

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024195.D
 Acq On : 05 Aug 2022 16:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Aug 05 23:47:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 23:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	404495	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	378005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	170891	20.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
7) Chloroethane-d5	2.873	69	105901	20.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.013	63	201941	20.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.840%
21) 2-Butanone-d5	7.085	46	79919	50.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.620%
24) Chloroform-d	7.646	84	243938	19.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.720%
26) 1,2-Dichloroethane-d4	8.299	65	134392	19.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.120%
32) Benzene-d6	8.268	84	473506	21.240	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	9.274	67	137565	20.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.600%
41) Toluene-d8	10.323	98	445515	21.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.520%
43) trans-1,3-Dichloroprop...	10.579	79	61423	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.920	63	65602	53.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140050	21.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	176858	23.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	102568	28.822	ug/L	99
3) Chloromethane	2.208	50	171646	25.718	ug/L	98
5) Vinyl chloride	2.349	62	219690	23.646	ug/L	97
6) Bromomethane	2.763	94	106486	19.990	ug/L	93
8) Chloroethane	2.909	64	94901	23.319	ug/L	96
9) Trichlorofluoromethane	3.245	101	75105	17.053	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.043	101	134568	22.655	ug/L	93
12) 1,1-Dichloroethene	4.031	96	117688	24.201	ug/L	88
14) Carbon disulfide	4.379	76	346797	22.286	ug/L	98
15) Methyl Acetate	4.671	43	64938	24.894	ug/L	98
16) Methylene chloride	4.909	84	140622	19.714	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	134947	24.030	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	218120	27.238	ug/L	99
19) 1,1-Dichloroethane	6.208	63	228696	23.119	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	148891	24.142	ug/L #	92
22) 2-Butanone	7.171	43	99852	51.167	ug/L	99
23) Bromochloromethane	7.512	128	76150	24.793	ug/L	90
25) Chloroform	7.671	83	261114	23.954	ug/L	95
27) 1,2-Dichloroethane	8.396	62	174319	23.765	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

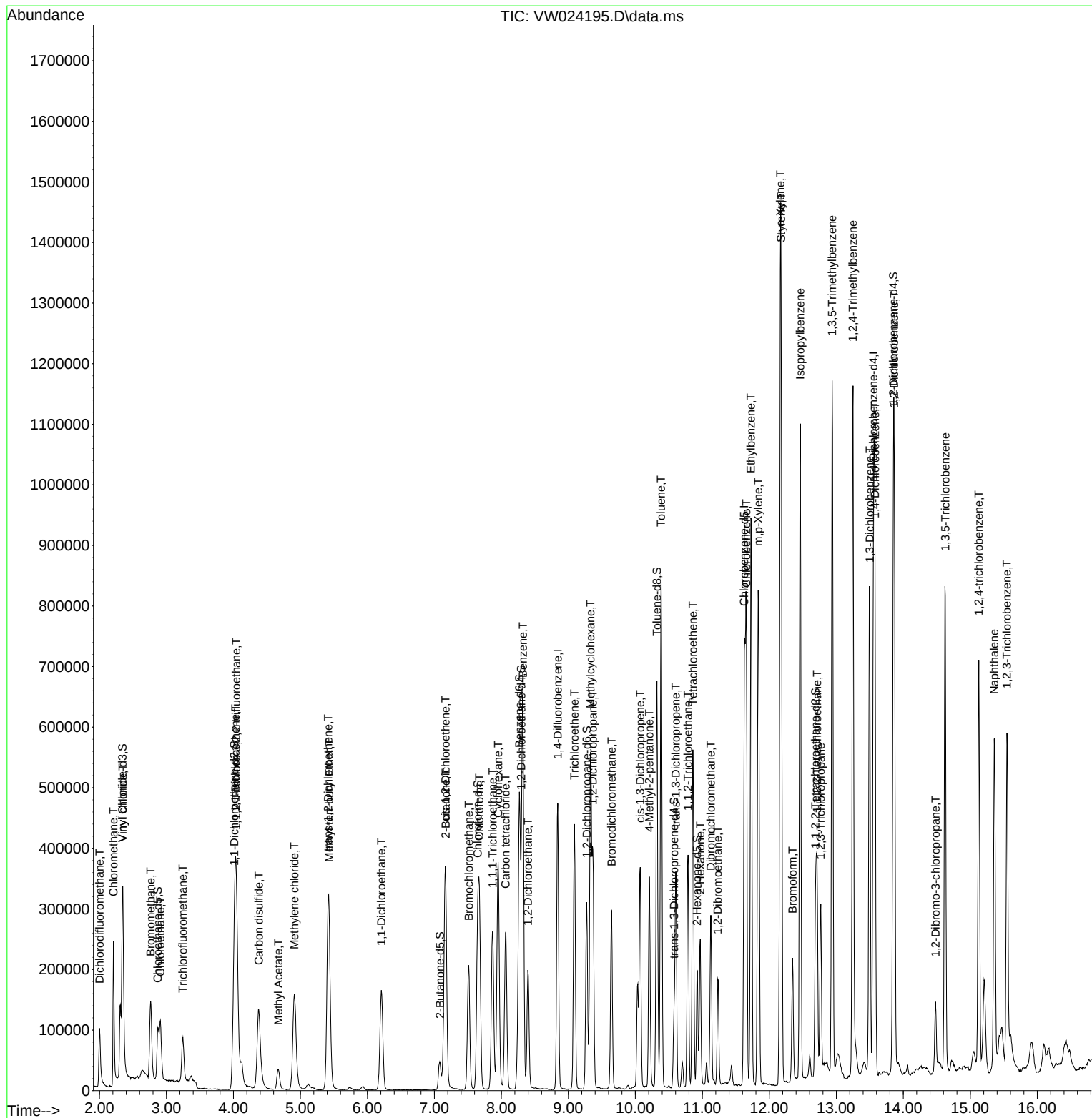
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	200591	25.884	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	210795	24.728	ug/L	98
31) Carbon tetrachloride	8.061	117	191628	23.828	ug/L	99
33) Benzene	8.323	78	543342	24.337	ug/L	100
34) Trichloroethene	9.091	95	145615	24.676	ug/L	96
35) Methylcyclohexane	9.329	83	230956	24.958	ug/L	99
37) 1,2-Dichloropropane	9.366	63	135034	24.468	ug/L	99
38) Bromodichloromethane	9.646	83	191207	24.702	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	209522	25.806	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	212558	58.033	ug/L	98
42) Toluene	10.384	91	602191	25.383	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	187209	25.234	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	116762	25.101	ug/L	97
46) Tetrachloroethene	10.859	164	120545	25.233	ug/L	96
48) 2-Hexanone	10.969	43	151094	60.785	ug/L	97
49) Dibromochloromethane	11.127	129	140792	25.142	ug/L	99
50) 1,2-Dibromoethane	11.231	107	115194	25.847	ug/L #	99
51) Chlorobenzene	11.658	112	410466	25.323	ug/L	97
52) Ethylbenzene	11.725	91	677868	26.079	ug/L	98
53) m,p-Xylene	11.835	106	265323	26.223	ug/L	99
54) o-Xylene	12.164	106	261978	27.407	ug/L	98
55) Styrene	12.176	104	452914	27.244	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	152755	26.276	ug/L	98
59) Bromoform	12.347	173	88657	28.319	ug/L #	98
60) Isopropylbenzene	12.463	105	694479	27.951	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	108558	26.577	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	613527	29.881	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	597806	29.563	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	328960	27.038	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	332993	25.846	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	312109	27.014	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	26882	28.169	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	244170	30.605	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	200165	31.329	ug/L	94
71) Naphthalene	15.358	128	469954	37.763	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	182241	31.330	ug/L	100

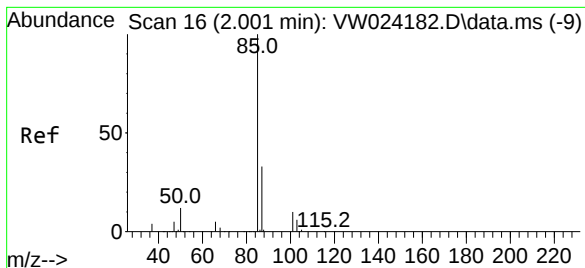
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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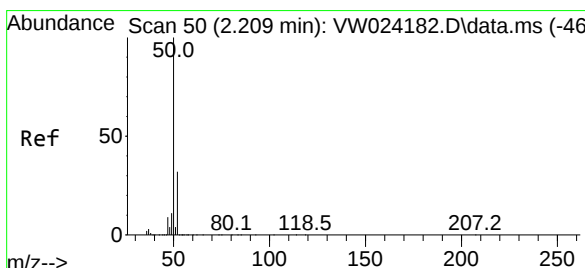
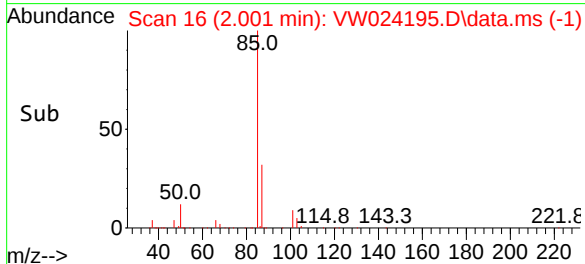
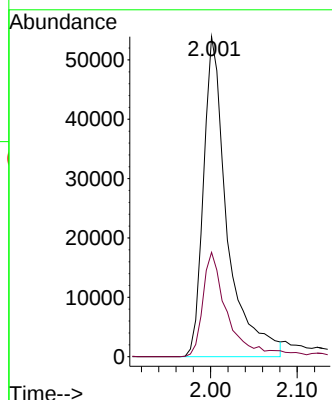
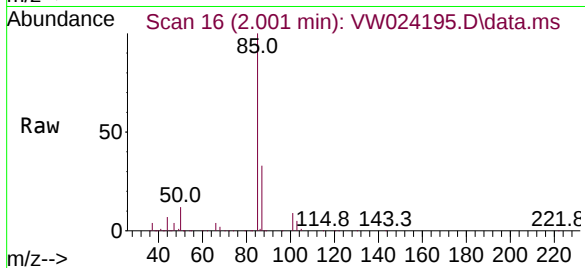




