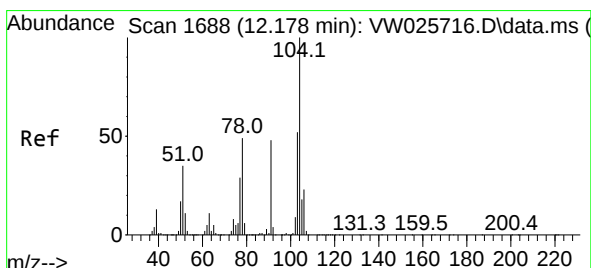
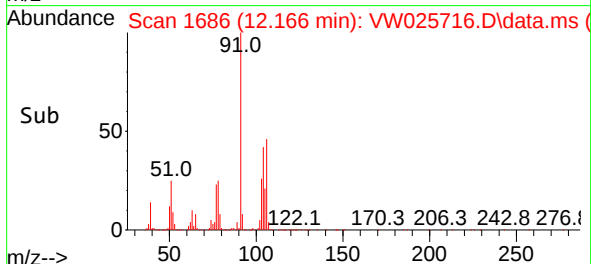
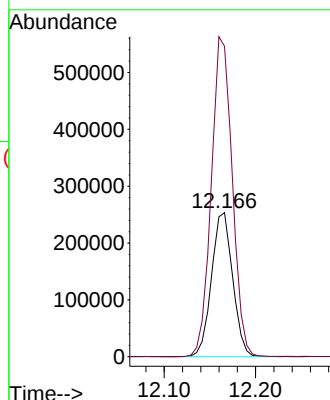
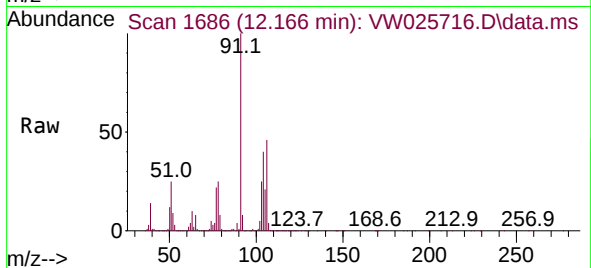




#54
o-Xylene
Concen: 25.004 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

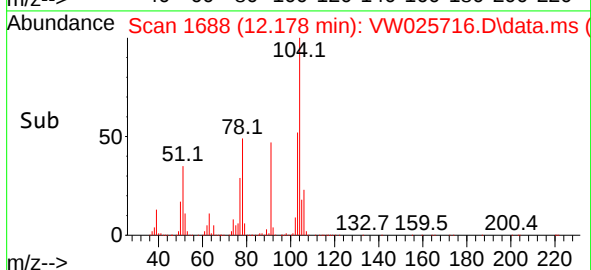
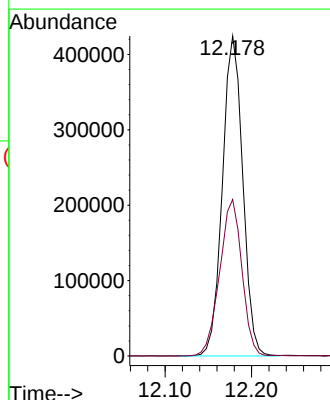
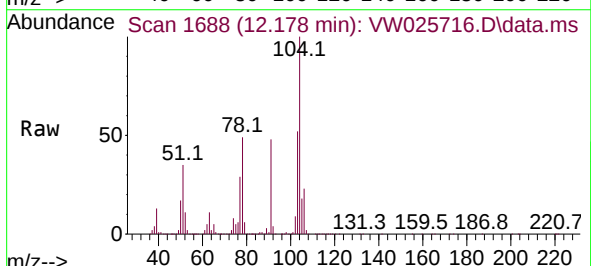
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

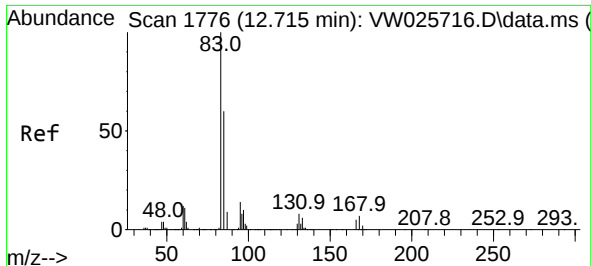
Tgt Ion:106 Resp: 406407
Ion Ratio Lower Upper
106 100
91 215.5 150.8 280.1



