

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026384.D
 Acq On : 28 Jun 2023 04:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: Jun 28 05:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	825329	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	723969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	347242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	283762	23.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.680%
7) Chloroethane-d5	2.899	69	228700	26.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.320%
11) 1,1-Dichloroethene-d2	4.021	65	135177	24.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.600%
21) 2-Butanone-d5	7.075	46	164400	43.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.260%
24) Chloroform-d	7.648	84	550648	23.545	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.307	65	317193	24.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.560%
32) Benzene-d6	8.276	84	1092946	24.390	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	9.276	67	346232	23.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.325	98	982876	25.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	10.575	79	138835	23.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.000%
47) 2-Hexanone-d5	10.922	63	107962	48.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	258609	22.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	304002	25.144	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	227334	22.915	ug/L	90
3) Chloromethane	2.222	50	323046	22.519	ug/L	100
5) Vinyl chloride	2.375	62	328591	22.030	ug/L	98
6) Bromomethane	2.789	94	199348	24.350	ug/L	99
8) Chloroethane	2.936	64	205564	25.702	ug/L	97
9) Trichlorofluoromethane	3.265	101	220192	20.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	242771	21.315	ug/L	95
12) 1,1-Dichloroethene	4.045	96	240166	22.505	ug/L	86
13) Acetone	4.118	43	104864	34.767	ug/L	95
14) Carbon disulfide	4.393	76	804936	21.346	ug/L	99
15) Methyl Acetate	4.667	43	163439	23.637	ug/L	99
16) Methylene chloride	4.917	84	297923	21.331	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	268903	22.926	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	478185	26.066	ug/L	98
19) 1,1-Dichloroethane	6.216	63	553454	22.530	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	296474	23.390	ug/L	97
22) 2-Butanone	7.167	43	173506	37.596	ug/L	97
23) Bromochloromethane	7.514	128	122336	22.501	ug/L	95
25) Chloroform	7.679	83	522679	22.958	ug/L	98

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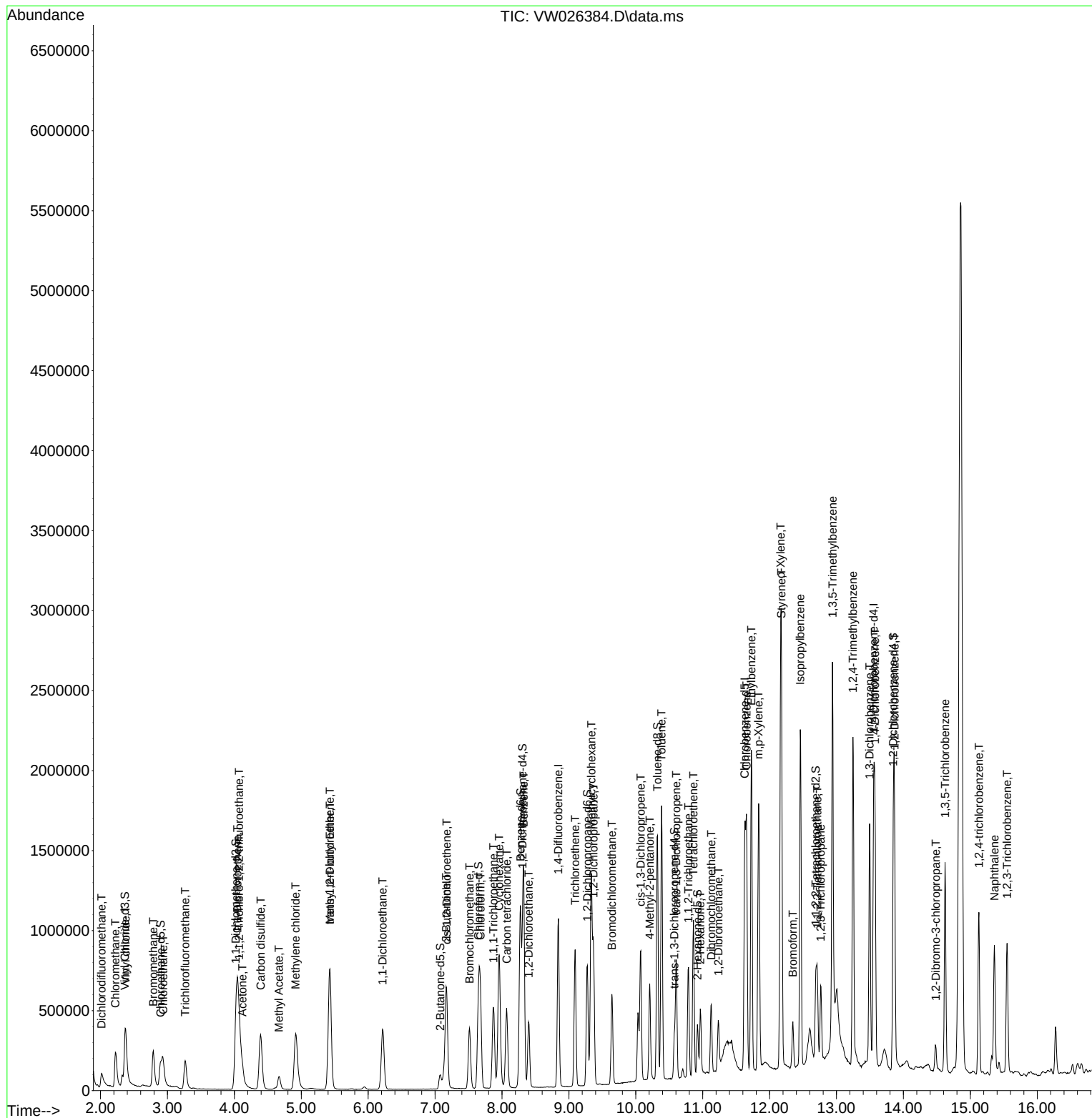
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	378860	23.146	ug/L	97
29) Cyclohexane	7.959	56	501686	23.998	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	410550	23.442	ug/L	99
31) Carbon tetrachloride	8.069	117	369869	23.493	ug/L	96
33) Benzene	8.325	78	1144239	23.398	ug/L	100
34) Trichloroethene	9.093	95	291369	23.271	ug/L	97
35) Methylcyclohexane	9.337	83	508480	23.681	ug/L	99
37) 1,2-Dichloropropane	9.367	63	308369	22.570	ug/L	99
38) Bromodichloromethane	9.642	83	373310	23.793	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	460215	23.510	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	415466	47.111	ug/L	99
42) Toluene	10.386	91	1195980	24.379	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	385633	23.339	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	211064	23.072	ug/L	98
46) Tetrachloroethene	10.861	164	199649	22.633	ug/L	96
48) 2-Hexanone	10.965	43	268921	43.217	ug/L	99
49) Dibromochloromethane	11.129	129	220627	23.554	ug/L	99
50) 1,2-Dibromoethane	11.233	107	200791	23.907	ug/L	98
51) Chlorobenzene	11.654	112	734060	23.459	ug/L	99
52) Ethylbenzene	11.727	91	1383498	25.028	ug/L	95
53) m,p-Xylene	11.837	106	500686	24.836	ug/L	97
54) o-Xylene	12.166	106	487141	25.664	ug/L	97
55) Styrene	12.178	104	826266	24.958	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	245172	21.441	ug/L	99
59) Bromoform	12.349	173	119832	22.812	ug/L	98
60) Isopropylbenzene	12.458	105	1337975	25.637	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	192852	22.847	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1116872	27.607	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1061394	27.202	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543443	24.312	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	525450	23.489	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	475759	23.897	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	43958	22.595	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	345730	24.070	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	290627	24.724	ug/L	97
71) Naphthalene	15.360	128	648394	27.440	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	252095	22.970	ug/L	97

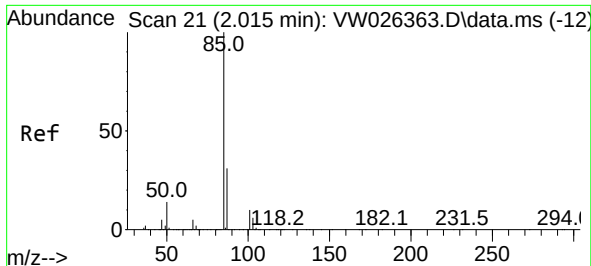
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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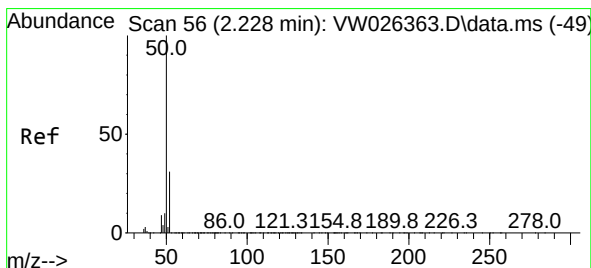
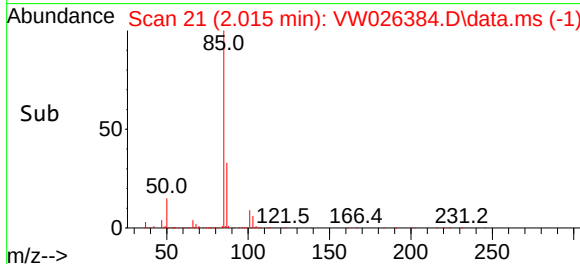
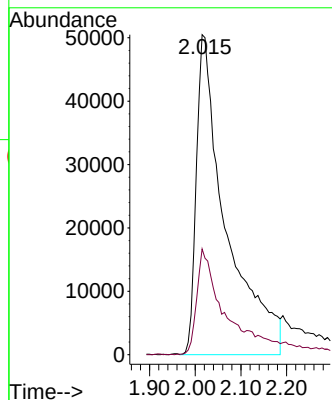
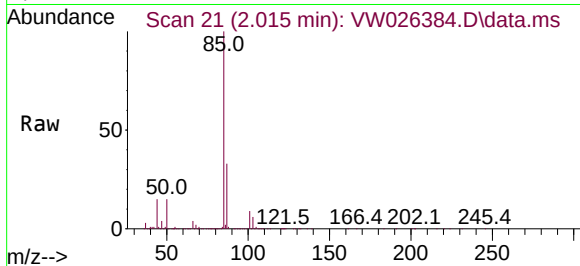




#2
 Dichlorodifluoromethane
 Concen: 22.915 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

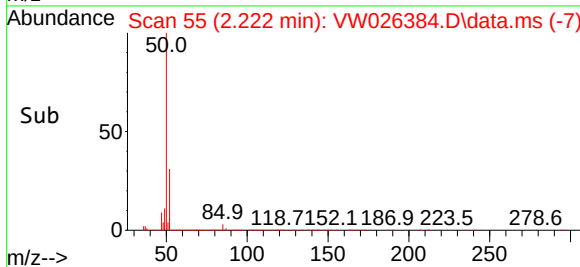
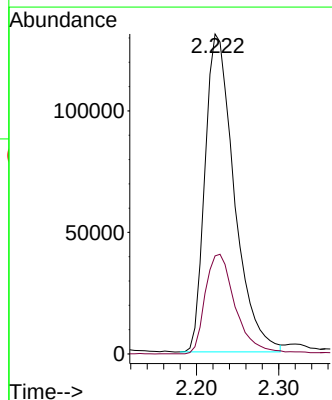
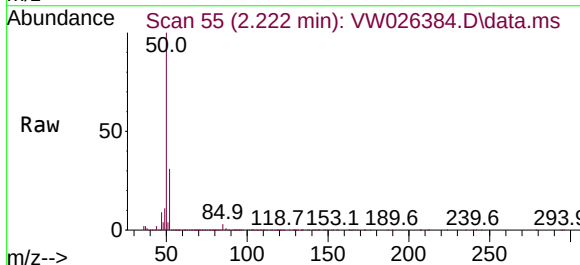
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 ClientSampleId :
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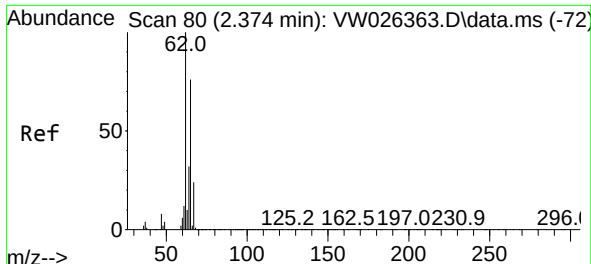
Tgt Ion: 85 Resp: 227334
 Ion Ratio Lower Upper
 85 100
 87 25.9 25.2 37.8



#3
 Chloromethane
 Concen: 22.519 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

Tgt Ion: 50 Resp: 323046
 Ion Ratio Lower Upper
 50 100
 52 30.6 21.4 39.8

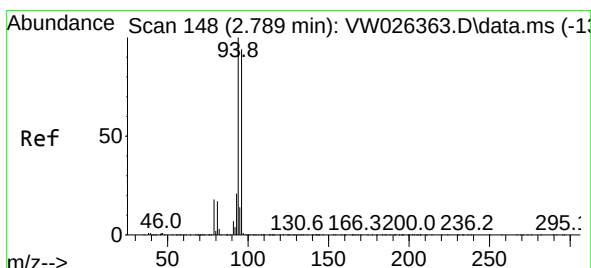
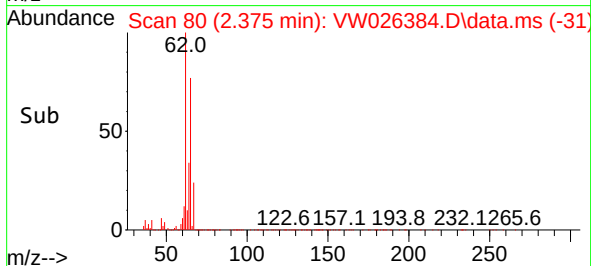
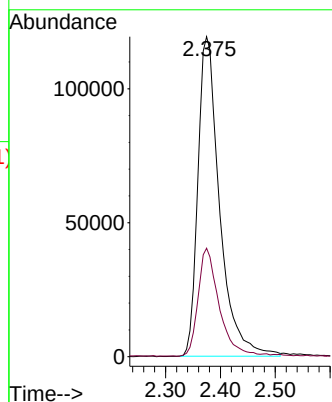
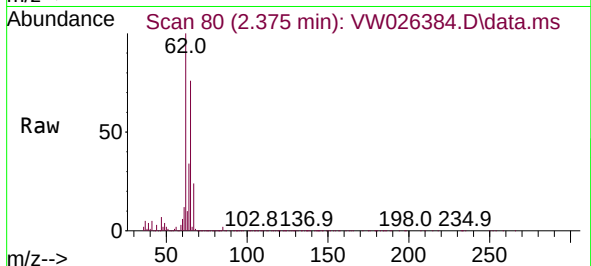




#5
 Vinyl chloride
 Concen: 22.030 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

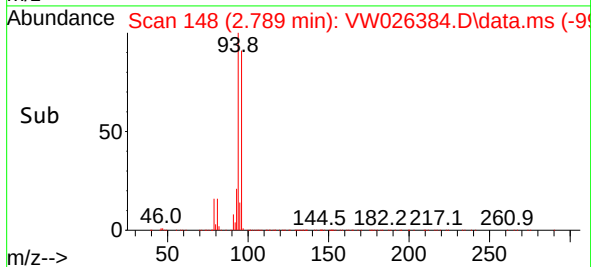
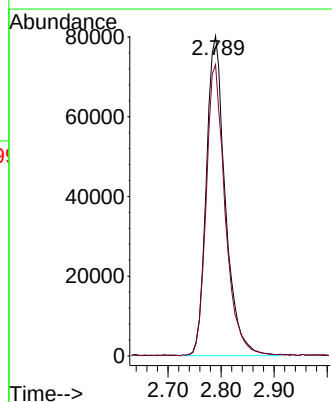
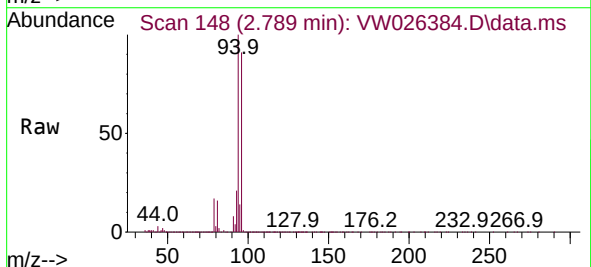
Instrument :
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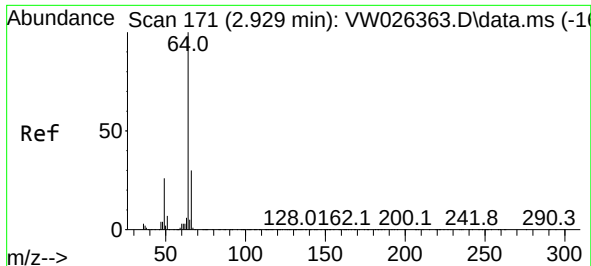
Tgt Ion: 62 Resp: 328591
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.0 42.8