#2
Dichlorodifluoromethane
Concen: 28.822 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

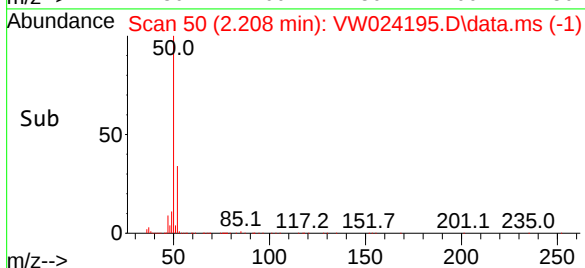
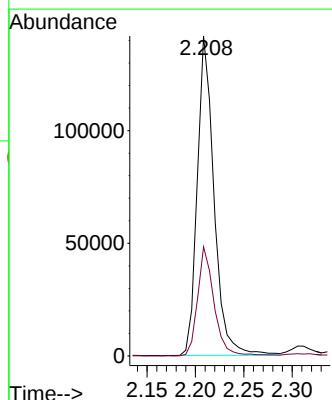
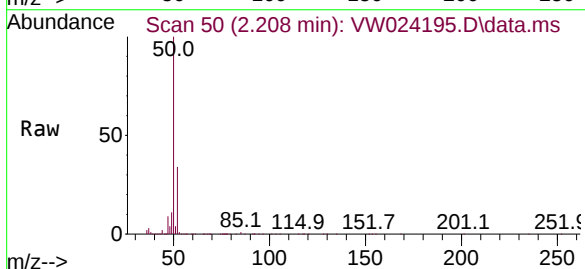
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

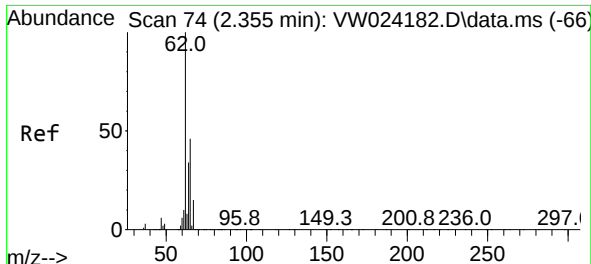
Tgt Ion: 85 Resp: 102568
Ion Ratio Lower Upper
85 100
87 31.0 24.5 36.7



#3
Chloromethane
Concen: 25.718 ug/L
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 50 Resp: 171646
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2

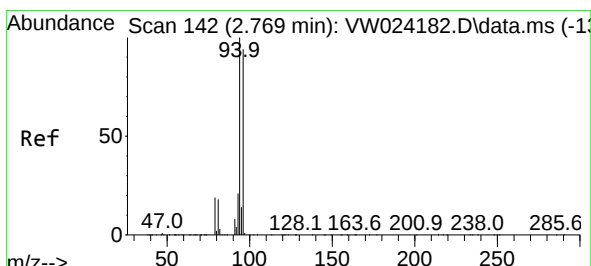
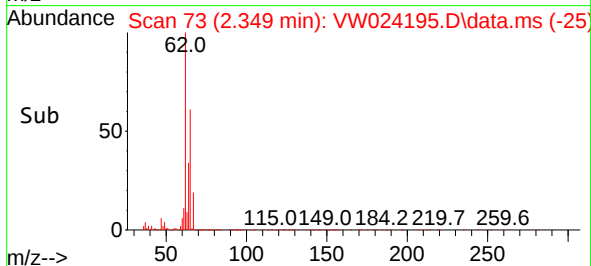
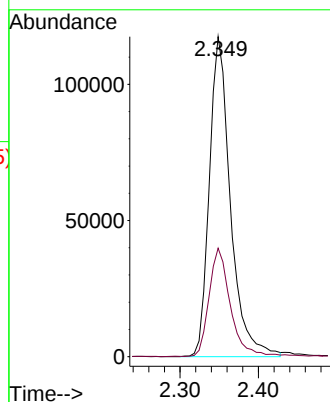
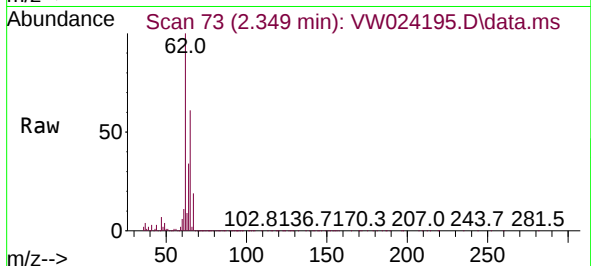




#5
 Vinyl chloride
 Concen: 23.646 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024195.D
 Acq: 05 Aug 2022 16:26

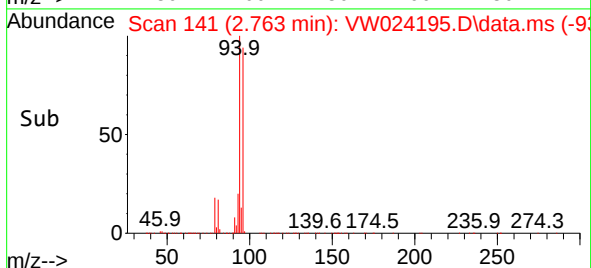
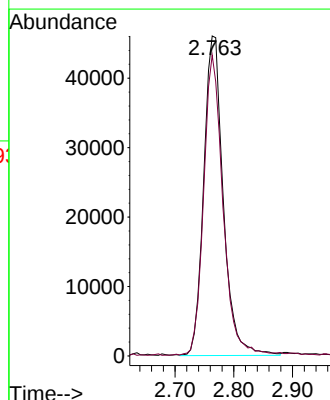
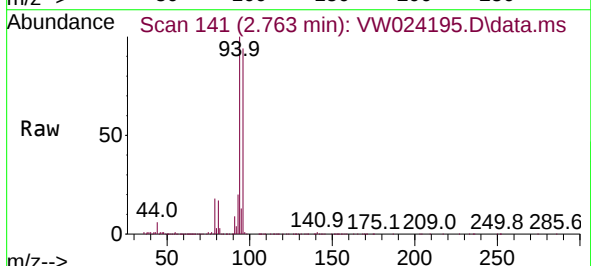
Instrument :
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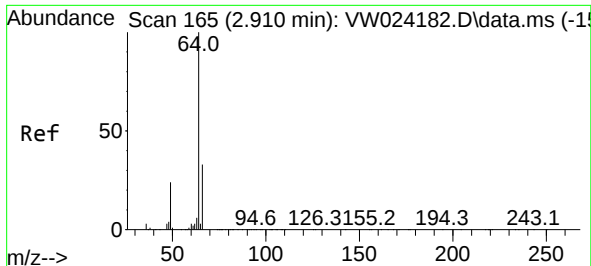
Tgt Ion: 62 Resp: 219690
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.3



#6
 Bromomethane
 Concen: 19.990 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024195.D
 Acq: 05 Aug 2022 16:26

Tgt Ion: 94 Resp: 106486
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.0 113.4

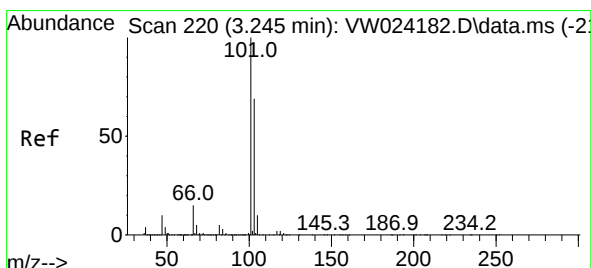
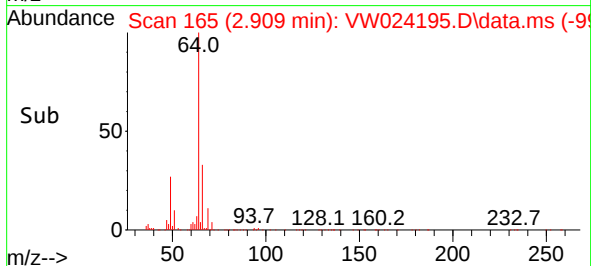
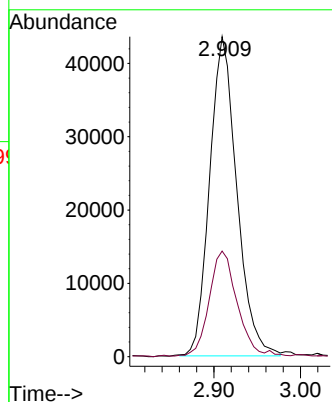
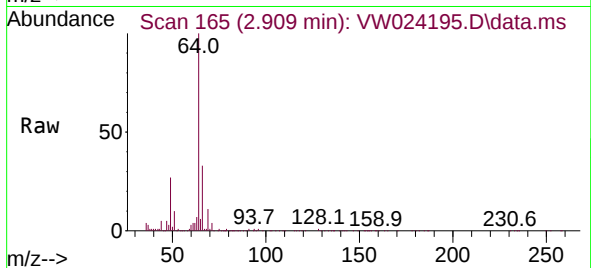