#55
Styrene
Concen: 25.117 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:104 Resp: 692063
Ion Ratio Lower Upper
104 100
78 48.9 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.498 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

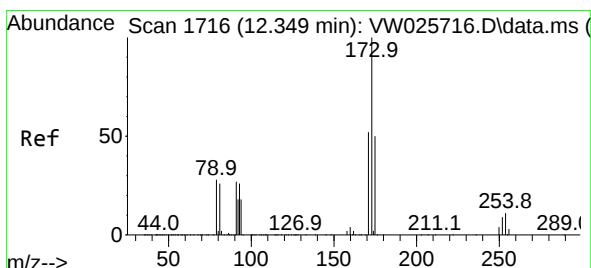
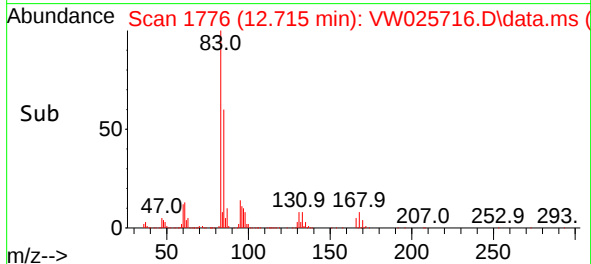
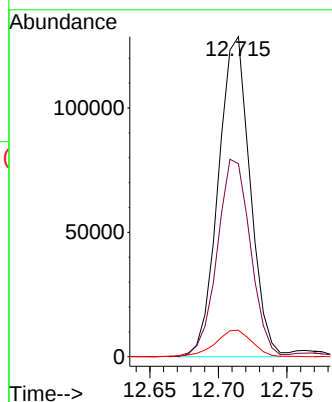
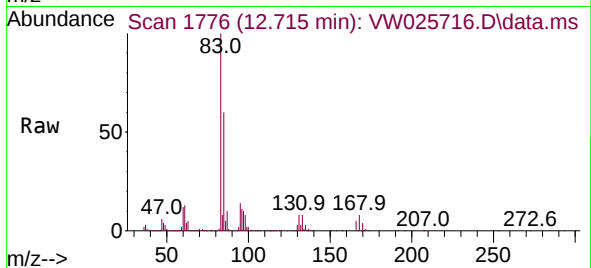
Tgt Ion: 83 Resp: 207460

Ion Ratio Lower Upper

83 100

85 60.3 42.2 78.4

131 8.2 6.6 9.8



#59

Bromoform

Concen: 22.643 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

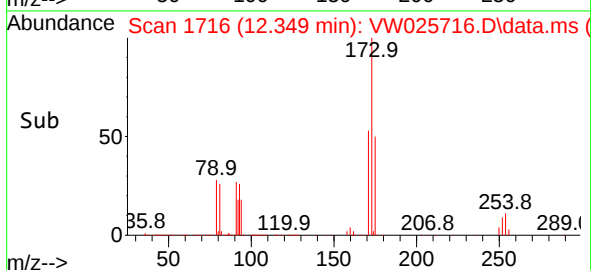
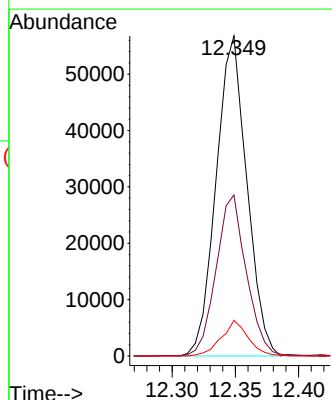
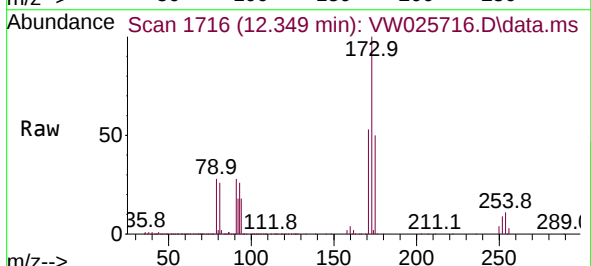
Tgt Ion: 173 Resp: 95834