#6
 Bromomethane
 Concen: 24.350 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

Tgt Ion: 94 Resp: 199348
 Ion Ratio Lower Upper
 94 100
 96 91.0 64.6 120.0

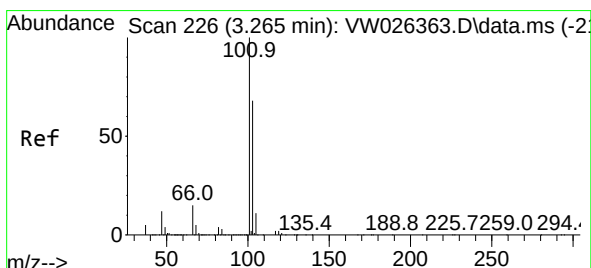
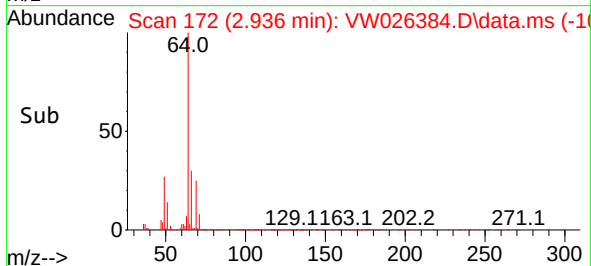
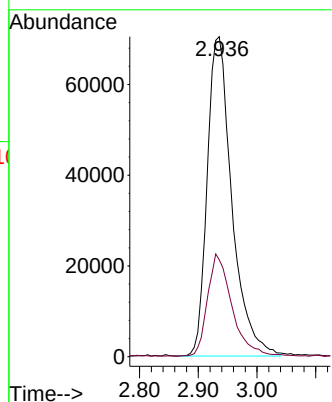
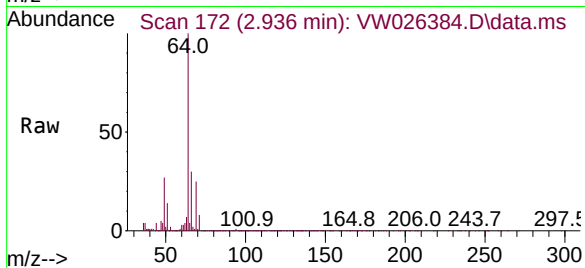




#8
Chloroethane
Concen: 25.702 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

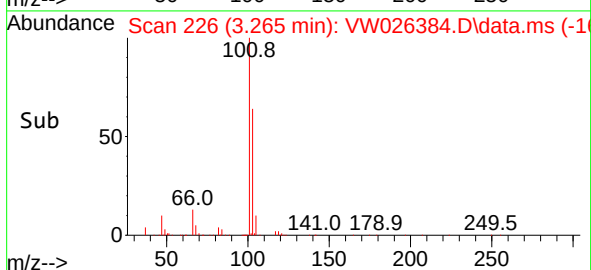
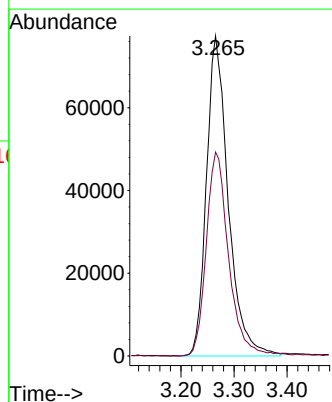
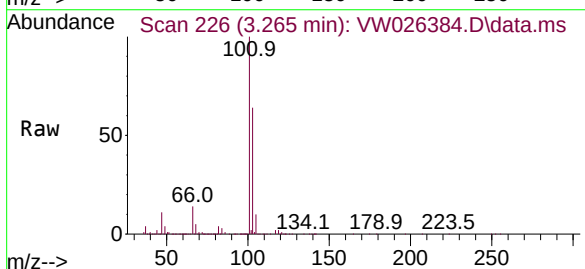
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ClientSampleId :
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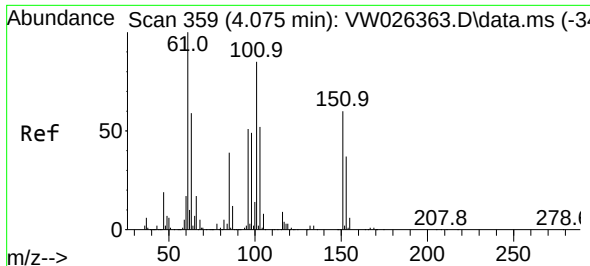
Tgt Ion: 64 Resp: 205564
Ion Ratio Lower Upper
64 100
66 30.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 20.929 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 101 Resp: 220192
Ion Ratio Lower Upper
101 100
103 65.3 52.9 79.3

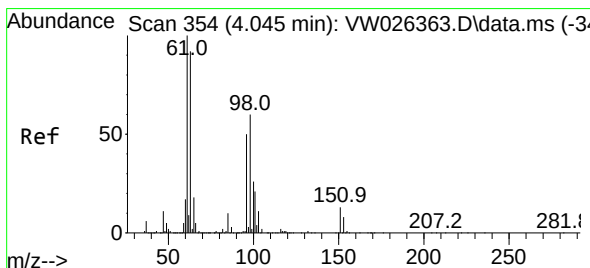
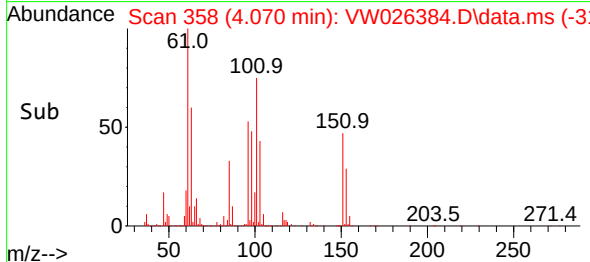
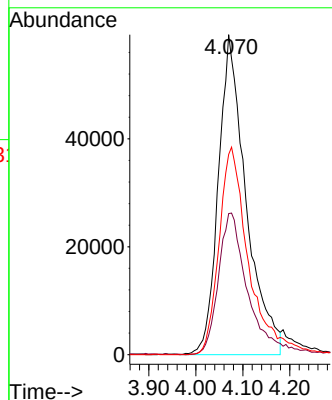
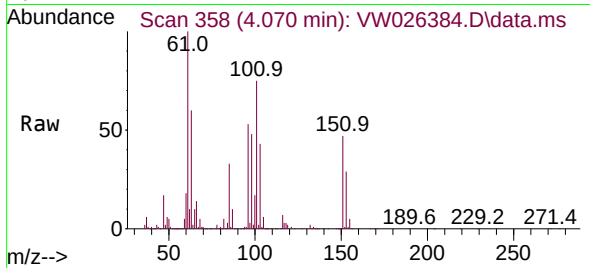




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.315 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

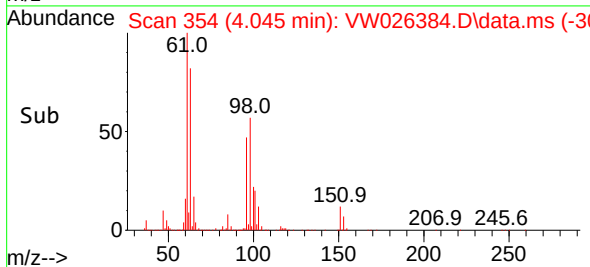
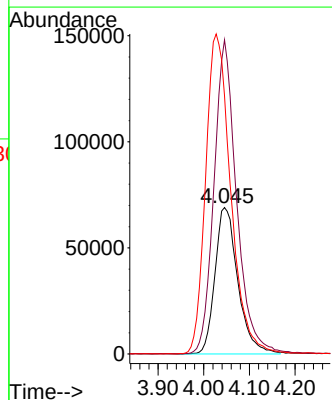
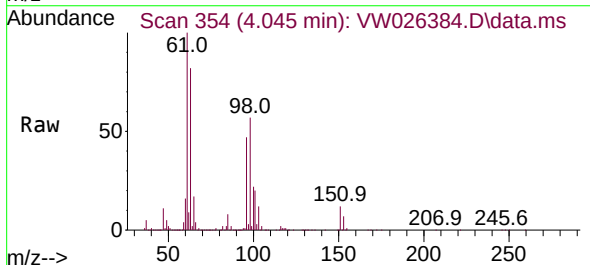
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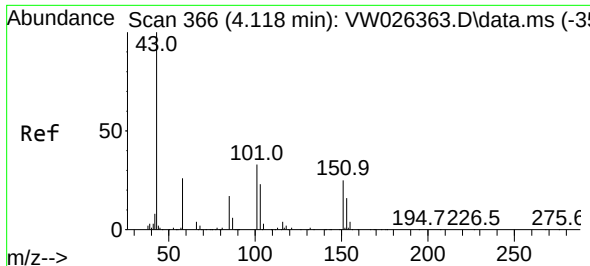
Tgt Ion:101 Resp: 242771
 Ion Ratio Lower Upper
 101 100
 85 46.9 35.4 53.0
 151 66.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.505 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

Tgt Ion: 96 Resp: 240166
 Ion Ratio Lower Upper
 96 100
 61 214.6 134.3 249.3
 63 176.4 112.3 208.5

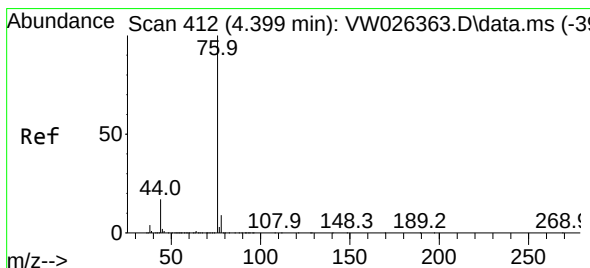
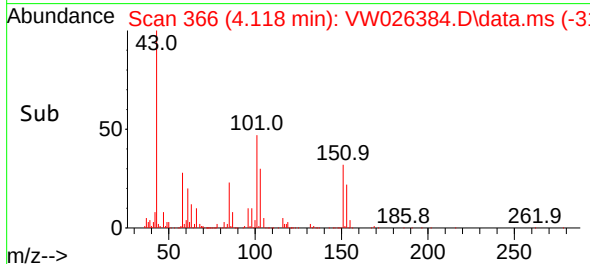
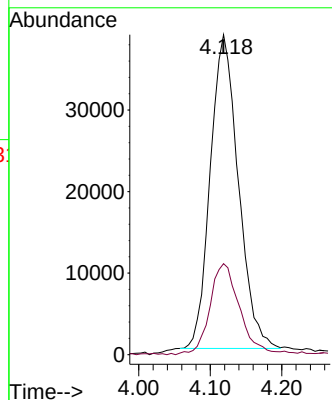
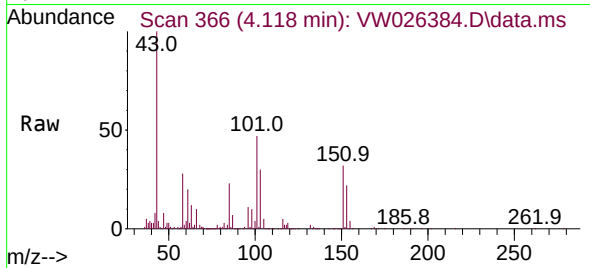




#13
Acetone
Concen: 34.767 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

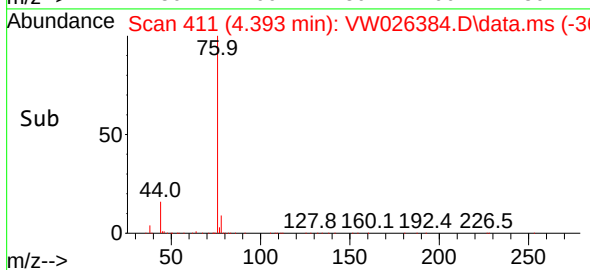
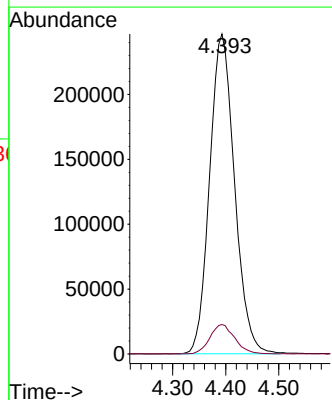
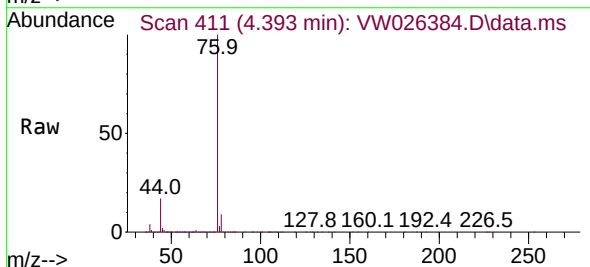
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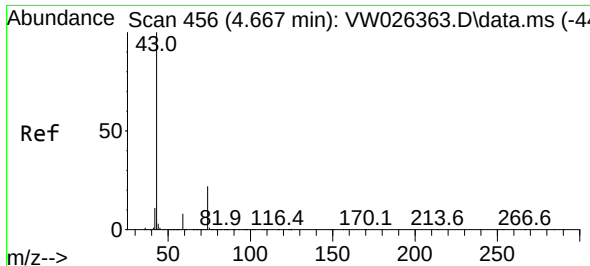
Tgt Ion: 43 Resp: 104864
Ion Ratio Lower Upper
43 100
58 30.6 0.0 55.8



#14
Carbon disulfide
Concen: 21.346 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 76 Resp: 804936
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

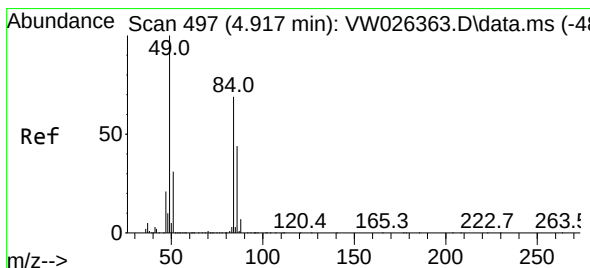
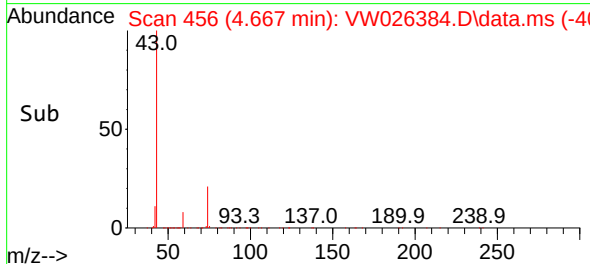
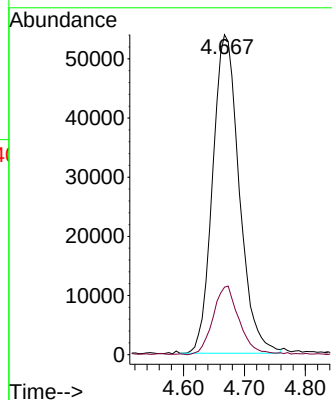
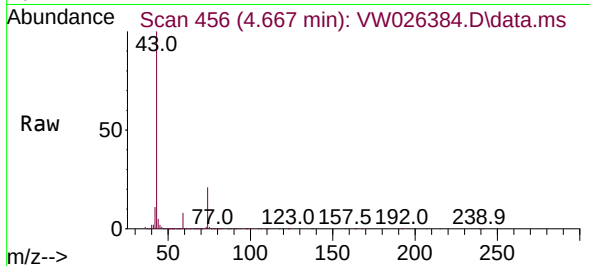




#15
Methyl Acetate
Concen: 23.637 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

