

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072123\
 Data File : VW026638.D
 Acq On : 21 Jul 2023 14:36
 Operator : SY/MD
 Sample : VSTDCCC0.25EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Jul 22 01:29:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	653485	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	186470	16.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
7) Chloroethane-d5	2.893	69	147859	19.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	4.027	65	90836	17.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.200%
21) 2-Butanone-d5	7.075	46	118155	33.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.340%
24) Chloroform-d	7.648	84	427396	22.717	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	8.301	65	225668	21.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.920%
32) Benzene-d6	8.276	84	841269	21.283	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.270	67	265055	21.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	725113	21.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	99045	20.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.320%
47) 2-Hexanone-d5	10.922	63	82342	34.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196133	19.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	231988	21.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	134448	18.239	ug/L	97
3) Chloromethane	2.228	50	240714	22.854	ug/L	100
5) Vinyl chloride	2.381	62	234646	21.139	ug/L	94
6) Bromomethane	2.789	94	138596	23.488	ug/L	99
8) Chloroethane	2.930	64	145780	23.487	ug/L	98
9) Trichlorofluoromethane	3.265	101	158253	19.248	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202712	22.216	ug/L	98
12) 1,1-Dichloroethene	4.051	96	205717	23.499	ug/L	81
13) Acetone	4.131	43	89625	34.975	ug/L	98
14) Carbon disulfide	4.393	76	679408	22.139	ug/L	98
15) Methyl Acetate	4.673	43	112483	18.270	ug/L	99
16) Methylene chloride	4.923	84	276039	23.911	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	230108	24.584	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	321472	21.944	ug/L	99
19) 1,1-Dichloroethane	6.216	63	485711	25.954	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246859	25.469	ug/L	90
22) 2-Butanone	7.173	43	149584	38.333	ug/L	100
23) Bromochloromethane	7.514	128	103330	24.888	ug/L	98
25) Chloroform	7.673	83	454732	26.520	ug/L	95

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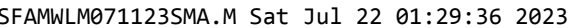
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 ClientSampleId :
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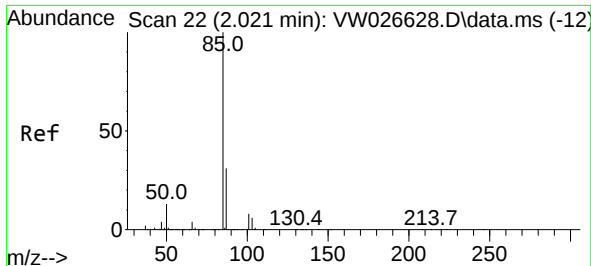
Quant Time: Jul 22 01:29:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305561	25.314	ug/L	97
29) Cyclohexane	7.959	56	405509	22.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	344406	24.403	ug/L	97
31) Carbon tetrachloride	8.069	117	314921	24.582	ug/L	100
33) Benzene	8.325	78	1028969	25.935	ug/L	100
34) Trichloroethene	9.093	95	256735	25.191	ug/L	96
35) Methylcyclohexane	9.331	83	416558	22.763	ug/L	99
37) 1,2-Dichloropropane	9.367	63	274786	26.080	ug/L	99
38) Bromodichloromethane	9.642	83	308144	25.741	ug/L	92
39) cis-1,3-Dichloropropene	10.075	75	391224	25.791	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	310364	39.027	ug/L	99
42) Toluene	10.386	91	1050471	26.218	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	321901	25.161	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	181006	24.614	ug/L	97
46) Tetrachloroethene	10.861	164	181919	25.144	ug/L	91
48) 2-Hexanone	10.965	43	205271	36.986	ug/L	100
49) Dibromochloromethane	11.129	129	185526	25.479	ug/L	93
50) 1,2-Dibromoethane	11.233	107	160611	23.170	ug/L	98
51) Chlorobenzene	11.654	112	637687	25.958	ug/L	97
52) Ethylbenzene	11.727	91	1179120	26.434	ug/L	97
53) m,p-Xylene	11.837	106	433719	26.726	ug/L	98
54) o-Xylene	12.166	106	416015	27.311	ug/L	98
55) Styrene	12.178	104	730848	28.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	211893	21.956	ug/L	97
59) Bromoform	12.349	173	101107	22.243	ug/L	97
60) Isopropylbenzene	12.464	105	1142850	25.701	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	155684	20.055	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	941507	27.605	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	914816	27.054	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	474609	25.436	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	461346	24.792	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	420412	25.459	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	32655	17.674	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	296863	24.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	235564	23.247	ug/L	90
71) Naphthalene	15.360	128	468916	20.435	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223268	23.405	ug/L	96

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

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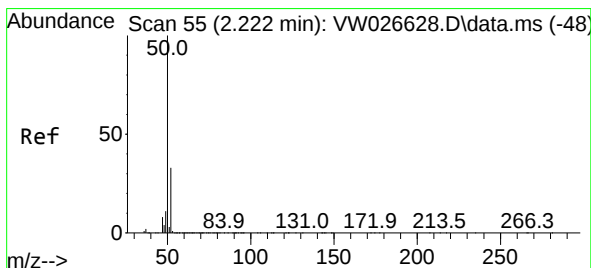
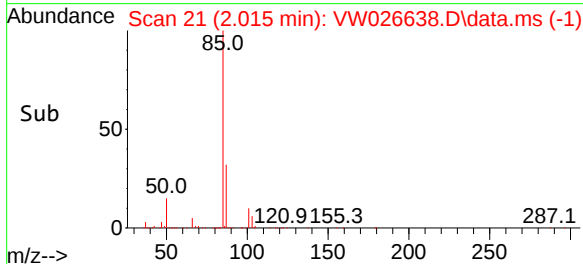
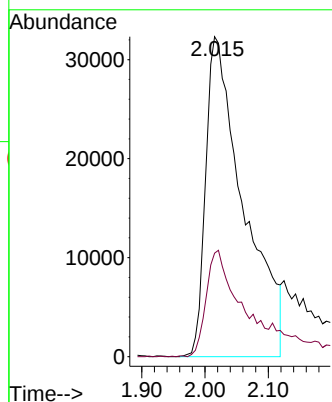
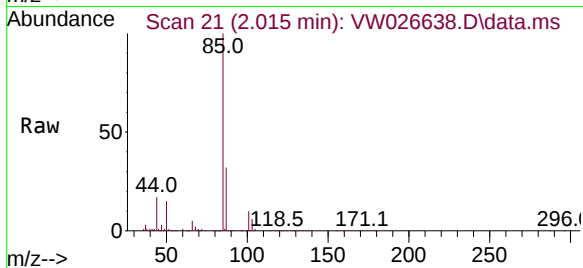




#2
 Dichlorodifluoromethane
 Concen: 18.239 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026638.D
 Acq: 21 Jul 2023 14:36

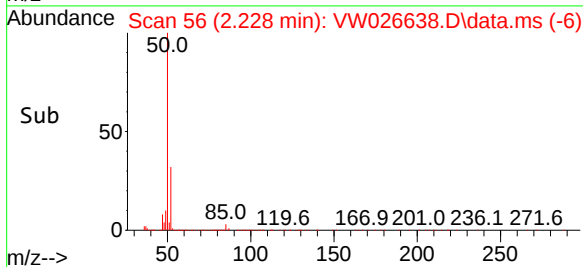
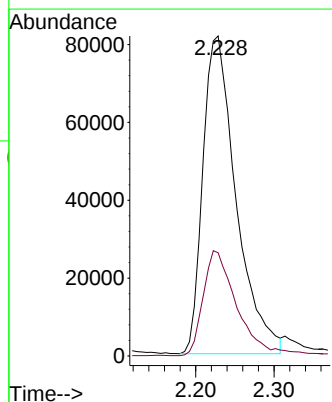
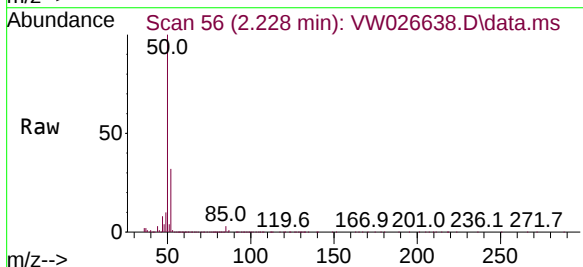
Instrument :
 MSVOA_W
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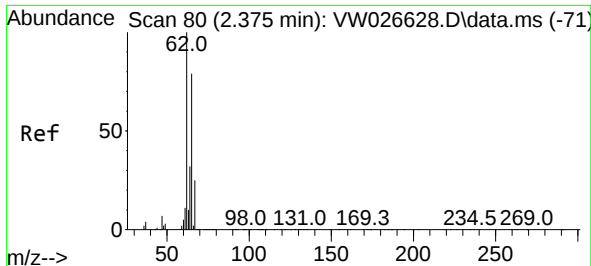
Tgt Ion: 85 Resp: 134448
 Ion Ratio Lower Upper
 85 100
 87 25.3 21.4 32.0



#3
 Chloromethane
 Concen: 22.854 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026638.D
 Acq: 21 Jul 2023 14:36

Tgt Ion: 50 Resp: 240714
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.7

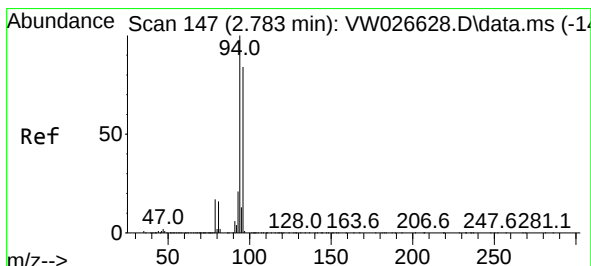
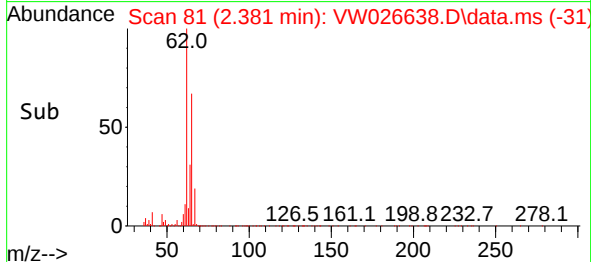
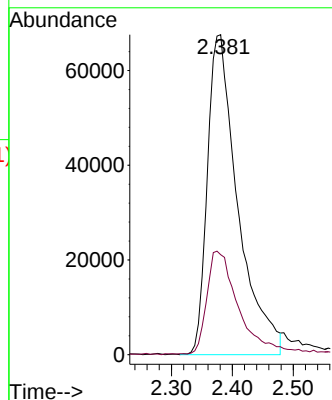
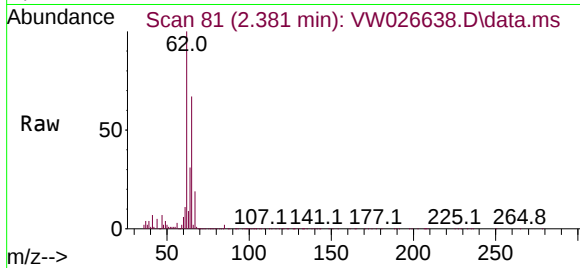




#5
 Vinyl chloride
 Concen: 21.139 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026638.D
 Acq: 21 Jul 2023 14:36

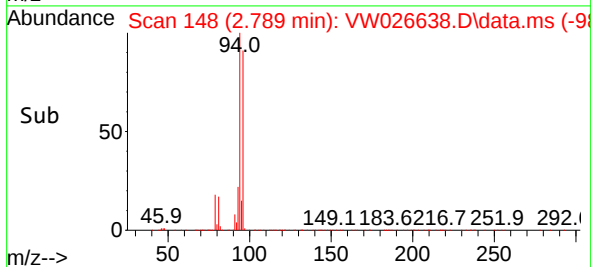
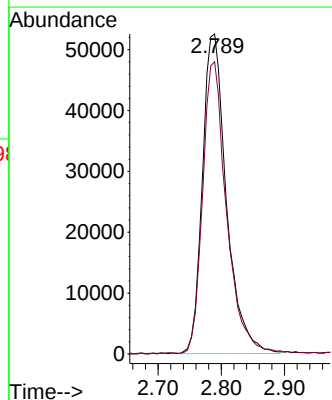
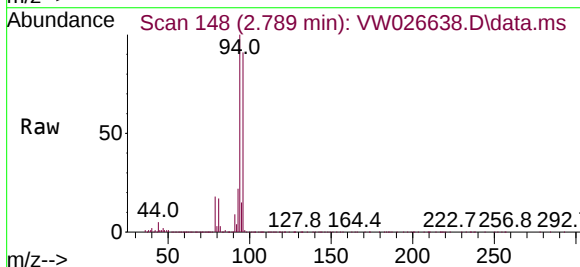
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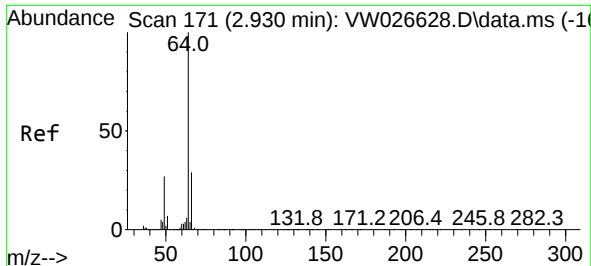
Tgt Ion: 62 Resp: 234646
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.2 45.0



#6
 Bromomethane
 Concen: 23.488 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026638.D
 Acq: 21 Jul 2023 14:36

Tgt Ion: 94 Resp: 138596
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.5 119.9

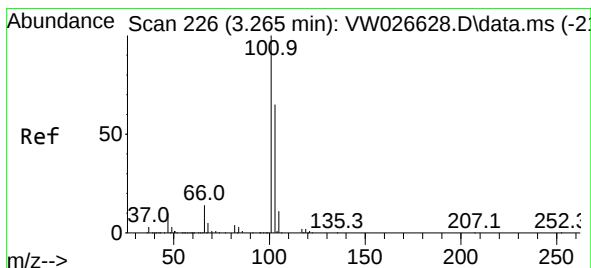
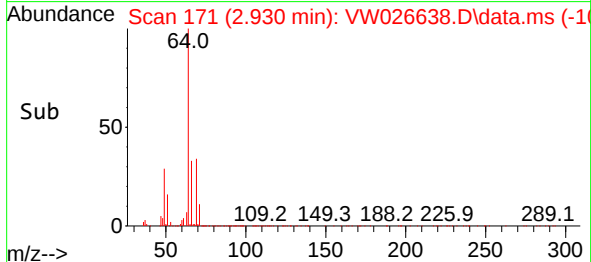
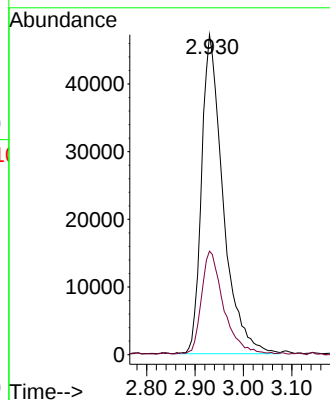
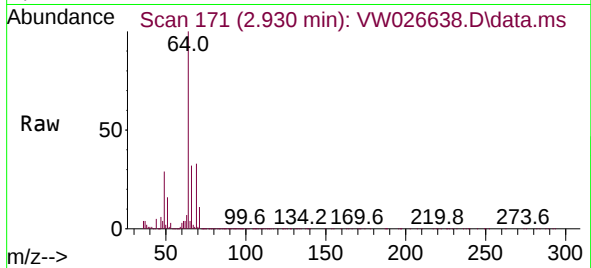




#8
Chloroethane
Concen: 23.487 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

