

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081222\
 Data File : VW024233.D
 Acq On : 12 Aug 2022 15:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Aug 12 23:05:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 12 23:04:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	292594	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	289644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	118421	19.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.867	69	79033	20.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
11) 1,1-Dichloroethene-d2	4.007	63	146786	21.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.074	46	60688	53.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.680%
24) Chloroform-d	7.641	84	202195	22.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.299	65	111040	22.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.360%
32) Benzene-d6	8.269	84	356827	20.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.560%
36) 1,2-Dichloropropane-d6	9.268	67	110129	21.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.360%
41) Toluene-d8	10.317	98	340473	21.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.573	79	48202	21.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.280%
47) 2-Hexanone-d5	10.921	63	49499	53.135	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119710	24.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	145709	22.798	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	64753	25.155	ug/L	92
3) Chloromethane	2.203	50	130227	26.974	ug/L	99
5) Vinyl chloride	2.343	62	177918	26.474	ug/L	98
6) Bromomethane	2.757	94	93094	24.159	ug/L	95
8) Chloroethane	2.904	64	77684	26.389	ug/L	93
9) Trichlorofluoromethane	3.239	101	73426	23.048	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	116509	27.116	ug/L	96
12) 1,1-Dichloroethene	4.019	96	93768	26.657	ug/L	87
14) Carbon disulfide	4.367	76	258878	22.999	ug/L	98
15) Methyl Acetate	4.666	43	49991	26.494	ug/L	98
16) Methylene chloride	4.903	84	115441	22.373	ug/L	95
17) trans-1,2-Dichloroethene	5.409	96	105394	25.945	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	162827	28.110	ug/L	99
19) 1,1-Dichloroethane	6.202	63	191116	26.708	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	121419	27.217	ug/L #	86
22) 2-Butanone	7.171	43	68191	48.306	ug/L	96
23) Bromochloromethane	7.507	128	60594	27.273	ug/L	95
25) Chloroform	7.671	83	222135	28.172	ug/L	96
27) 1,2-Dichloroethane	8.397	62	147689	27.835	ug/L	100

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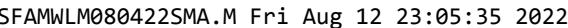
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 ClientSampleId :
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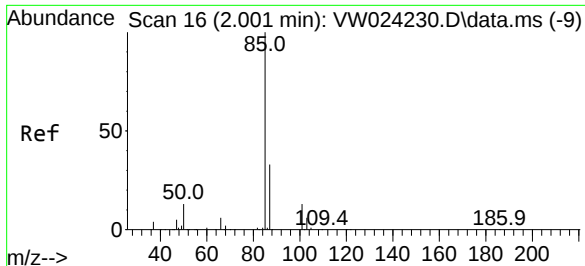
Quant Time: Aug 12 23:05:27 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 12 23:04:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	149318	25.145	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	176984	27.095	ug/L	99
31) Carbon tetrachloride	8.061	117	166502	27.020	ug/L	100
33) Benzene	8.317	78	452703	26.463	ug/L	100
34) Trichloroethene	9.086	95	113449	25.090	ug/L	92
35) Methylcyclohexane	9.329	83	186645	26.323	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114674	27.118	ug/L	99
38) Bromodichloromethane	9.640	83	163966	27.645	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	174918	28.116	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	154390	55.011	ug/L	98
42) Toluene	10.384	91	497122	27.346	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	157670	27.736	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101321	28.427	ug/L	97
46) Tetrachloroethene	10.860	164	97967	26.763	ug/L	93
48) 2-Hexanone	10.963	43	110892	58.222	ug/L	99
49) Dibromochloromethane	11.122	129	123446	28.769	ug/L	94
50) 1,2-Dibromoethane	11.231	107	95060	27.837	ug/L	96
51) Chlorobenzene	11.652	112	340291	27.398	ug/L	96
52) Ethylbenzene	11.725	91	553704	27.801	ug/L	97
53) m,p-Xylene	11.835	106	219533	28.317	ug/L	97
54) o-Xylene	12.164	106	212189	28.971	ug/L	95
55) Styrene	12.176	104	375419	29.471	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124148	27.870	ug/L	95
59) Bromoform	12.347	173	74555	27.985	ug/L	97
60) Isopropylbenzene	12.463	105	568387	26.882	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	87788	25.256	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	490047	28.047	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	484599	28.162	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	277112	26.765	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	284902	25.986	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	263083	26.759	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	20053	24.693	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	197260	29.056	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	151613	27.886	ug/L	98
71) Naphthalene	15.365	128	321995	30.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	149586	30.220	ug/L	98

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

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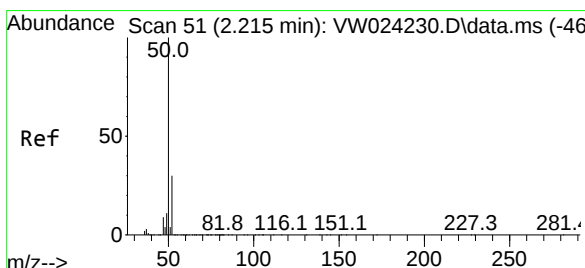
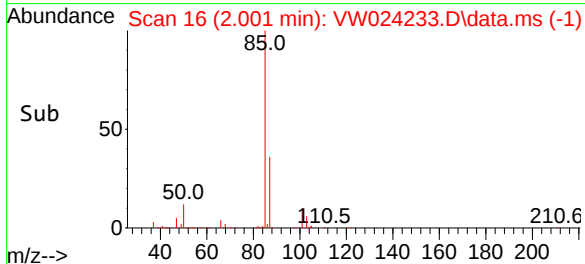
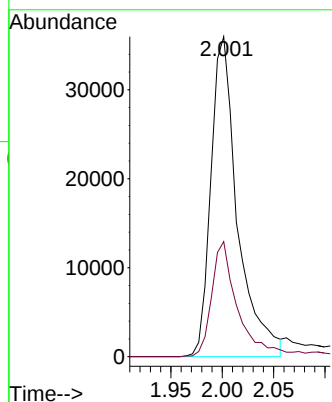
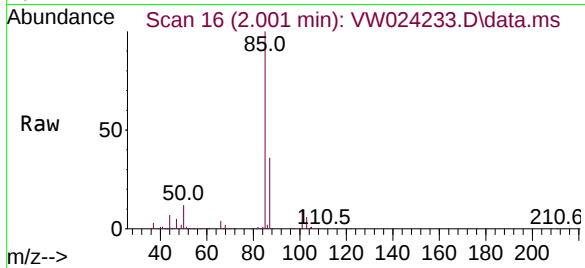




#2
Dichlorodifluoromethane
Concen: 25.155 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

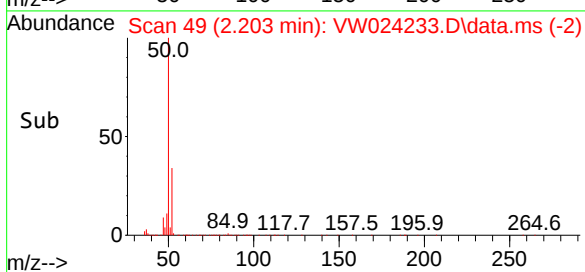
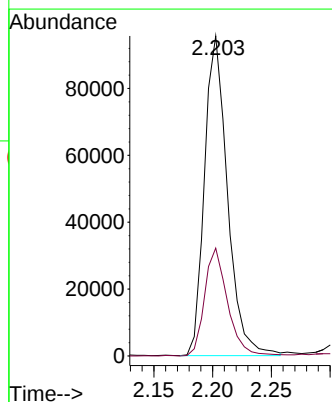
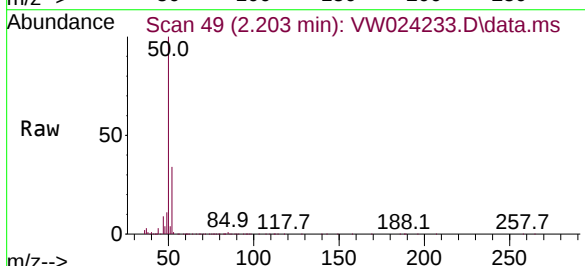
Instrument :
MSVOA_W
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VSTD025533

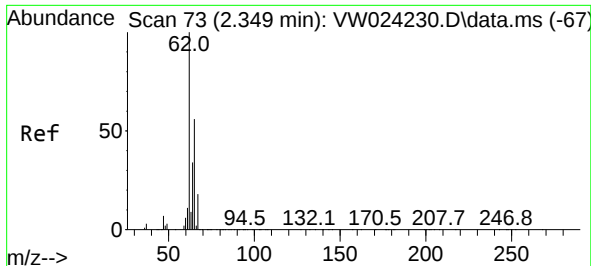
Tgt Ion: 85 Resp: 64753
Ion Ratio Lower Upper
85 100
87 34.7 24.5 36.7



#3
Chloromethane
Concen: 26.974 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 50 Resp: 130227
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

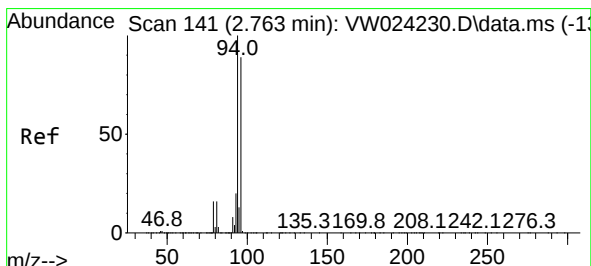
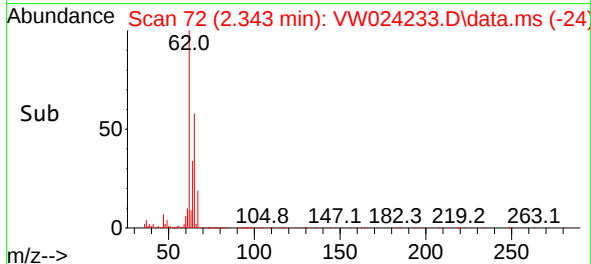
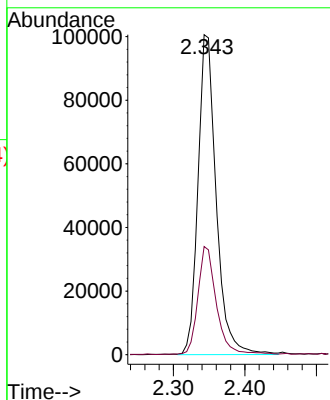
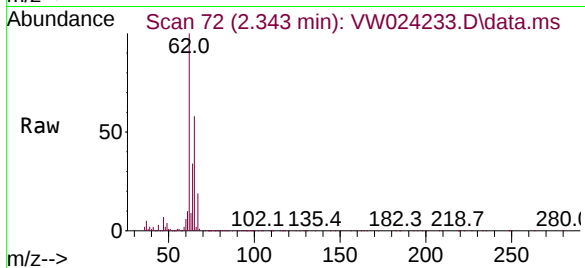




#5
 Vinyl chloride
 Concen: 26.474 ug/L
 RT: 2.343 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

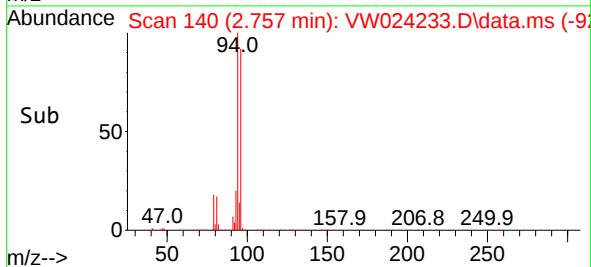
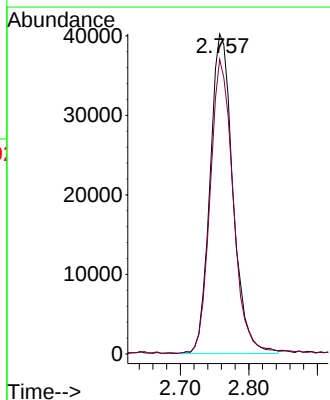
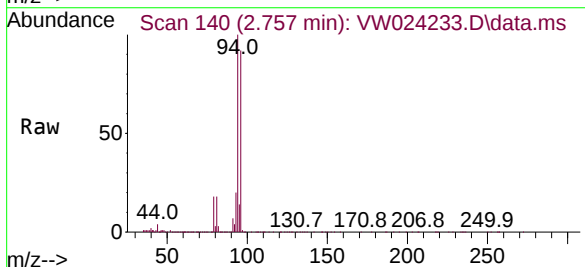
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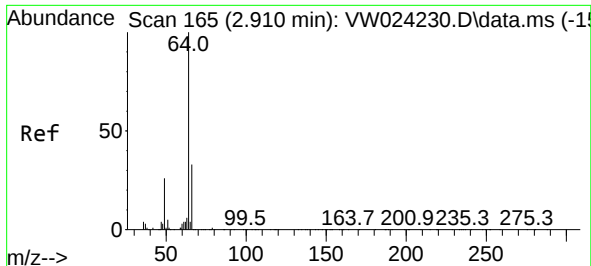
Tgt Ion: 62 Resp: 177918
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 24.159 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

Tgt Ion: 94 Resp: 93094
 Ion Ratio Lower Upper
 94 100
 96 92.1 61.0 113.4

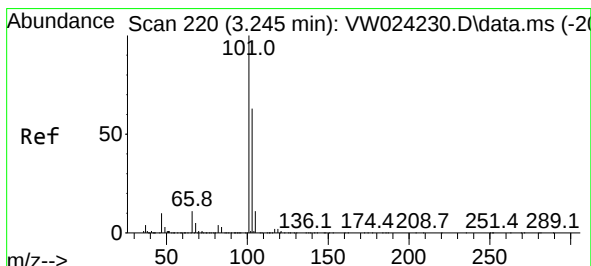
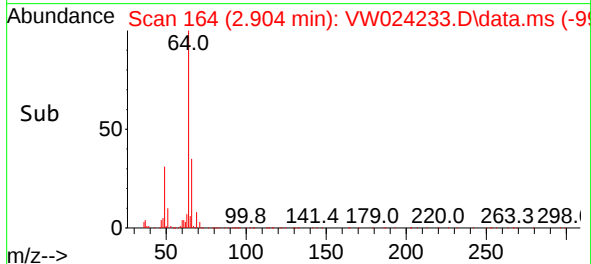
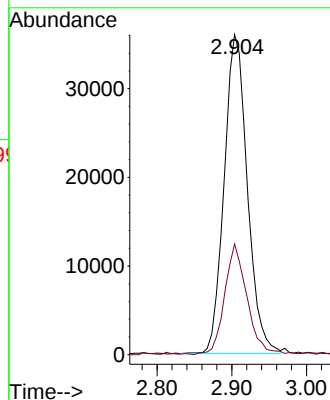
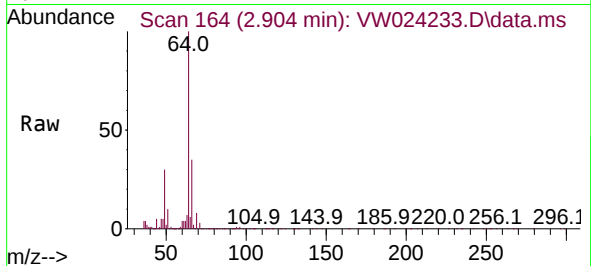




#8
Chloroethane
Concen: 26.389 ug/L
RT: 2.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

