

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026363.D
 Acq On : 27 Jun 2023 18:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Jun 28 01:24:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 01:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	768255	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	694154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323087	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	255062	22.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
7) Chloroethane-d5	2.893	69	210365	26.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.040%
11) 1,1-Dichloroethene-d2	4.021	65	115930	22.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.760%
21) 2-Butanone-d5	7.075	46	146925	41.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.780%
24) Chloroform-d	7.648	84	490649	22.538	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	8.307	65	289150	23.638	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.276	84	974425	22.679	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.270	67	307647	22.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.319	98	855334	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.575	79	124627	22.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.920%
47) 2-Hexanone-d5	10.922	63	95546	44.560	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235432	21.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	261715	23.265	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	163870	17.745	ug/L	# 85
3) Chloromethane	2.229	50	287690	21.544	ug/L	100
5) Vinyl chloride	2.375	62	295029	21.249	ug/L	98
6) Bromomethane	2.783	94	183775	24.115	ug/L	97
8) Chloroethane	2.930	64	192553	25.864	ug/L	99
9) Trichlorofluoromethane	3.265	101	200443	20.467	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	220253	20.775	ug/L	98
12) 1,1-Dichloroethene	4.045	96	212859	21.428	ug/L	90
13) Acetone	4.125	43	99931	35.593	ug/L	97
14) Carbon disulfide	4.393	76	724884	20.651	ug/L	99
15) Methyl Acetate	4.667	43	133364	20.721	ug/L	99
16) Methylene chloride	4.917	84	252385	19.413	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	242411	22.202	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	429209	25.134	ug/L	97
19) 1,1-Dichloroethane	6.216	63	507062	22.175	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	265240	22.480	ug/L	97
22) 2-Butanone	7.173	43	171680	39.964	ug/L	98
23) Bromochloromethane	7.514	128	110375	21.810	ug/L	96
25) Chloroform	7.679	83	477999	22.556	ug/L	98

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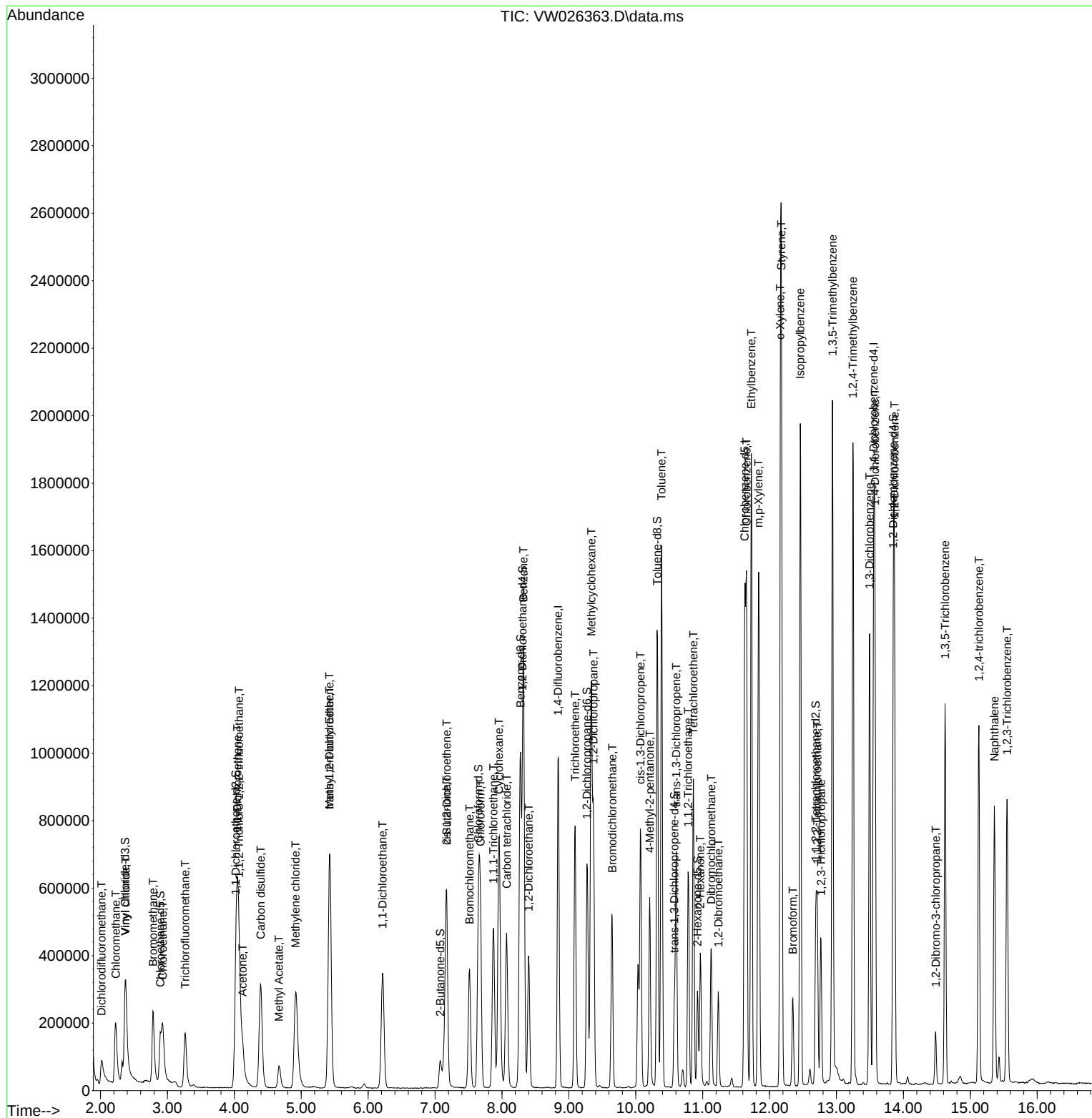
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	360578	23.665	ug/L	97
29) Cyclohexane	7.953	56	449622	22.431	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	382719	22.791	ug/L	99
31) Carbon tetrachloride	8.069	117	337521	22.359	ug/L	97
33) Benzene	8.319	78	1044411	22.274	ug/L	100
34) Trichloroethene	9.093	95	268050	22.328	ug/L	98
35) Methylcyclohexane	9.337	83	465191	22.596	ug/L	99
37) 1,2-Dichloropropane	9.368	63	283585	21.647	ug/L	99
38) Bromodichloromethane	9.648	83	337701	22.448	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	421662	22.466	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	390308	46.159	ug/L	99
42) Toluene	10.386	91	1090866	23.191	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	357477	22.564	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	191835	21.871	ug/L	97
46) Tetrachloroethene	10.861	164	180095	21.293	ug/L	99
48) 2-Hexanone	10.965	43	261523	43.834	ug/L	98
49) Dibromochloromethane	11.130	129	204666	22.788	ug/L	99
50) 1,2-Dibromoethane	11.233	107	182040	22.606	ug/L	96
51) Chlorobenzene	11.654	112	685679	22.854	ug/L	97
52) Ethylbenzene	11.727	91	1261889	23.808	ug/L	100
53) m,p-Xylene	11.837	106	457444	23.665	ug/L	93
54) o-Xylene	12.160	106	436135	23.963	ug/L	94
55) Styrene	12.178	104	762419	24.018	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	237622	21.673	ug/L	96
59) Bromoform	12.349	173	111921	22.899	ug/L	99
60) Isopropylbenzene	12.459	105	1225133	25.230	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	177814	22.641	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	996784	26.481	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	987351	27.196	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	486645	23.398	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	476399	22.888	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	442576	23.892	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	40907	22.599	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	306641	22.944	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	304354	27.827	ug/L	96
71) Naphthalene	15.360	128	662492	30.132	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	270484	26.488	ug/L	96

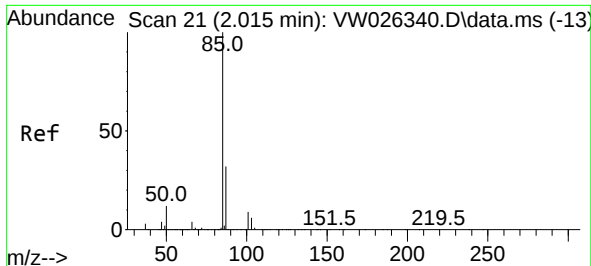
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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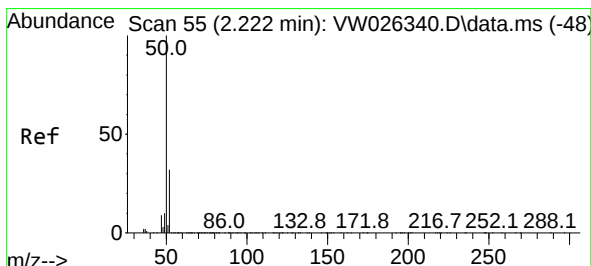
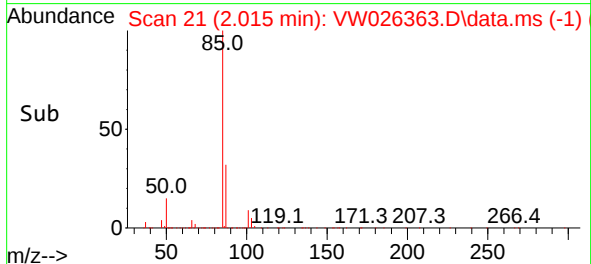
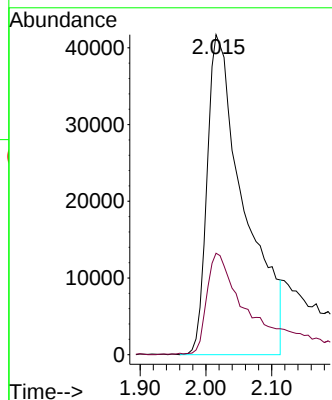
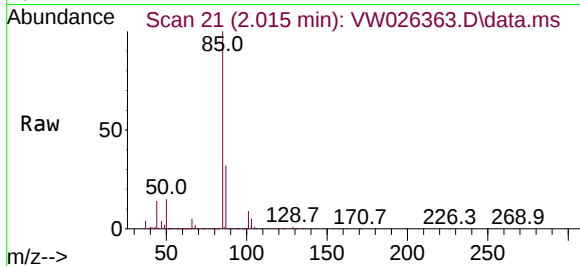




#2
 Dichlorodifluoromethane
 Concen: 17.745 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

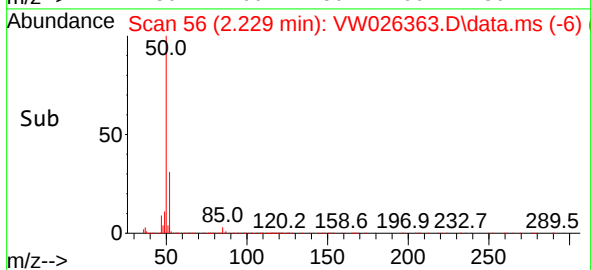
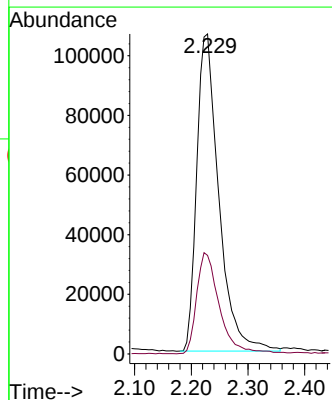
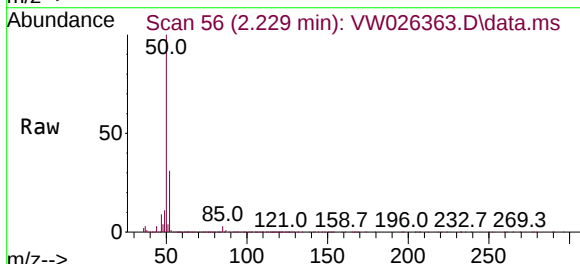
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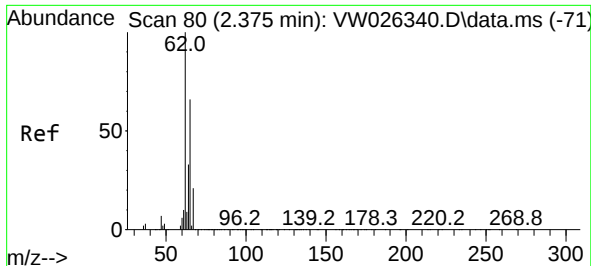
Tgt Ion: 85 Resp: 163870
 Ion Ratio Lower Upper
 85 100
 87 23.3 25.2 37.8#



#3
 Chloromethane
 Concen: 21.544 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

Tgt Ion: 50 Resp: 287690
 Ion Ratio Lower Upper
 50 100
 52 30.8 21.4 39.8

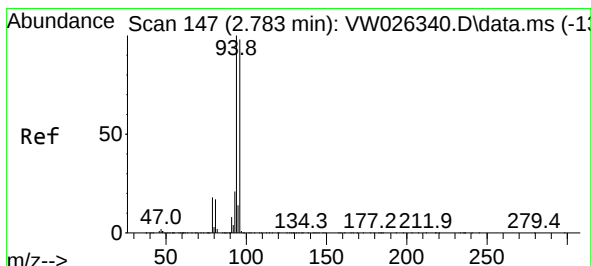
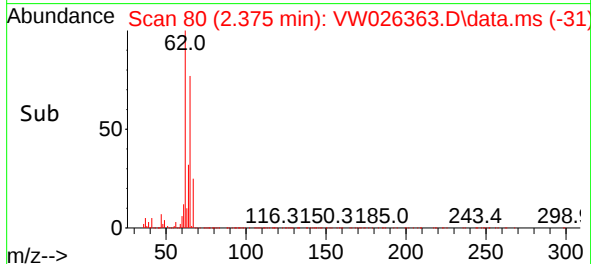
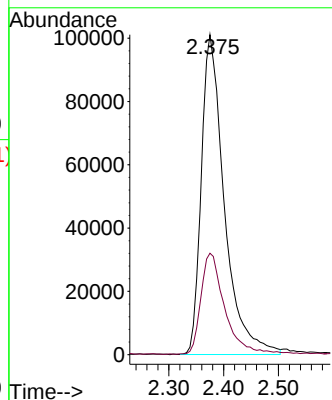
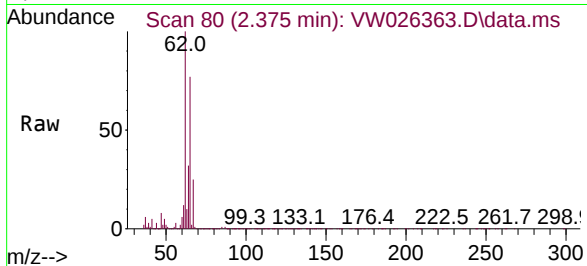




#5
 Vinyl chloride
 Concen: 21.249 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

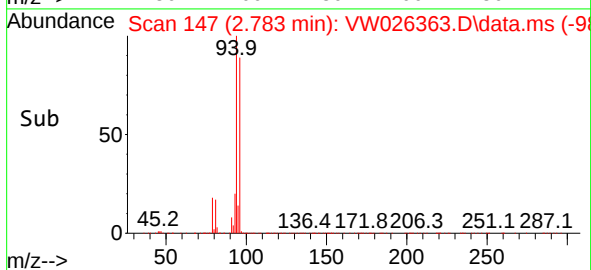
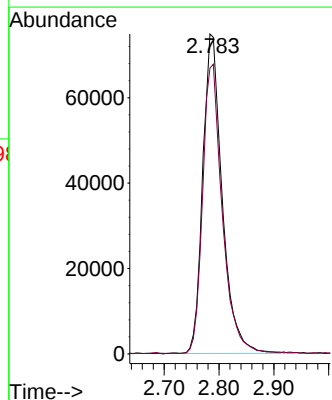
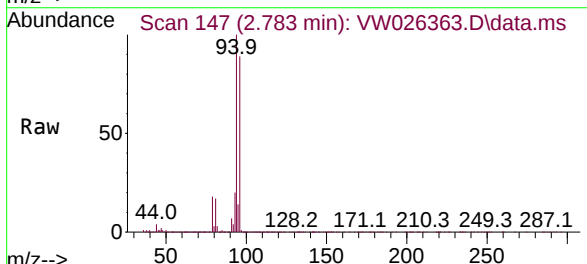
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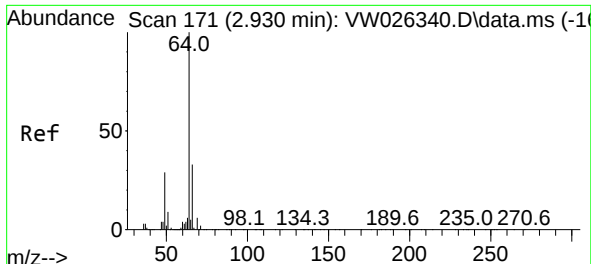
Tgt Ion: 62 Resp: 295029
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.0 42.8