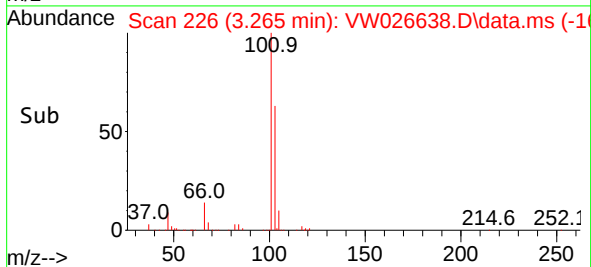
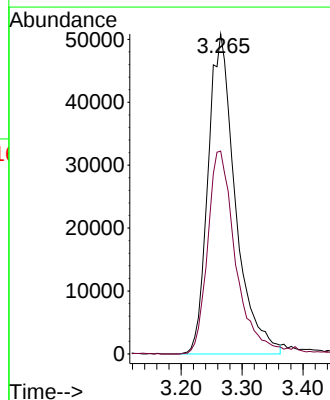
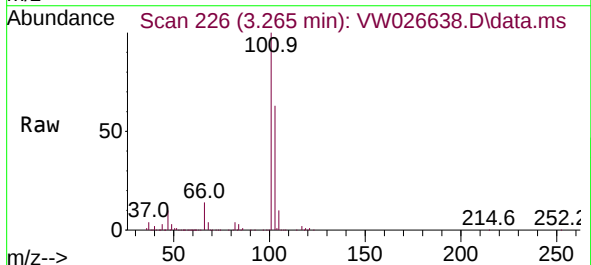
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ClientSampleId :
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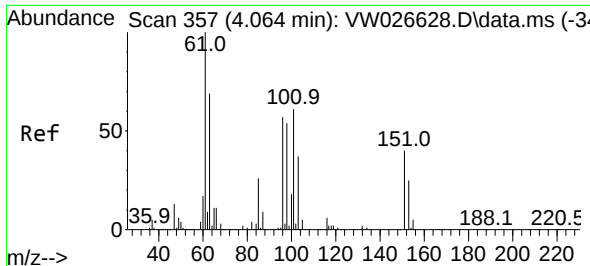
Tgt Ion: 64 Resp: 145780
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.248 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 101 Resp: 158253
Ion Ratio Lower Upper
101 100
103 65.0 50.3 75.5

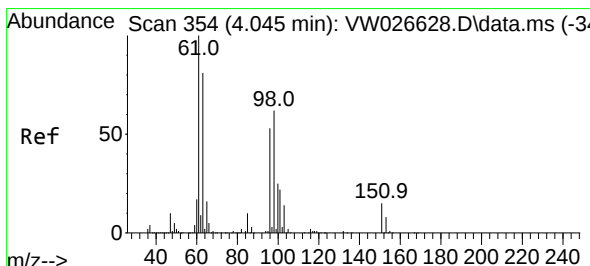
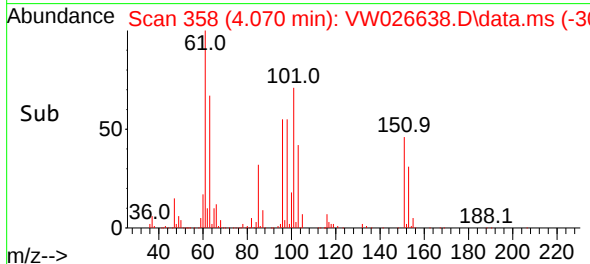
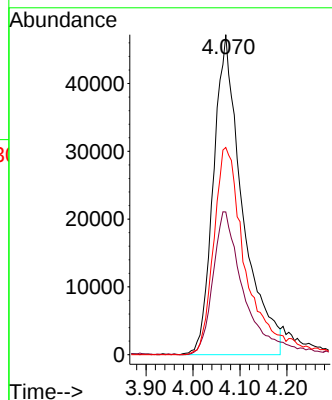
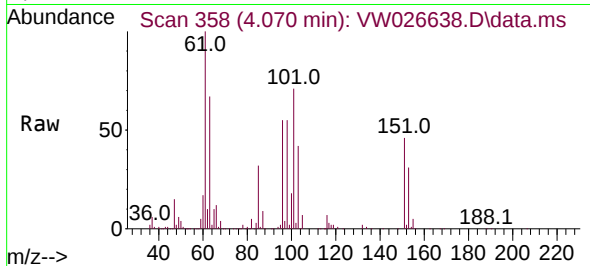




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.216 ug/L
RT: 4.070 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

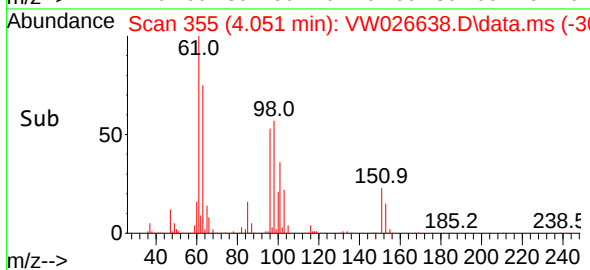
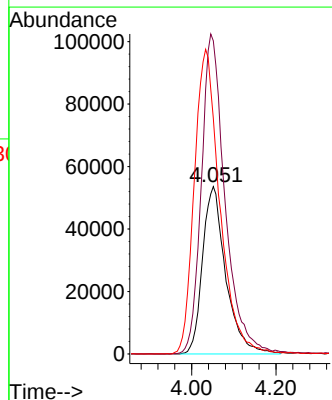
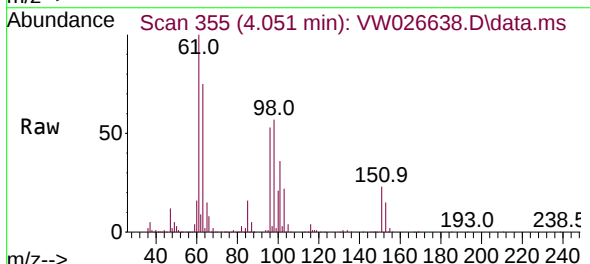
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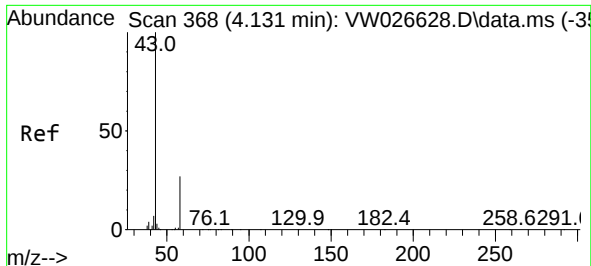
Tgt Ion:101 Resp: 202712
Ion Ratio Lower Upper
101 100
85 47.1 36.1 54.1
151 69.0 55.9 83.9



#12
1,1-Dichloroethene
Concen: 23.499 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 96 Resp: 205717
Ion Ratio Lower Upper
96 100
61 187.1 140.8 261.4
63 140.8 127.7 237.3

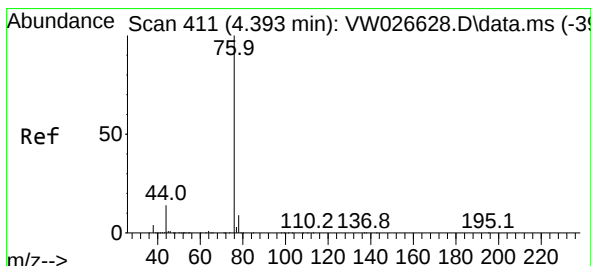
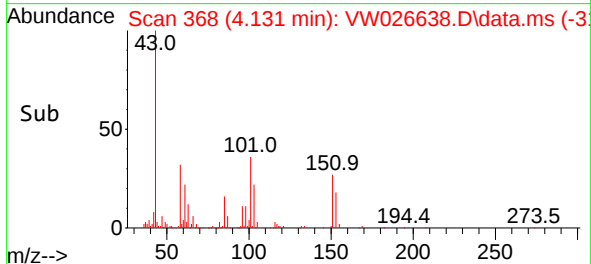
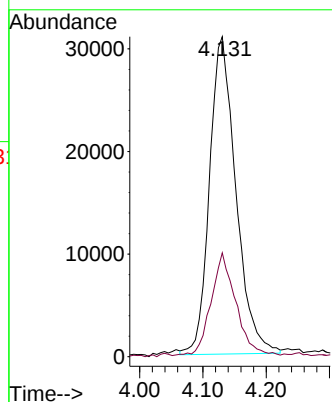
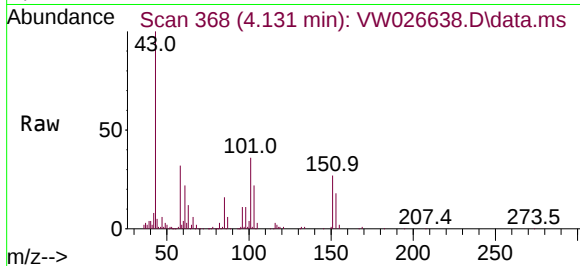




#13
Acetone
Concen: 34.975 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

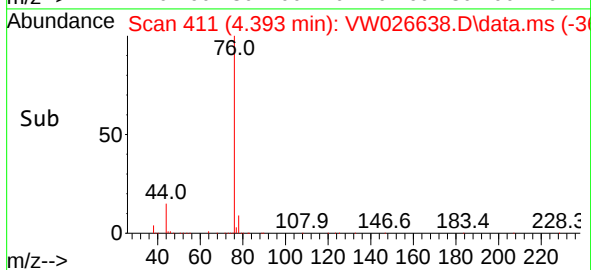
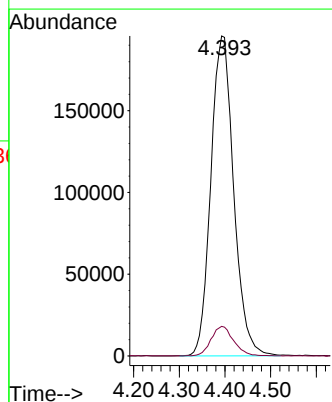
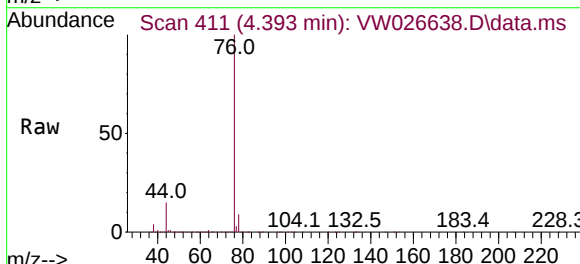
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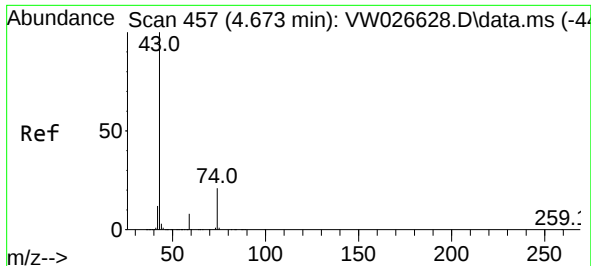
Tgt Ion: 43 Resp: 89625
Ion Ratio Lower Upper
43 100
58 30.4 0.0 63.2



#14
Carbon disulfide
Concen: 22.139 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 76 Resp: 679408
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

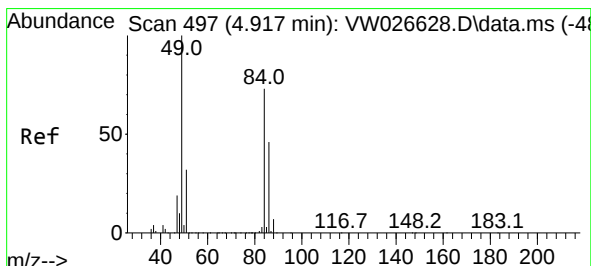
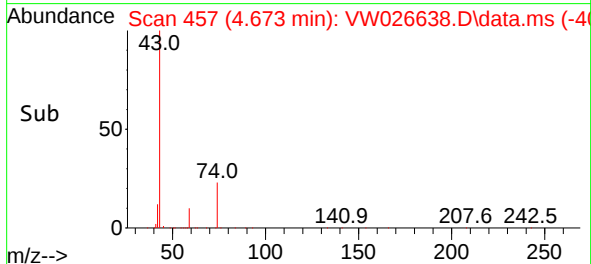
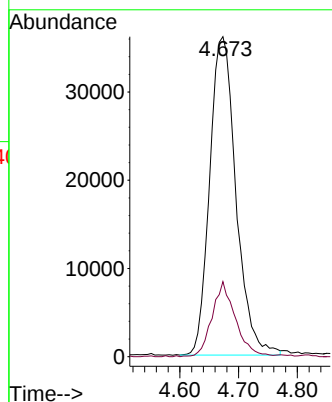
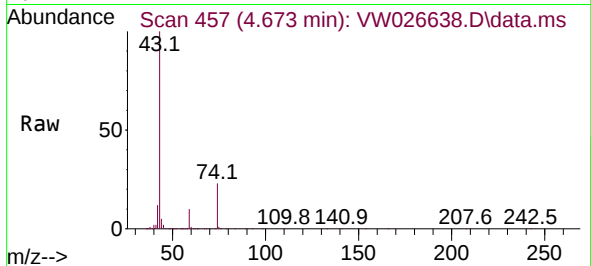




#15
Methyl Acetate
Concen: 18.270 ug/L
RT: 4.673 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

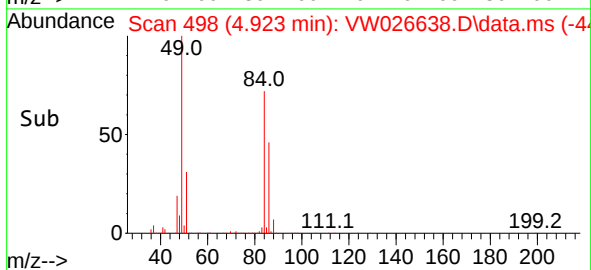
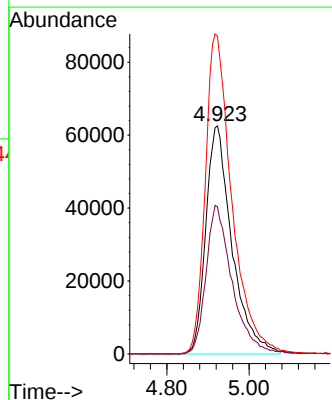
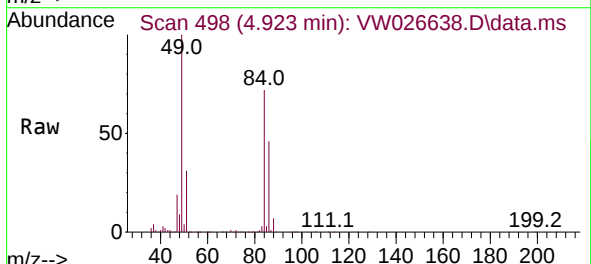
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

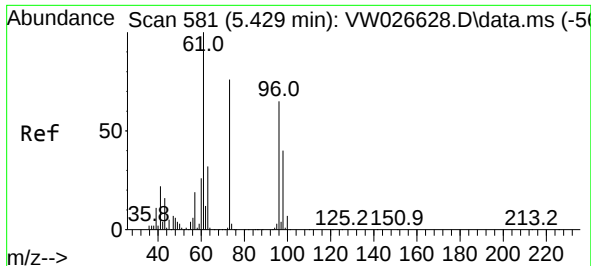
Tgt Ion: 43 Resp: 112483
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5



#16
Methylene chloride
Concen: 23.911 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 84 Resp: 276039
Ion Ratio Lower Upper
84 100
86 64.5 43.8 81.3
49 139.3 99.2 184.2

