

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022831.D
 Acq On : 05 May 2022 10:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: May 06 01:02:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 05 02:23:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	345318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	173376	24.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.880%
7) Chloroethane-d5	2.891	69	114452	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.025	63	225761	24.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.080	46	70340	52.219	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.440%
24) Chloroform-d	7.647	84	272878	26.972	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.880%
26) 1,2-Dichloroethane-d4	8.305	65	148248	26.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.880%
32) Benzene-d6	8.275	84	524231	26.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.274	67	151468	27.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.600%
41) Toluene-d8	10.323	98	509522	27.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.160%
43) trans-1,3-Dichloroprop...	10.573	79	66529	26.374	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.480%
47) 2-Hexanone-d5	10.920	63	57951	55.411	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141854	27.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	179784	26.813	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	54028	28.701	ug/L	94
3) Chloromethane	2.221	50	91004	25.018	ug/L	95
5) Vinyl chloride	2.367	62	173300	23.739	ug/L	100
6) Bromomethane	2.782	94	97752	20.855	ug/L	89
8) Chloroethane	2.928	64	78907	22.410	ug/L	96
9) Trichlorofluoromethane	3.263	101	106773	32.000	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	116991	23.449	ug/L	97
12) 1,1-Dichloroethene	4.044	96	103086	23.308	ug/L	95
13) Acetone	4.129	43	46236	45.846	ug/L	100
14) Carbon disulfide	4.385	76	251904	20.775	ug/L	98
15) Methyl Acetate	4.672	43	46120	22.763	ug/L #	81
16) Methylene chloride	4.915	84	113599	22.482	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	110783	22.258	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	176978	23.293	ug/L	99
19) 1,1-Dichloroethane	6.220	63	202089	23.957	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	127100	23.775	ug/L #	99
22) 2-Butanone	7.171	43	63426	44.971	ug/L	98
23) Bromochloromethane	7.513	128	57122	22.816	ug/L	87
25) Chloroform	7.677	83	226136	24.244	ug/L	100

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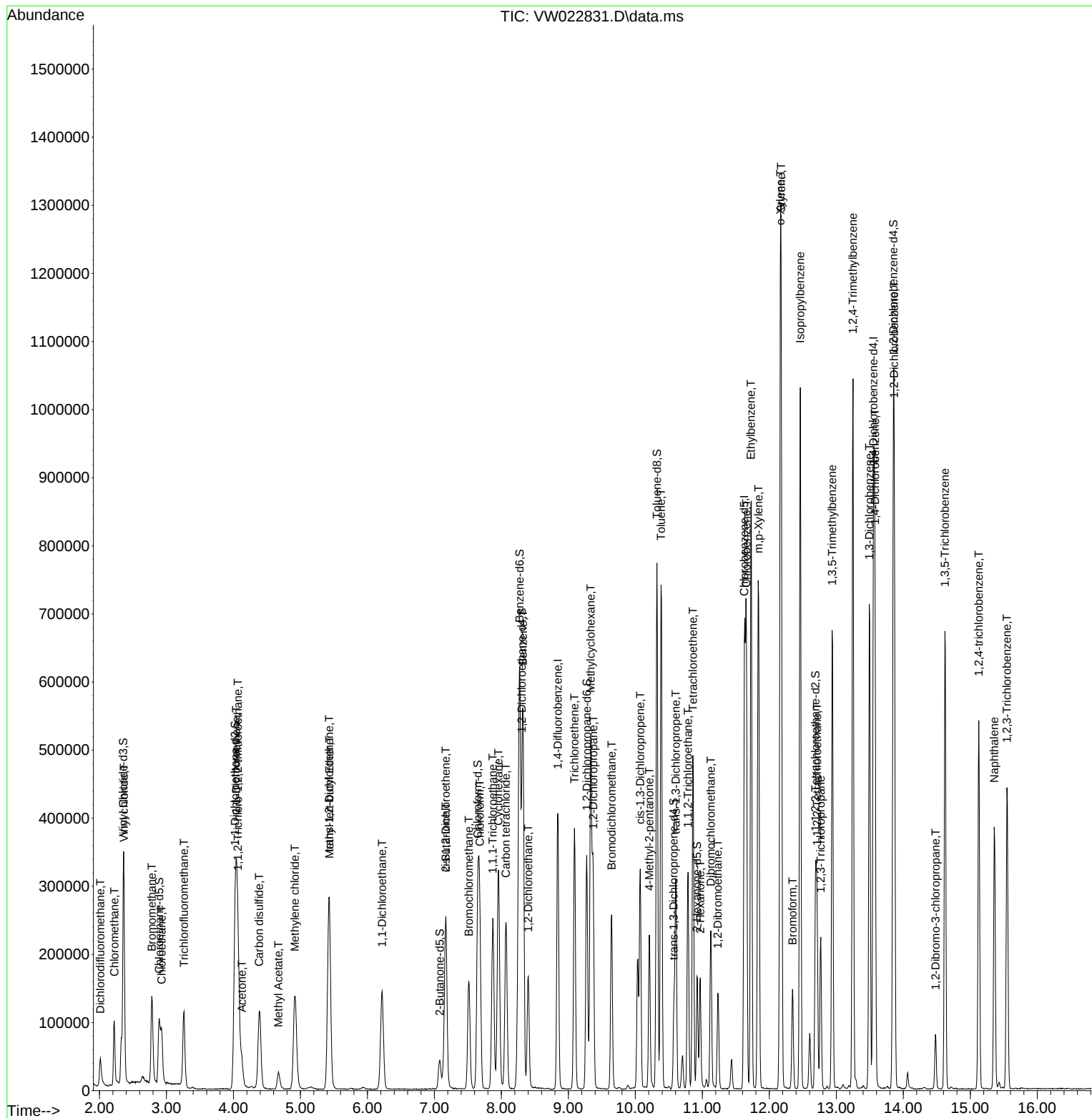
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	145401	23.385	ug/L	98
29) Cyclohexane	7.958	56	172564	23.581	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	195409	24.438	ug/L	99
31) Carbon tetrachloride	8.067	117	182770	24.435	ug/L	99
33) Benzene	8.323	78	476468	23.903	ug/L	100
34) Trichloroethene	9.091	95	128778	23.492	ug/L	99
35) Methylcyclohexane	9.335	83	211455	23.480	ug/L	98
37) 1,2-Dichloropropane	9.372	63	115208	23.883	ug/L	100
38) Bromodichloromethane	9.646	83	166984	24.372	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	185641	24.820	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	137926	45.364	ug/L	100
42) Toluene	10.384	91	548655	24.560	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	161684	24.219	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	98019	24.307	ug/L	97
46) Tetrachloroethene	10.859	164	96567	23.440	ug/L	97
48) 2-Hexanone	10.969	43	97498	47.994	ug/L	97
49) Dibromochloromethane	11.128	129	117069	24.121	ug/L	96
50) 1,2-Dibromoethane	11.231	107	91169	22.516	ug/L	98
51) Chlorobenzene	11.658	112	353285	23.989	ug/L	96
52) Ethylbenzene	11.725	91	617966	24.865	ug/L	98
53) m,p-Xylene	11.841	106	242082	24.721	ug/L	98
54) o-Xylene	12.164	106	235374	25.048	ug/L	99
55) Styrene	12.176	104	404659	25.342	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120021	23.829	ug/L	98
59) Bromoform	12.347	173	60180	22.139	ug/L	98
60) Isopropylbenzene	12.463	105	650315	24.748	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85605	22.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	359787	24.611	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	550577	25.082	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	285940	24.373	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	278990	23.023	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	260760	24.289	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18682	22.304	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	194782	25.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	153003	24.424	ug/L	97
71) Naphthalene	15.359	128	328728	24.144	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135461	24.398	ug/L	99

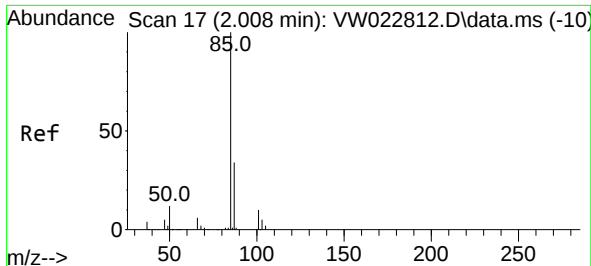
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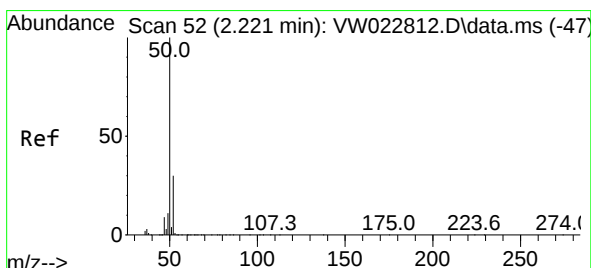
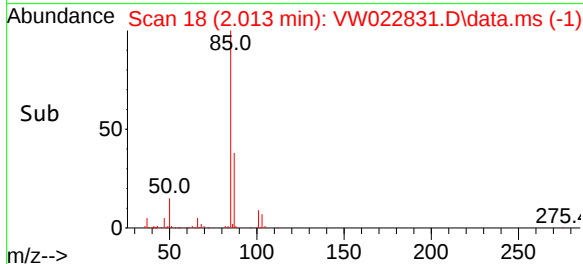
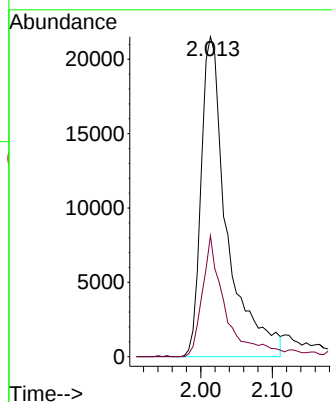
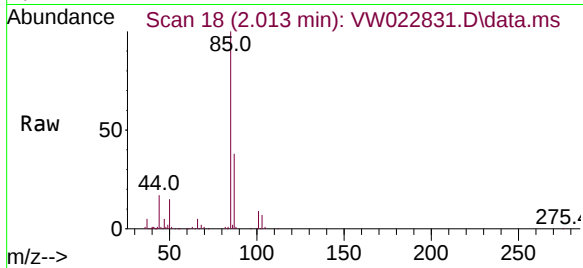




#2
Dichlorodifluoromethane
Concen: 28.701 ug/L
RT: 2.013 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

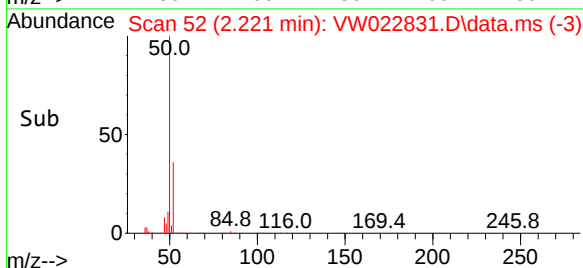
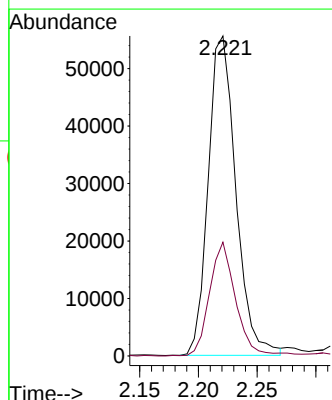
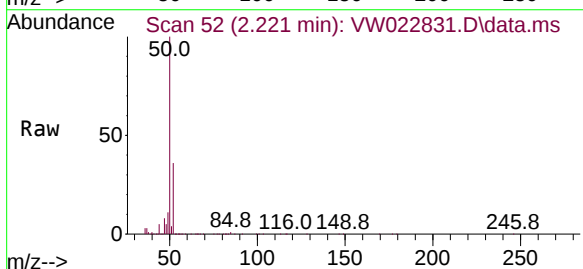
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MSVOA_W
ClientSampleId :
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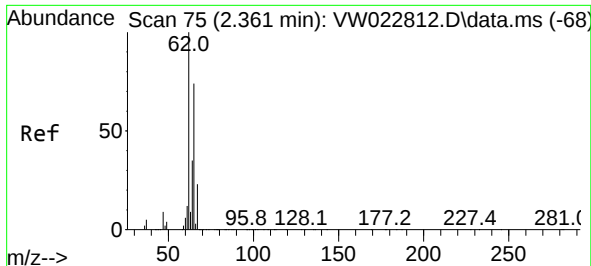
Tgt Ion: 85 Resp: 54028
Ion Ratio Lower Upper
85 100
87 31.2 27.8 41.8



#3
Chloromethane
Concen: 25.018 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 50 Resp: 91004
Ion Ratio Lower Upper
50 100
52 35.6 23.1 42.9

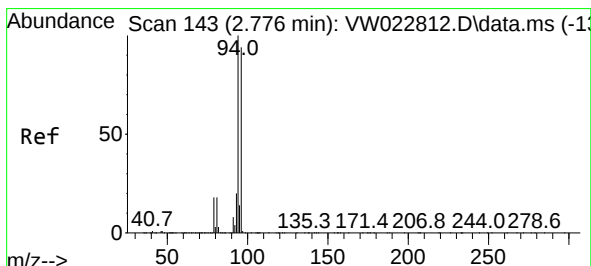
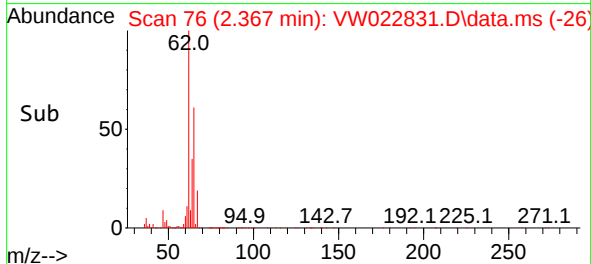
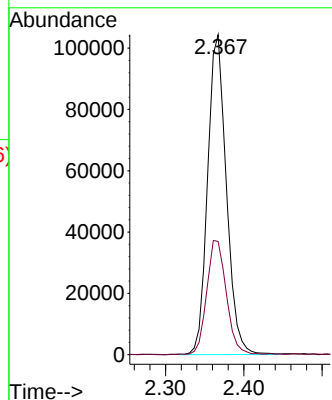
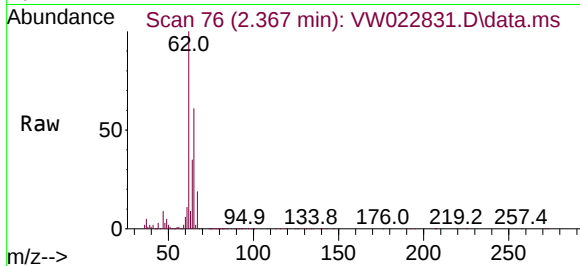




#5
 Vinyl chloride
 Concen: 23.739 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022831.D
 Acq: 05 May 2022 10:10

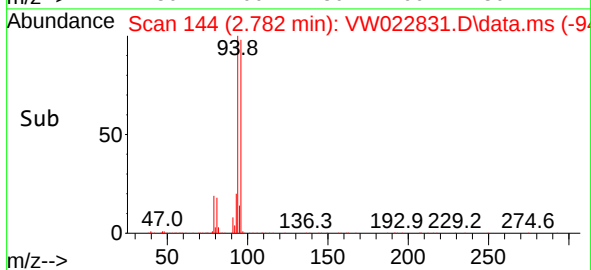
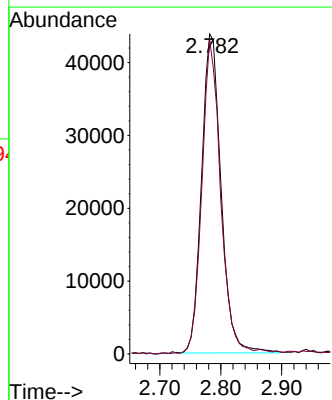
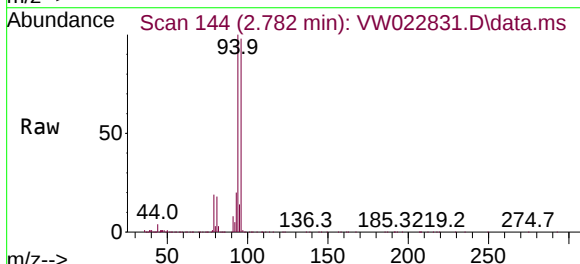
Instrument :
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 ClientSampleId :
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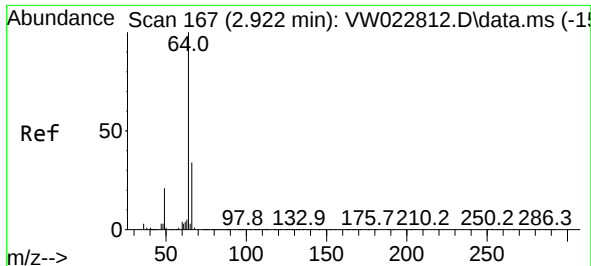
Tgt Ion: 62 Resp: 173300
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.9 46.3