#6
 Bromomethane
 Concen: 24.115 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

Tgt Ion: 94 Resp: 183775
 Ion Ratio Lower Upper
 94 100
 96 89.3 64.6 120.0

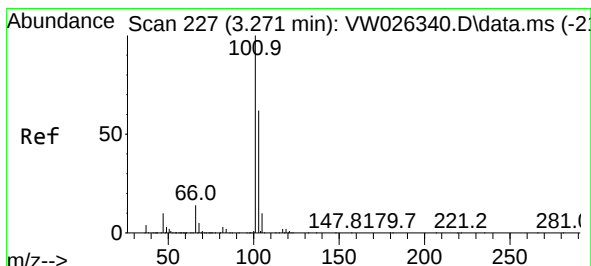
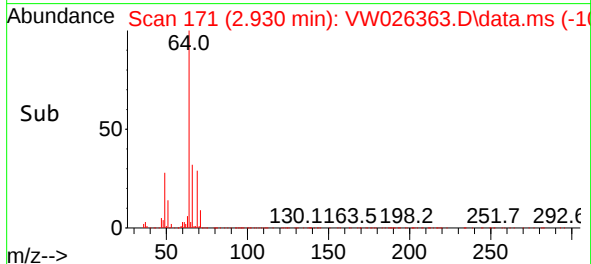
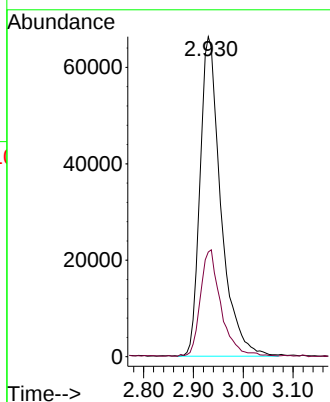
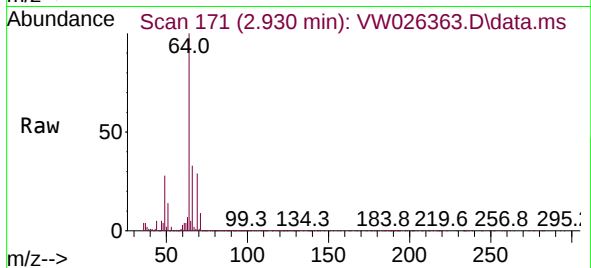




#8
Chloroethane
Concen: 25.864 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

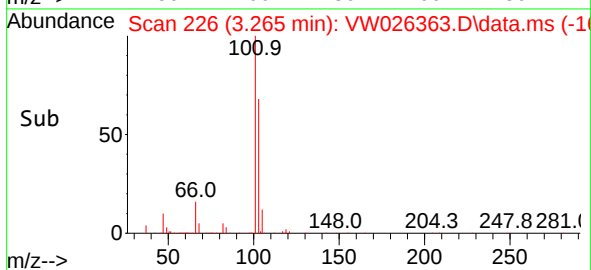
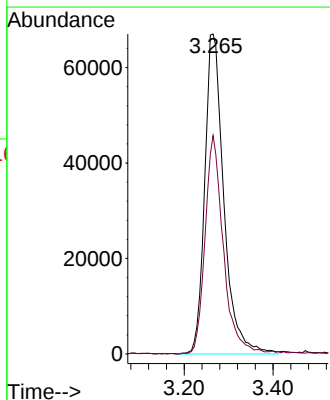
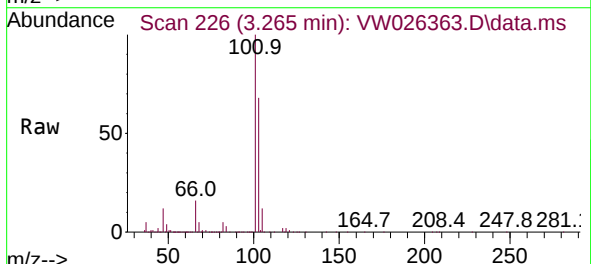
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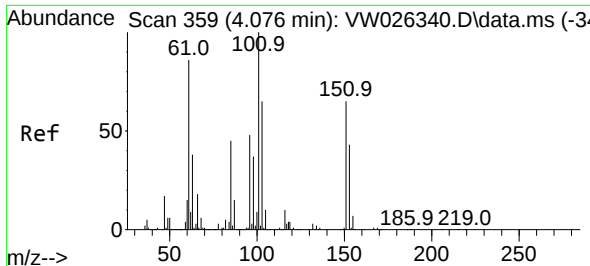
Tgt Ion: 64 Resp: 192553
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 20.467 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 101 Resp: 200443
Ion Ratio Lower Upper
101 100
103 64.3 52.9 79.3

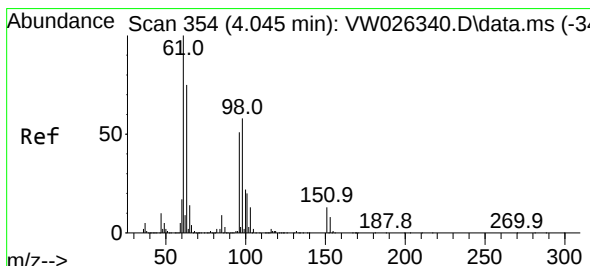
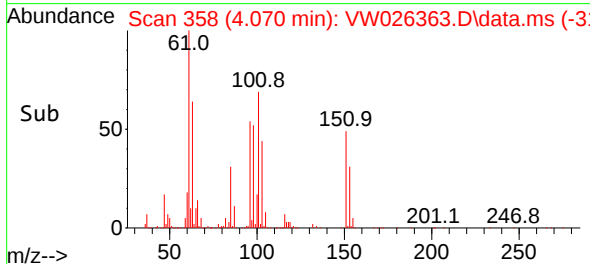
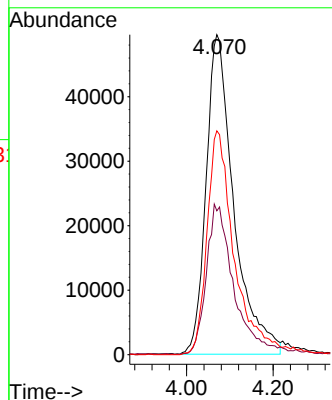
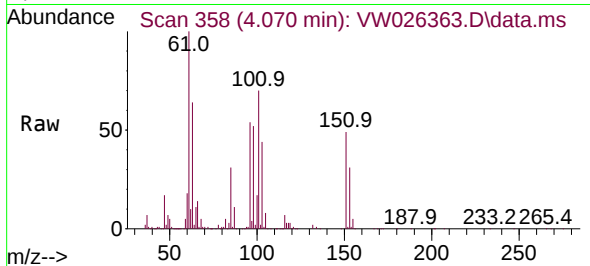




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.775 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026363.D
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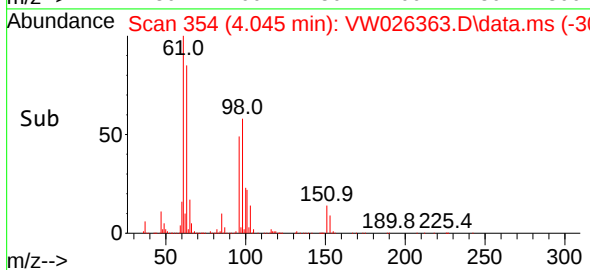
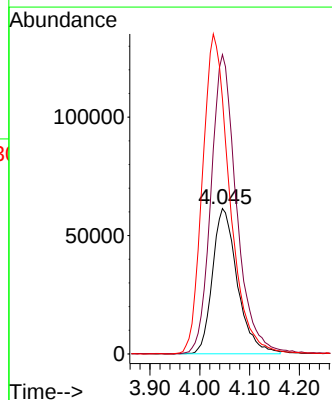
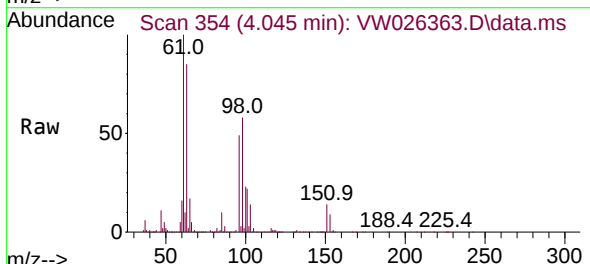
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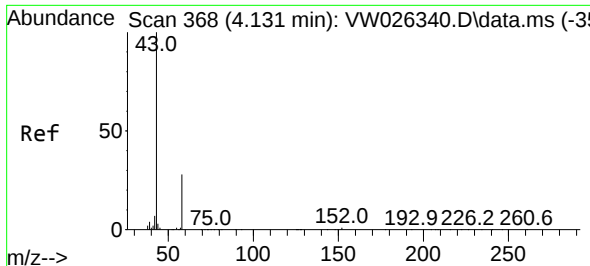
Tgt Ion:101 Resp: 220253
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.4 53.0
 151 68.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 21.428 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

Tgt Ion: 96 Resp: 212859
 Ion Ratio Lower Upper
 96 100
 61 205.7 134.3 249.3
 63 175.3 112.3 208.5

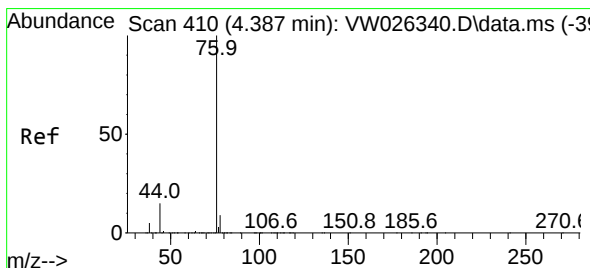
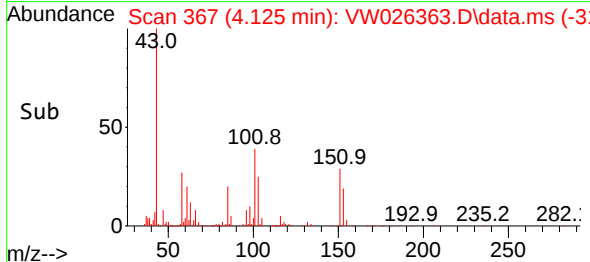
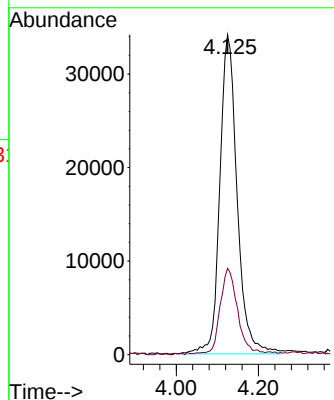
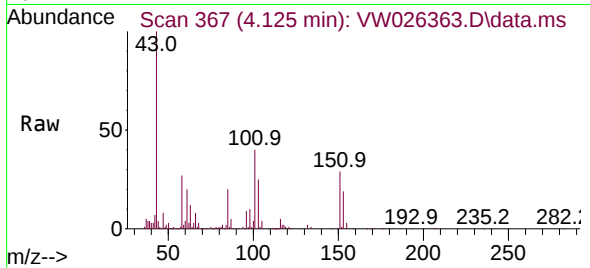




#13
Acetone
Concen: 35.593 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026363.D
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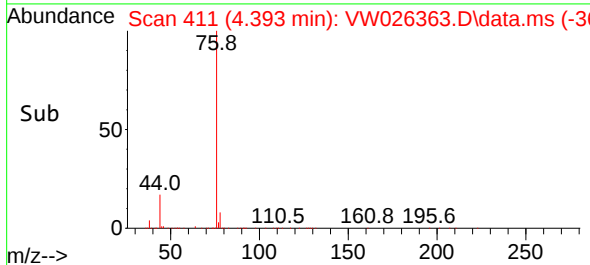
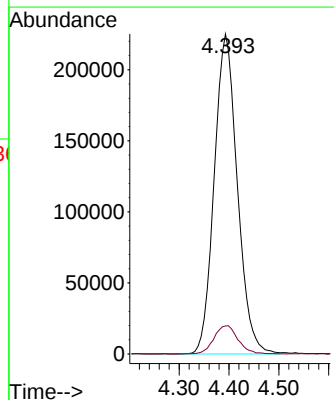
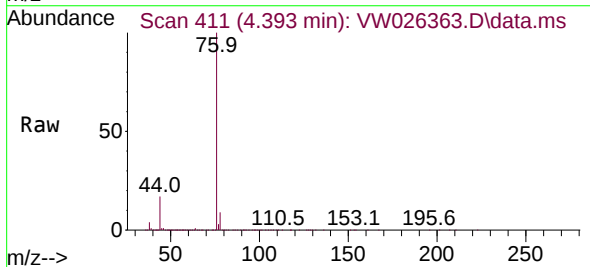
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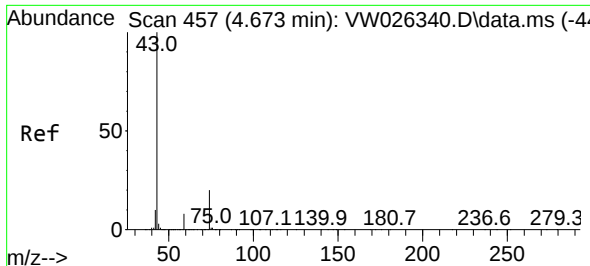
Tgt Ion: 43 Resp: 99931
Ion Ratio Lower Upper
43 100
58 26.4 0.0 55.8



#14
Carbon disulfide
Concen: 20.651 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 724884
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

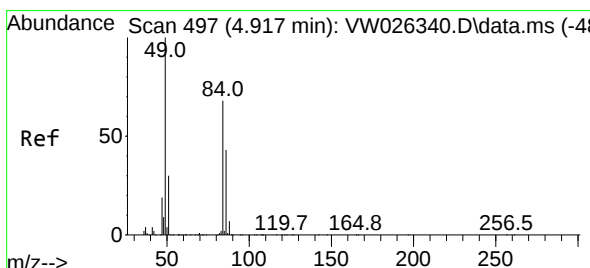
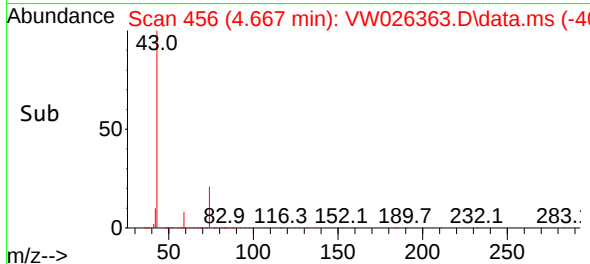
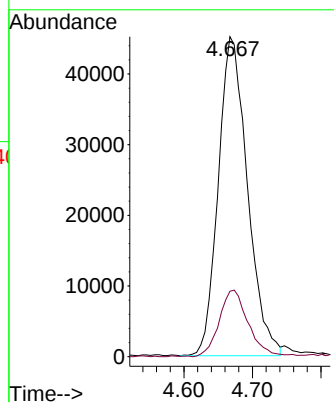
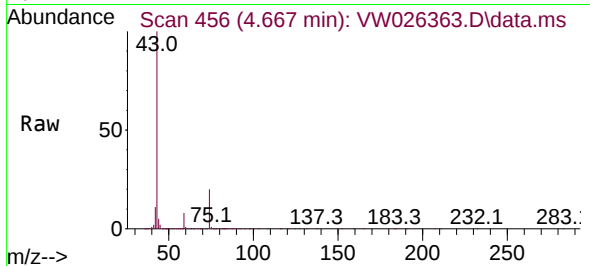




#15
Methyl Acetate
Concen: 20.721 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