#8
Chloroethane
Concen: 23.319 ug/L
RT: 2.909 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

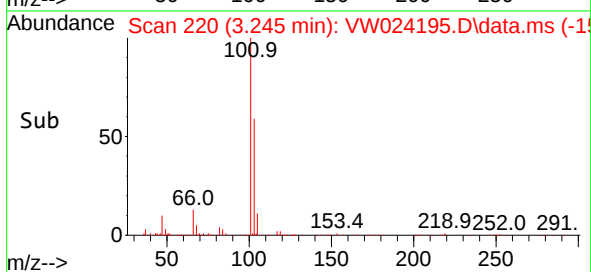
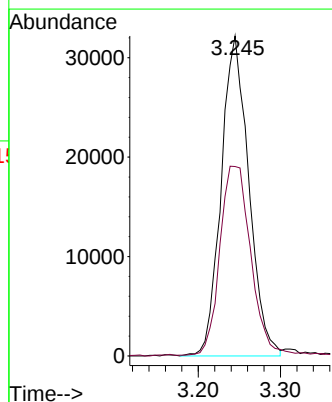
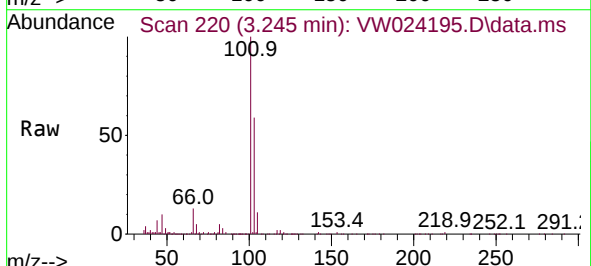
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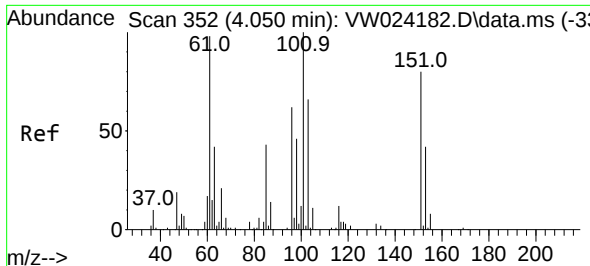
Tgt Ion: 64 Resp: 94901
Ion Ratio Lower Upper
64 100
66 33.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 17.053 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 101 Resp: 75105
Ion Ratio Lower Upper
101 100
103 66.7 50.5 75.7

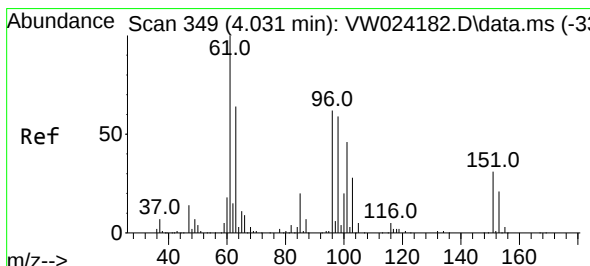
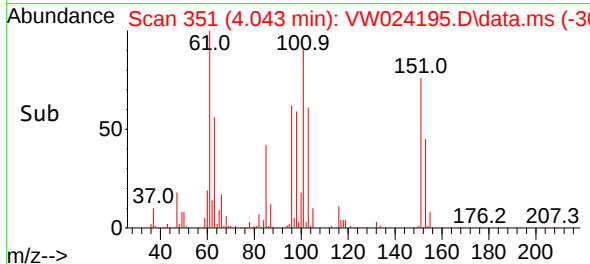
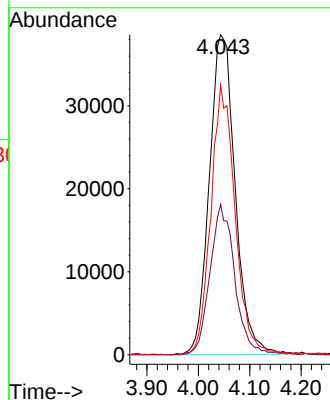
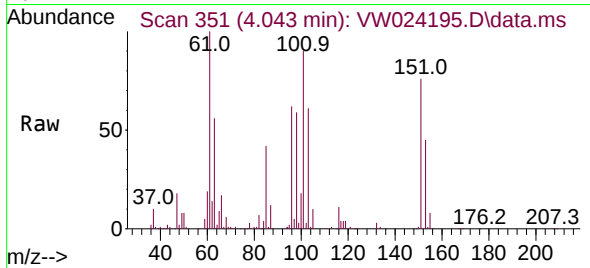




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.655 ug/L
RT: 4.043 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

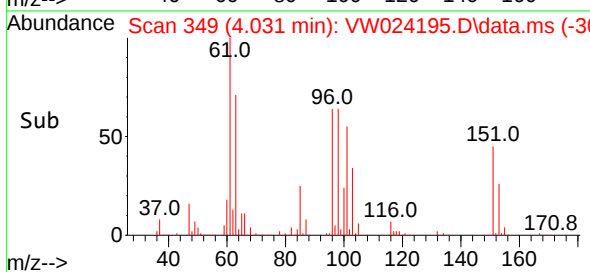
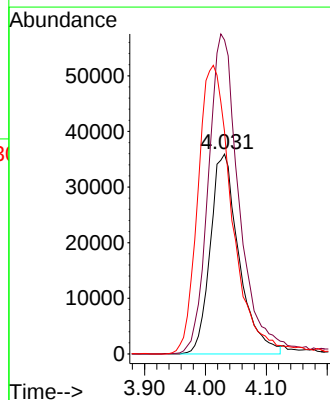
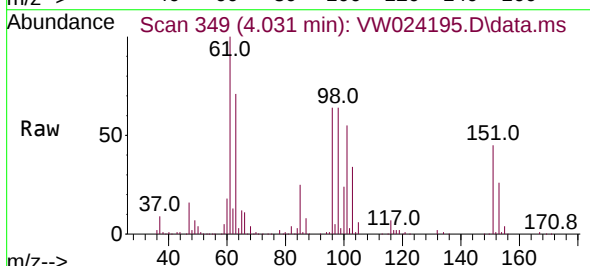
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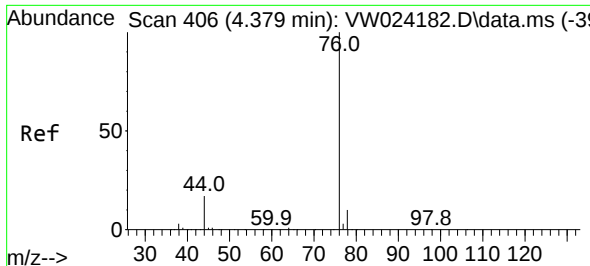
Tgt Ion:101 Resp: 134568
Ion Ratio Lower Upper
101 100
85 44.8 34.9 52.3
151 79.1 57.0 85.6



#12
1,1-Dichloroethene
Concen: 24.201 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 96 Resp: 117688
Ion Ratio Lower Upper
96 100
61 157.1 123.1 228.5
63 111.3 84.9 157.7

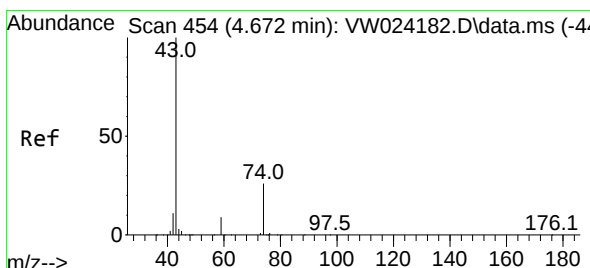
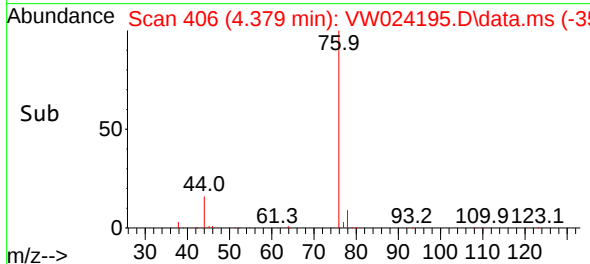
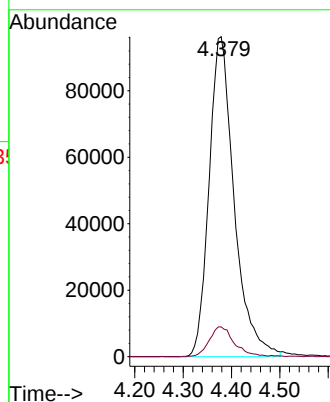
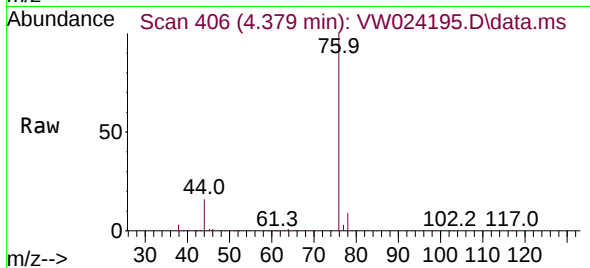