#6
 Bromomethane
 Concen: 20.855 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022831.D
 Acq: 05 May 2022 10:10

Tgt Ion: 94 Resp: 97752
 Ion Ratio Lower Upper
 94 100
 96 98.3 61.7 114.5

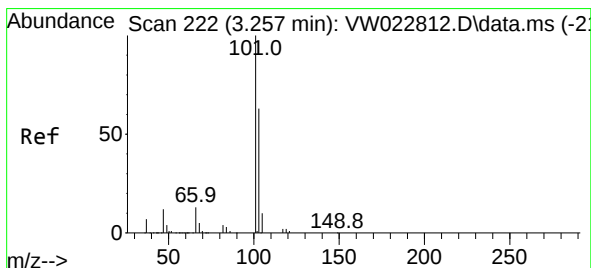
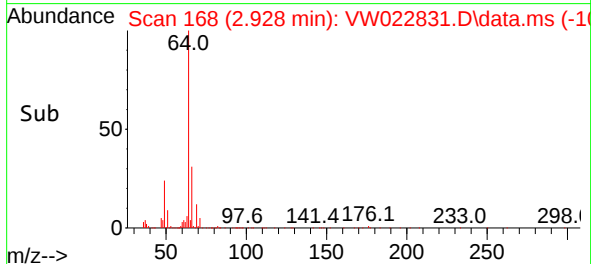
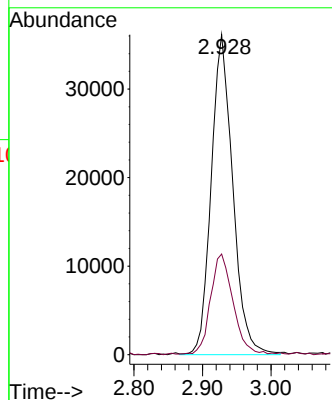
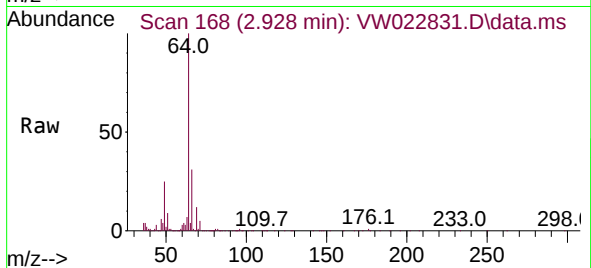




#8
Chloroethane
Concen: 22.410 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

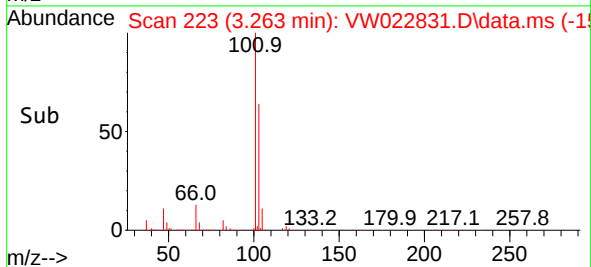
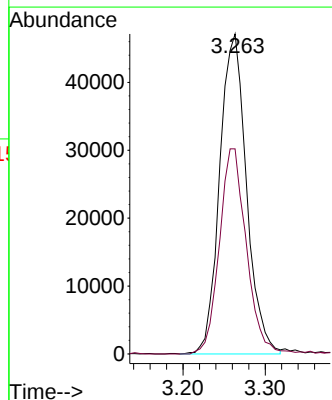
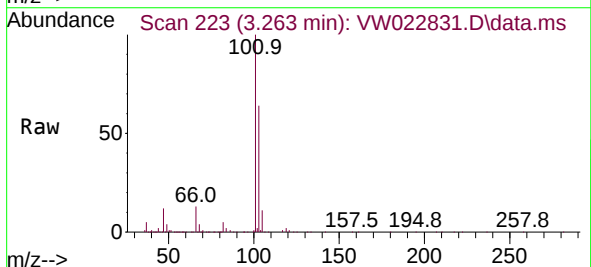
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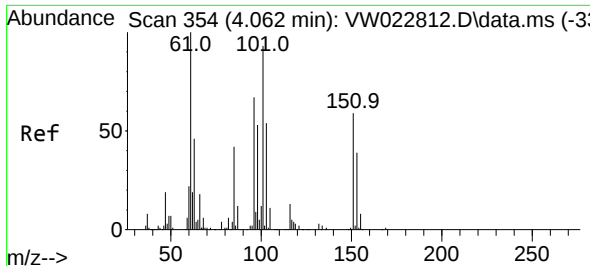
Tgt Ion: 64 Resp: 78907
Ion Ratio Lower Upper
64 100
66 31.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 32.000 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 101 Resp: 106773
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9

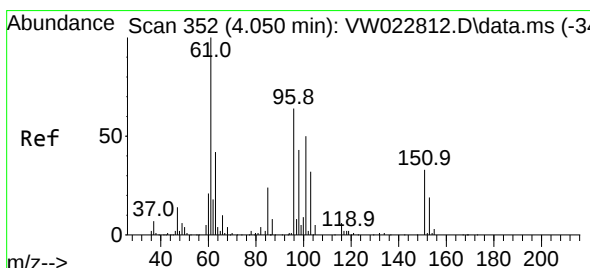
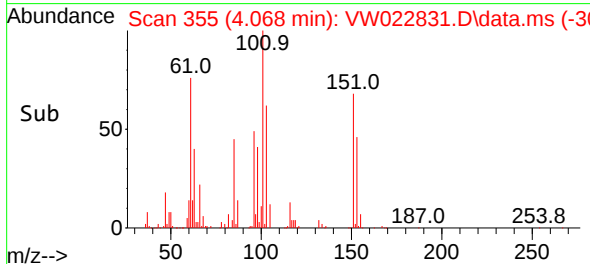
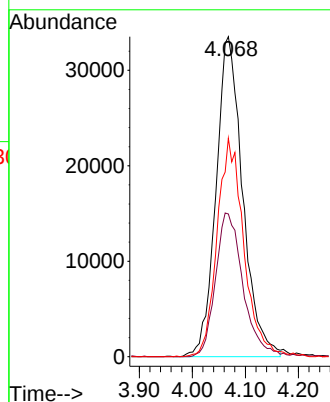
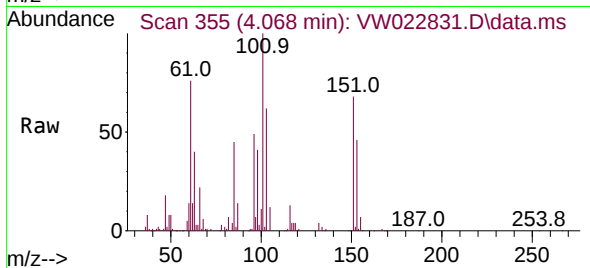




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.449 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW022831.D
 Acq: 05 May 2022 10:10

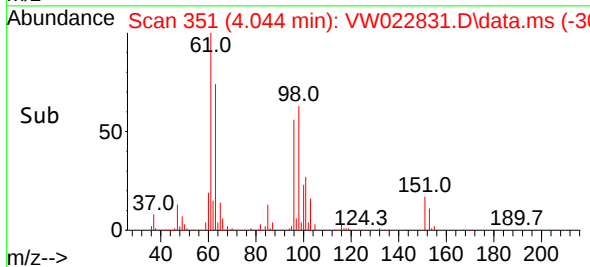
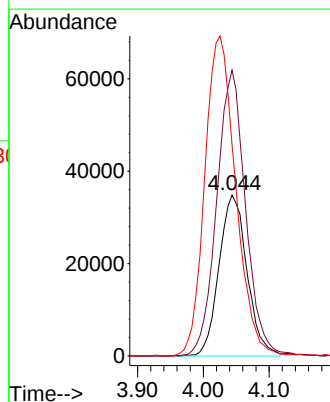
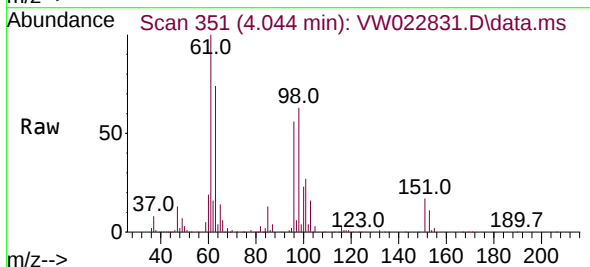
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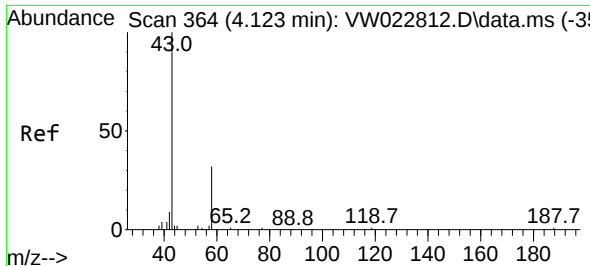
Tgt Ion:101 Resp: 116991
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.3 51.5
 151 68.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.308 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW022831.D
 Acq: 05 May 2022 10:10

Tgt Ion: 96 Resp: 103086
 Ion Ratio Lower Upper
 96 100
 61 177.8 125.7 233.5
 63 131.4 83.4 155.0

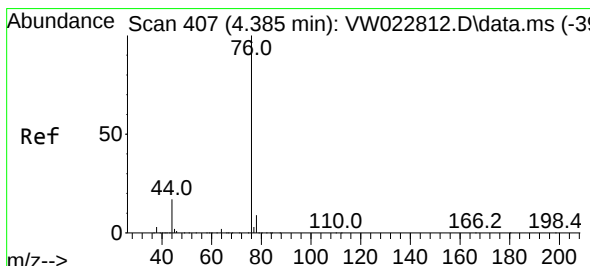
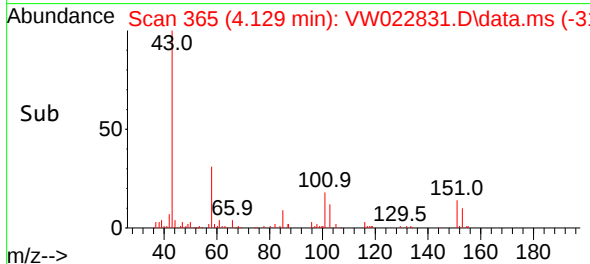
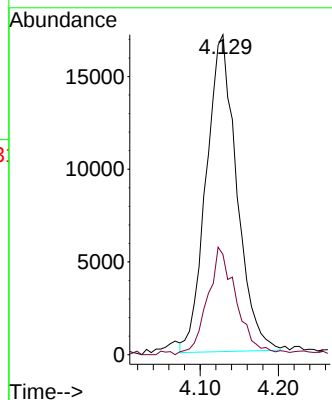
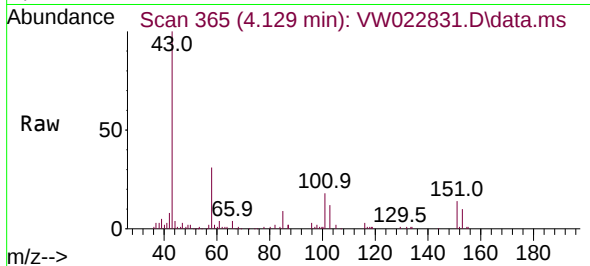




#13
Acetone
Concen: 45.846 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
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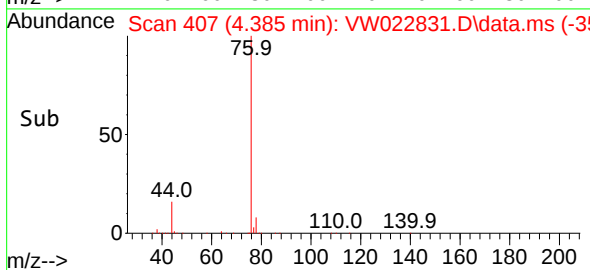
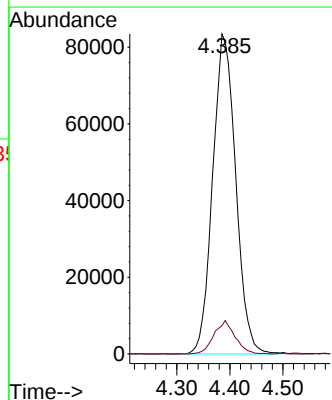
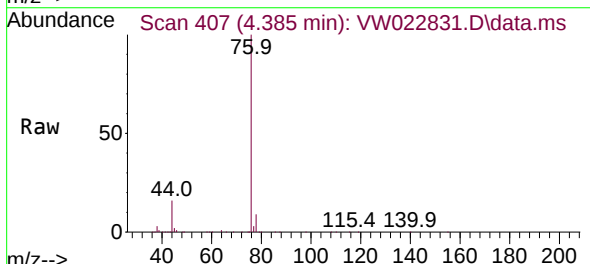
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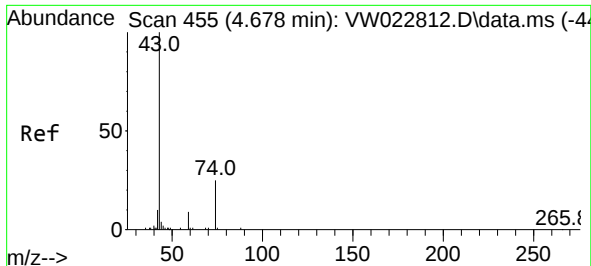
Tgt Ion: 43 Resp: 46236
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.0



#14
Carbon disulfide
Concen: 20.775 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 251904
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5

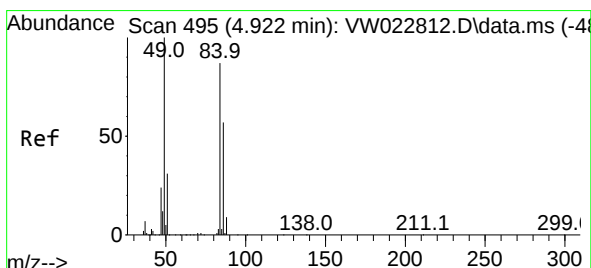
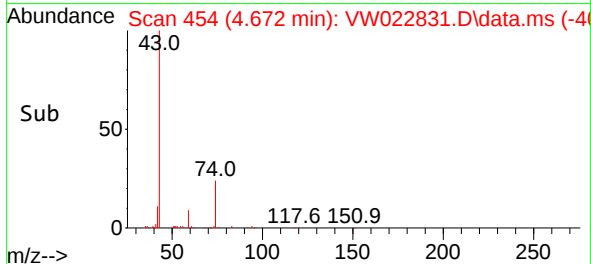
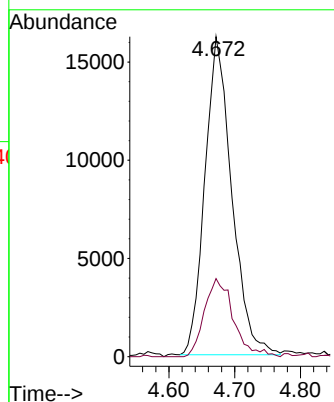
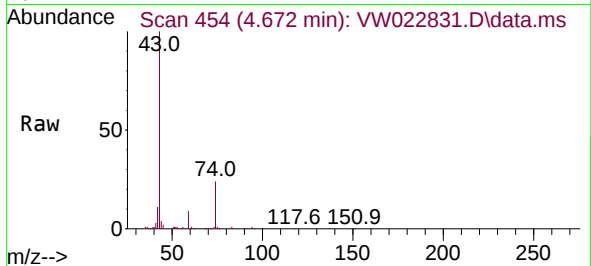




#15
Methyl Acetate
Concen: 22.763 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