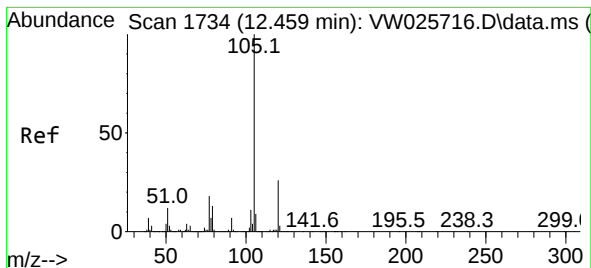
Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 23.886 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

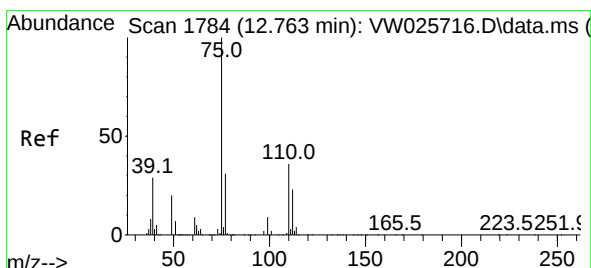
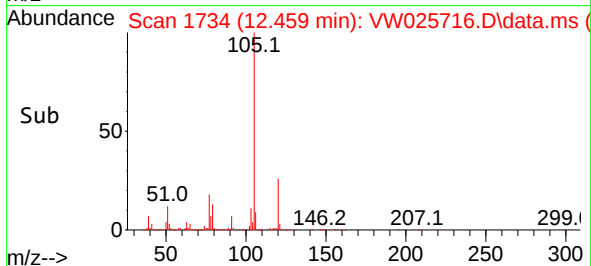
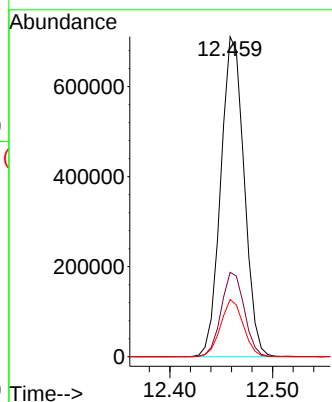
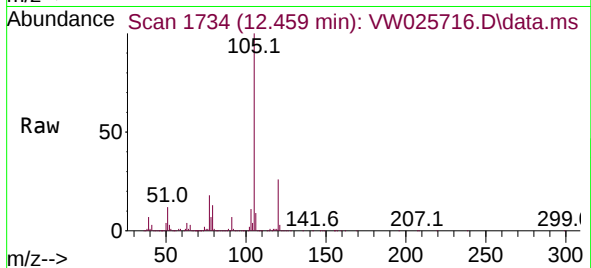
Tgt Ion:105 Resp: 1120580

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 17.2 13.8 20.6



#61

1,2,3-Trichloropropane

Concen: 22.855 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

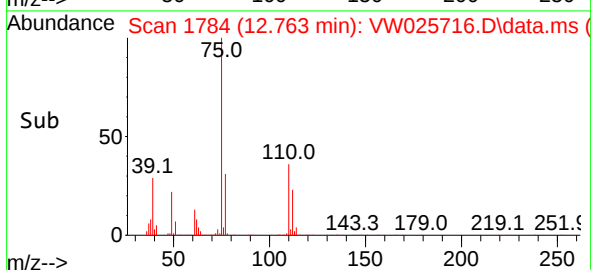
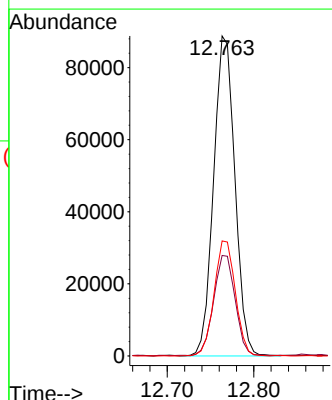
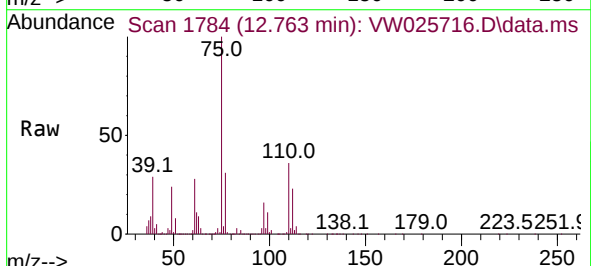
Tgt Ion: 75 Resp: 151831

