

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026340.D
 Acq On : 27 Jun 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Jun 28 01:16:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	720280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	648068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	264906	25.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
7) Chloroethane-d5	2.893	69	175896	23.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	4.021	65	120306	25.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.560%
21) 2-Butanone-d5	7.081	46	120447	36.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.260%
24) Chloroform-d	7.648	84	490072	24.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	8.307	65	261543	22.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.240%
32) Benzene-d6	8.276	84	984665	24.547	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	9.276	67	307782	23.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.440%
41) Toluene-d8	10.325	98	870785	24.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	10.581	79	118621	22.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.680%
47) 2-Hexanone-d5	10.922	63	75316	37.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217315	21.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	243319	22.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	221320	25.562	ug/L #	85
3) Chloromethane	2.222	50	290889	23.235	ug/L	97
5) Vinyl chloride	2.375	62	315900	24.268	ug/L	100
6) Bromomethane	2.783	94	153478	21.481	ug/L	94
8) Chloroethane	2.930	64	155824	22.324	ug/L	98
9) Trichlorofluoromethane	3.271	101	223764	24.371	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	234775	23.620	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	228699	24.556	ug/L	94
13) Acetone	4.131	43	104578	39.729	ug/L	98
14) Carbon disulfide	4.387	76	804326	24.440	ug/L	100
15) Methyl Acetate	4.673	43	121023	20.056	ug/L	99
16) Methylene chloride	4.917	84	258099	21.175	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	245126	23.946	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	359725	22.468	ug/L	99
19) 1,1-Dichloroethane	6.216	63	505317	23.571	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	257875	23.311	ug/L	98
22) 2-Butanone	7.173	43	156047	38.745	ug/L	100
23) Bromochloromethane	7.514	128	109086	22.990	ug/L	95
25) Chloroform	7.679	83	464686	23.388	ug/L	100

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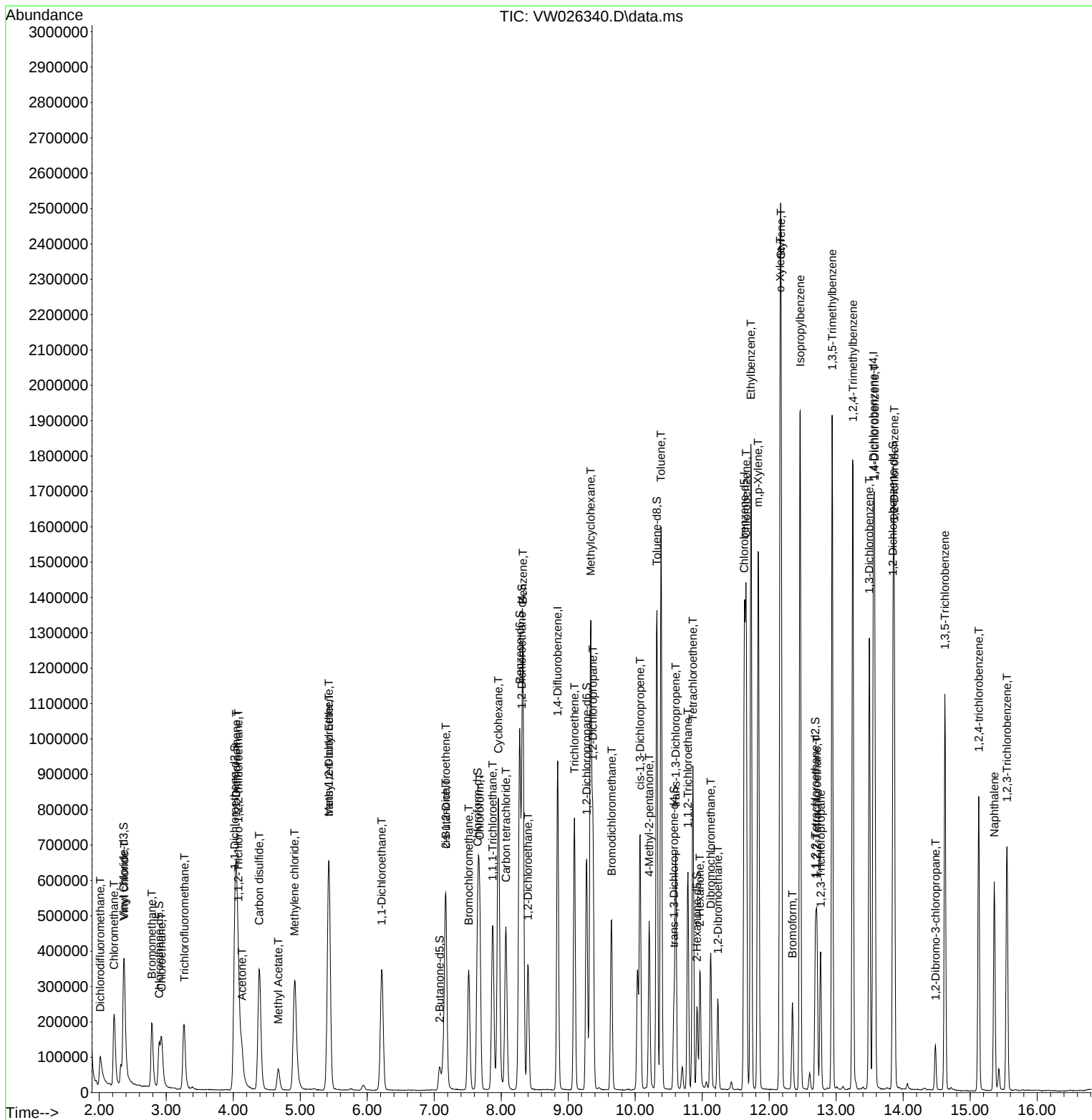
Instrument :
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 ClientSampleId :
 VSTD025536

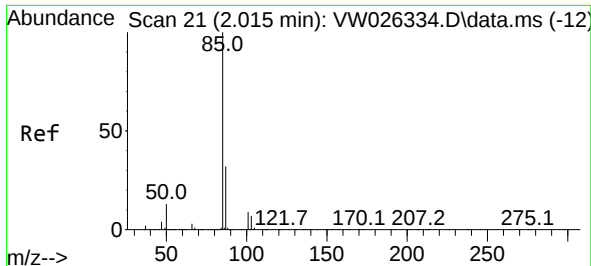
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 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:51:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323331	22.634	ug/L	95
29) Cyclohexane	7.959	56	478212	25.554	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	380517	24.271	ug/L	99
31) Carbon tetrachloride	8.069	117	340347	24.150	ug/L	99
33) Benzene	8.325	78	1056332	24.131	ug/L	100
34) Trichloroethene	9.093	95	266031	23.736	ug/L	98
35) Methylcyclohexane	9.337	83	487384	25.357	ug/L	99
37) 1,2-Dichloropropane	9.367	63	285805	23.368	ug/L	99
38) Bromodichloromethane	9.648	83	323492	23.032	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	417066	23.801	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	326460	41.354	ug/L	100
42) Toluene	10.386	91	1100808	25.067	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	345016	23.326	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	183332	22.388	ug/L	99
46) Tetrachloroethene	10.861	164	183513	23.240	ug/L	97
48) 2-Hexanone	10.965	43	224925	40.380	ug/L	99
49) Dibromochloromethane	11.129	129	196058	23.382	ug/L	100
50) 1,2-Dibromoethane	11.233	107	167917	22.335	ug/L	100
51) Chlorobenzene	11.654	112	672229	23.999	ug/L	96
52) Ethylbenzene	11.727	91	1225117	24.758	ug/L	98
53) m,p-Xylene	11.837	106	459437	25.459	ug/L	92
54) o-Xylene	12.166	106	426267	25.087	ug/L	90
55) Styrene	12.178	104	735432	24.816	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	220090	21.502	ug/L	98
59) Bromoform	12.349	173	106516	22.492	ug/L	96
60) Isopropylbenzene	12.464	105	1187991	25.250	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	161529	21.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	944766	25.904	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	935310	26.589	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	473627	23.503	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	484854	24.042	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	427037	23.793	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	33574	19.143	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	309667	23.914	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	245004	23.120	ug/L	98
71) Naphthalene	15.360	128	463776	21.771	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	219530	22.188	ug/L	96

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

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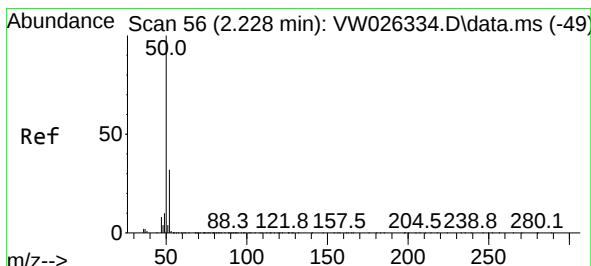
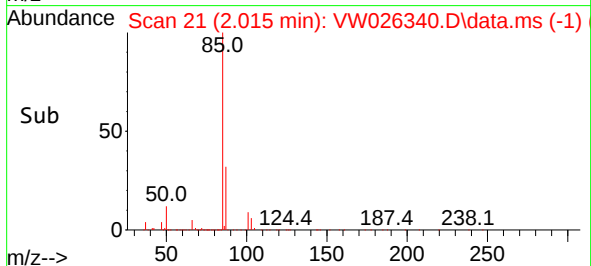
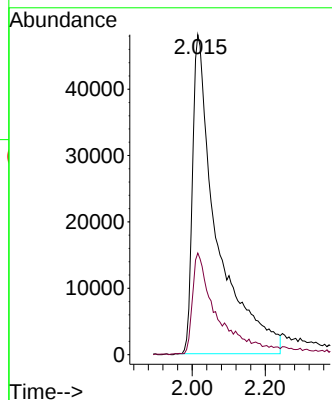
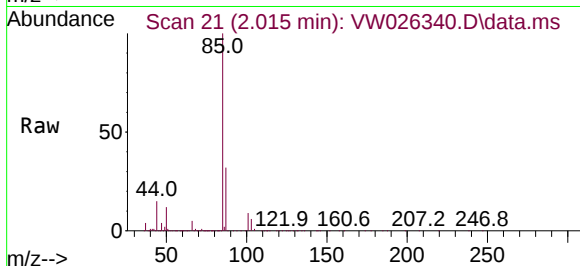




#2
 Dichlorodifluoromethane
 Concen: 25.562 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

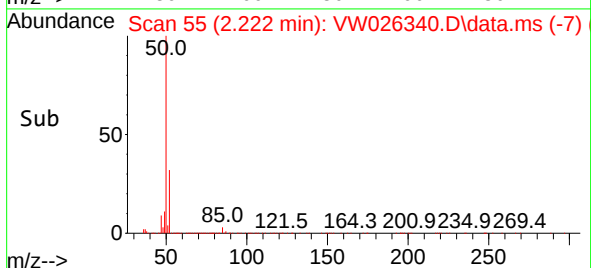
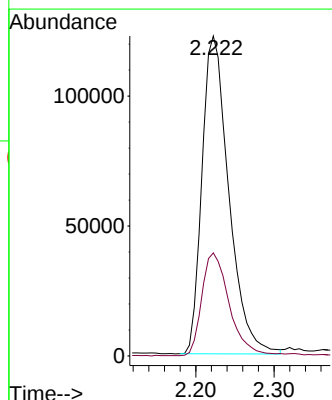
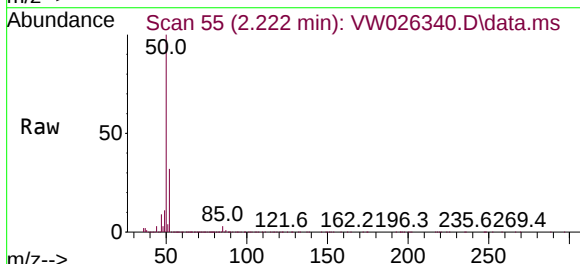
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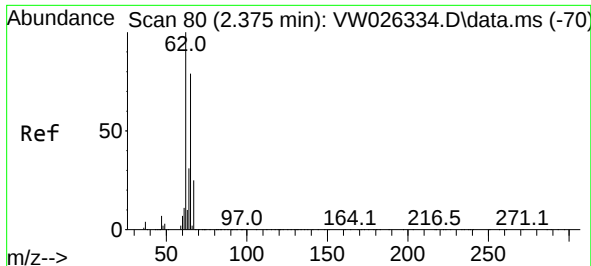
Tgt Ion: 85 Resp: 221320
 Ion Ratio Lower Upper
 85 100
 87 23.1 25.2 37.8#



#3
 Chloromethane
 Concen: 23.235 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

Tgt Ion: 50 Resp: 290889
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.4 39.8

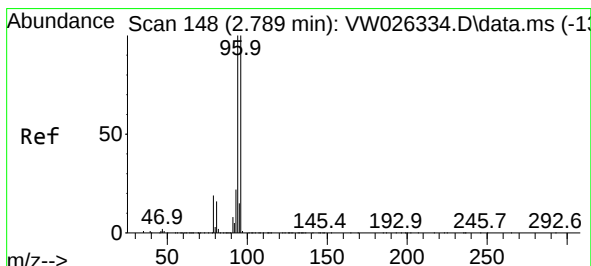
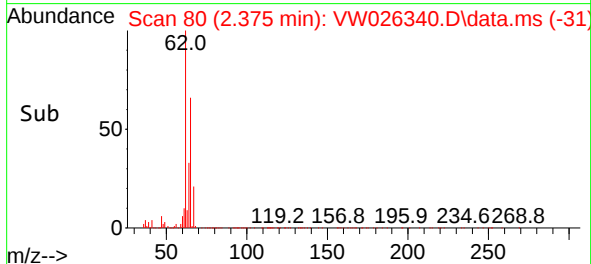
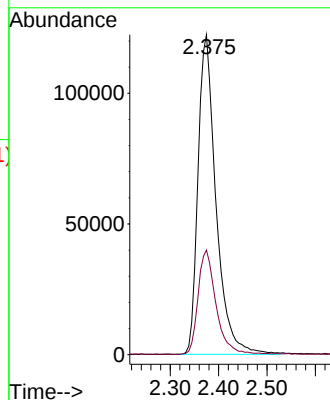
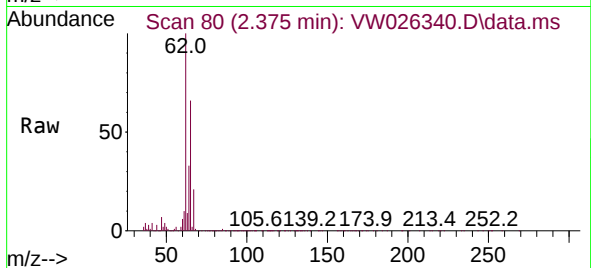




#5
 Vinyl chloride
 Concen: 24.268 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

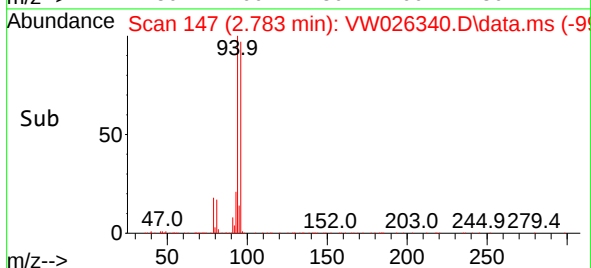
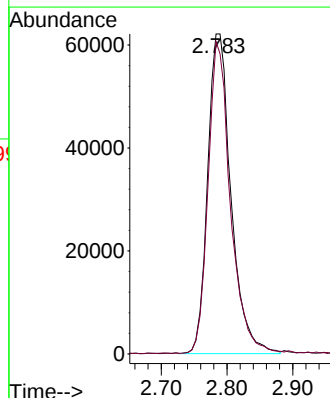
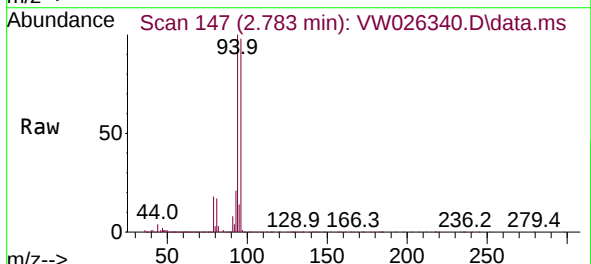
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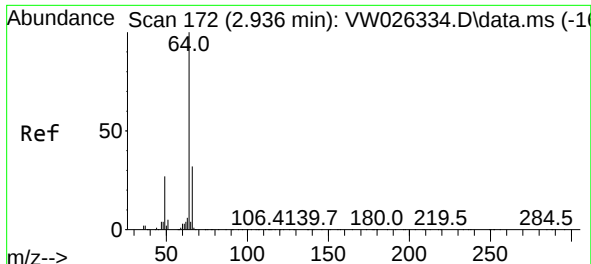
Tgt Ion: 62 Resp: 315900
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 21.481 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