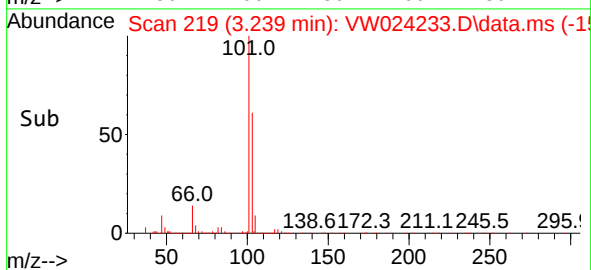
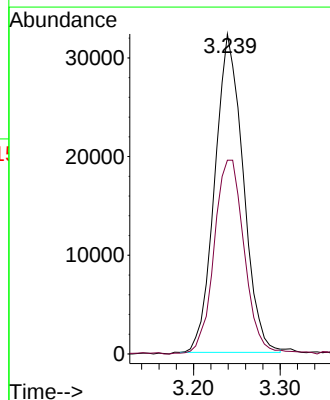
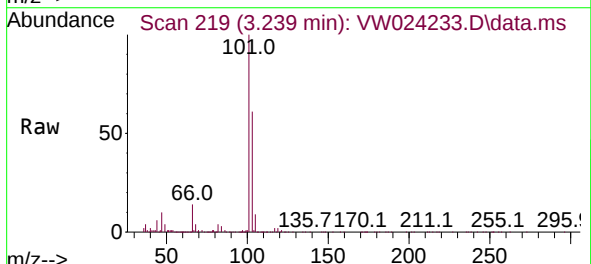
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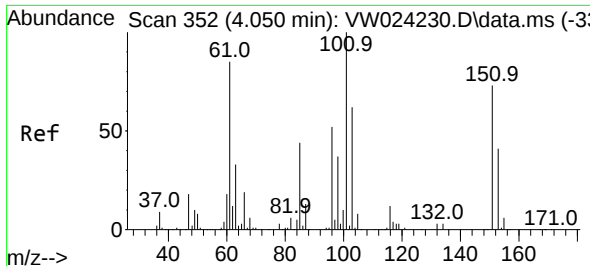
Tgt Ion: 64 Resp: 77684
Ion Ratio Lower Upper
64 100
66 34.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 23.048 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 101 Resp: 73426
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

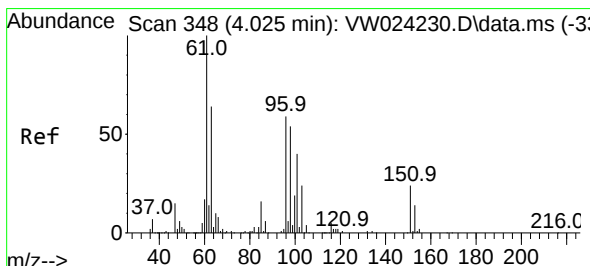
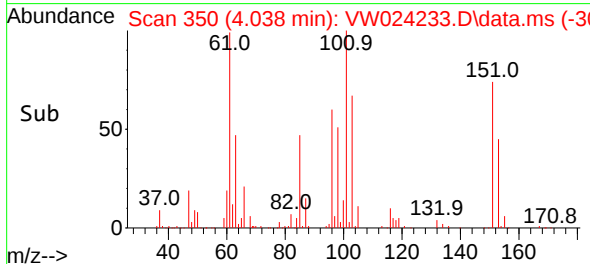
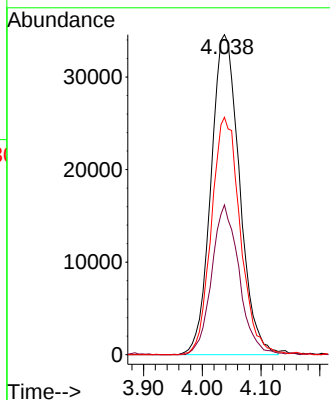
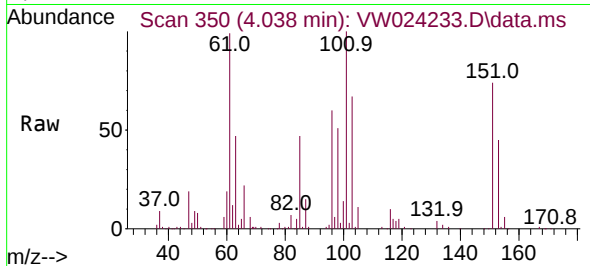




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.116 ug/L
 RT: 4.038 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

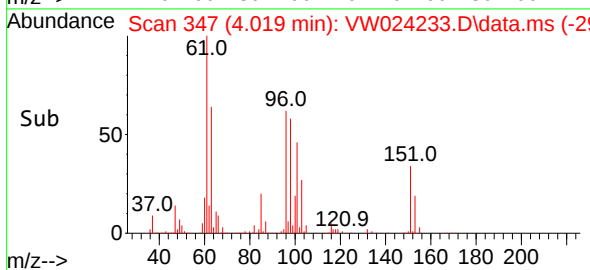
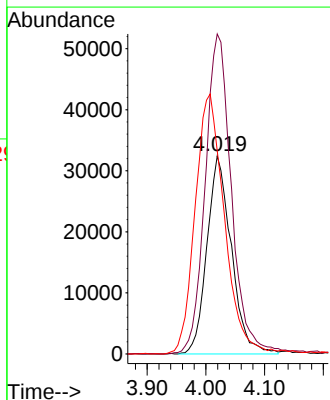
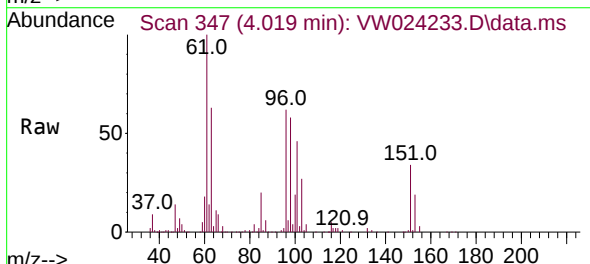
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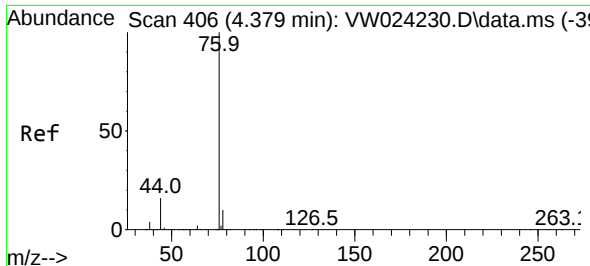
Tgt Ion:101 Resp: 116509
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.9 52.3
 151 75.0 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 26.657 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.006 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

Tgt Ion: 96 Resp: 93768
 Ion Ratio Lower Upper
 96 100
 61 161.6 123.1 228.5
 63 102.5 84.9 157.7

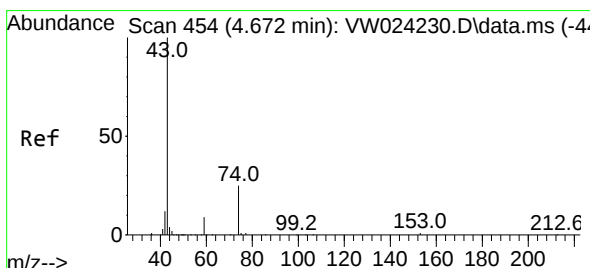
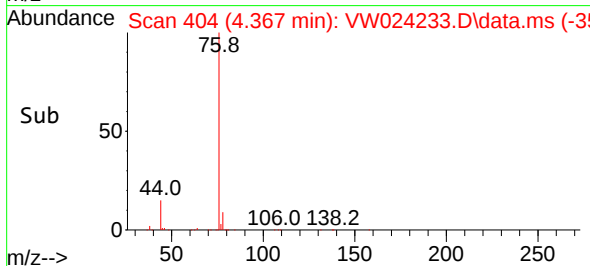
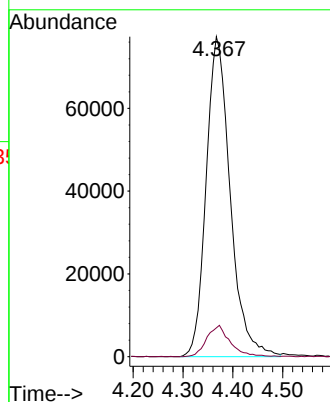
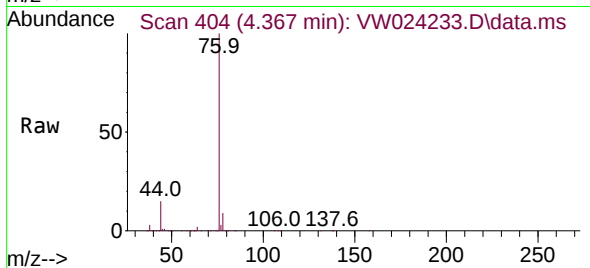




#14
Carbon disulfide
Concen: 22.999 ug/L
RT: 4.367 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

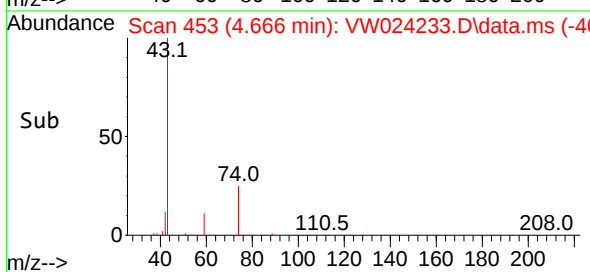
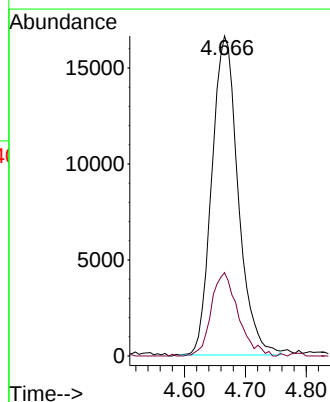
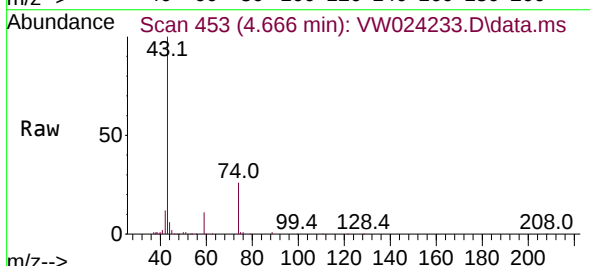
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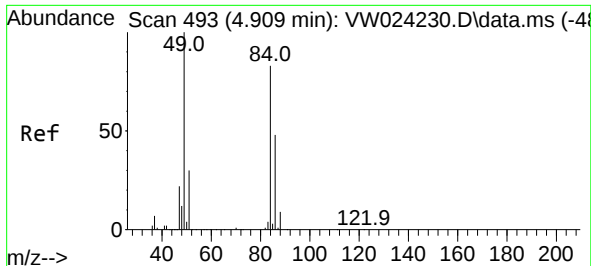
Tgt Ion: 76 Resp: 258878
Ion Ratio Lower Upper
76 100
78 9.0 7.9 11.9



#15
Methyl Acetate
Concen: 26.494 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 43 Resp: 49991
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3

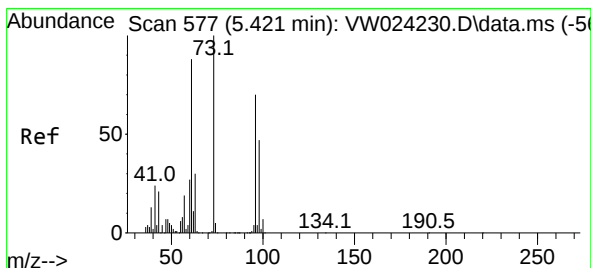
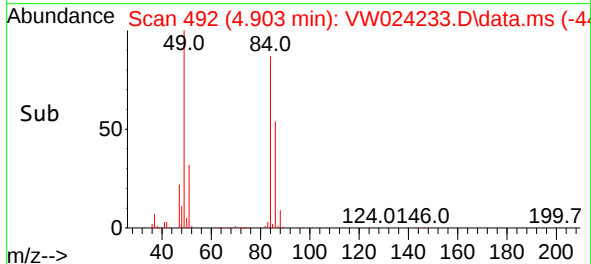
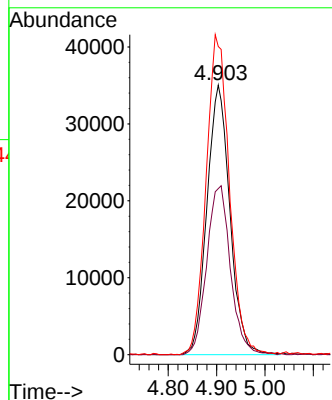
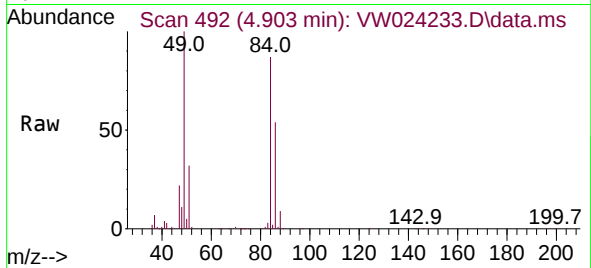




#16
Methylene chloride
Concen: 22.373 ug/L
RT: 4.903 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

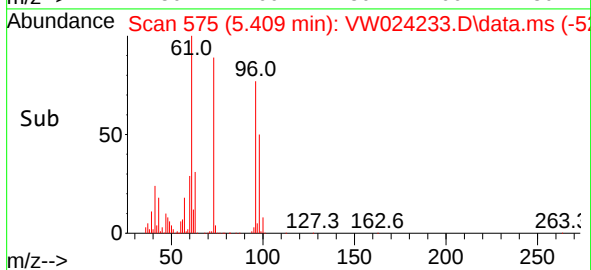
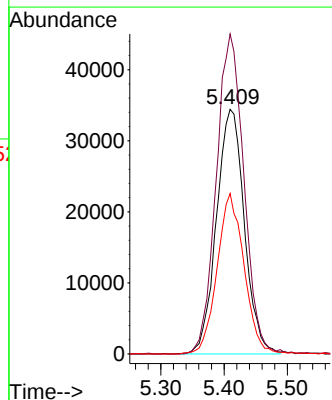
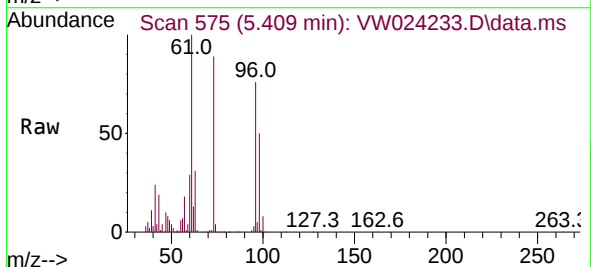
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

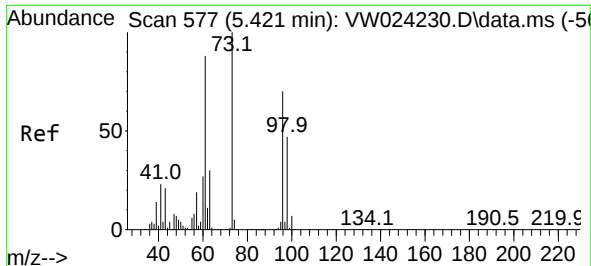
Tgt Ion: 84 Resp: 115441
Ion Ratio Lower Upper
84 100
86 61.6 42.8 79.6
49 114.3 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 25.945 ug/L
RT: 5.409 min Scan# 575
Delta R.T. -0.012 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 96 Resp: 105394
Ion Ratio Lower Upper
96 100
61 130.8 93.0 172.8
98 65.6 48.5 90.1