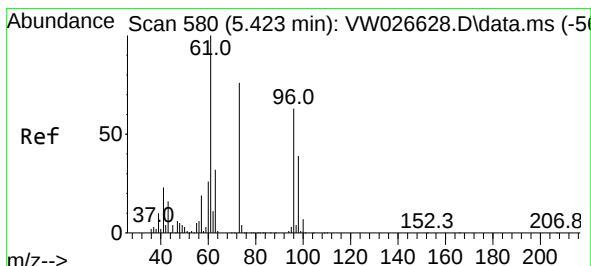
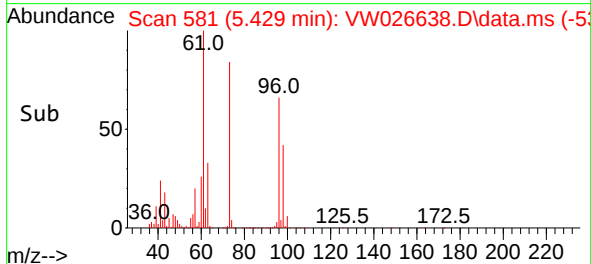
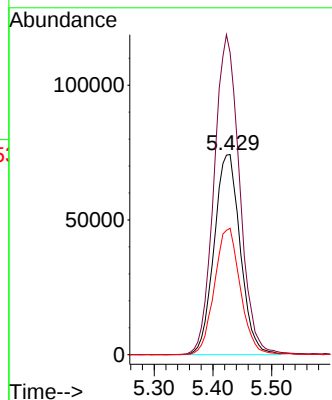
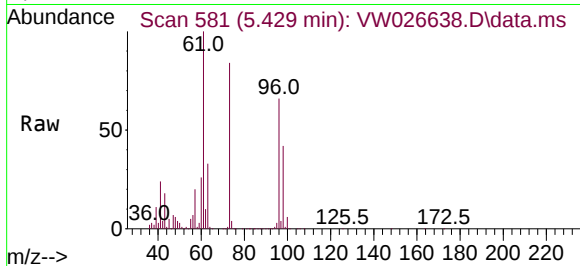




#17
trans-1,2-Dichloroethene
Concen: 24.584 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

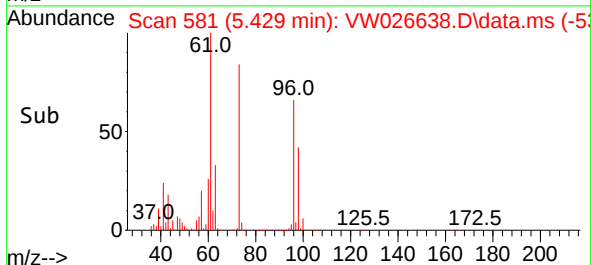
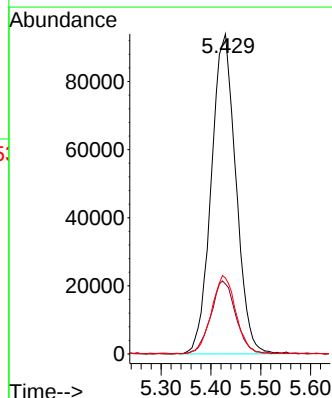
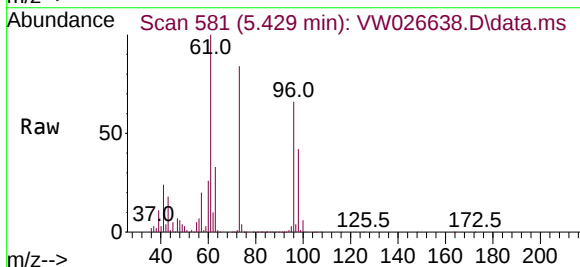
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

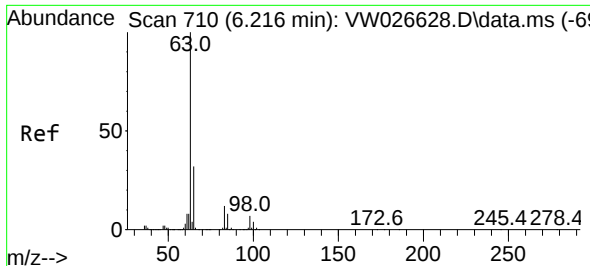
Tgt Ion: 96 Resp: 230108
Ion Ratio Lower Upper
96 100
61 150.9 108.1 200.9
98 63.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 21.944 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 73 Resp: 321472
Ion Ratio Lower Upper
73 100
43 22.7 17.4 26.2
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.954 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

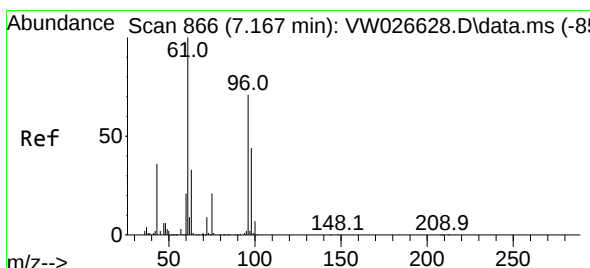
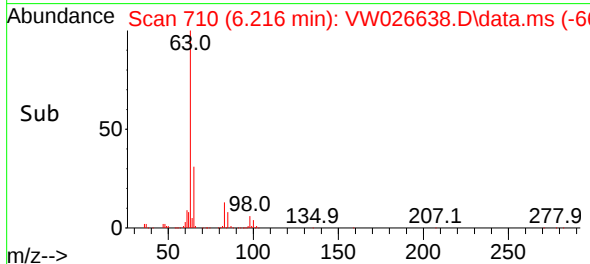
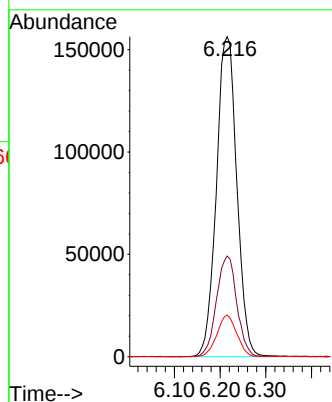
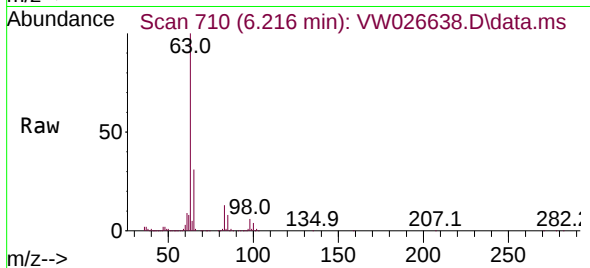
Tgt Ion: 63 Resp: 485711

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 13.0 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.469 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

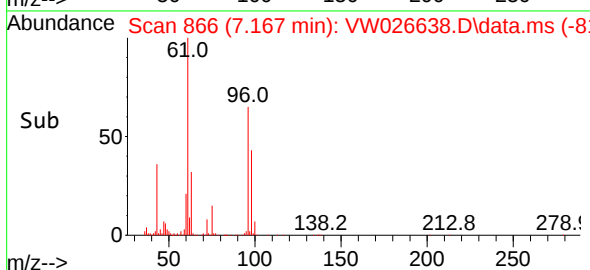
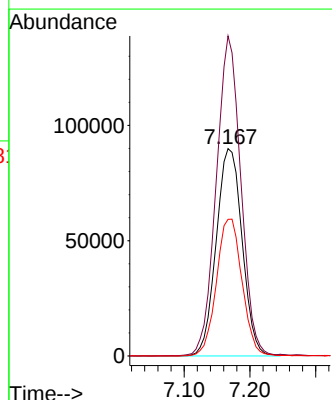
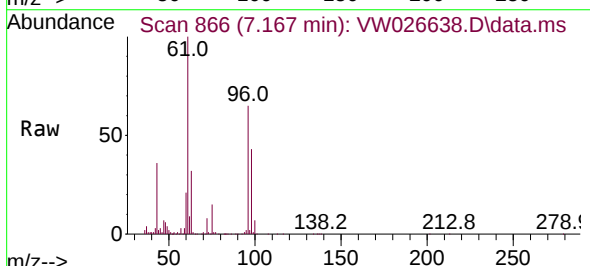
Tgt Ion: 96 Resp: 246859

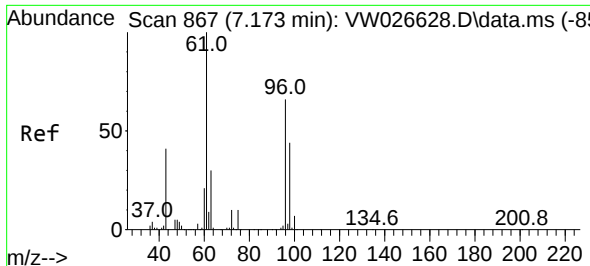
Ion Ratio Lower Upper

96 100

61 154.3 98.8 183.6

98 65.9 42.4 78.6

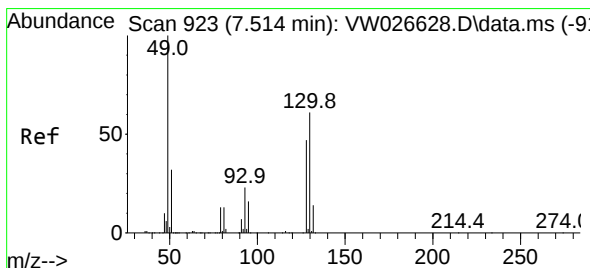
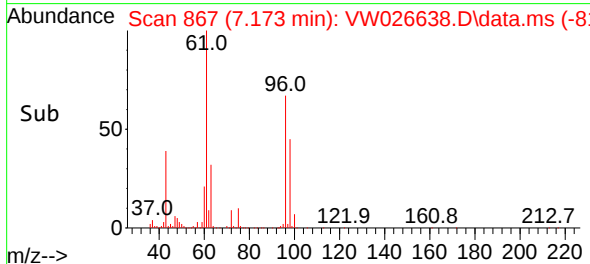
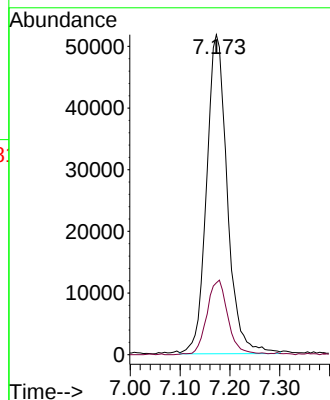
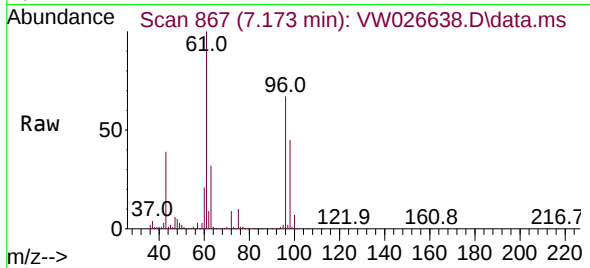




#22
2-Butanone
Concen: 38.333 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

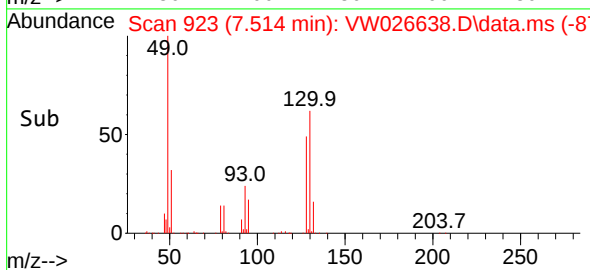
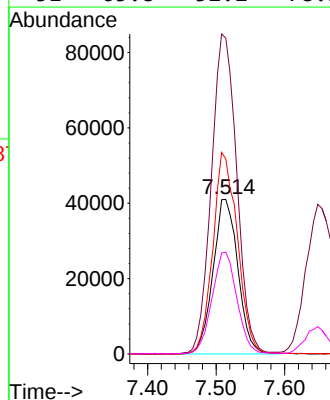
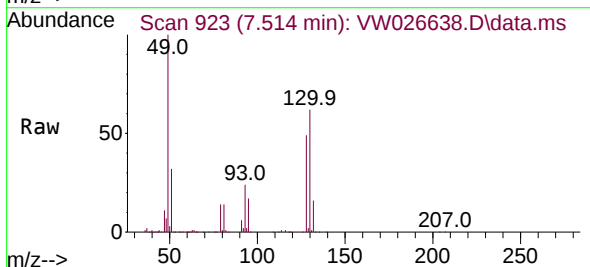
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

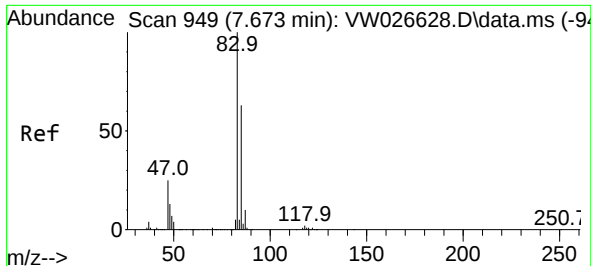
Tgt Ion: 43 Resp: 149584
Ion Ratio Lower Upper
43 100
72 23.5 11.9 35.5



#23
Bromochloromethane
Concen: 24.888 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 128 Resp: 103330
Ion Ratio Lower Upper
128 100
49 204.3 142.1 263.9
130 126.2 92.9 172.5
51 65.8 52.2 78.2

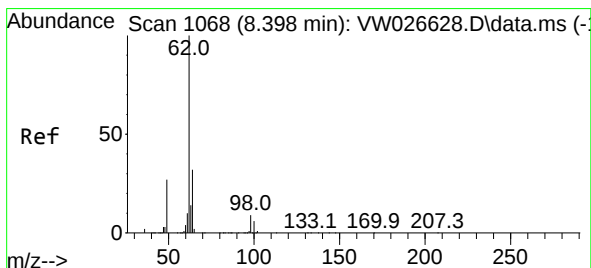
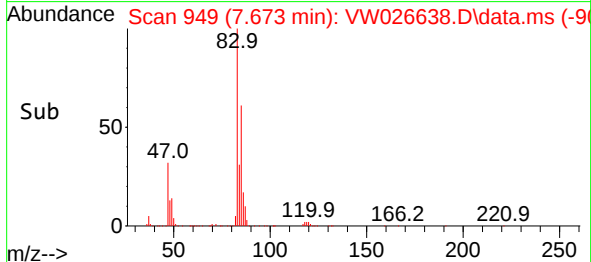
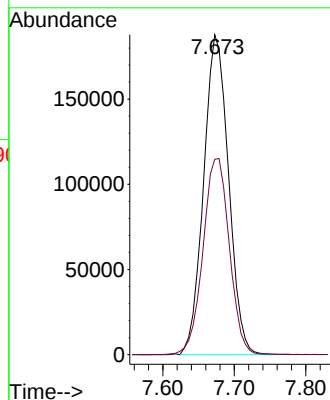
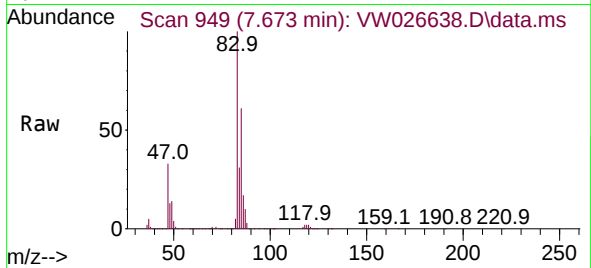




#25
Chloroform
Concen: 26.520 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

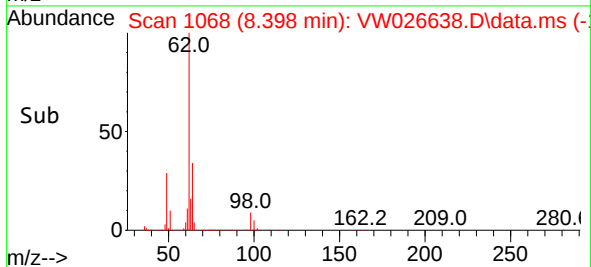
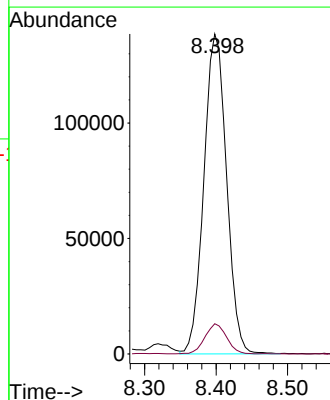
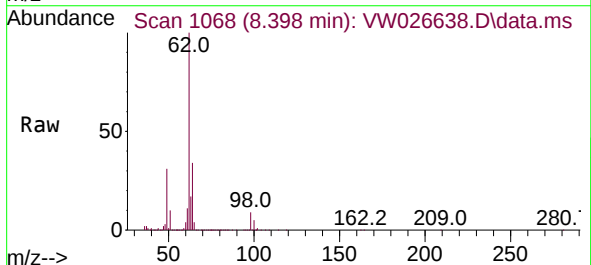
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