Tgt Ion: 94 Resp: 153478
 Ion Ratio Lower Upper
 94 100
 96 97.6 64.6 120.0

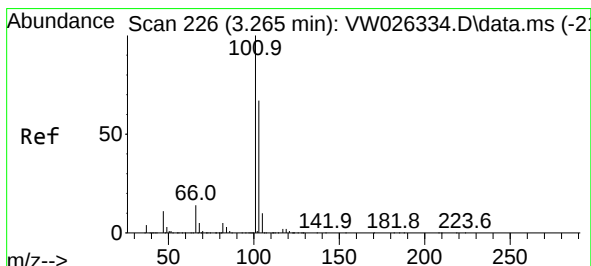
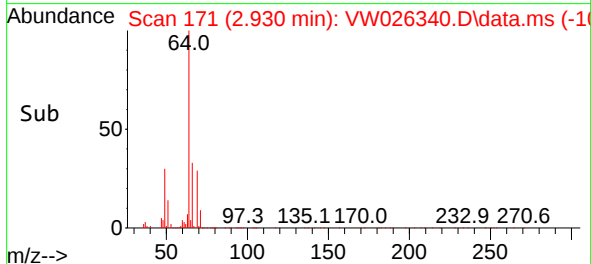
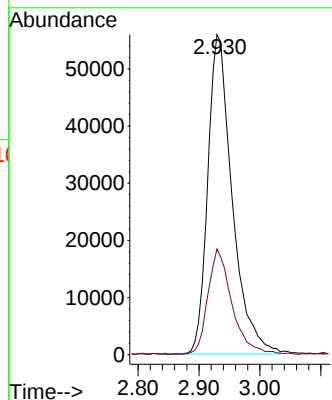
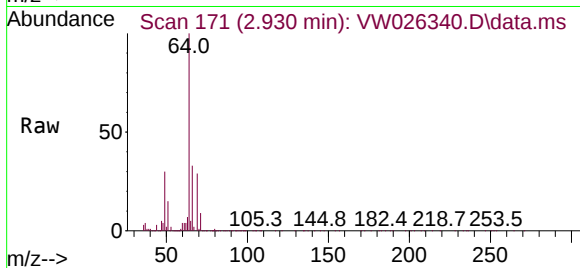




#8
Chloroethane
Concen: 22.324 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

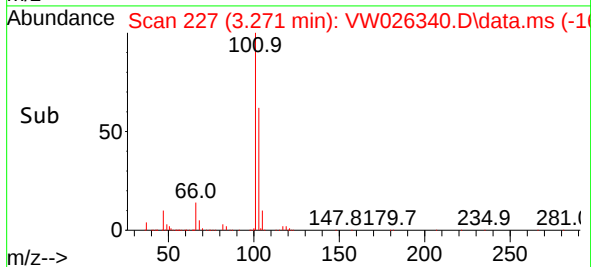
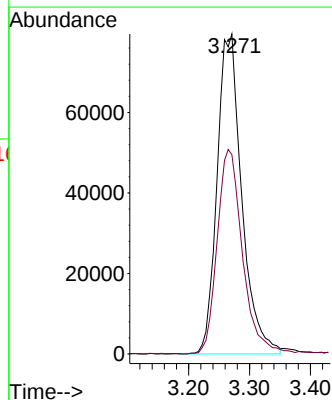
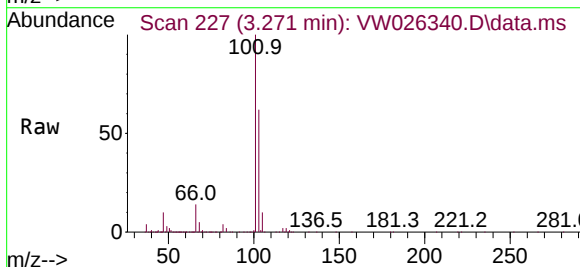
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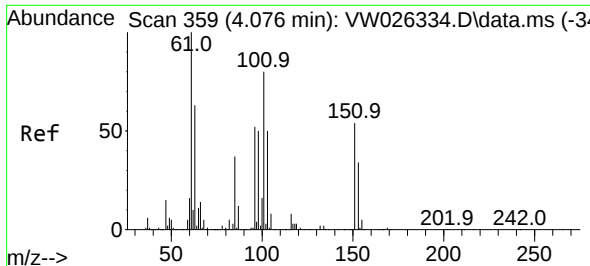
Tgt Ion: 64 Resp: 155824
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 24.371 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 101 Resp: 223764
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

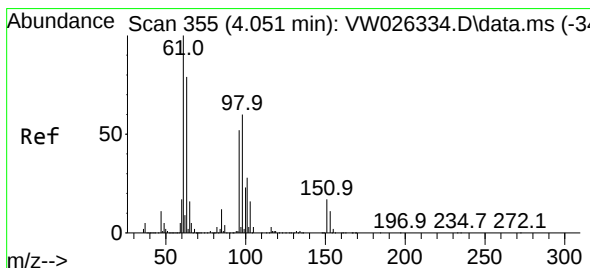
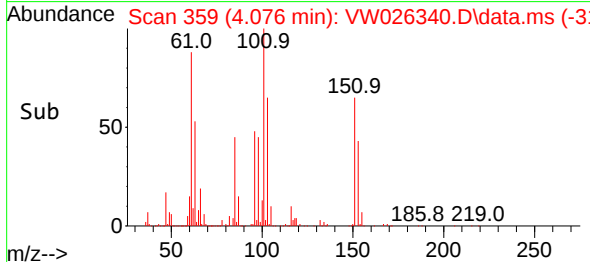
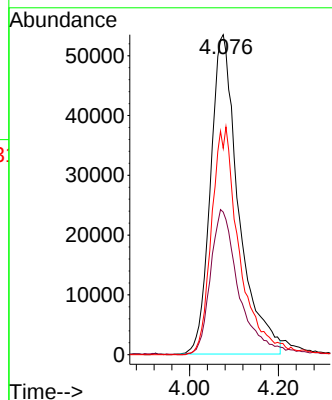
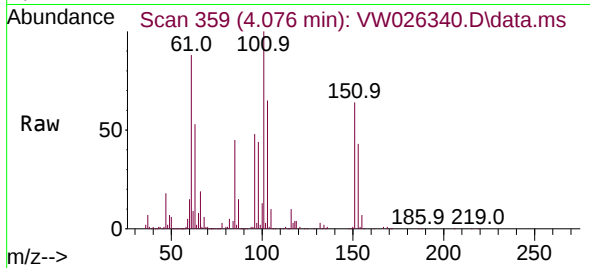




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.620 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

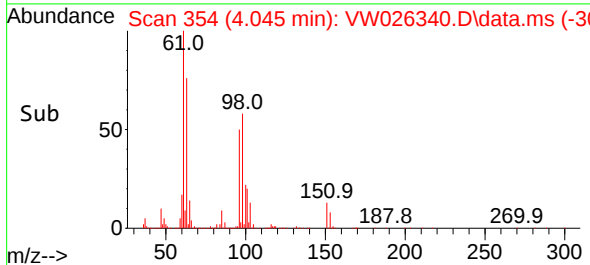
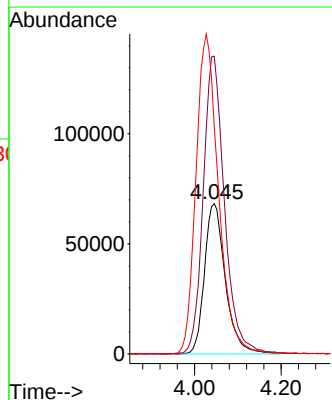
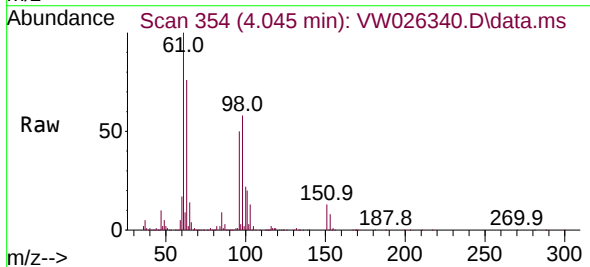
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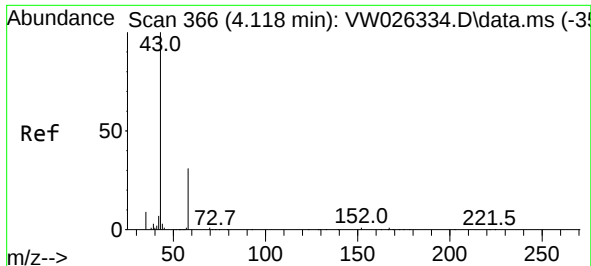
Tgt Ion:101 Resp: 234775
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.4 53.0
 151 31.8 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 24.556 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026340.D
 Acq: 27 Jun 2023 08:52

Tgt Ion: 96 Resp: 228699
 Ion Ratio Lower Upper
 96 100
 61 198.2 134.3 249.3
 63 151.1 112.3 208.5

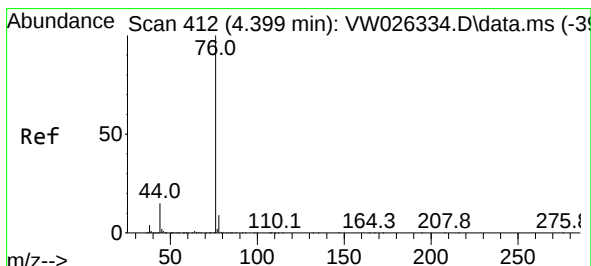
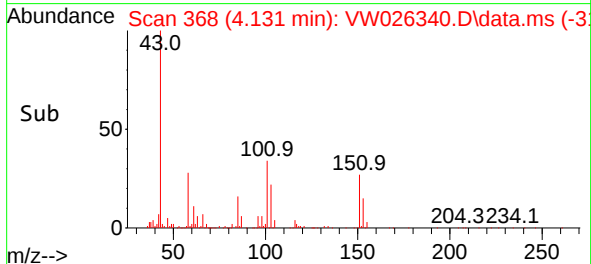
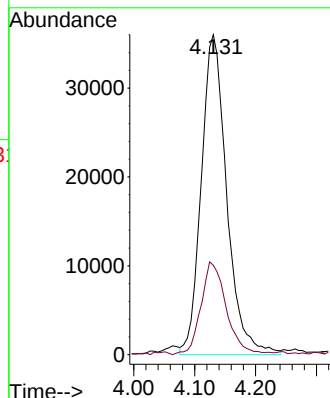
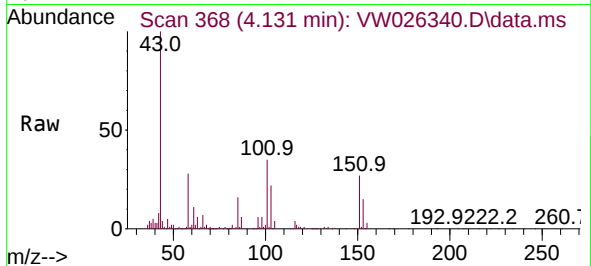




#13
Acetone
Concen: 39.729 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

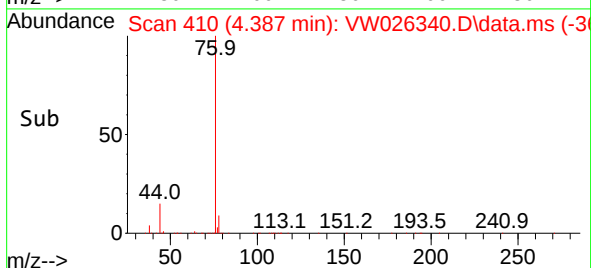
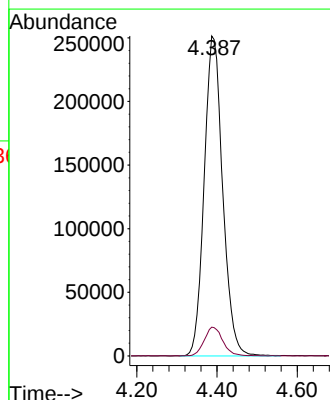
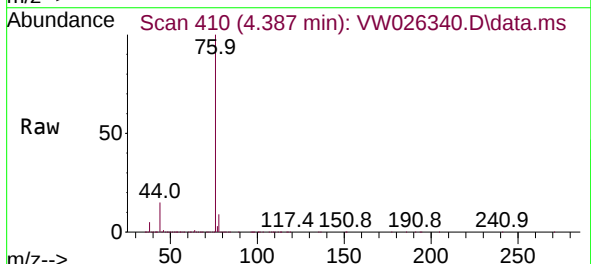
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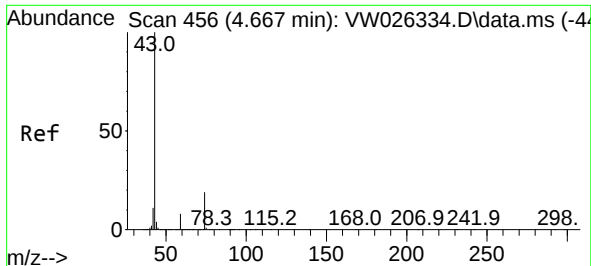
Tgt Ion: 43 Resp: 104578
Ion Ratio Lower Upper
43 100
58 28.8 0.0 55.8



#14
Carbon disulfide
Concen: 24.440 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 76 Resp: 804326
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

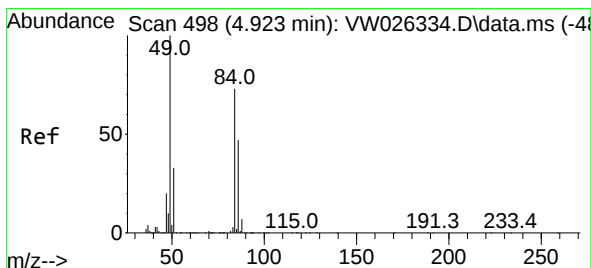
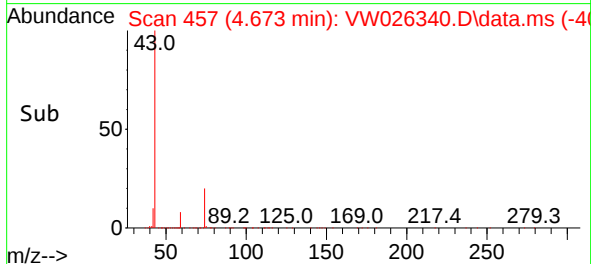
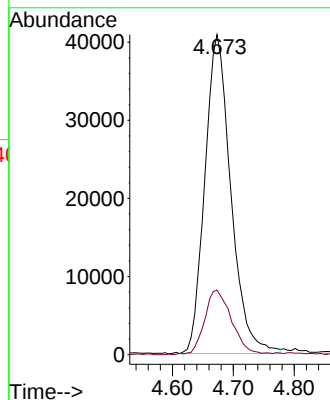
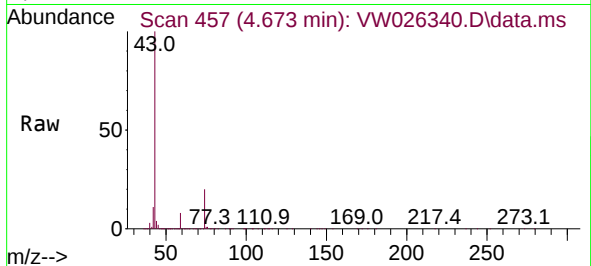




#15
Methyl Acetate
Concen: 20.056 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