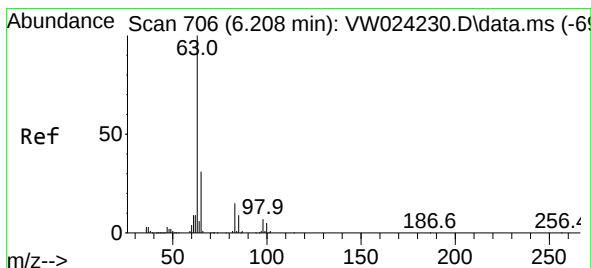
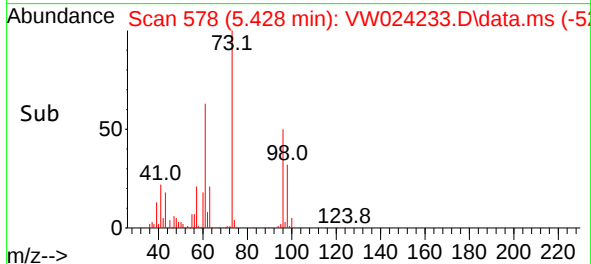
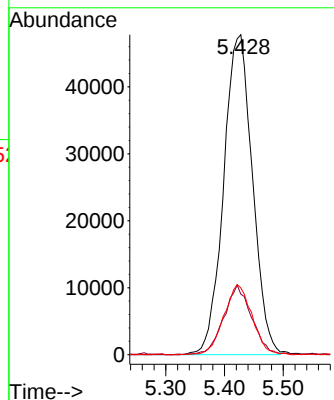
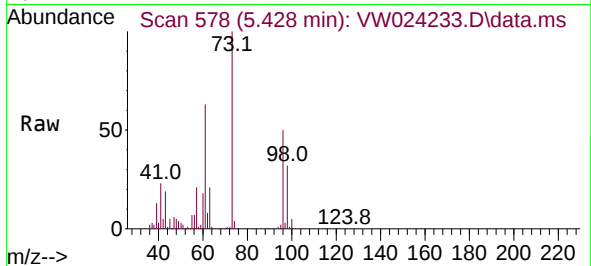




#18
Methyl tert-butyl Ether
Concen: 28.110 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

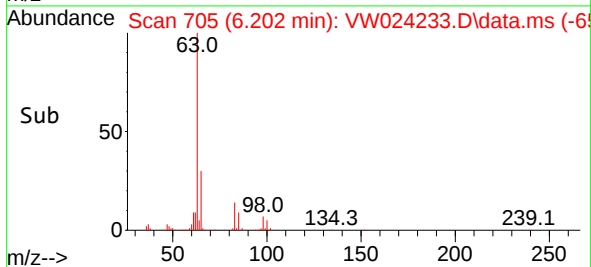
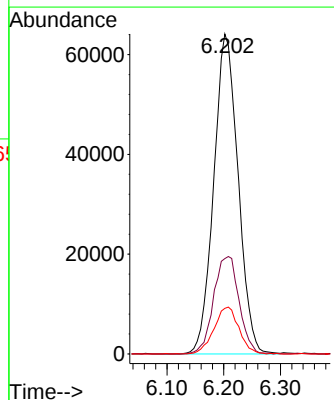
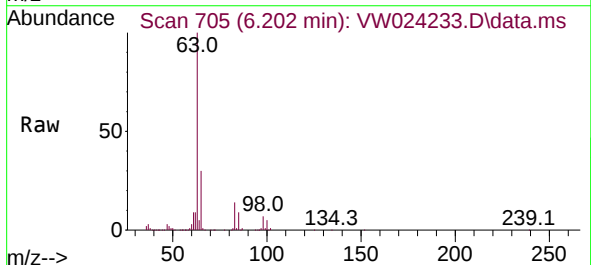
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

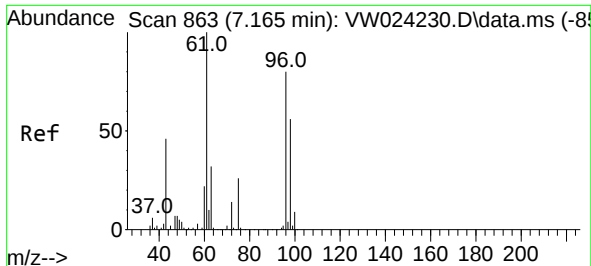
Tgt Ion: 73 Resp: 162827
Ion Ratio Lower Upper
73 100
43 20.6 16.6 24.8
57 21.3 17.6 26.4



#19
1,1-Dichloroethane
Concen: 26.708 ug/L
RT: 6.202 min Scan# 705
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 63 Resp: 191116
Ion Ratio Lower Upper
63 100
65 29.8 22.0 41.0
83 14.3 9.2 17.0

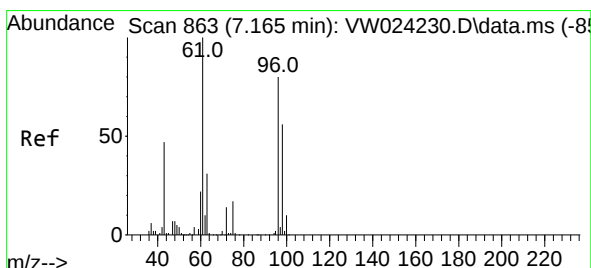
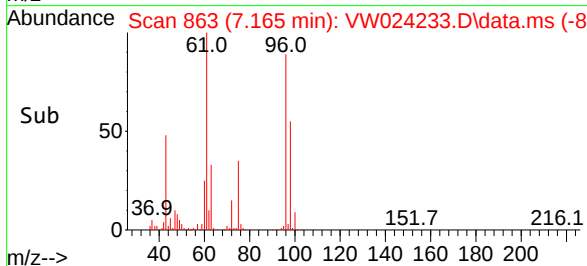
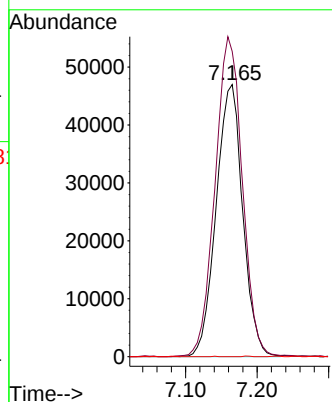
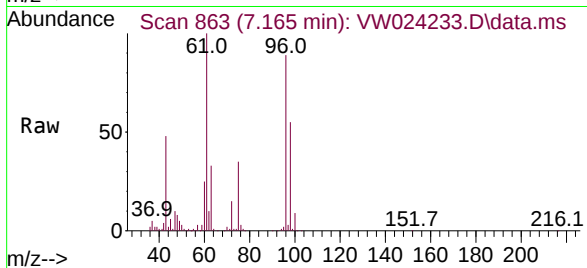




#20
 cis-1,2-Dichloroethene
 Concen: 27.217 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

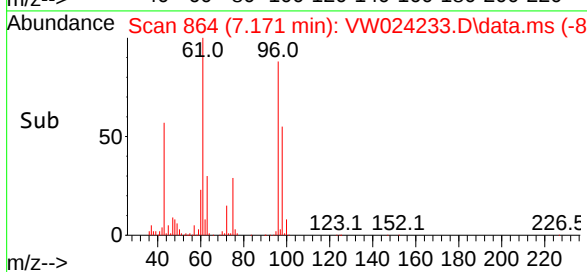
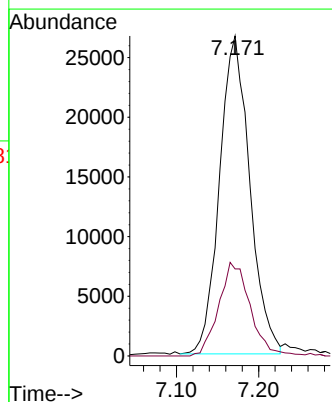
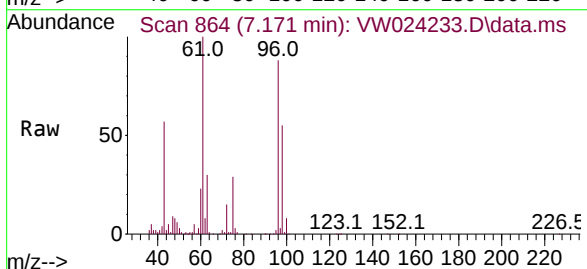
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

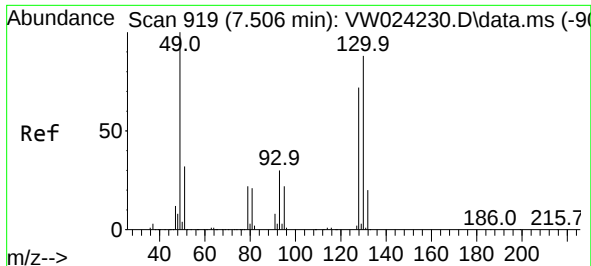
Tgt Ion: 96 Resp: 121419
 Ion Ratio Lower Upper
 96 100
 61 112.2 89.5 166.3
 68 0.1 0.1 0.1#



#22
 2-Butanone
 Concen: 48.306 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

Tgt Ion: 43 Resp: 68191
 Ion Ratio Lower Upper
 43 100
 72 30.6 14.3 42.9

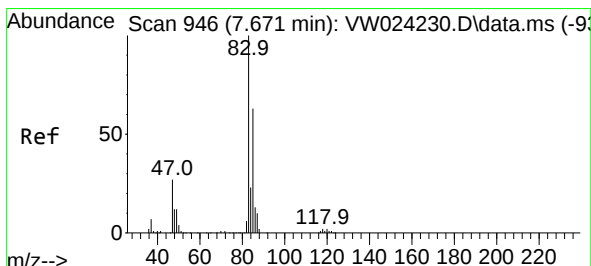
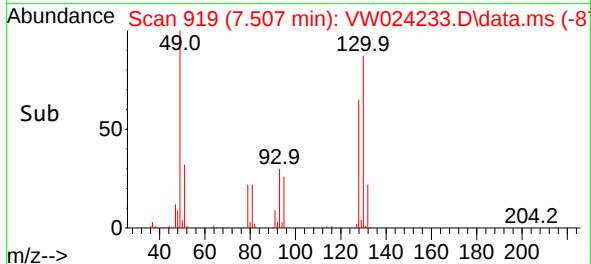
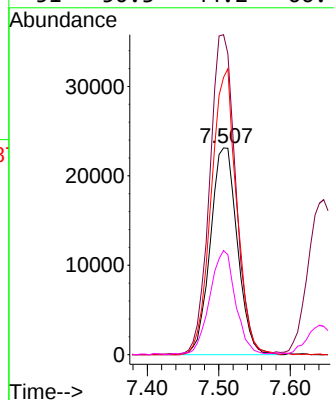
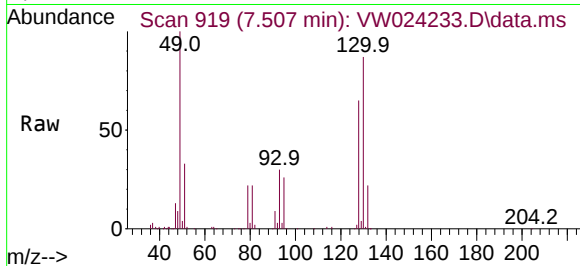




#23
Bromochloromethane
Concen: 27.273 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

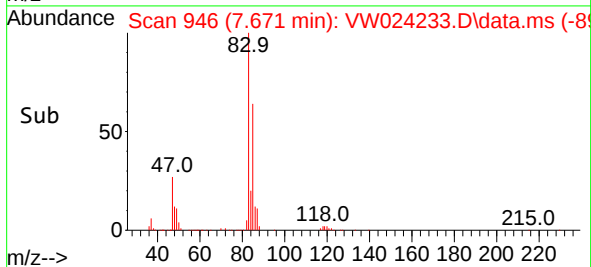
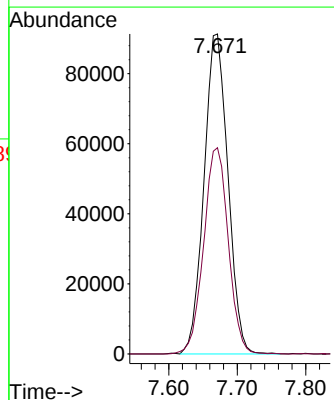
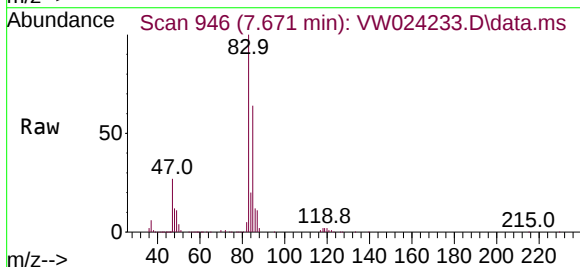
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

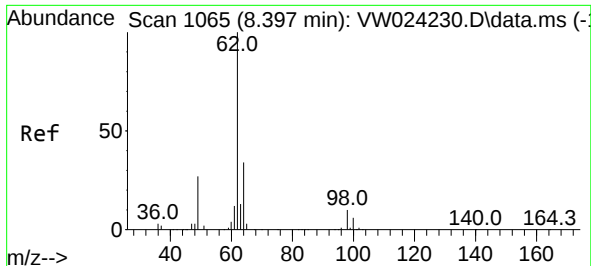
Tgt Ion:	128	Resp:	60594
Ion	Ratio	Lower	Upper
128	100		
49	154.8	106.6	198.0
130	134.1	88.1	163.5
51	50.3	44.2	66.4



#25
Chloroform
Concen: 28.172 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion:	83	Resp:	222135
Ion	Ratio	Lower	Upper
83	100		
85	64.5	42.9	79.7





#27

1,2-Dichloroethane

Concen: 27.835 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

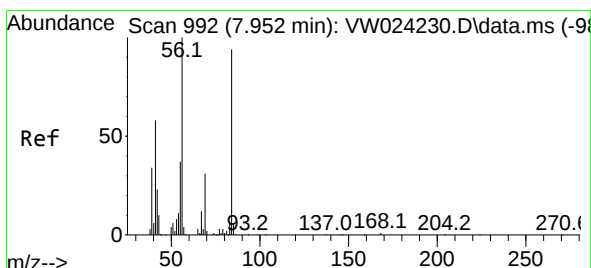
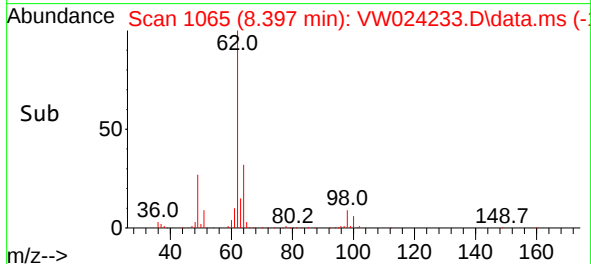
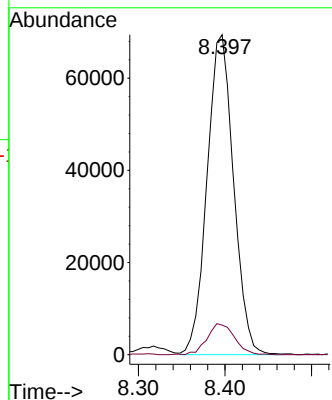
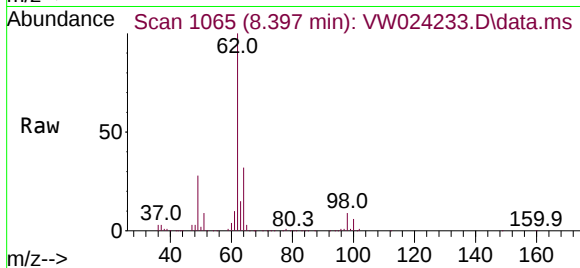
VSTD025533