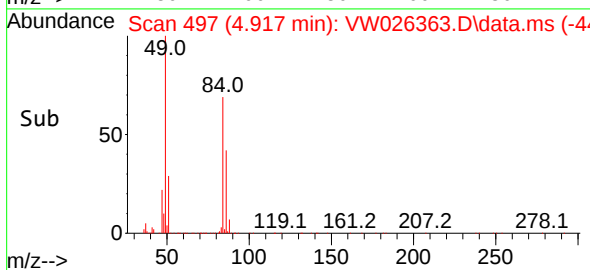
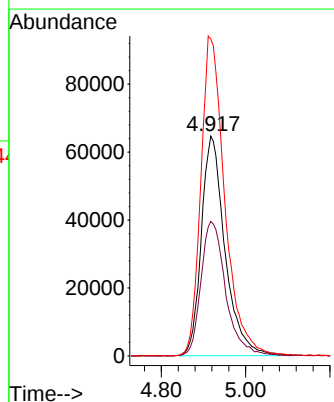
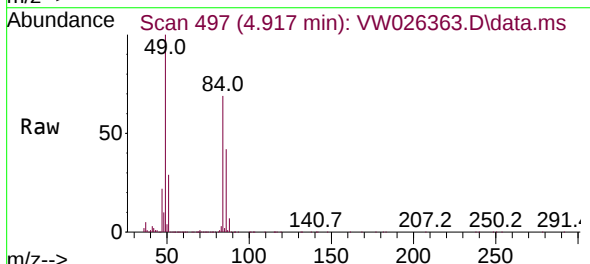
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

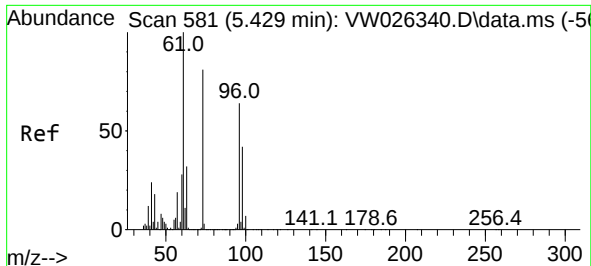
Tgt Ion: 43 Resp: 133364
Ion Ratio Lower Upper
43 100
74 20.7 16.3 24.5



#16
Methylene chloride
Concen: 19.413 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 84 Resp: 252385
Ion Ratio Lower Upper
84 100
86 61.2 43.9 81.5
49 144.1 100.4 186.4

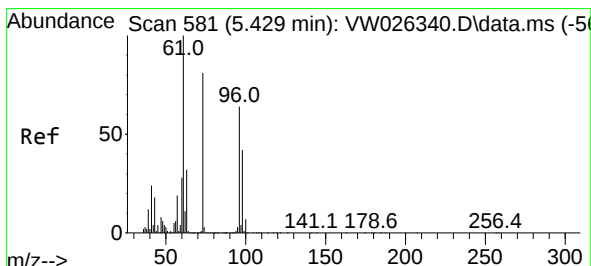
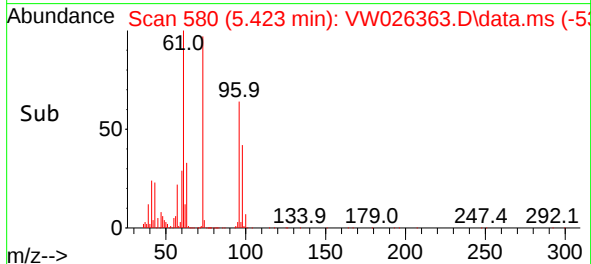
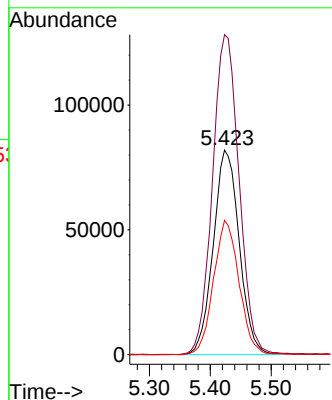
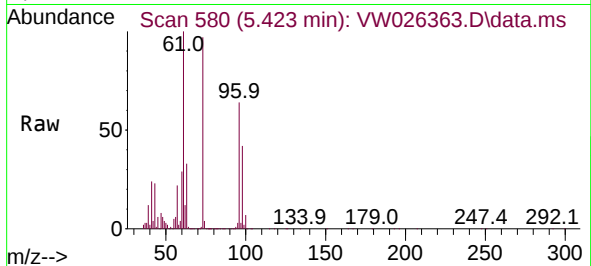




#17
trans-1,2-Dichloroethene
Concen: 22.202 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

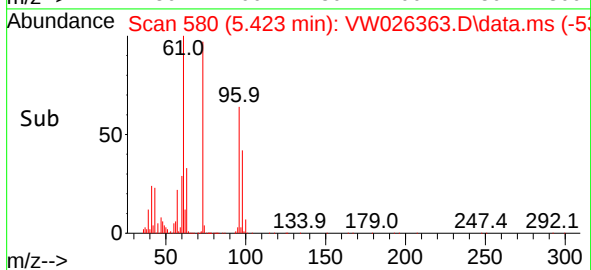
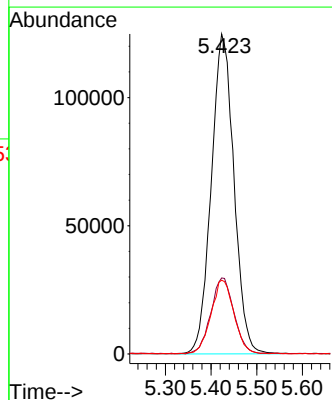
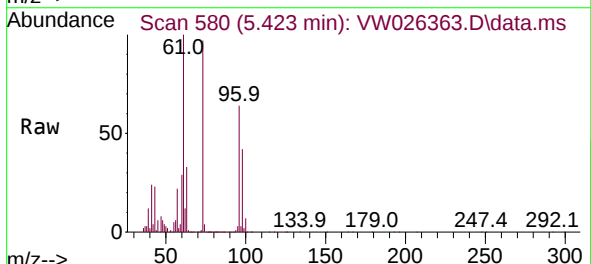
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

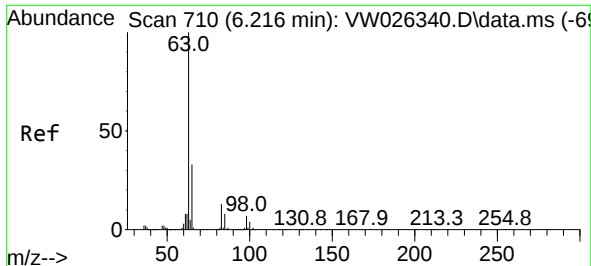
Tgt Ion: 96 Resp: 242411
Ion Ratio Lower Upper
96 100
61 156.3 106.1 197.1
98 65.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 25.134 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 73 Resp: 429209
Ion Ratio Lower Upper
73 100
43 24.2 18.1 27.1
57 23.1 19.5 29.3





#19

1,1-Dichloroethane

Concen: 22.175 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

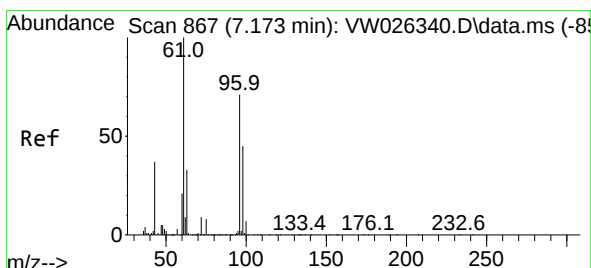
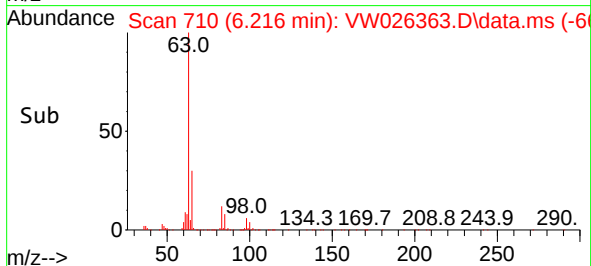
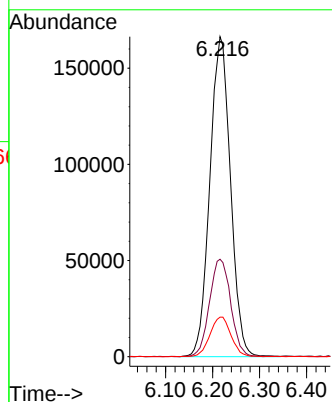
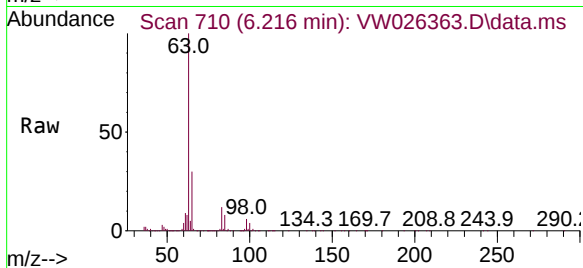
Tgt Ion: 63 Resp: 507062

Ion Ratio Lower Upper

63 100

65 30.4 22.8 42.4

83 12.3 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 22.480 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

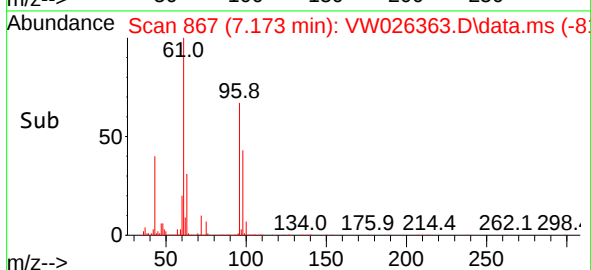
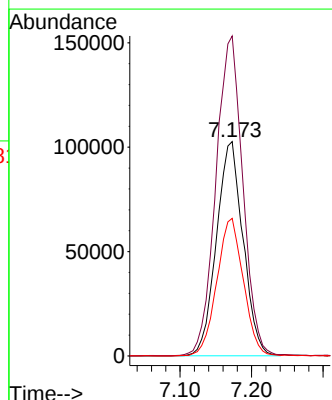
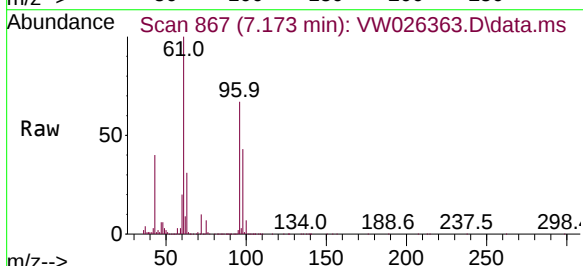
Tgt Ion: 96 Resp: 265240

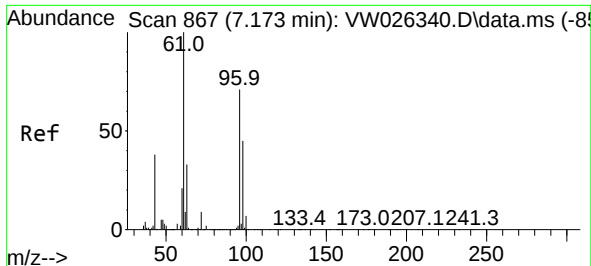
Ion Ratio Lower Upper

96 100

61 149.2 100.8 187.2

98 64.2 45.7 84.9

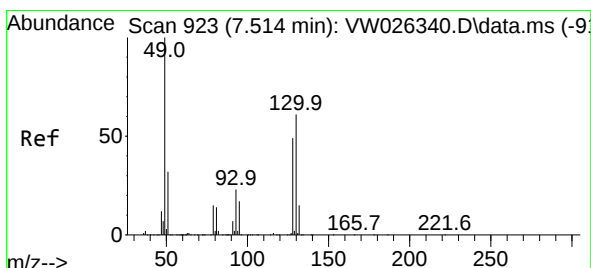
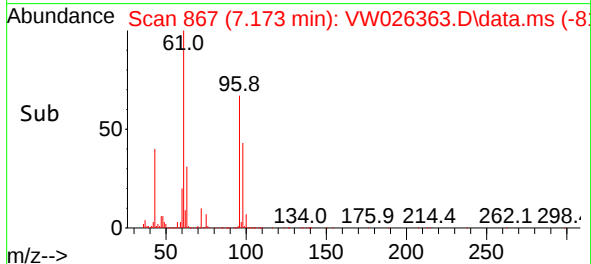
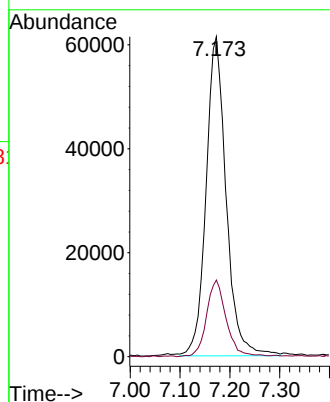
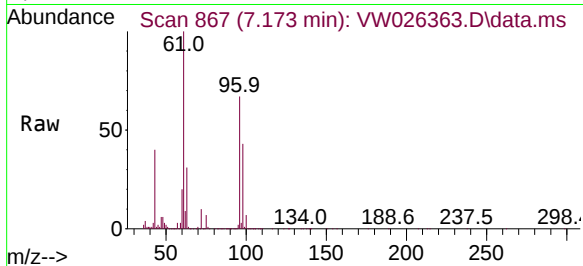




#22
2-Butanone
Concen: 39.964 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

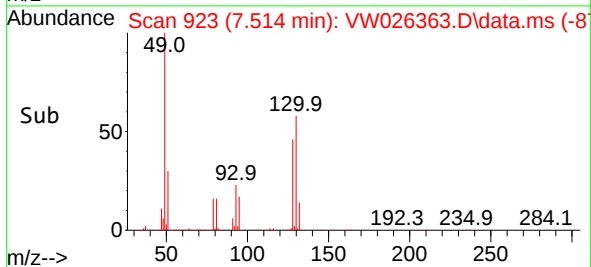
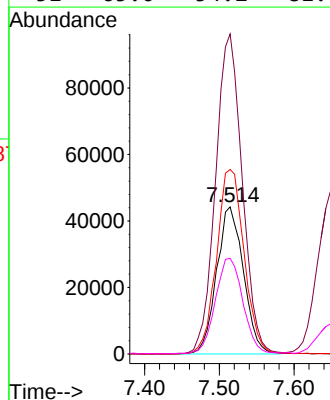
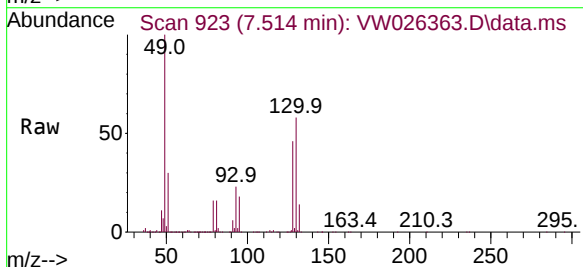
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

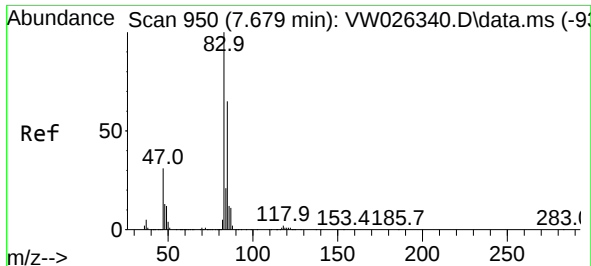
Tgt Ion: 43 Resp: 171680
Ion Ratio Lower Upper
43 100
72 22.3 11.8 35.3



#23
Bromochloromethane
Concen: 21.810 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 128 Resp: 110375
Ion Ratio Lower Upper
128 100
49 217.5 148.5 275.9
130 125.4 82.6 153.4
51 65.0 54.2 81.4