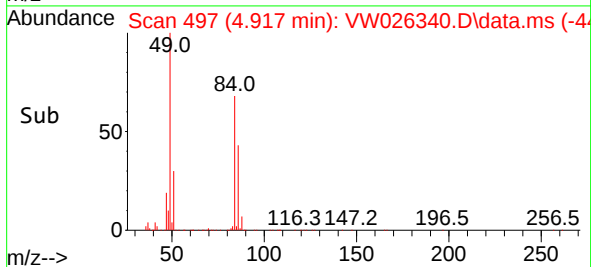
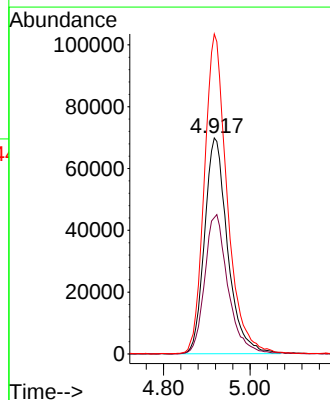
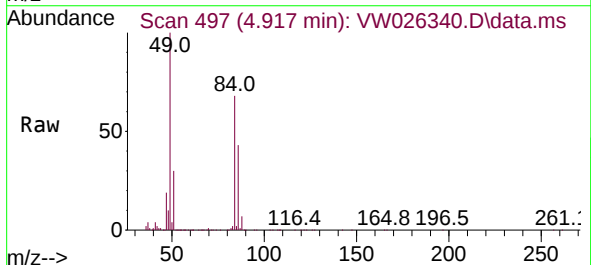
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

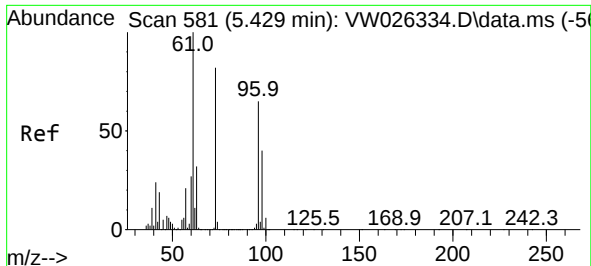
Tgt Ion: 43 Resp: 121023
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#16
Methylene chloride
Concen: 21.175 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 84 Resp: 258099
Ion Ratio Lower Upper
84 100
86 63.1 43.9 81.5
49 148.1 100.4 186.4

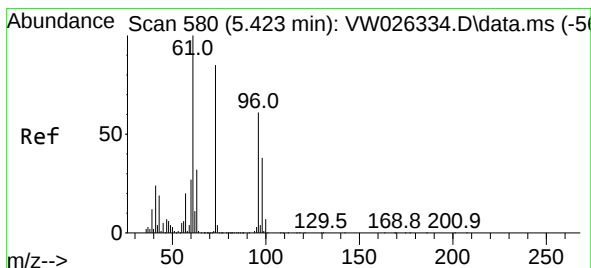
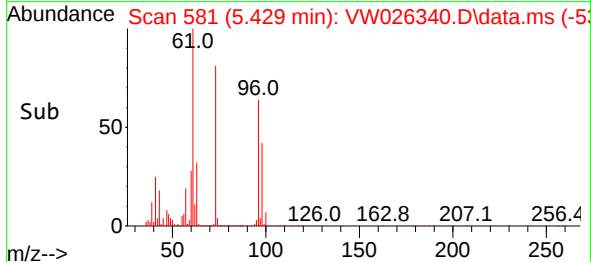
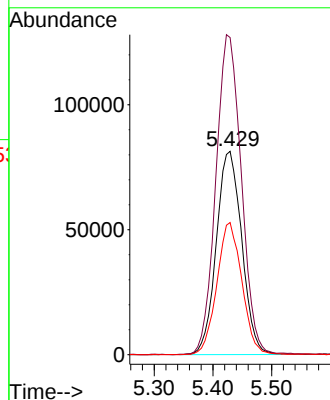
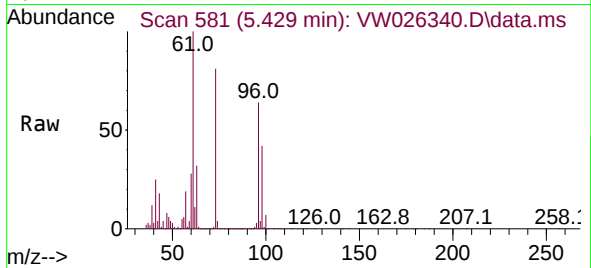




#17
trans-1,2-Dichloroethene
Concen: 23.946 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

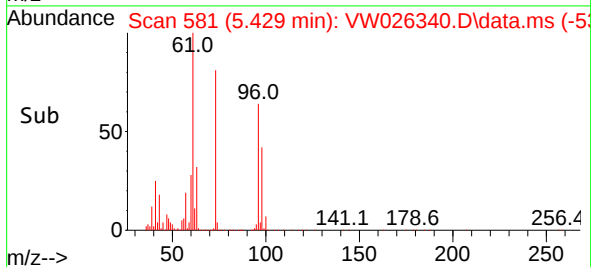
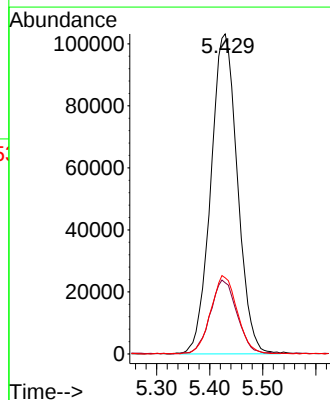
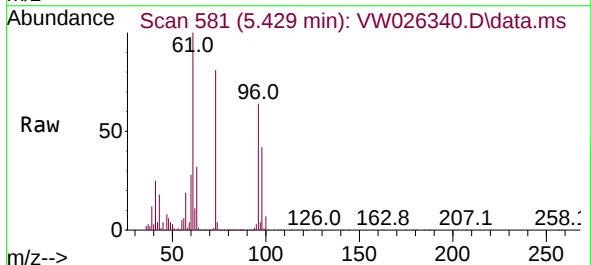
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

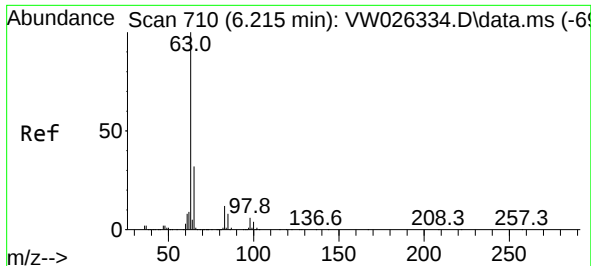
Tgt Ion: 96 Resp: 245126
Ion Ratio Lower Upper
96 100
61 155.9 106.1 197.1
98 65.0 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 22.468 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 73 Resp: 359725
Ion Ratio Lower Upper
73 100
43 23.2 18.1 27.1
57 24.2 19.5 29.3





#19

1,1-Dichloroethane

Concen: 23.571 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

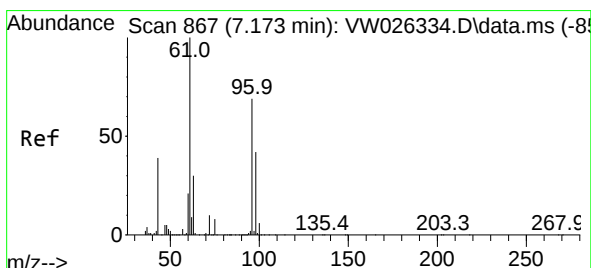
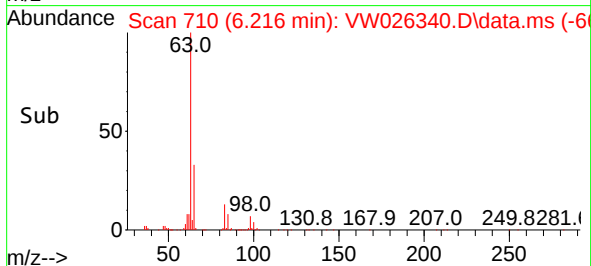
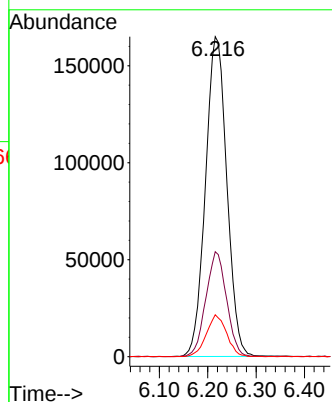
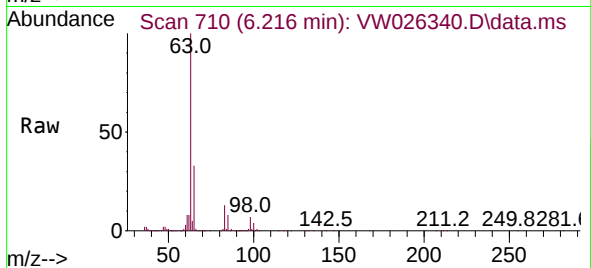
Tgt Ion: 63 Resp: 505317

Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 13.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 23.311 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

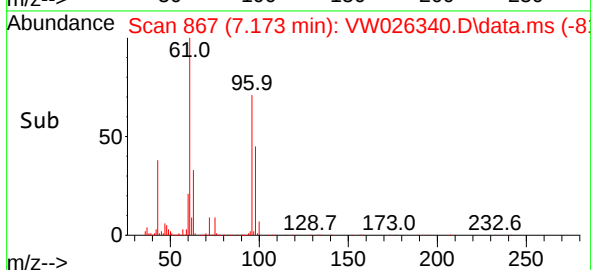
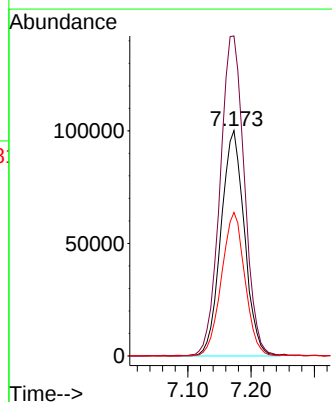
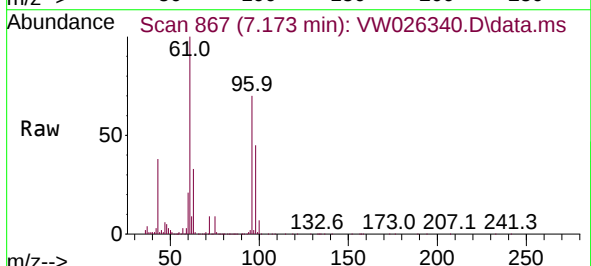
Tgt Ion: 96 Resp: 257875

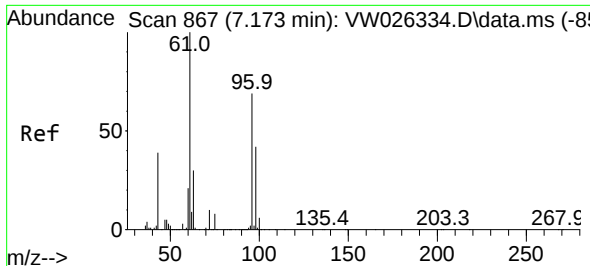
Ion Ratio Lower Upper

96 100

61 142.0 100.8 187.2

98 63.7 45.7 84.9

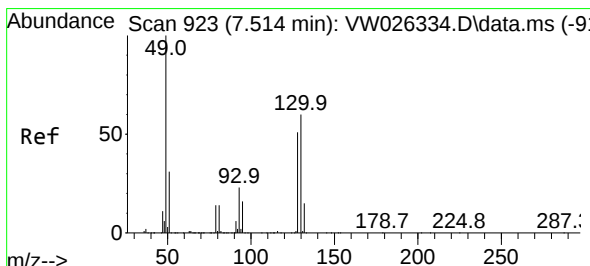
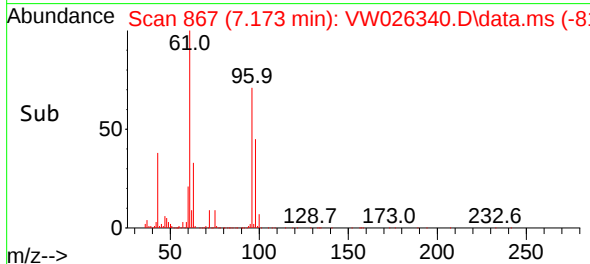
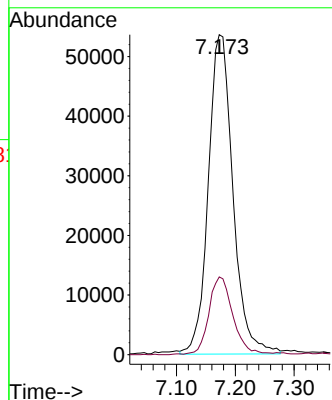
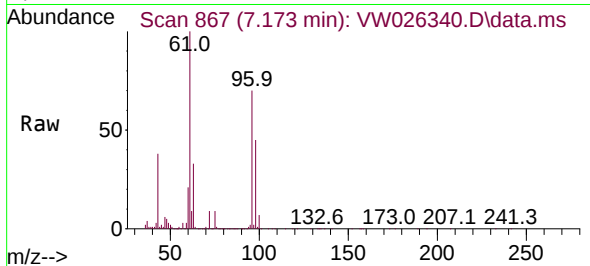




#22
2-Butanone
Concen: 38.745 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

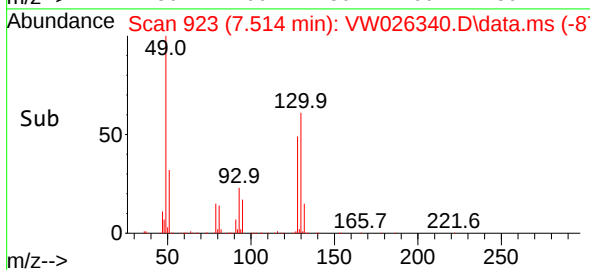
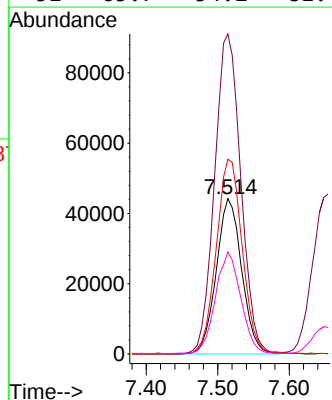
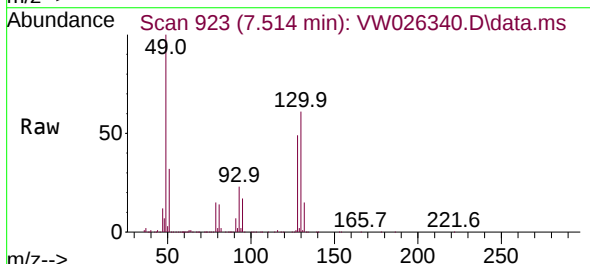
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

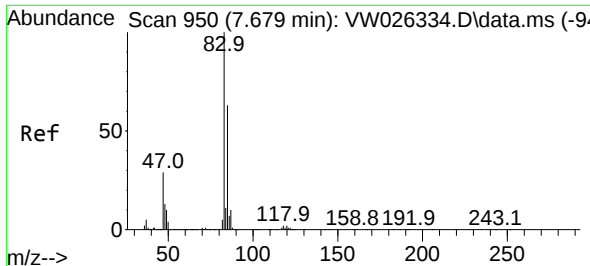
Tgt Ion: 43 Resp: 156047
Ion Ratio Lower Upper
43 100
72 23.5 11.8 35.3



#23
Bromochloromethane
Concen: 22.990 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 128 Resp: 109086
Ion Ratio Lower Upper
128 100
49 205.9 148.5 275.9
130 125.3 82.6 153.4
51 65.7 54.2 81.4