#14
Carbon disulfide
Concen: 22.286 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

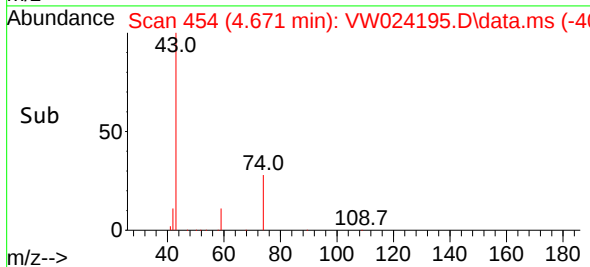
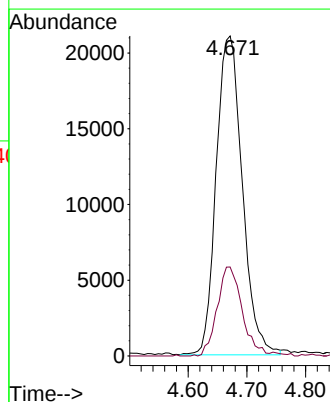
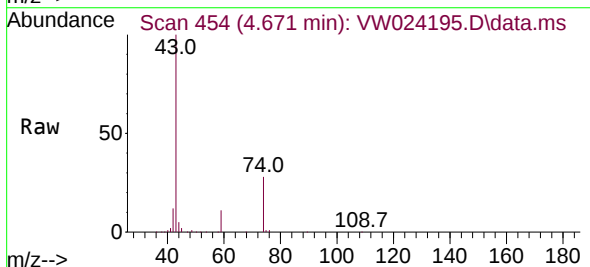
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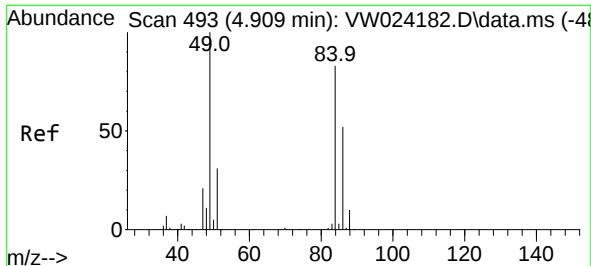
Tgt Ion: 76 Resp: 346797
Ion Ratio Lower Upper
76 100
78 9.3 7.9 11.9



#15
Methyl Acetate
Concen: 24.894 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 64938
Ion Ratio Lower Upper
43 100
74 26.0 21.5 32.3



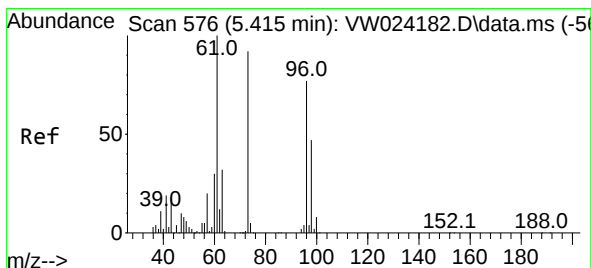
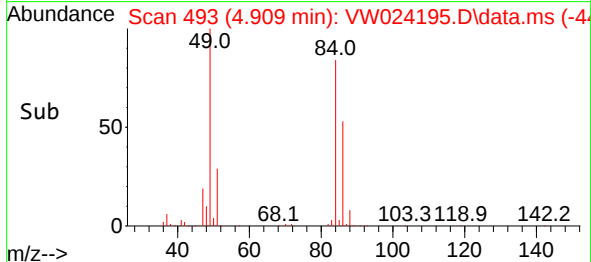
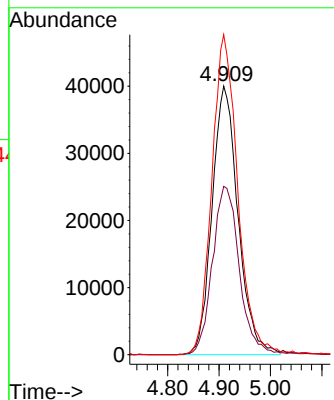
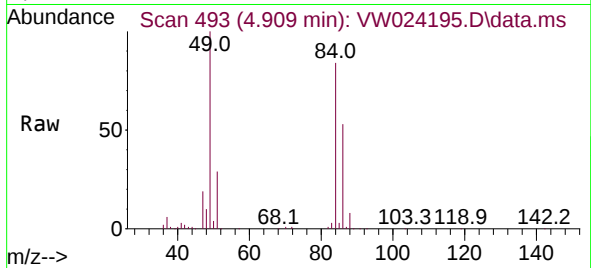


#16
Methylene chloride
Concen: 19.714 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Tgt Ion: 84 Resp: 140622

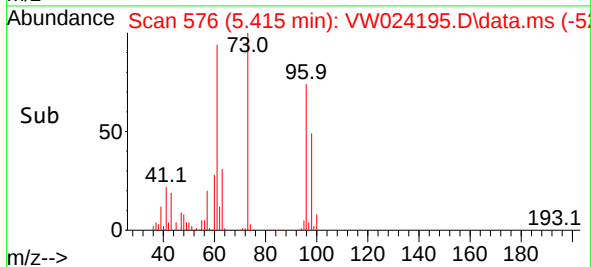
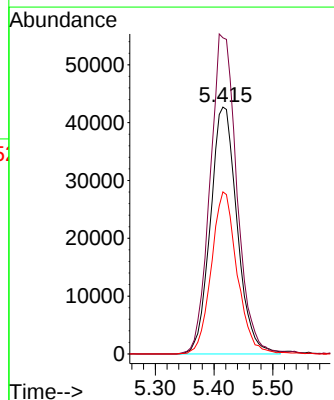
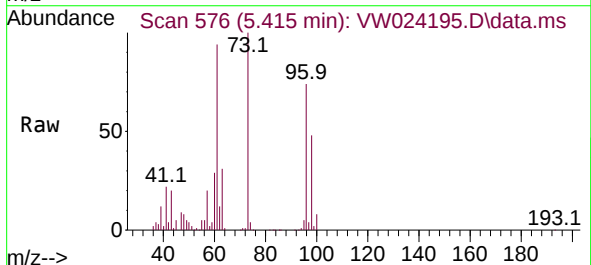
Ion	Ratio	Lower	Upper
84	100		
86	62.7	42.8	79.6
49	119.1	85.3	158.3

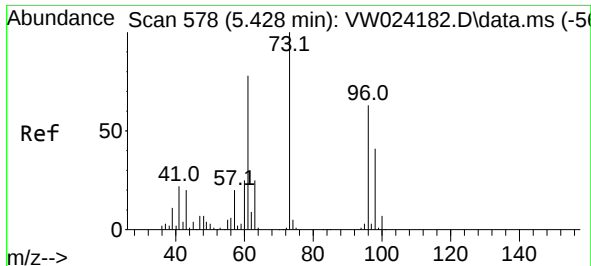


#17
trans-1,2-Dichloroethene
Concen: 24.030 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 96 Resp: 134947

Ion	Ratio	Lower	Upper
96	100		
61	128.0	93.0	172.8
98	65.6	48.5	90.1

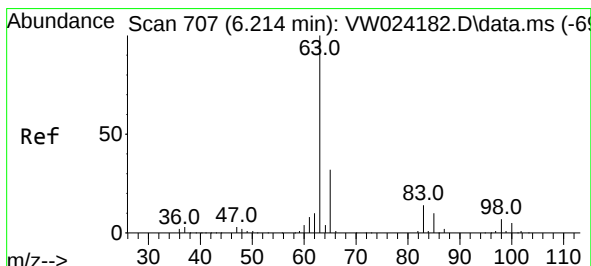
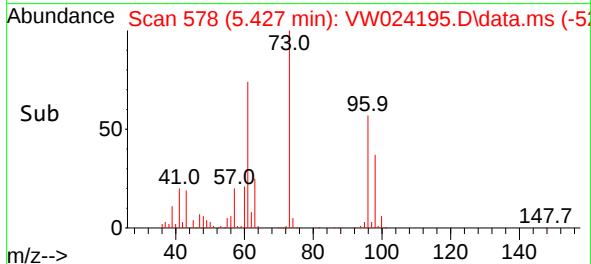
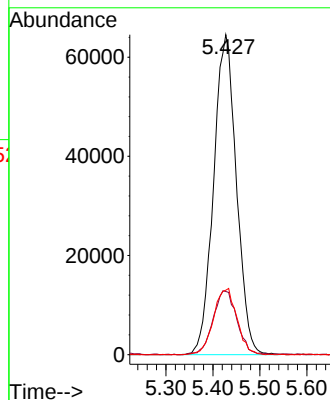
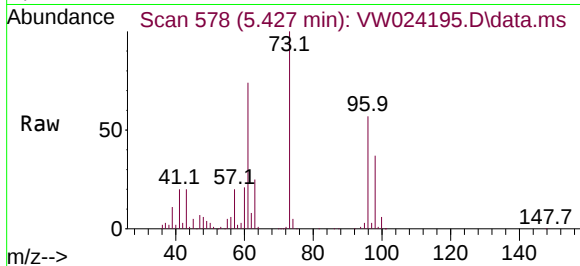