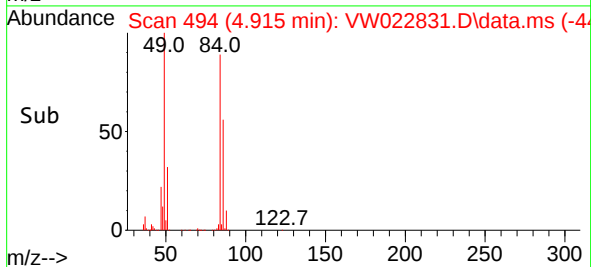
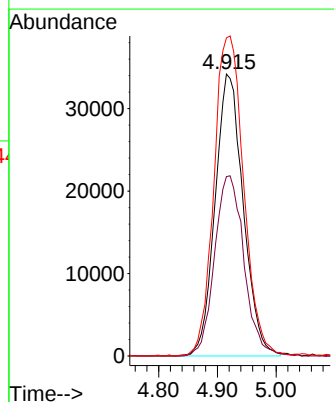
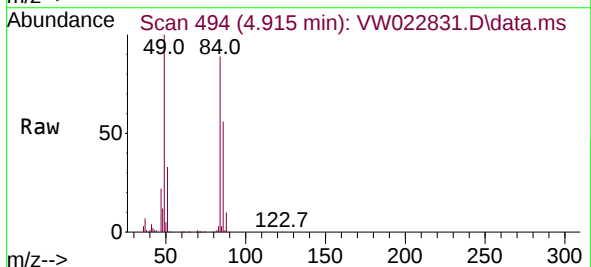
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

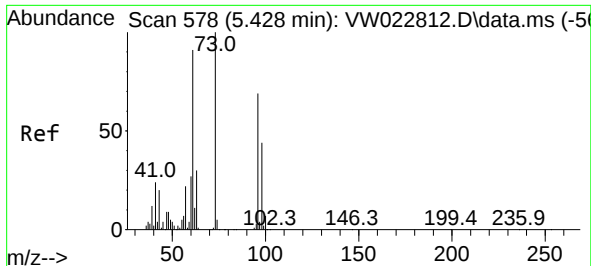
Tgt Ion: 43 Resp: 46120
Ion Ratio Lower Upper
43 100
74 17.7 21.9 32.9#



#16
Methylene chloride
Concen: 22.482 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 84 Resp: 113599
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.4
49 112.8 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 22.258 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

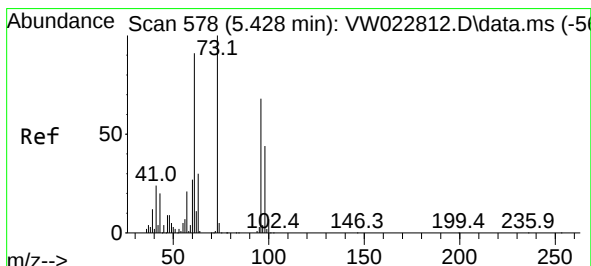
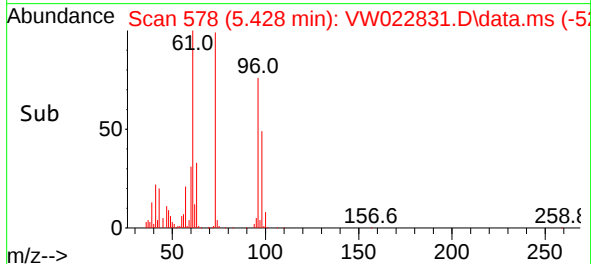
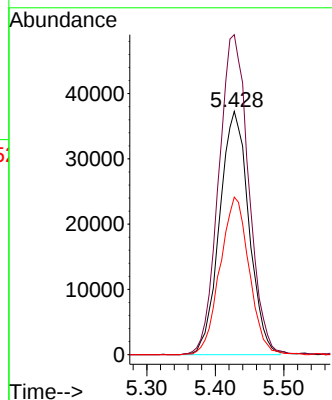
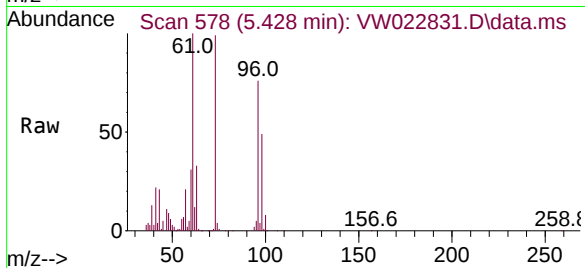
Tgt Ion: 96 Resp: 110783

Ion Ratio Lower Upper

96 100

61 131.5 92.2 171.2

98 64.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 23.293 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

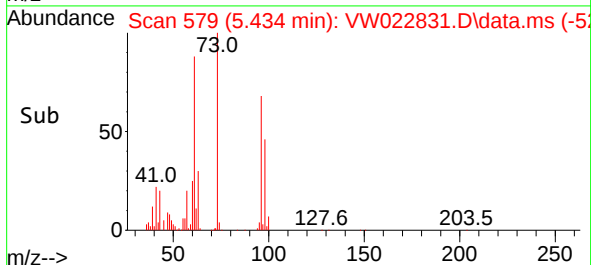
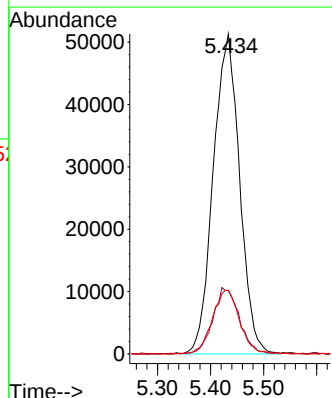
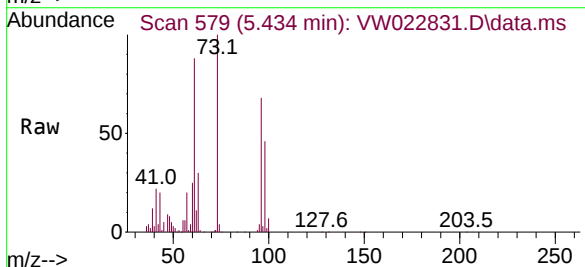
Tgt Ion: 73 Resp: 176978

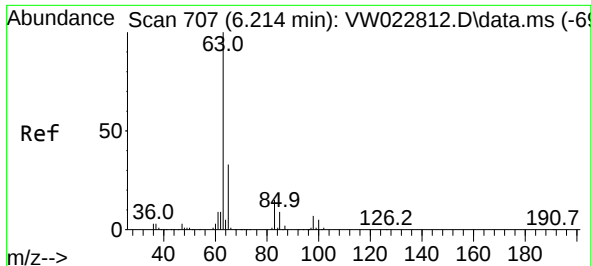
Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.957 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

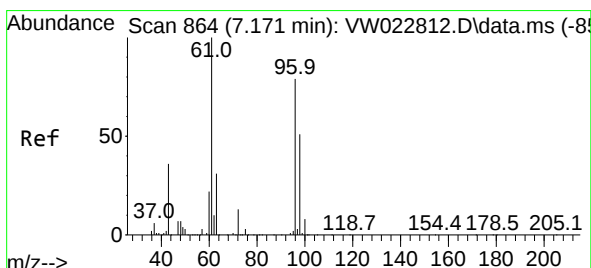
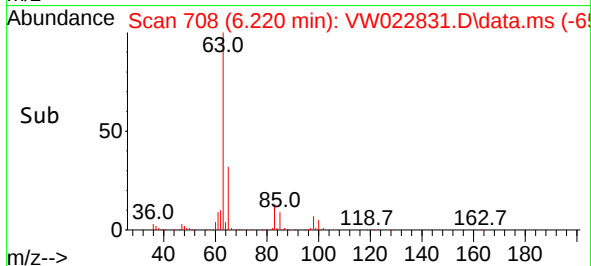
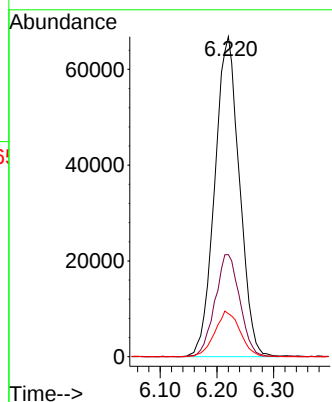
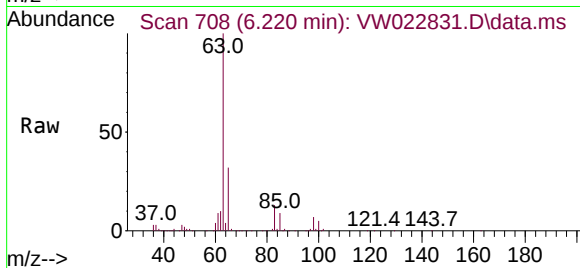
Tgt Ion: 63 Resp: 202089

Ion Ratio Lower Upper

63 100

65 31.9 23.3 43.3

83 13.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.775 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

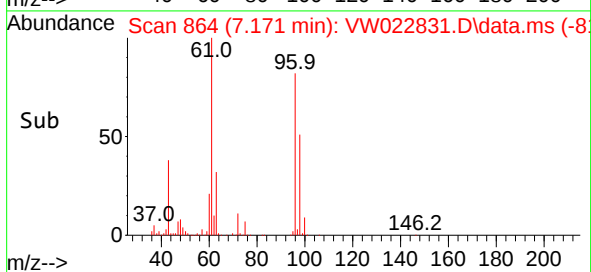
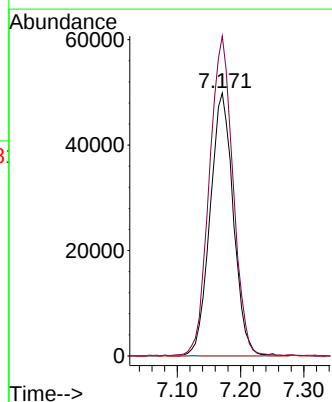
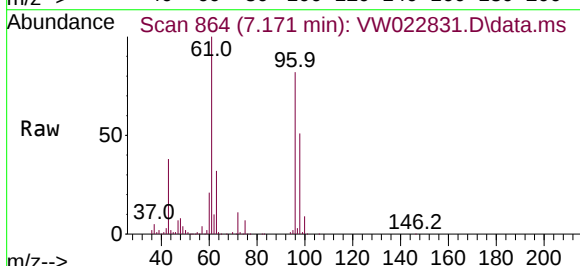
Tgt Ion: 96 Resp: 127100

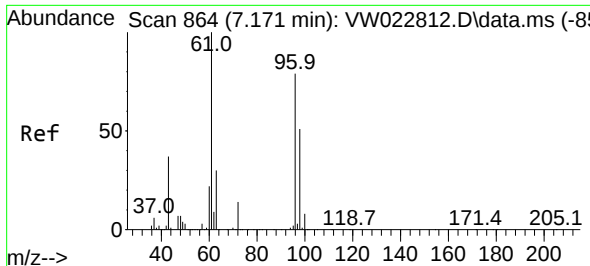
Ion Ratio Lower Upper

96 100

61 121.7 84.2 156.4

68 0.0 0.1 0.1

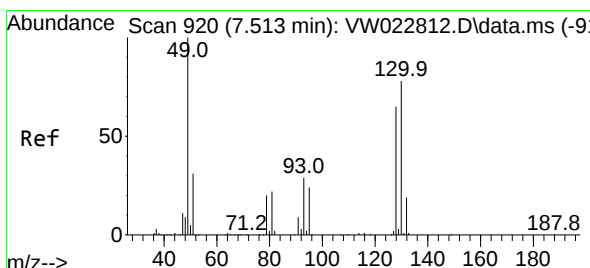
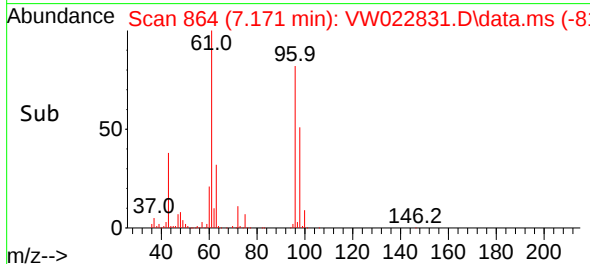
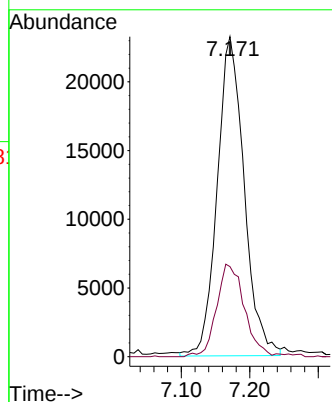
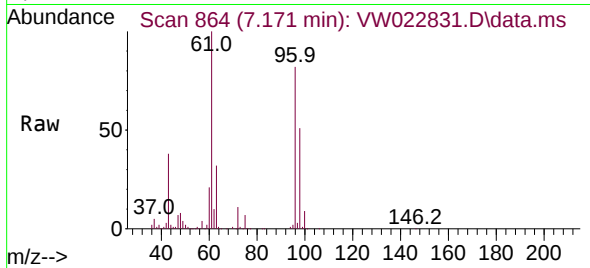




#22
2-Butanone
Concen: 44.971 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

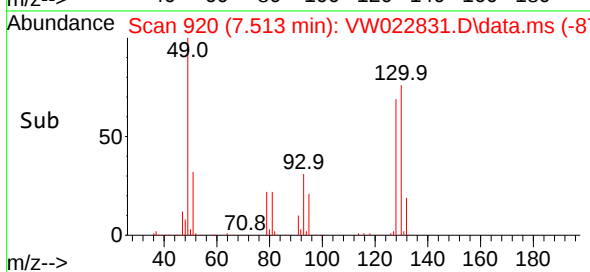
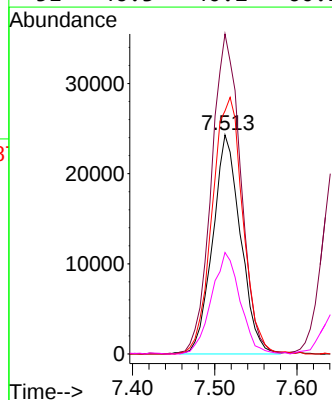
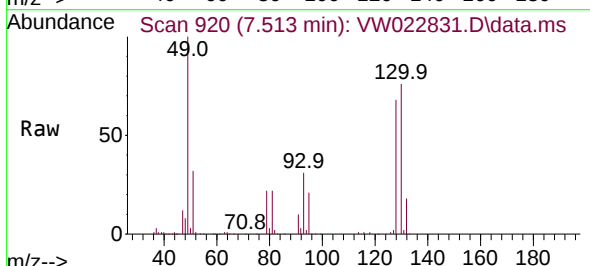
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

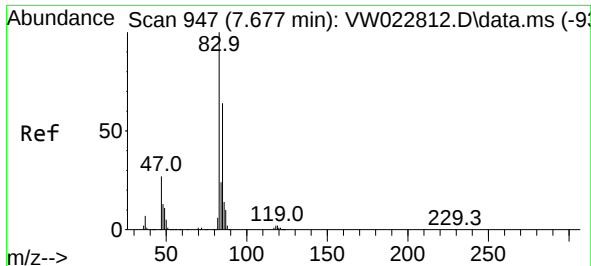
Tgt Ion: 43 Resp: 63426
Ion Ratio Lower Upper
43 100
72 29.3 15.1 45.3



#23
Bromochloromethane
Concen: 22.816 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 128 Resp: 57122
Ion Ratio Lower Upper
128 100
49 146.1 110.0 204.4
130 111.0 94.8 176.0
51 46.3 40.2 60.2