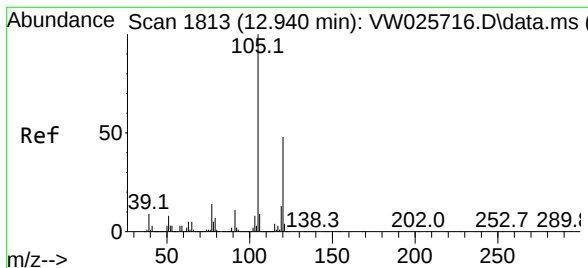
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

110 35.9 28.7 43.1

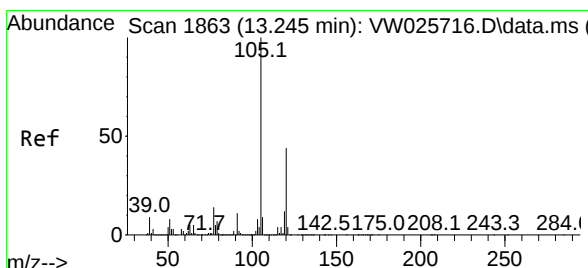
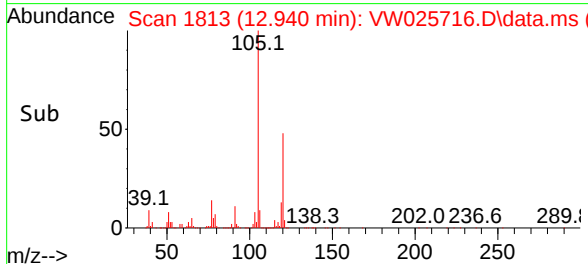
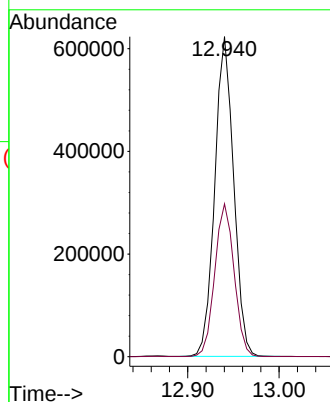
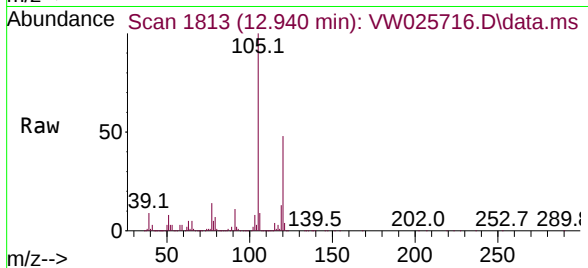




#62
1,3,5-Trimethylbenzene
Concen: 24.262 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

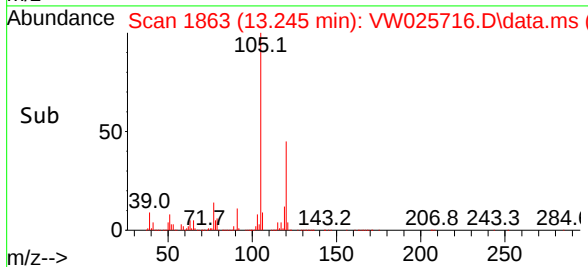
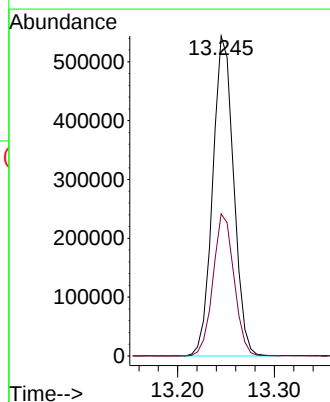
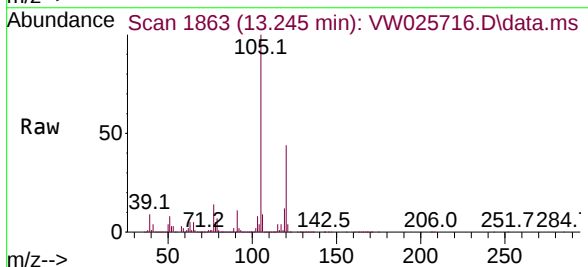
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