#18
Methyl tert-butyl Ether
Concen: 27.238 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

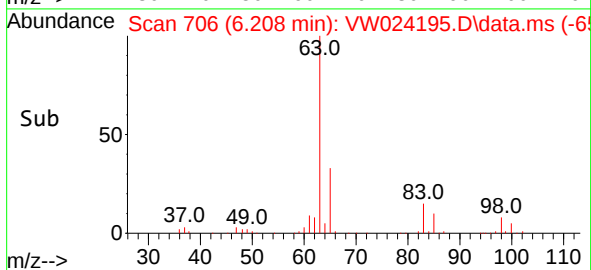
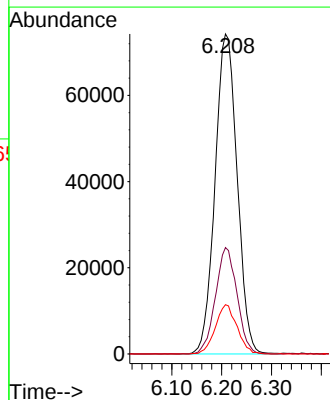
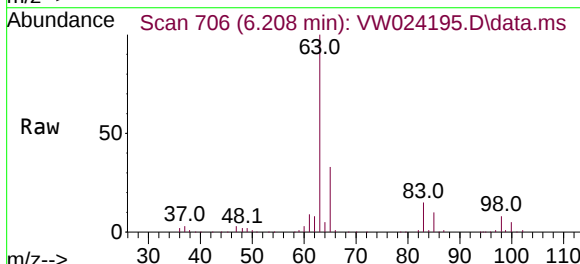
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

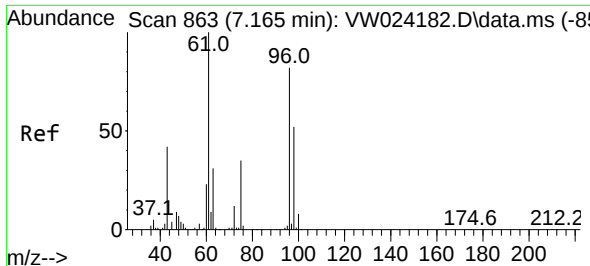
Tgt Ion: 73 Resp: 218120
Ion Ratio Lower Upper
73 100
43 20.4 16.6 24.8
57 21.1 17.6 26.4



#19
1,1-Dichloroethane
Concen: 23.119 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 63 Resp: 228696
Ion Ratio Lower Upper
63 100
65 33.3 22.0 41.0
83 15.4 9.2 17.0

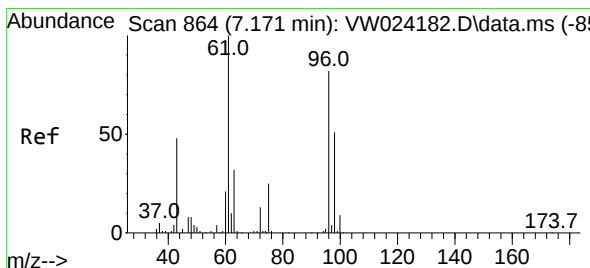
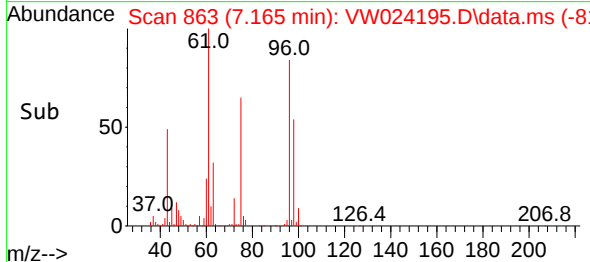
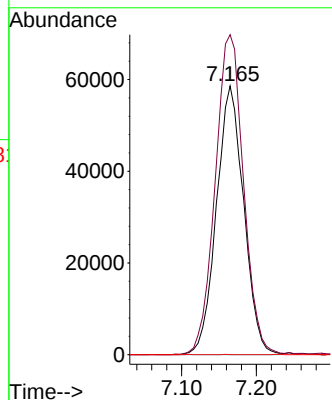
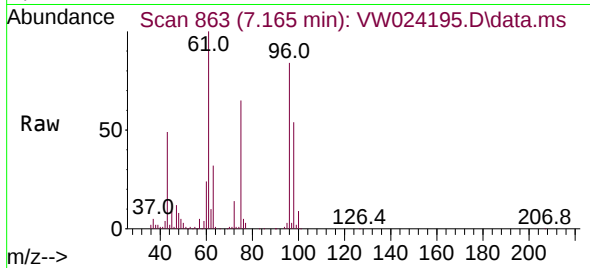




#20
 cis-1,2-Dichloroethene
 Concen: 24.142 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW024195.D
 Acq: 05 Aug 2022 16:26

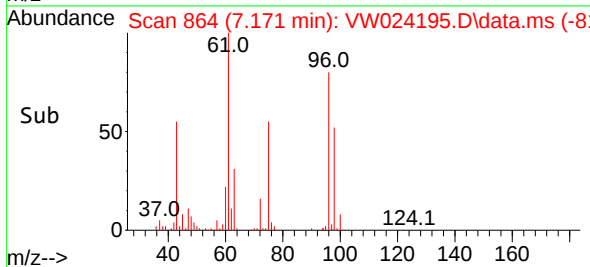
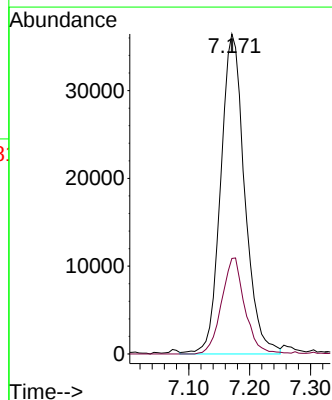
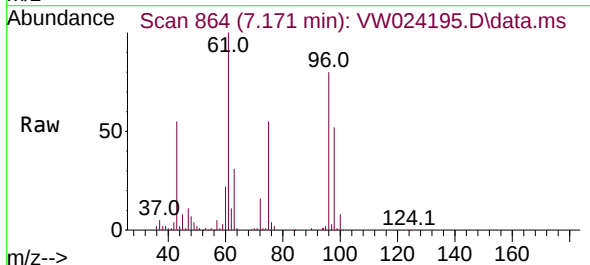
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

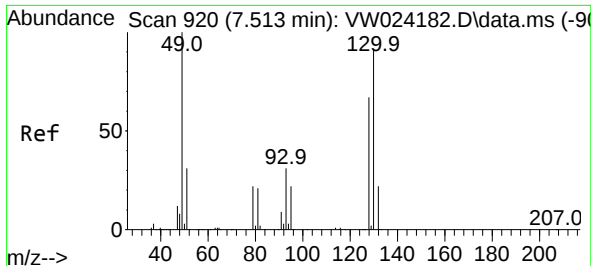
Tgt Ion: 96 Resp: 148891
 Ion Ratio Lower Upper
 96 100
 61 119.1 89.5 166.3
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 51.167 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024195.D
 Acq: 05 Aug 2022 16:26

Tgt Ion: 43 Resp: 99852
 Ion Ratio Lower Upper
 43 100
 72 29.0 14.3 42.9

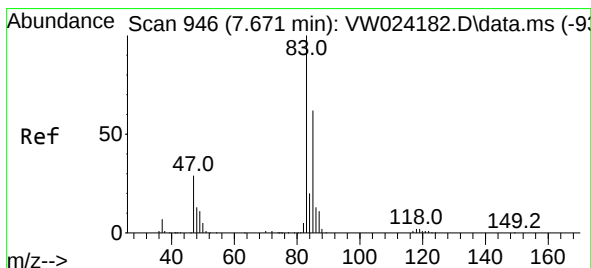
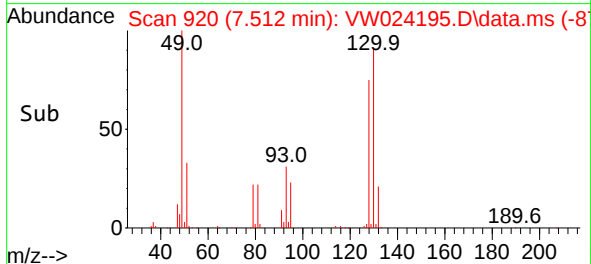
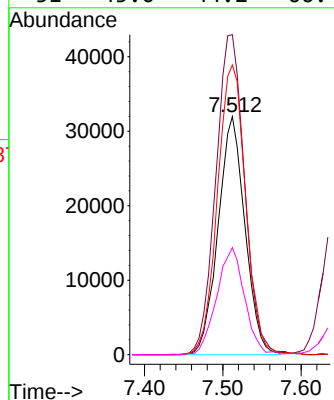
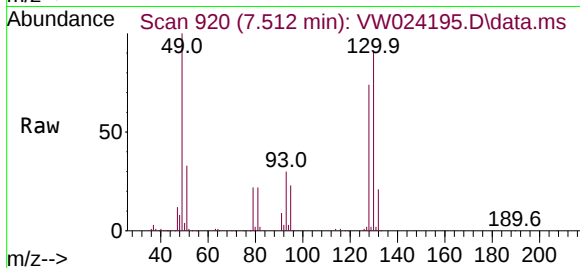