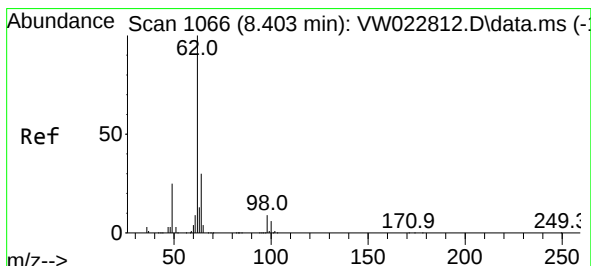
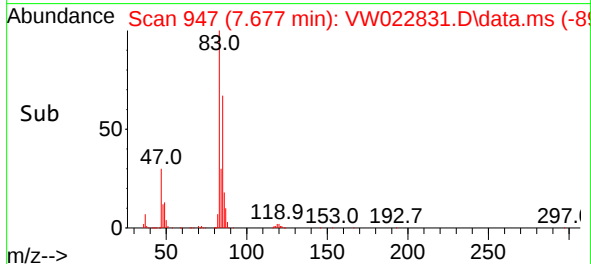
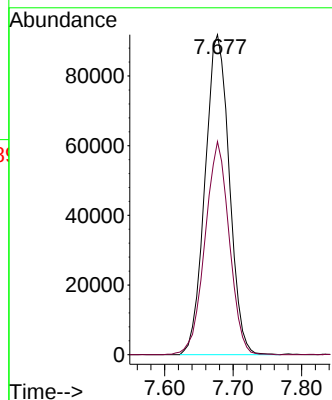
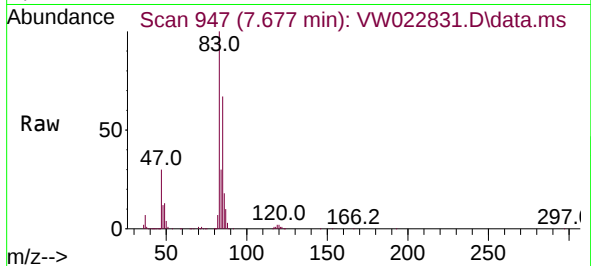




#25
Chloroform
Concen: 24.244 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

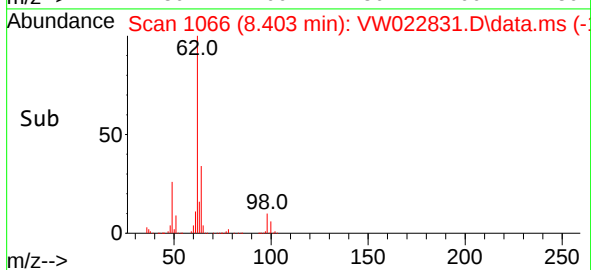
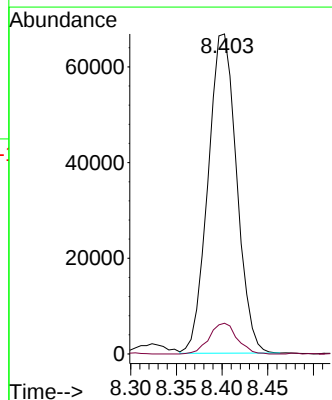
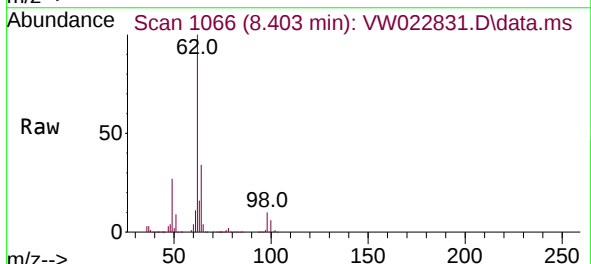
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

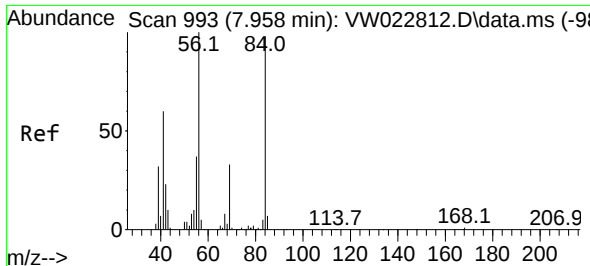
Tgt Ion: 83 Resp: 226136
Ion Ratio Lower Upper
83 100
85 66.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.385 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

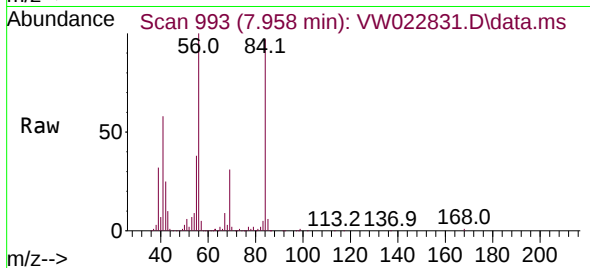
Tgt Ion: 62 Resp: 145401
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





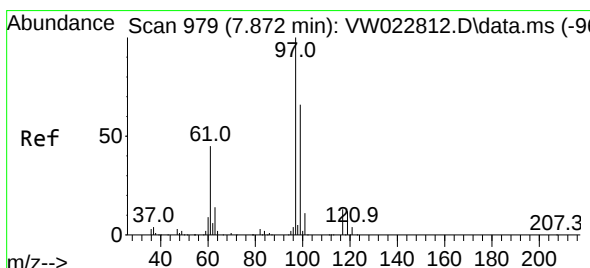
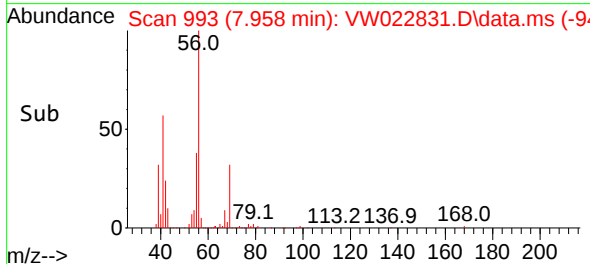
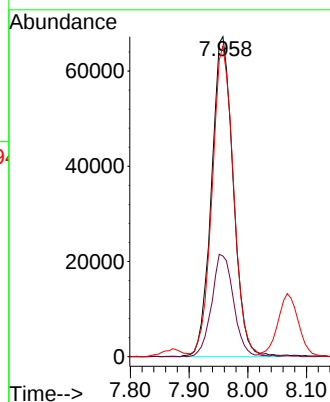
#29
Cyclohexane
Concen: 23.581 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516



Tgt Ion: 56 Resp: 172564

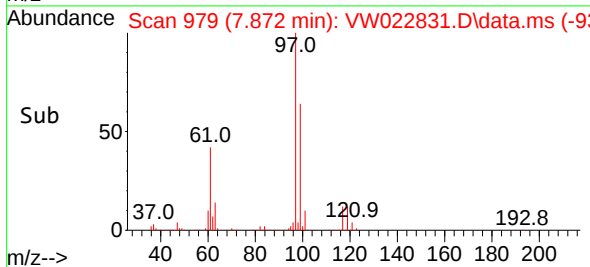
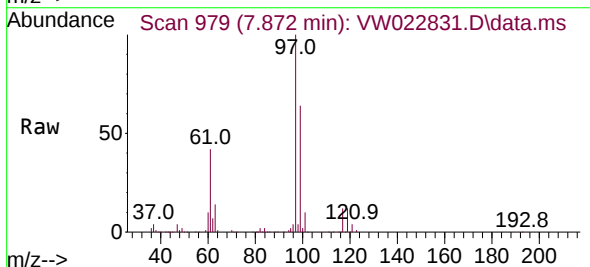
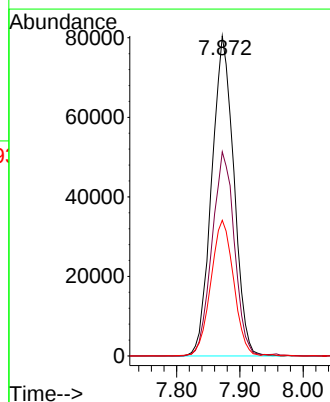
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.6	38.4
84	95.4	78.2	117.4

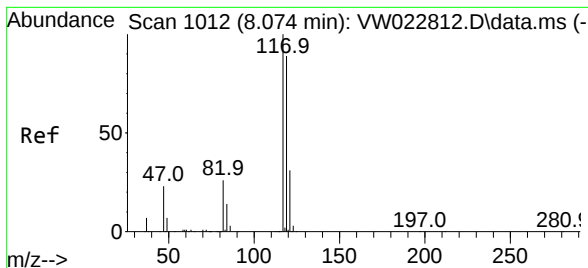


#30
1,1,1-Trichloroethane
Concen: 24.438 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 97 Resp: 195409

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	43.7	34.8	52.2

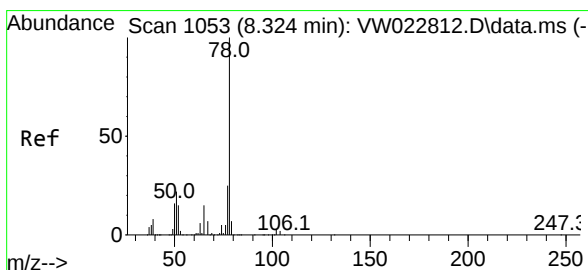
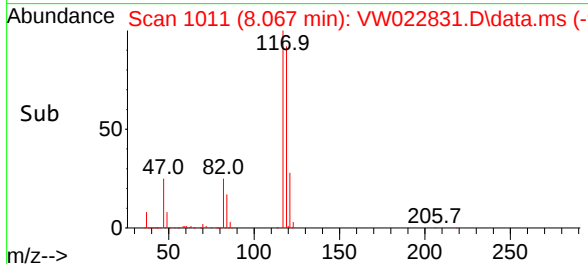
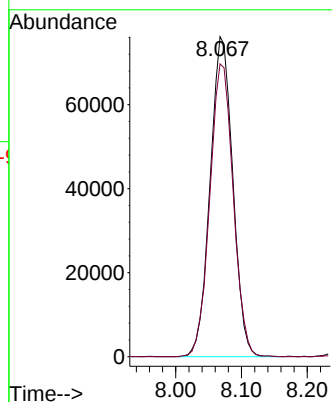
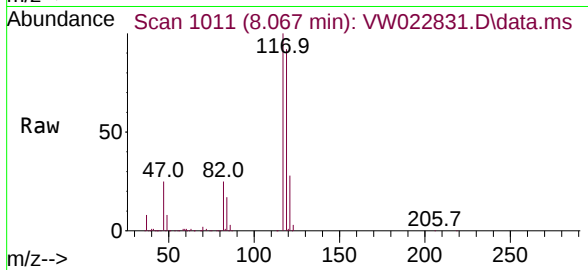




#31
Carbon tetrachloride
Concen: 24.435 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

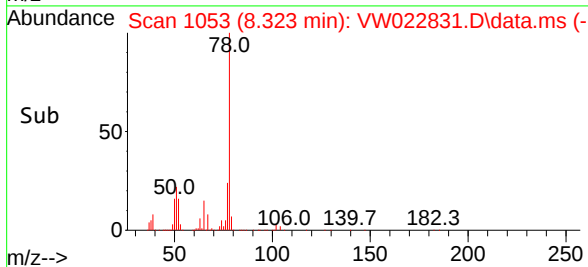
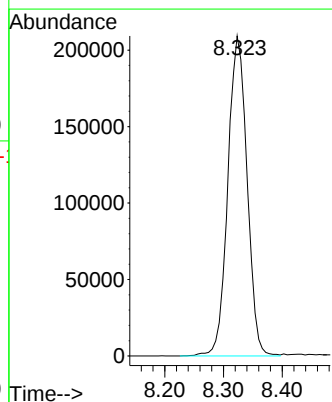
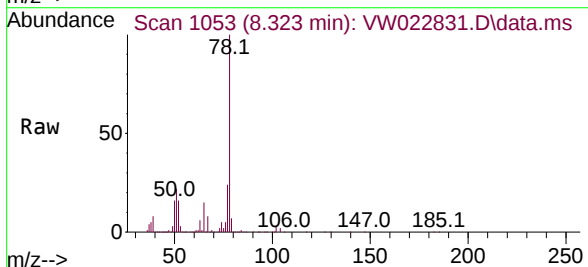
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

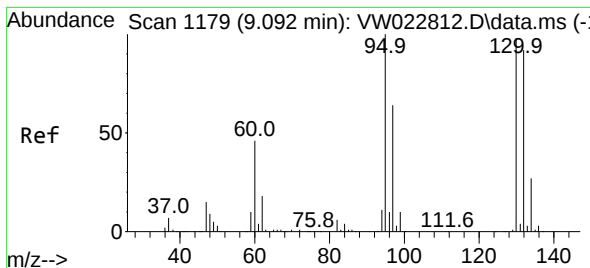
Tgt Ion:117 Resp: 182770
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0



#33
Benzene
Concen: 23.903 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 78 Resp: 476468





#34

Trichloroethene

Concen: 23.492 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

Tgt Ion: 95 Resp: 128778

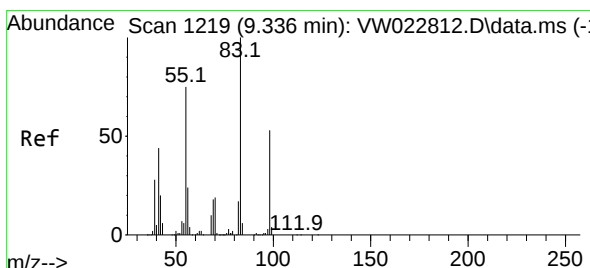
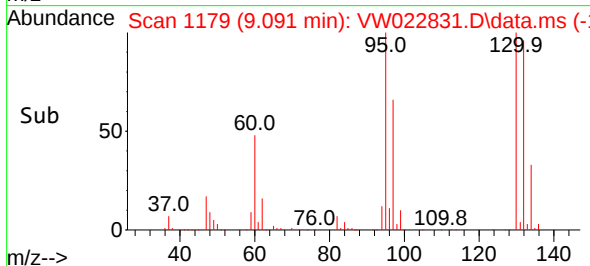
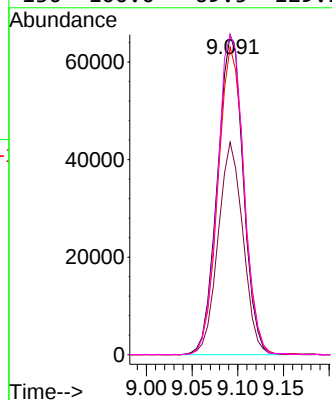
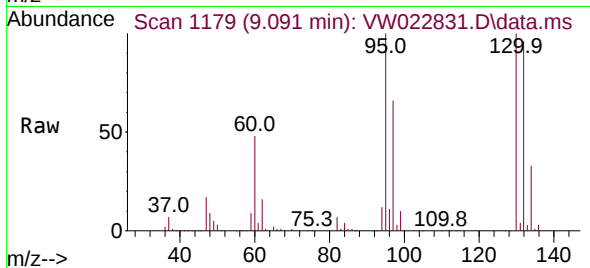
Ion Ratio Lower Upper

95 100

97 66.4 46.1 85.7

132 96.2 66.9 124.3

130 100.0 69.5 129.1



#35

Methylcyclohexane

Concen: 23.480 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

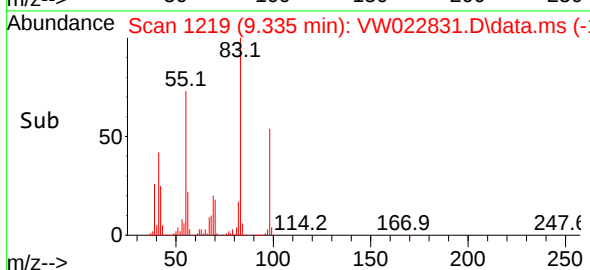
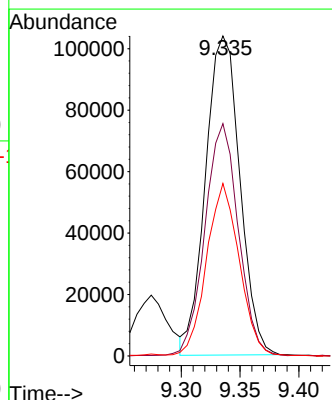
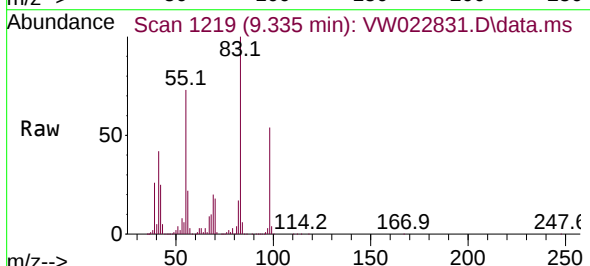
Tgt Ion: 83 Resp: 211455