Tgt Ion: 62 Resp: 147689

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0



#29

Cyclohexane

Concen: 25.145 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

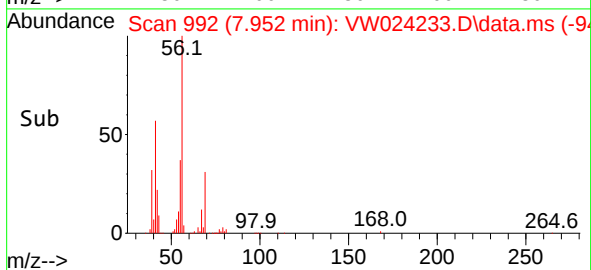
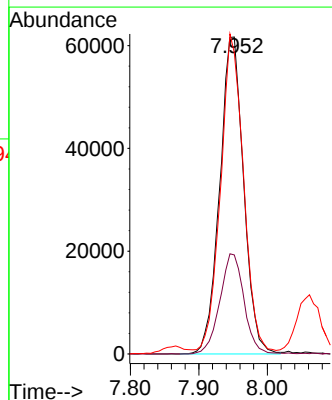
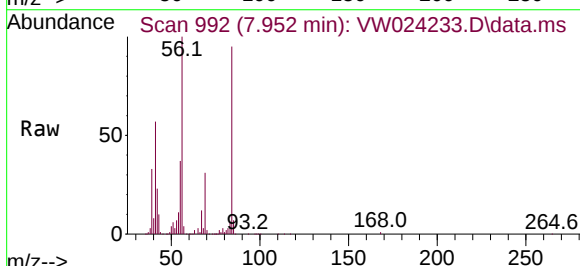
Tgt Ion: 56 Resp: 149318

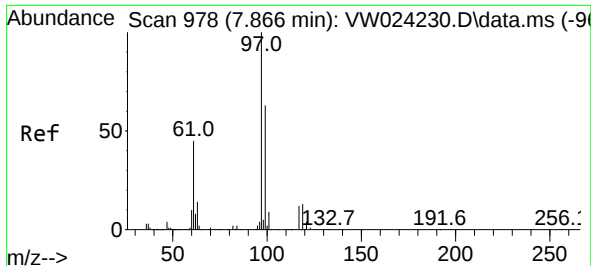
Ion Ratio Lower Upper

56 100

69 31.8 24.5 36.7

84 97.2 75.5 113.3

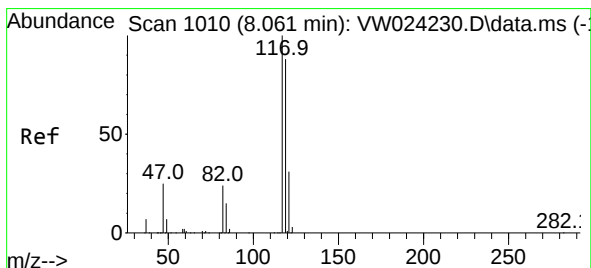
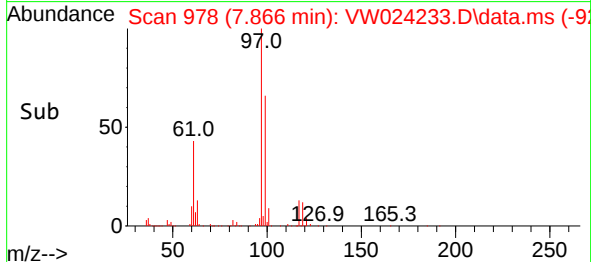
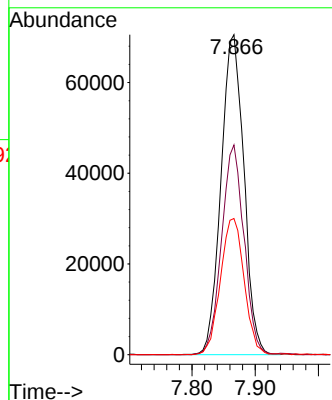
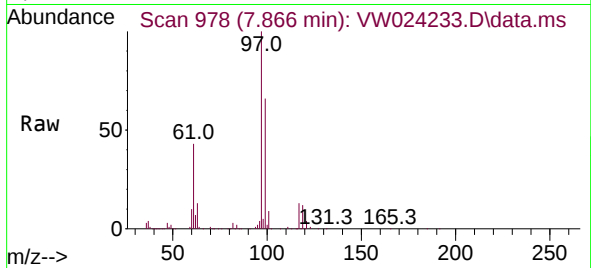




#30
1,1,1-Trichloroethane
Concen: 27.095 ug/L
RT: 7.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

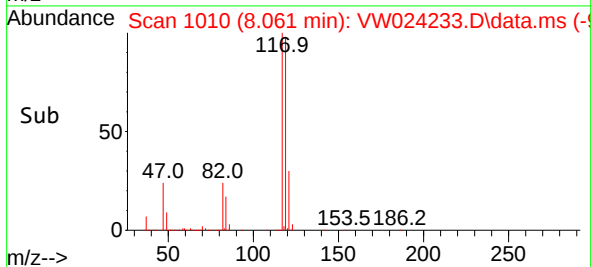
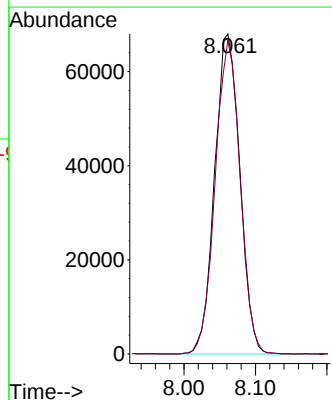
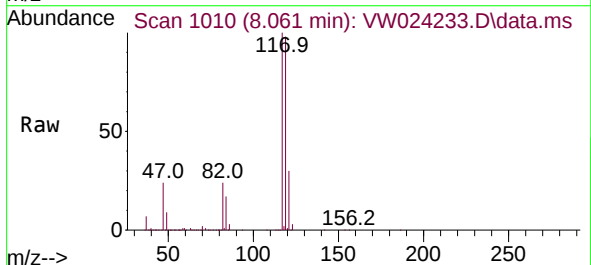
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

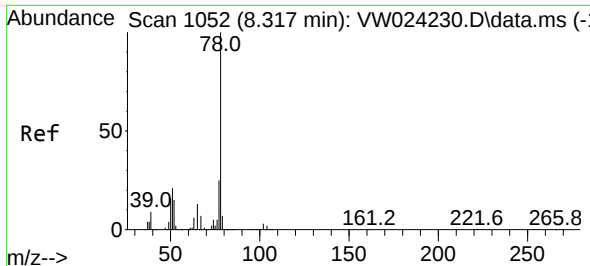
Tgt Ion: 97 Resp: 176984
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.1 36.2 54.2



#31
Carbon tetrachloride
Concen: 27.020 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 117 Resp: 166502
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8

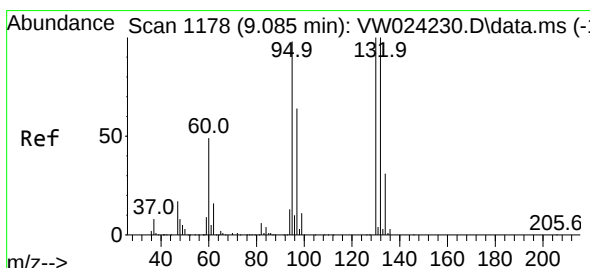
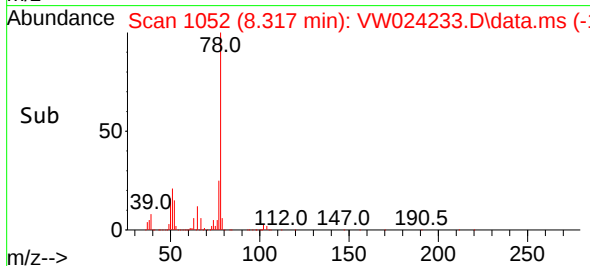
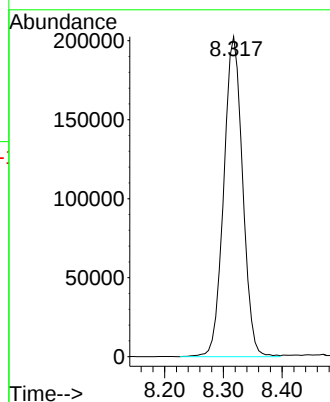
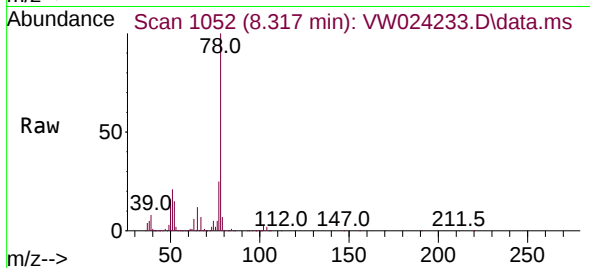




#33
Benzene
Concen: 26.463 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

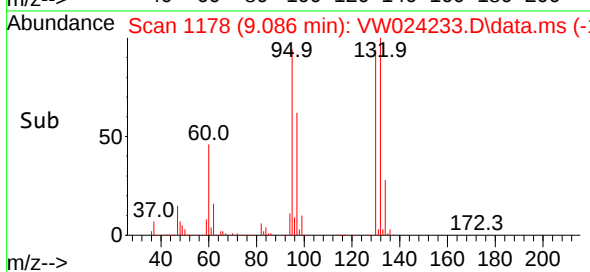
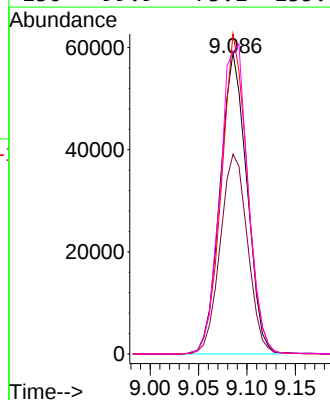
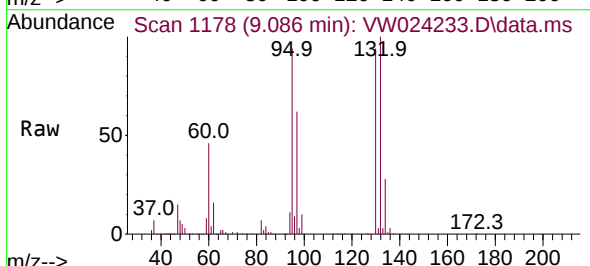
Tgt Ion: 78 Resp: 452703

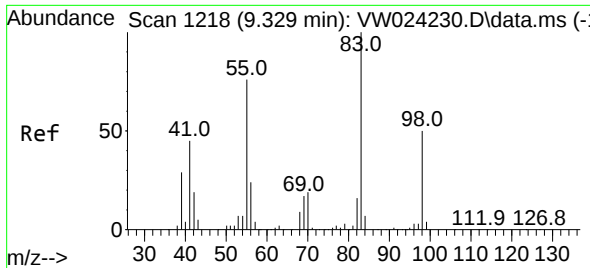


#34
Trichloroethene
Concen: 25.090 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 95 Resp: 113449

Ion	Ratio	Lower	Upper
95	100		
97	66.2	41.6	77.2
132	106.1	67.0	124.4
130	99.9	73.1	135.8

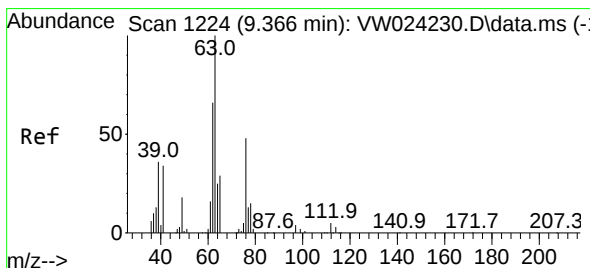
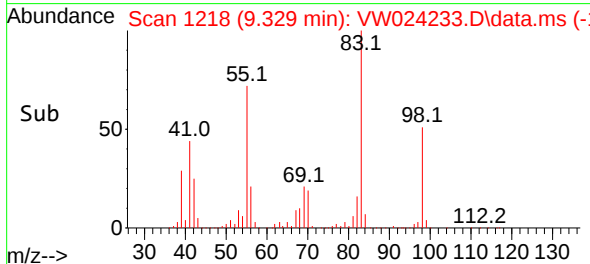
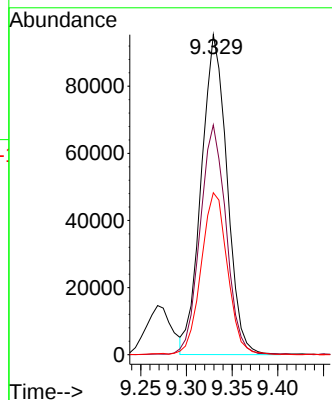
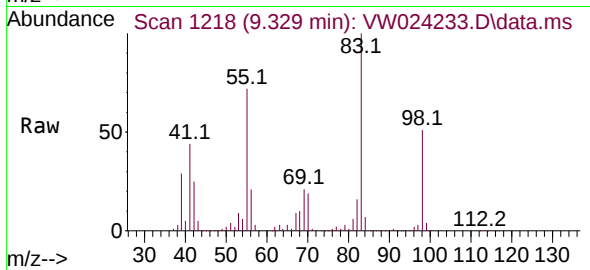




#35
Methylcyclohexane
Concen: 26.323 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

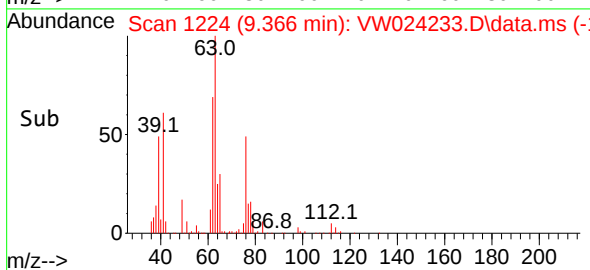
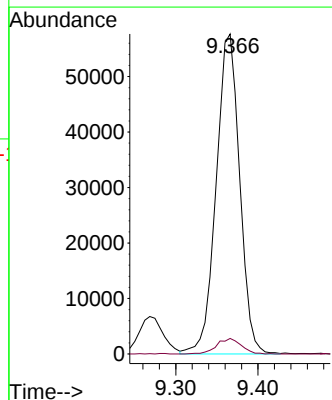
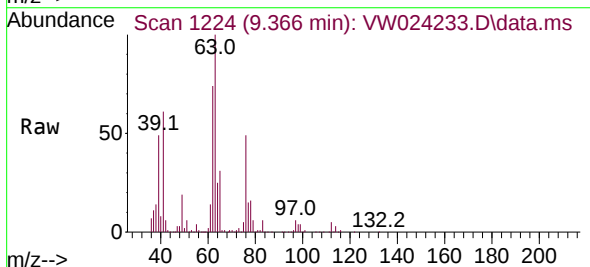
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

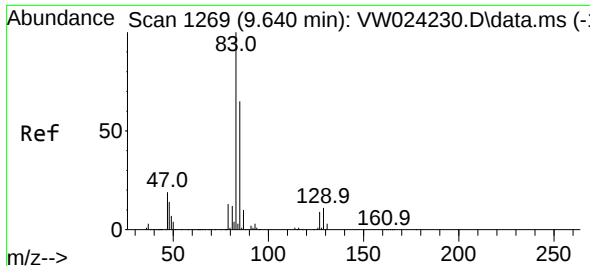
Tgt Ion: 83 Resp: 186645
Ion Ratio Lower Upper
83 100
55 72.4 59.1 88.7
98 51.7 40.8 61.2



#37
1,2-Dichloropropane
Concen: 27.118 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 63 Resp: 114674
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6