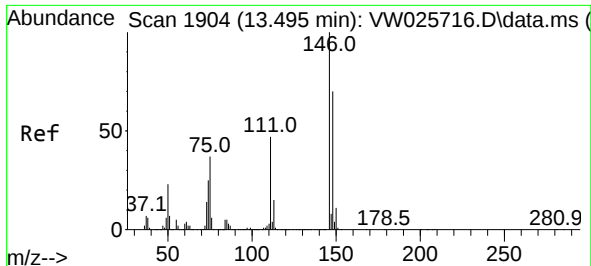
Tgt Ion:105 Resp: 894959
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.525 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:105 Resp: 817169
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

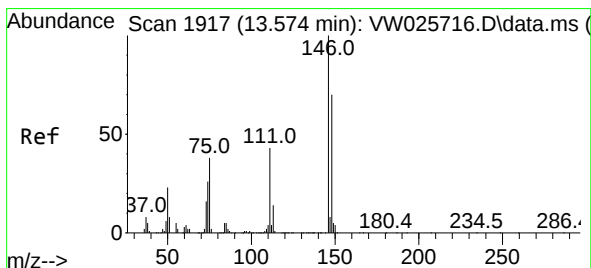
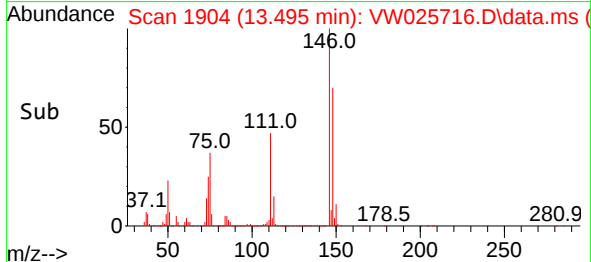
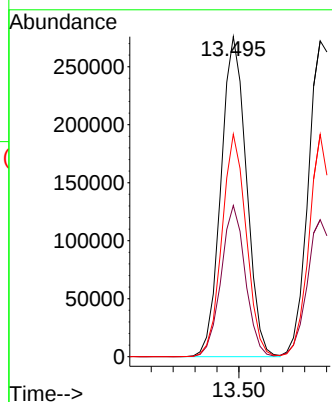
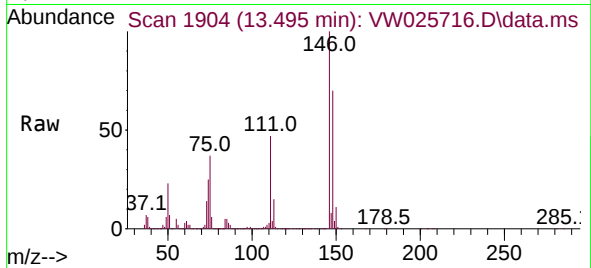




#64
1,3-Dichlorobenzene
Concen: 22.477 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

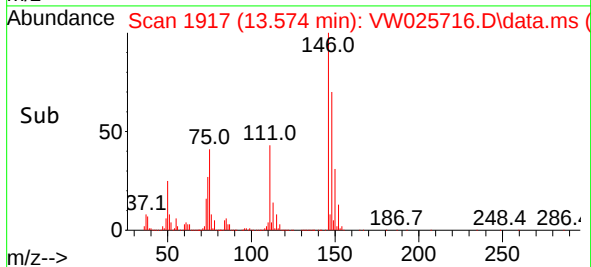
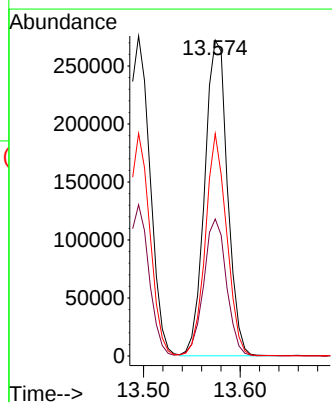
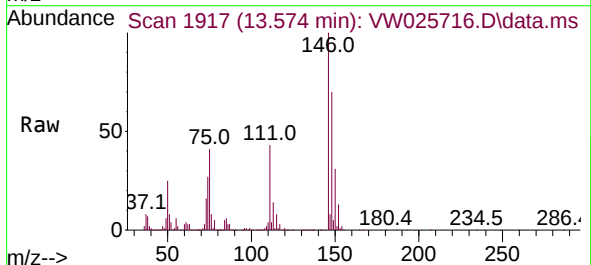
Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