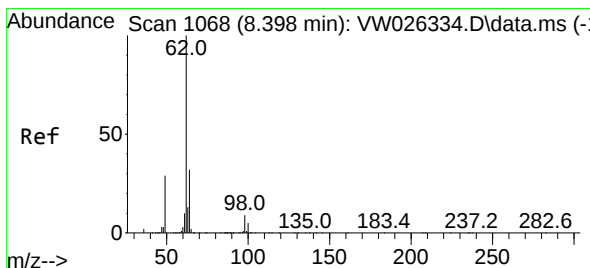
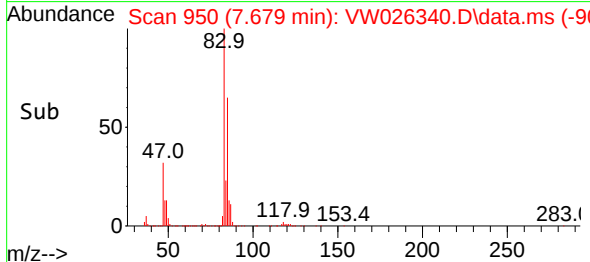
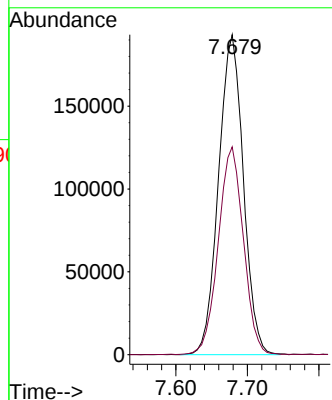
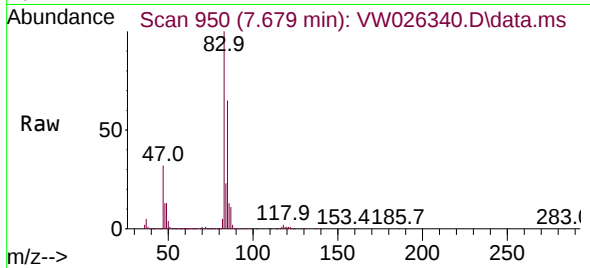




#25
Chloroform
Concen: 23.388 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

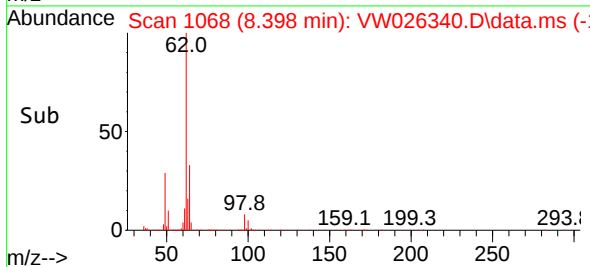
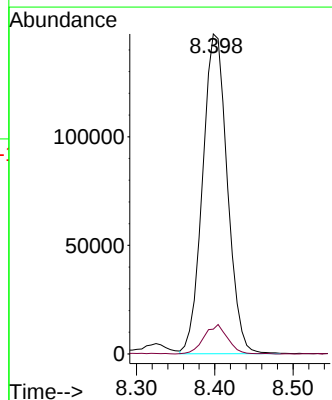
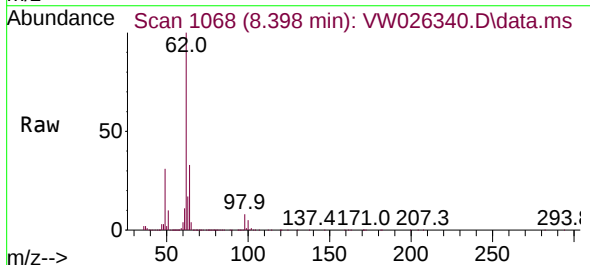
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

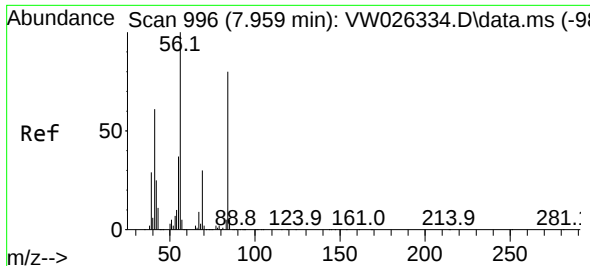
Tgt Ion: 83 Resp: 464686
Ion Ratio Lower Upper
83 100
85 65.0 45.3 84.1



#27
1,2-Dichloroethane
Concen: 22.634 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 62 Resp: 323331
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3

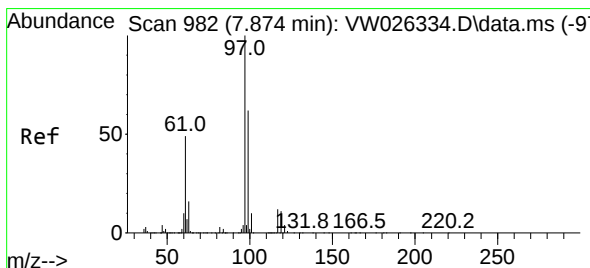
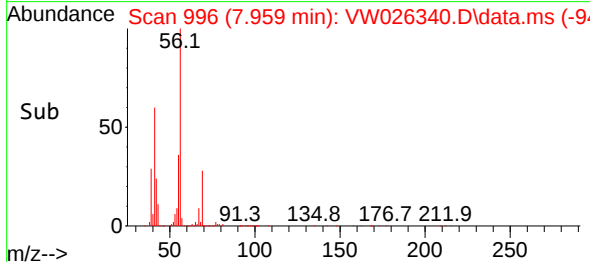
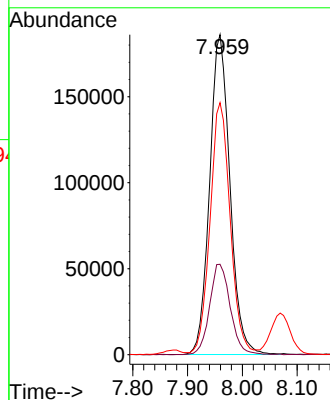
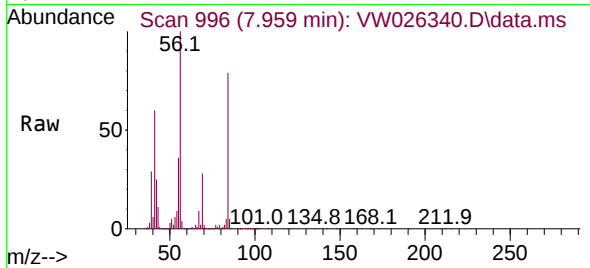




#29
Cyclohexane
Concen: 25.554 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

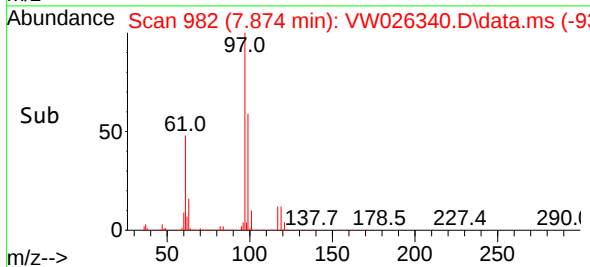
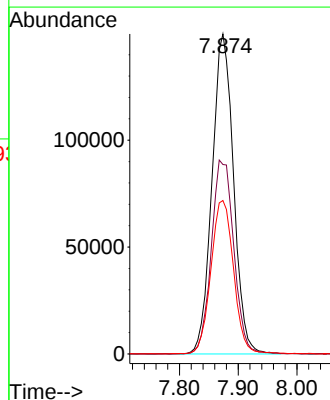
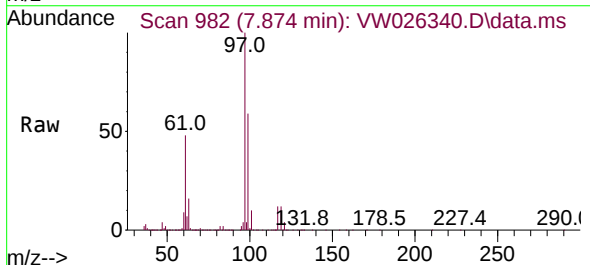
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

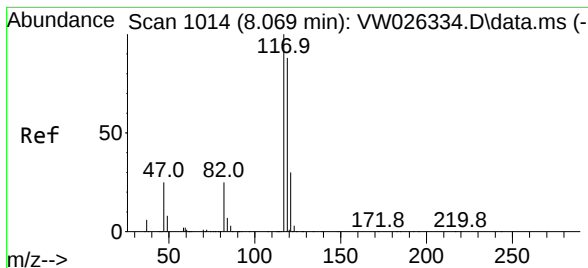
Tgt Ion: 56 Resp: 478212
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.4
84 78.1 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 24.271 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 97 Resp: 380517
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 50.7 41.4 62.2

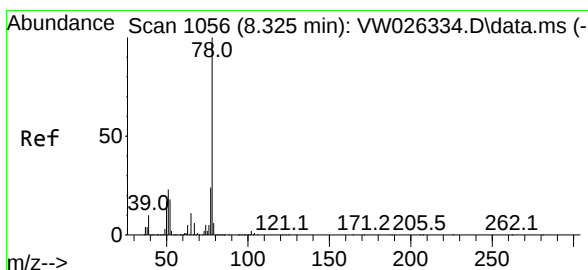
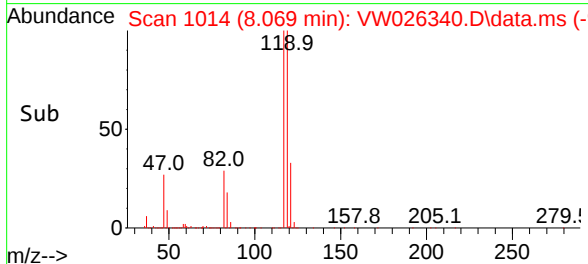
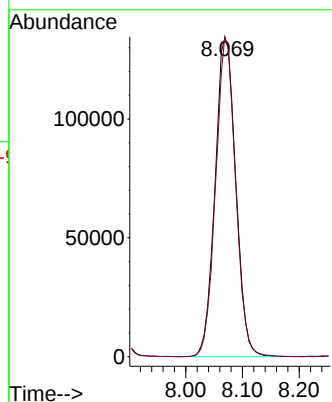
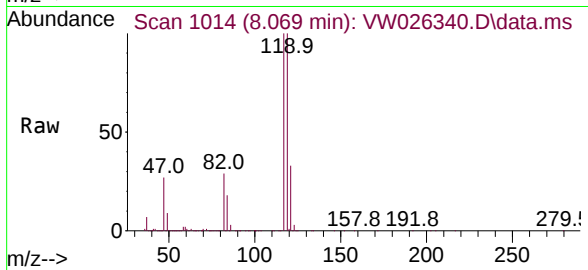




#31
Carbon tetrachloride
Concen: 24.150 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

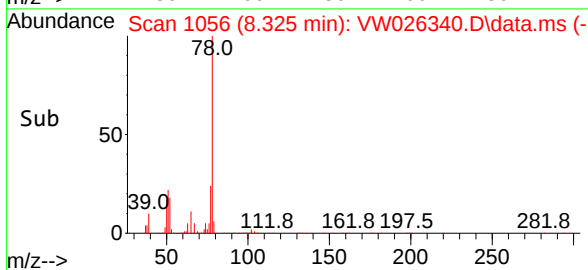
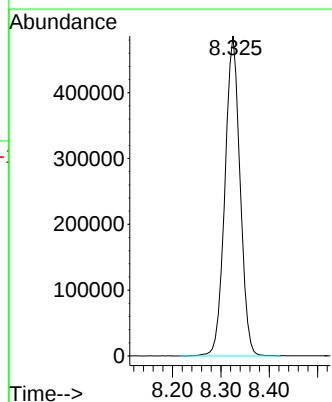
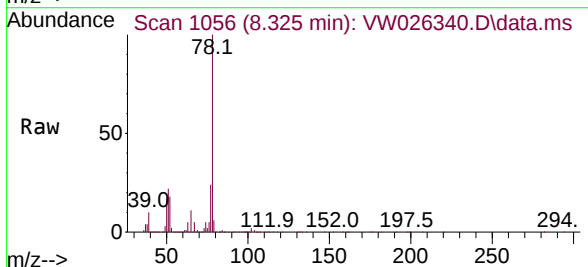
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

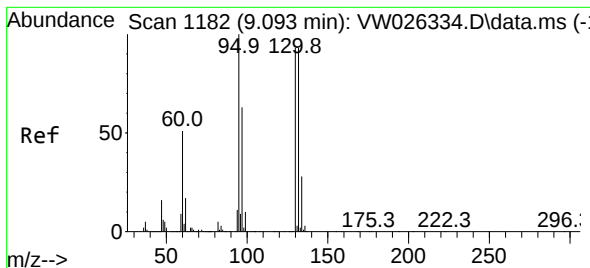
Tgt Ion:117 Resp: 340347
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5



#33
Benzene
Concen: 24.131 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 78 Resp: 1056332





#34

Trichloroethene

Concen: 23.736 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 95 Resp: 266031

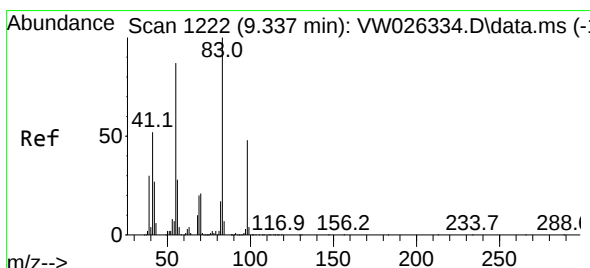
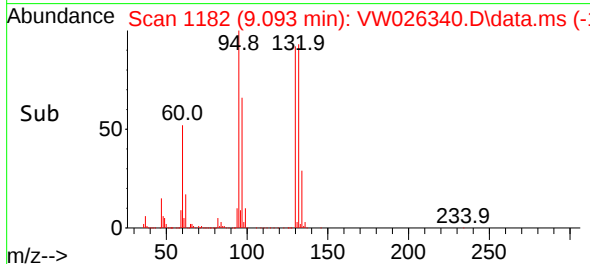
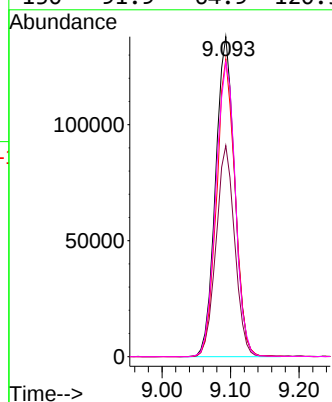
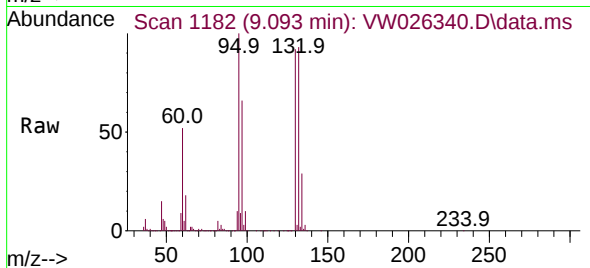
Ion Ratio Lower Upper

95 100

97 65.9 44.5 82.7

132 93.1 63.3 117.5

130 91.9 64.9 120.5



#35

Methylcyclohexane

Concen: 25.357 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

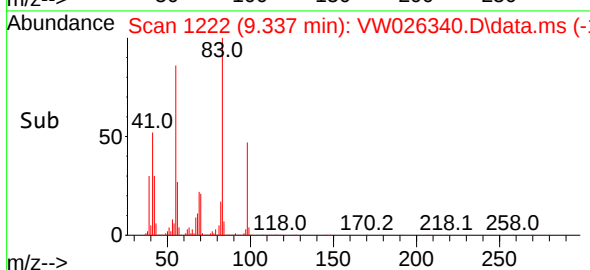
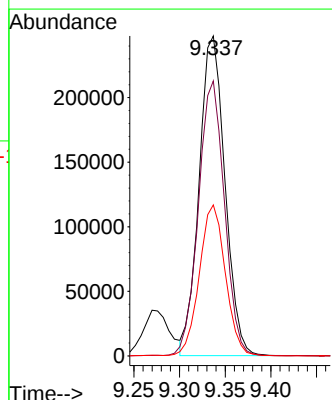
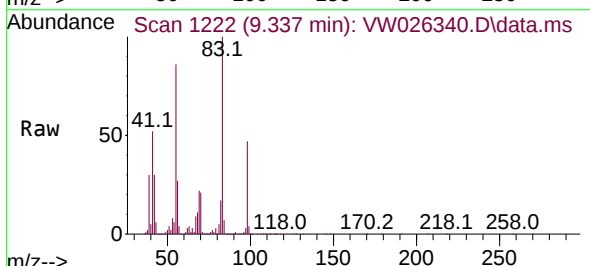
Tgt Ion: 83 Resp: 487384