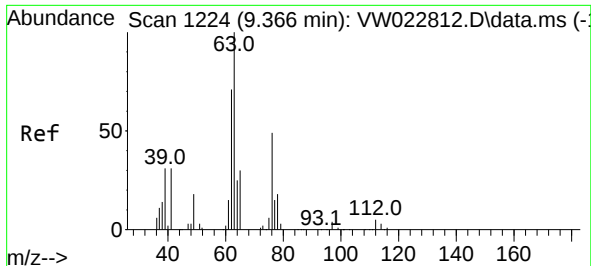
Ion Ratio Lower Upper

83 100

55 71.0 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.883 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

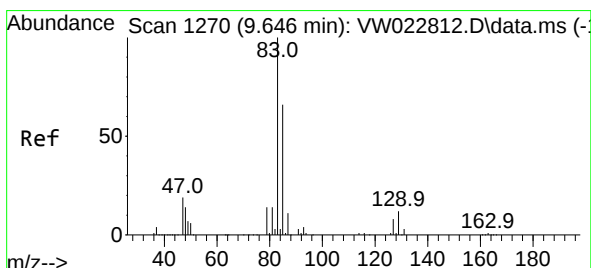
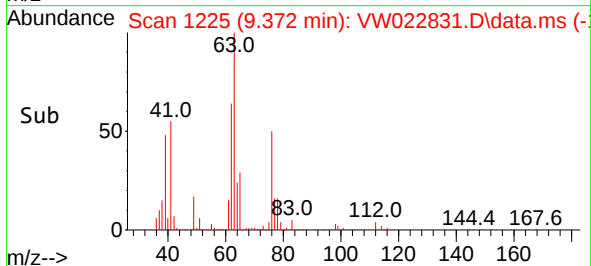
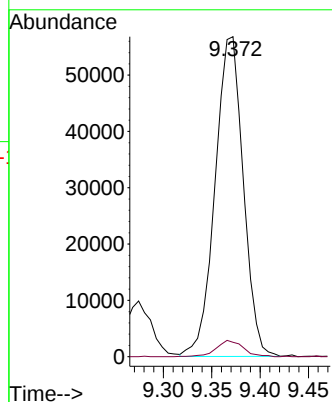
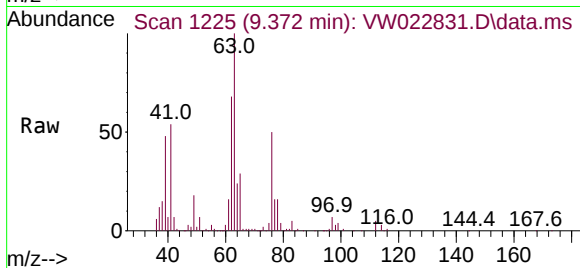
VSTD025516

Tgt Ion: 63 Resp: 115208

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 24.372 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

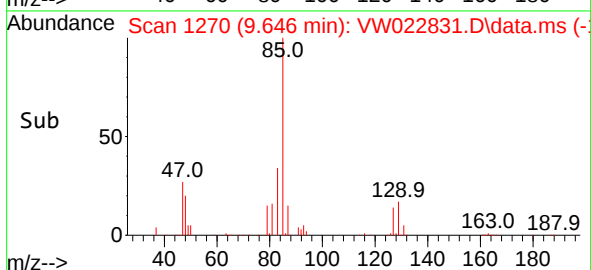
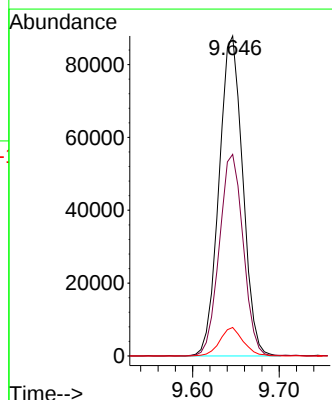
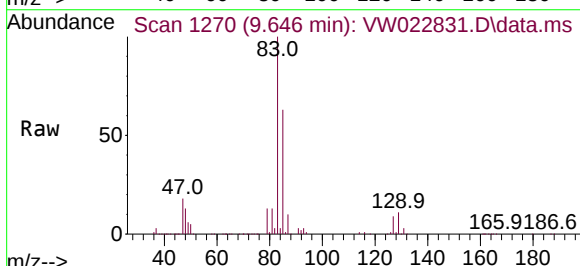
Tgt Ion: 83 Resp: 166984

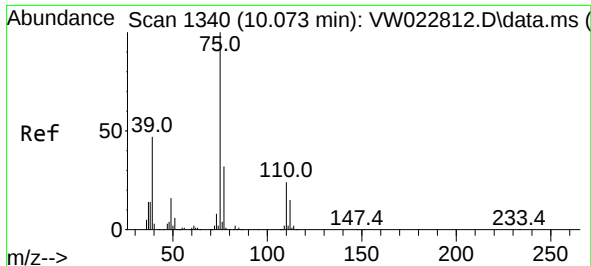
Ion Ratio Lower Upper

83 100

85 63.0 43.5 80.7

127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.820 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

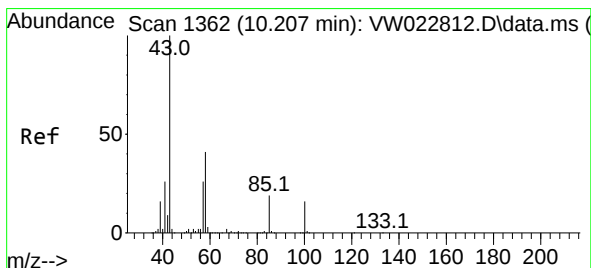
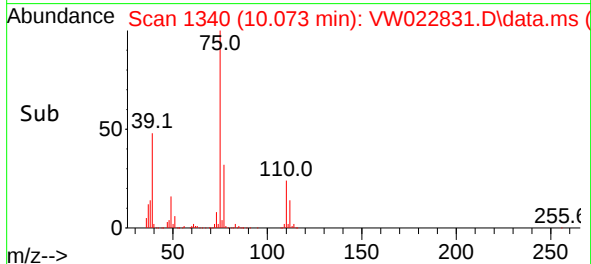
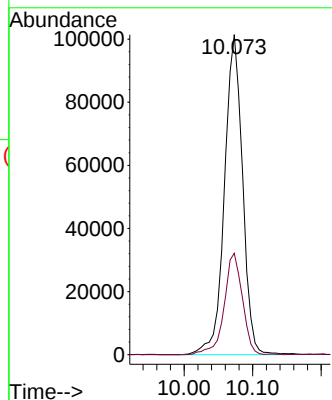
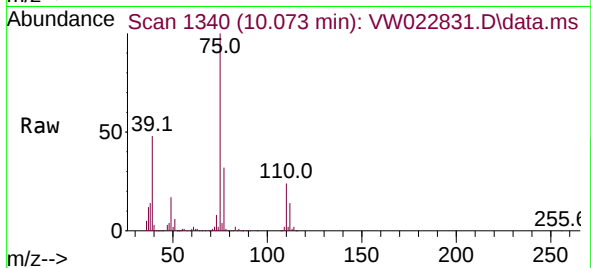
VSTD025516

Tgt Ion: 75 Resp: 185641

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.364 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

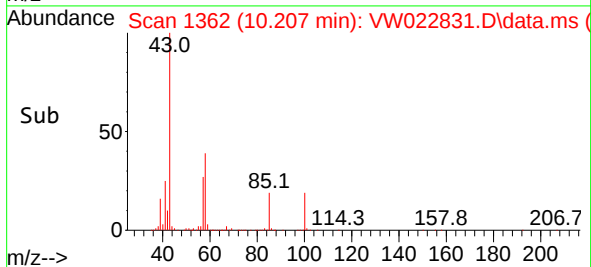
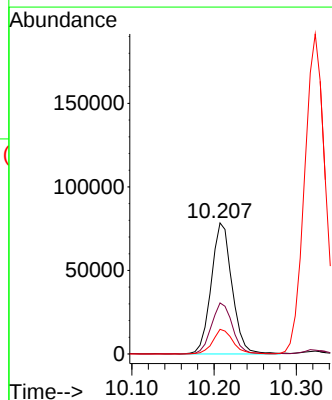
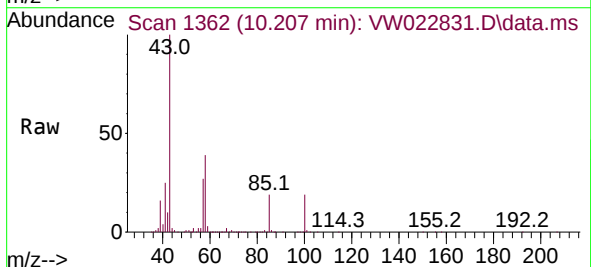
Tgt Ion: 43 Resp: 137926

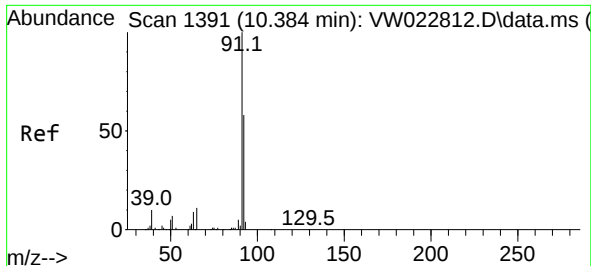
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 18.4 14.2 21.4

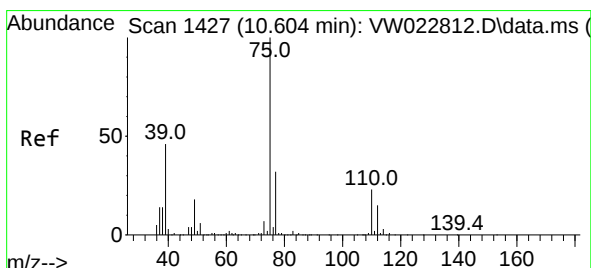
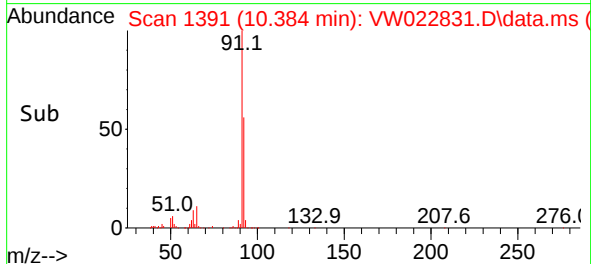
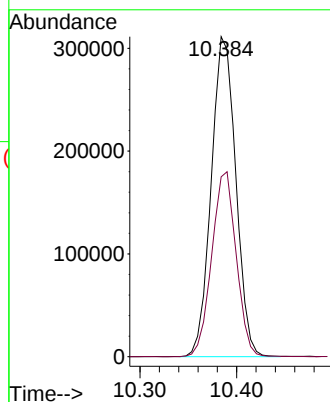
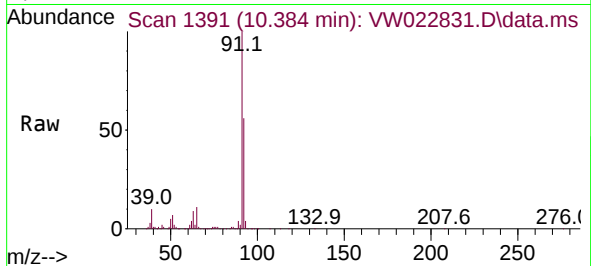




#42
Toluene
Concen: 24.560 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

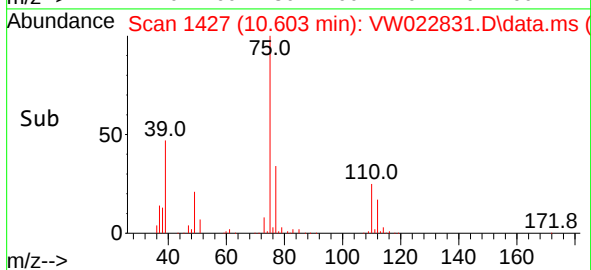
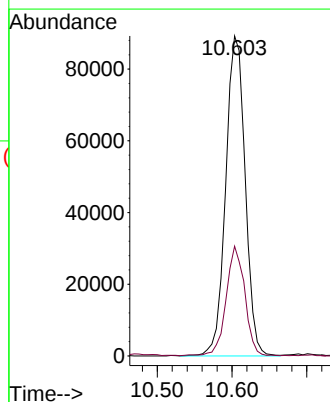
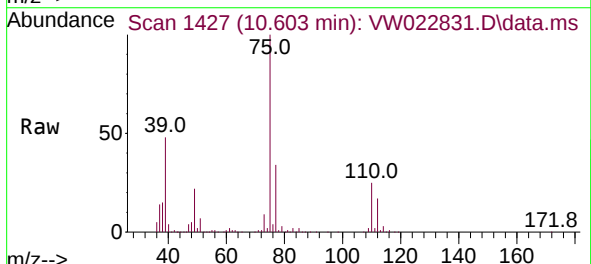
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

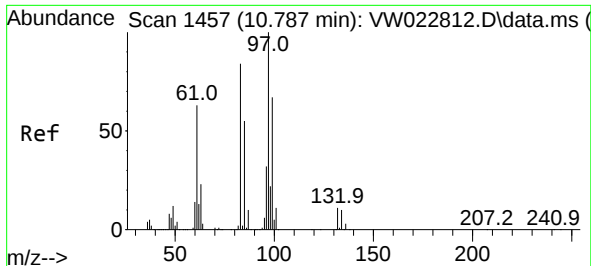
Tgt Ion: 91 Resp: 548655
Ion Ratio Lower Upper
91 100
92 56.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.219 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 75 Resp: 161684
Ion Ratio Lower Upper
75 100
77 34.3 22.0 40.8

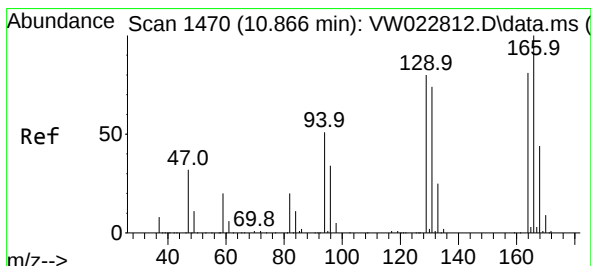
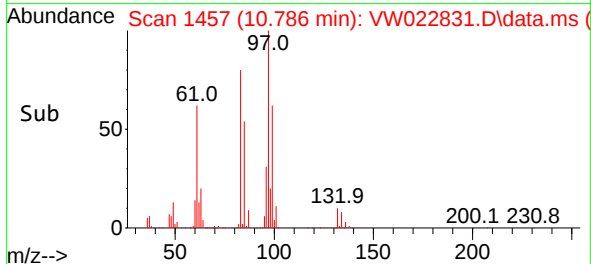
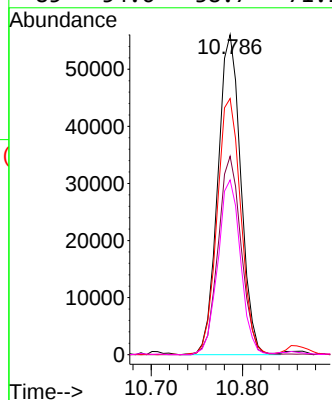
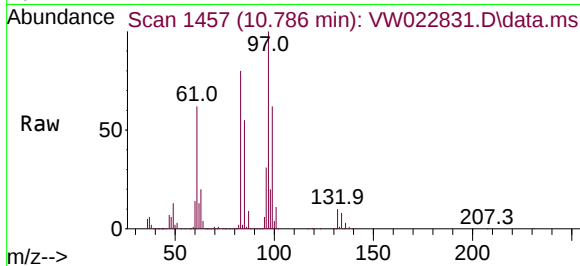




#45
1,1,2-Trichloroethane
Concen: 24.307 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