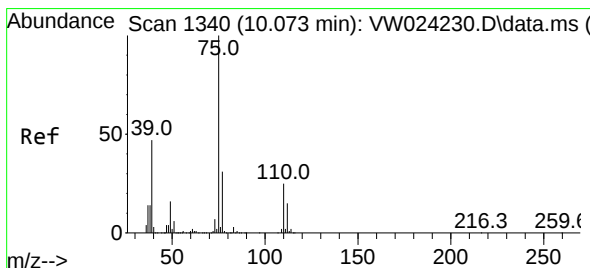
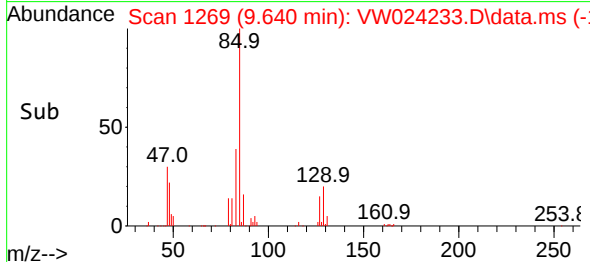
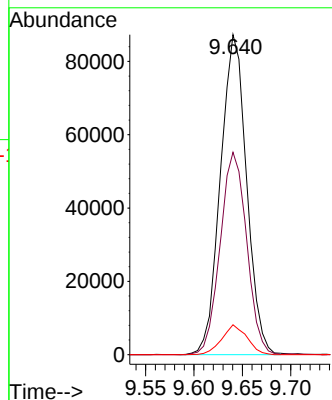
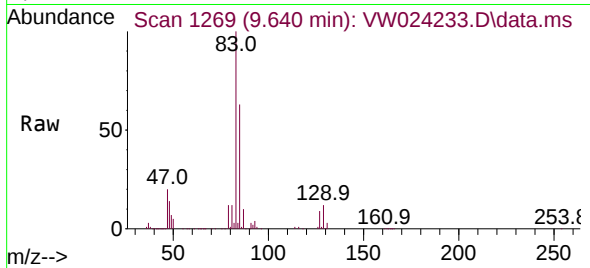




#38
Bromodichloromethane
Concen: 27.645 ug/L
RT: 9.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

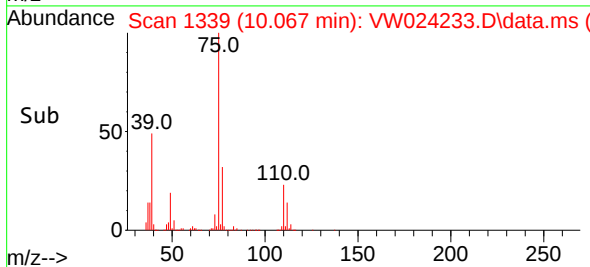
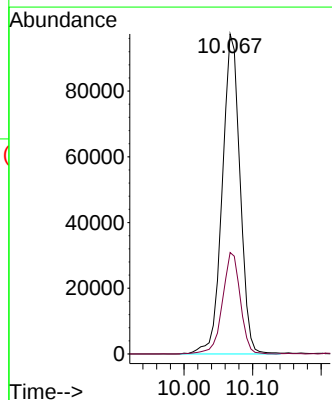
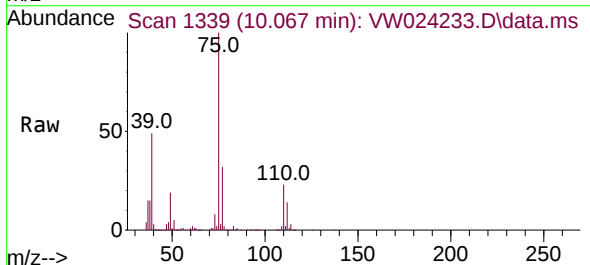
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

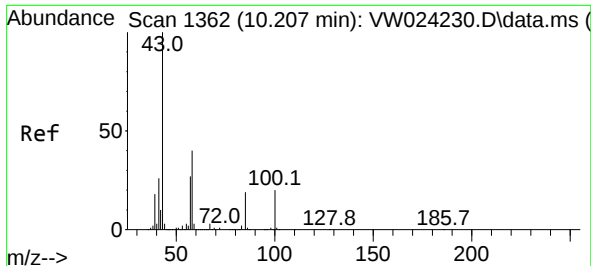
Tgt Ion: 83 Resp: 163966
Ion Ratio Lower Upper
83 100
85 63.3 43.7 81.1
127 9.4 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 28.116 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 75 Resp: 174918
Ion Ratio Lower Upper
75 100
77 31.7 23.4 43.6

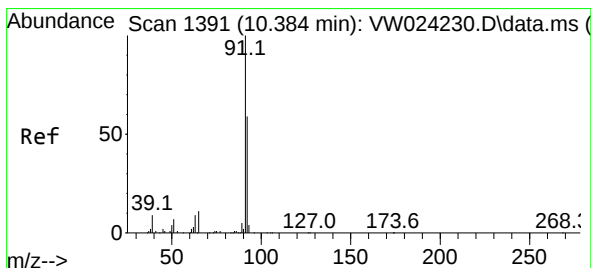
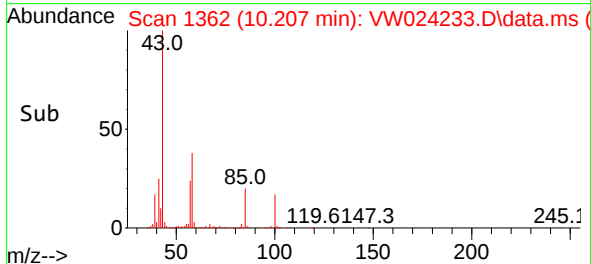
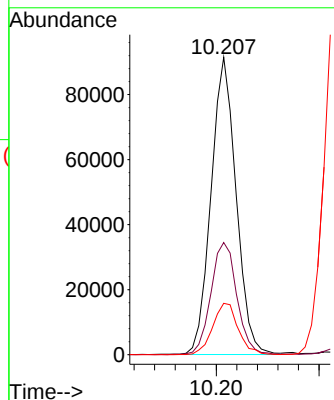
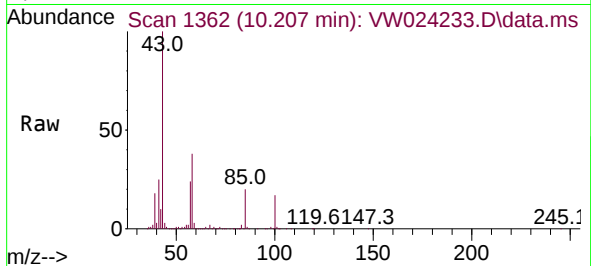




#40
4-Methyl-2-pentanone
Concen: 55.011 ug/L
RT: 10.207 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

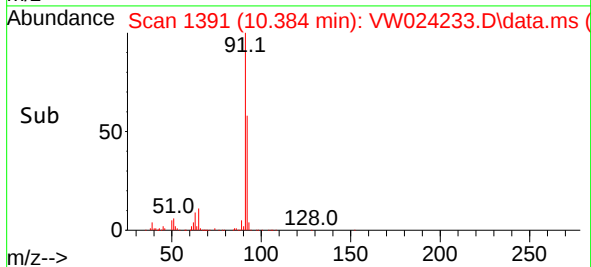
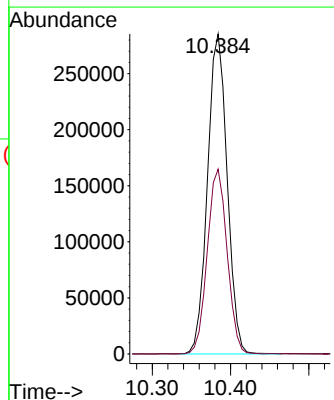
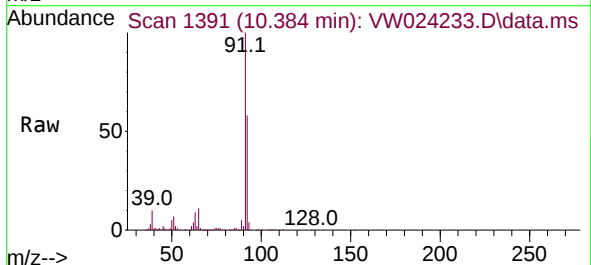
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

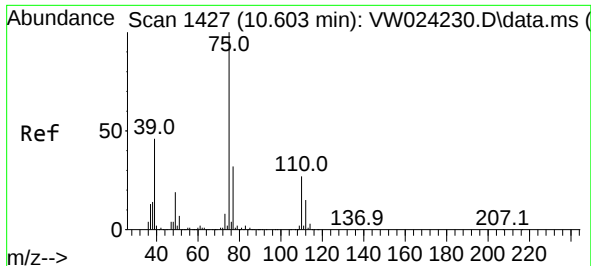
Tgt Ion: 43 Resp: 154390
Ion Ratio Lower Upper
43 100
58 39.2 30.5 45.7
100 17.7 13.8 20.6



#42
Toluene
Concen: 27.346 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 91 Resp: 497122
Ion Ratio Lower Upper
91 100
92 57.7 41.4 77.0

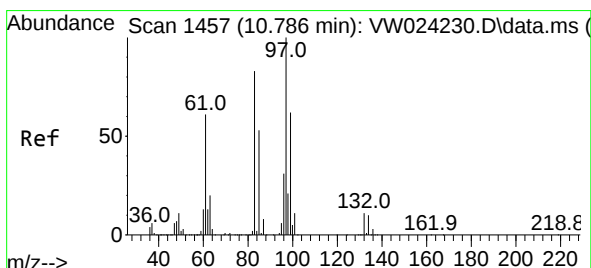
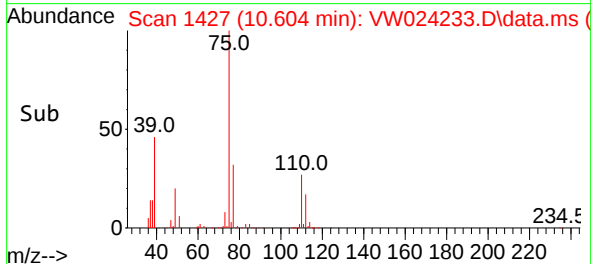
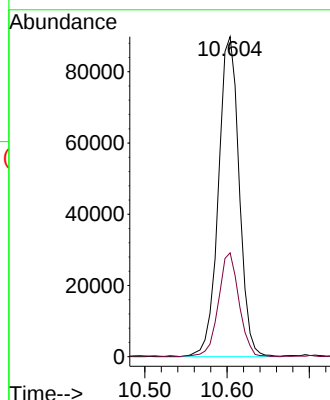
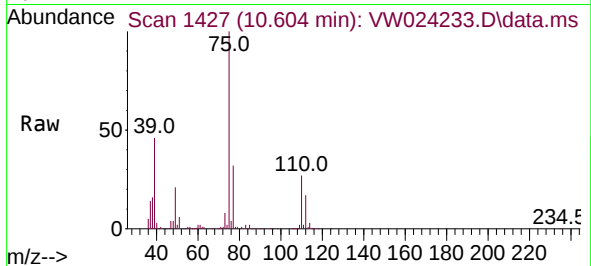




#44
trans-1,3-Dichloropropene
Concen: 27.736 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

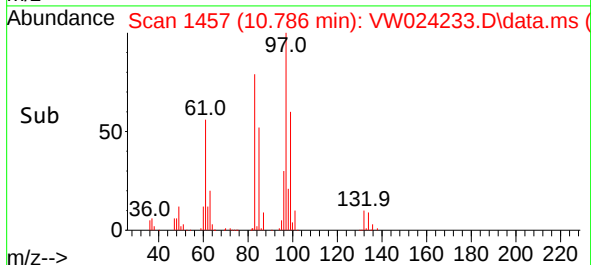
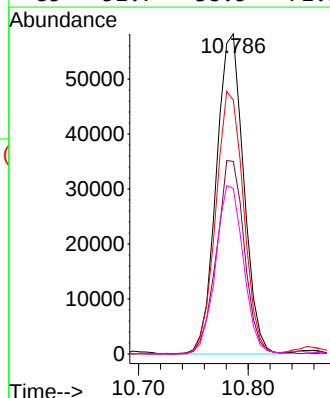
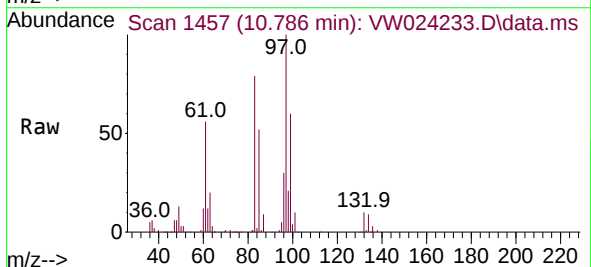
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

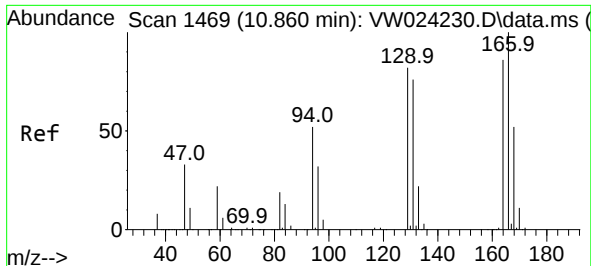
Tgt Ion: 75 Resp: 157670
Ion Ratio Lower Upper
75 100
77 32.5 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 28.427 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 97 Resp: 101321
Ion Ratio Lower Upper
97 100
99 60.2 43.8 81.3
83 79.4 56.4 104.7
85 51.7 38.5 71.5

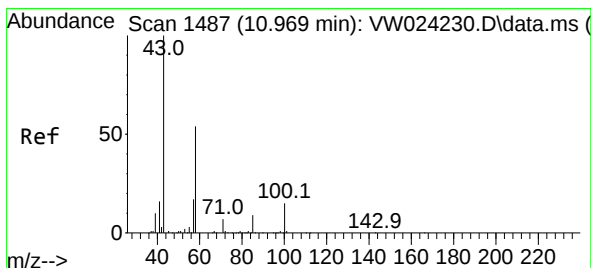
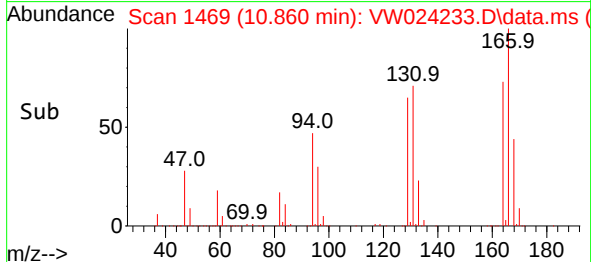
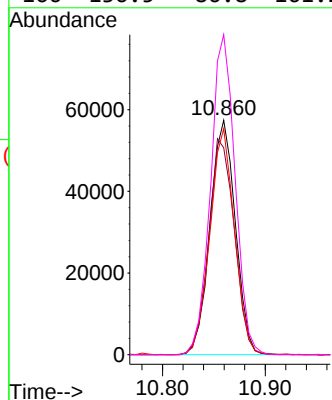
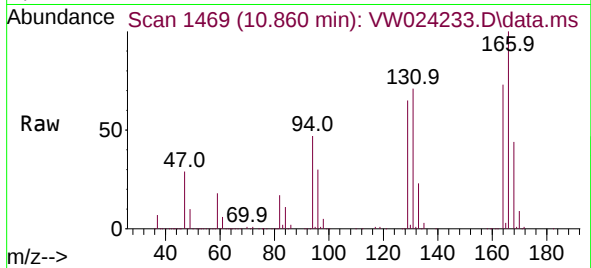




#46
Tetrachloroethene
Concen: 26.763 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