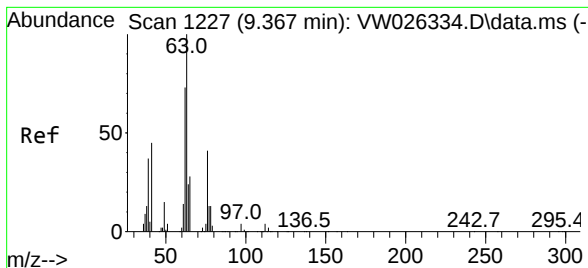
Ion Ratio Lower Upper

83 100

55 86.6 68.8 103.2

98 47.8 37.8 56.6

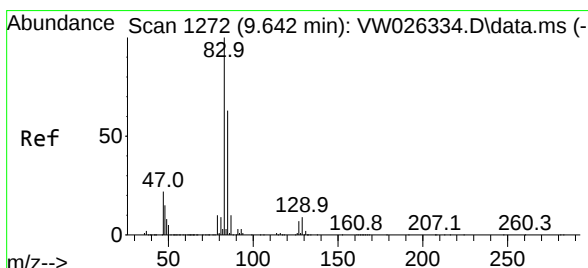
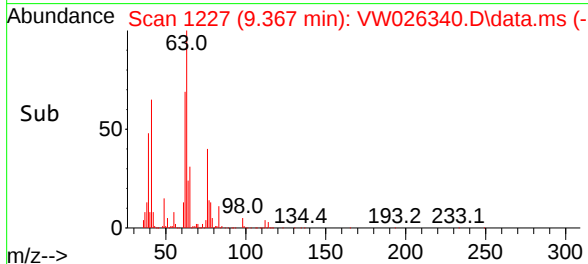
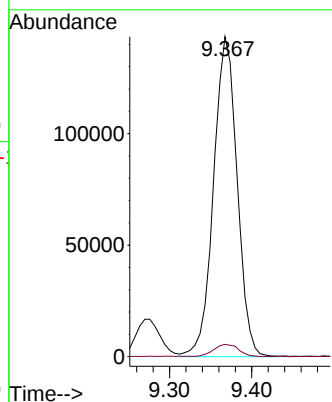
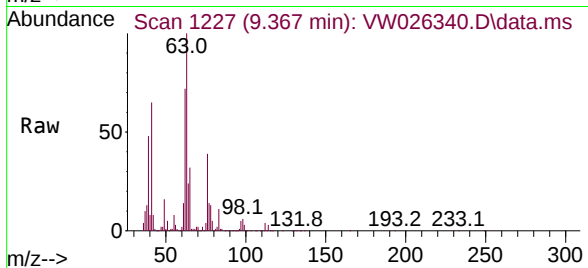




#37
1,2-Dichloropropane
Concen: 23.368 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

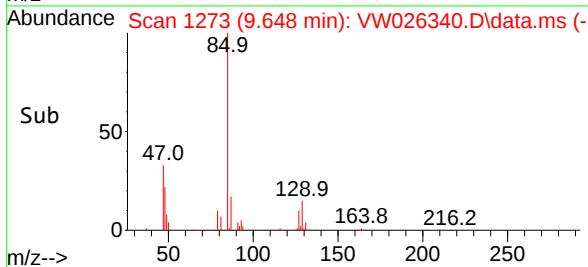
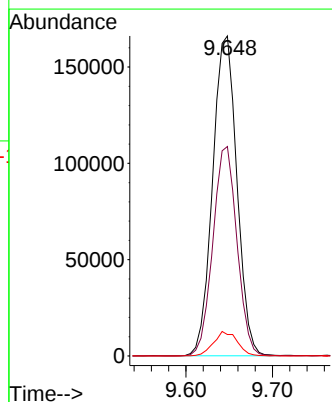
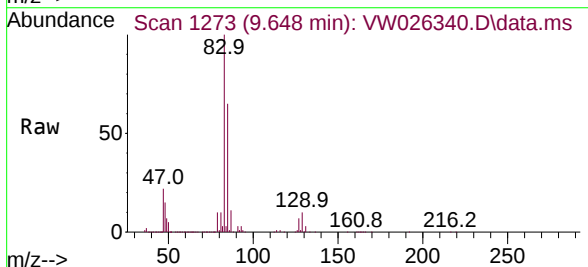
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

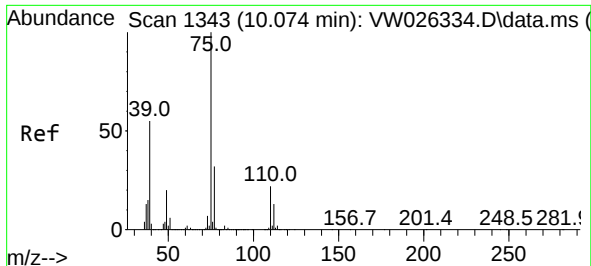
Tgt Ion: 63 Resp: 285805
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.6



#38
Bromodichloromethane
Concen: 23.032 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 83 Resp: 323492
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
127 6.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.801 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

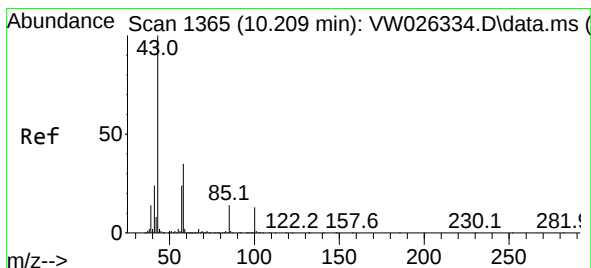
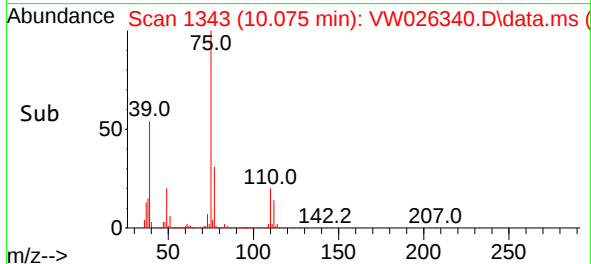
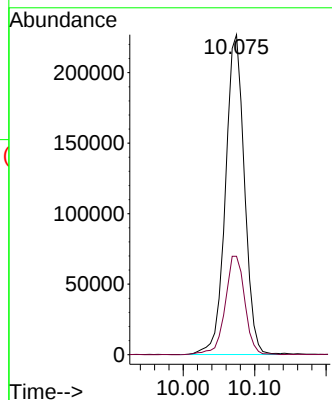
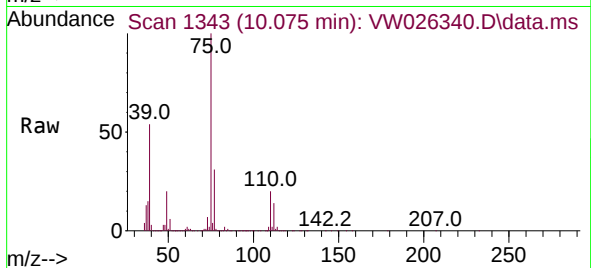
VSTD025536

Tgt Ion: 75 Resp: 417066

Ion Ratio Lower Upper

75 100

77 30.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 41.354 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

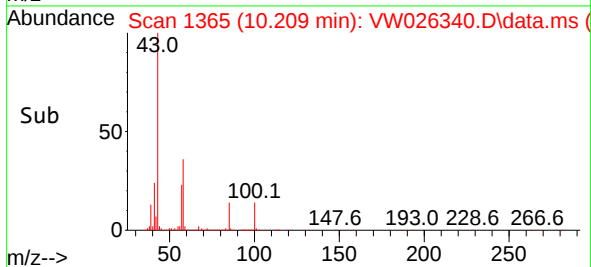
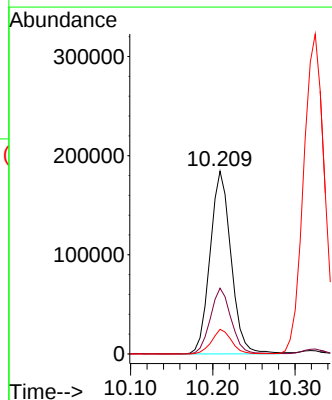
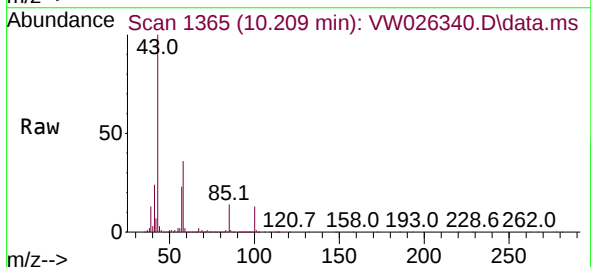
Tgt Ion: 43 Resp: 326460

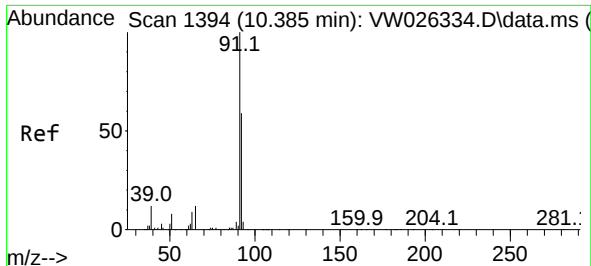
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

100 12.9 9.9 14.9

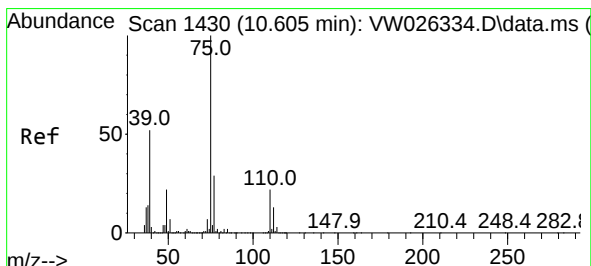
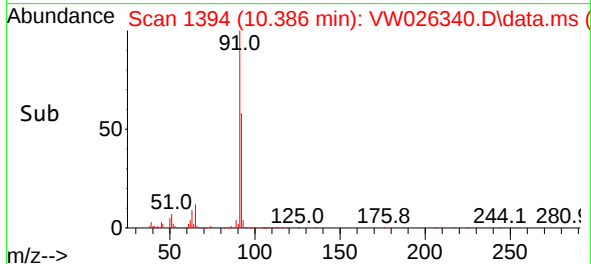
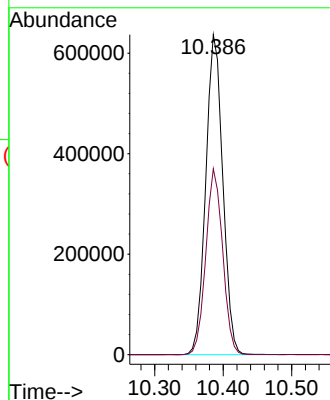
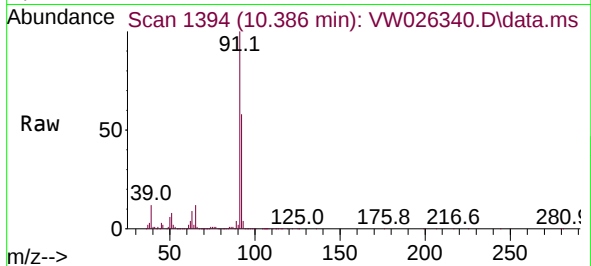




#42
Toluene
Concen: 25.067 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

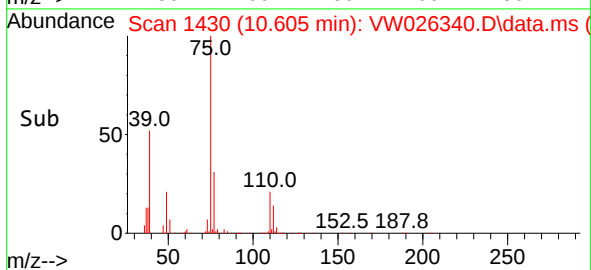
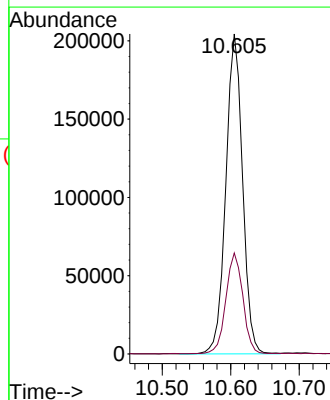
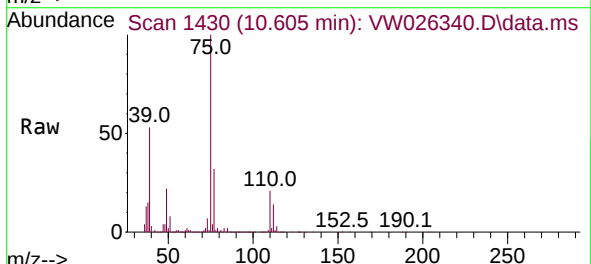
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

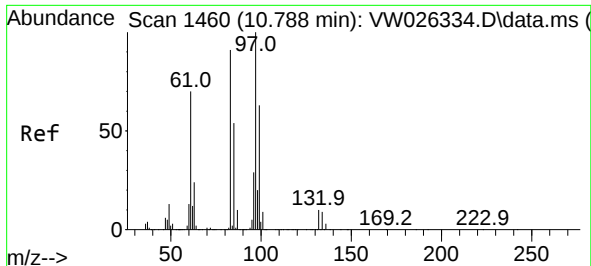
Tgt Ion: 91 Resp: 1100808
Ion Ratio Lower Upper
91 100
92 58.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 23.326 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 75 Resp: 345016
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2



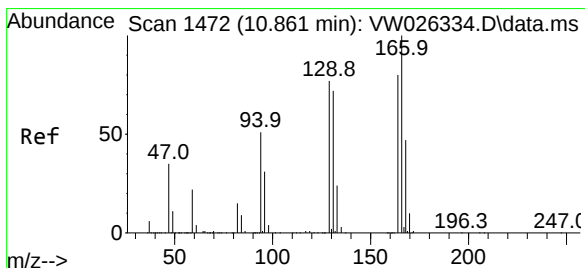
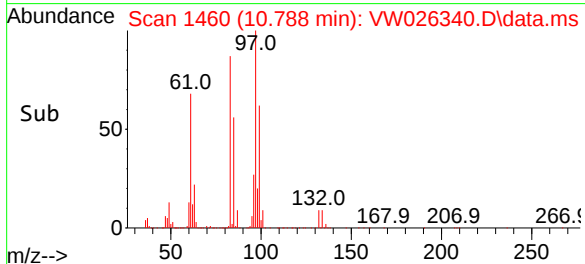
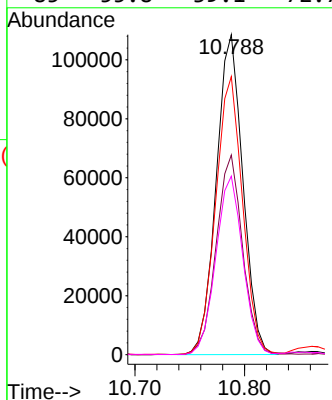
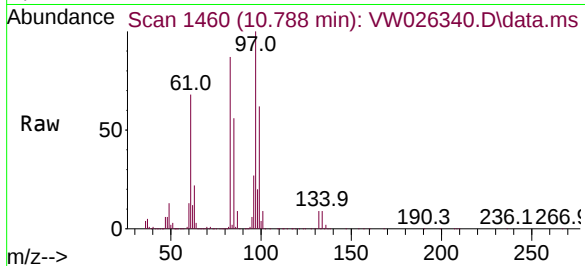


#45
1,1,2-Trichloroethane
Concen: 22.388 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