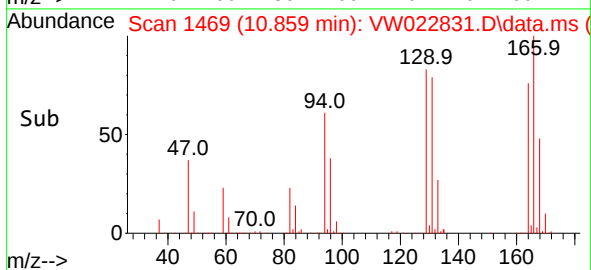
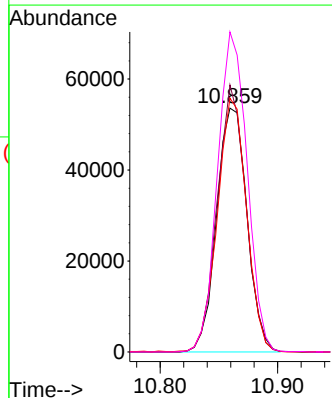
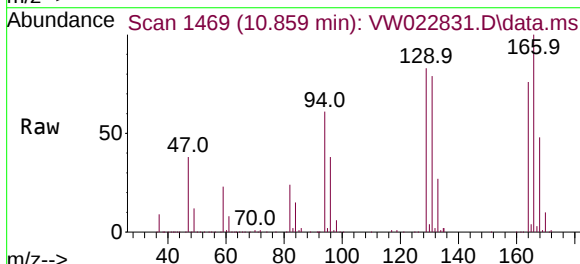
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

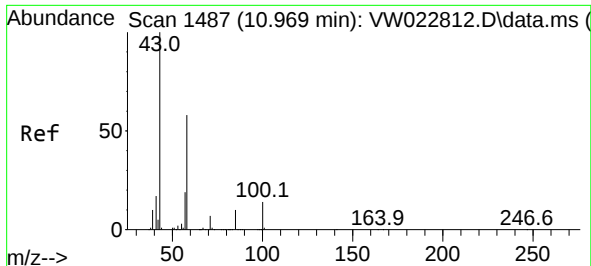
Tgt Ion:	97	Resp:	98019
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.7	82.9
83	80.0	58.4	108.4
85	54.6	38.7	71.9



#46
Tetrachloroethene
Concen: 23.440 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion:	164	Resp:	96567
Ion	Ratio	Lower	Upper
164	100		
129	109.5	76.9	142.7
131	104.1	75.1	139.5
166	131.3	96.0	178.2

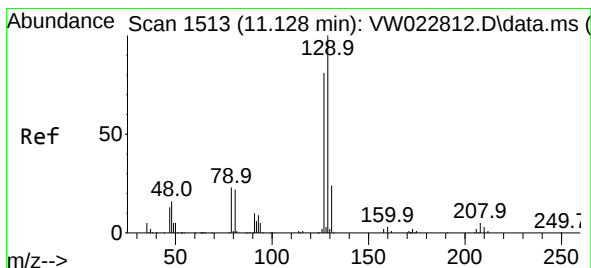
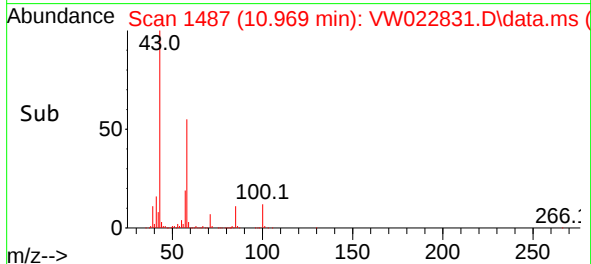
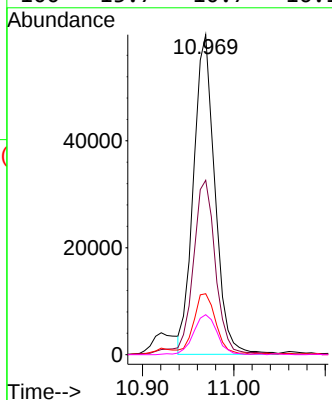
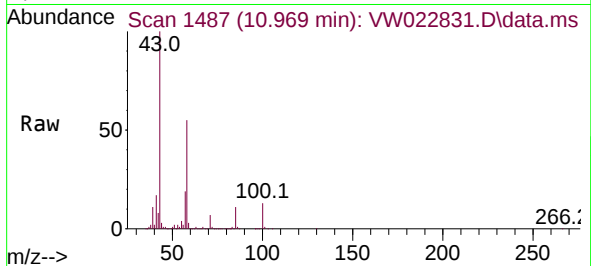




#48
2-Hexanone
Concen: 47.994 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

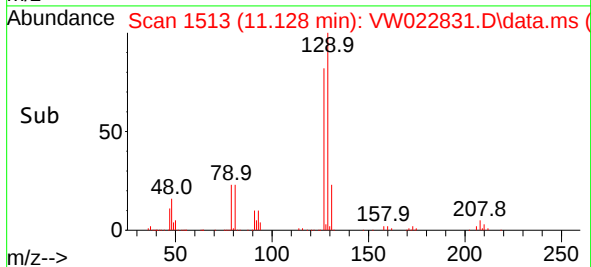
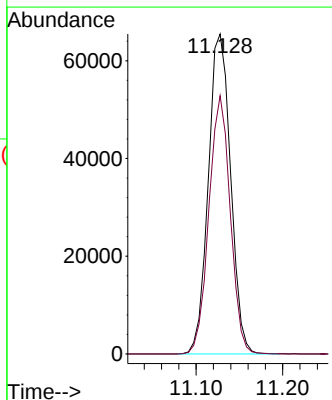
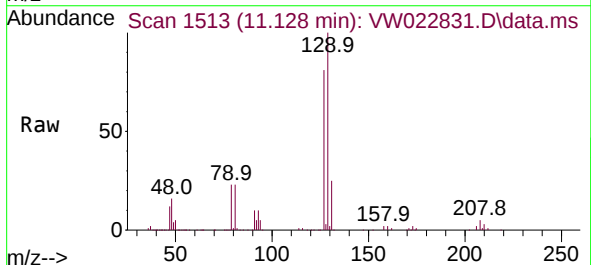
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

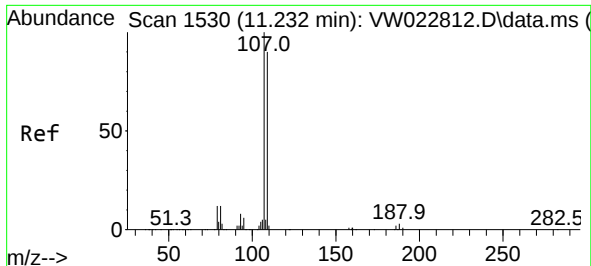
Tgt Ion:	43	Resp:	97498
Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.9	68.9
57	19.4	16.2	24.2
100	13.7	10.7	16.1



#49
Dibromochloromethane
Concen: 24.121 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion:	129	Resp:	117069
Ion	Ratio	Lower	Upper
129	100		
127	80.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 22.516 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

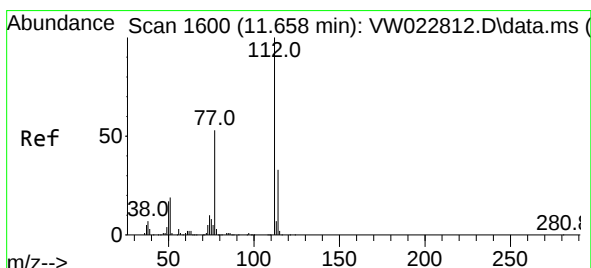
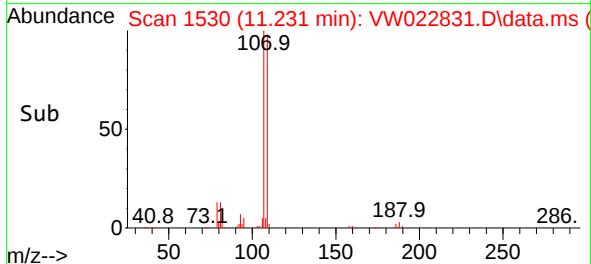
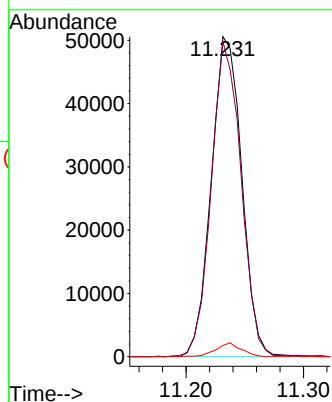
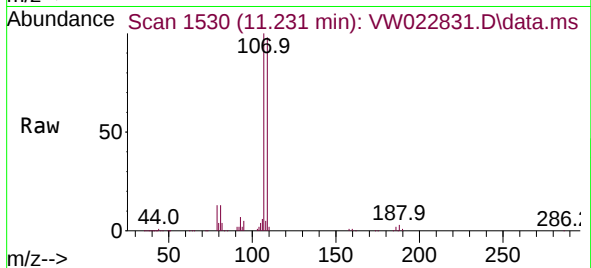
Tgt Ion:107 Resp: 91169

Ion Ratio Lower Upper

107 100

109 98.5 67.5 125.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 23.989 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

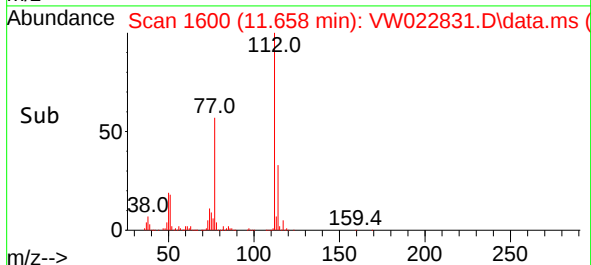
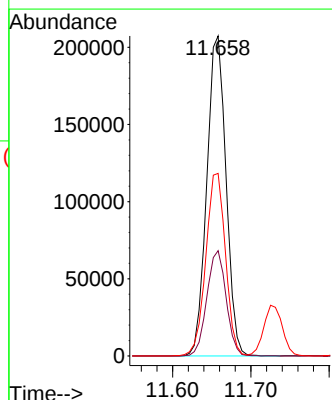
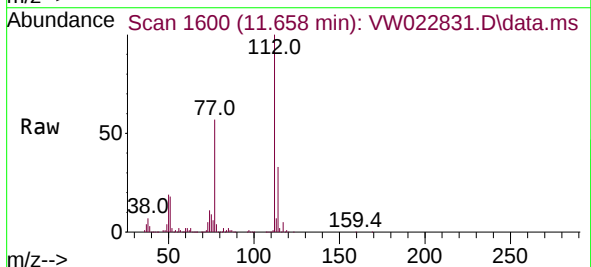
Tgt Ion:112 Resp: 353285

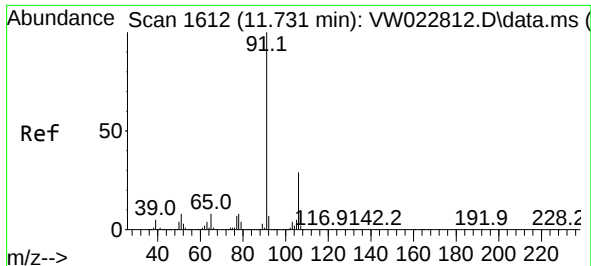
Ion Ratio Lower Upper

112 100

114 32.9 22.0 41.0

77 57.1 42.6 63.8

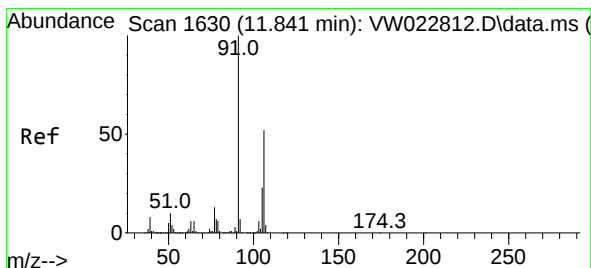
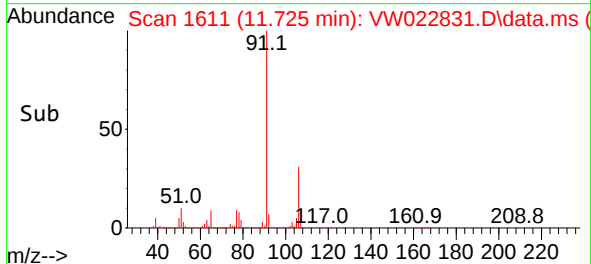
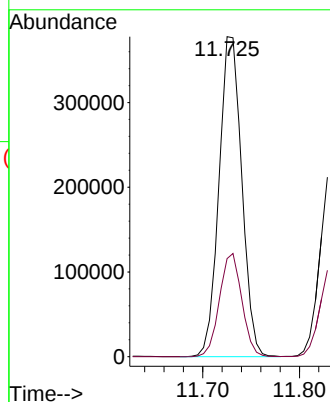
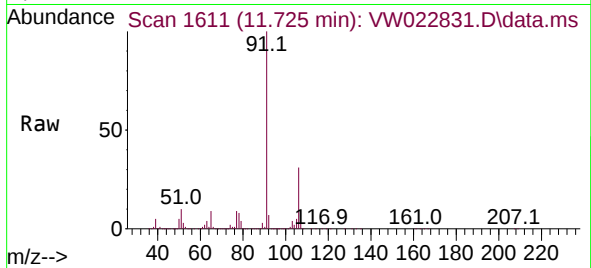




#52
Ethylbenzene
Concen: 24.865 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

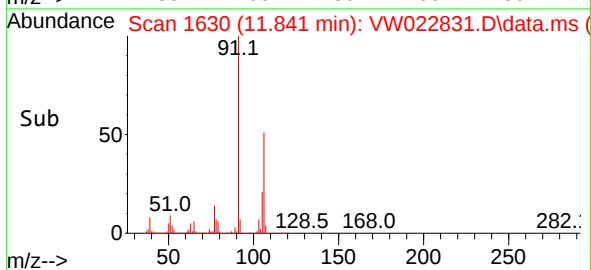
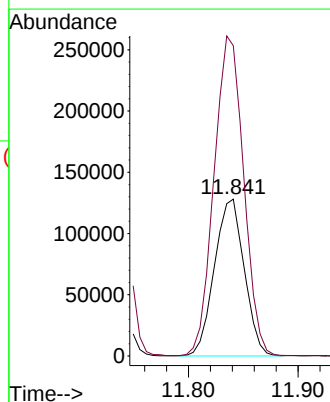
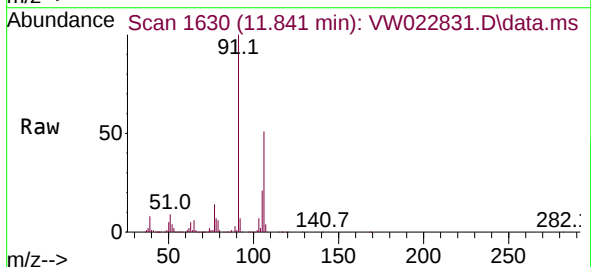
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

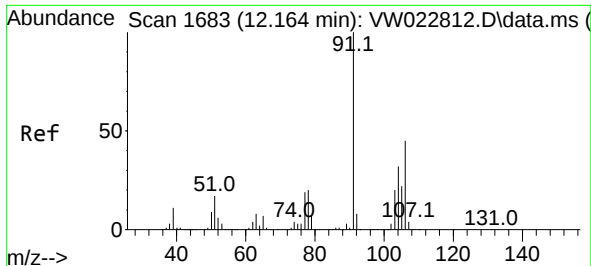
Tgt Ion: 91 Resp: 617966
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 24.721 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 106 Resp: 242082
Ion Ratio Lower Upper
106 100
91 197.9 136.8 254.0