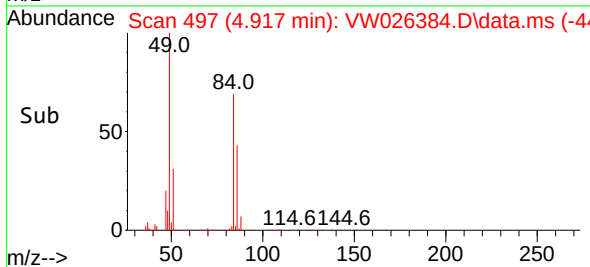
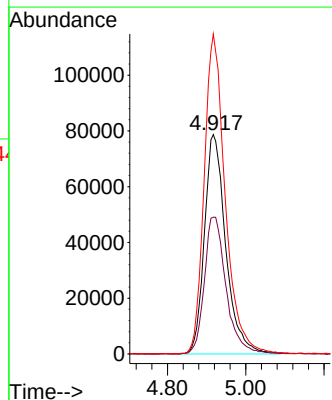
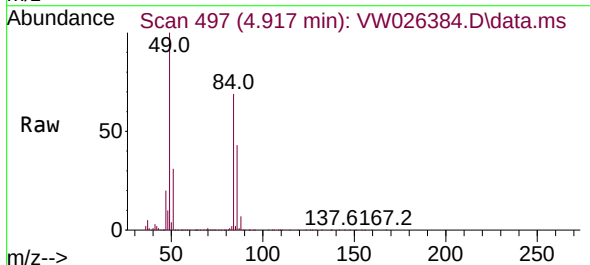
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

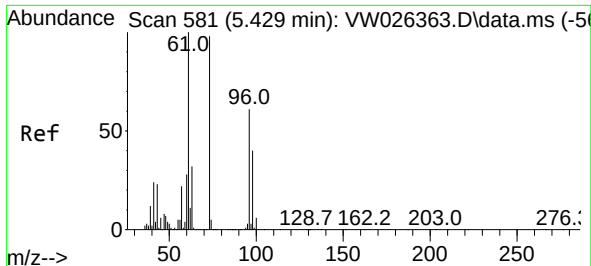
Tgt Ion: 43 Resp: 163439
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#16
Methylene chloride
Concen: 21.331 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 84 Resp: 297923
Ion Ratio Lower Upper
84 100
86 62.4 43.9 81.5
49 145.9 100.4 186.4

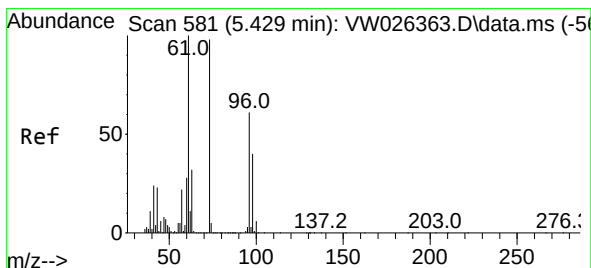
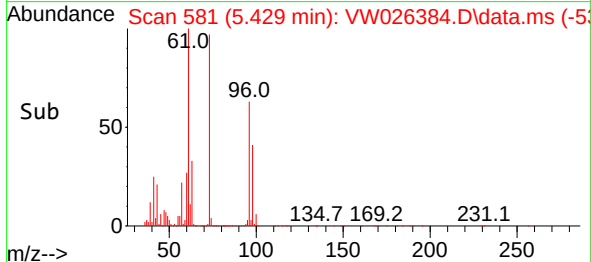
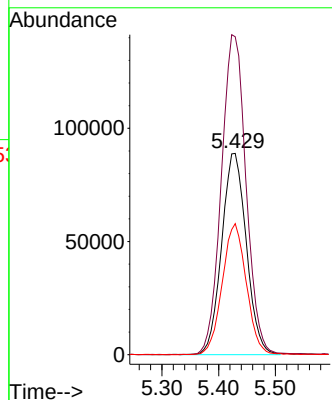
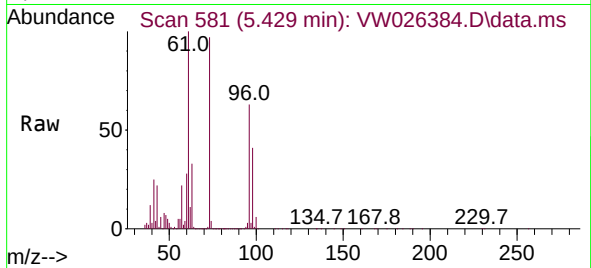




#17
trans-1,2-Dichloroethene
Concen: 22.926 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

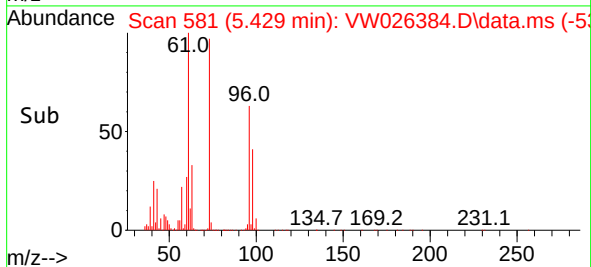
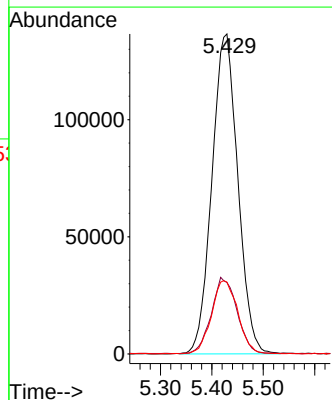
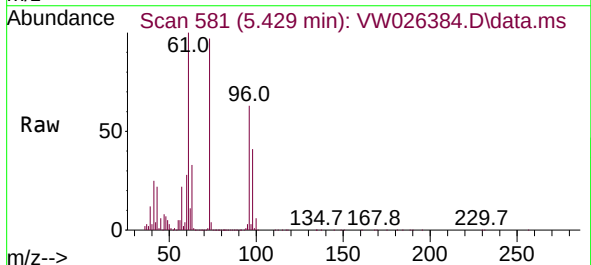
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

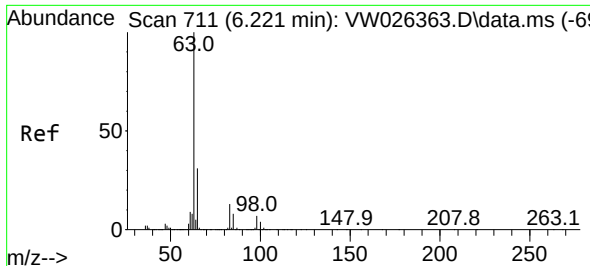
Tgt Ion: 96 Resp: 268903
Ion Ratio Lower Upper
96 100
61 158.0 106.1 197.1
98 65.1 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.066 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 73 Resp: 478185
Ion Ratio Lower Upper
73 100
43 23.6 18.1 27.1
57 23.2 19.5 29.3

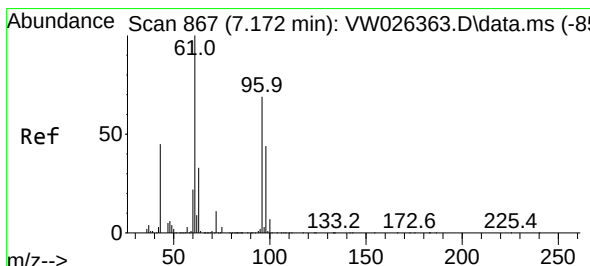
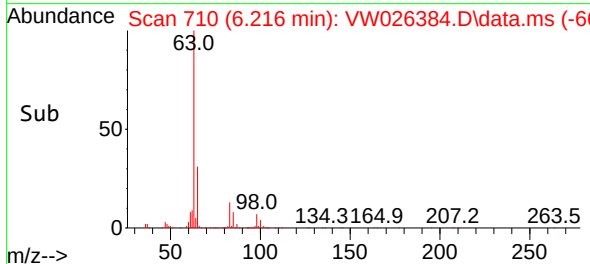
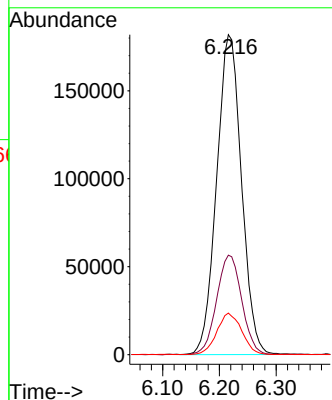
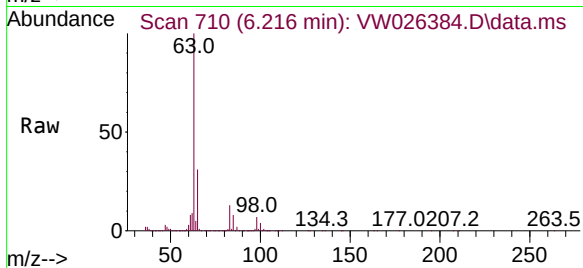




#19
1,1-Dichloroethane
Concen: 22.530 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

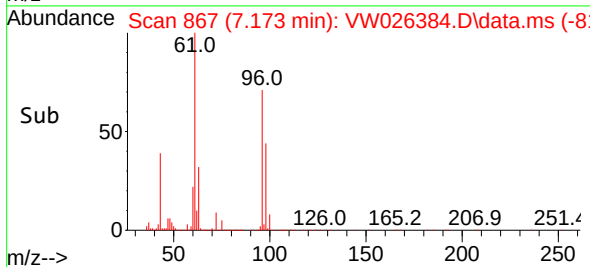
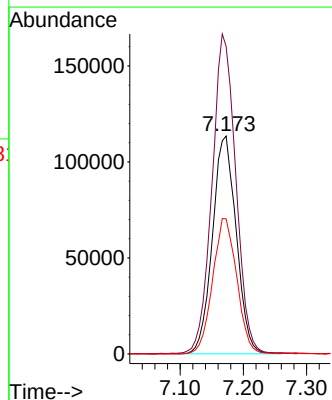
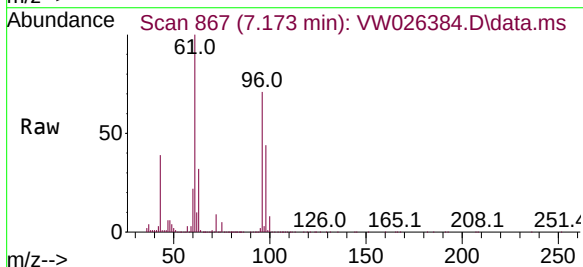
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

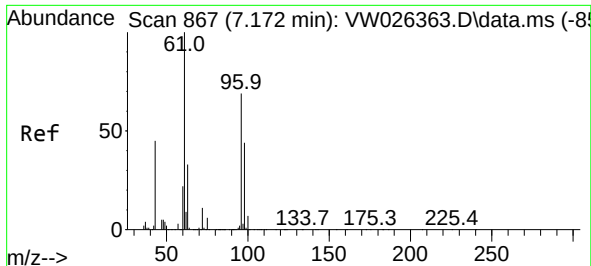
Tgt Ion: 63 Resp: 553454
Ion Ratio Lower Upper
63 100
65 31.1 22.8 42.4
83 13.0 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 23.390 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 96 Resp: 296474
Ion Ratio Lower Upper
96 100
61 141.2 100.8 187.2
98 62.0 45.7 84.9

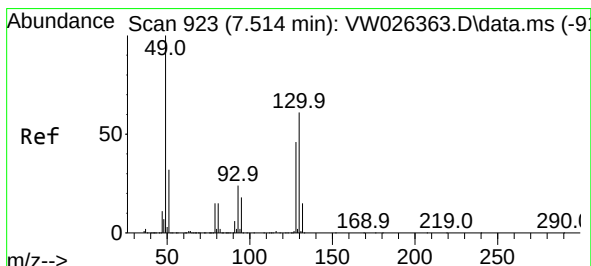
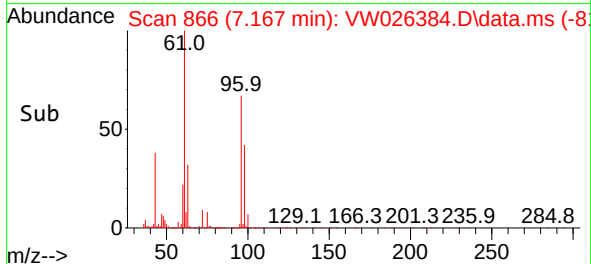
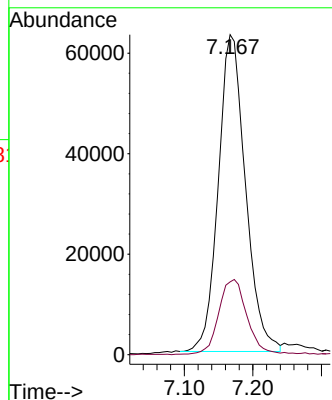
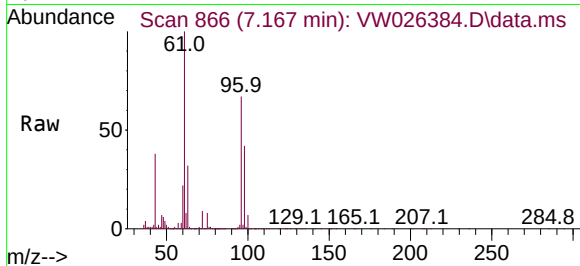




#22
2-Butanone
Concen: 37.596 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

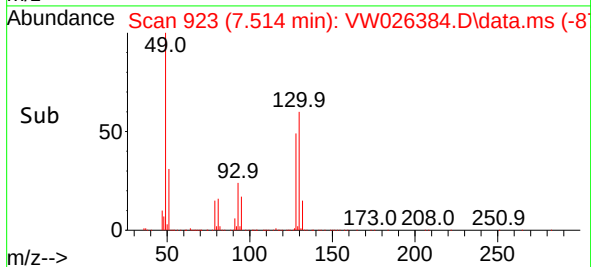
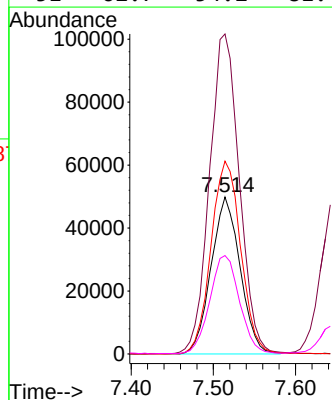
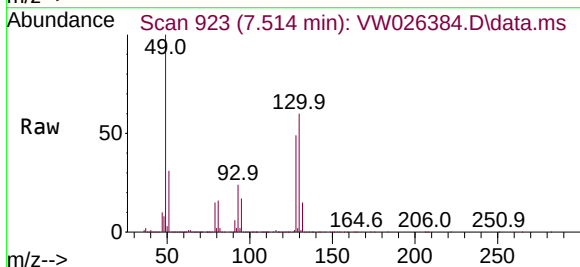
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

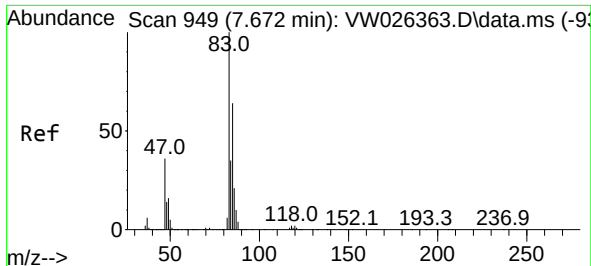
Tgt Ion: 43 Resp: 173506
Ion Ratio Lower Upper
43 100
72 24.9 11.8 35.3



#23
Bromochloromethane
Concen: 22.501 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 128 Resp: 122336
Ion Ratio Lower Upper
128 100
49 203.9 148.5 275.9
130 122.9 82.6 153.4
51 62.7 54.2 81.4