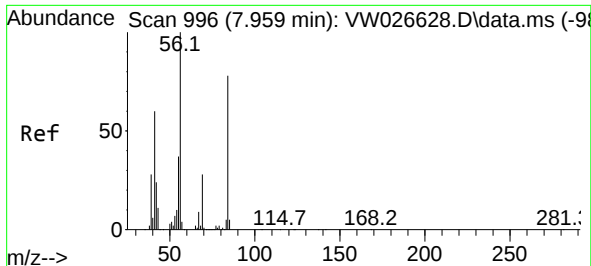
Tgt Ion: 83 Resp: 454732
Ion Ratio Lower Upper
83 100
85 61.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.314 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 62 Resp: 305561
Ion Ratio Lower Upper
62 100
98 9.5 6.7 10.1

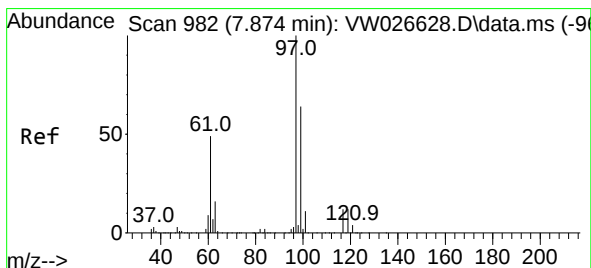
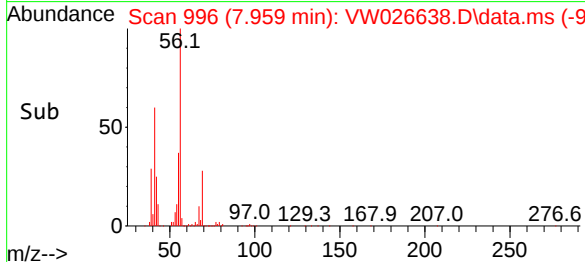
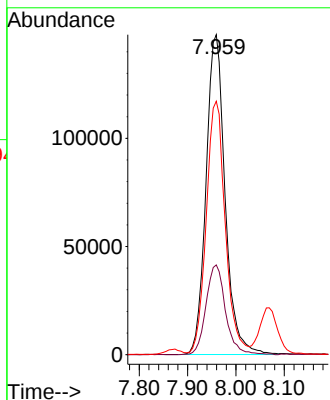
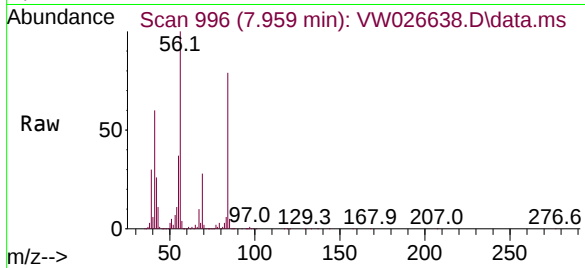




#29
Cyclohexane
Concen: 22.618 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

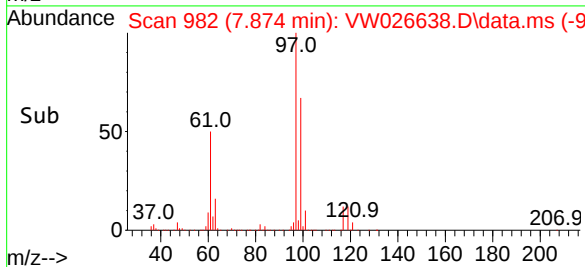
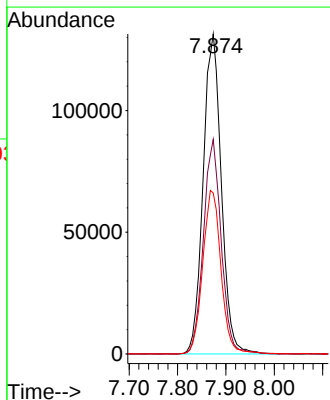
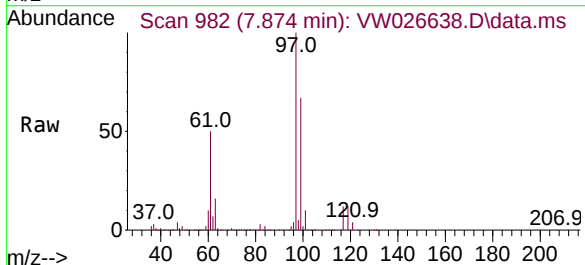
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

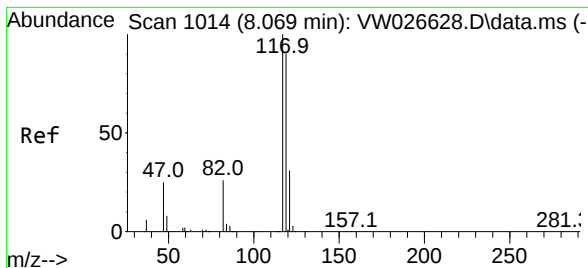
Tgt Ion: 56 Resp: 405509
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 79.0 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 24.403 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 97 Resp: 344406
Ion Ratio Lower Upper
97 100
99 65.2 49.9 74.9
61 51.3 39.8 59.8





#31

Carbon tetrachloride

Concen: 24.582 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

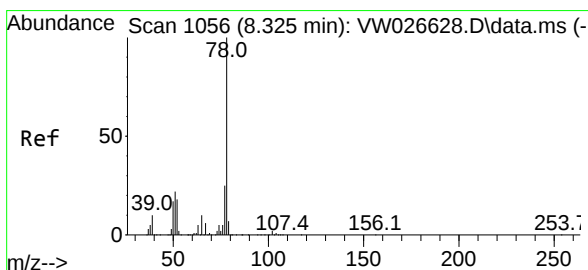
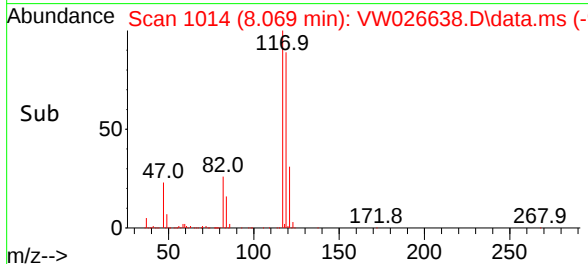
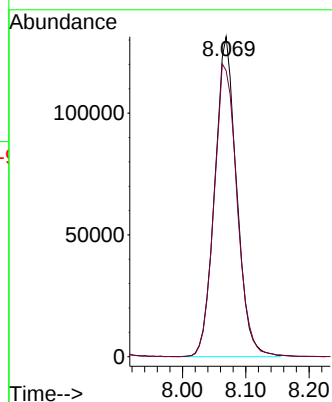
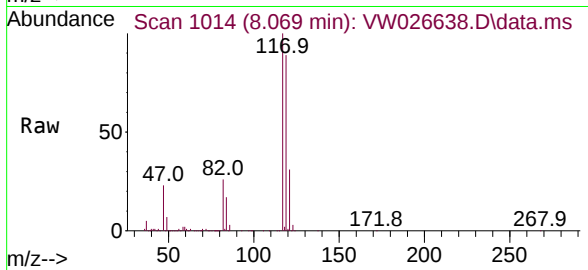
VSTD025566

Tgt Ion:117 Resp: 314921

Ion Ratio Lower Upper

117 100

119 96.6 77.1 115.7



#33

Benzene

Concen: 25.935 ug/L

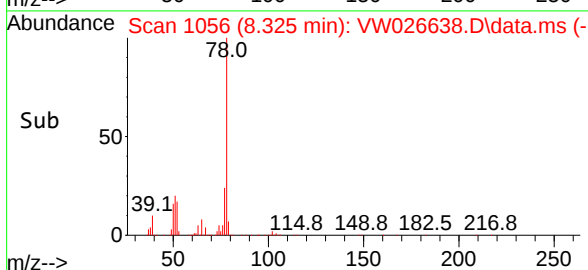
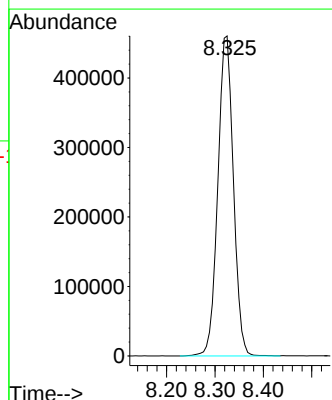
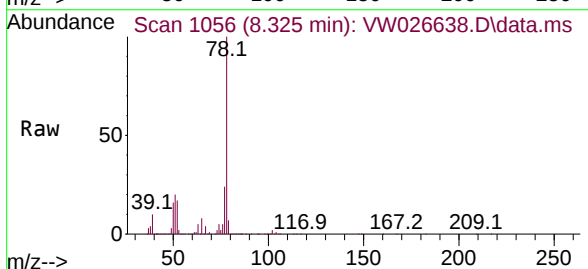
RT: 8.325 min Scan# 1056

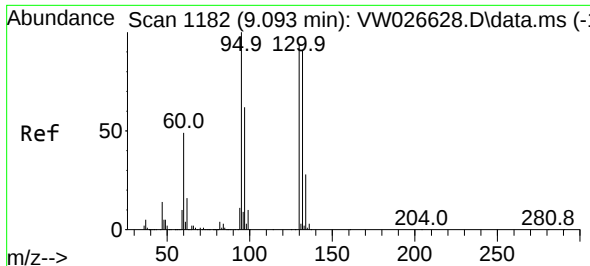
Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Tgt Ion: 78 Resp: 1028969

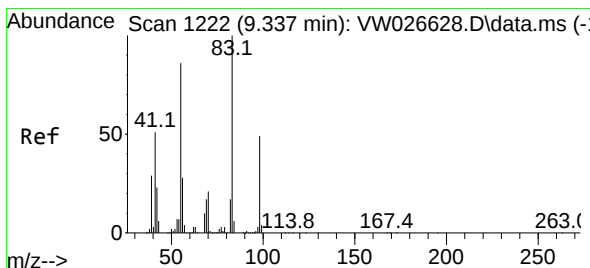
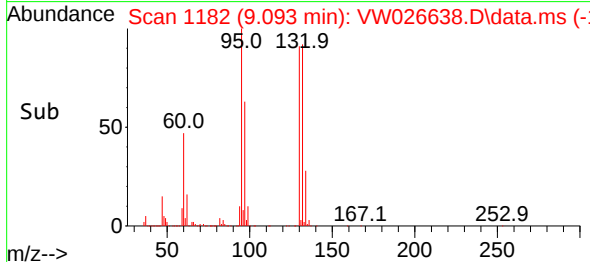
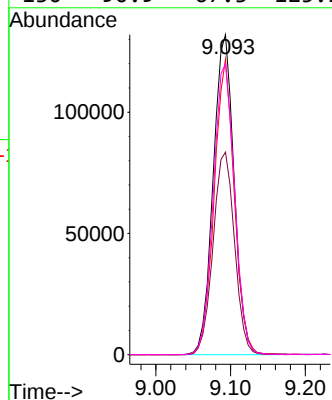
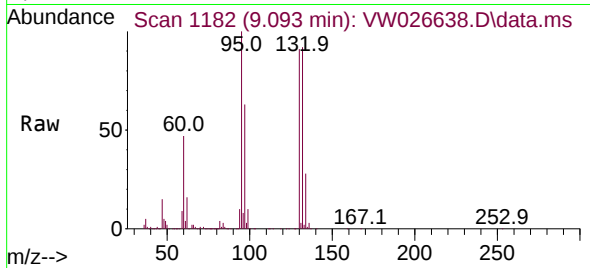




#34
Trichloroethene
Concen: 25.191 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

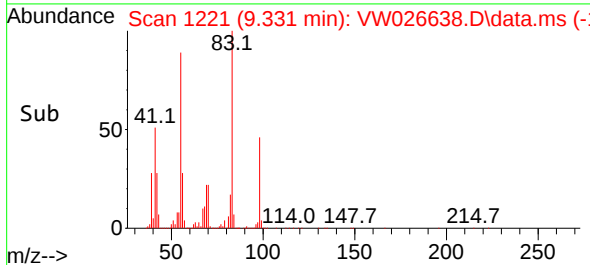
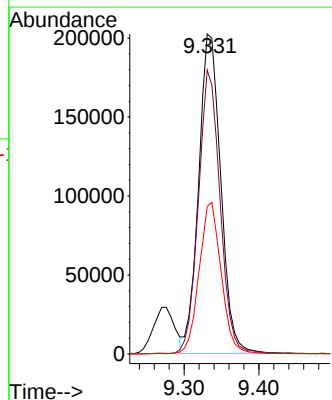
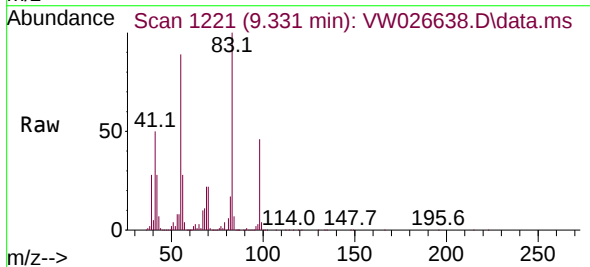
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

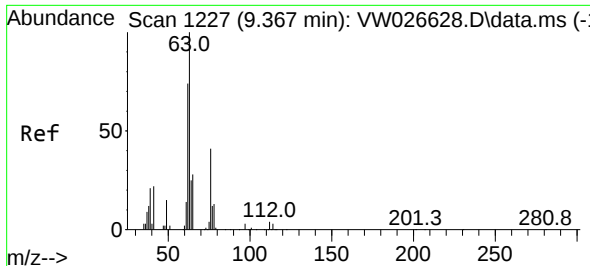
Tgt Ion: 95 Resp: 256735
Ion Ratio Lower Upper
95 100
97 63.3 47.9 88.9
132 92.4 65.0 120.8
130 90.9 67.3 125.1



#35
Methylcyclohexane
Concen: 22.763 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 83 Resp: 416558
Ion Ratio Lower Upper
83 100
55 86.8 68.7 103.1
98 47.1 37.3 55.9





#37

1,2-Dichloropropane

Concen: 26.080 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

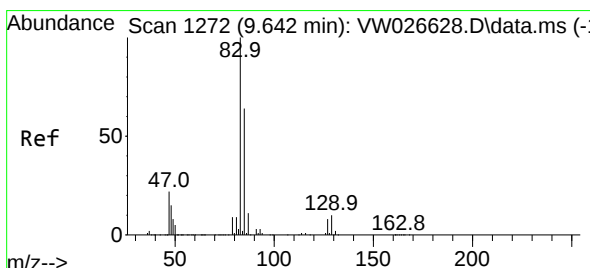
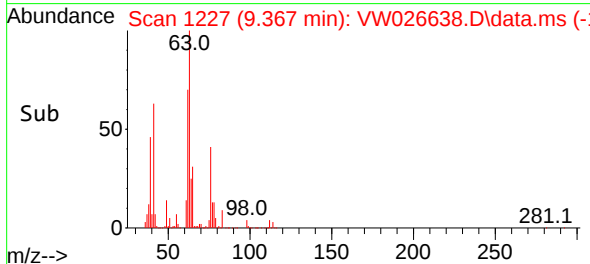
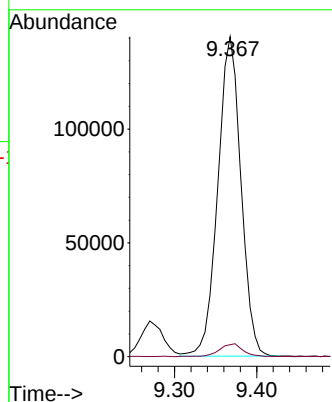
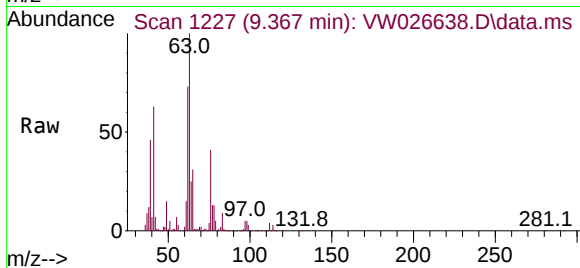
VSTD025566