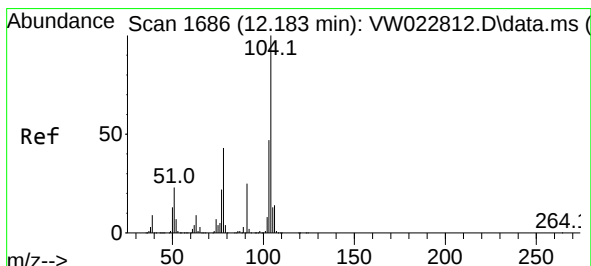
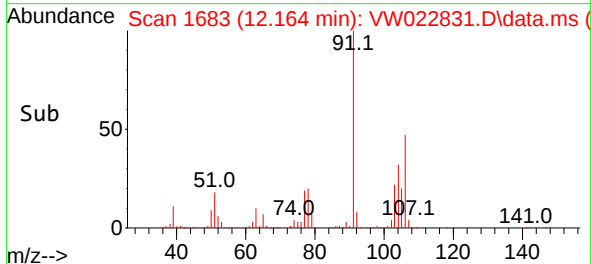
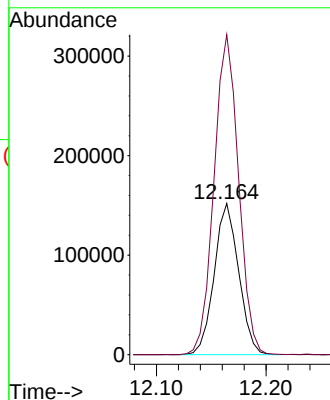
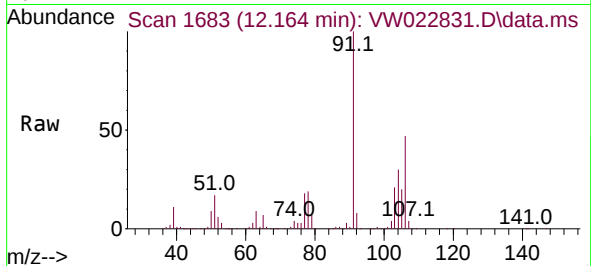




#54
o-Xylene
Concen: 25.048 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

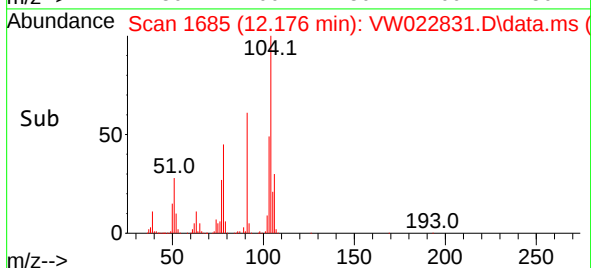
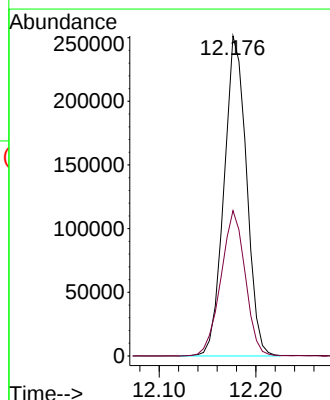
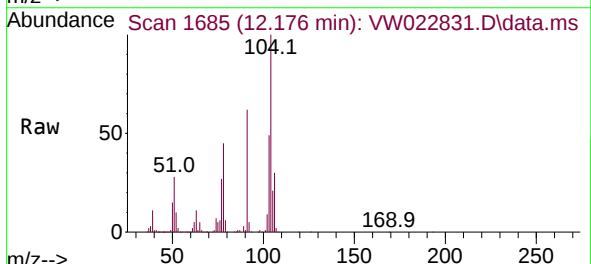
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

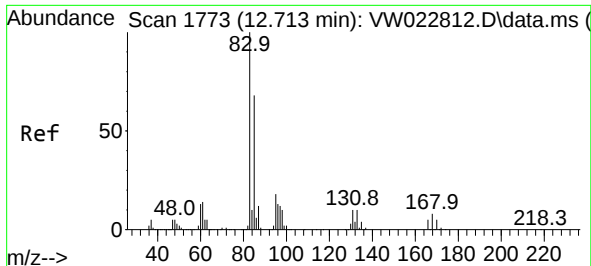
Tgt Ion:106 Resp: 235374
Ion Ratio Lower Upper
106 100
91 211.6 147.2 273.4



#55
Styrene
Concen: 25.342 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion:104 Resp: 404659
Ion Ratio Lower Upper
104 100
78 45.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.829 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

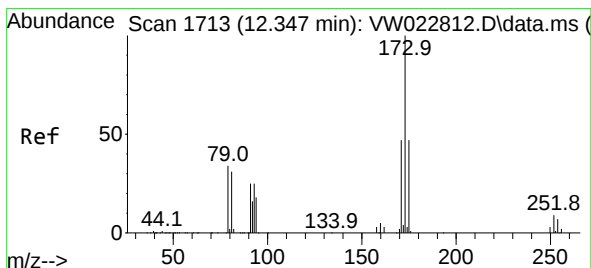
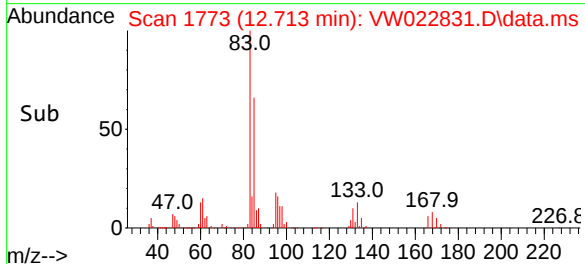
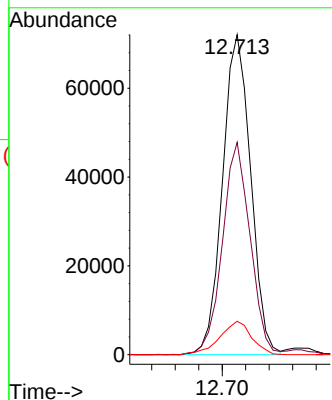
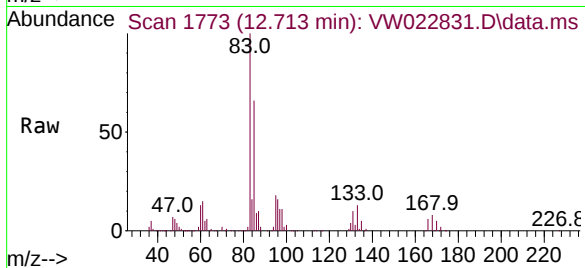
Tgt Ion: 83 Resp: 120021

Ion Ratio Lower Upper

83 100

85 66.3 47.5 88.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 22.139 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

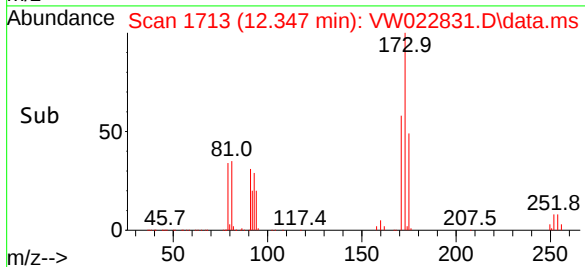
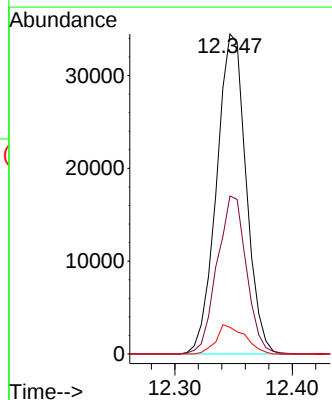
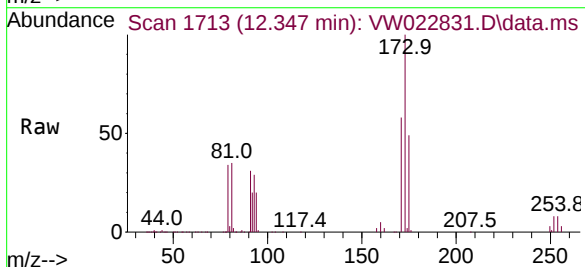
Tgt Ion: 173 Resp: 60180

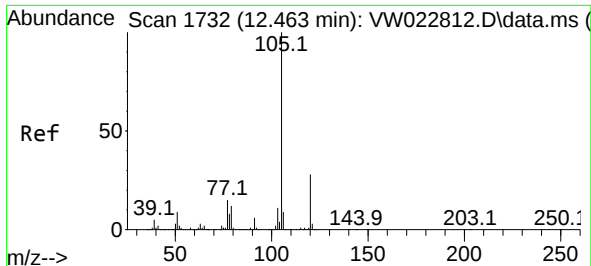
Ion Ratio Lower Upper

173 100

175 49.2 38.1 57.1

254 8.9 6.5 9.7

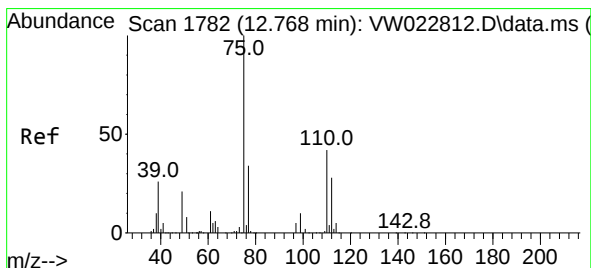
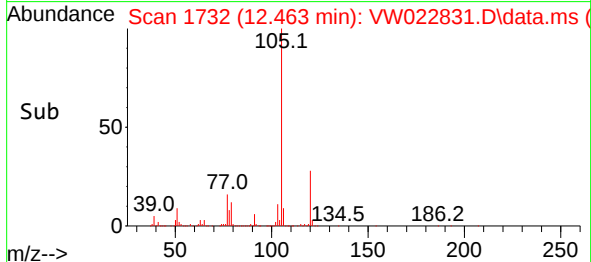
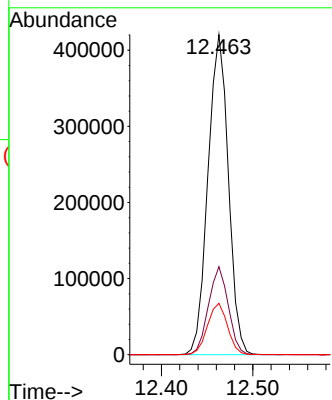
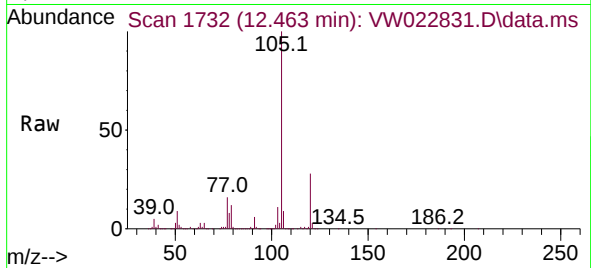




#60
Isopropylbenzene
Concen: 24.748 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

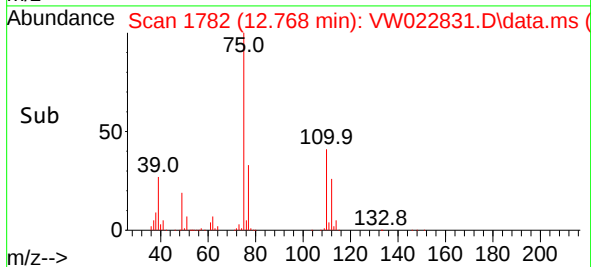
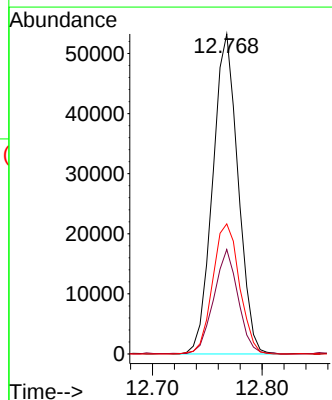
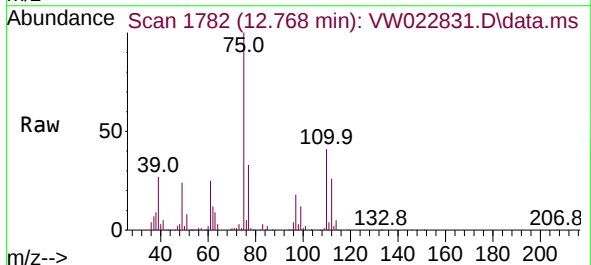
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

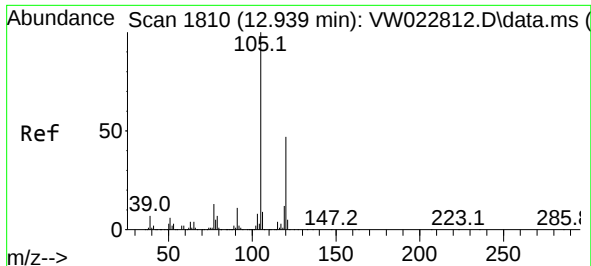
Tgt Ion:105 Resp: 650315
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.336 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion: 75 Resp: 85605
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 43.0 34.1 51.1

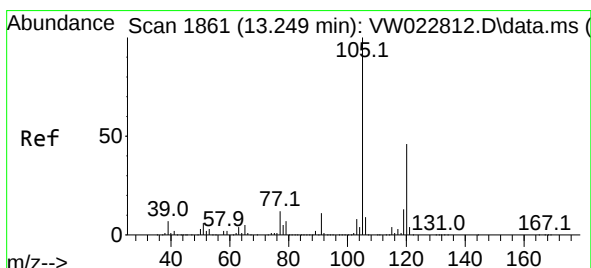
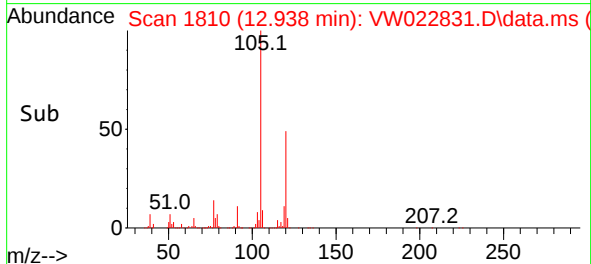
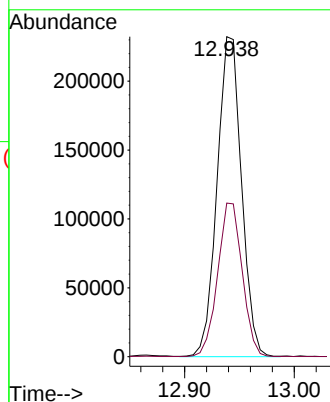
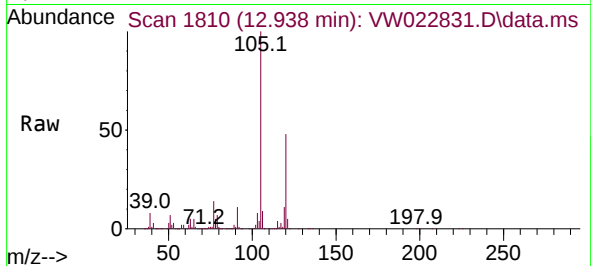




#62
1,3,5-Trimethylbenzene
Concen: 24.611 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

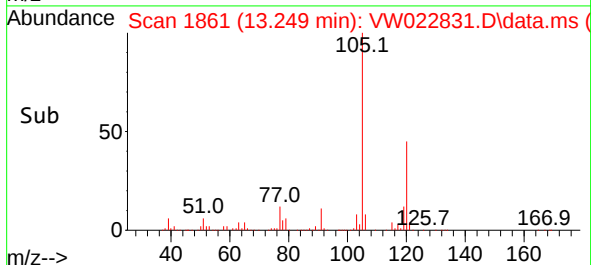
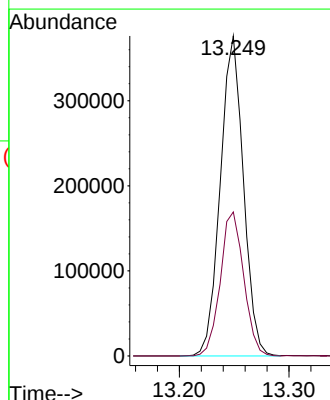
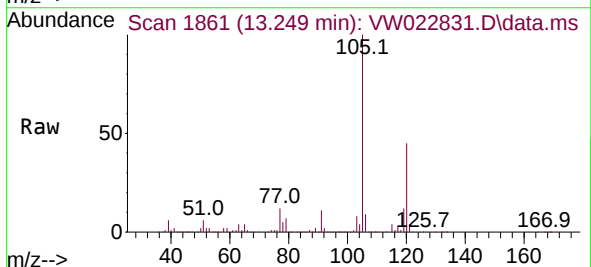
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