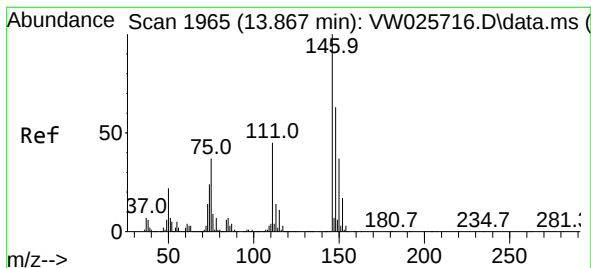
Tgt Ion:146 Resp: 445018
Ion Ratio Lower Upper
146 100
111 47.2 33.0 61.4
148 69.5 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 22.242 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025716.D
Acq: 27 Apr 2023 08:46

Tgt Ion:146 Resp: 446484
Ion Ratio Lower Upper
146 100
111 43.4 30.4 56.4
148 70.4 49.3 91.5





#67

1,2-Dichlorobenzene

Concen: 23.258 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

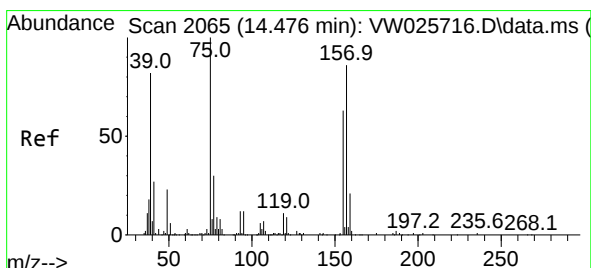
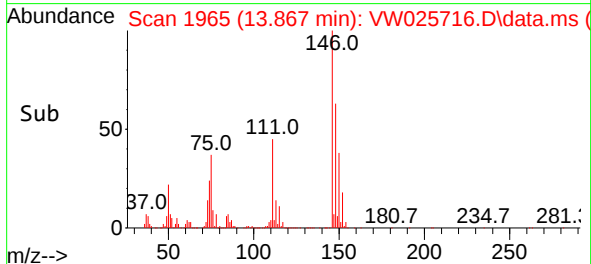
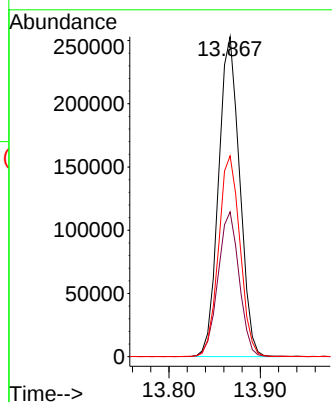
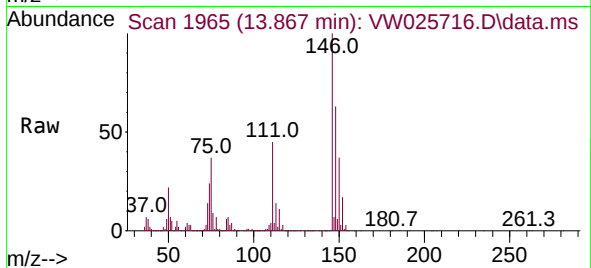
Tgt Ion:146 Resp: 406255

Ion Ratio Lower Upper

146 100

111 45.2 36.2 54.2

148 62.8 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.464 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