Tgt Ion: 63 Resp: 274786

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 25.741 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

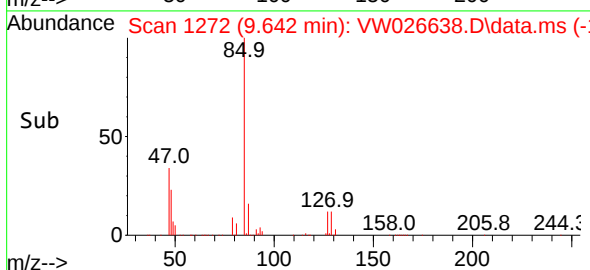
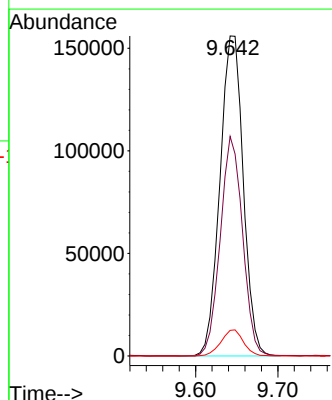
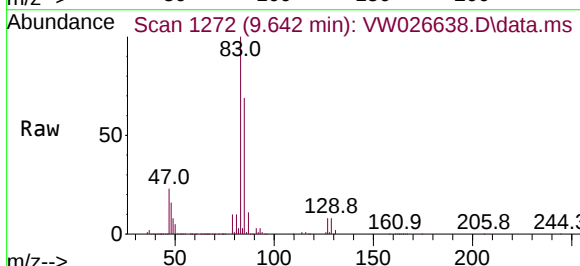
Tgt Ion: 83 Resp: 308144

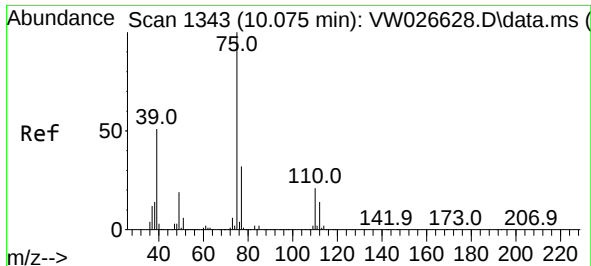
Ion Ratio Lower Upper

83 100

85 68.6 43.3 80.3

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.791 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

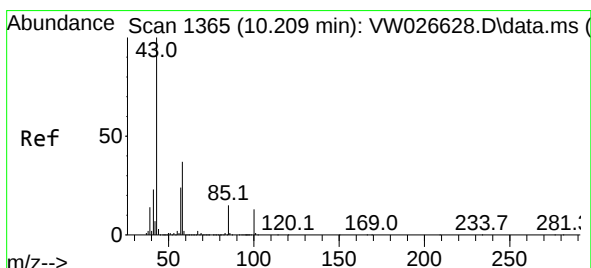
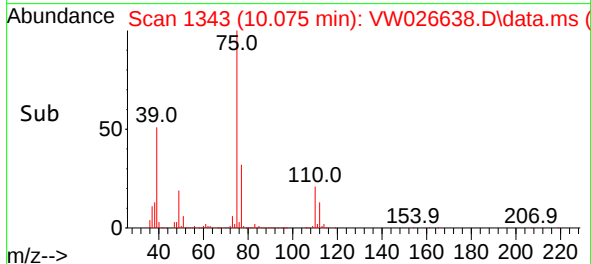
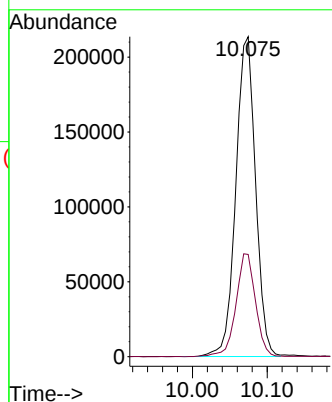
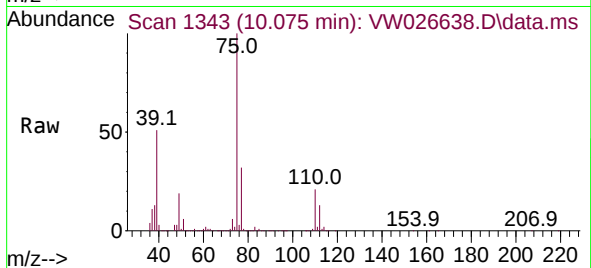
VSTD025566

Tgt Ion: 75 Resp: 391224

Ion Ratio Lower Upper

75 100

77 31.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 39.027 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

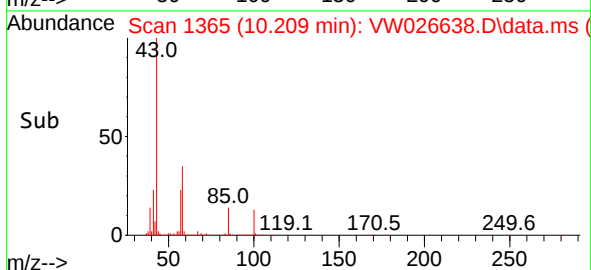
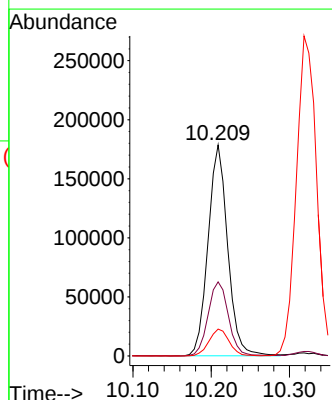
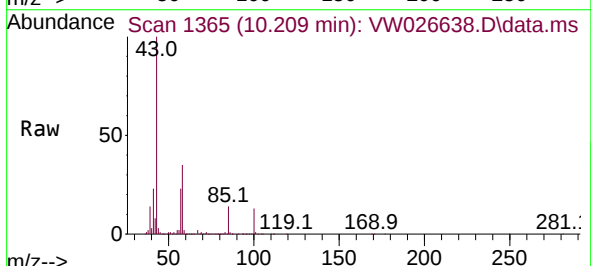
Tgt Ion: 43 Resp: 310364

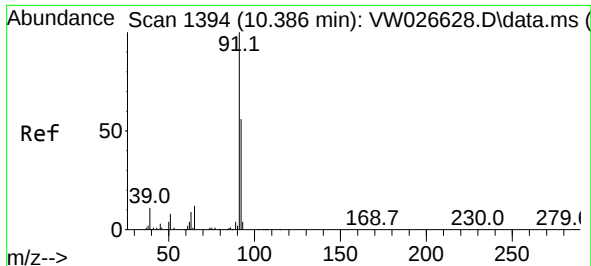
Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.8

100 13.1 10.7 16.1

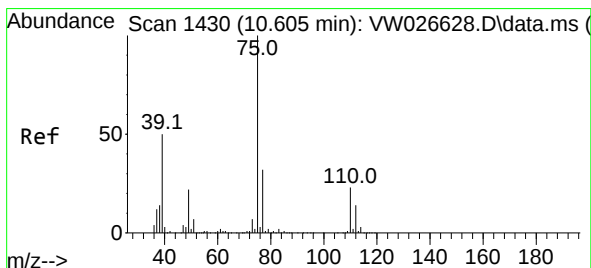
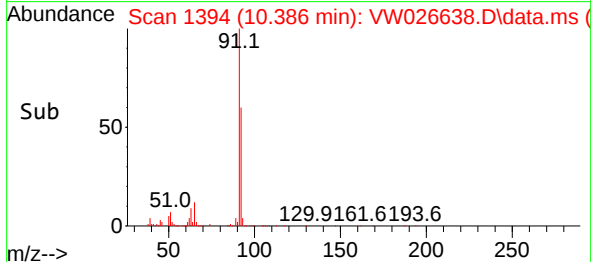
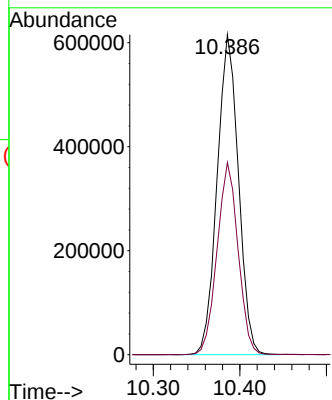
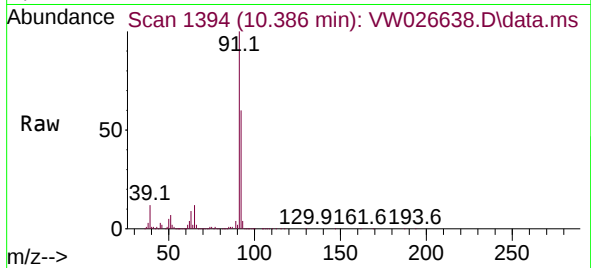




#42
Toluene
Concen: 26.218 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

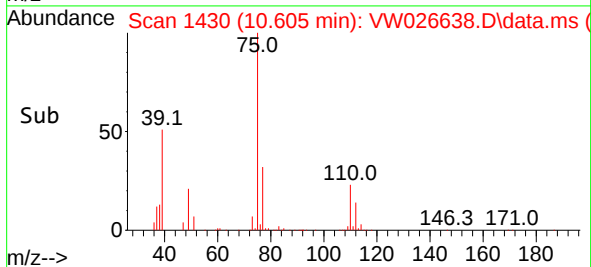
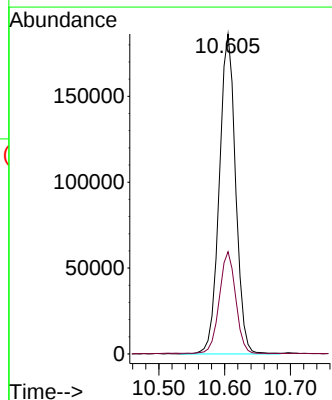
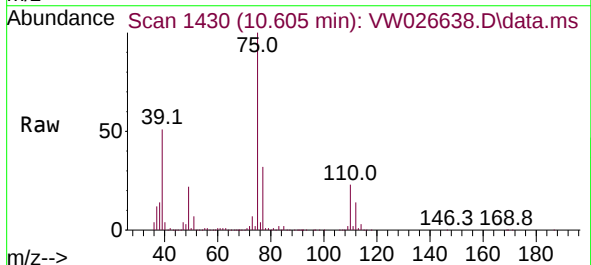
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

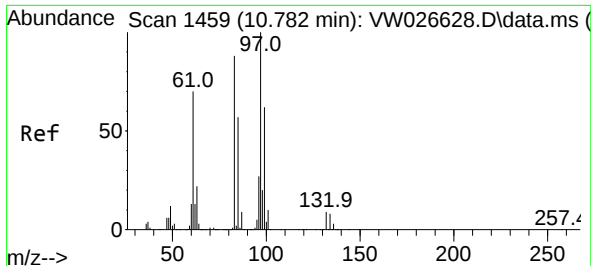
Tgt Ion: 91 Resp: 1050471
Ion Ratio Lower Upper
91 100
92 60.1 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.161 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 75 Resp: 321901
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.6

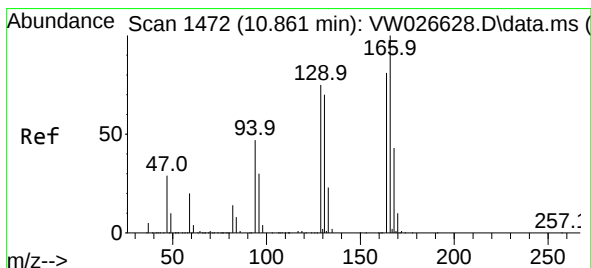
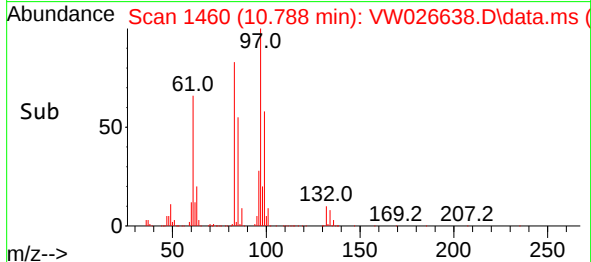
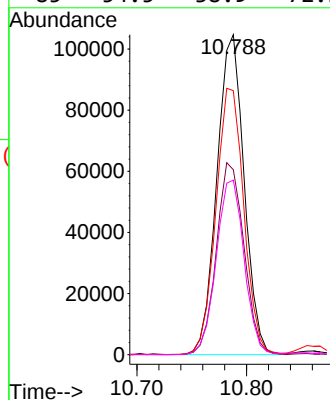
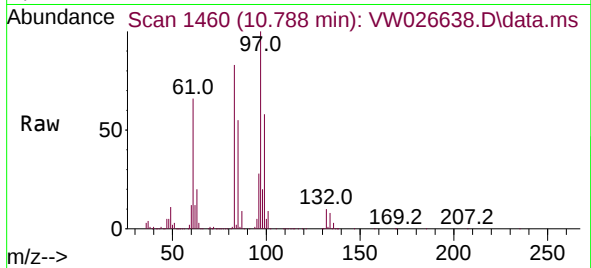




#45
1,1,2-Trichloroethane
Concen: 24.614 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

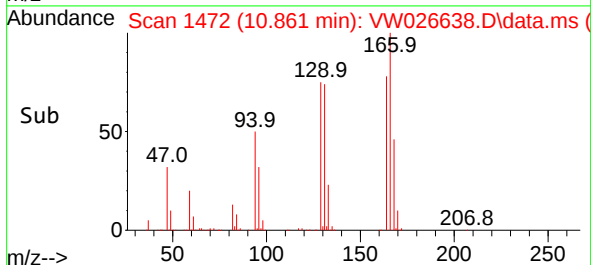
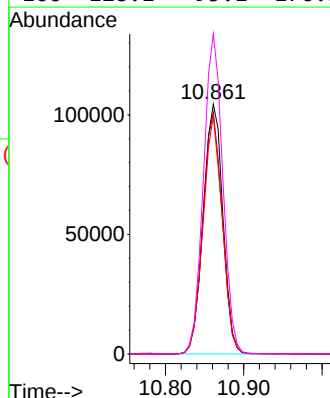
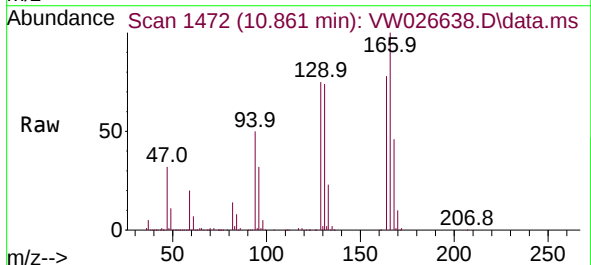
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

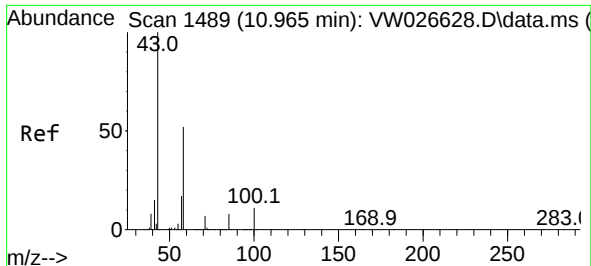
Tgt Ion: 97	Resp: 181006
Ion Ratio	Lower Upper
97 100	
99 57.8	40.5 75.3
83 82.5	61.0 113.2
85 54.5	38.9 72.3