#23
Bromochloromethane
Concen: 24.793 ug/L
RT: 7.512 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

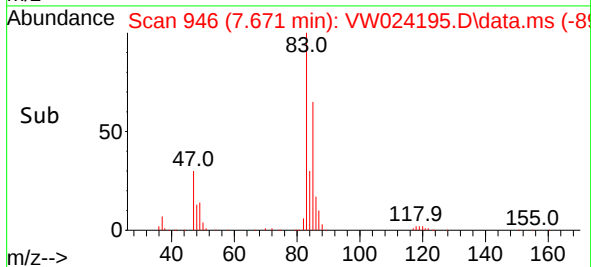
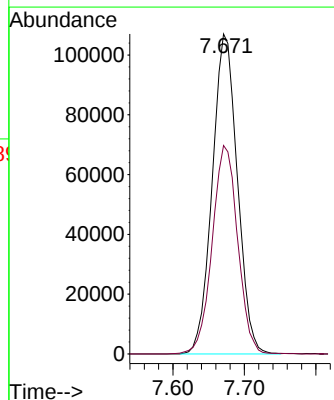
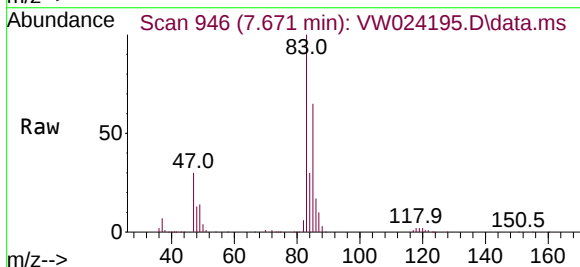
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

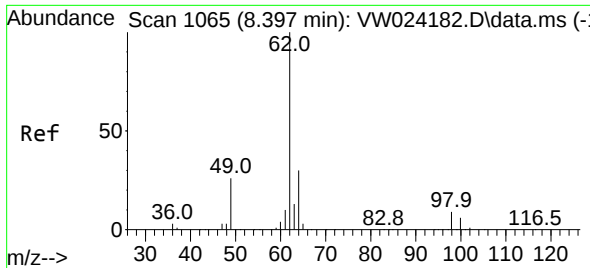
Tgt Ion:128 Resp: 76150
Ion Ratio Lower Upper
128 100
49 134.4 106.6 198.0
130 121.7 88.1 163.5
51 45.0 44.2 66.4



#25
Chloroform
Concen: 23.954 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 83 Resp: 261114
Ion Ratio Lower Upper
83 100
85 65.1 42.9 79.7





#27

1,2-Dichloroethane

Concen: 23.765 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

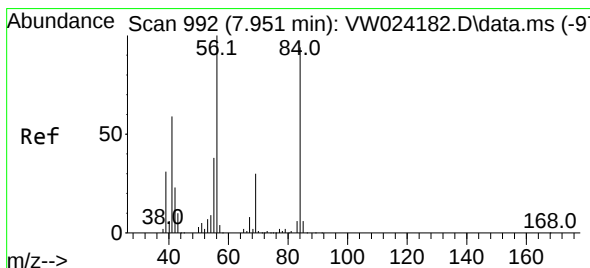
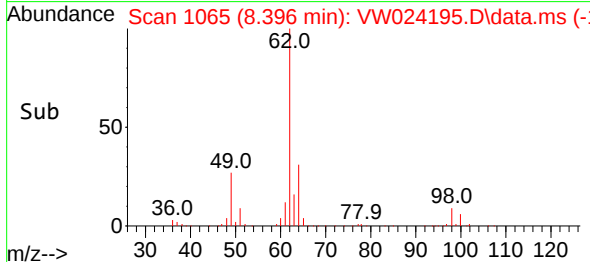
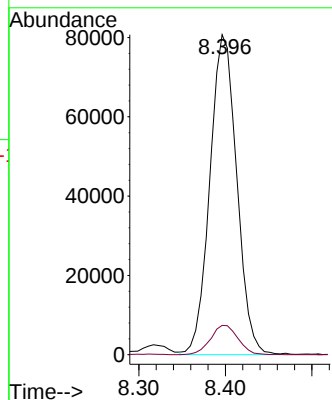
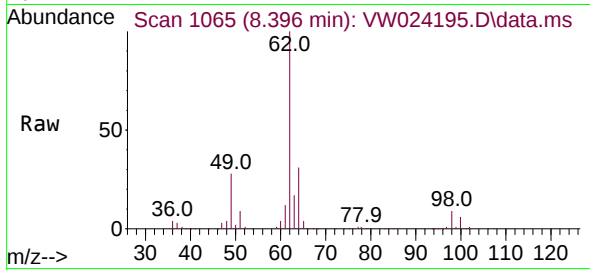
VSTD025523

Tgt Ion: 62 Resp: 174319

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0



#29

Cyclohexane

Concen: 25.884 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

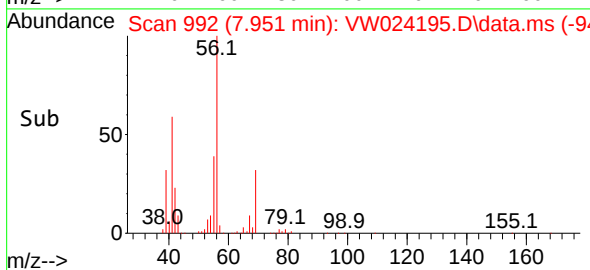
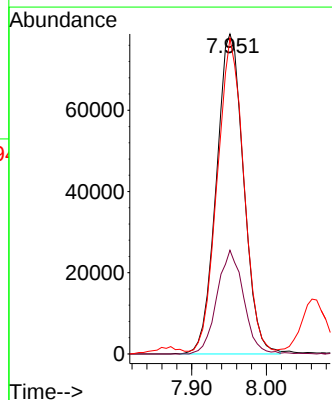
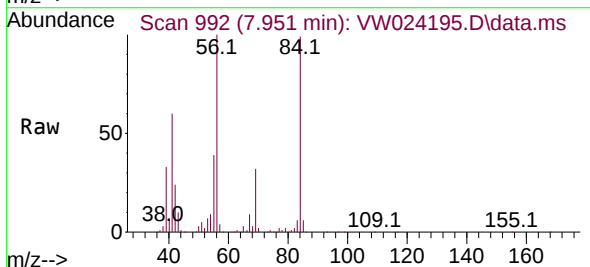
Tgt Ion: 56 Resp: 200591

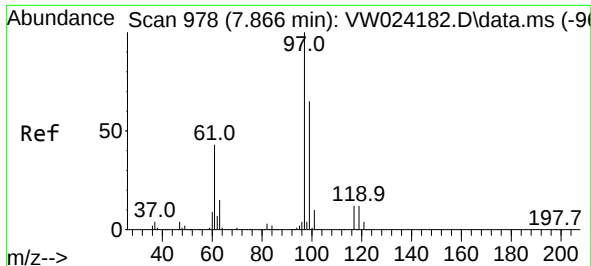
Ion Ratio Lower Upper

56 100

69 31.1 24.5 36.7

84 96.1 75.5 113.3





#30

1,1,1-Trichloroethane

Concen: 24.728 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

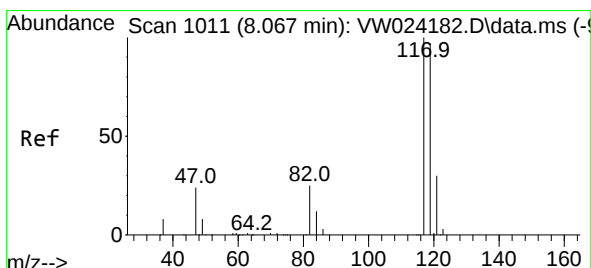
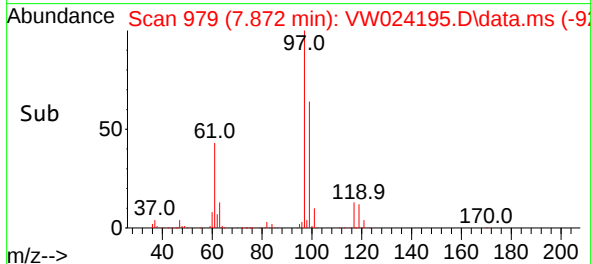
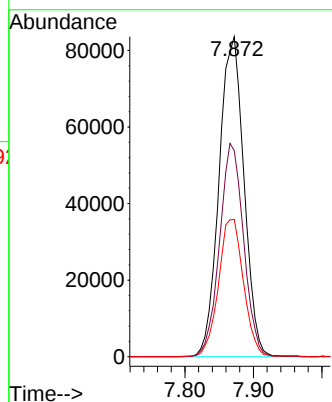
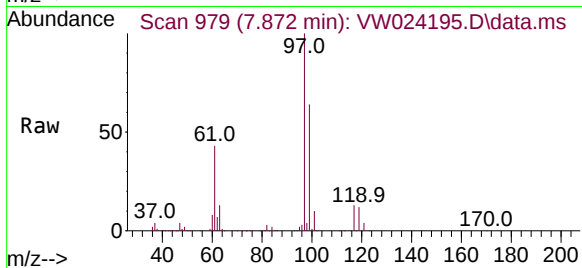
Tgt Ion: 97 Resp: 210795