Tgt Ion: 97 Resp: 183332

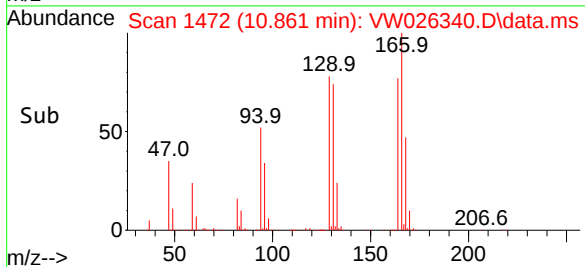
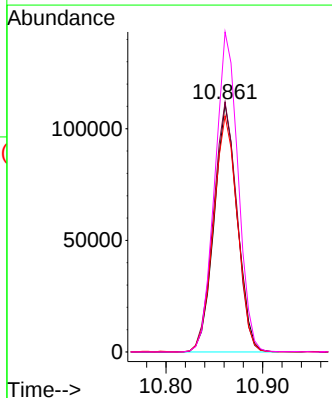
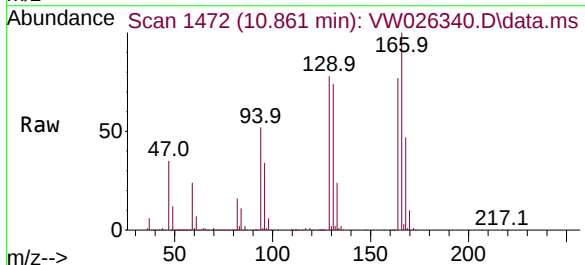
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.4	78.6
83	86.9	60.8	113.0
85	55.8	39.1	72.7

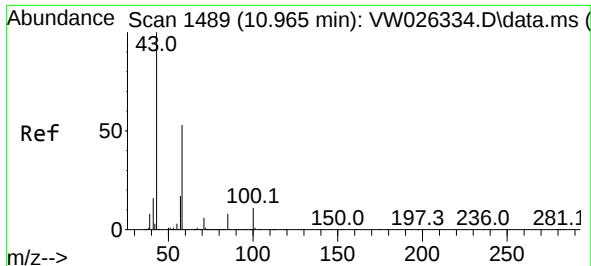


#46
Tetrachloroethene
Concen: 23.240 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 164 Resp: 183513

Ion	Ratio	Lower	Upper
164	100		
129	100.8	73.8	137.0
131	95.3	69.0	128.2
166	129.1	91.1	169.3



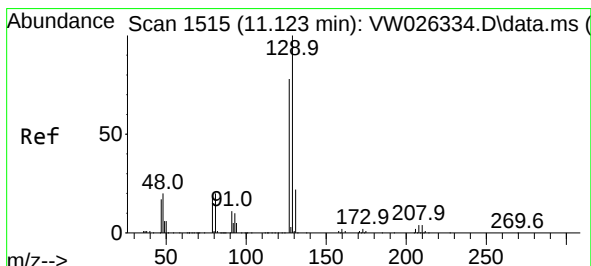
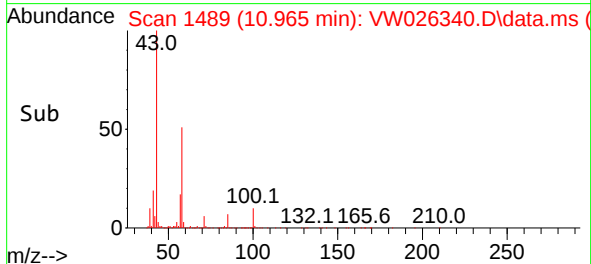
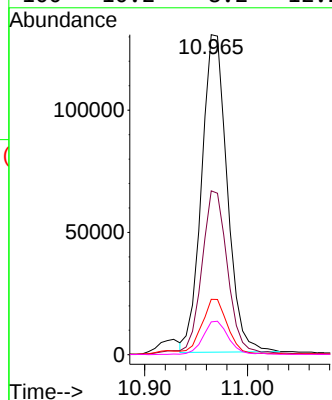
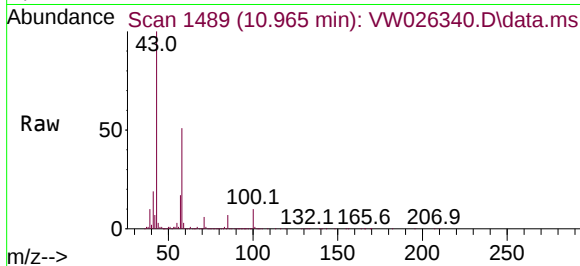


#48
2-Hexanone
Concen: 40.380 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

Tgt Ion: 43 Resp: 224925

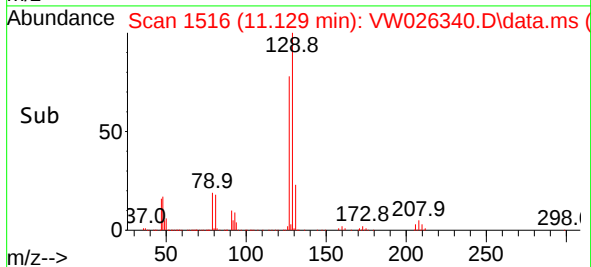
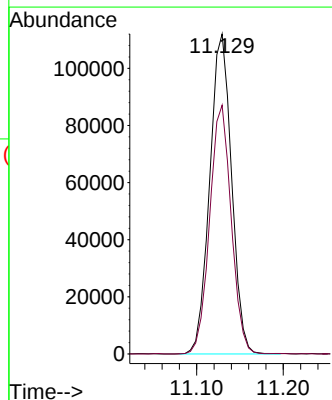
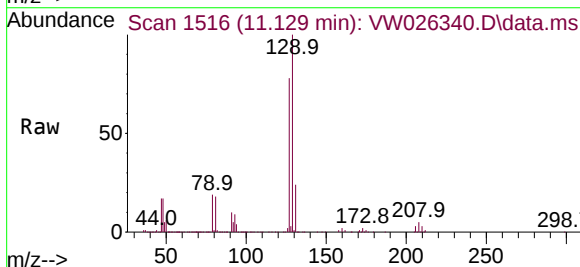
Ion	Ratio	Lower	Upper
43	100		
58	51.1	40.1	60.1
57	17.7	13.4	20.0
100	10.2	8.2	12.2

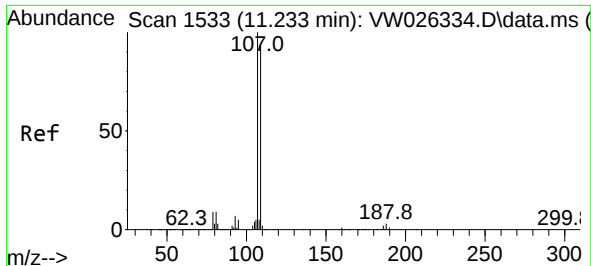


#49
Dibromochloromethane
Concen: 23.382 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion: 129 Resp: 196058

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.4	101.0

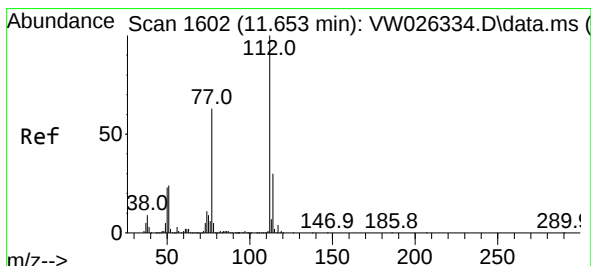
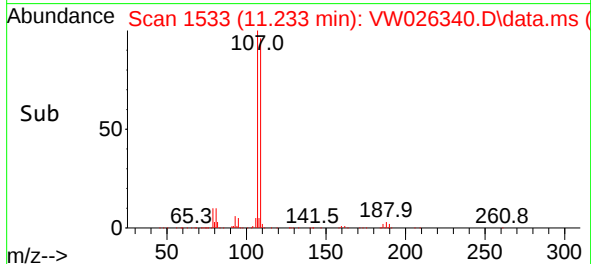
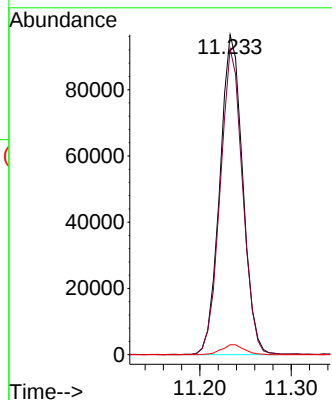
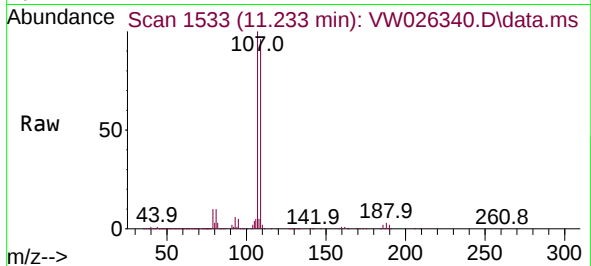




#50
1,2-Dibromoethane
Concen: 22.335 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

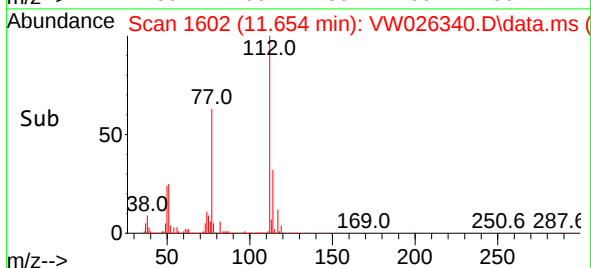
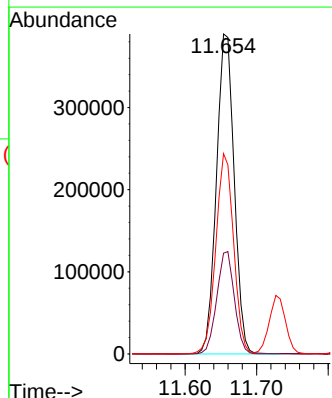
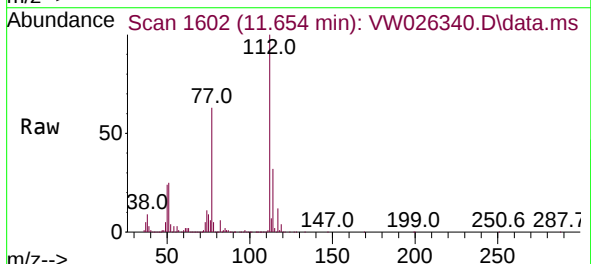
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

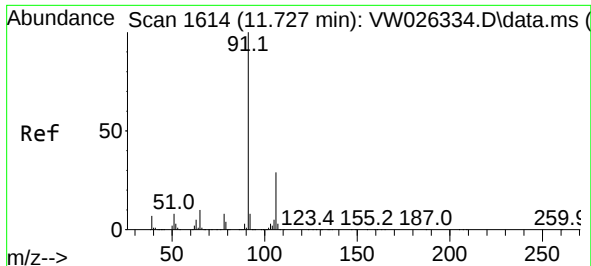
Tgt Ion:107 Resp: 167917
Ion Ratio Lower Upper
107 100
109 95.6 67.1 124.5
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 23.999 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion:112 Resp: 672229
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.8
77 62.6 53.2 79.8

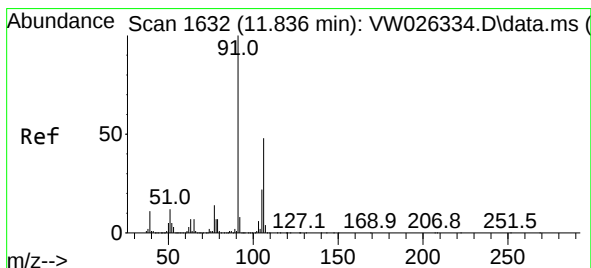
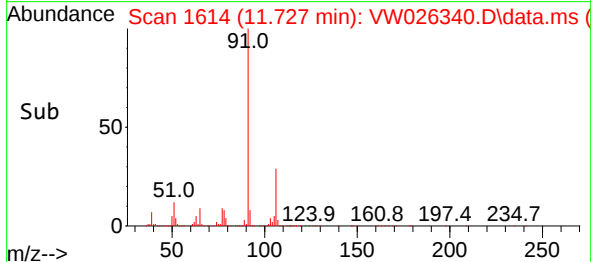
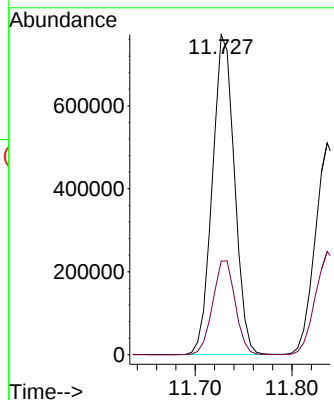
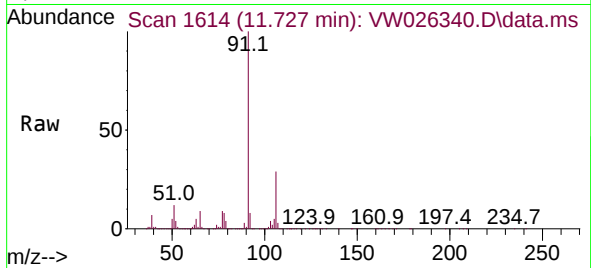




#52
Ethylbenzene
Concen: 24.758 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

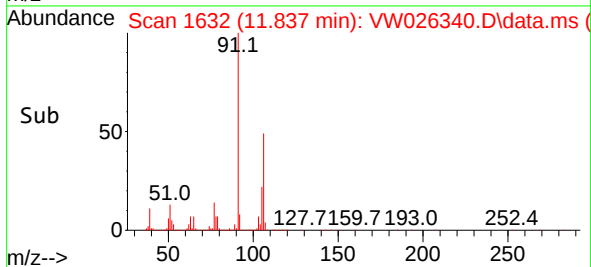
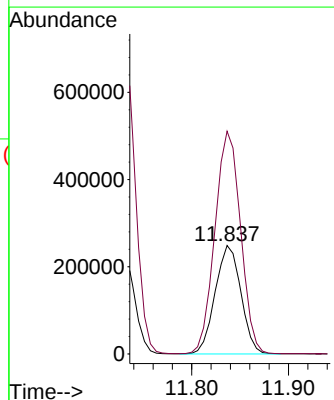
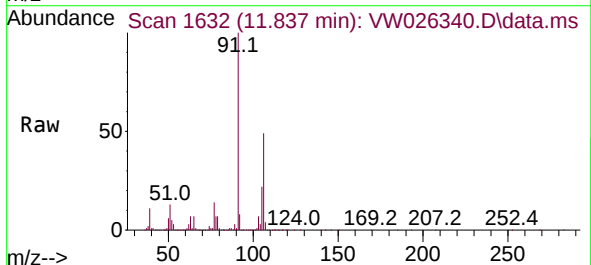
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

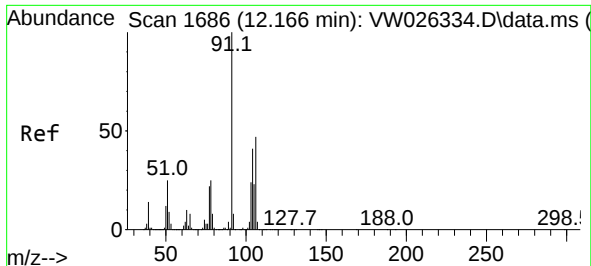
Tgt Ion: 91 Resp: 1225117
Ion Ratio Lower Upper
91 100
106 29.2 19.9 36.9



#53
m,p-Xylene
Concen: 25.459 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion:106 Resp: 459437
Ion Ratio Lower Upper
106 100
91 205.3 152.1 282.5

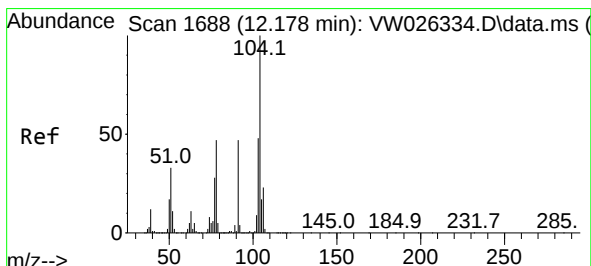
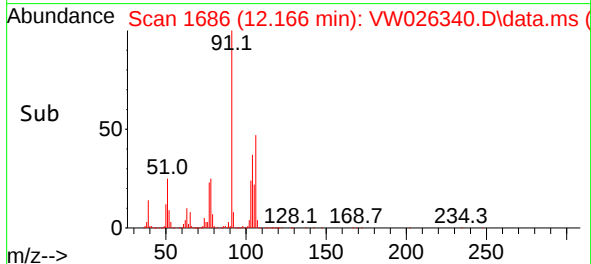
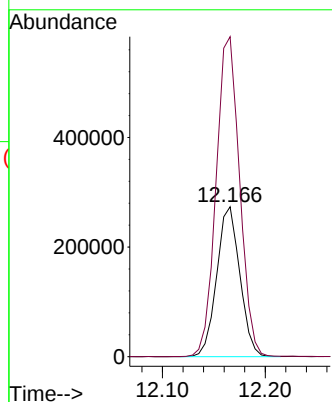
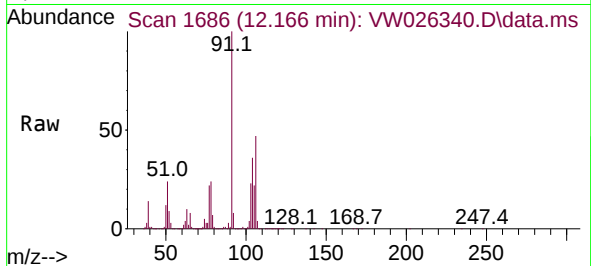