#46
Tetrachloroethene
Concen: 25.144 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt	Ion:164	Resp:	181919
Ion	Ratio	Lower	Upper
164	100		
129	96.7	75.5	140.1
131	95.2	74.8	138.8
166	128.1	95.1	176.5

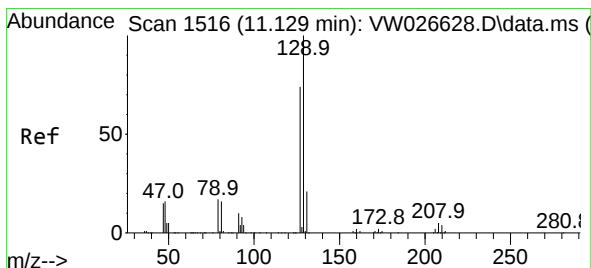
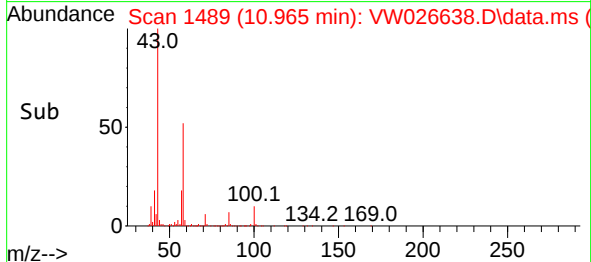
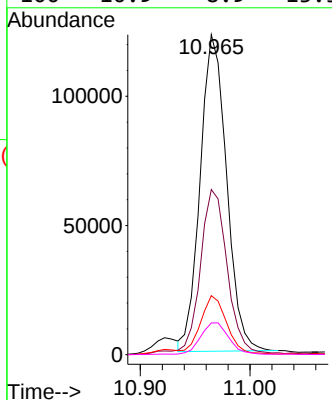
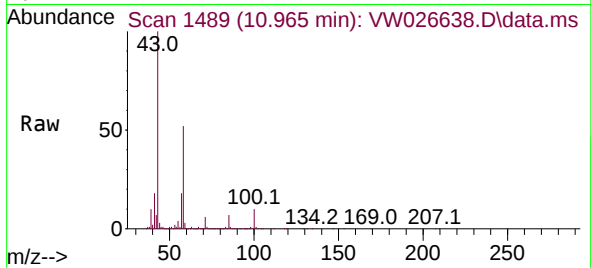




#48
2-Hexanone
Concen: 36.986 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

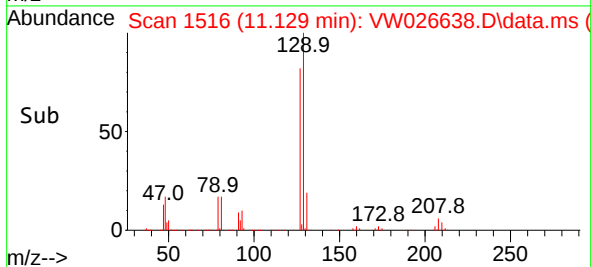
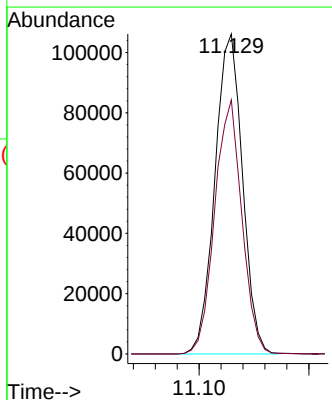
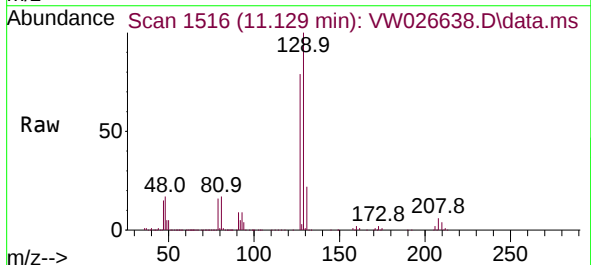
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

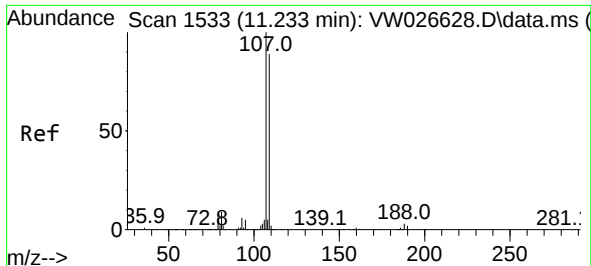
Tgt Ion:	43	Resp:	205271
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.1	63.1
57	18.7	14.8	22.2
100	10.9	8.9	13.3



#49
Dibromochloromethane
Concen: 25.479 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion:	129	Resp:	185526
Ion	Ratio	Lower	Upper
129	100		
127	79.4	51.2	95.2





#50

1,2-Dibromoethane

Concen: 23.170 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

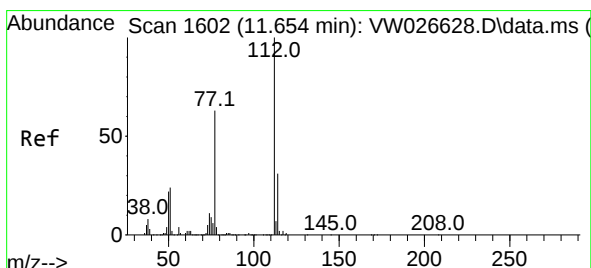
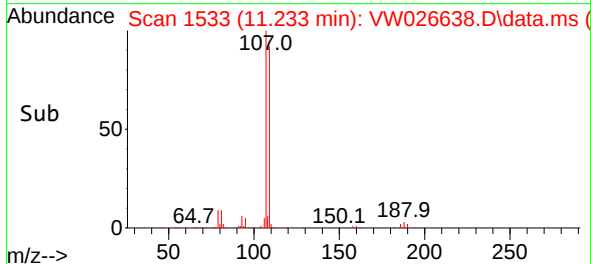
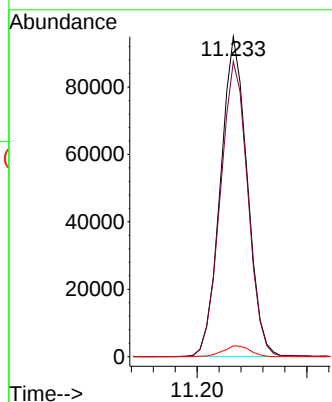
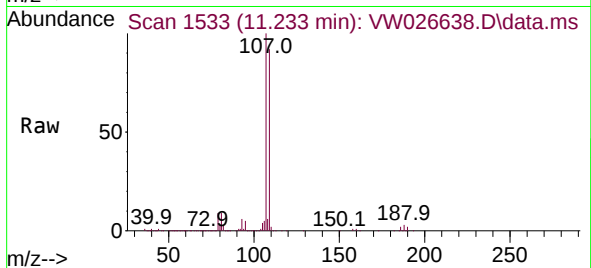
Tgt Ion:107 Resp: 160611

Ion Ratio Lower Upper

107 100

109 92.2 62.9 116.7

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 25.958 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

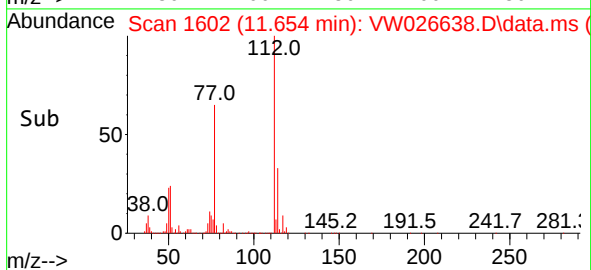
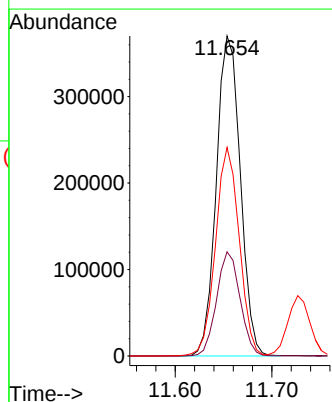
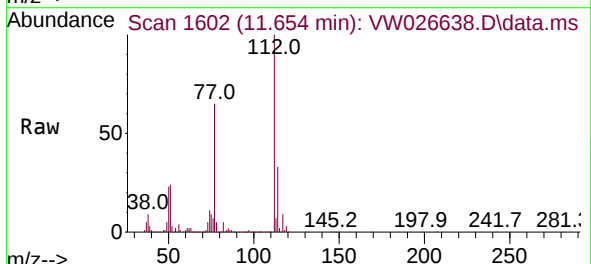
Tgt Ion:112 Resp: 637687

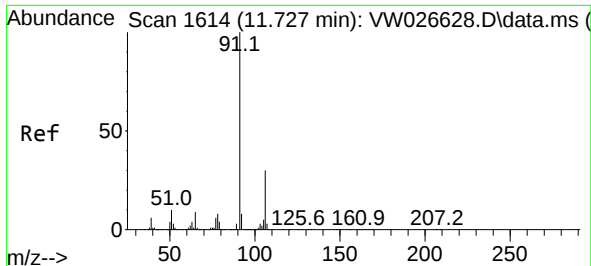
Ion Ratio Lower Upper

112 100

114 32.6 21.6 40.2

77 65.2 50.3 75.5

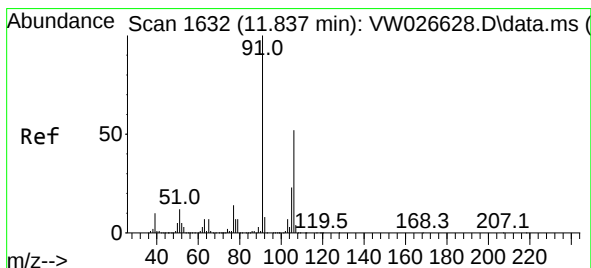
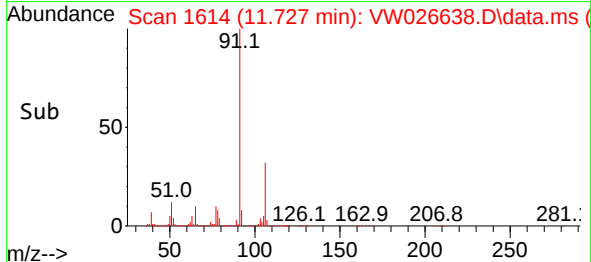
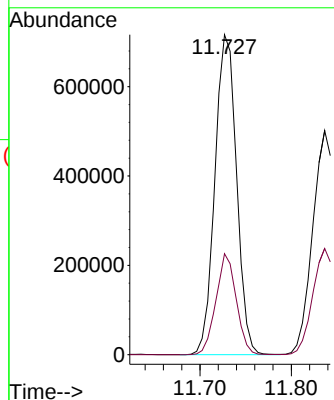
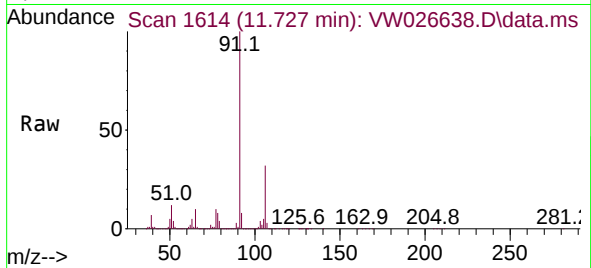




#52
Ethylbenzene
Concen: 26.434 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

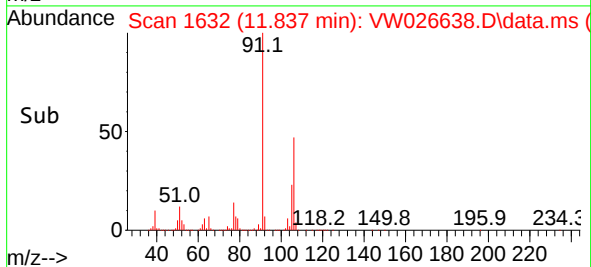
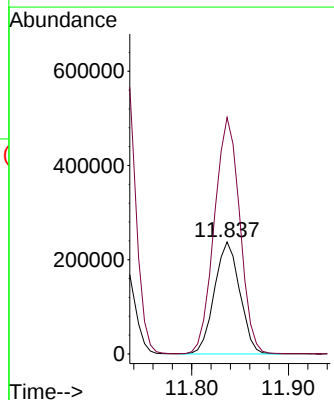
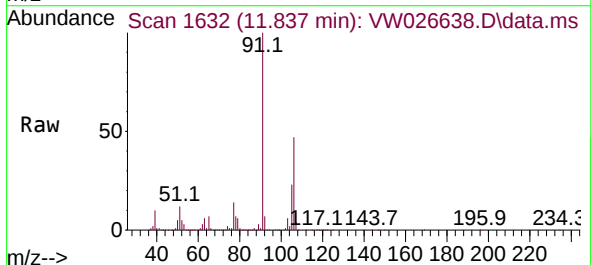
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

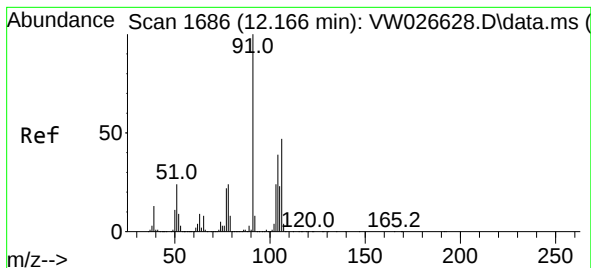
Tgt Ion: 91 Resp: 1179120
Ion Ratio Lower Upper
91 100
106 31.5 20.8 38.6



#53
m,p-Xylene
Concen: 26.726 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion:106 Resp: 433719
Ion Ratio Lower Upper
106 100
91 211.1 150.3 279.1

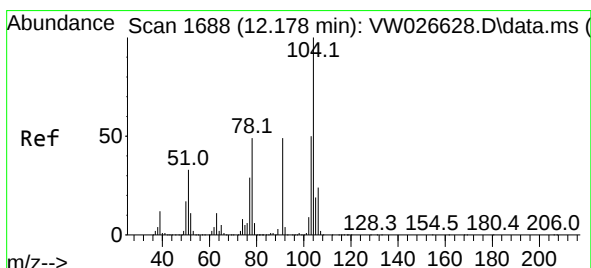
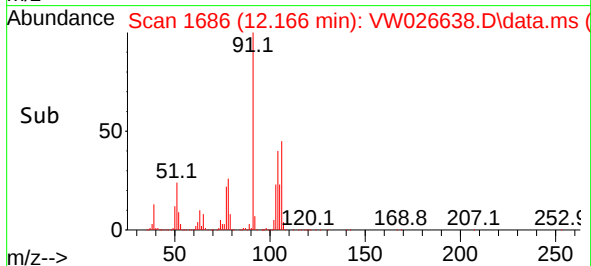
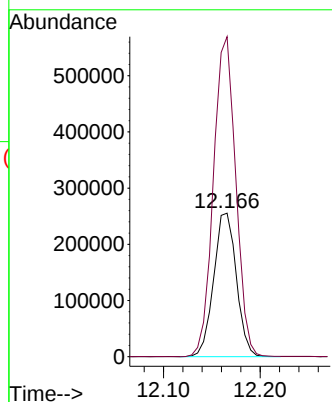
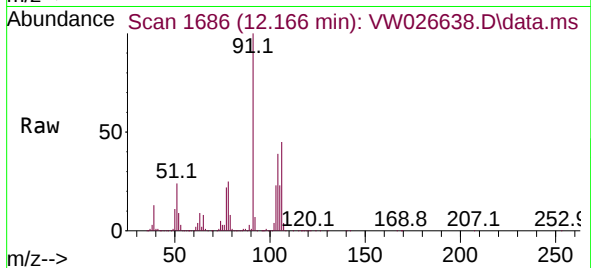