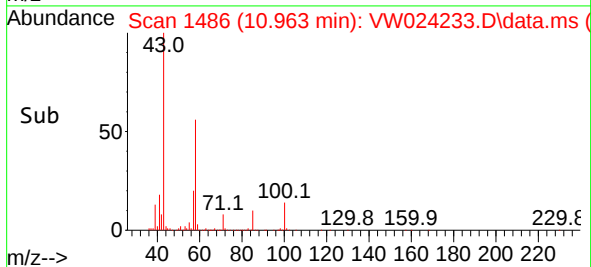
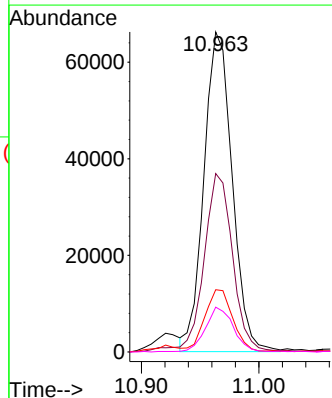
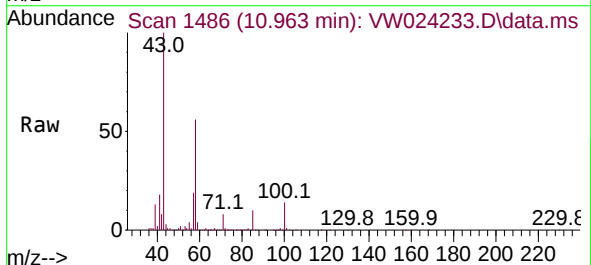
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

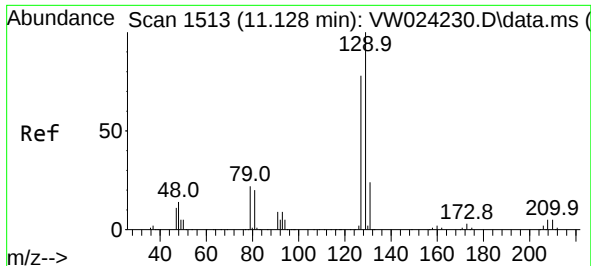
Tgt Ion:	164	Resp:	97967
Ion	Ratio	Lower	Upper
164	100		
129	88.2	63.1	117.3
131	96.3	63.9	118.7
166	136.5	86.8	161.2



#48
2-Hexanone
Concen: 58.222 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion:	43	Resp:	110892
Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.4	65.0
57	19.4	15.0	22.4
100	13.9	10.8	16.2





#49

Dibromochloromethane

Concen: 28.769 ug/L

RT: 11.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

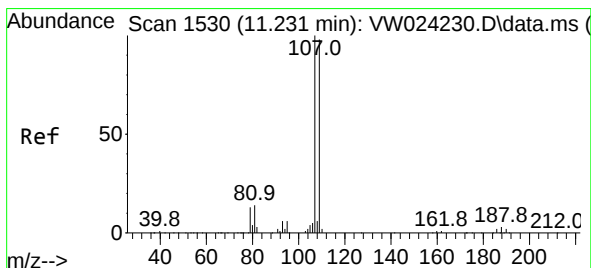
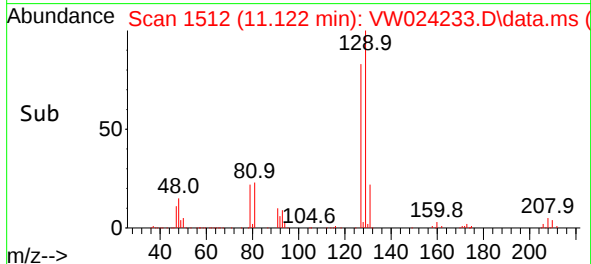
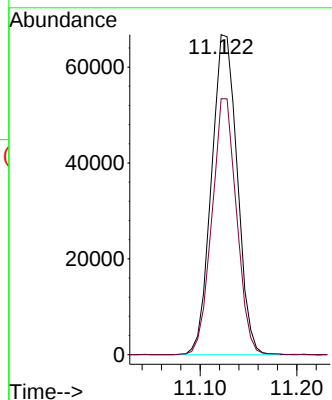
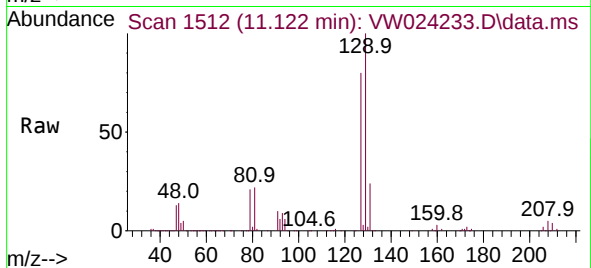
VSTD025533

Tgt Ion:129 Resp: 123446

Ion Ratio Lower Upper

129 100

127 80.0 52.3 97.1



#50

1,2-Dibromoethane

Concen: 27.837 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

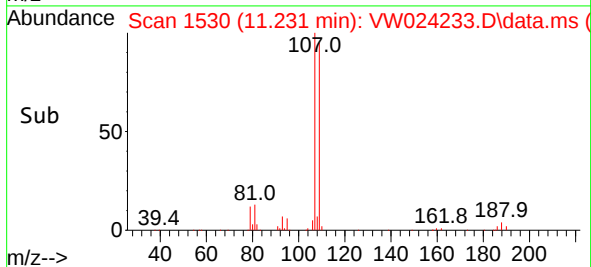
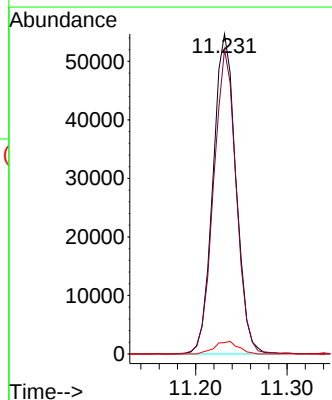
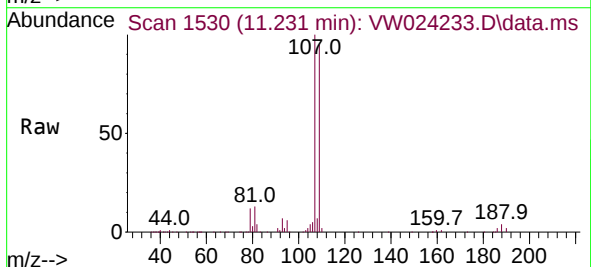
Tgt Ion:107 Resp: 95060

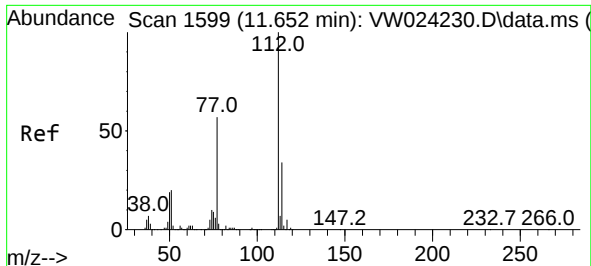
Ion Ratio Lower Upper

107 100

109 95.1 64.0 119.0

188 3.6 3.1 4.7

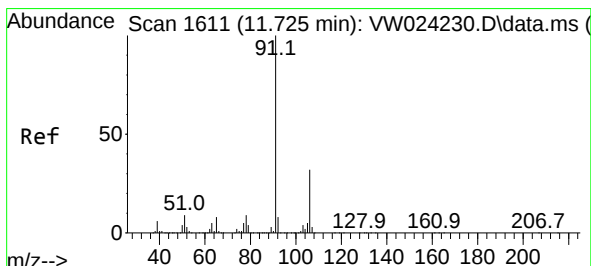
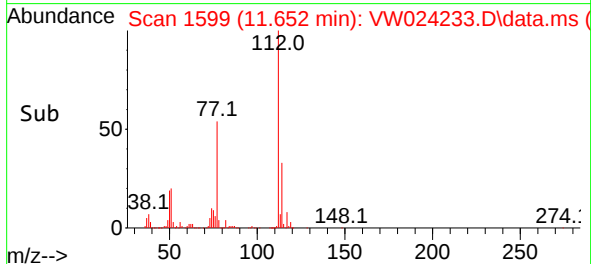
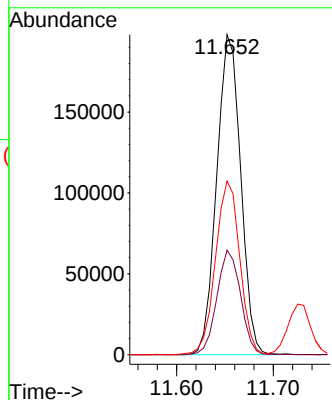
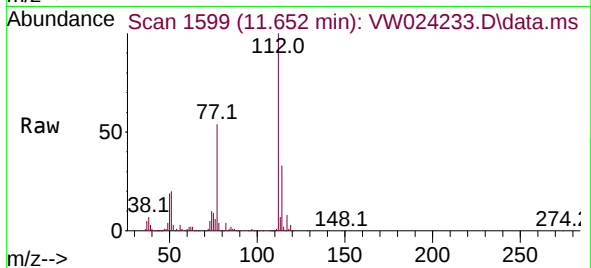




#51
Chlorobenzene
Concen: 27.398 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

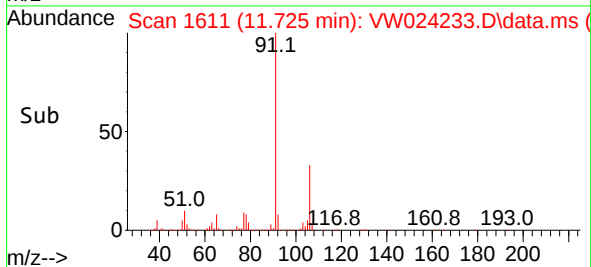
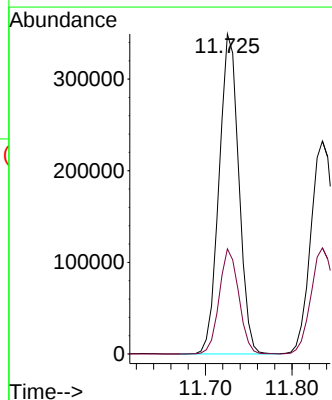
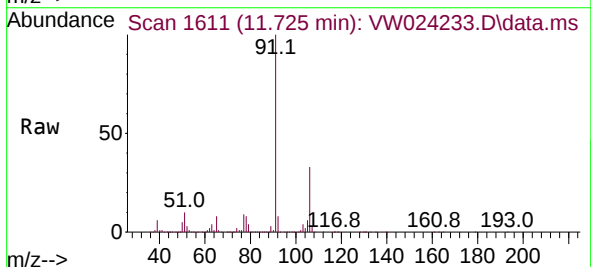
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

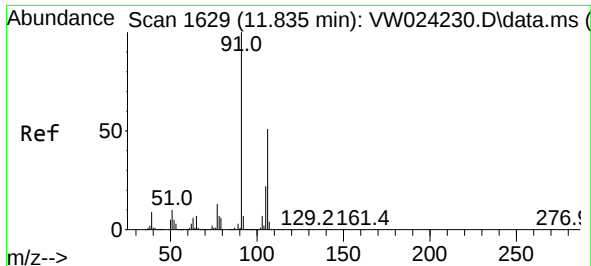
Tgt Ion:112 Resp: 340291
Ion Ratio Lower Upper
112 100
114 32.7 20.7 38.5
77 54.3 41.4 62.2



#52
Ethylbenzene
Concen: 27.801 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion: 91 Resp: 553704
Ion Ratio Lower Upper
91 100
106 32.9 21.9 40.7

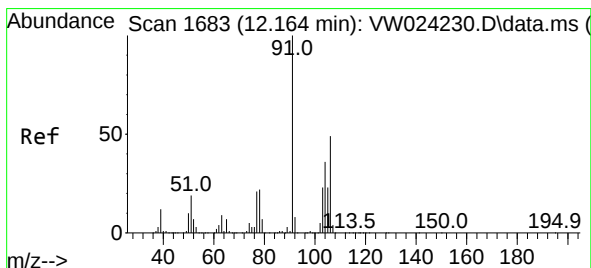
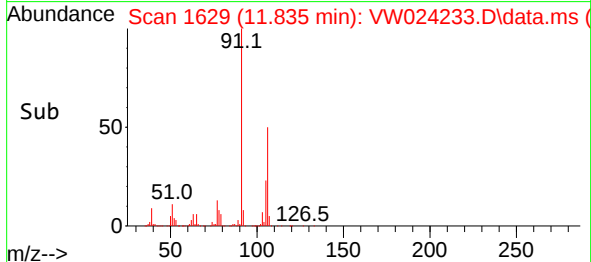
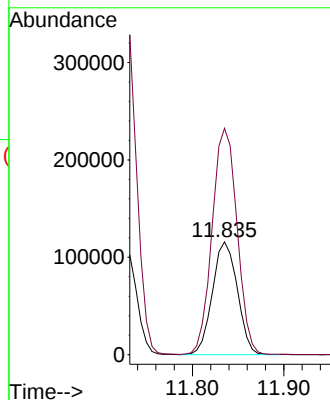
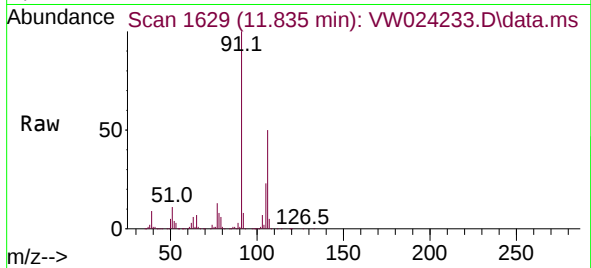




#53
m,p-Xylene
Concen: 28.317 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

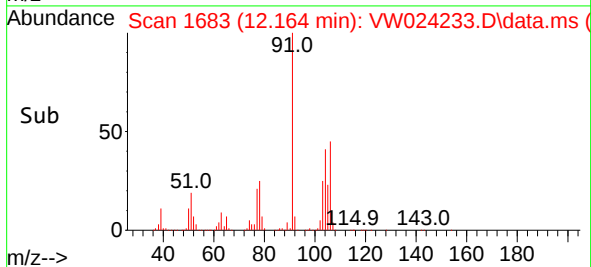
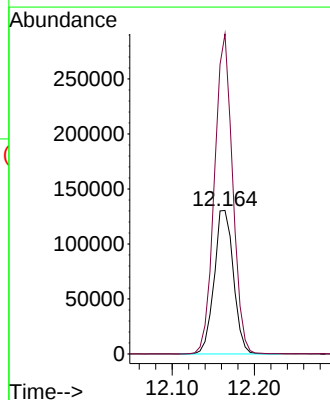
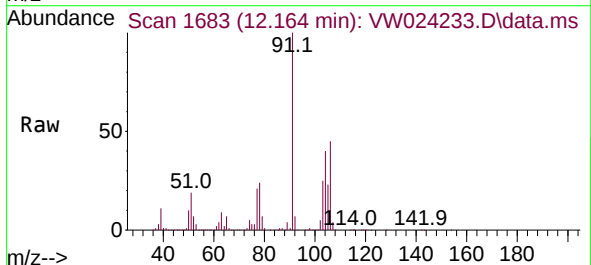
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

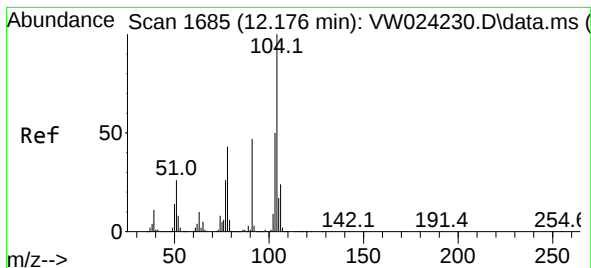
Tgt Ion:106 Resp: 219533
Ion Ratio Lower Upper
106 100
91 200.8 144.1 267.7



#54
o-Xylene
Concen: 28.971 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion:106 Resp: 212189
Ion Ratio Lower Upper
106 100
91 223.0 150.9 280.3