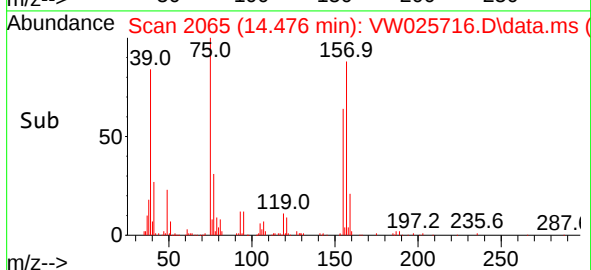
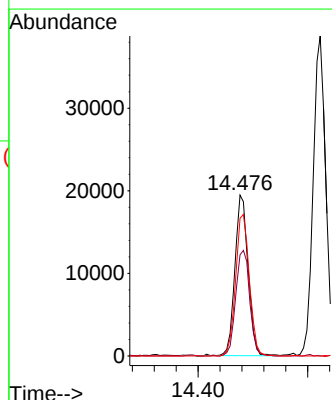
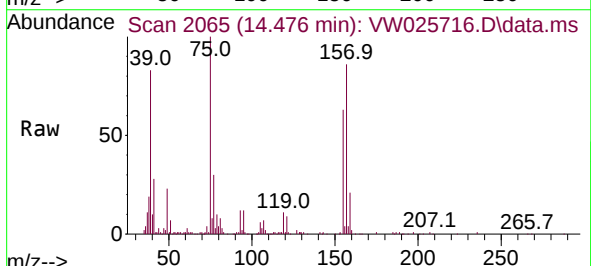
Tgt Ion: 75 Resp: 32499

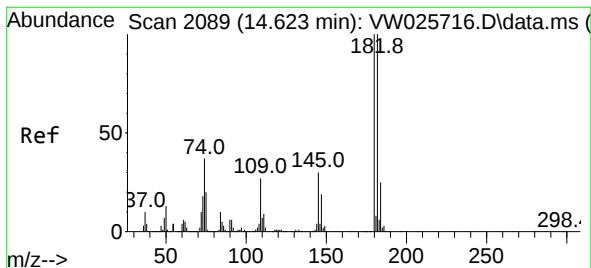
Ion Ratio Lower Upper

75 100

155 62.9 50.3 75.5

157 85.5 68.4 102.6





#69

1,3,5-Trichlorobenzene

Concen: 22.505 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

Tgt Ion:180 Resp: 289884

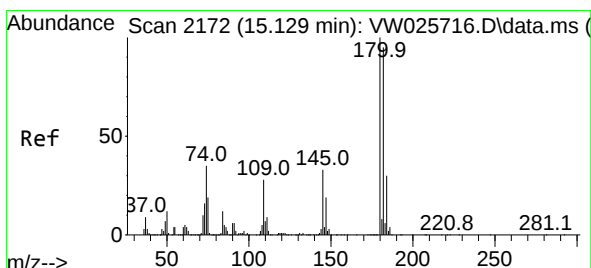
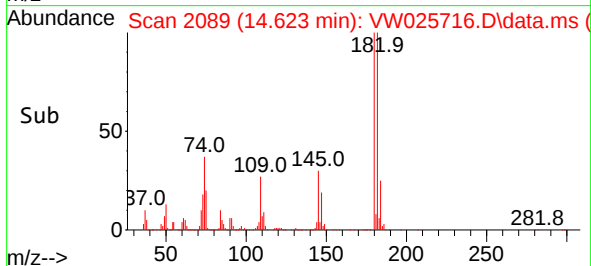
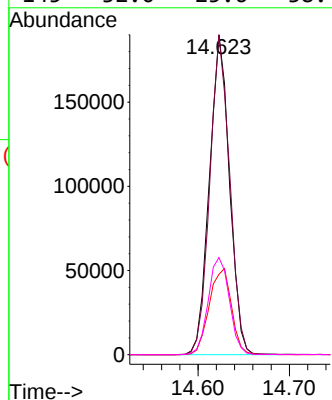
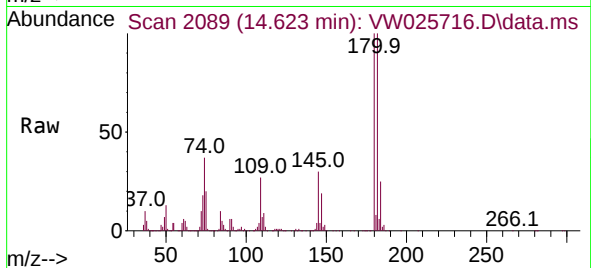
Ion Ratio Lower Upper

180 100

182 98.7 79.0 118.4

184 29.8 23.8 35.8

145 32.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 22.277 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