#54
o-Xylene
Concen: 27.311 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

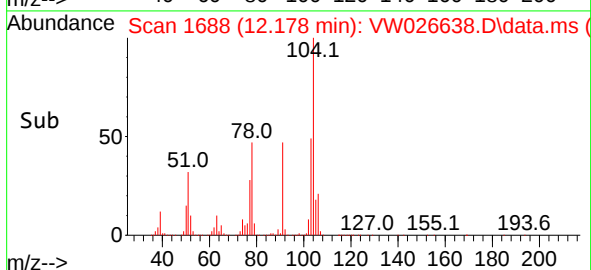
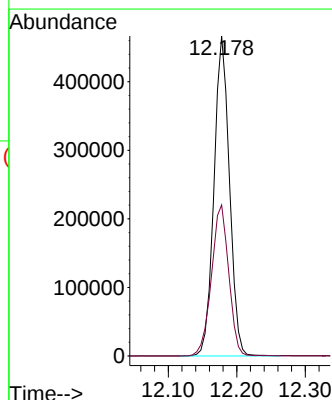
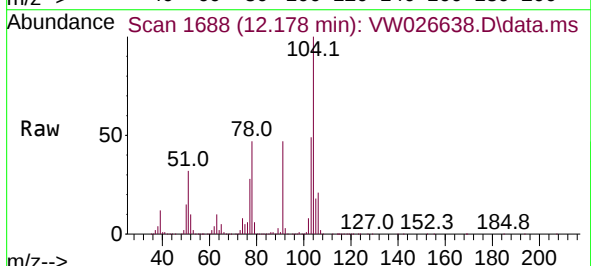
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

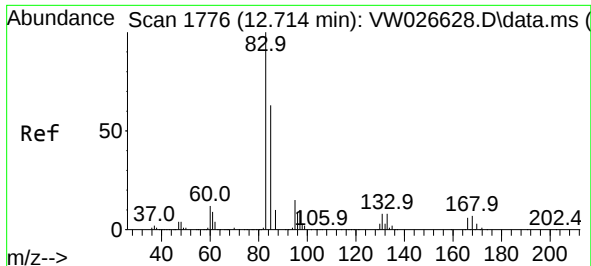
Tgt Ion:106 Resp: 416015
Ion Ratio Lower Upper
106 100
91 223.0 154.3 286.5



#55
Styrene
Concen: 28.446 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion:104 Resp: 730848
Ion Ratio Lower Upper
104 100
78 47.2 34.6 64.2





#57

1,1,2-Tetrachloroethane

Concen: 21.956 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

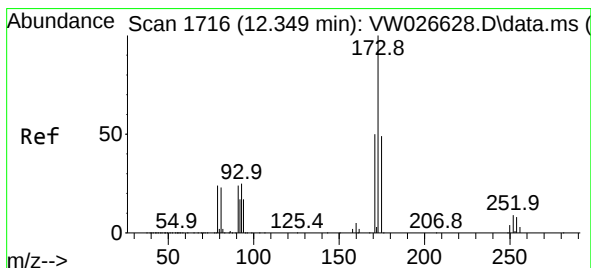
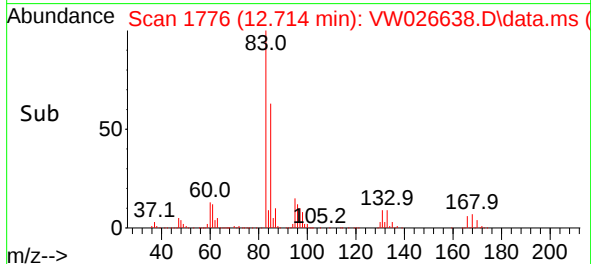
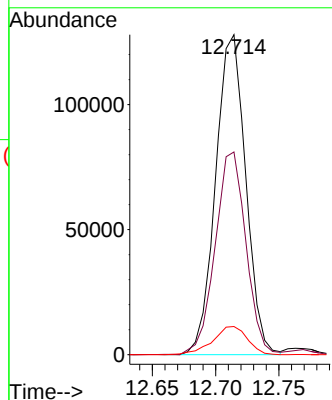
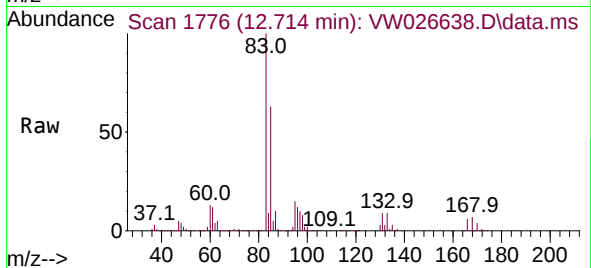
Tgt Ion: 83 Resp: 211893

Ion Ratio Lower Upper

83 100

85 63.3 46.2 85.8

131 8.8 7.2 10.8



#59

Bromoform

Concen: 22.243 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

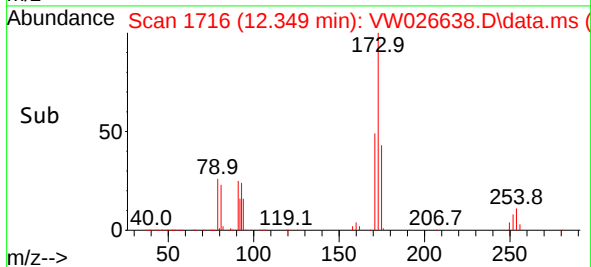
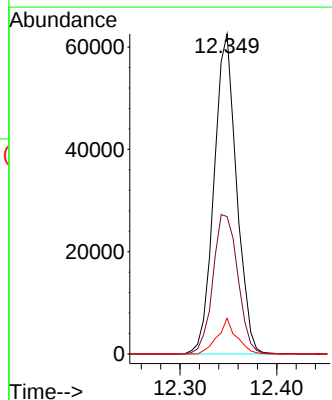
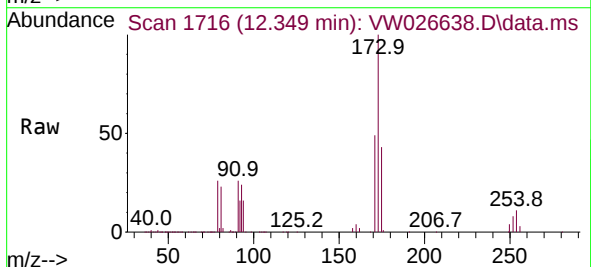
Tgt Ion:173 Resp: 101107

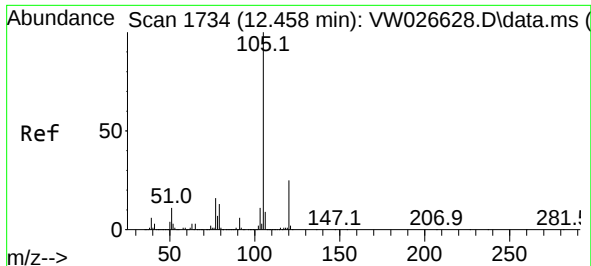
Ion Ratio Lower Upper

173 100

175 48.1 36.6 54.8

254 9.3 7.8 11.6

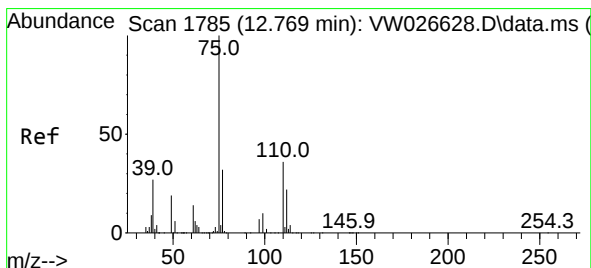
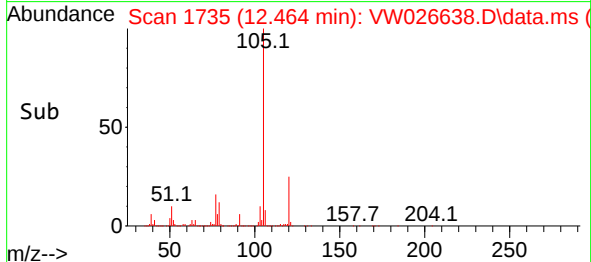
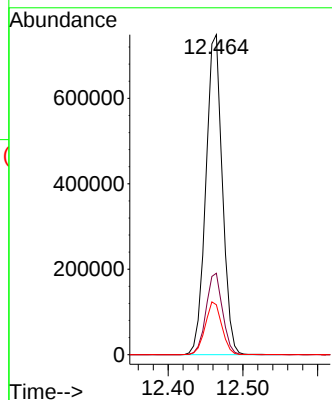
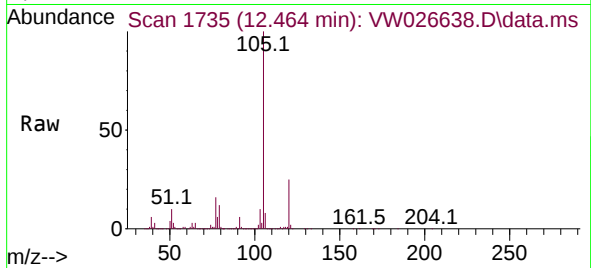




#60
Isopropylbenzene
Concen: 25.701 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

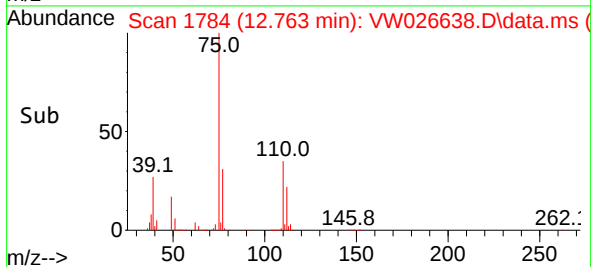
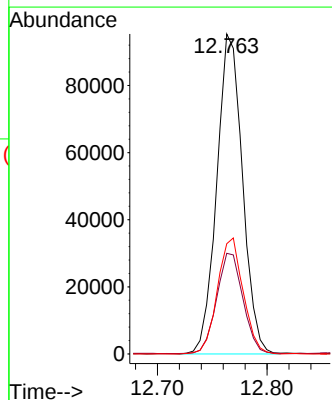
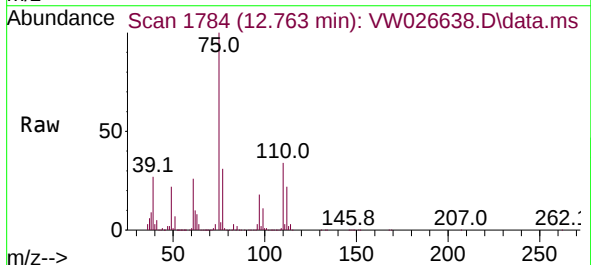
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

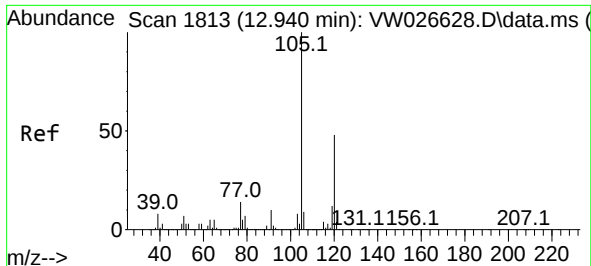
Tgt Ion:105 Resp: 1142850
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.7 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 20.055 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion: 75 Resp: 155684
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 36.2 28.3 42.5

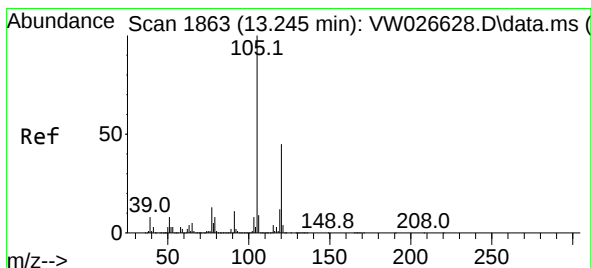
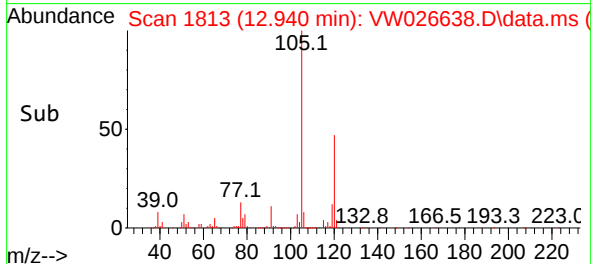
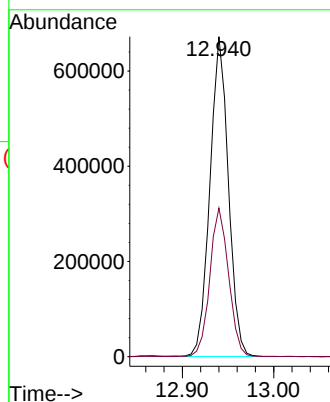
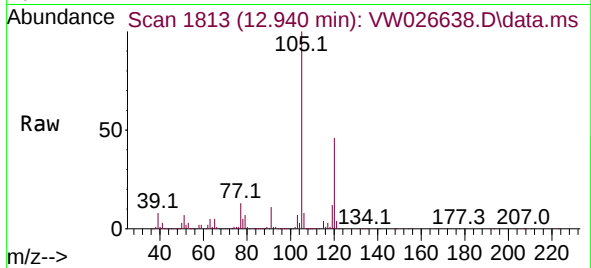




#62
1,3,5-Trimethylbenzene
Concen: 27.605 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

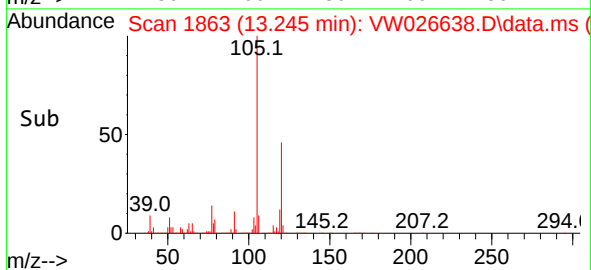
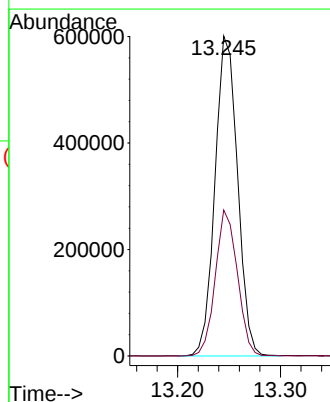
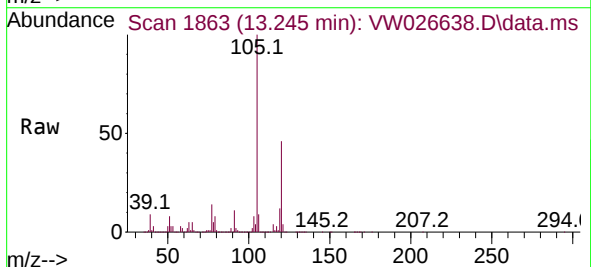
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

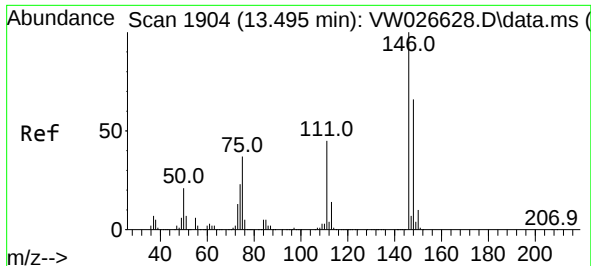
Tgt Ion:105 Resp: 941507
Ion Ratio Lower Upper
105 100
120 47.1 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.054 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion:105 Resp: 914816
Ion Ratio Lower Upper
105 100
120 44.6 35.2 52.8