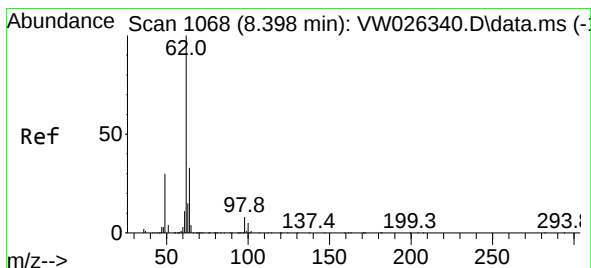
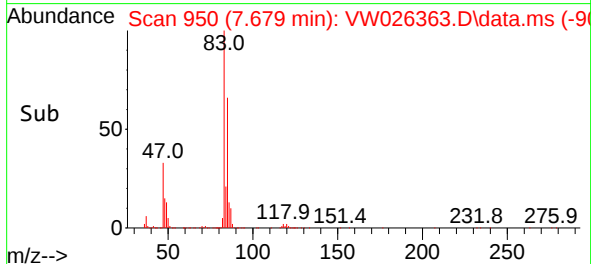
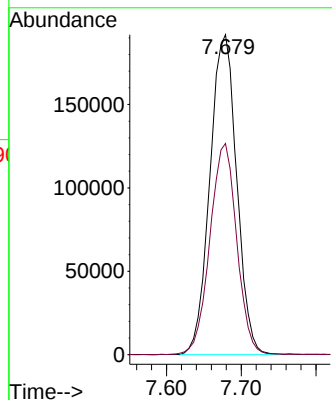
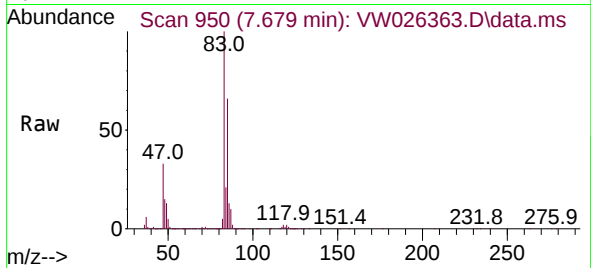




#25
Chloroform
Concen: 22.556 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

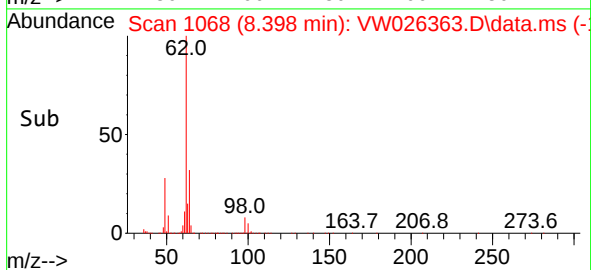
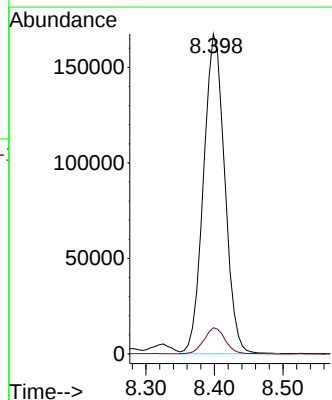
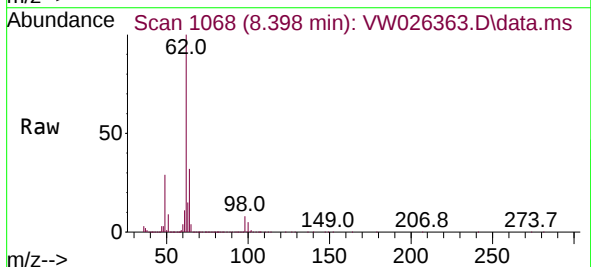
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

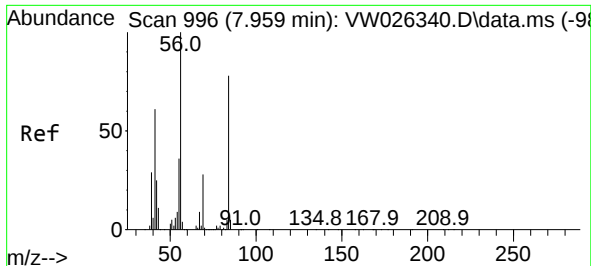
Tgt Ion: 83 Resp: 477999
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.665 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 62 Resp: 360578
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3

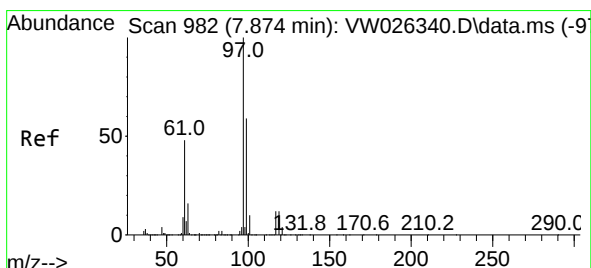
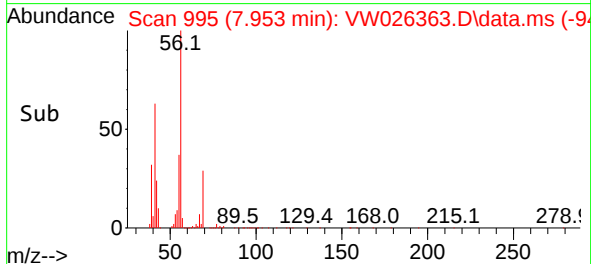
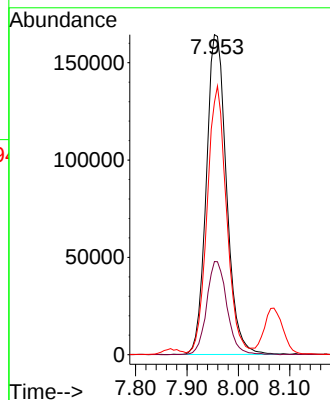
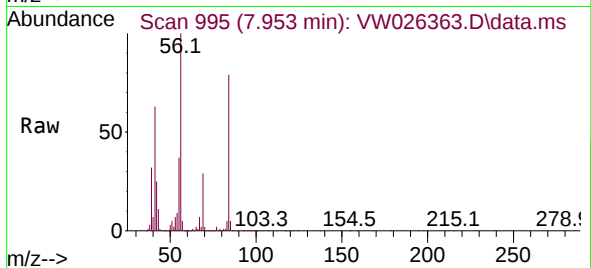




#29
Cyclohexane
Concen: 22.431 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

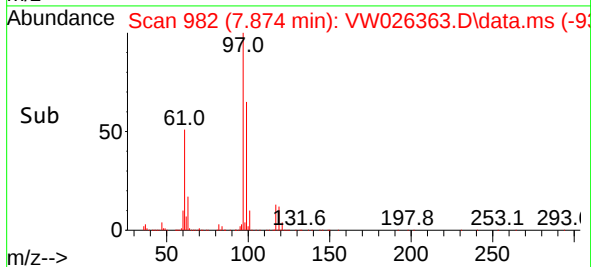
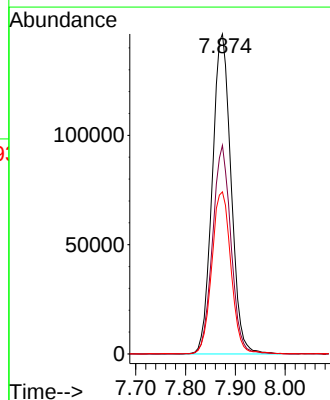
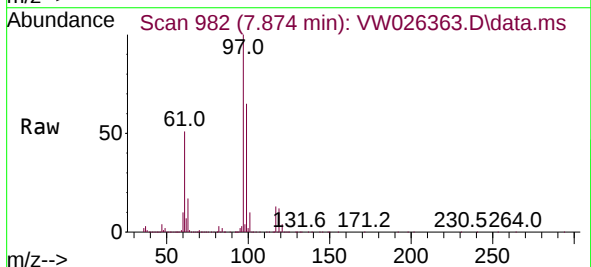
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

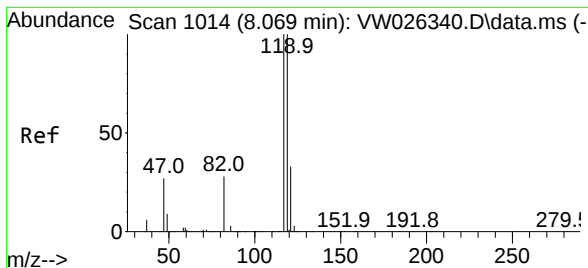
Tgt Ion: 56 Resp: 449622
Ion Ratio Lower Upper
56 100
69 28.9 23.0 34.4
84 80.6 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 22.791 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 97 Resp: 382719
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 51.2 41.4 62.2

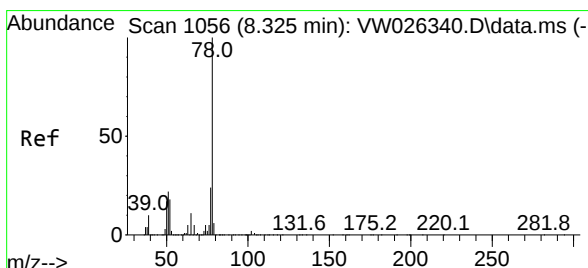
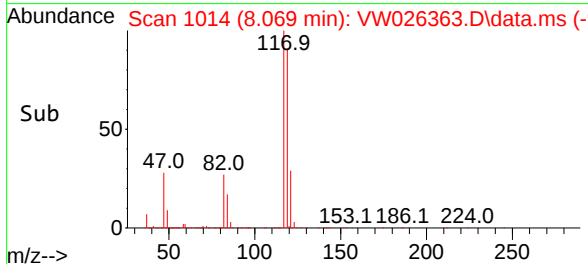
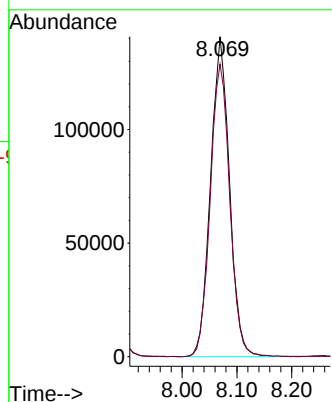
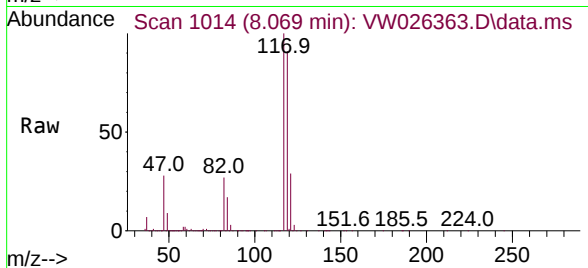




#31
Carbon tetrachloride
Concen: 22.359 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

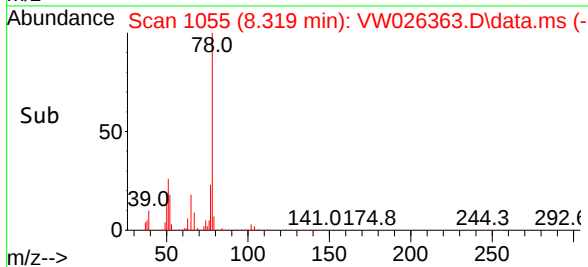
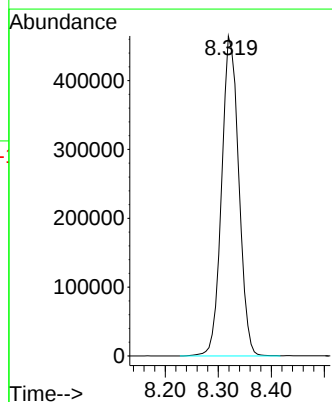
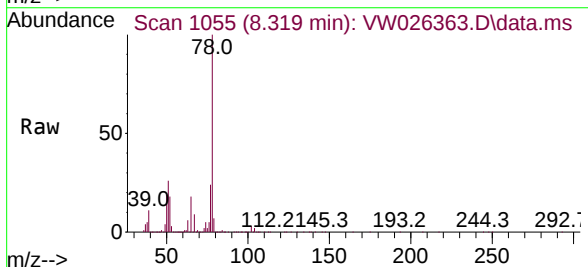
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

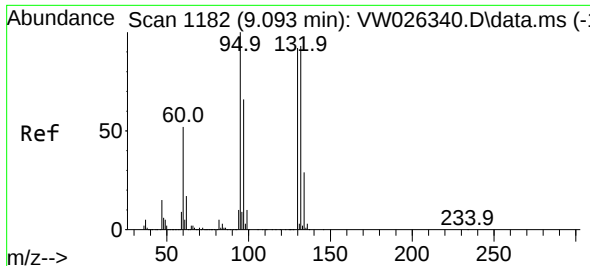
Tgt Ion:117 Resp: 337521
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5



#33
Benzene
Concen: 22.274 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 78 Resp: 1044411





#34

Trichloroethene

Concen: 22.328 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

Tgt Ion: 95 Resp: 268050

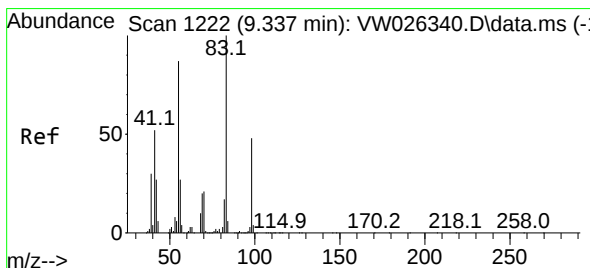
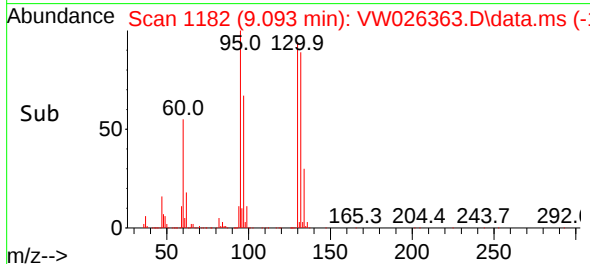
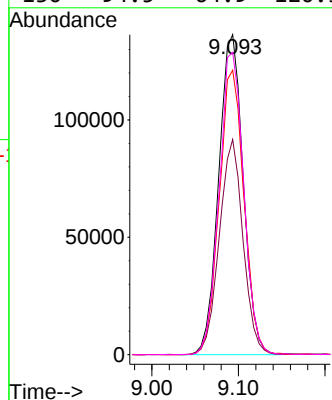
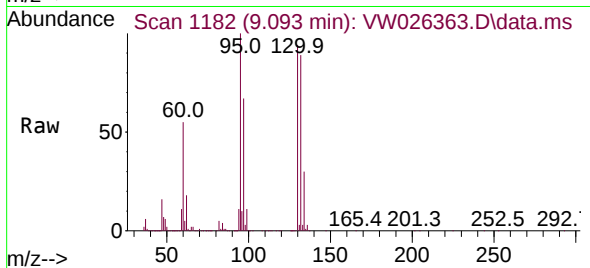
Ion Ratio Lower Upper

95 100

97 67.3 44.5 82.7

132 88.9 63.3 117.5

130 94.5 64.9 120.5



#35

Methylcyclohexane

Concen: 22.596 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

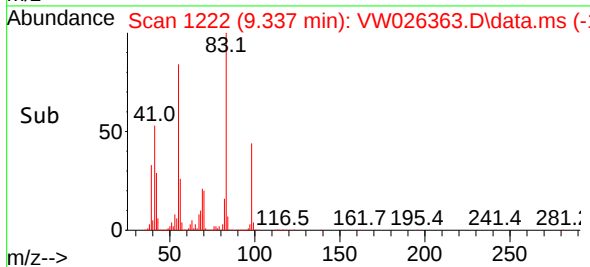
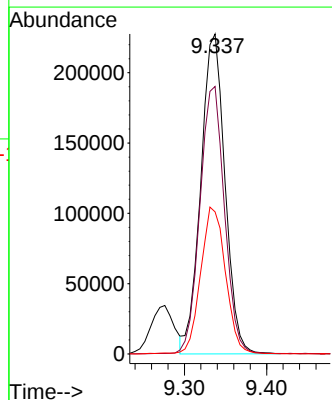
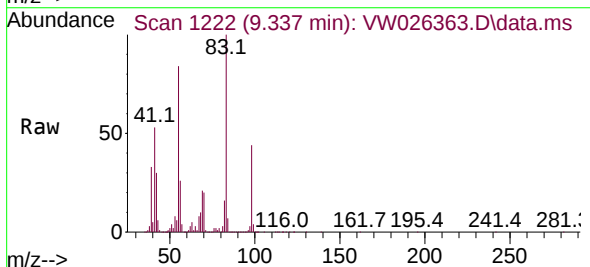
Tgt Ion: 83 Resp: 465191