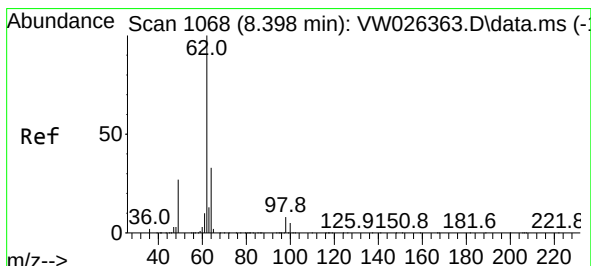
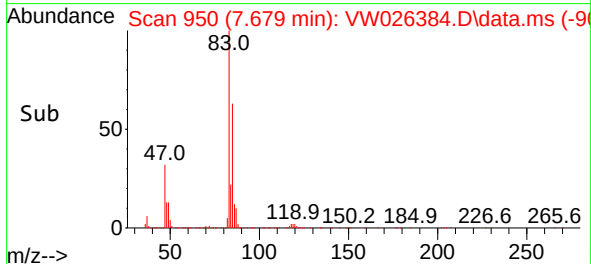
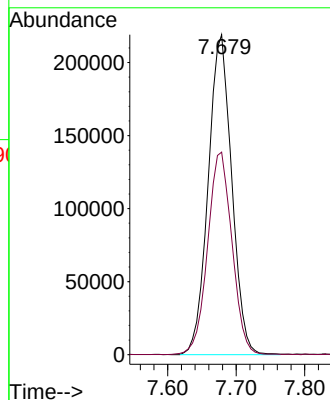
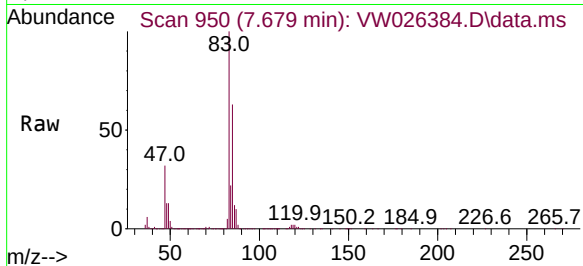




#25
Chloroform
Concen: 22.958 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

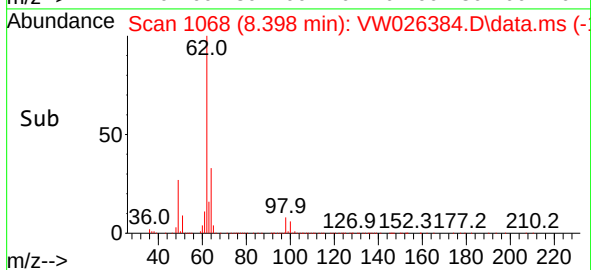
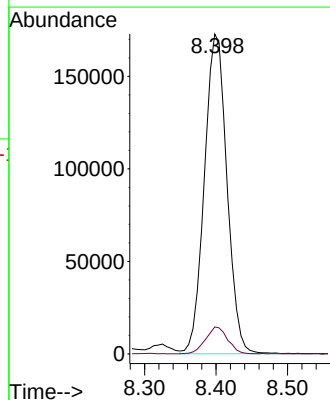
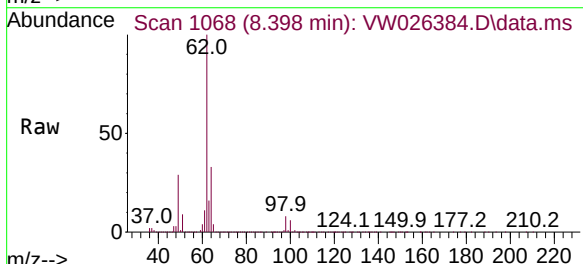
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

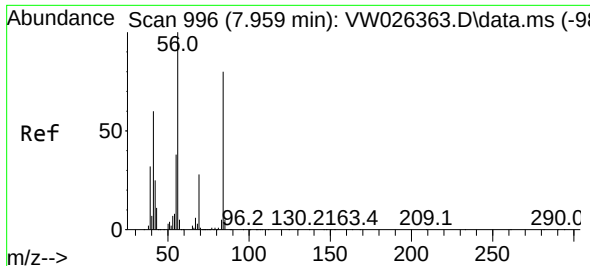
Tgt Ion: 83 Resp: 522679
Ion Ratio Lower Upper
83 100
85 63.3 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.146 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 62 Resp: 378860
Ion Ratio Lower Upper
62 100
98 8.4 7.5 11.3

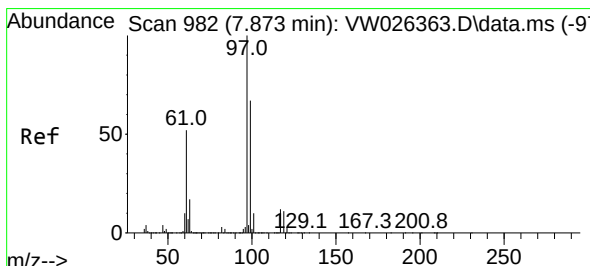
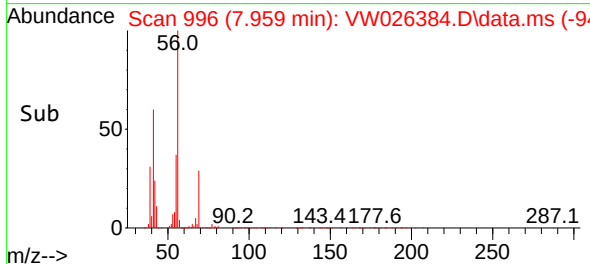
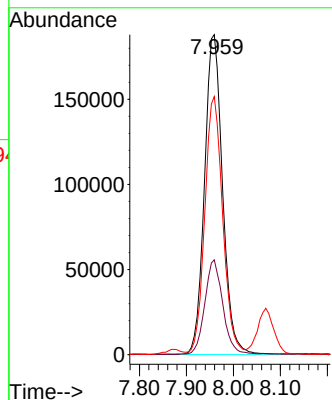
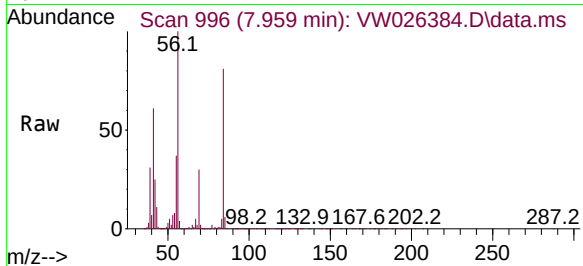




#29
Cyclohexane
Concen: 23.998 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

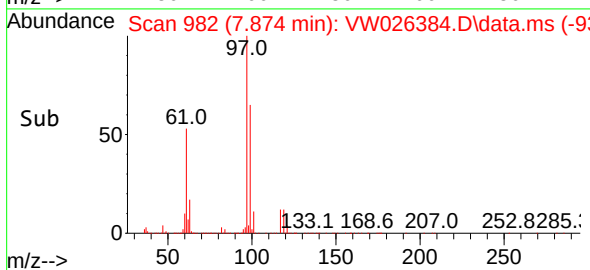
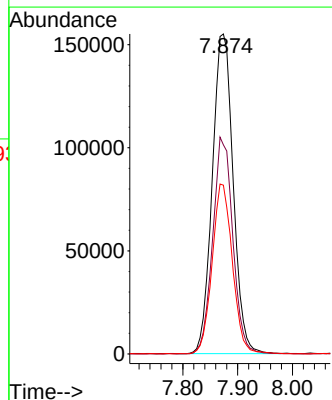
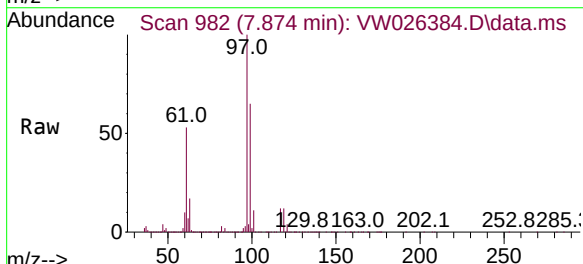
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

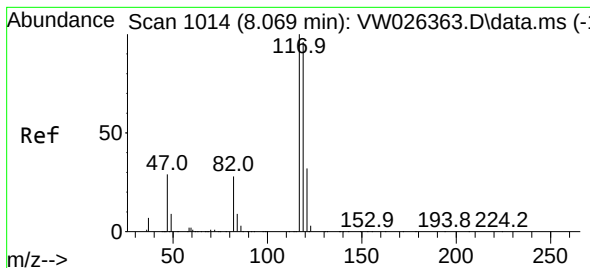
Tgt Ion: 56 Resp: 501686
Ion Ratio Lower Upper
56 100
69 29.2 23.0 34.4
84 80.1 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 23.442 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 97 Resp: 410550
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 51.5 41.4 62.2





#31

Carbon tetrachloride

Concen: 23.493 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Instrument :

MSVOA_W

ClientSampleId :

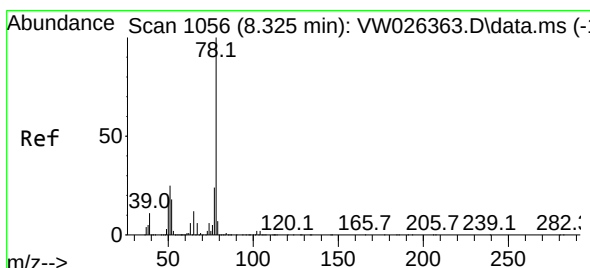
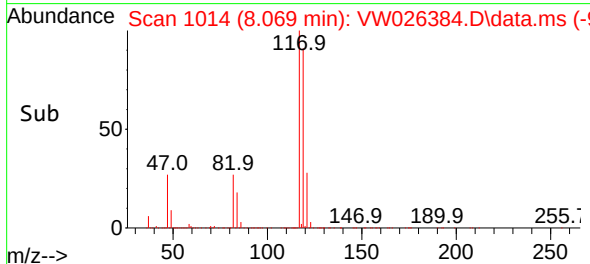
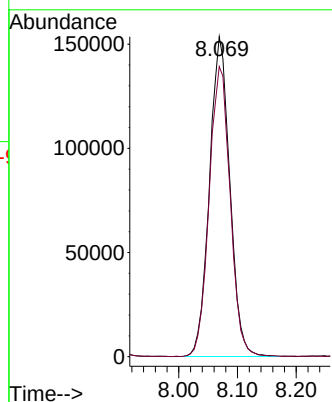
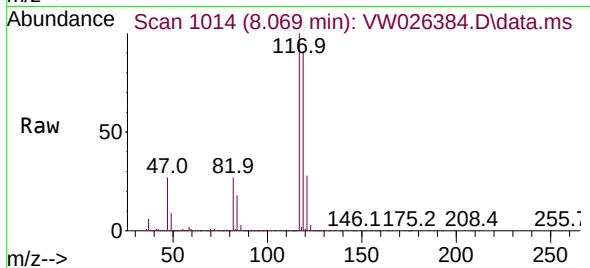
VSTD025538

Tgt Ion:117 Resp: 369869

Ion Ratio Lower Upper

117 100

119 93.3 77.7 116.5



#33

Benzene

Concen: 23.398 ug/L

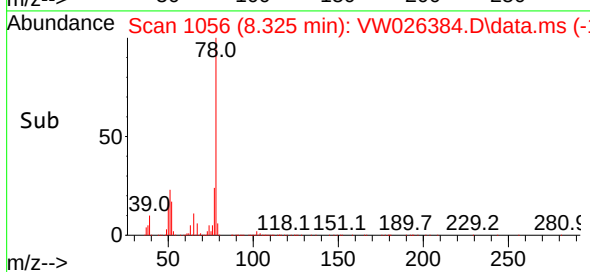
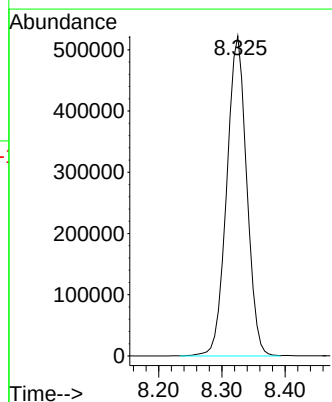
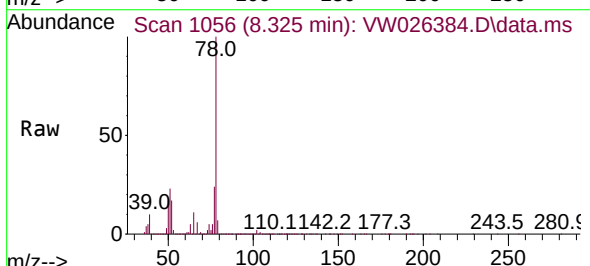
RT: 8.325 min Scan# 1056

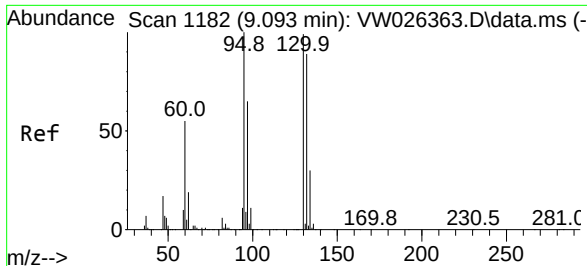
Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Tgt Ion: 78 Resp: 1144239



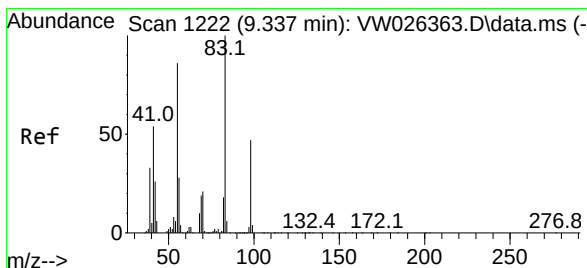
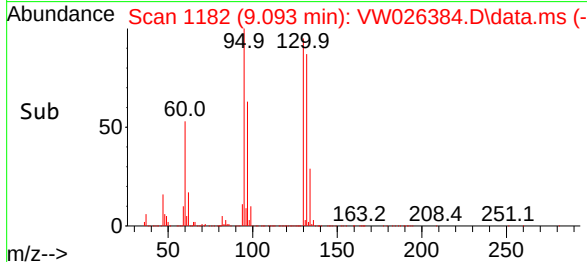
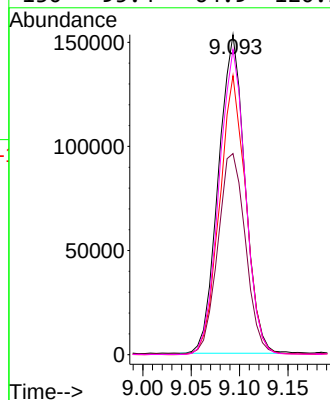
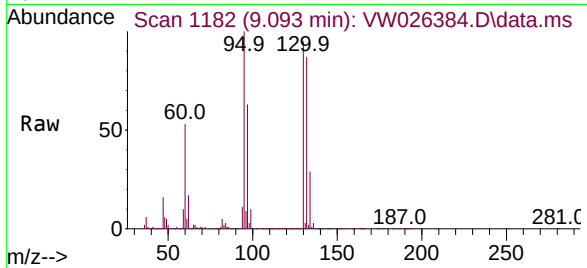


#34
Trichloroethene
Concen: 23.271 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Tgt Ion: 95 Resp: 291369

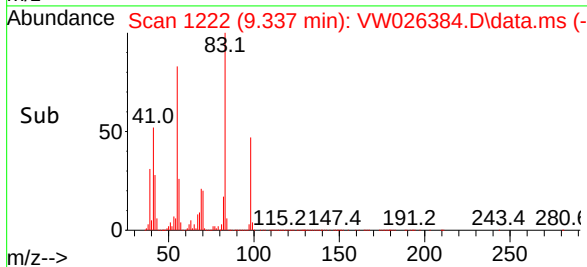
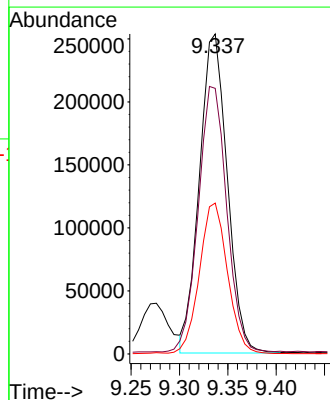
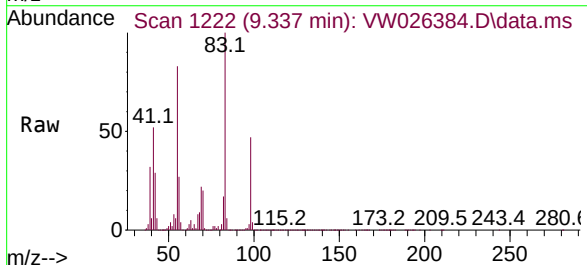
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.5	82.7
132	87.2	63.3	117.5
130	95.4	64.9	120.5