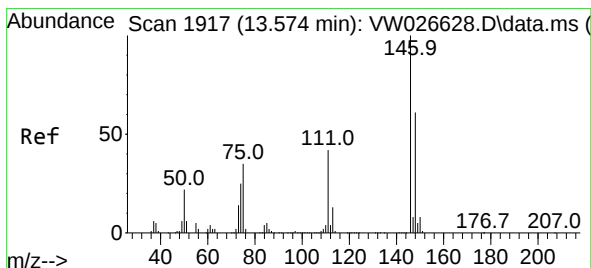
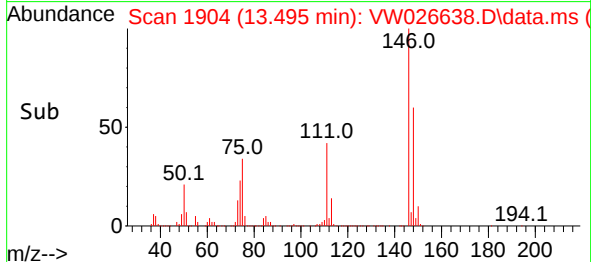
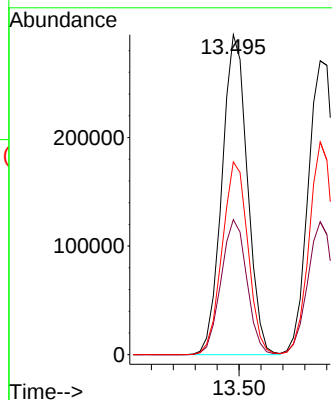
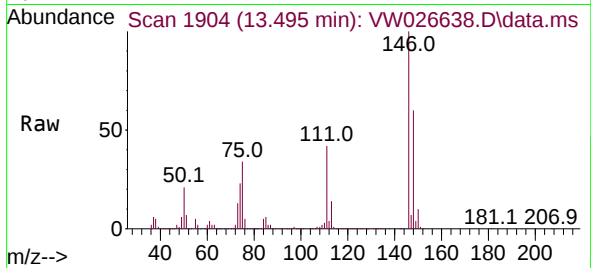




#64
1,3-Dichlorobenzene
Concen: 25.436 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

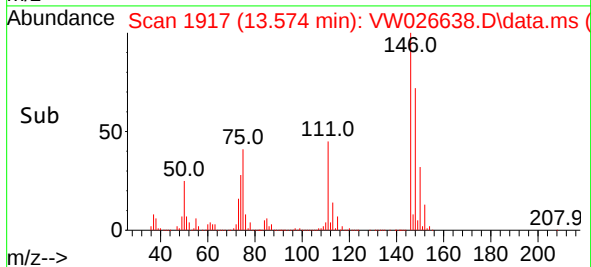
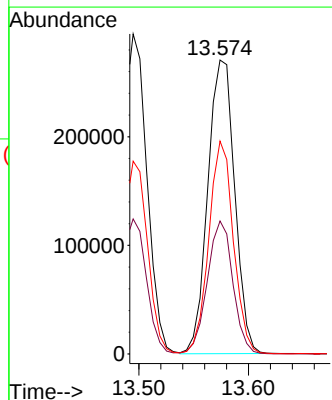
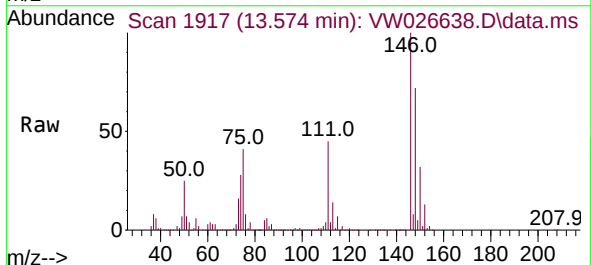
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

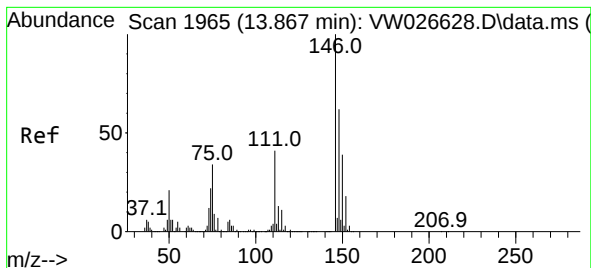
Tgt Ion:146 Resp: 474609
Ion Ratio Lower Upper
146 100
111 42.2 30.4 56.4
148 60.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 24.792 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026638.D
Acq: 21 Jul 2023 14:36

Tgt Ion:146 Resp: 461346
Ion Ratio Lower Upper
146 100
111 45.2 29.7 55.1
148 72.4 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 25.459 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

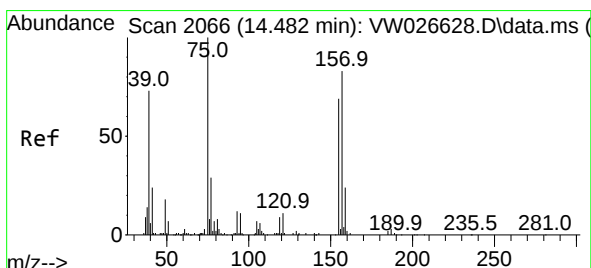
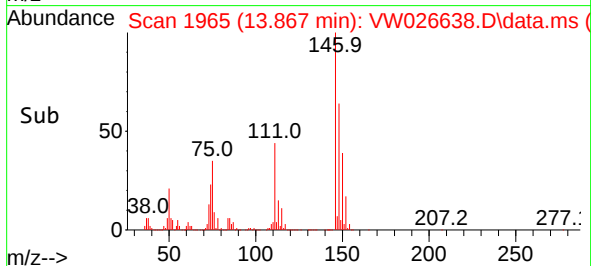
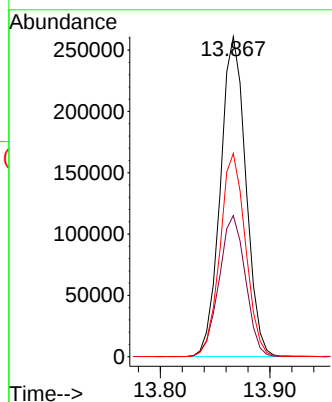
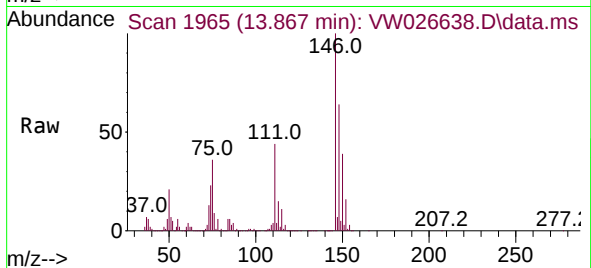
Tgt Ion:146 Resp: 420412

Ion Ratio Lower Upper

146 100

111 44.1 31.8 47.8

148 63.5 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 17.674 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

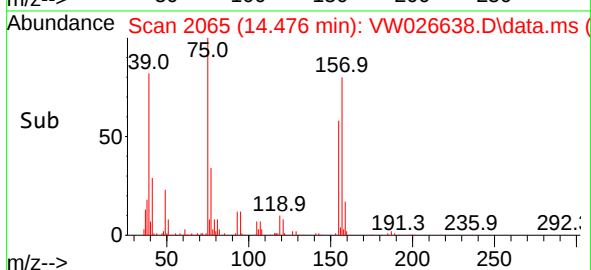
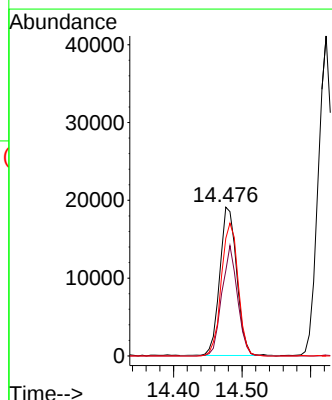
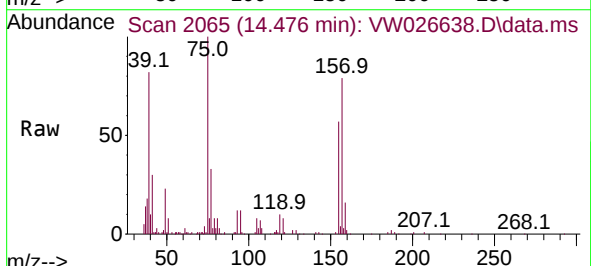
Tgt Ion: 75 Resp: 32655

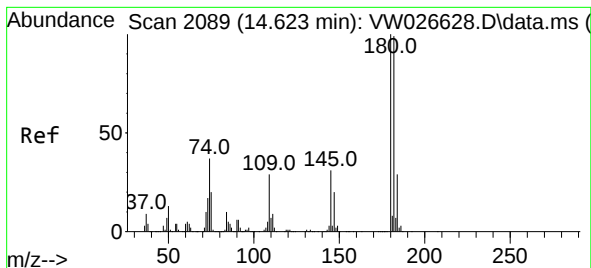
Ion Ratio Lower Upper

75 100

155 57.3 49.1 73.7

157 79.1 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 24.042 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion:180 Resp: 296863

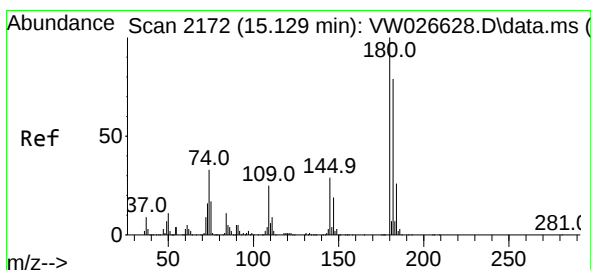
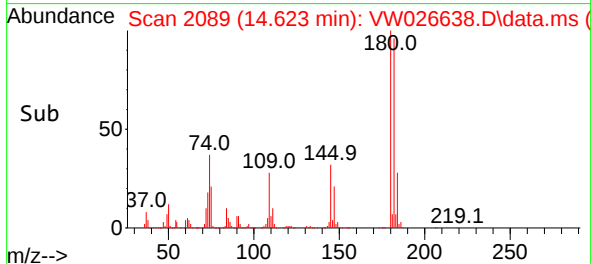
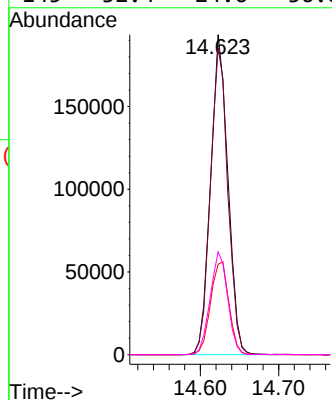
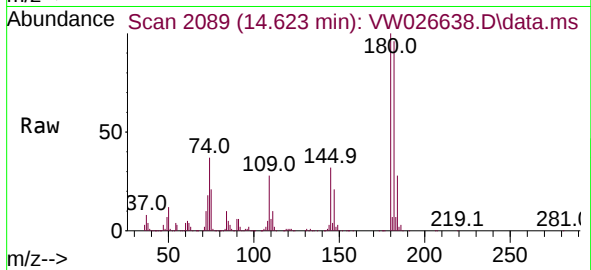
Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

184 30.9 23.7 35.5

145 32.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.247 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

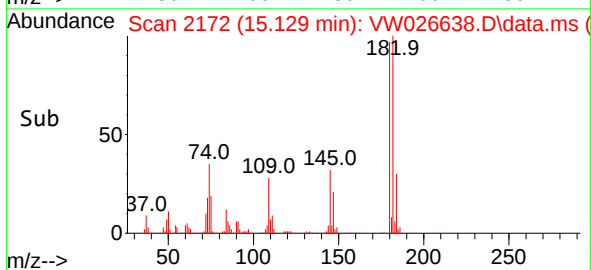
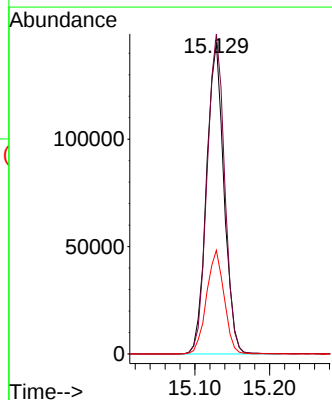
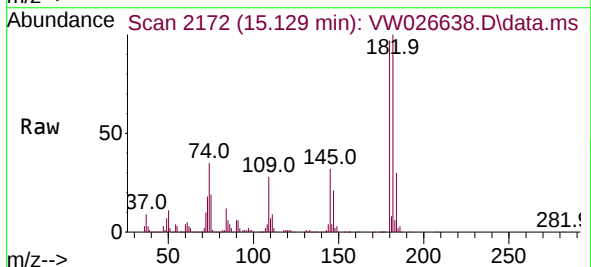
Tgt Ion:180 Resp: 235564

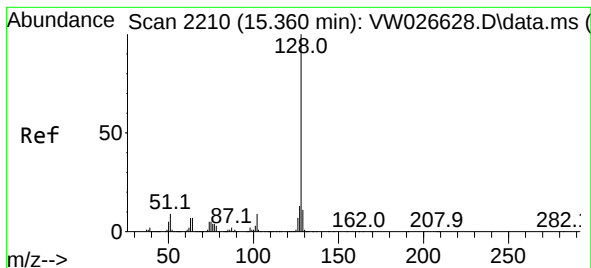
Ion Ratio Lower Upper

180 100

182 103.0 73.5 110.3

145 33.4 25.0 37.6





#71

Naphthalene

Concen: 20.435 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

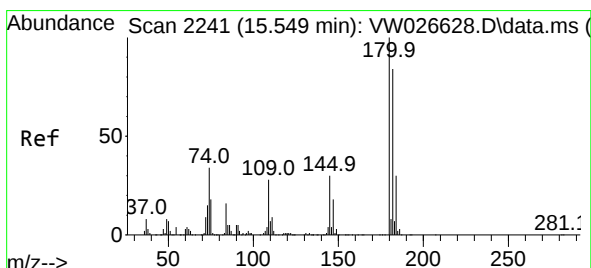
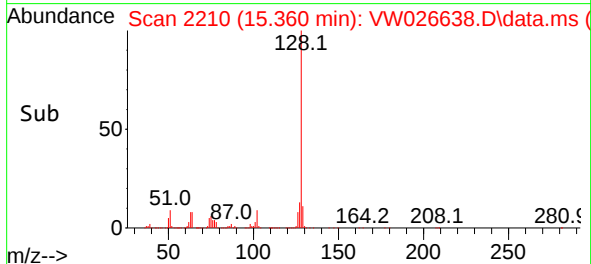
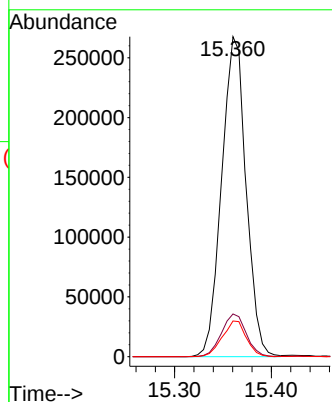
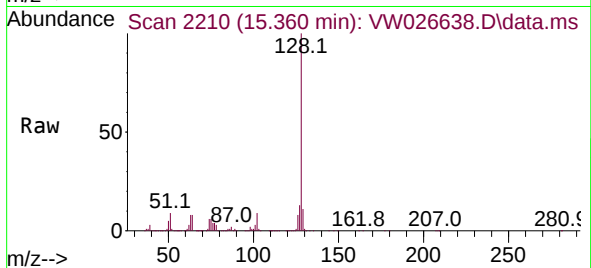
Tgt Ion:128 Resp: 468916

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.405 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026638.D

Acq: 21 Jul 2023 14:36

Tgt Ion:180 Resp: 223268

Ion Ratio Lower Upper

180 100

182 97.3 75.2 112.8

145 35.5 26.6 40.0