#55

Styrene

Concen: 29.471 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

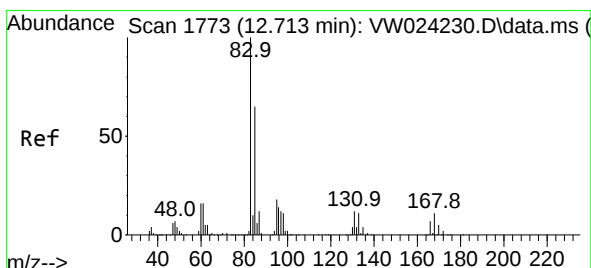
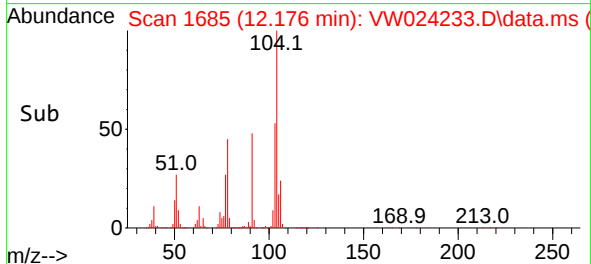
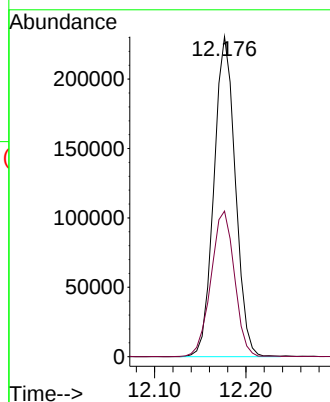
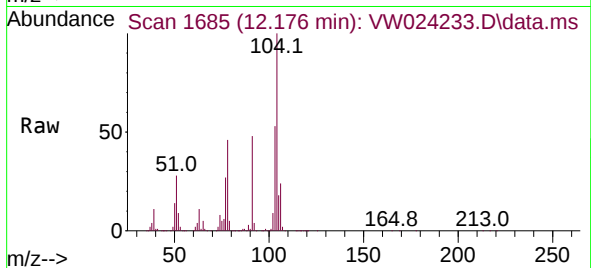
VSTD025533

Tgt Ion:104 Resp: 375419

Ion Ratio Lower Upper

104 100

78 45.5 31.1 57.7



#57

1,1,2,2-Tetrachloroethane

Concen: 27.870 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

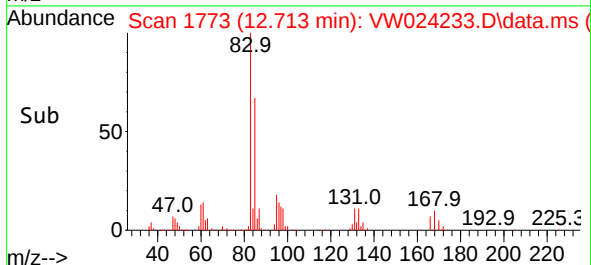
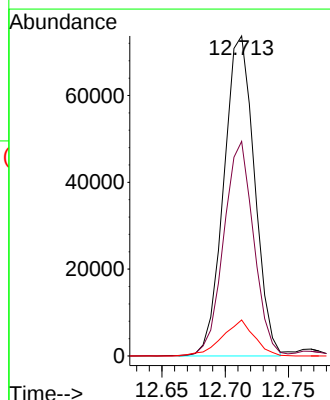
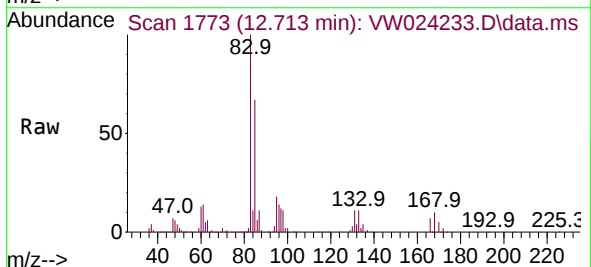
Tgt Ion: 83 Resp: 124148

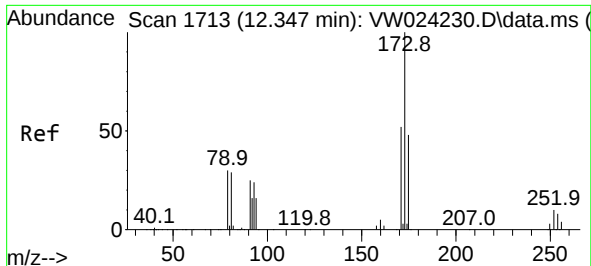
Ion Ratio Lower Upper

83 100

85 67.1 44.1 81.9

131 11.3 8.3 12.5

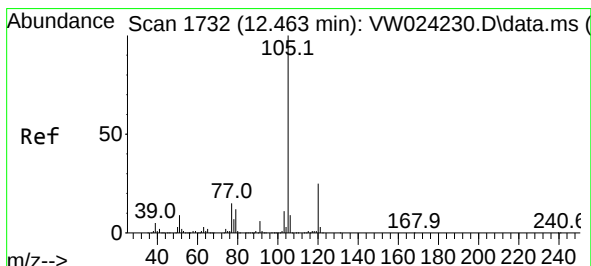
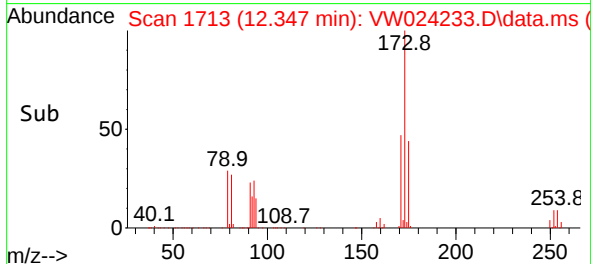
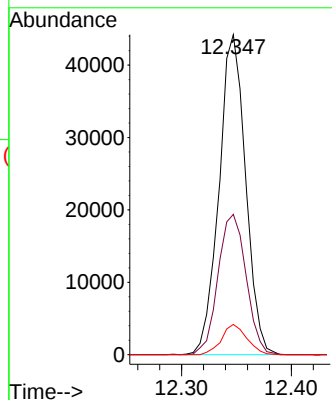
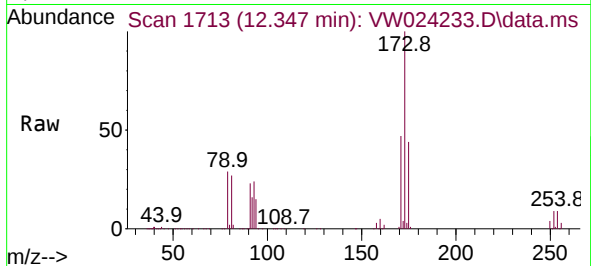




#59
Bromoform
Concen: 27.985 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

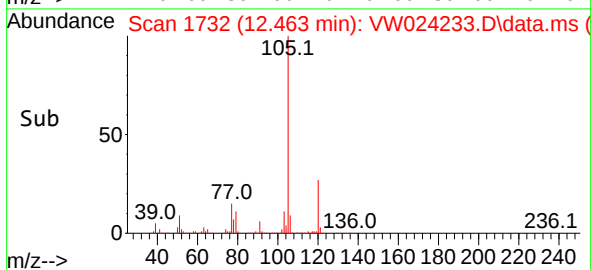
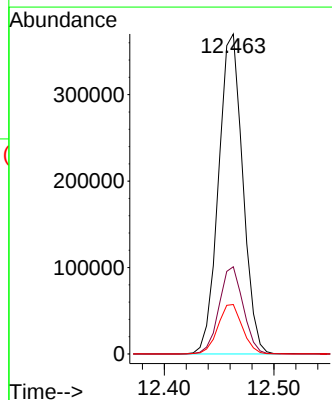
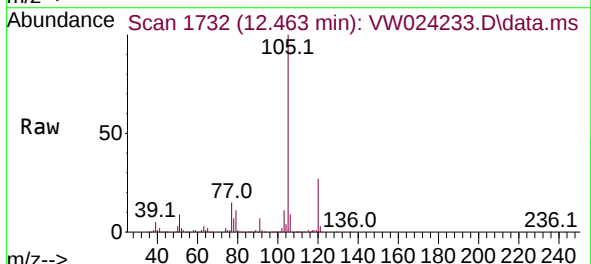
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

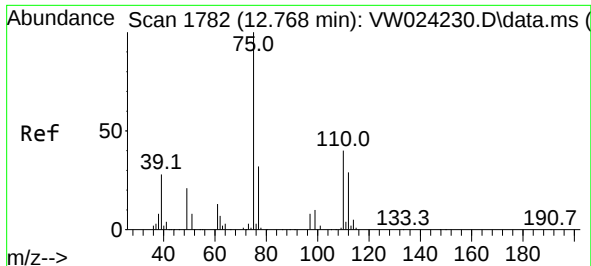
Tgt Ion:173 Resp: 74555
Ion Ratio Lower Upper
173 100
175 46.2 39.0 58.6
254 9.0 6.8 10.2



#60
Isopropylbenzene
Concen: 26.882 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion:105 Resp: 568387
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.6 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 25.256 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

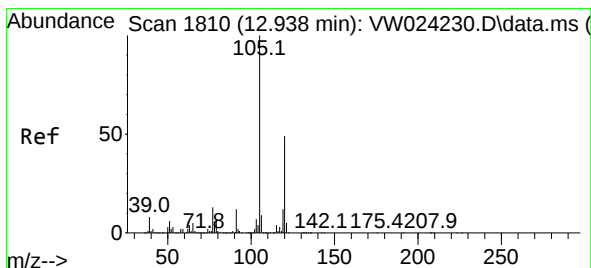
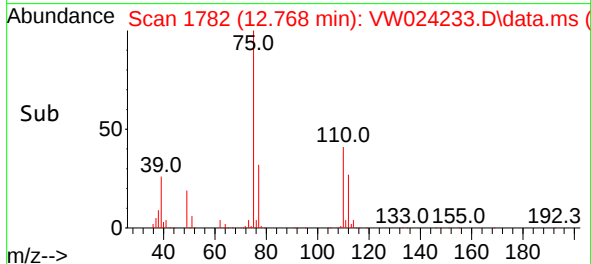
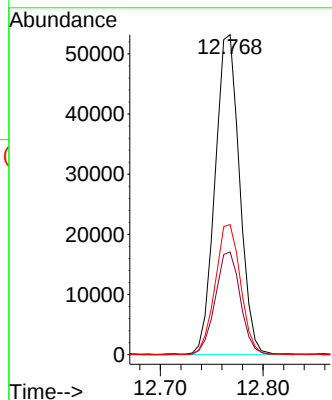
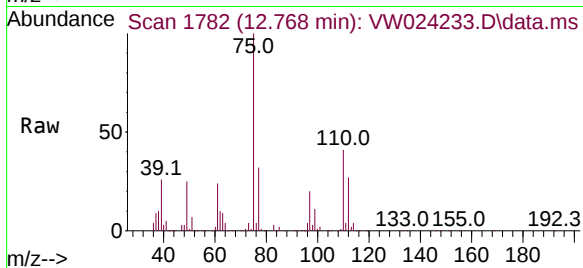
Tgt Ion: 75 Resp: 87788

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.4

110 42.3 33.6 50.4



#62

1,3,5-Trimethylbenzene

Concen: 28.047 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024233.D

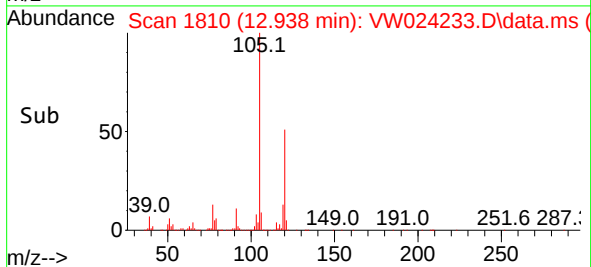
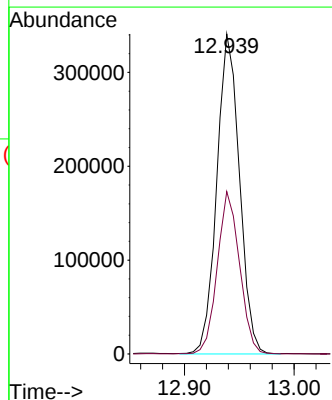
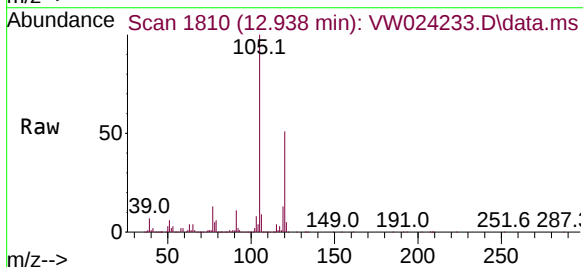
Acq: 12 Aug 2022 15:02

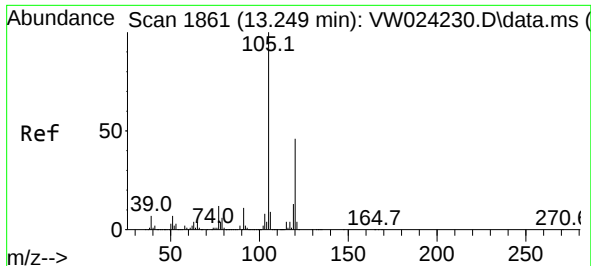
Tgt Ion: 105 Resp: 490047

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 28.162 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

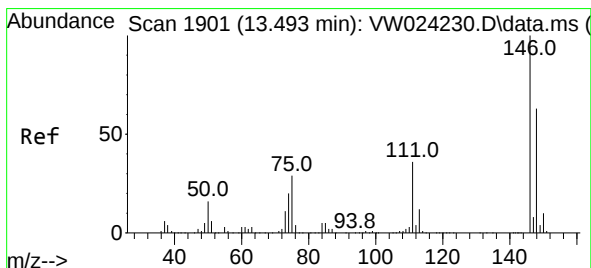
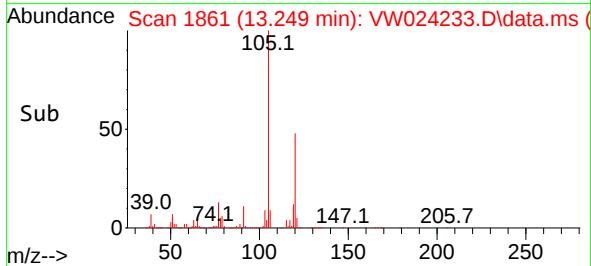
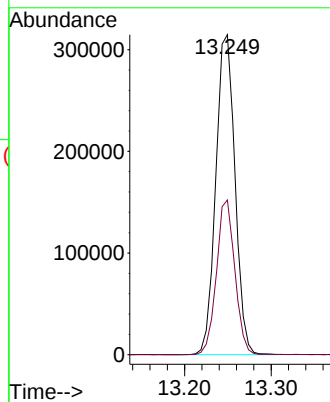
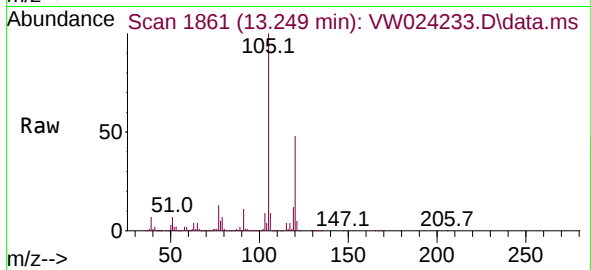
VSTD025533