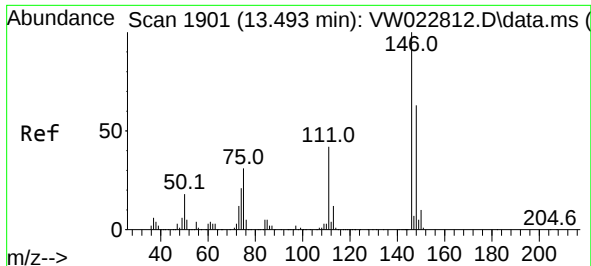
Tgt Ion:105 Resp: 359787
Ion Ratio Lower Upper
105 100
120 48.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.082 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion:105 Resp: 550577
Ion Ratio Lower Upper
105 100
120 45.6 37.4 56.2

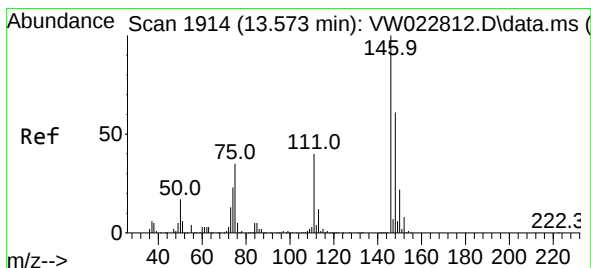
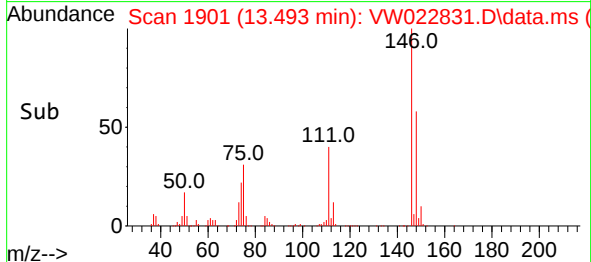
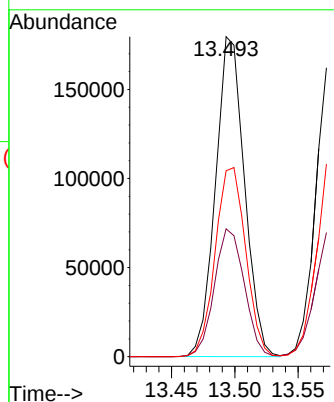
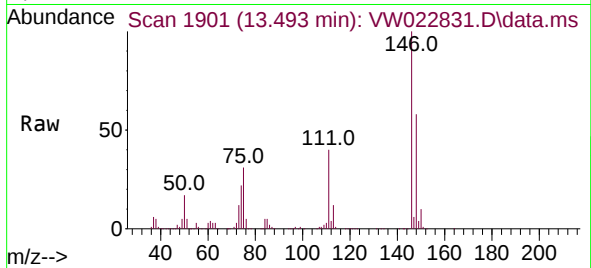




#64
1,3-Dichlorobenzene
Concen: 24.373 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

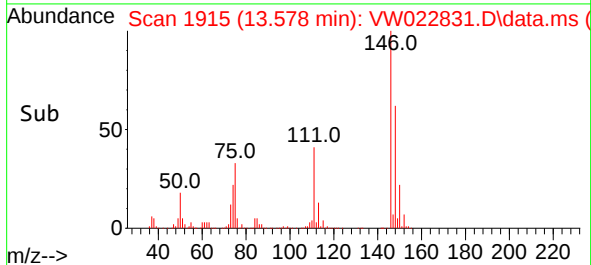
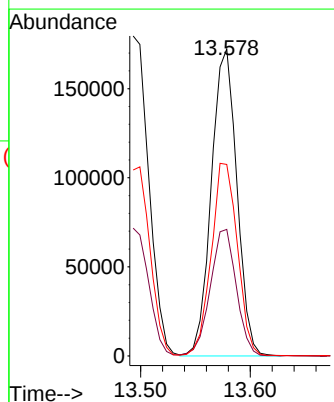
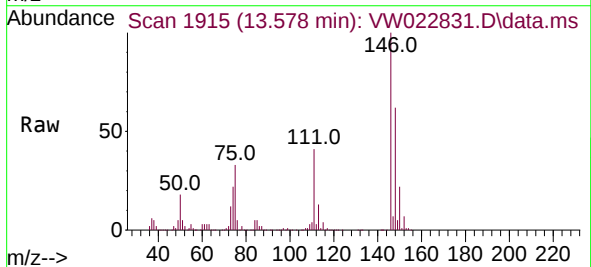
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

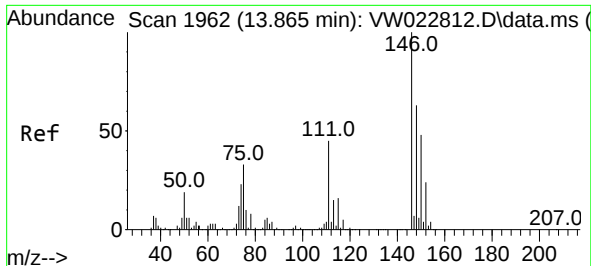
Tgt Ion:146 Resp: 285940
Ion Ratio Lower Upper
146 100
111 40.0 29.5 54.9
148 58.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.023 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022831.D
Acq: 05 May 2022 10:10

Tgt Ion:146 Resp: 278990
Ion Ratio Lower Upper
146 100
111 41.2 27.2 50.4
148 62.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.289 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

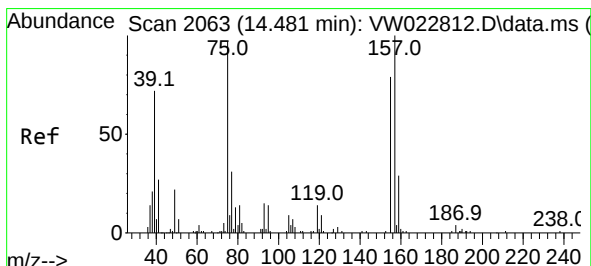
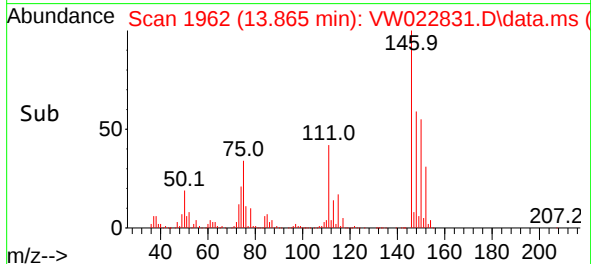
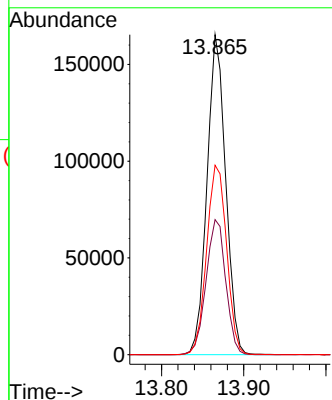
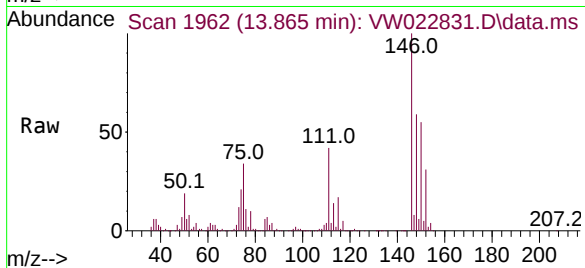
Tgt Ion:146 Resp: 260760

Ion Ratio Lower Upper

146 100

111 42.2 35.7 53.5

148 59.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.304 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

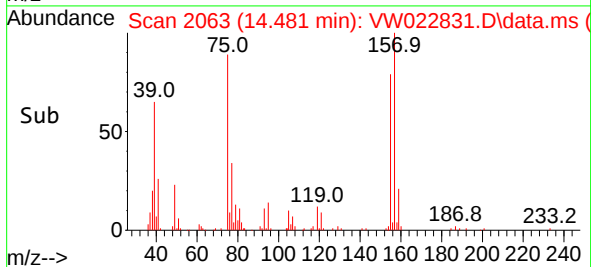
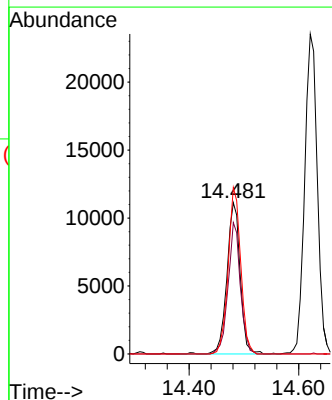
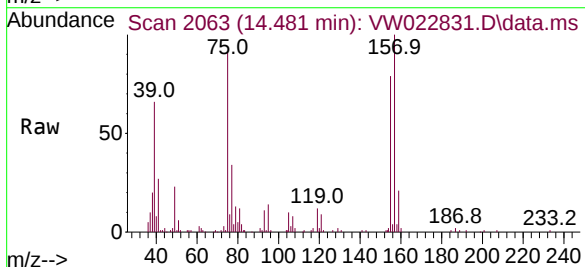
Tgt Ion: 75 Resp: 18682

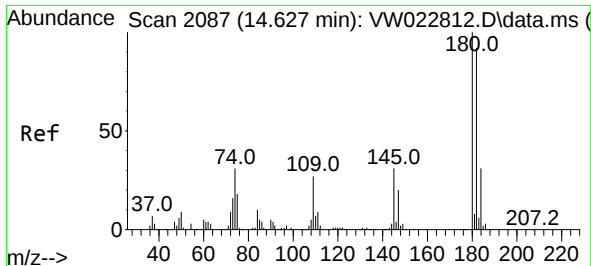
Ion Ratio Lower Upper

75 100

155 86.8 59.3 88.9

157 110.0 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 25.012 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

Tgt Ion:180 Resp: 194782

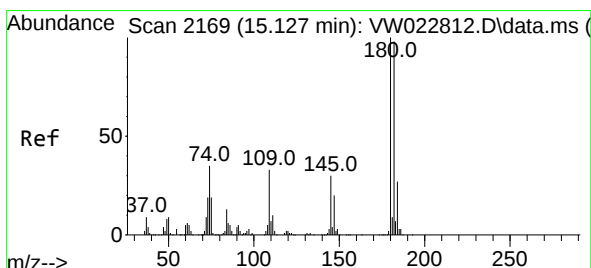
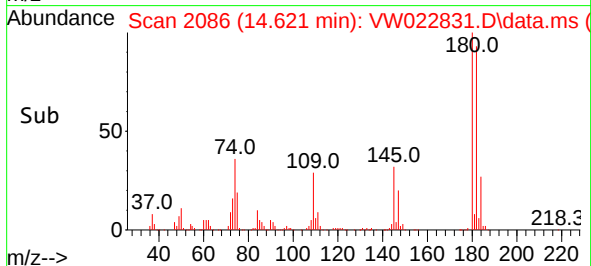
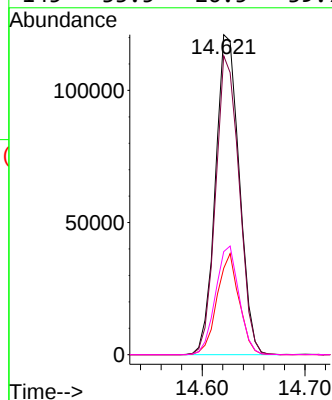
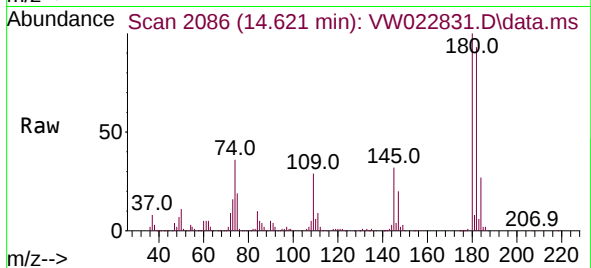
Ion Ratio Lower Upper

180 100

182 92.0 74.8 112.2

184 29.3 23.4 35.2

145 33.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.424 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

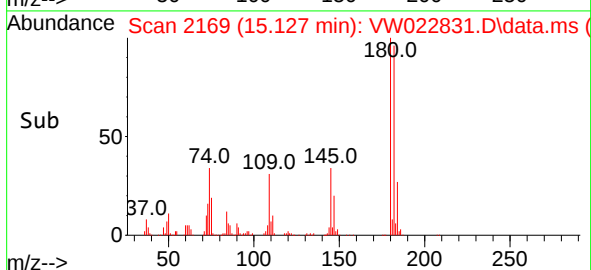
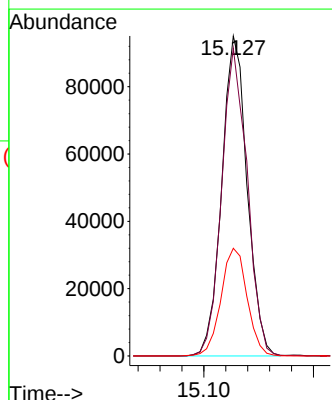
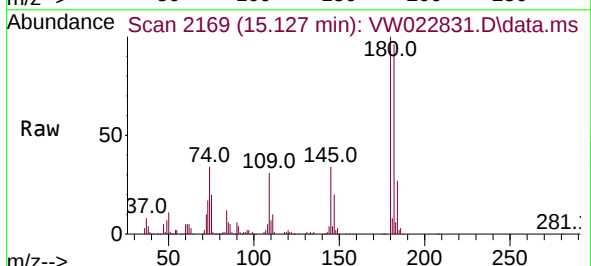
Tgt Ion:180 Resp: 153003

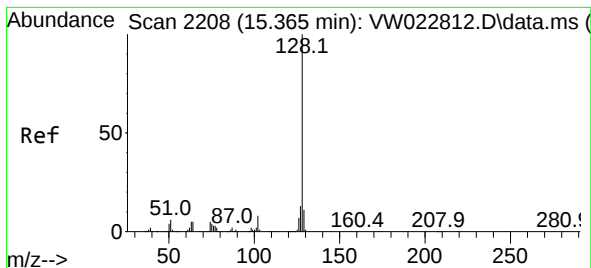
Ion Ratio Lower Upper

180 100

182 96.7 74.9 112.3

145 34.7 26.6 39.8





#71

Naphthalene

Concen: 24.144 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

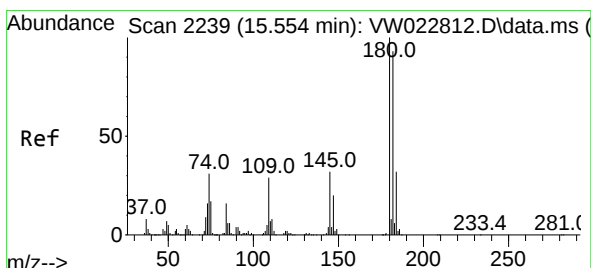
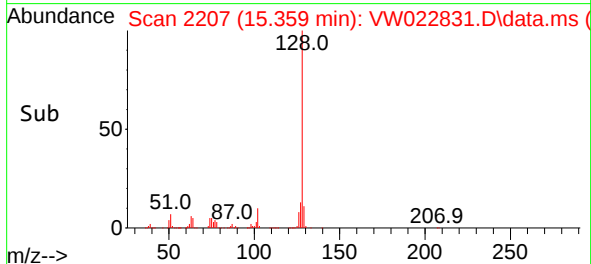
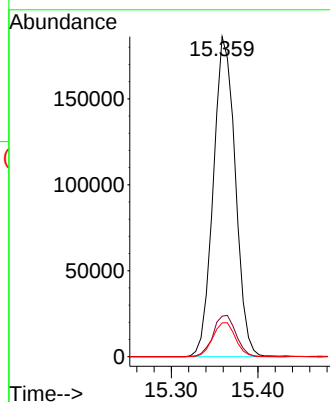
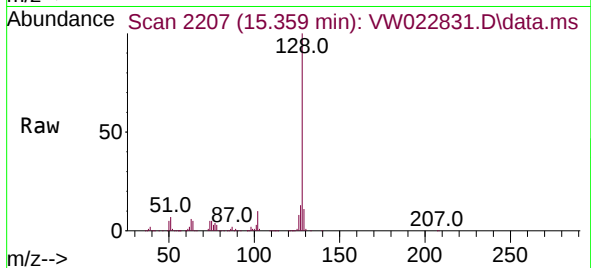
Tgt Ion:128 Resp: 328728

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.398 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022831.D

Acq: 05 May 2022 10:10

Tgt Ion:180 Resp: 135461

Ion Ratio Lower Upper

180 100

182 93.2 73.5 110.3

145 35.7 27.9 41.9