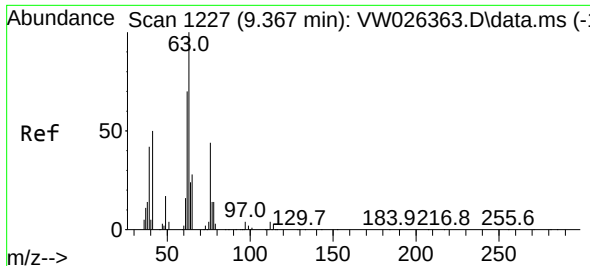


#35
Methylcyclohexane
Concen: 23.681 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 83 Resp: 508480

Ion	Ratio	Lower	Upper
83	100		
55	85.0	68.8	103.2
98	47.4	37.8	56.6

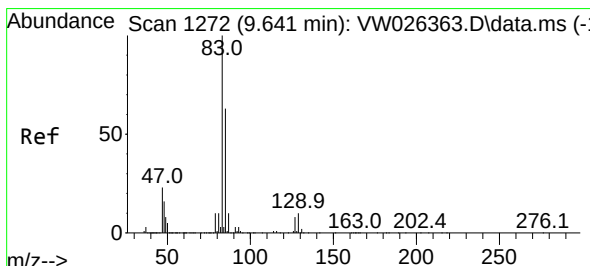
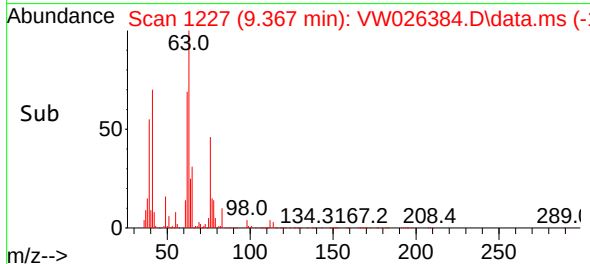
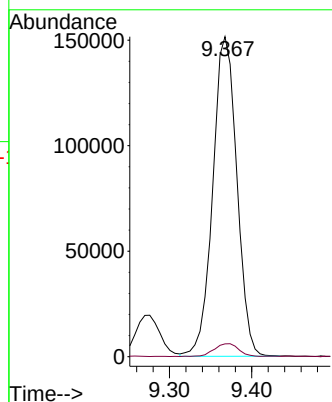
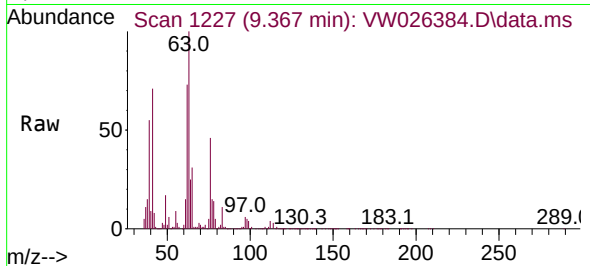




#37
 1,2-Dichloropropane
 Concen: 22.570 ug/L
 RT: 9.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

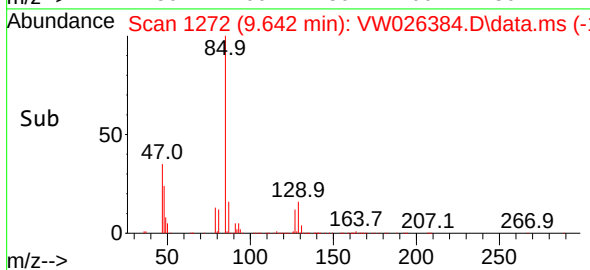
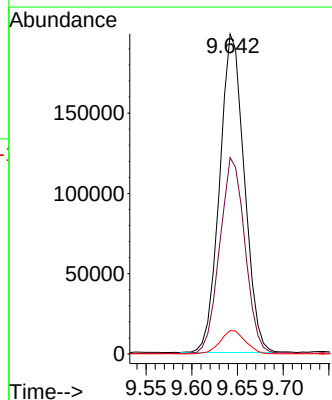
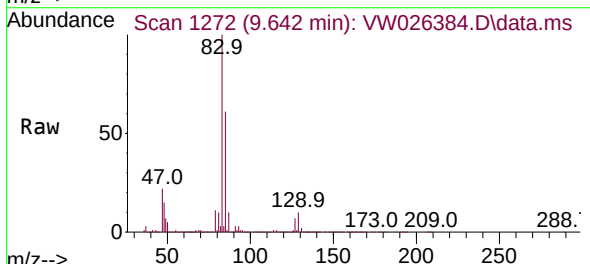
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

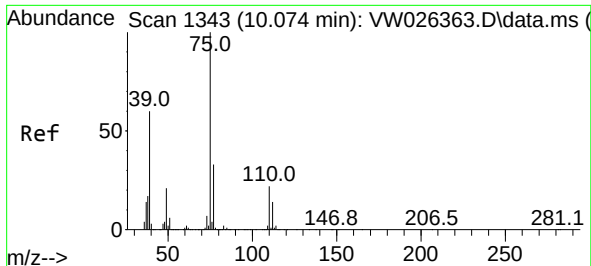
Tgt Ion: 63 Resp: 308369
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.0 4.6



#38
 Bromodichloromethane
 Concen: 23.793 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

Tgt Ion: 83 Resp: 373310
 Ion Ratio Lower Upper
 83 100
 85 61.4 44.9 83.5
 127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.510 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Instrument :

MSVOA_W

ClientSampleId :

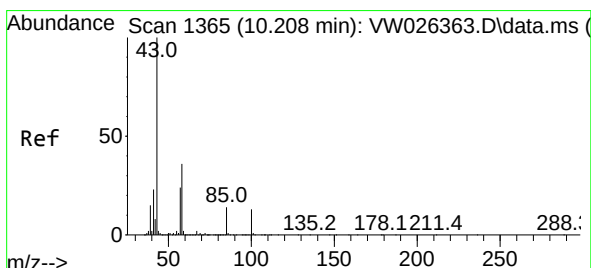
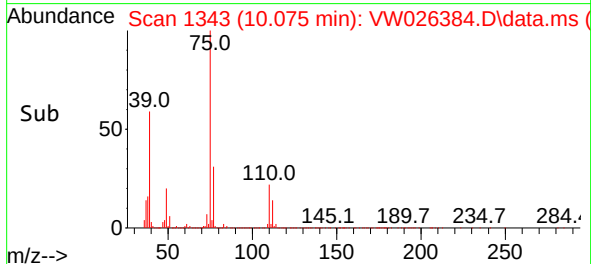
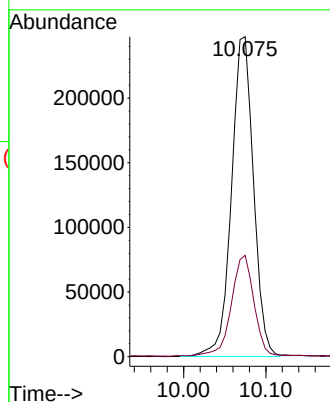
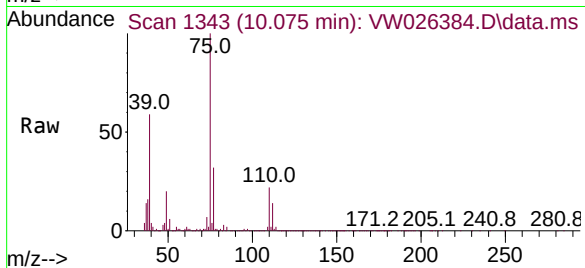
VSTD025538

Tgt Ion: 75 Resp: 460215

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.111 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

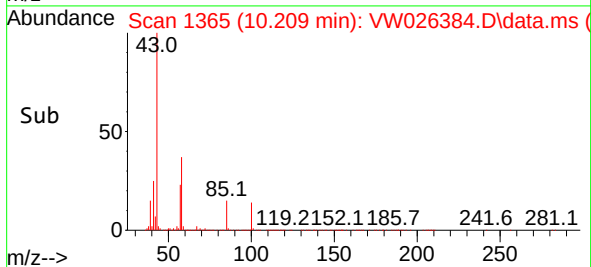
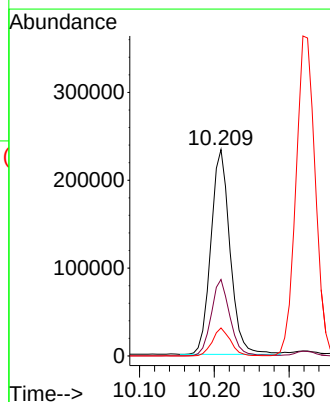
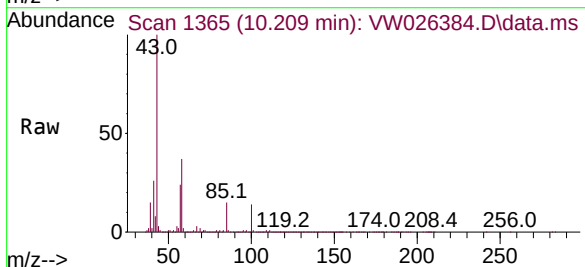
Tgt Ion: 43 Resp: 415466

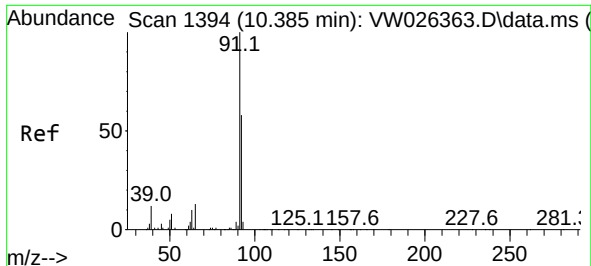
Ion Ratio Lower Upper

43 100

58 36.0 28.6 42.8

100 13.1 9.9 14.9

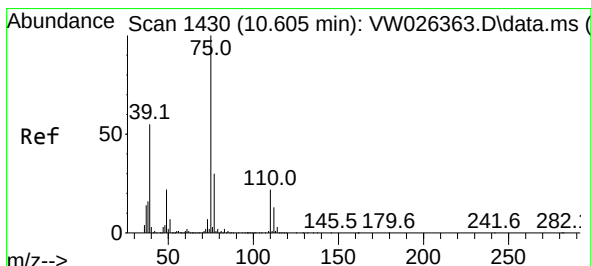
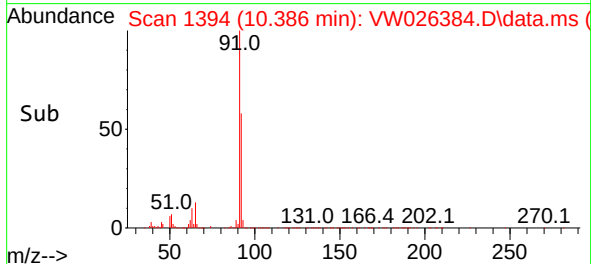
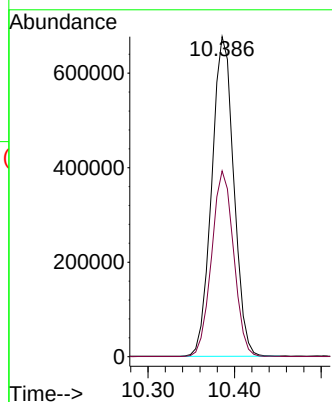
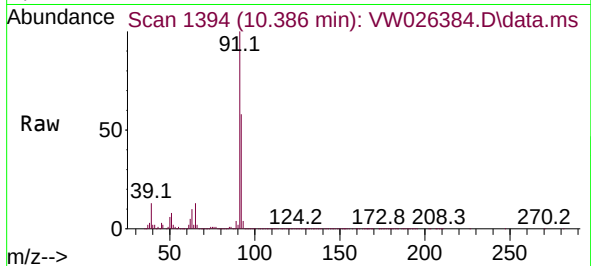




#42
Toluene
Concen: 24.379 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

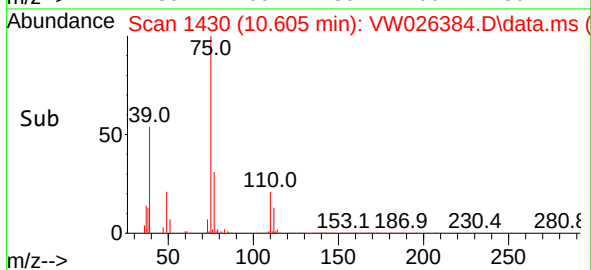
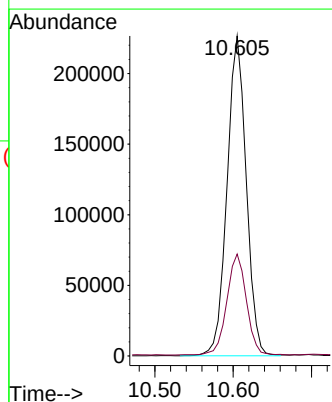
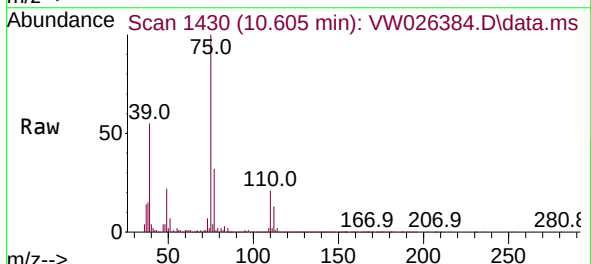
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

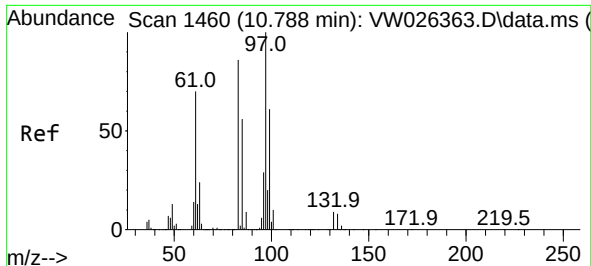
Tgt Ion: 91 Resp: 1195980
Ion Ratio Lower Upper
91 100
92 58.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 23.339 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 75 Resp: 385633
Ion Ratio Lower Upper
75 100
77 31.8 21.6 40.2



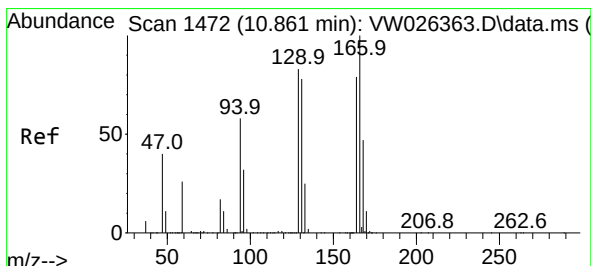
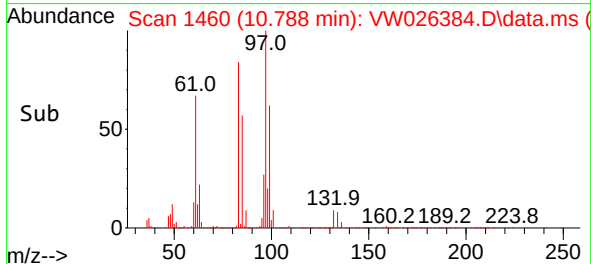
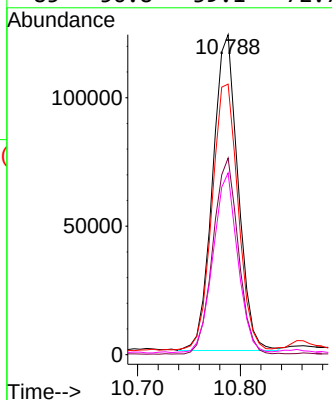
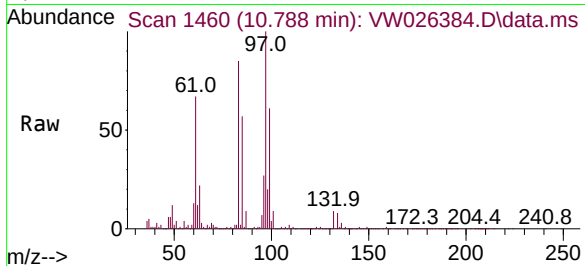


#45
1,1,2-Trichloroethane
Concen: 23.072 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Tgt Ion: 97 Resp: 211064