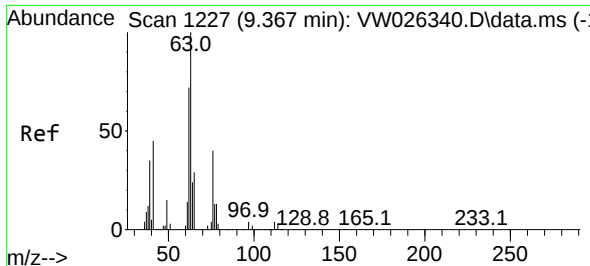
Ion Ratio Lower Upper

83 100

55 84.8 68.8 103.2

98 47.1 37.8 56.6





#37

1,2-Dichloropropane

Concen: 21.647 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

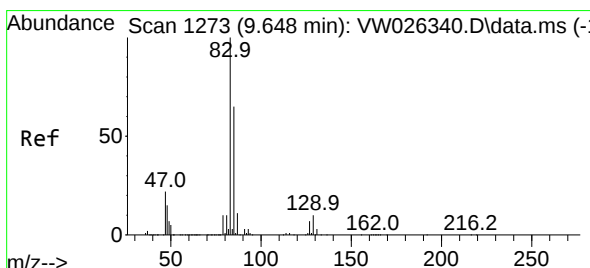
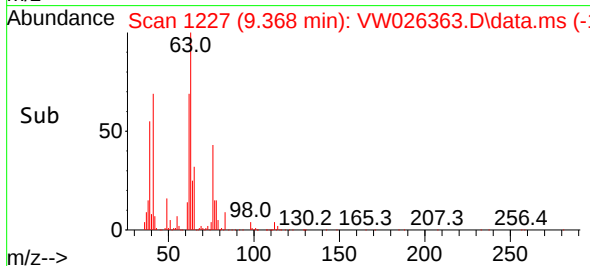
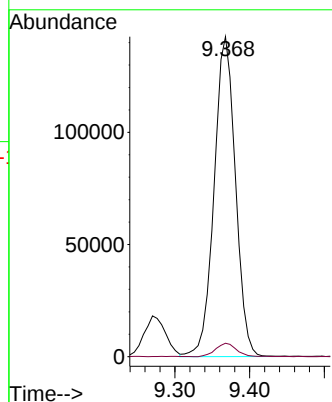
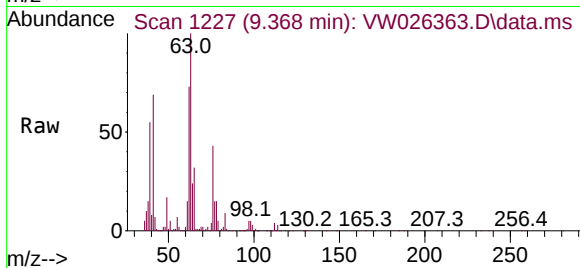
VSTD025537

Tgt Ion: 63 Resp: 283585

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 22.448 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

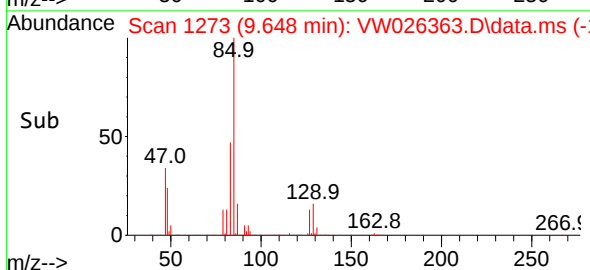
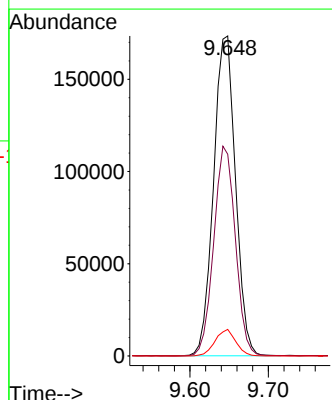
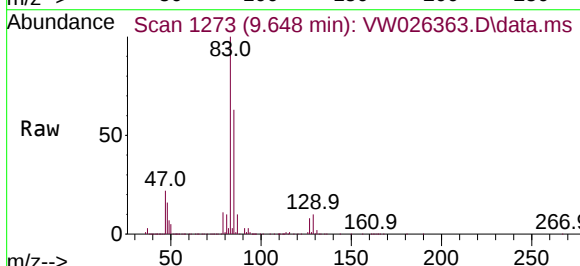
Tgt Ion: 83 Resp: 337701

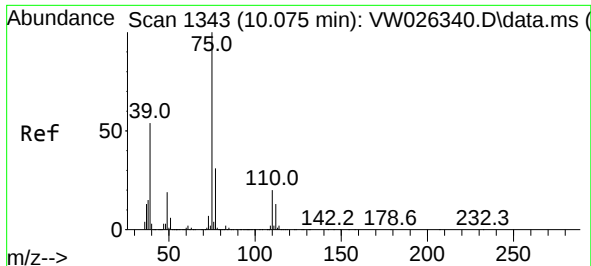
Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.5

127 8.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.466 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

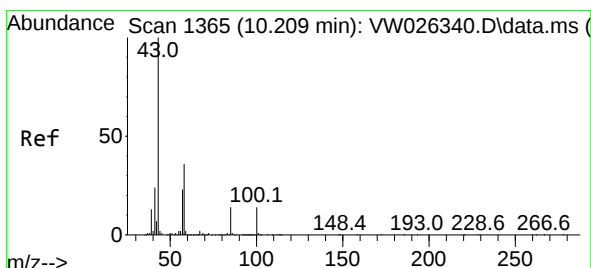
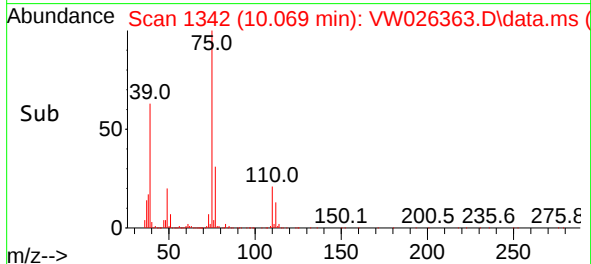
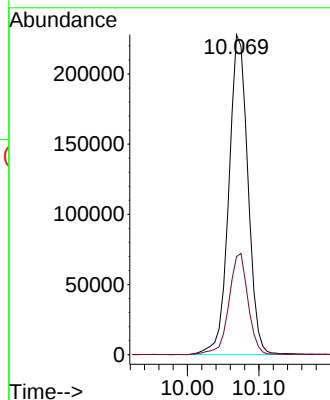
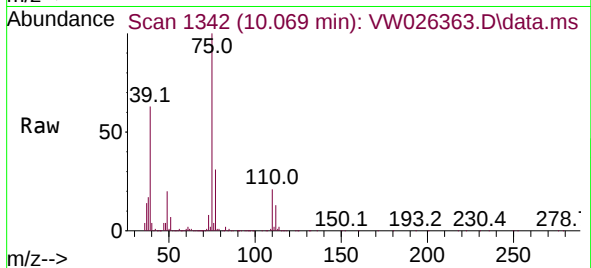
VSTD025537

Tgt Ion: 75 Resp: 421662

Ion Ratio Lower Upper

75 100

77 30.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 46.159 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

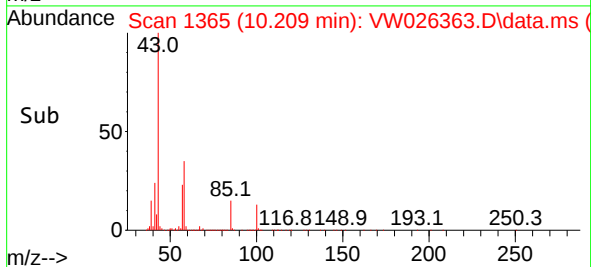
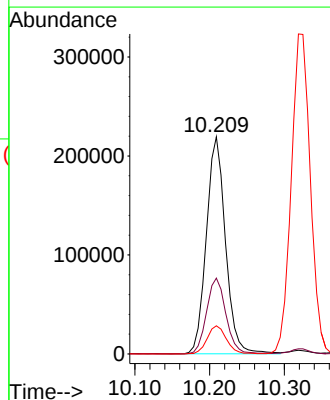
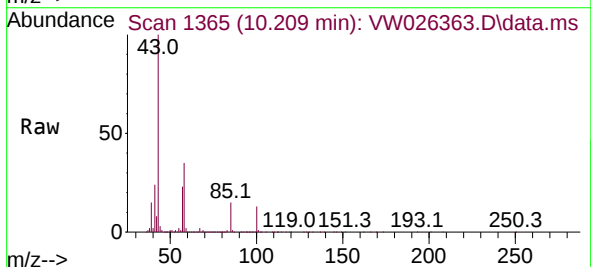
Tgt Ion: 43 Resp: 390308

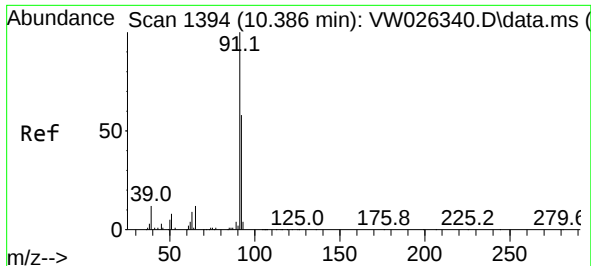
Ion Ratio Lower Upper

43 100

58 35.1 28.6 42.8

100 12.9 9.9 14.9

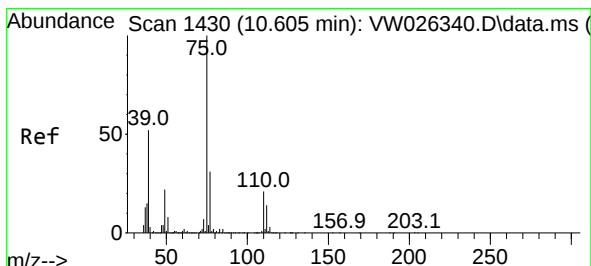
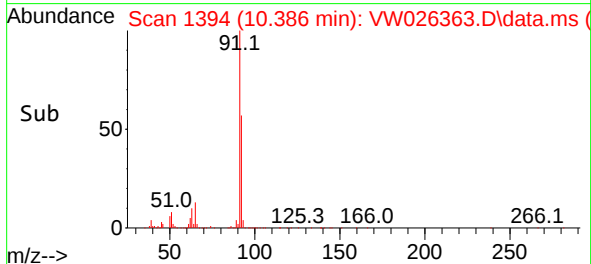
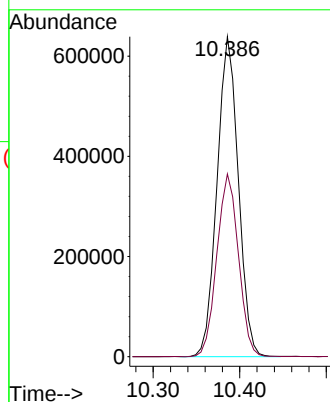
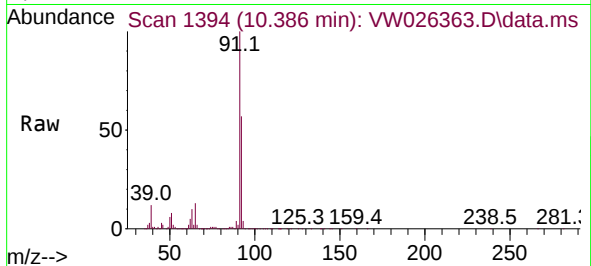




#42
Toluene
Concen: 23.191 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

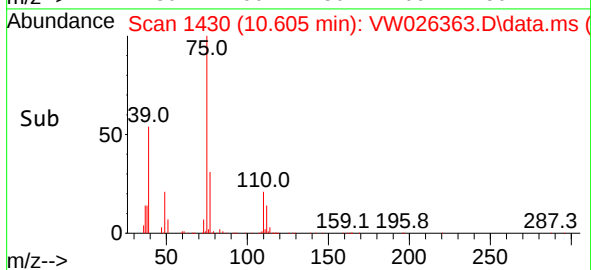
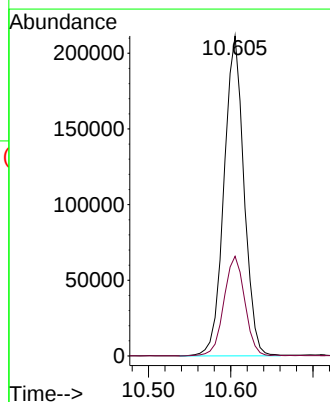
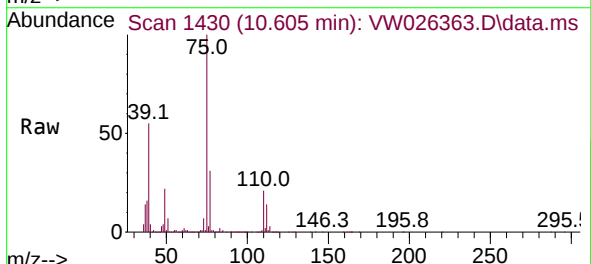
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

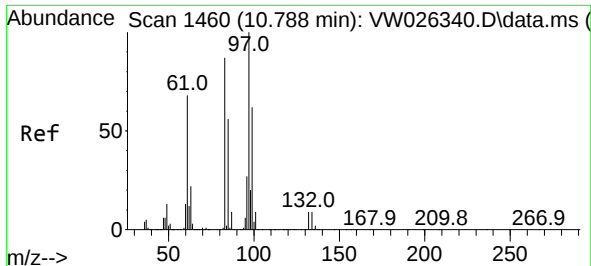
Tgt Ion: 91 Resp: 1090866
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 22.564 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 75 Resp: 357477
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2

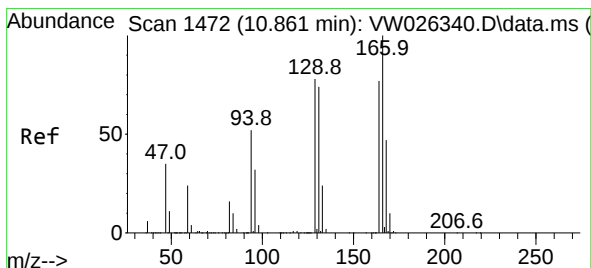
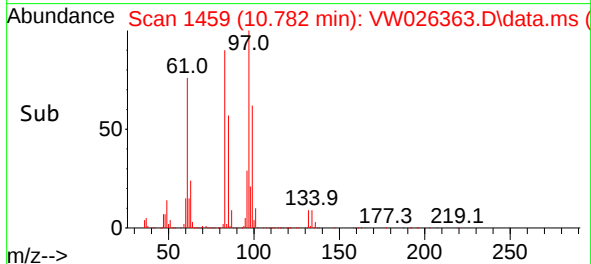
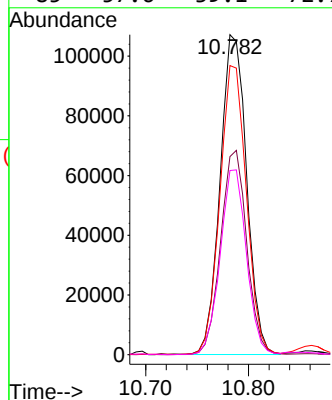
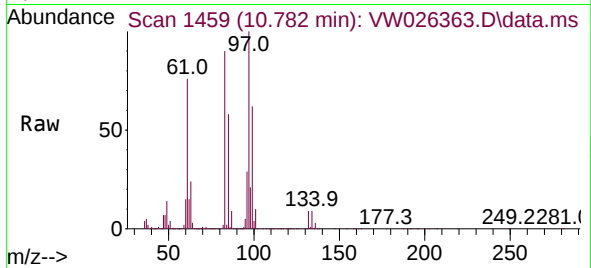




#45
1,1,2-Trichloroethane
Concen: 21.871 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

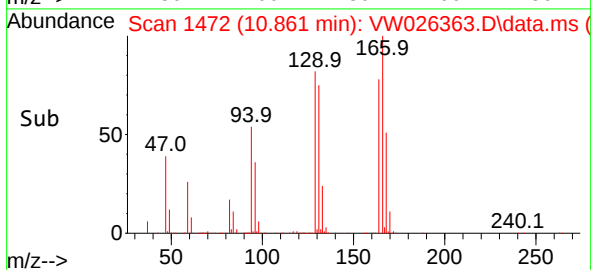
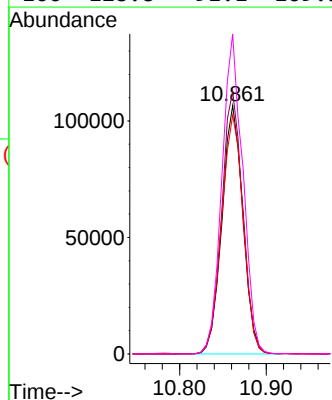
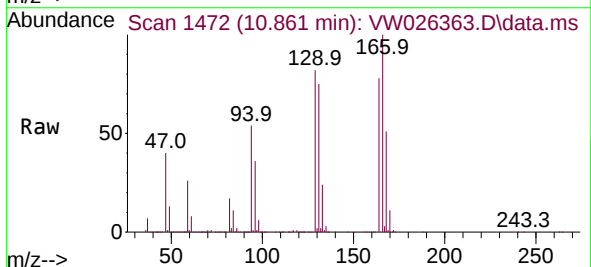
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