#54
o-Xylene
Concen: 25.087 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

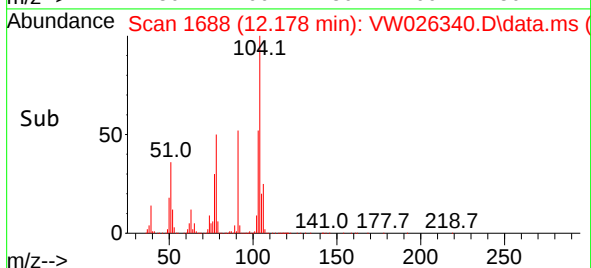
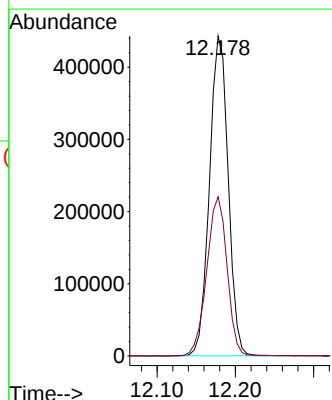
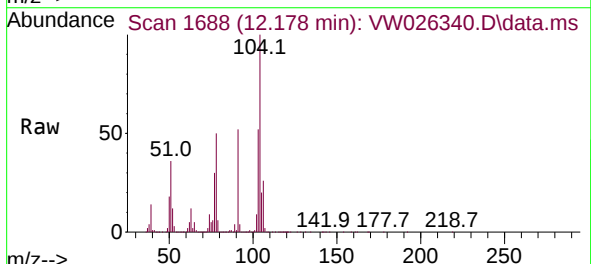
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

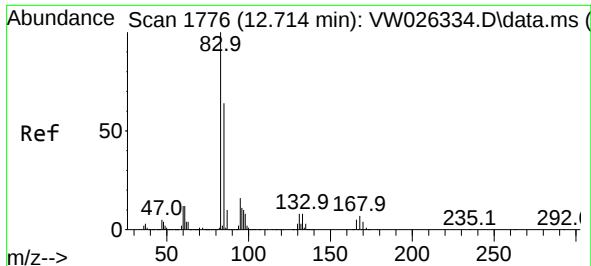
Tgt Ion:106 Resp: 426267
Ion Ratio Lower Upper
106 100
91 213.4 161.5 299.9



#55
Styrene
Concen: 24.816 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion:104 Resp: 735432
Ion Ratio Lower Upper
104 100
78 49.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.502 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

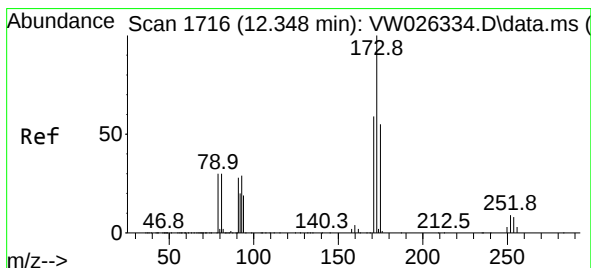
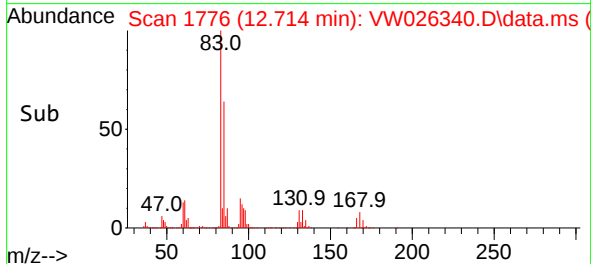
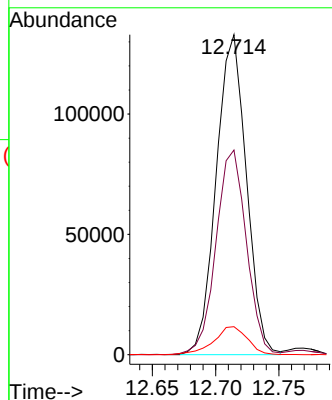
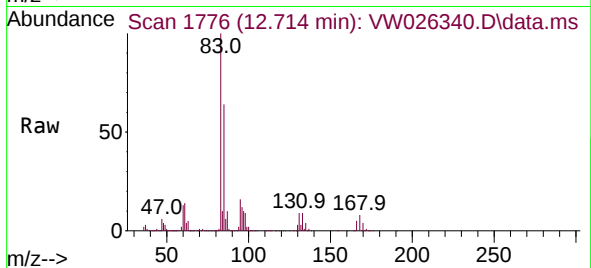
Tgt Ion: 83 Resp: 220090

Ion Ratio Lower Upper

83 100

85 64.0 43.7 81.1

131 8.8 7.4 11.0



#59

Bromoform

Concen: 22.492 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

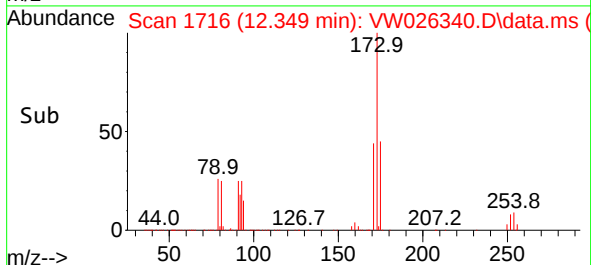
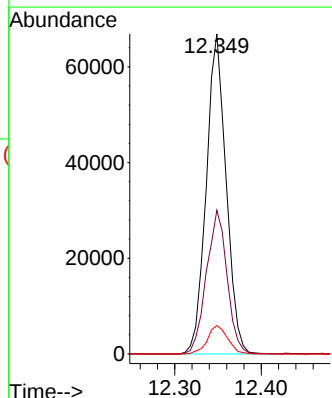
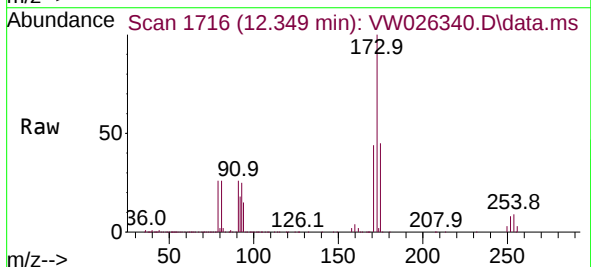
Tgt Ion: 173 Resp: 106516

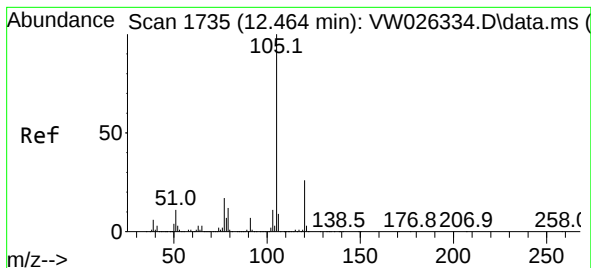
Ion Ratio Lower Upper

173 100

175 46.7 39.7 59.5

254 9.0 7.1 10.7





#60

Isopropylbenzene

Concen: 25.250 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

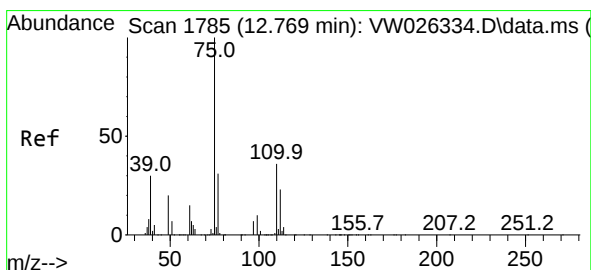
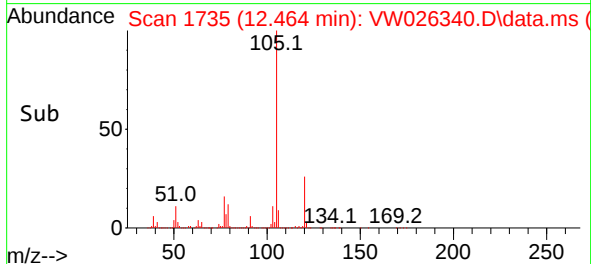
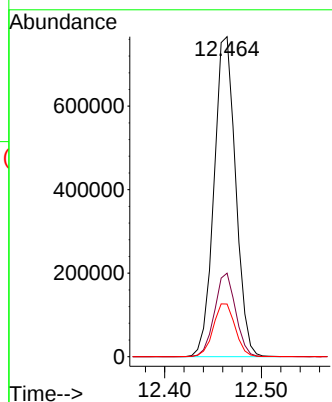
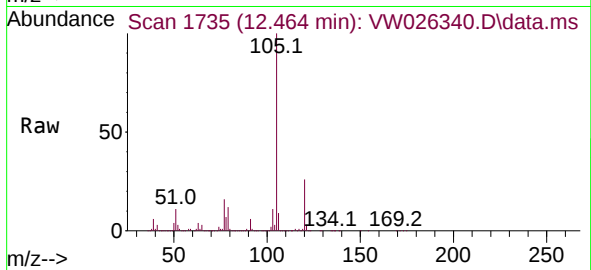
Tgt Ion:105 Resp: 1187991

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

77 16.8 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 21.227 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

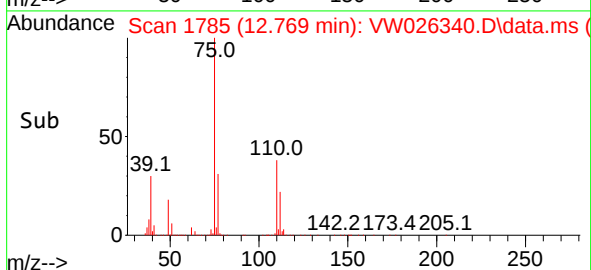
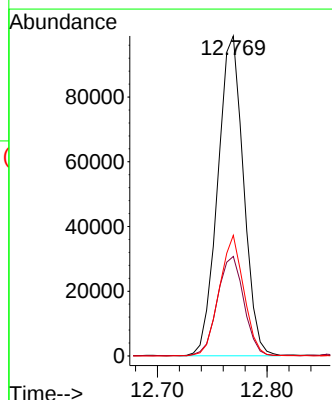
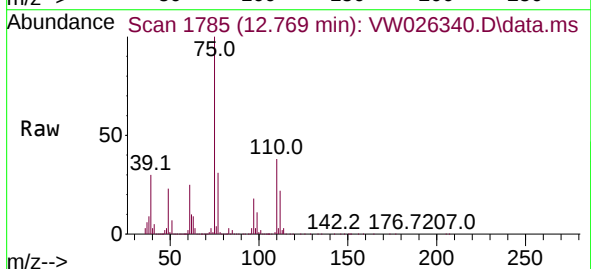
Tgt Ion: 75 Resp: 161529

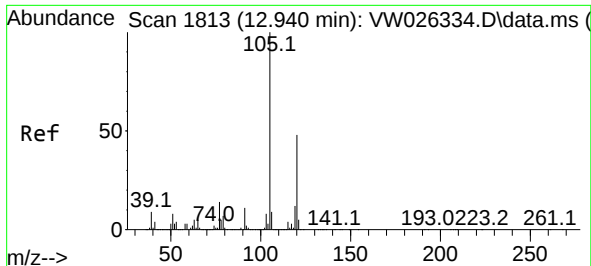
Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

110 35.9 29.4 44.0

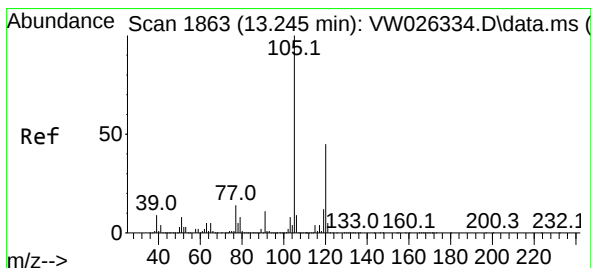
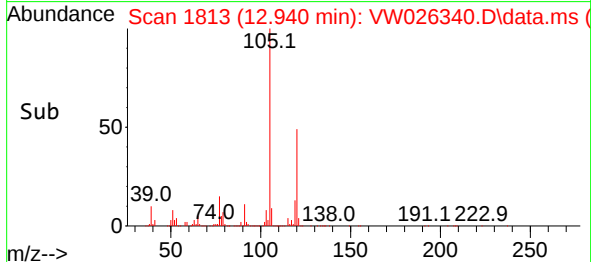
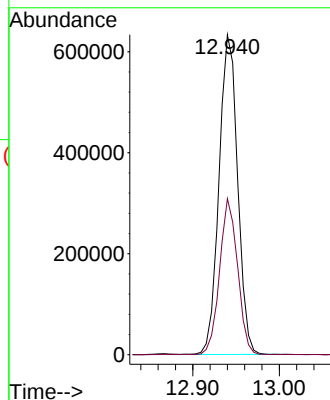
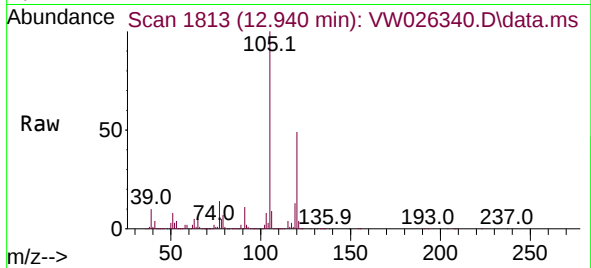




#62
1,3,5-Trimethylbenzene
Concen: 25.904 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

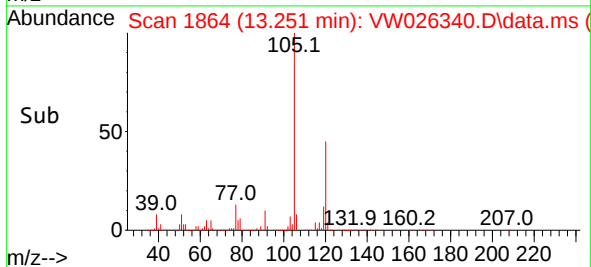
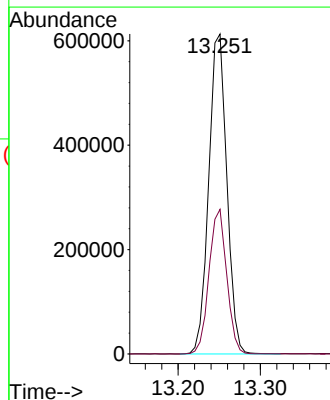
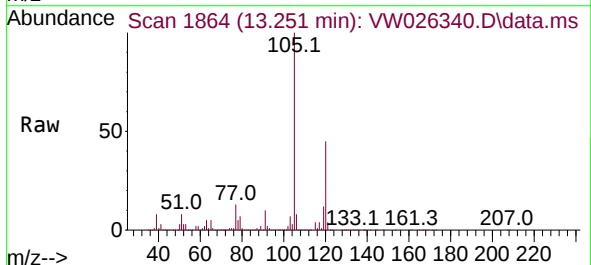
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