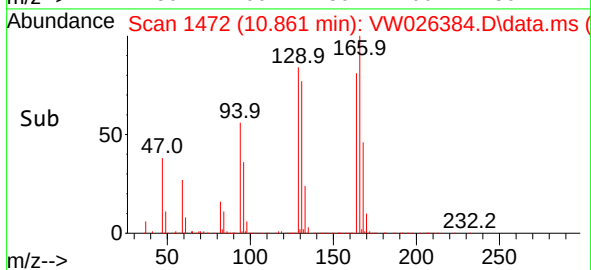
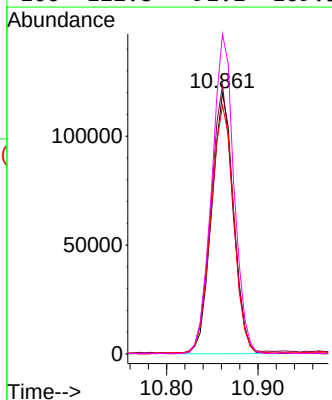
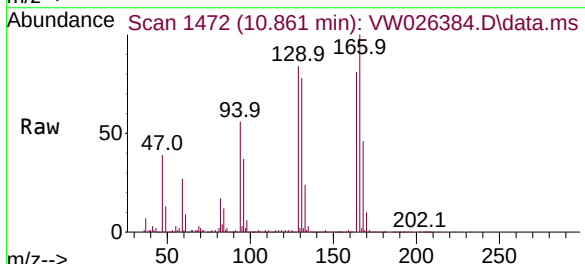
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.4	78.6
83	84.6	60.8	113.0
85	56.8	39.1	72.7

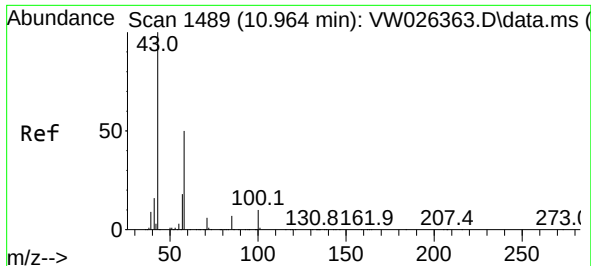


#46
Tetrachloroethene
Concen: 22.633 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 164 Resp: 199649

Ion	Ratio	Lower	Upper
164	100		
129	103.1	73.8	137.0
131	95.3	69.0	128.2
166	122.8	91.1	169.3



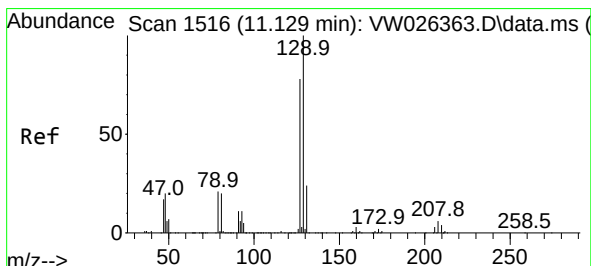
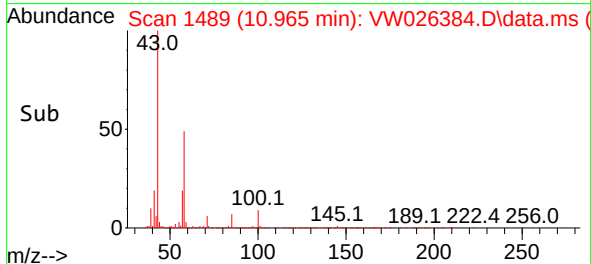
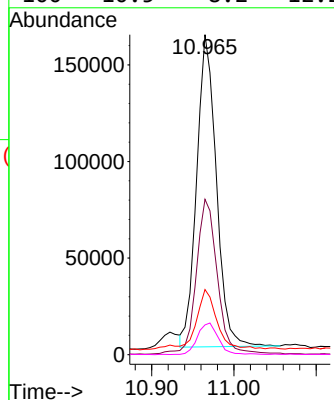
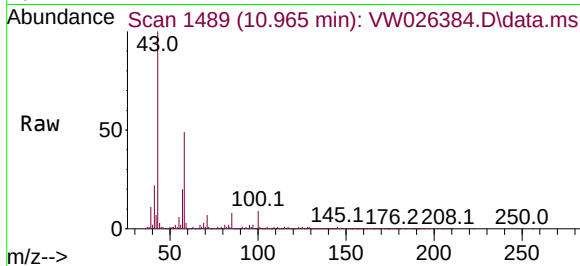


#48
2-Hexanone
Concen: 43.217 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Tgt Ion: 43 Resp: 268921

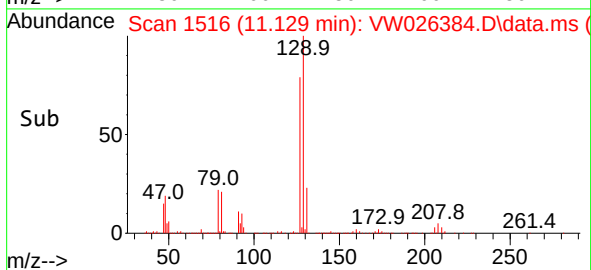
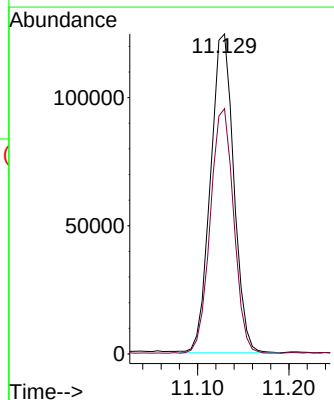
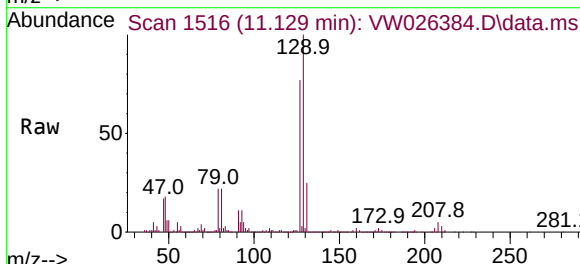
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.1	60.1
57	17.4	13.4	20.0
100	10.5	8.2	12.2

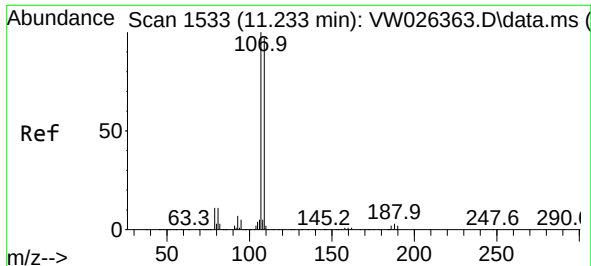


#49
Dibromochloromethane
Concen: 23.554 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 129 Resp: 220627

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.4	101.0

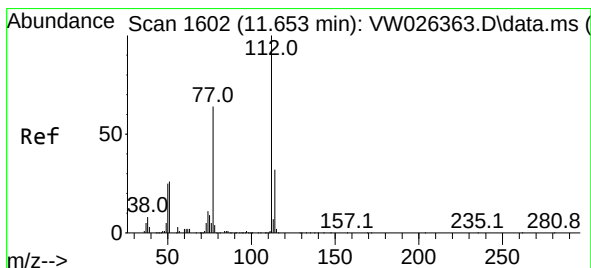
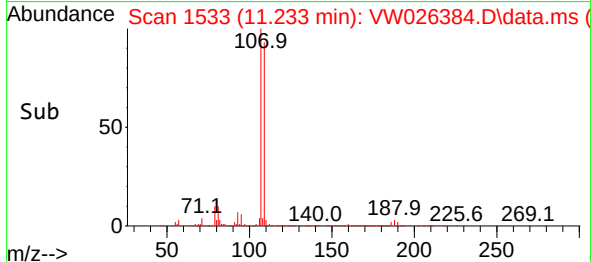
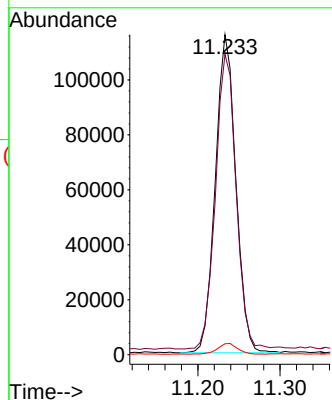
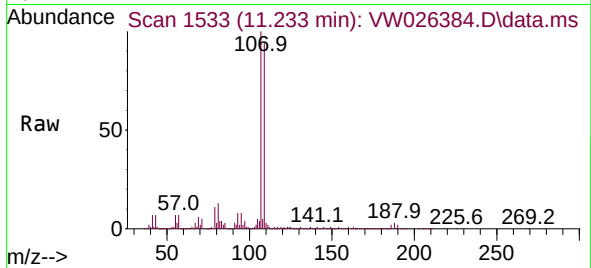




#50
1,2-Dibromoethane
Concen: 23.907 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

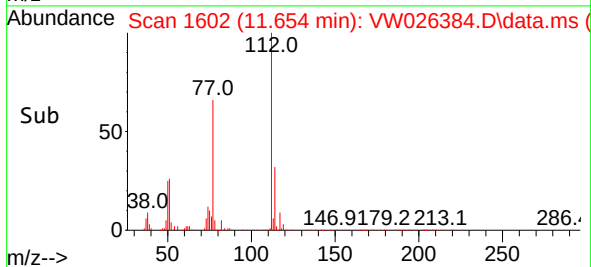
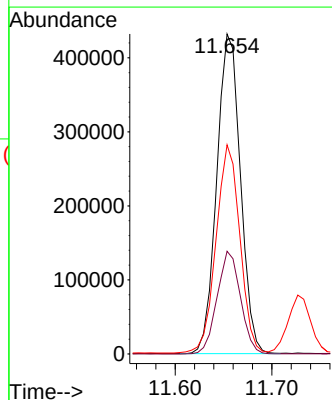
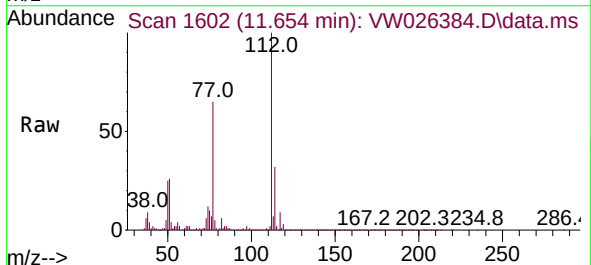
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

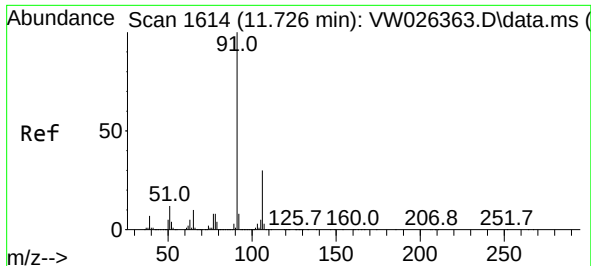
Tgt Ion:107 Resp: 200791
Ion Ratio Lower Upper
107 100
109 93.8 67.1 124.5
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 23.459 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion:112 Resp: 734060
Ion Ratio Lower Upper
112 100
114 32.1 23.0 42.8
77 65.4 53.2 79.8

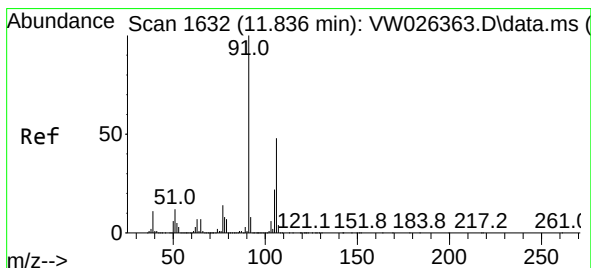
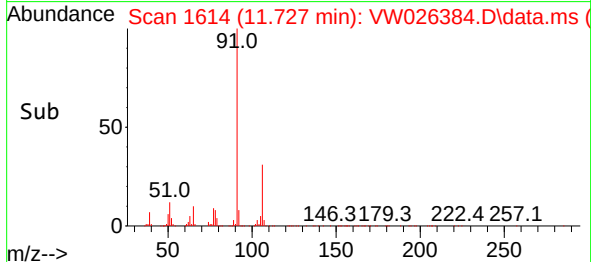
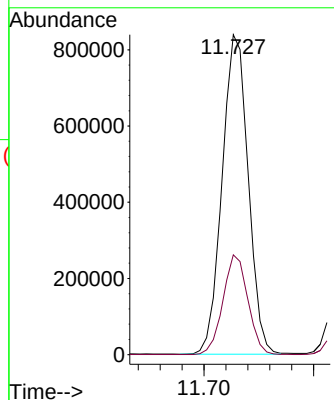
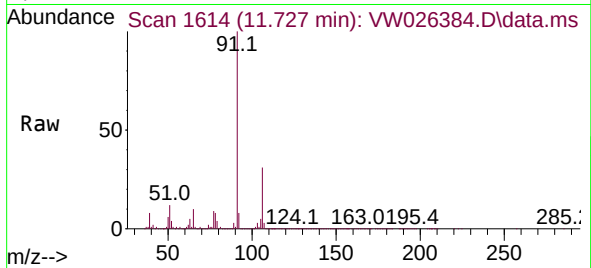




#52
Ethylbenzene
Concen: 25.028 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

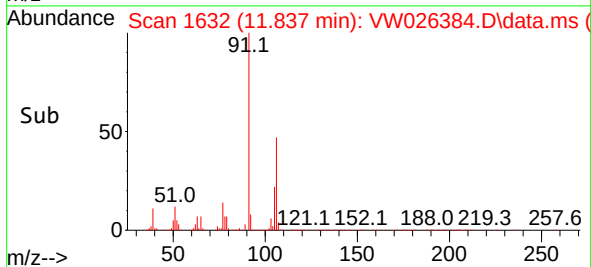
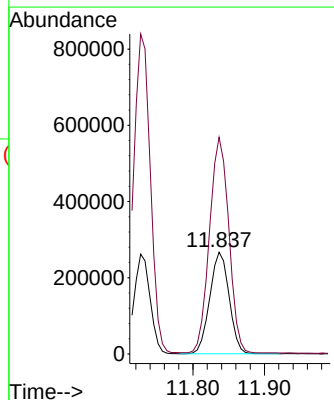
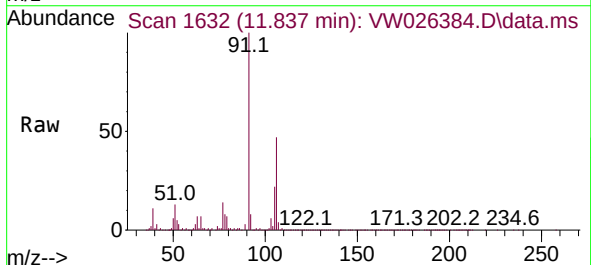
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

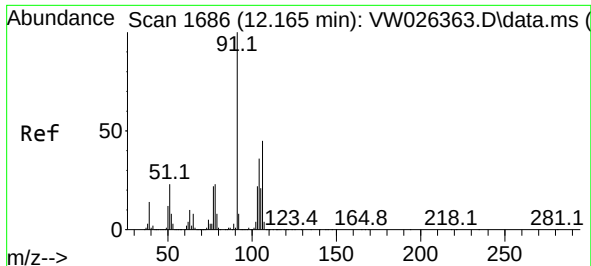
Tgt Ion: 91 Resp: 1383498
Ion Ratio Lower Upper
91 100
106 31.2 19.9 36.9



#53
m,p-Xylene
Concen: 24.836 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion:106 Resp: 500686
Ion Ratio Lower Upper
106 100
91 212.8 152.1 282.5