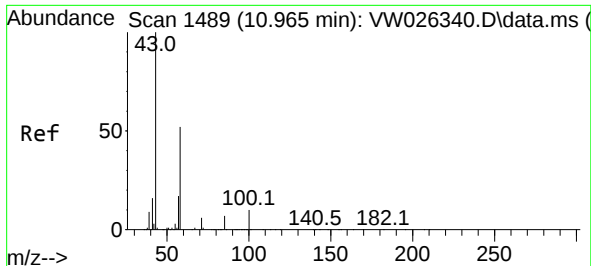
Tgt Ion: 97 Resp: 191835
Ion Ratio Lower Upper
97 100
99 61.9 42.4 78.6
83 90.3 60.8 113.0
85 57.6 39.1 72.7



#46
Tetrachloroethene
Concen: 21.293 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion:164 Resp: 180095
Ion Ratio Lower Upper
164 100
129 105.8 73.8 137.0
131 96.2 69.0 128.2
166 128.8 91.1 169.3

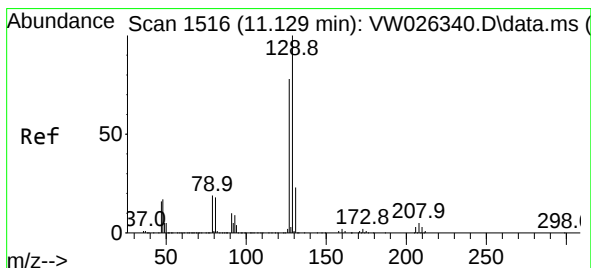
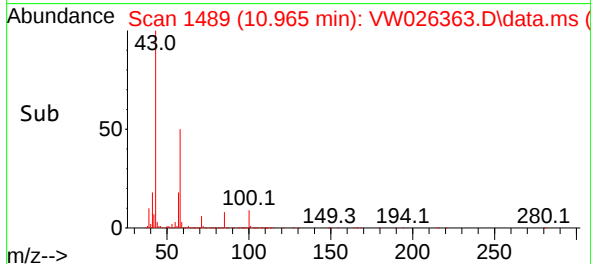
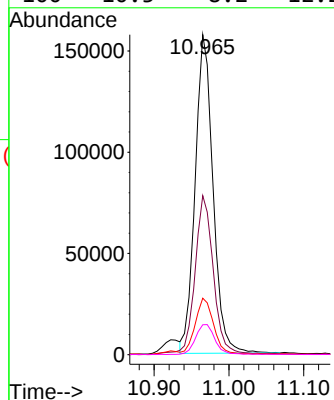
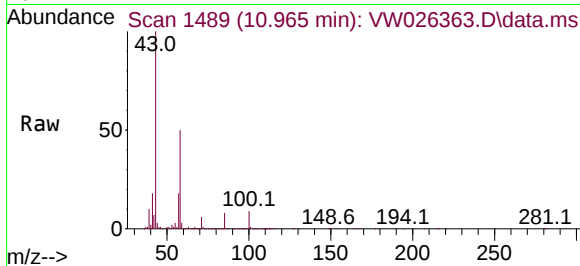




#48
2-Hexanone
Concen: 43.834 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

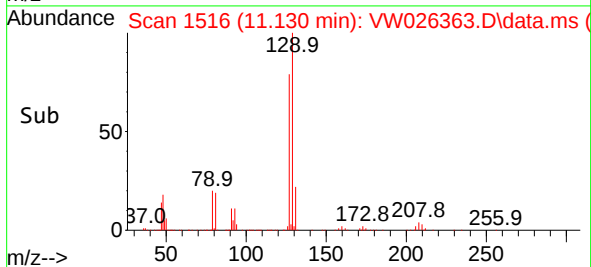
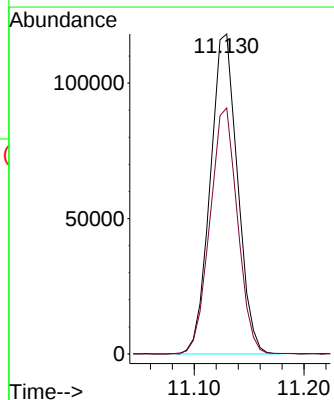
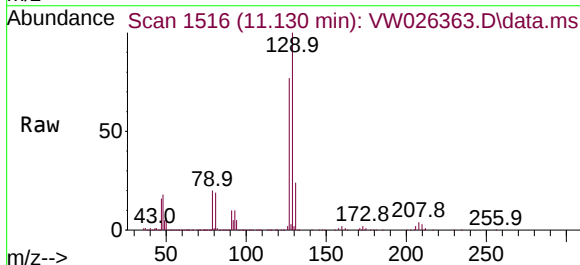
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

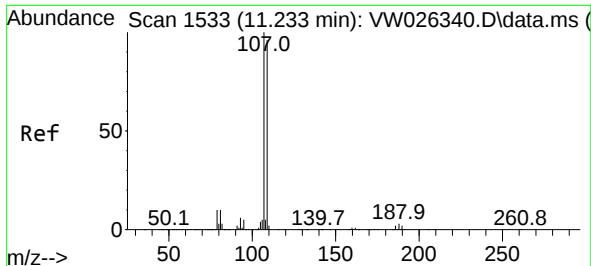
Tgt Ion: 43 Resp: 261523
Ion Ratio Lower Upper
43 100
58 51.8 40.1 60.1
57 18.2 13.4 20.0
100 10.3 8.2 12.2



#49
Dibromochloromethane
Concen: 22.788 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 129 Resp: 204666
Ion Ratio Lower Upper
129 100
127 76.9 54.4 101.0

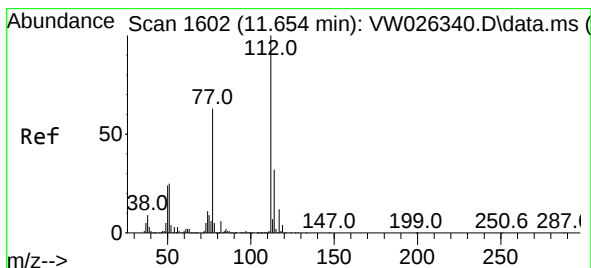
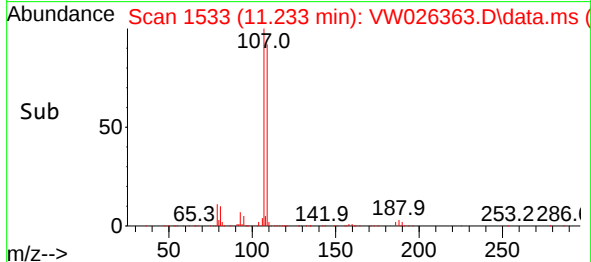
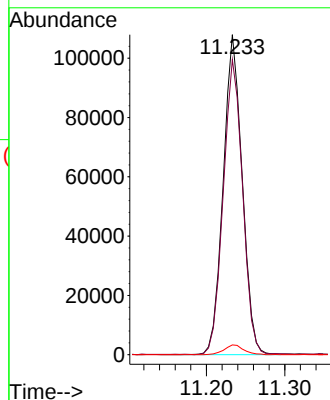
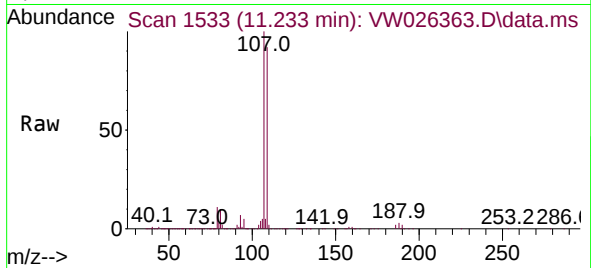




#50
1,2-Dibromoethane
Concen: 22.606 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

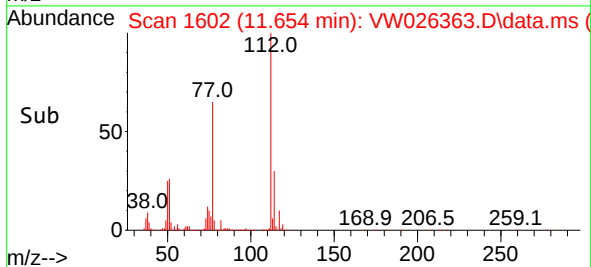
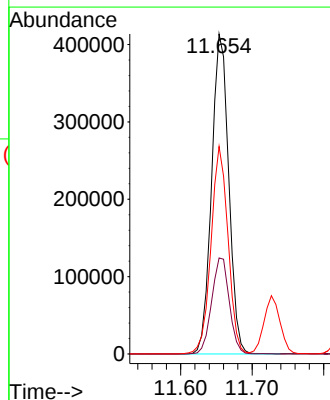
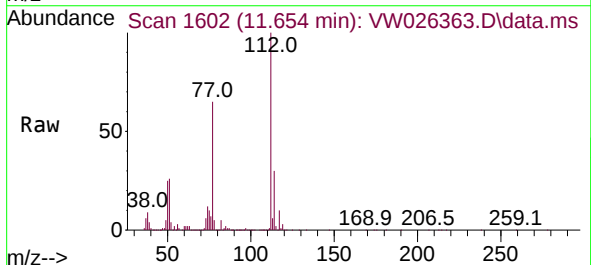
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

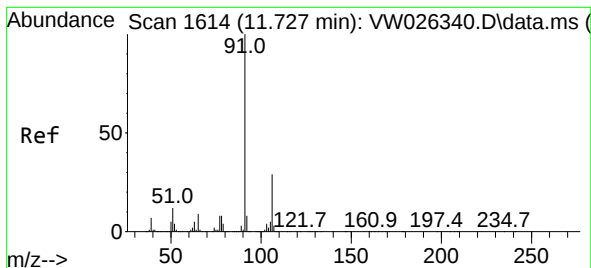
Tgt Ion:107 Resp: 182040
Ion Ratio Lower Upper
107 100
109 92.2 67.1 124.5
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 22.854 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion:112 Resp: 685679
Ion Ratio Lower Upper
112 100
114 30.0 23.0 42.8
77 64.9 53.2 79.8

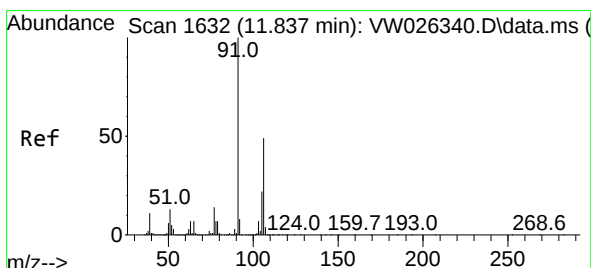
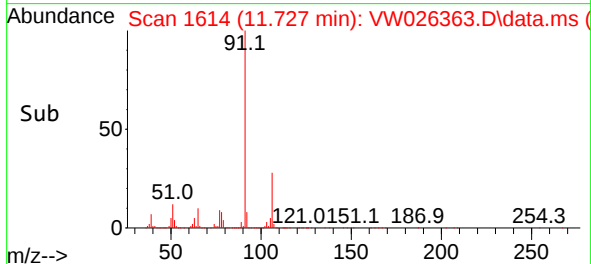
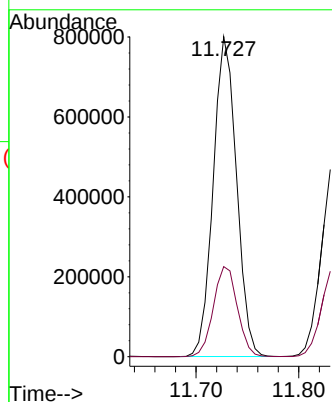
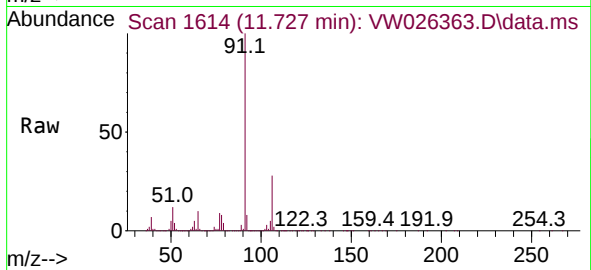




#52
Ethylbenzene
Concen: 23.808 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

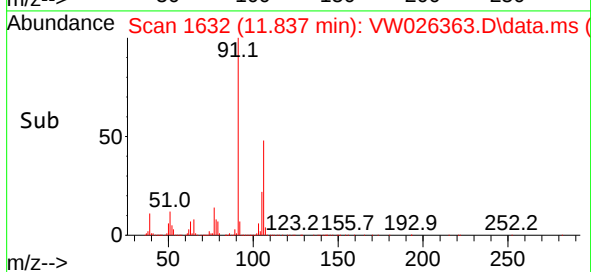
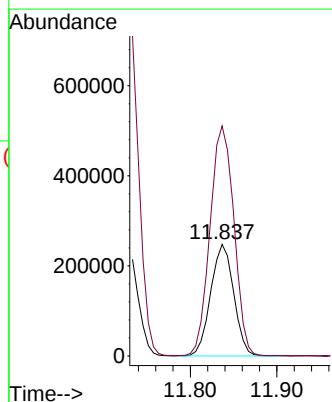
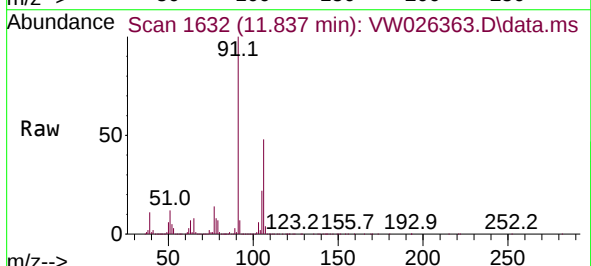
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

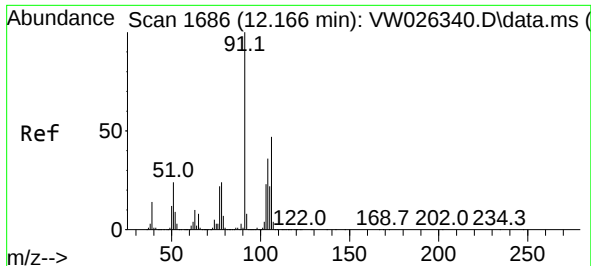
Tgt Ion: 91 Resp: 1261889
Ion Ratio Lower Upper
91 100
106 28.2 19.9 36.9



#53
m,p-Xylene
Concen: 23.665 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion:106 Resp: 457444
Ion Ratio Lower Upper
106 100
91 206.4 152.1 282.5

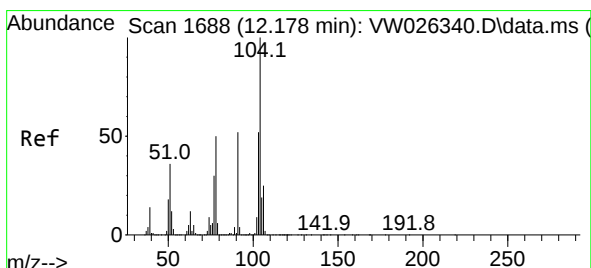
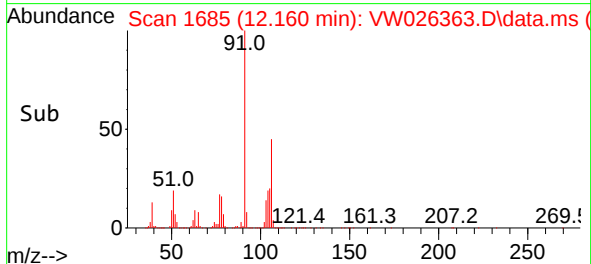
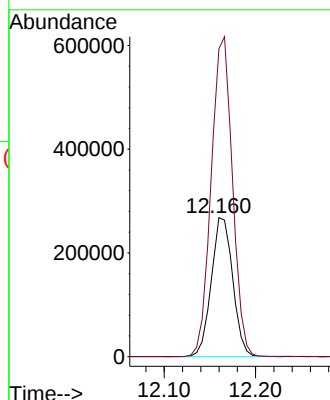
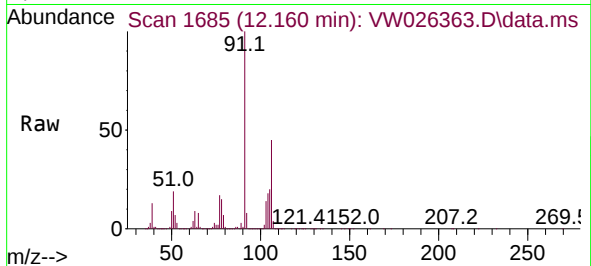