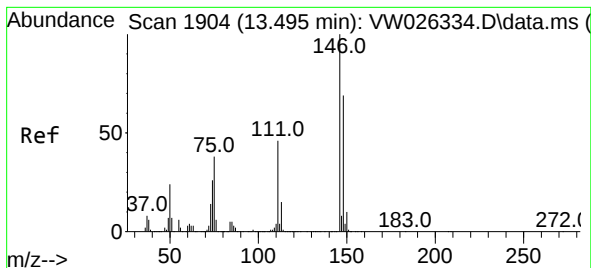
Tgt Ion:105 Resp: 944766
Ion Ratio Lower Upper
105 100
120 47.1 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 26.589 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion:105 Resp: 935310
Ion Ratio Lower Upper
105 100
120 44.3 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.503 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

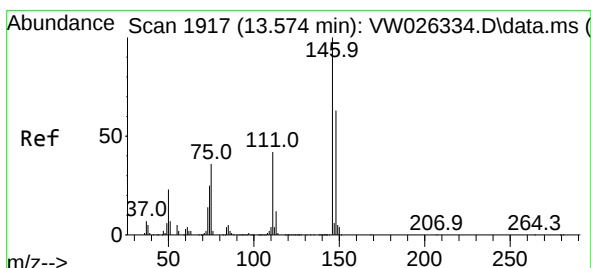
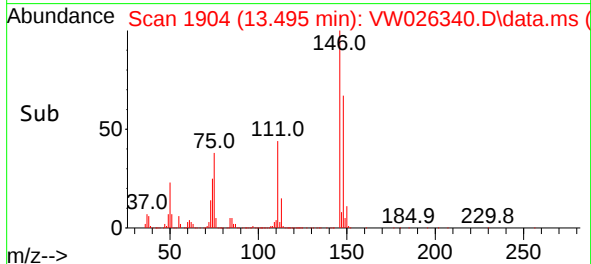
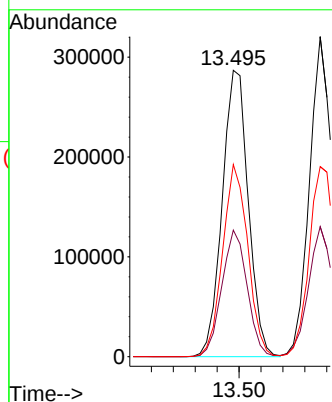
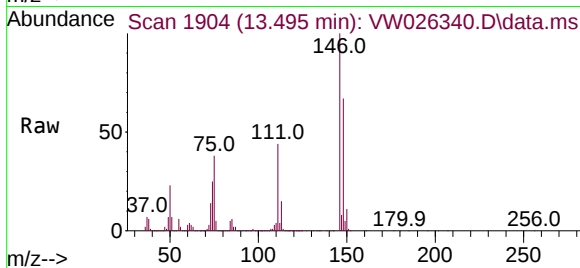
Tgt Ion:146 Resp: 473627

Ion Ratio Lower Upper

146 100

111 44.2 30.8 57.2

148 67.1 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 24.042 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

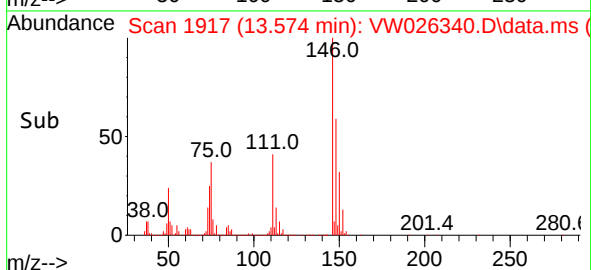
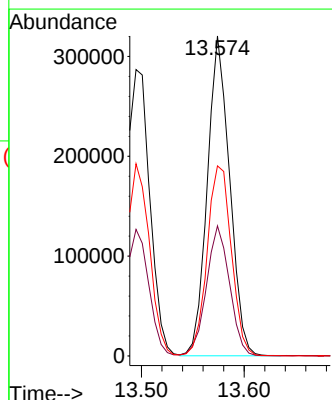
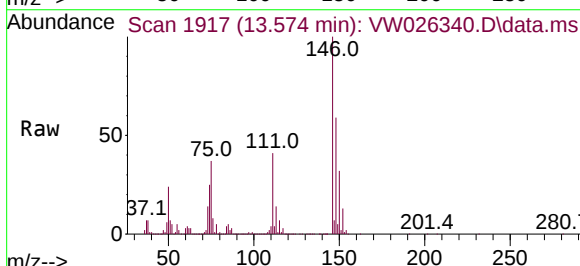
Tgt Ion:146 Resp: 484854

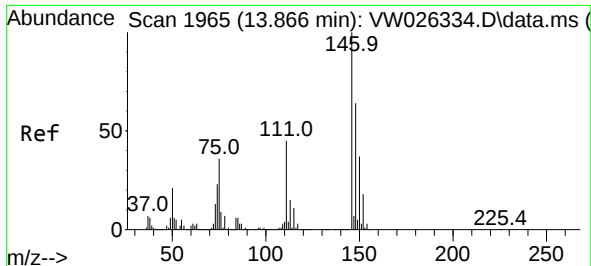
Ion Ratio Lower Upper

146 100

111 40.6 30.0 55.8

148 59.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.793 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

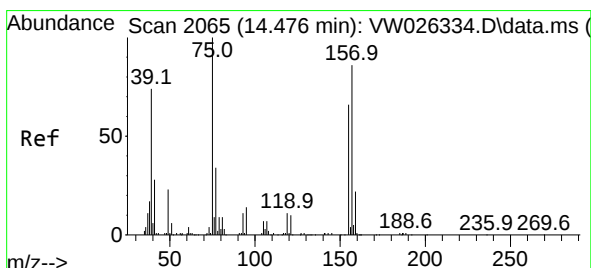
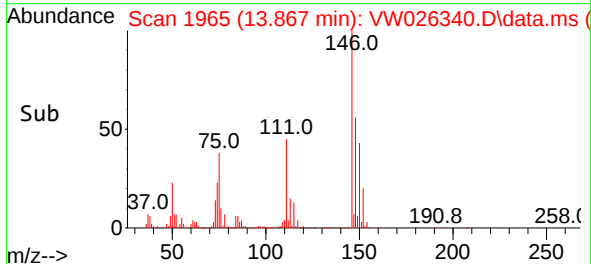
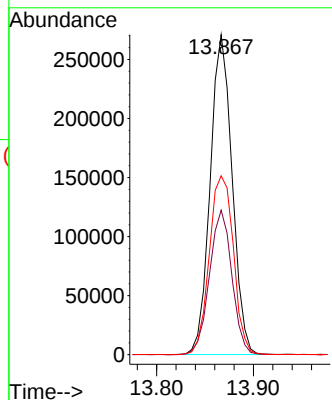
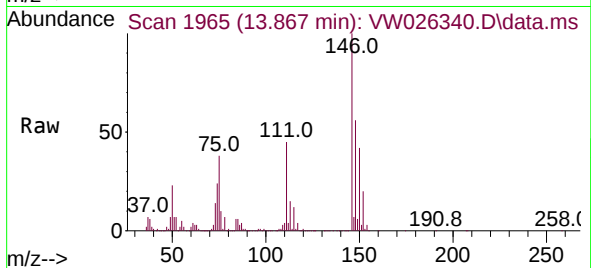
Tgt Ion:146 Resp: 427037

Ion Ratio Lower Upper

146 100

111 45.2 36.0 54.0

148 55.9 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.143 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

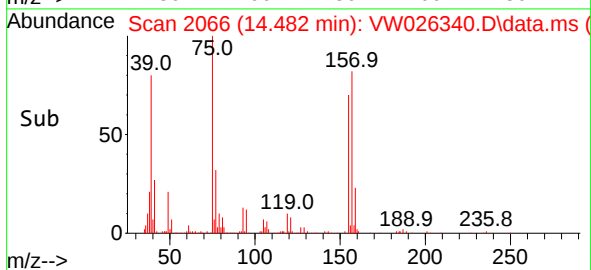
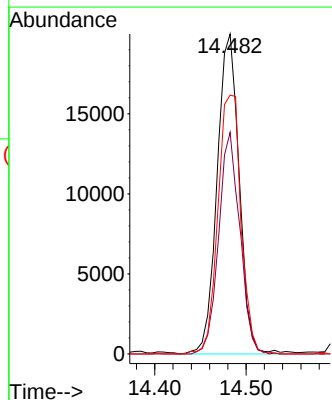
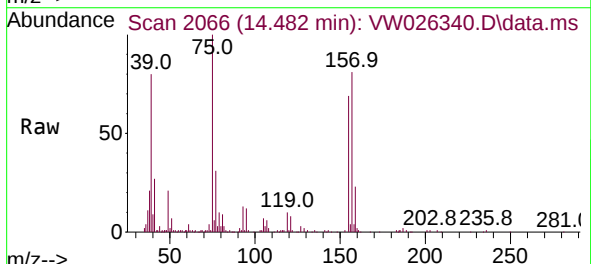
Tgt Ion: 75 Resp: 33574

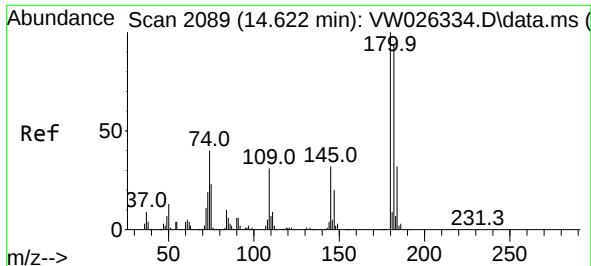
Ion Ratio Lower Upper

75 100

155 69.2 57.5 86.3

157 80.9 73.4 110.0

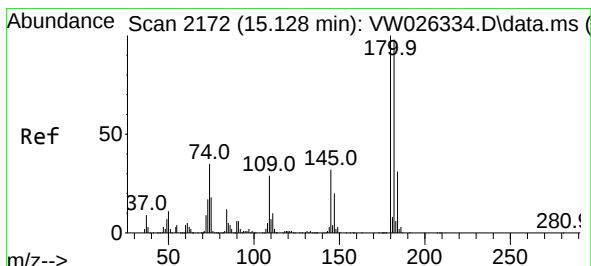
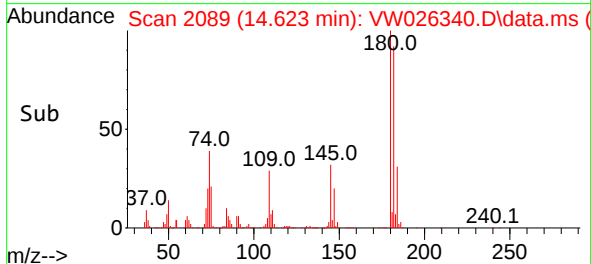
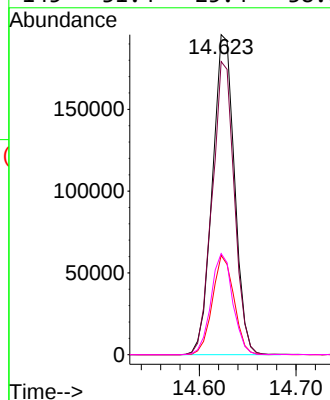
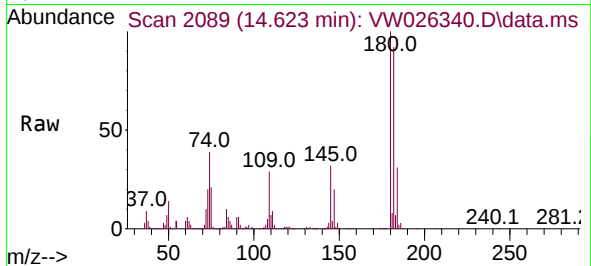




#69
1,3,5-Trichlorobenzene
Concen: 23.914 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

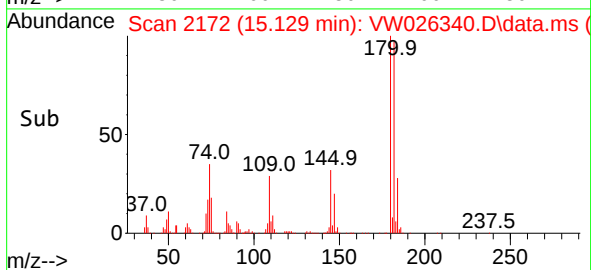
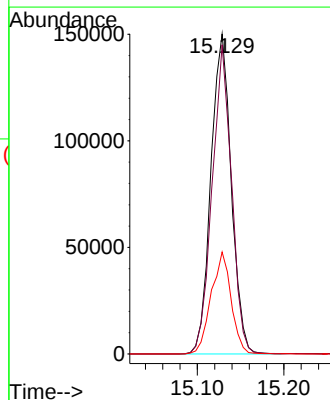
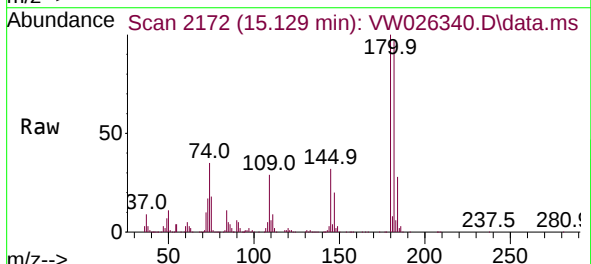
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

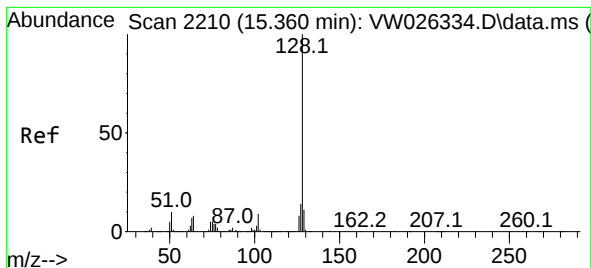
Tgt Ion:180 Resp: 309667
Ion Ratio Lower Upper
180 100
182 91.9 74.2 111.4
184 30.3 23.8 35.6
145 31.4 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 23.120 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026340.D
Acq: 27 Jun 2023 08:52

Tgt Ion:180 Resp: 245004
Ion Ratio Lower Upper
180 100
182 92.1 75.6 113.4
145 31.3 24.7 37.1





#71

Naphthalene

Concen: 21.771 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

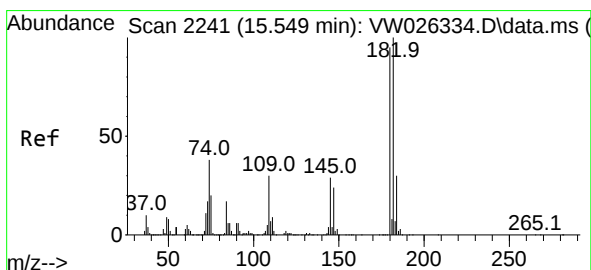
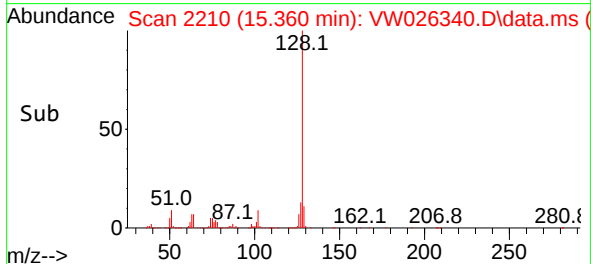
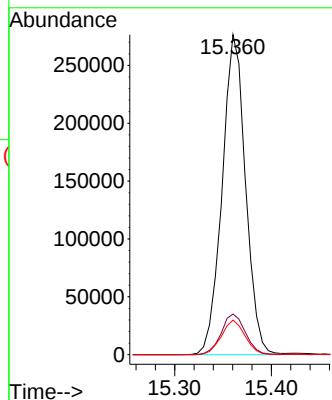
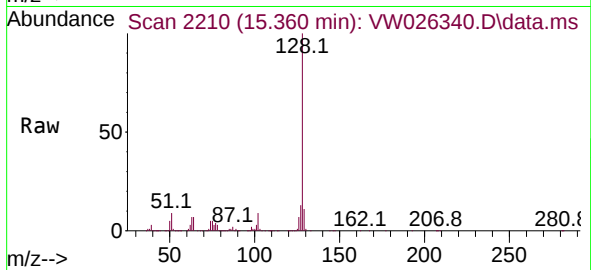
Tgt Ion:128 Resp: 463776

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 22.188 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026340.D

Acq: 27 Jun 2023 08:52

Tgt Ion:180 Resp: 219530

Ion Ratio Lower Upper

180 100

182 97.6 75.0 112.6

145 33.9 28.5 42.7