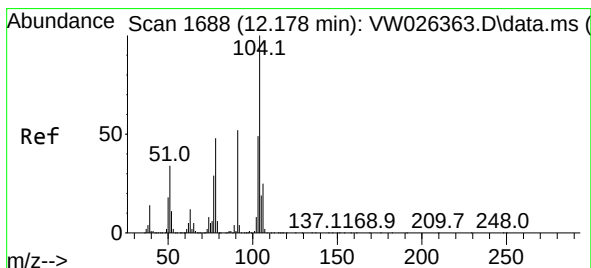
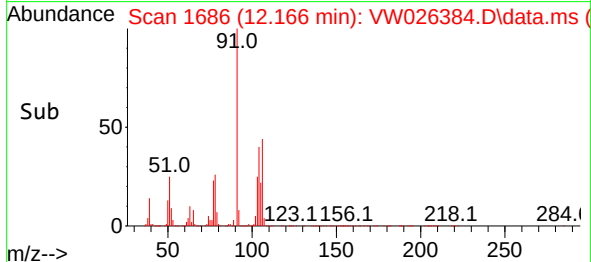
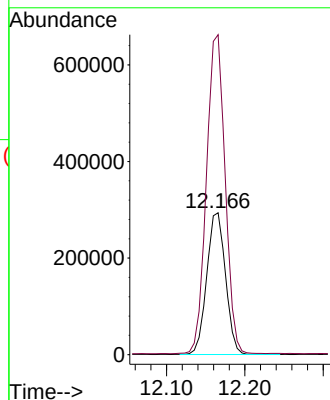
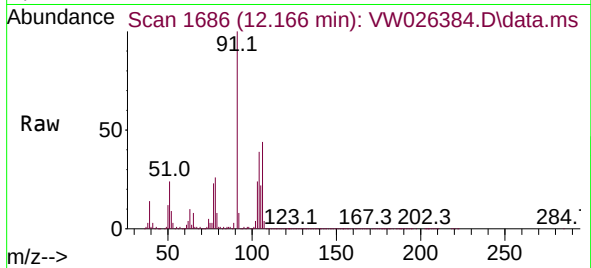




#54
o-Xylene
Concen: 25.664 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

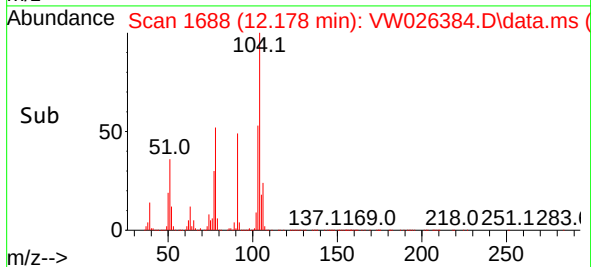
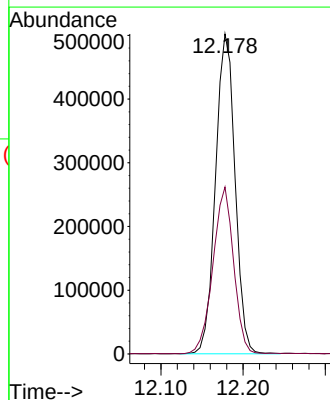
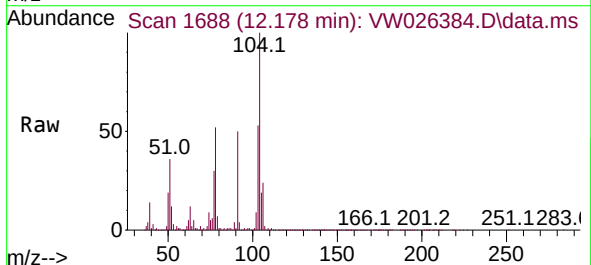
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

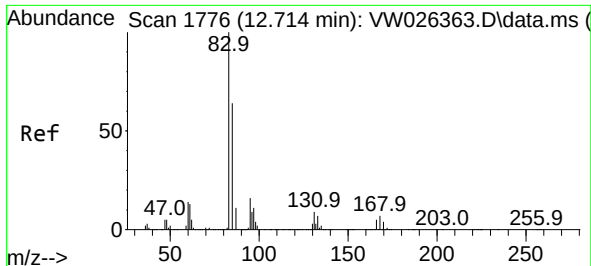
Tgt Ion:106 Resp: 487141
Ion Ratio Lower Upper
106 100
91 225.5 161.5 299.9



#55
Styrene
Concen: 24.958 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion:104 Resp: 826266
Ion Ratio Lower Upper
104 100
78 52.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.441 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

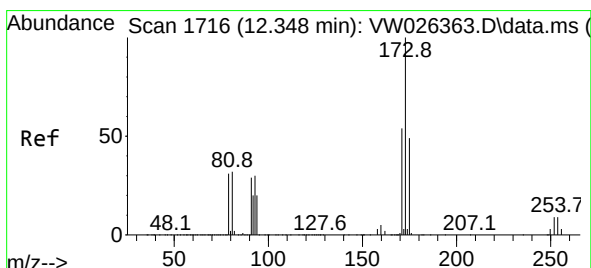
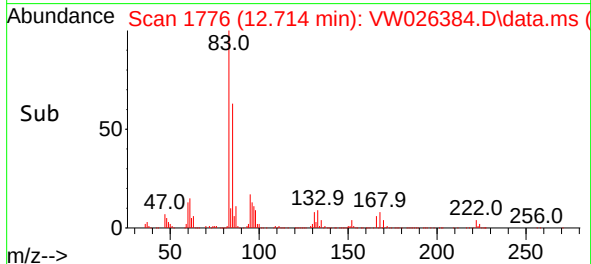
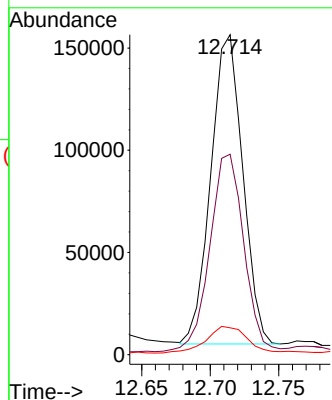
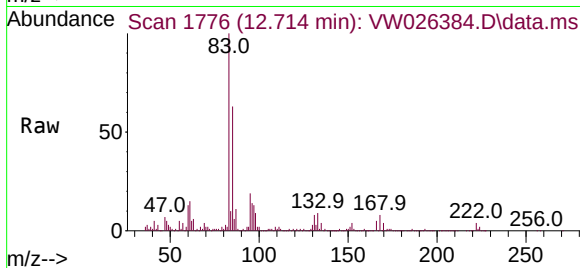
Tgt Ion: 83 Resp: 245172

Ion Ratio Lower Upper

83 100

85 62.6 43.7 81.1

131 8.4 7.4 11.0



#59

Bromoform

Concen: 22.812 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

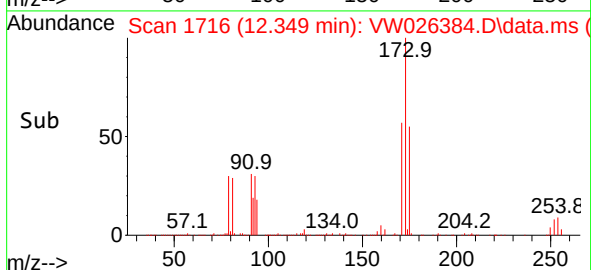
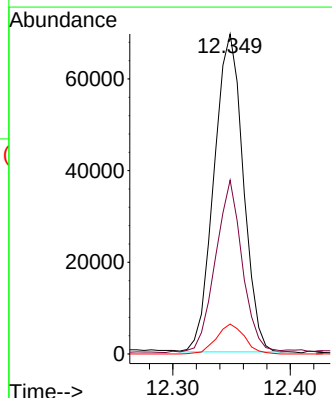
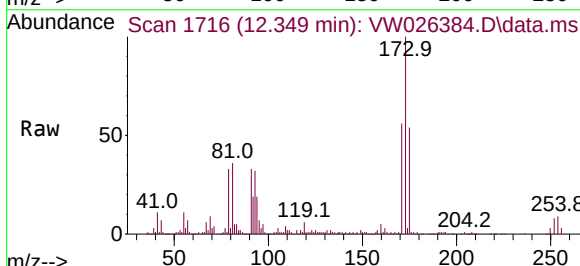
Tgt Ion:173 Resp: 119832

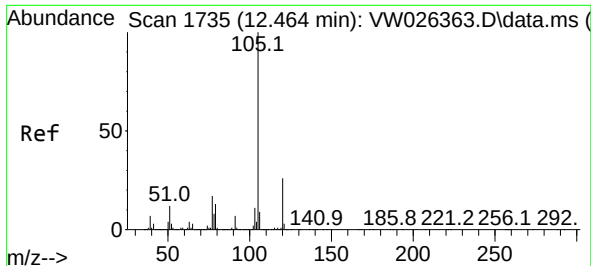
Ion Ratio Lower Upper

173 100

175 50.8 39.7 59.5

254 9.1 7.1 10.7

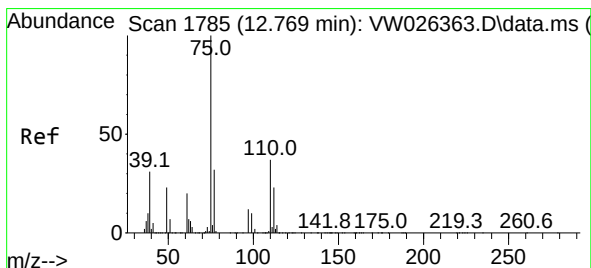
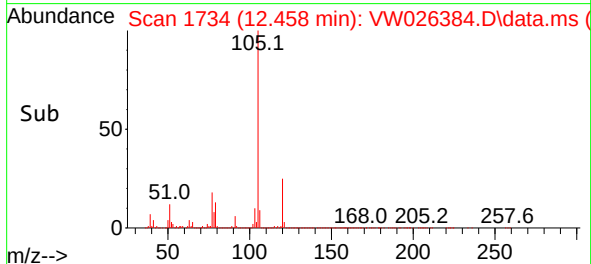
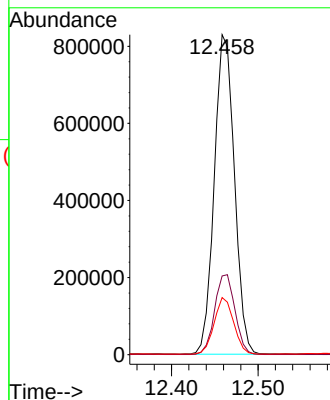
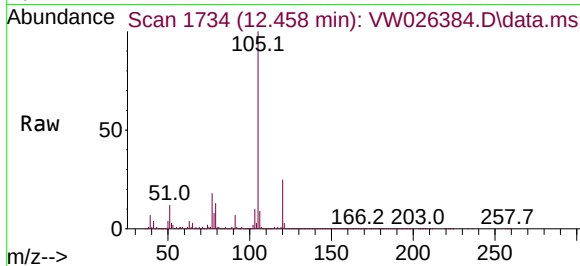




#60
Isopropylbenzene
Concen: 25.637 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

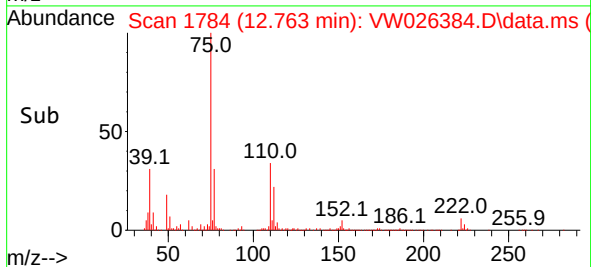
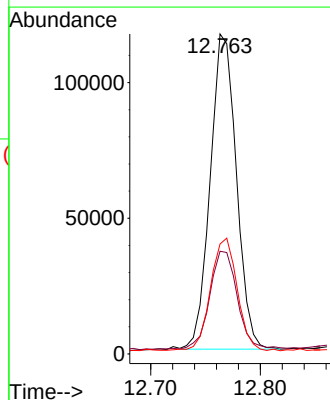
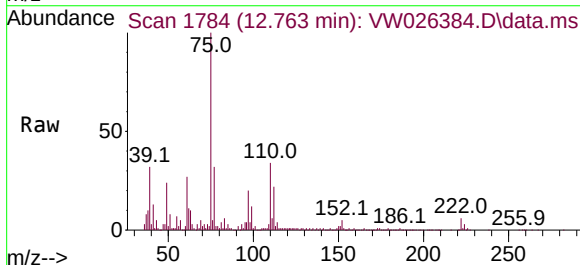
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

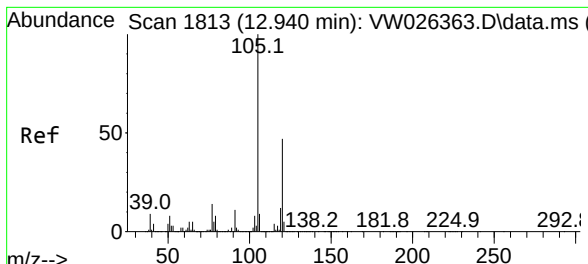
Tgt Ion:105 Resp: 1337975
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 17.1 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 22.847 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion: 75 Resp: 192852
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9
110 35.8 29.4 44.0

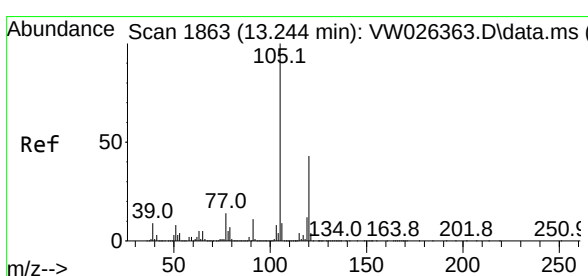
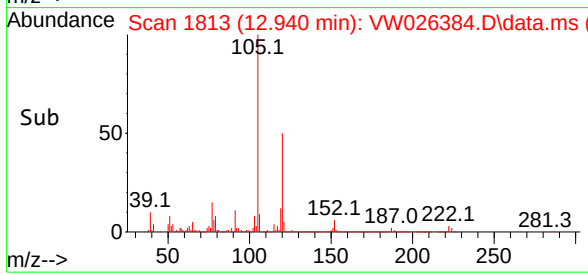
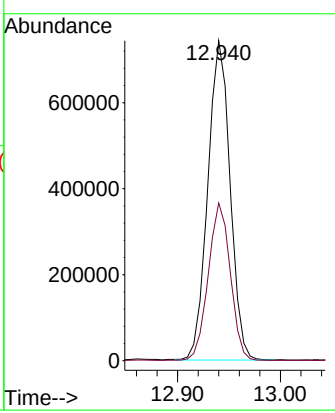
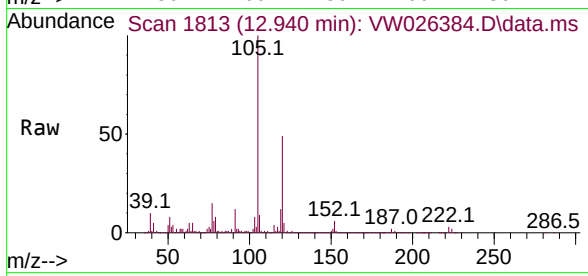




#62
 1,3,5-Trimethylbenzene
 Concen: 27.607 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

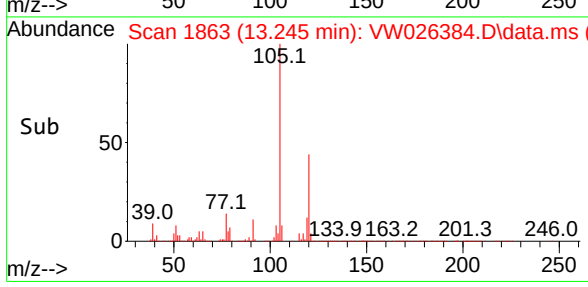
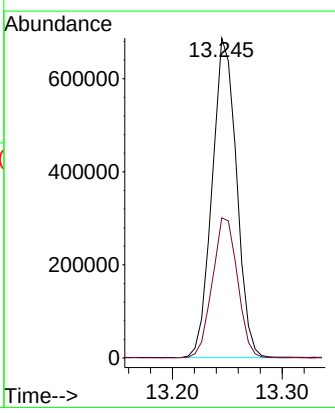
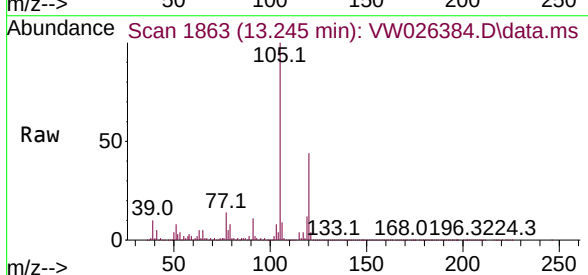
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