#54
o-Xylene
Concen: 23.963 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

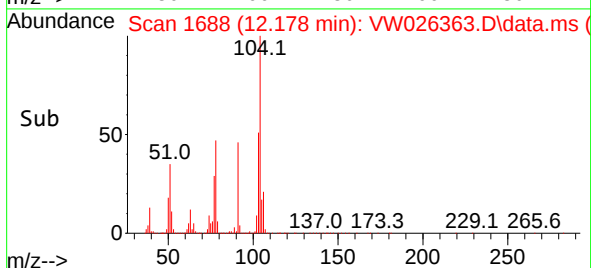
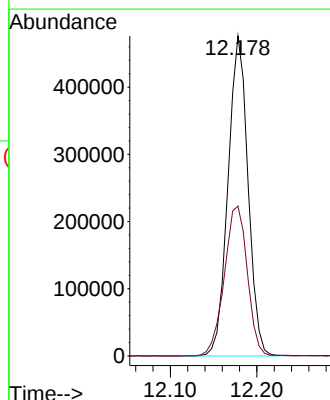
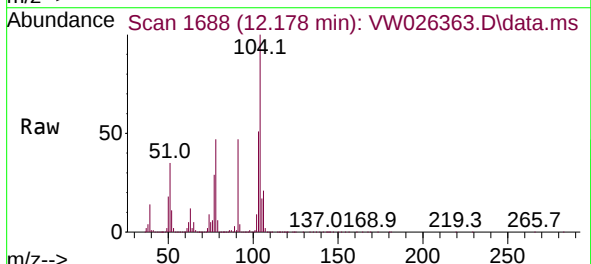
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

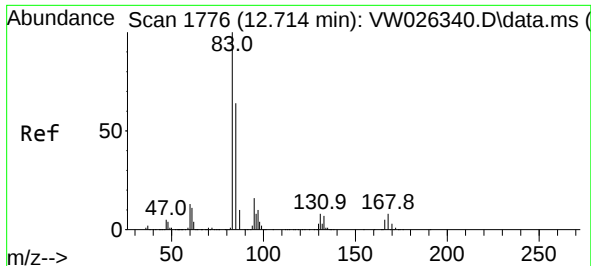
Tgt Ion:106 Resp: 436135
Ion Ratio Lower Upper
106 100
91 221.4 161.5 299.9



#55
Styrene
Concen: 24.018 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion:104 Resp: 762419
Ion Ratio Lower Upper
104 100
78 46.8 33.3 61.9

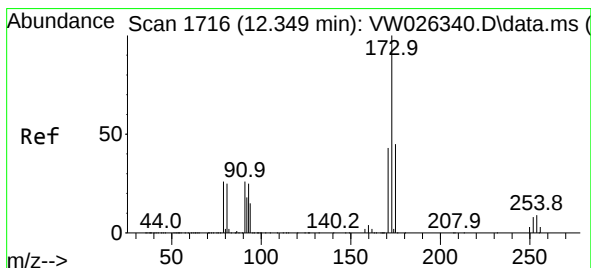
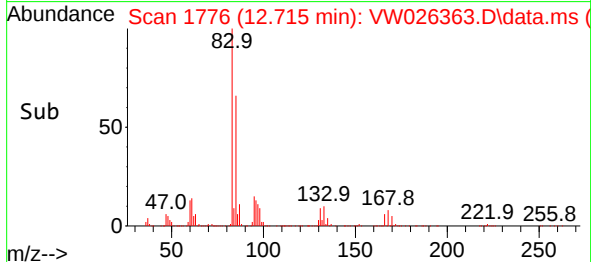
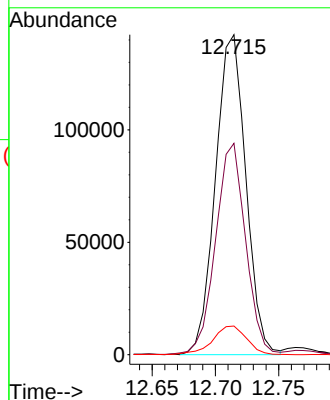
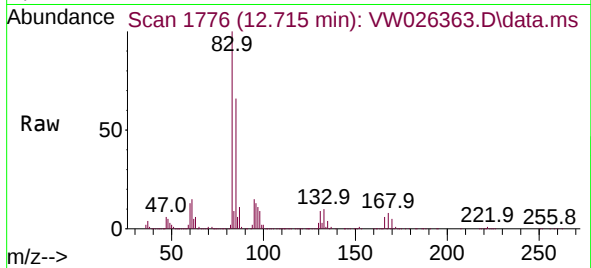




#57
1,1,2-Tetrachloroethane
Concen: 21.673 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

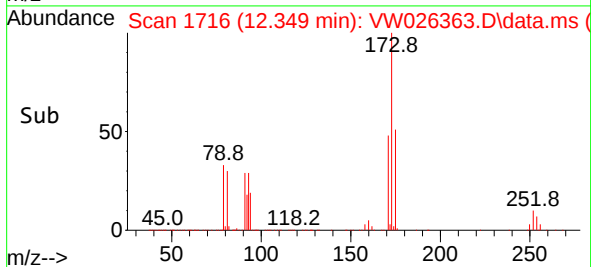
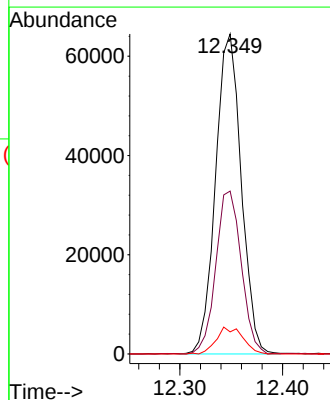
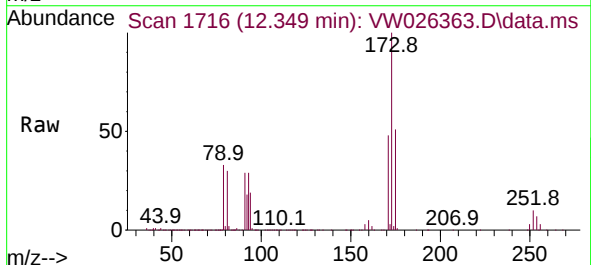
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

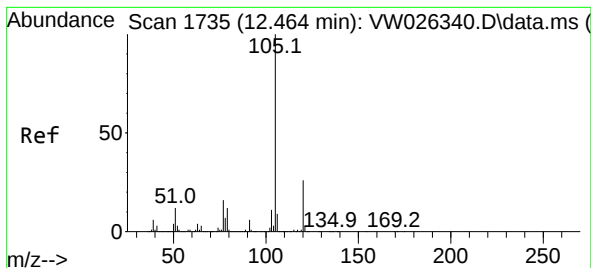
Tgt Ion: 83 Resp: 237622
Ion Ratio Lower Upper
83 100
85 66.1 43.7 81.1
131 8.9 7.4 11.0



#59
Bromoform
Concen: 22.899 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion: 173 Resp: 111921
Ion Ratio Lower Upper
173 100
175 50.4 39.7 59.5
254 8.6 7.1 10.7





#60

Isopropylbenzene

Concen: 25.230 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

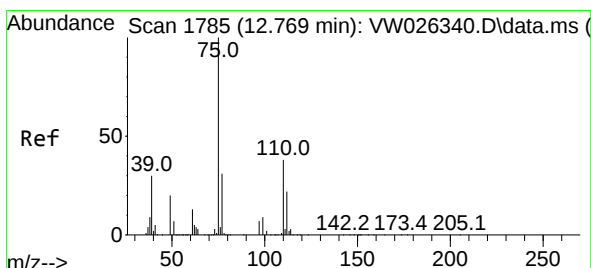
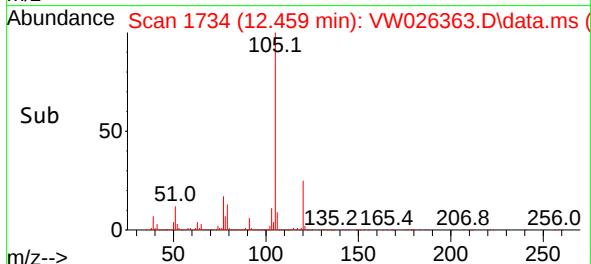
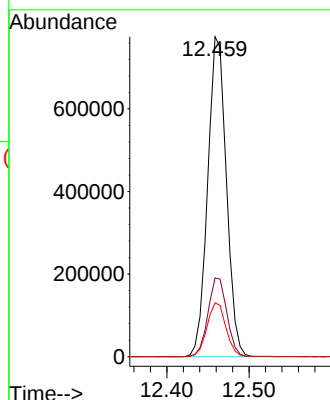
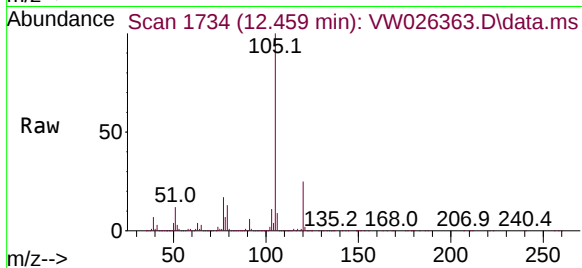
Tgt Ion:105 Resp: 1225133

Ion Ratio Lower Upper

105 100

120 24.9 20.4 30.6

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 22.641 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

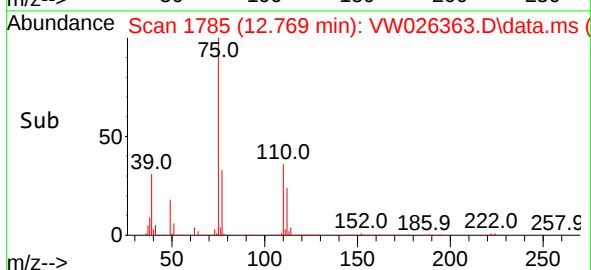
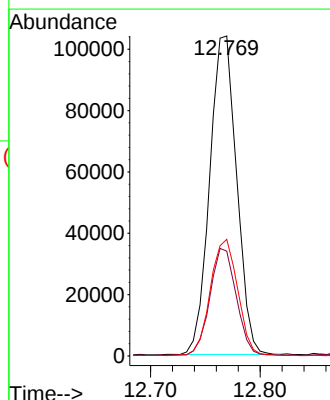
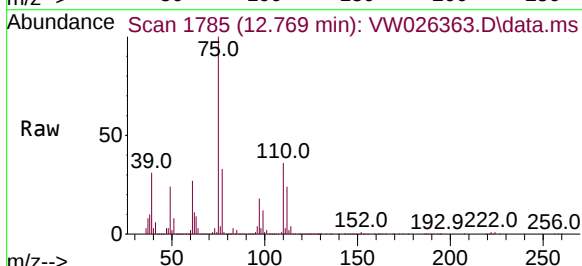
Tgt Ion: 75 Resp: 177814

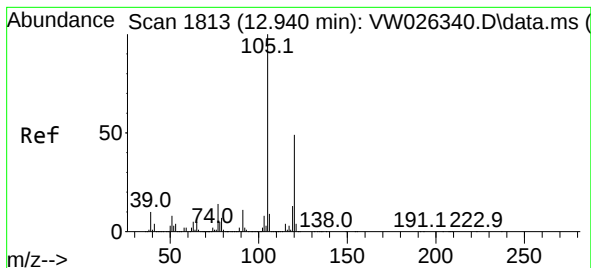
Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9

110 36.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.481 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

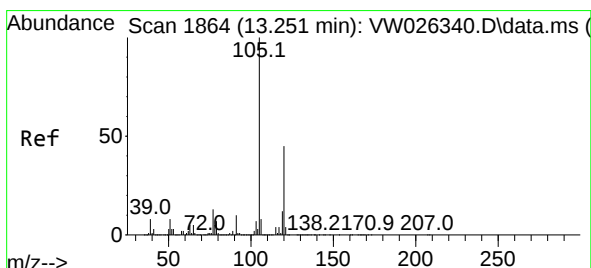
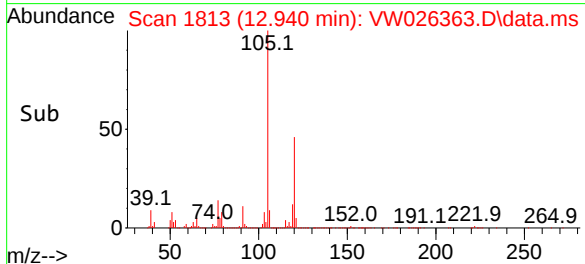
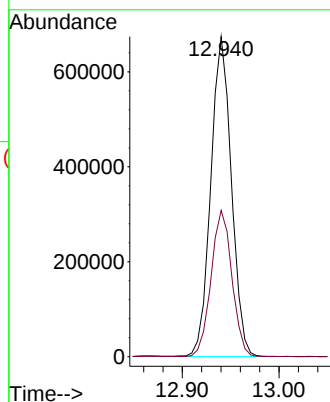
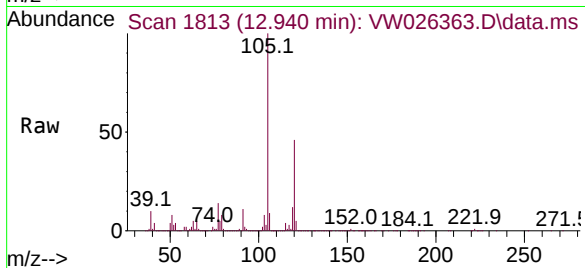
VSTD025537

Tgt Ion:105 Resp: 996784

Ion Ratio Lower Upper

105 100

120 46.3 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 27.196 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026363.D

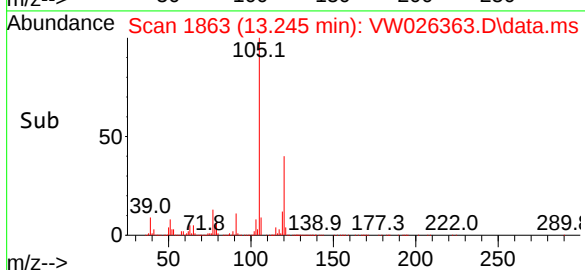
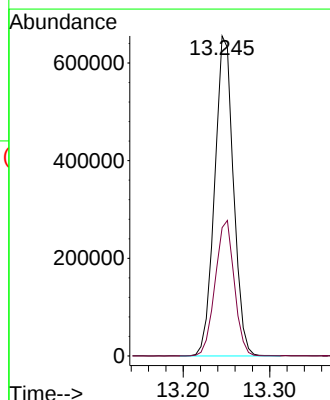
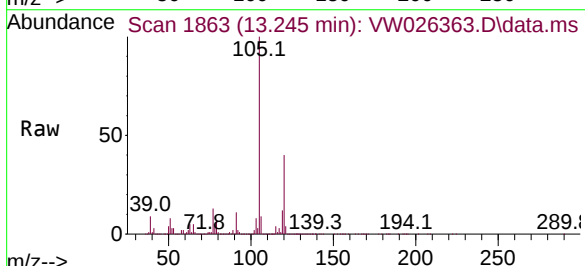
Acq: 27 Jun 2023 18:38