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 43.1 36.2 54.2



#31

Carbon tetrachloride

Concen: 23.828 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024195.D

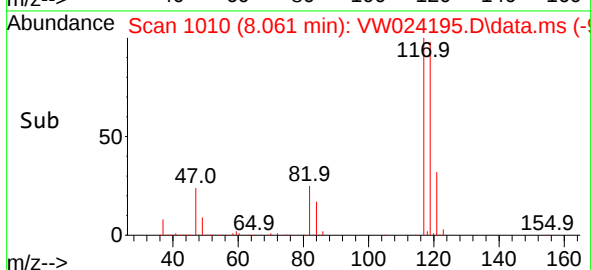
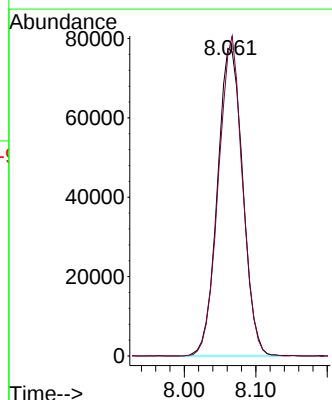
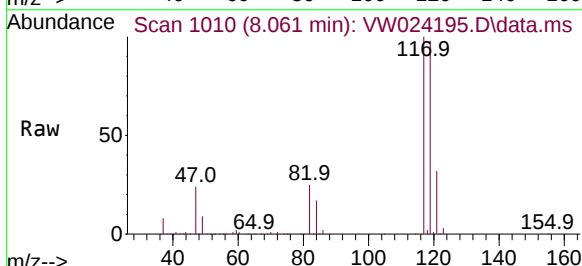
Acq: 05 Aug 2022 16:26

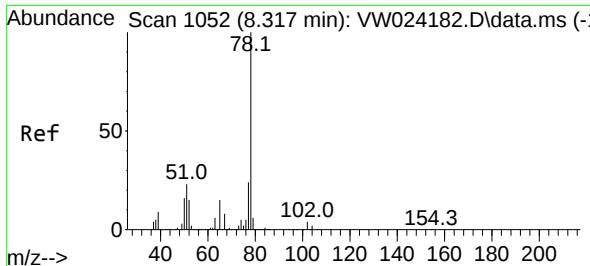
Tgt Ion: 117 Resp: 191628

Ion Ratio Lower Upper

117 100

119 98.4 77.8 116.8





#33

Benzene

Concen: 24.337 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

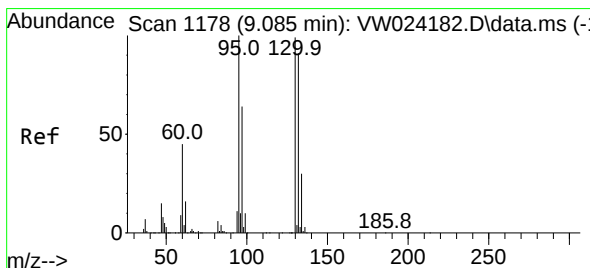
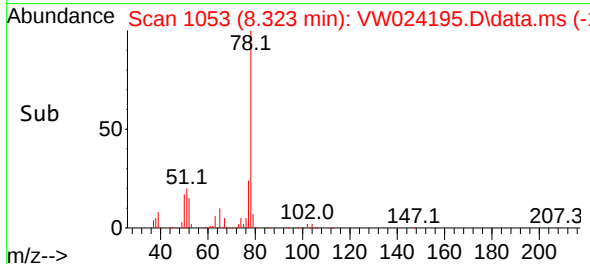
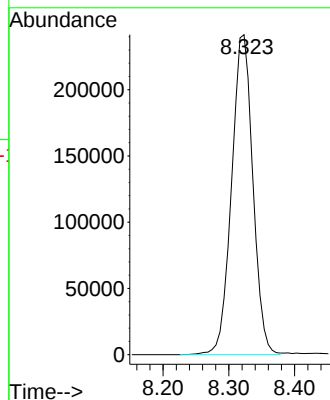
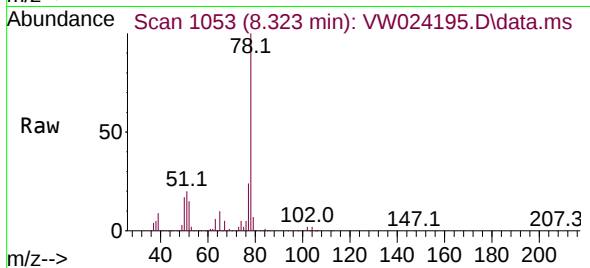
Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion: 78 Resp: 543342



#34

Trichloroethene

Concen: 24.676 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Tgt Ion: 95 Resp: 145615

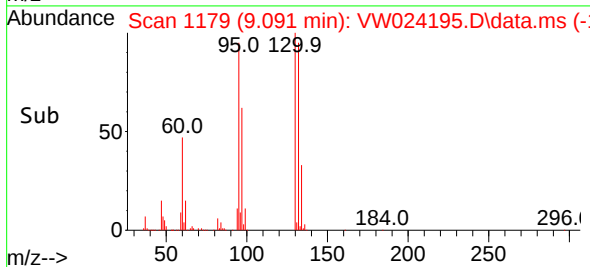
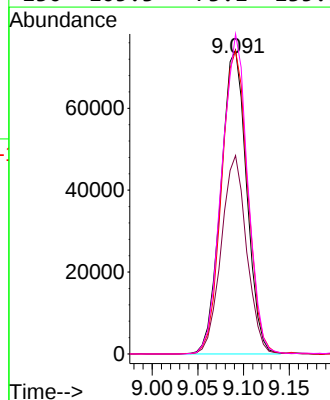
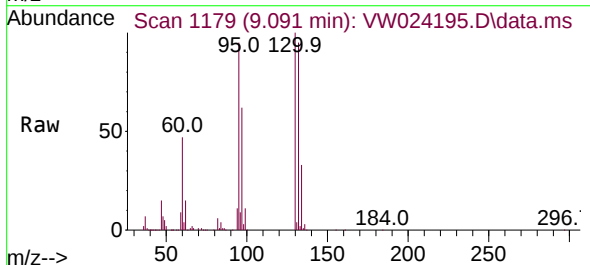
Ion Ratio Lower Upper

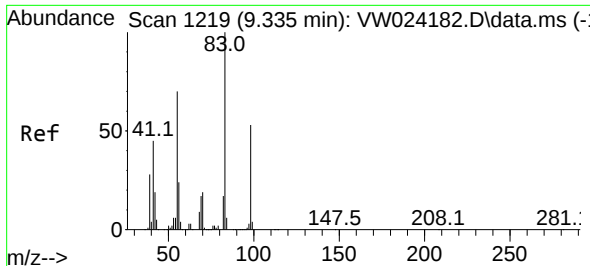
95 100

97 65.3 41.6 77.2

132 99.8 67.0 124.4

130 105.3 73.1 135.8

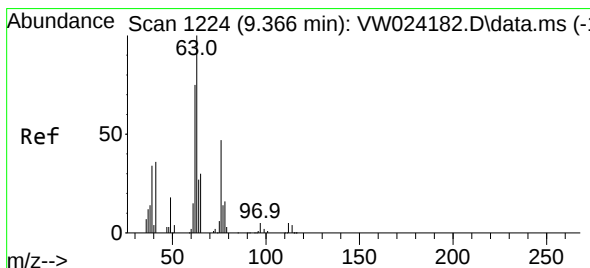
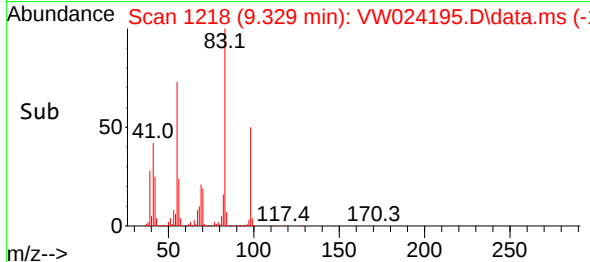
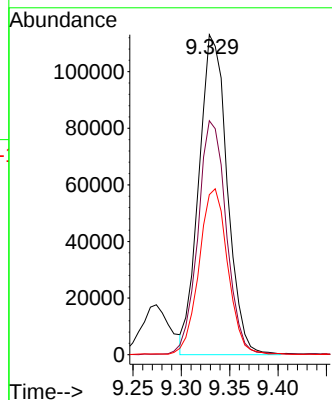
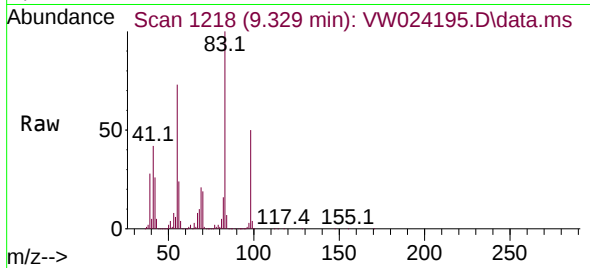