Tgt Ion:105 Resp: 484599

Ion Ratio Lower Upper

105 100

120 46.2 36.4 54.6



#64

1,3-Dichlorobenzene

Concen: 26.765 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

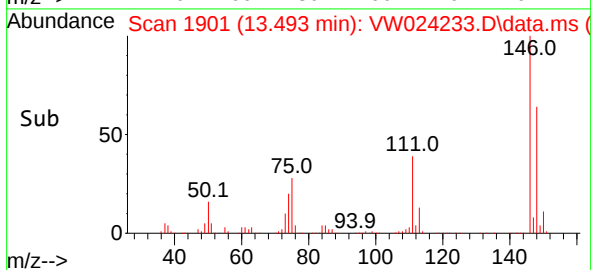
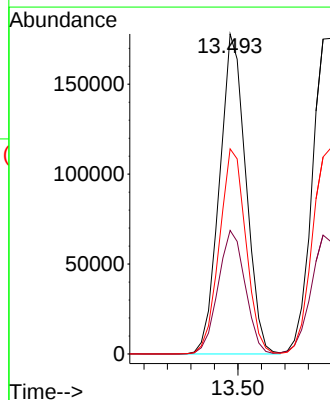
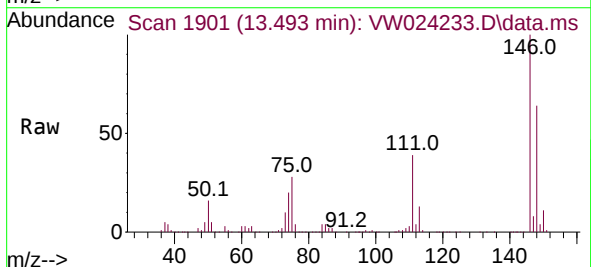
Tgt Ion:146 Resp: 277112

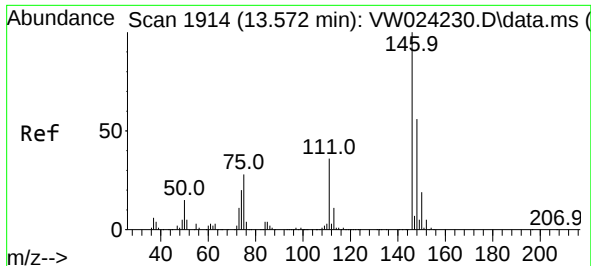
Ion Ratio Lower Upper

146 100

111 38.6 28.0 52.0

148 64.1 46.5 86.3

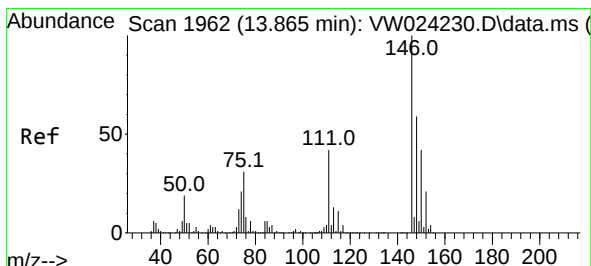
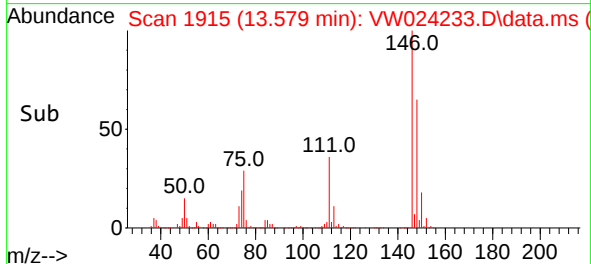
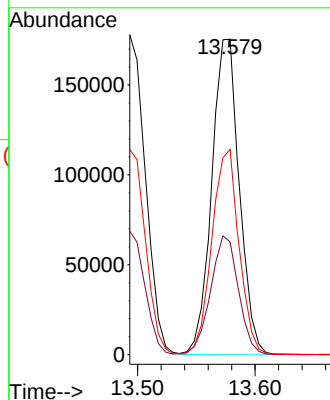
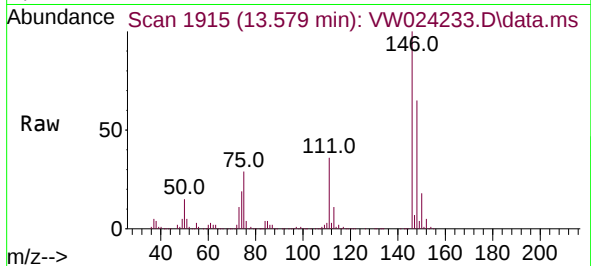




#65
1,4-Dichlorobenzene
Concen: 25.986 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

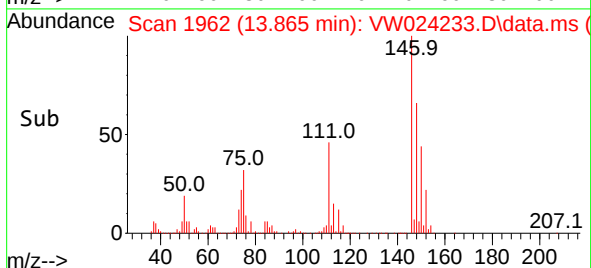
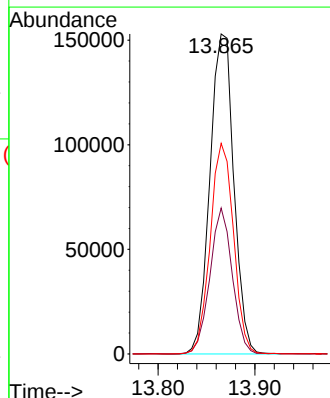
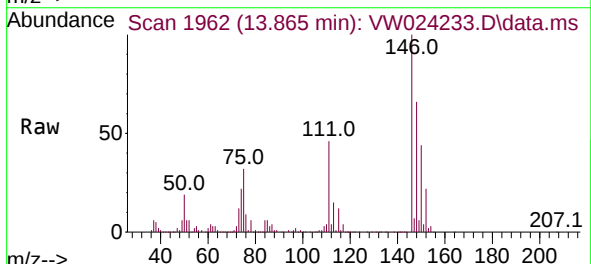
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

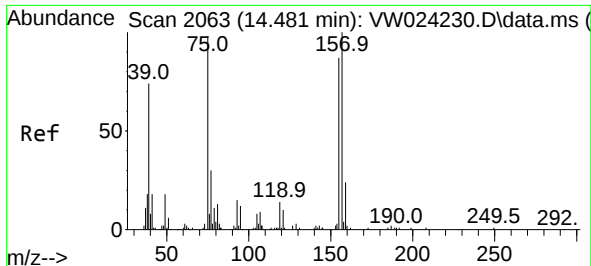
Tgt Ion:146 Resp: 284902
Ion Ratio Lower Upper
146 100
111 35.7 27.6 51.4
148 65.1 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 26.759 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024233.D
Acq: 12 Aug 2022 15:02

Tgt Ion:146 Resp: 263083
Ion Ratio Lower Upper
146 100
111 45.6 29.0 43.6#
148 65.8 47.8 71.8





#68

1,2-Dibromo-3-chloropropane

Concen: 24.693 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

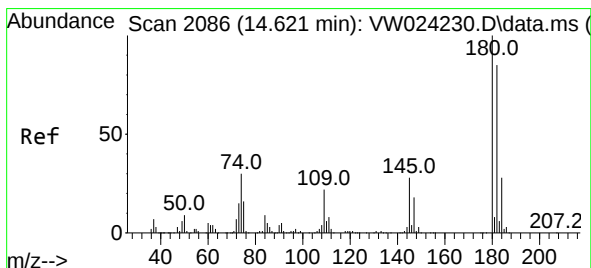
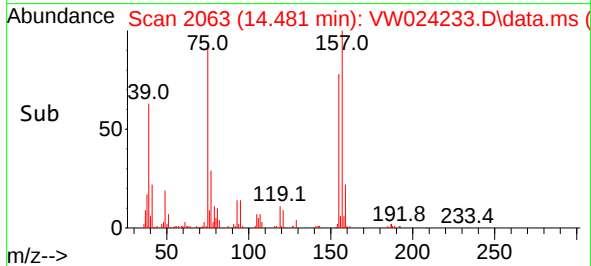
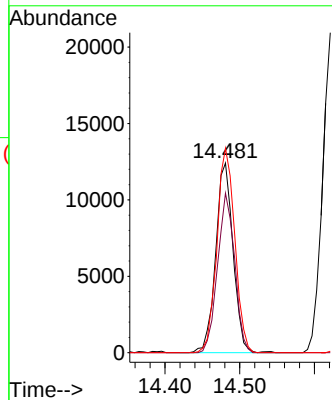
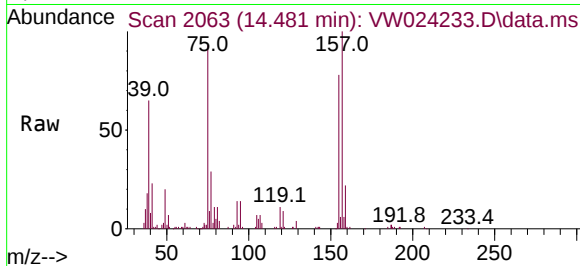
Tgt Ion: 75 Resp: 20053

Ion Ratio Lower Upper

75 100

155 84.1 68.8 103.2

157 107.8 91.5 137.3



#69

1,3,5-Trichlorobenzene

Concen: 29.056 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Tgt Ion:180 Resp: 197260

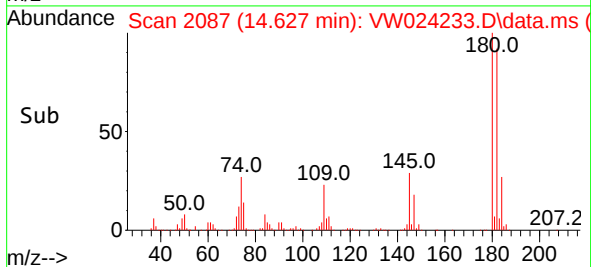
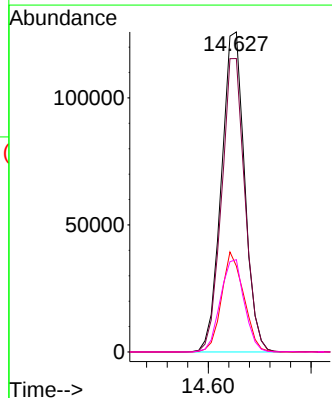
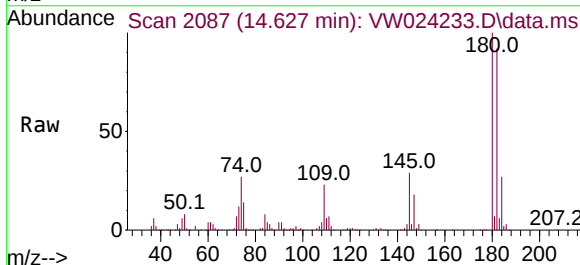
Ion Ratio Lower Upper

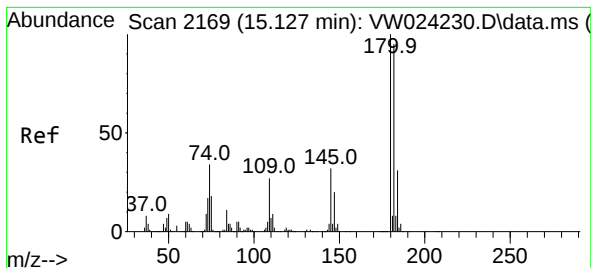
180 100

182 91.7 78.4 117.6

184 30.0 24.7 37.1

145 29.7 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 27.886 ug/L

RT: 15.133 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

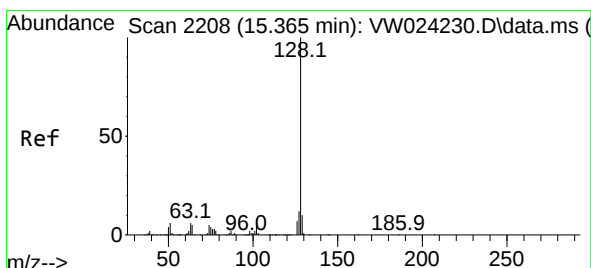
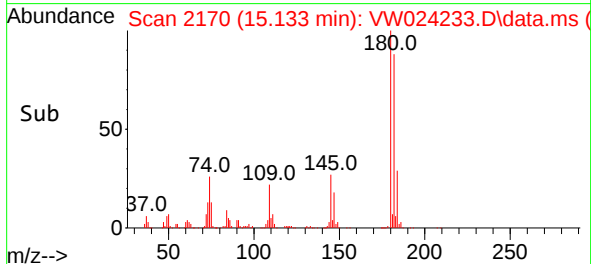
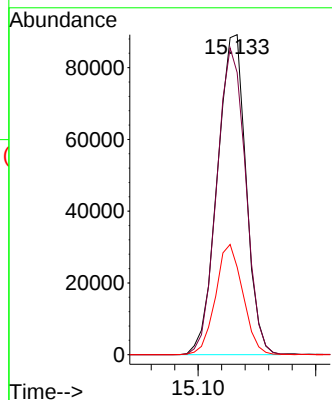
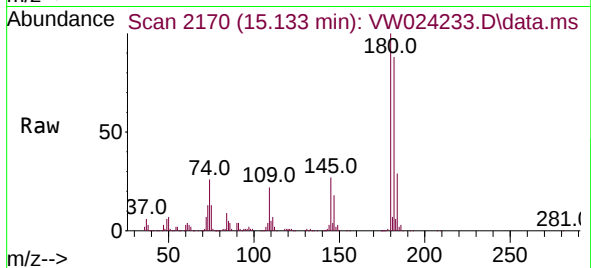
Tgt Ion:180 Resp: 151613

Ion Ratio Lower Upper

180 100

182 95.9 75.0 112.4

145 32.7 25.1 37.7



#71

Naphthalene

Concen: 30.405 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW024233.D

Acq: 12 Aug 2022 15:02

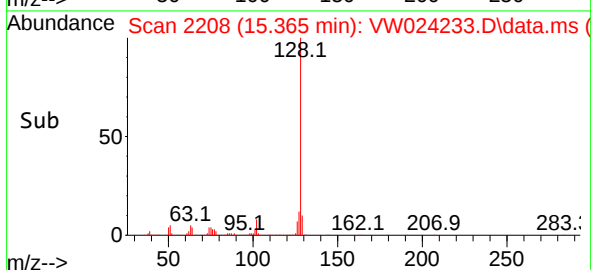
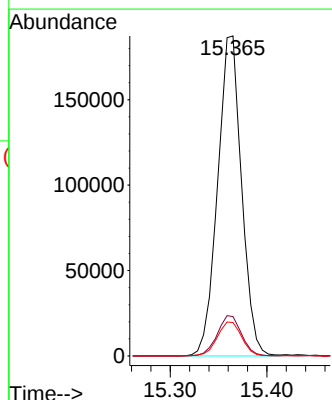
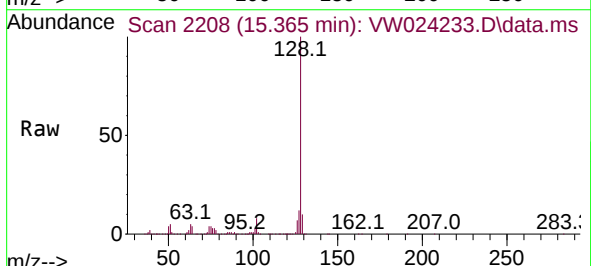
Tgt Ion:128 Resp: 321995

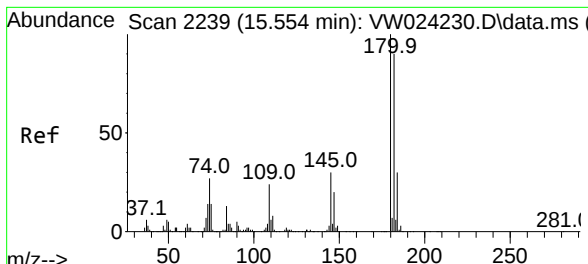
Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 30.220 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW024233.D
 Acq: 12 Aug 2022 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Tgt Ion:	180	Resp:	149586
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.4	113.2
145	32.7	26.9	40.3