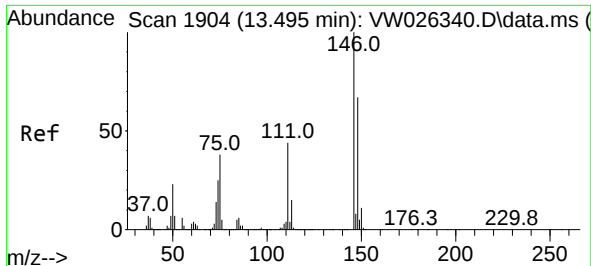
Tgt Ion:105 Resp: 987351

Ion Ratio Lower Upper

105 100

120 43.0 35.0 52.6

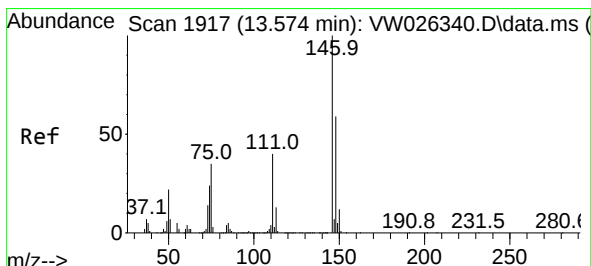
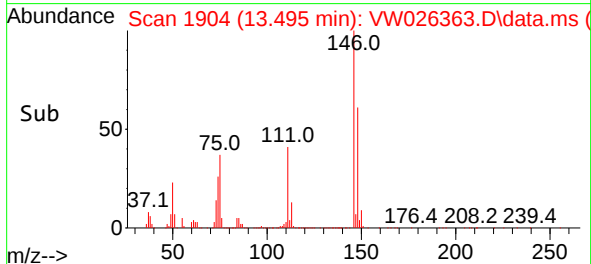
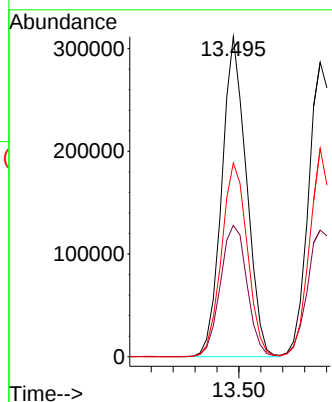
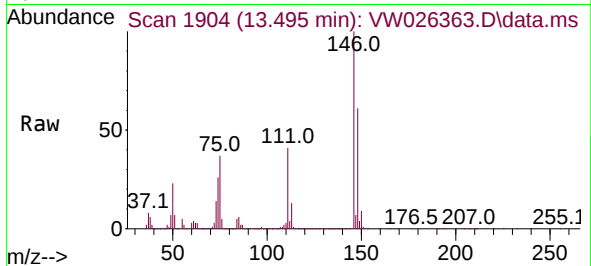




#64
1,3-Dichlorobenzene
Concen: 23.398 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

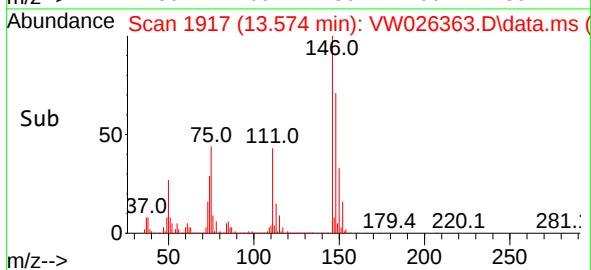
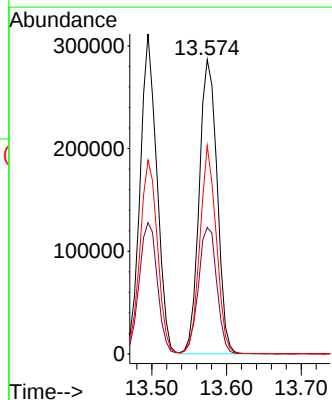
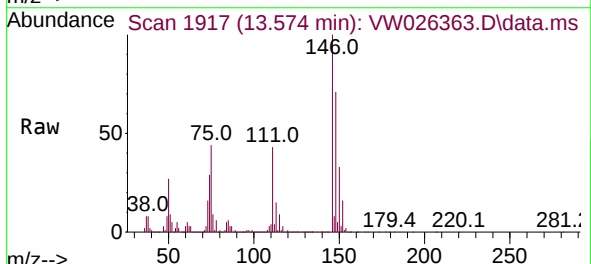
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

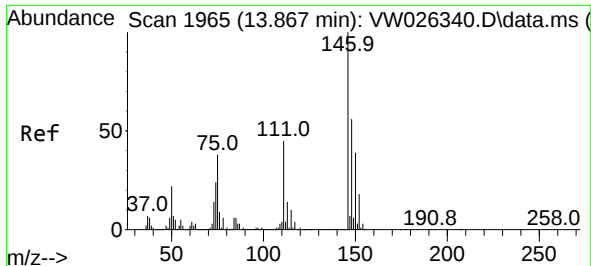
Tgt Ion:146 Resp: 486645
Ion Ratio Lower Upper
146 100
111 41.1 30.8 57.2
148 60.5 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 22.888 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026363.D
Acq: 27 Jun 2023 18:38

Tgt Ion:146 Resp: 476399
Ion Ratio Lower Upper
146 100
111 43.0 30.0 55.8
148 70.7 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.892 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

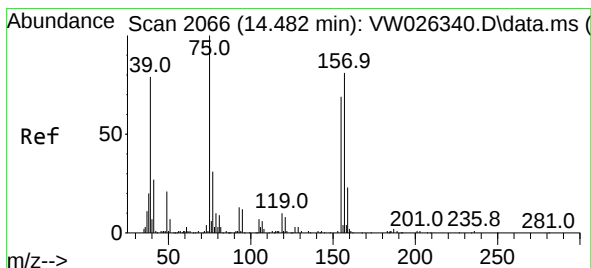
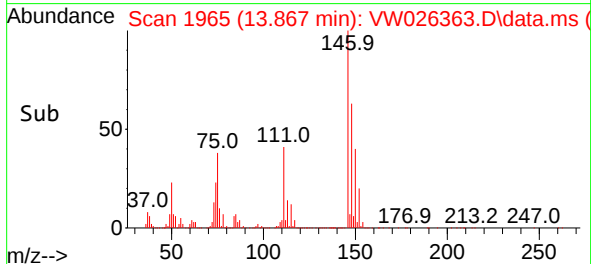
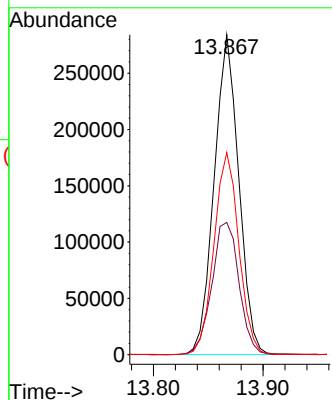
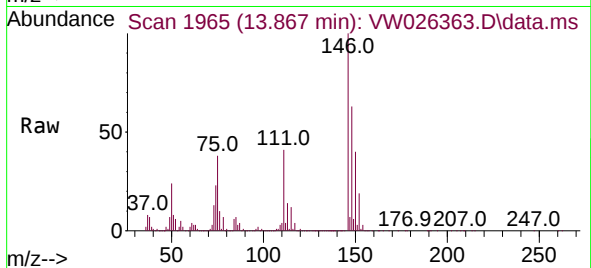
Tgt Ion:146 Resp: 442576

Ion Ratio Lower Upper

146 100

111 41.3 36.0 54.0

148 63.2 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.599 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

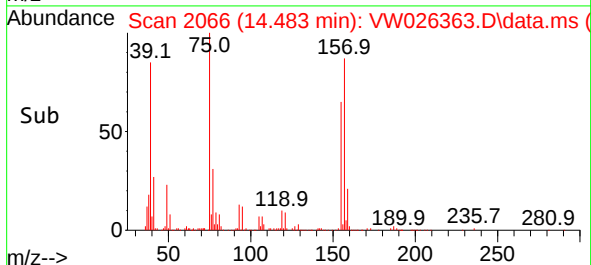
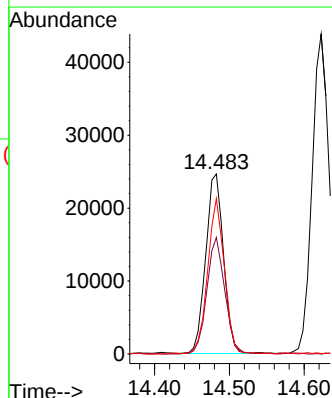
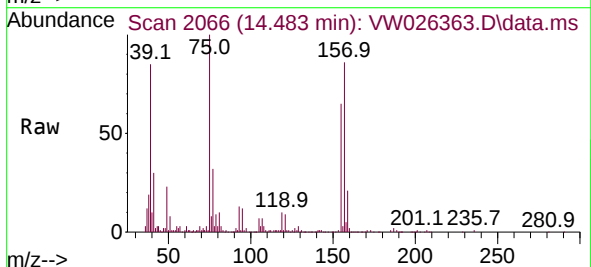
Tgt Ion: 75 Resp: 40907

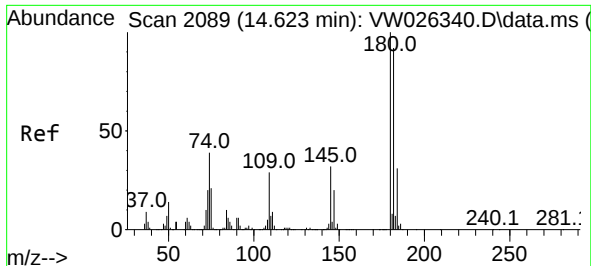
Ion Ratio Lower Upper

75 100

155 64.7 57.5 86.3

157 86.3 73.4 110.0

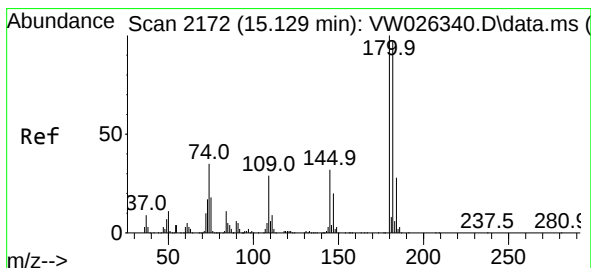
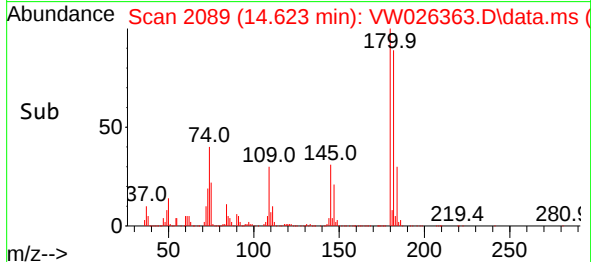
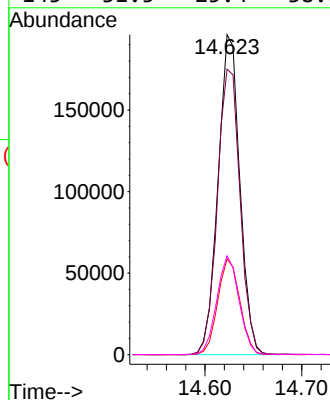
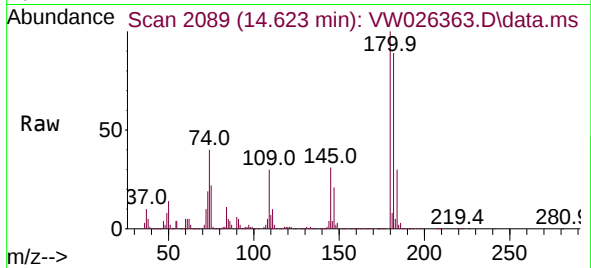




#69
 1,3,5-Trichlorobenzene
 Concen: 22.944 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

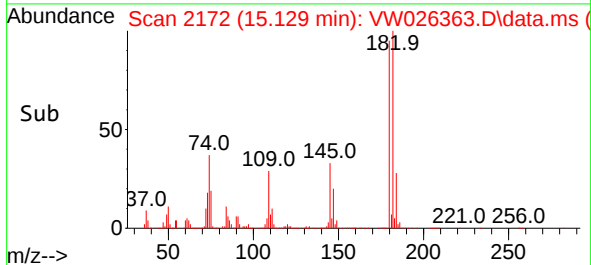
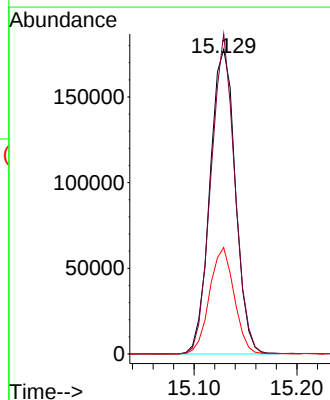
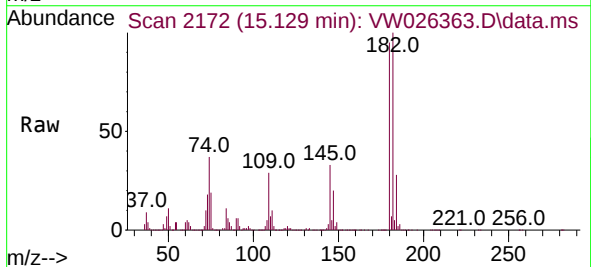
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

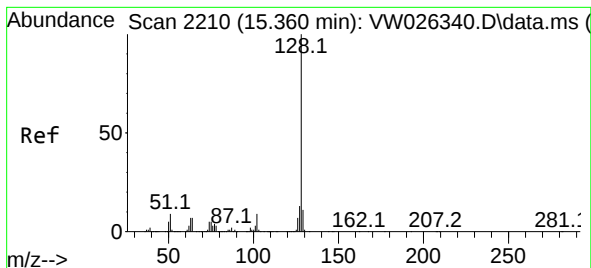
Tgt Ion:180	Resp: 306641
Ion Ratio	Lower Upper
180	100
182	93.0 74.2 111.4
184	30.4 23.8 35.6
145	31.5 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 27.827 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026363.D
 Acq: 27 Jun 2023 18:38

Tgt Ion:180	Resp: 304354
Ion Ratio	Lower Upper
180	100
182	98.5 75.6 113.4
145	33.9 24.7 37.1





#71

Naphthalene

Concen: 30.132 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

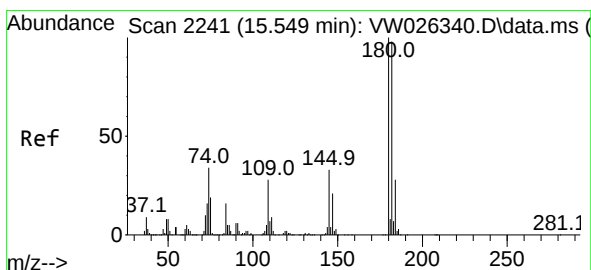
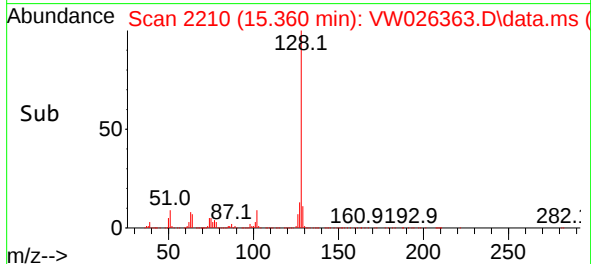
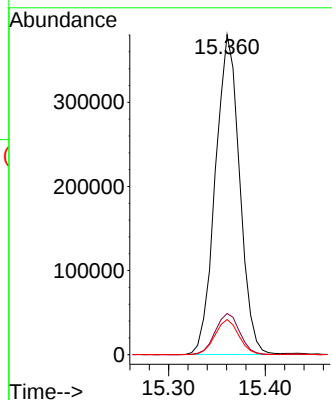
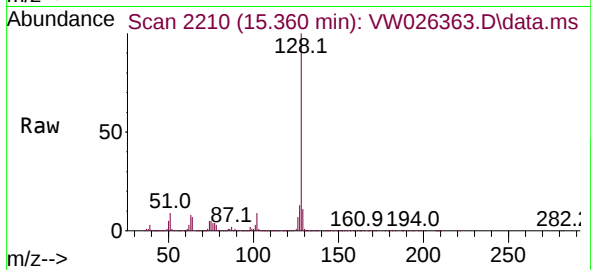
Tgt Ion:128 Resp: 662492

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.488 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026363.D

Acq: 27 Jun 2023 18:38

Tgt Ion:180 Resp: 270484

Ion Ratio Lower Upper

180 100

182 89.4 75.0 112.6

145 33.6 28.5 42.7