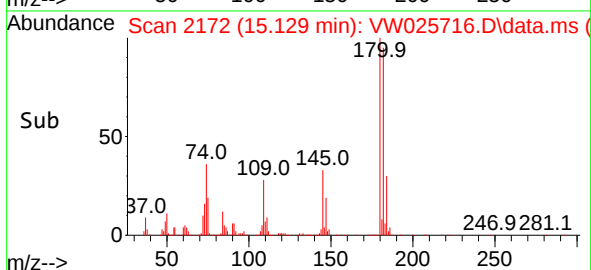
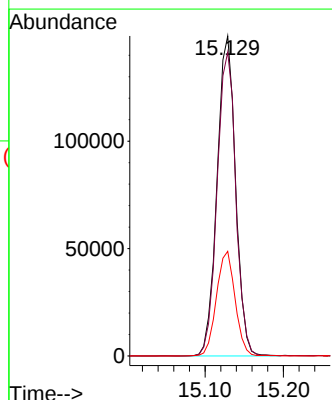
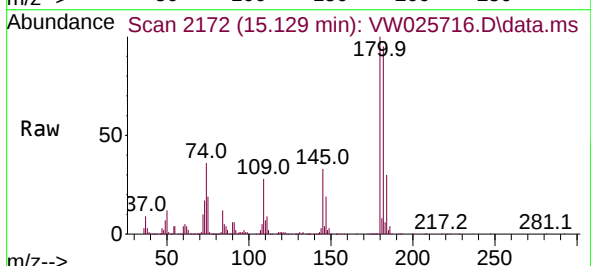
Tgt Ion:180 Resp: 245011

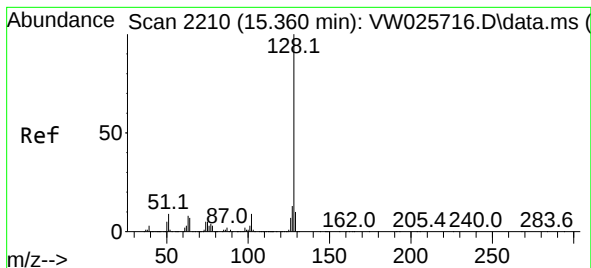
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 33.0 26.4 39.6





#71

Naphthalene

Concen: 22.982 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025445

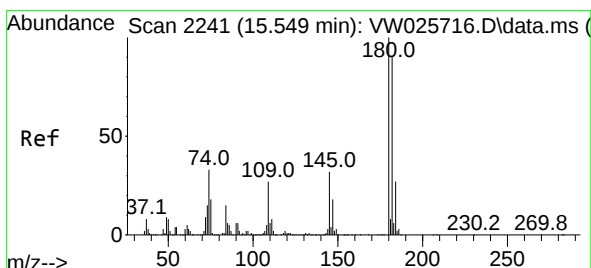
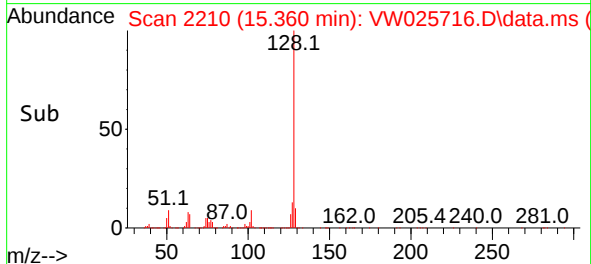
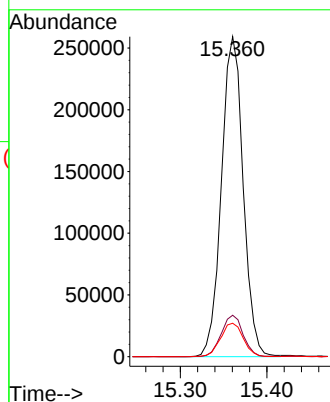
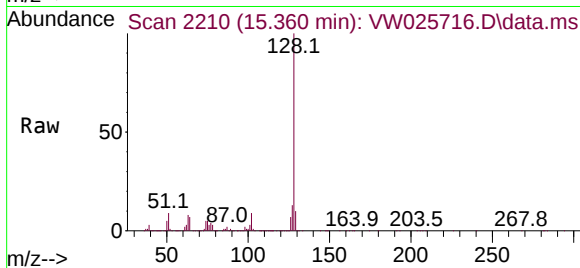
Tgt Ion:128 Resp: 451468

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.215 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025716.D

Acq: 27 Apr 2023 08:46

Tgt Ion:180 Resp: 215663

Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 34.2 27.4 41.0