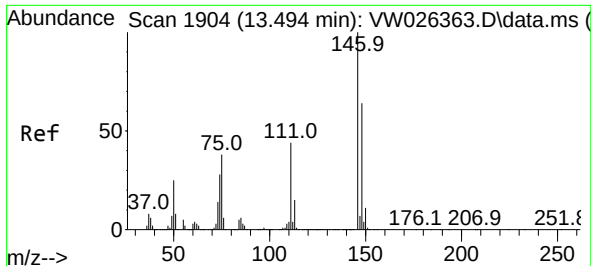
Tgt Ion:105 Resp: 1116872
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 27.202 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026384.D
 Acq: 28 Jun 2023 04:00

Tgt Ion:105 Resp: 1061394
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.0 52.6

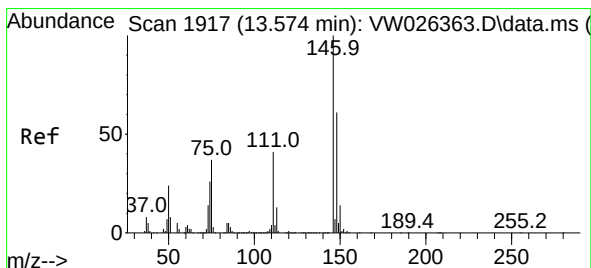
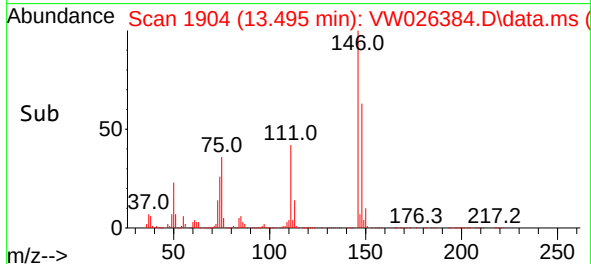
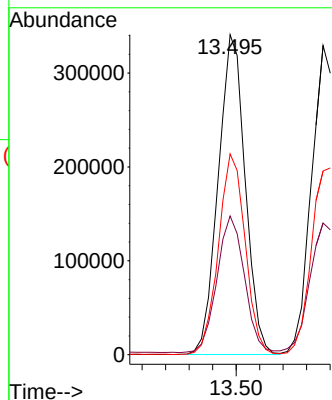
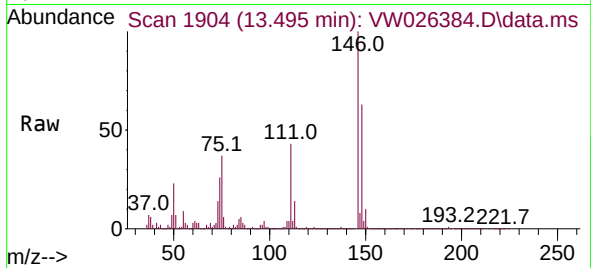




#64
1,3-Dichlorobenzene
Concen: 24.312 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

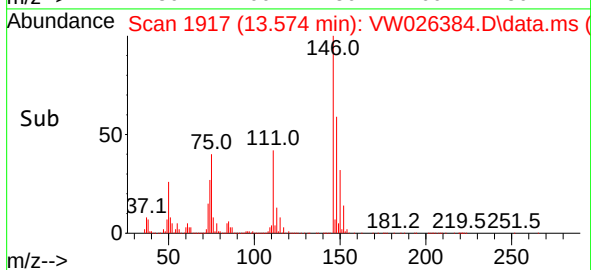
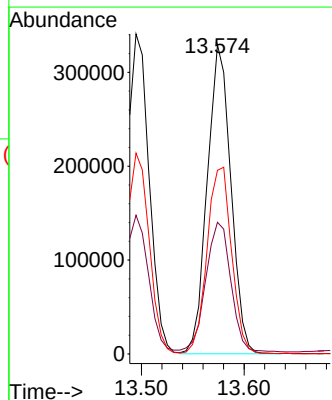
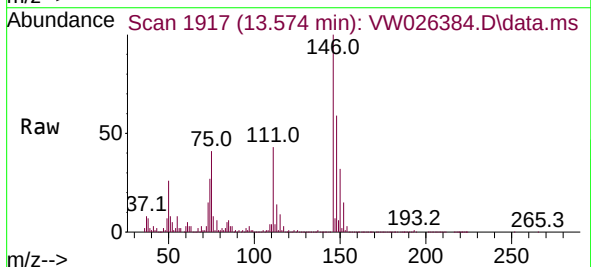
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

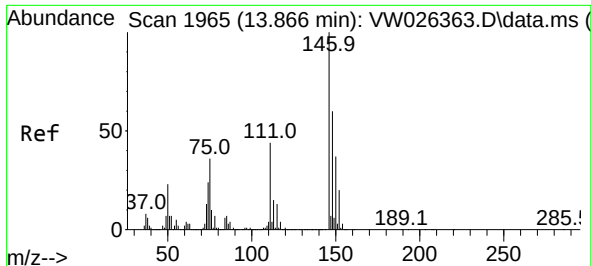
Tgt Ion:146 Resp: 543443
Ion Ratio Lower Upper
146 100
111 43.3 30.8 57.2
148 62.7 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 23.489 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion:146 Resp: 525450
Ion Ratio Lower Upper
146 100
111 42.6 30.0 55.8
148 59.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.897 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

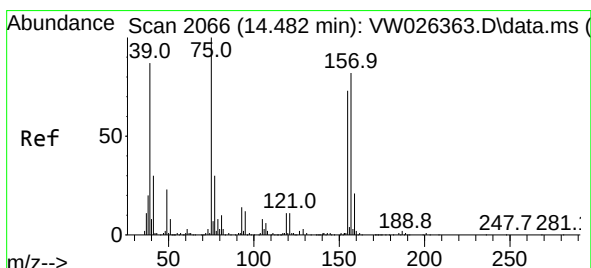
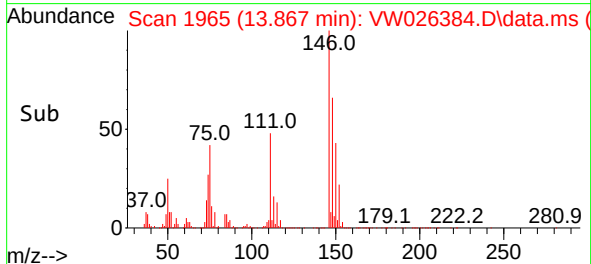
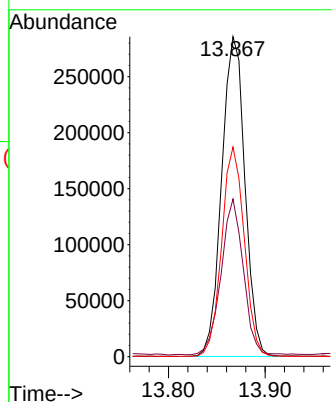
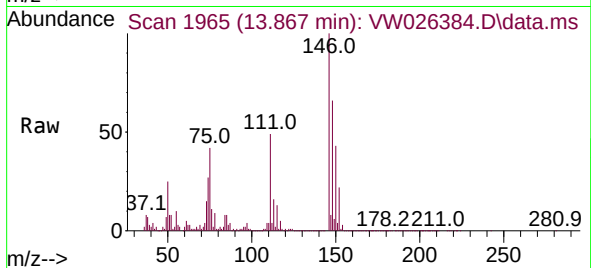
Tgt Ion:146 Resp: 475759

Ion Ratio Lower Upper

146 100

111 49.3 36.0 54.0

148 65.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.595 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

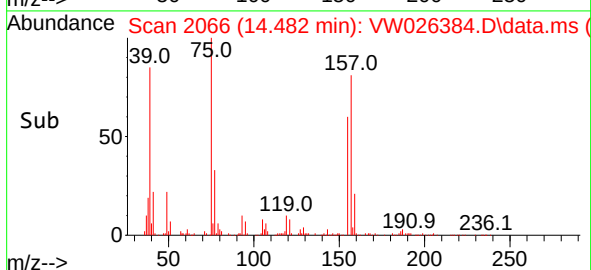
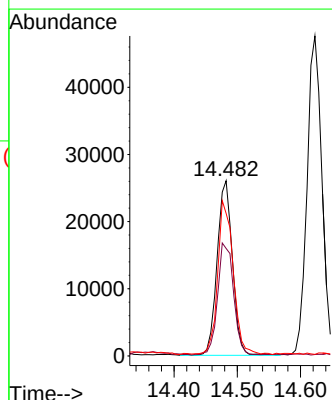
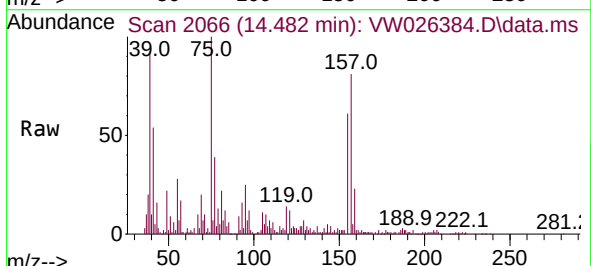
Tgt Ion: 75 Resp: 43958

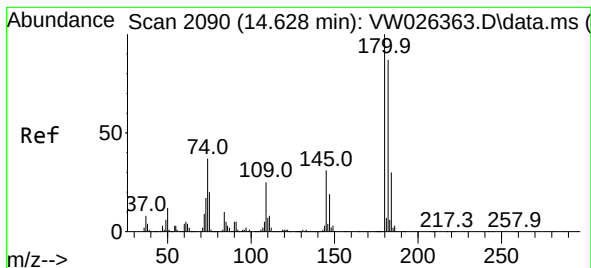
Ion Ratio Lower Upper

75 100

155 61.3 57.5 86.3

157 81.4 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 24.070 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

Tgt Ion:180 Resp: 345730

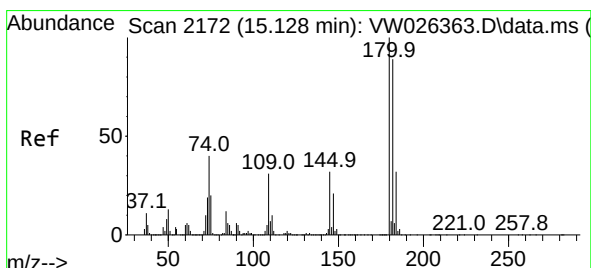
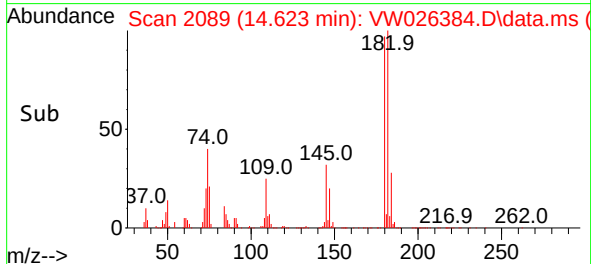
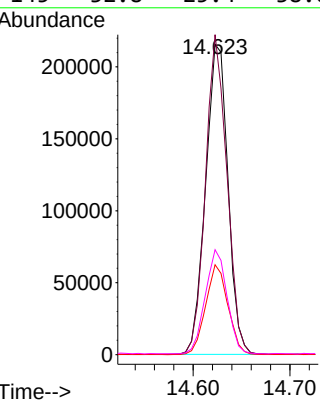
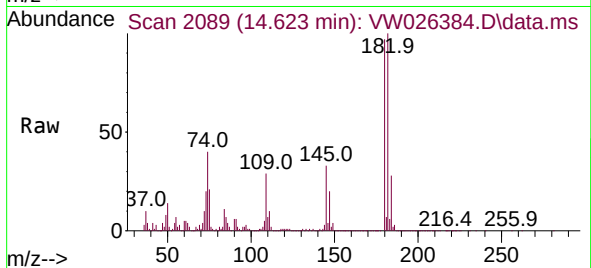
Ion Ratio Lower Upper

180 100

182 98.9 74.2 111.4

184 29.0 23.8 35.6

145 32.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.724 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026384.D

Acq: 28 Jun 2023 04:00

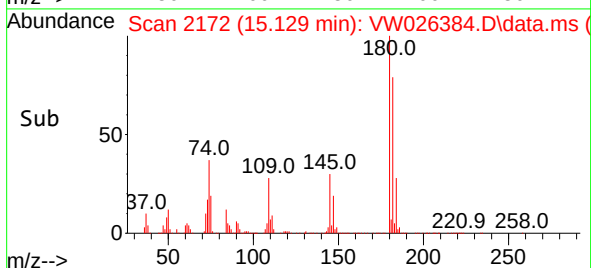
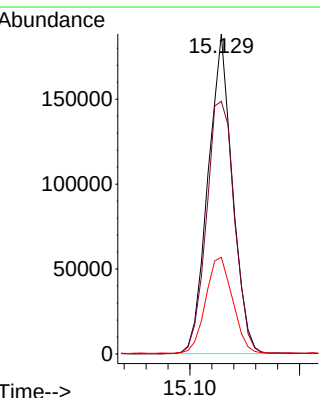
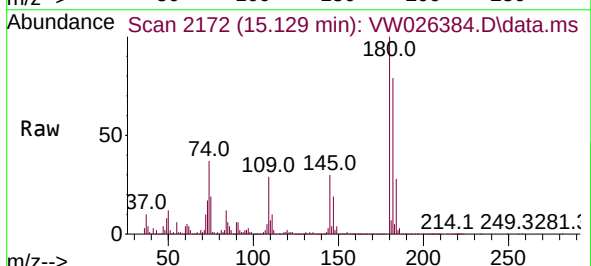
Tgt Ion:180 Resp: 290627

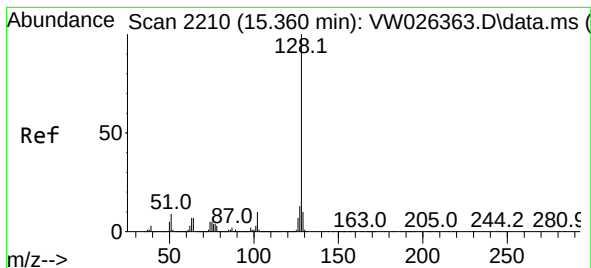
Ion Ratio Lower Upper

180 100

182 91.4 75.6 113.4

145 33.2 24.7 37.1

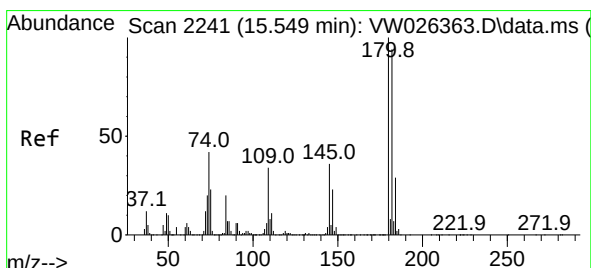
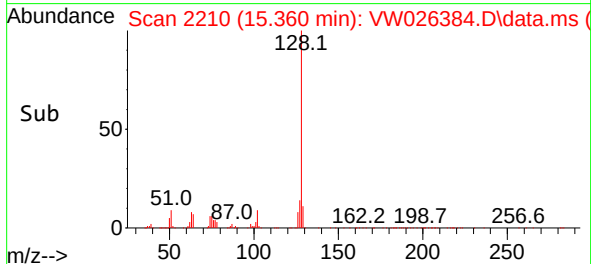
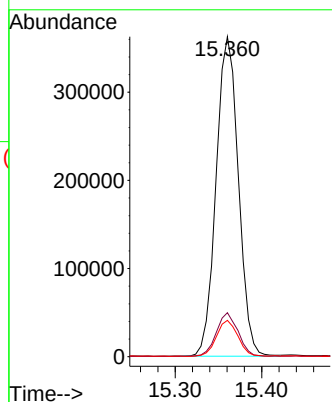
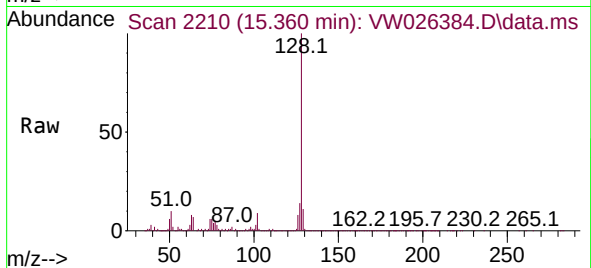




#71
Naphthalene
Concen: 27.440 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Tgt Ion:128 Resp: 648394
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.970 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026384.D
Acq: 28 Jun 2023 04:00

Tgt Ion:180 Resp: 252095
Ion Ratio Lower Upper
180 100
182 96.9 75.0 112.6
145 36.0 28.5 42.7