#35
Methylcyclohexane
Concen: 24.958 ug/L
RT: 9.329 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

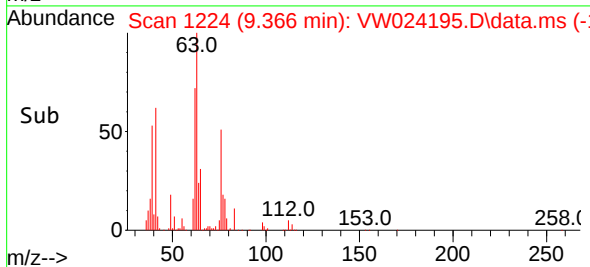
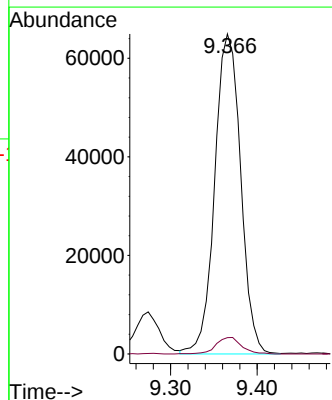
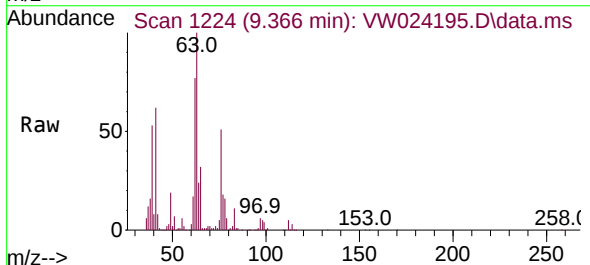
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

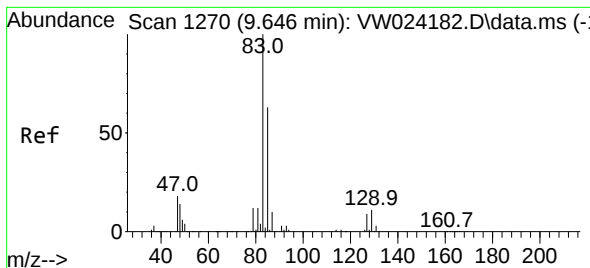
Tgt Ion: 83 Resp: 230956
Ion Ratio Lower Upper
83 100
55 73.2 59.1 88.7
98 52.4 40.8 61.2



#37
1,2-Dichloropropane
Concen: 24.468 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 63 Resp: 135034
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6





#38

Bromodichloromethane

Concen: 24.702 ug/L

RT: 9.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

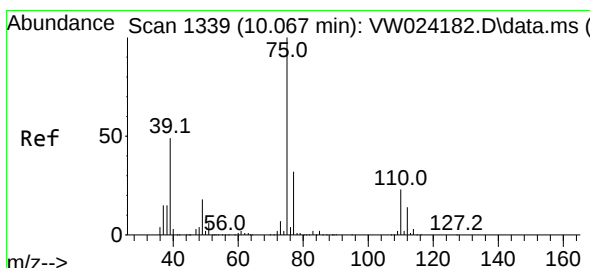
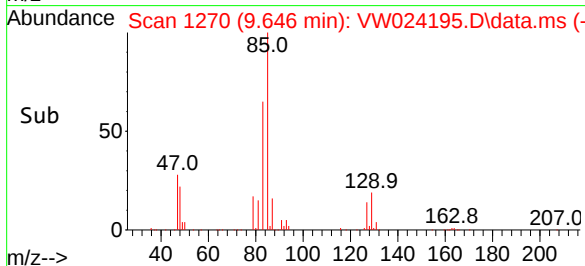
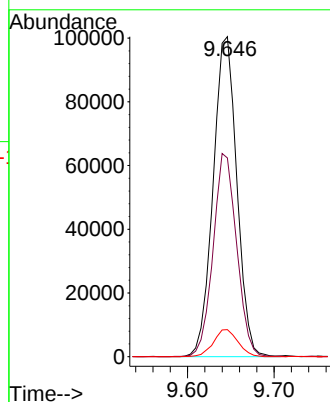
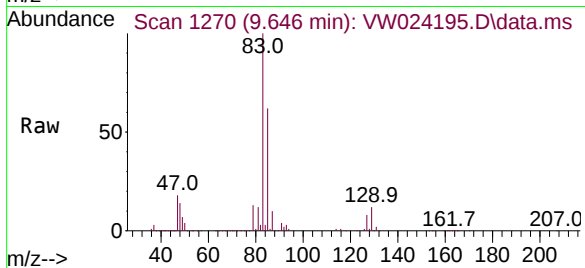
Tgt Ion: 83 Resp: 191207

Ion Ratio Lower Upper

83 100

85 62.1 43.7 81.1

127 8.4 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 25.806 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024195.D

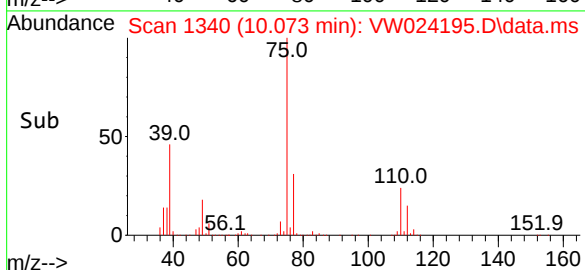
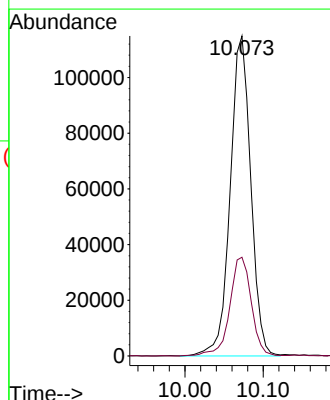
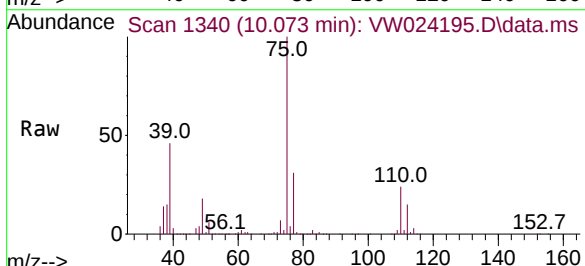
Acq: 05 Aug 2022 16:26

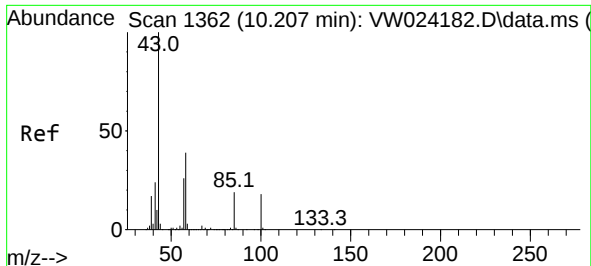
Tgt Ion: 75 Resp: 209522

Ion Ratio Lower Upper

75 100

77 30.9 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 58.033 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

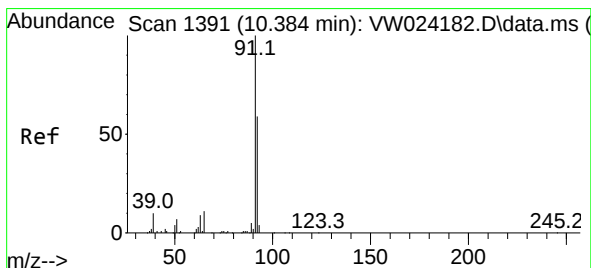
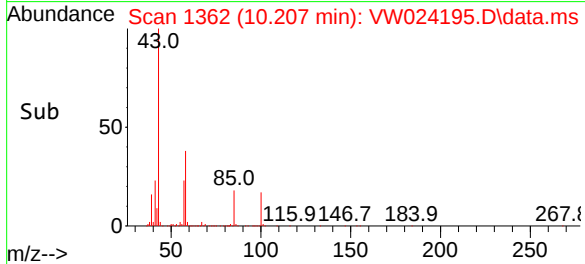
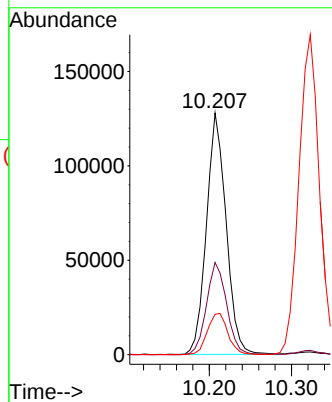
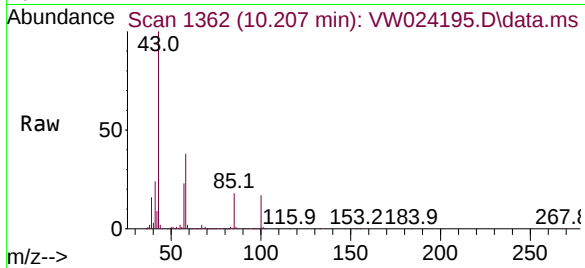
Tgt Ion: 43 Resp: 212558

Ion Ratio Lower Upper

43 100

58 39.2 30.5 45.7

100 17.9 13.8 20.6



#42

Toluene

Concen: 25.383 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024195.D

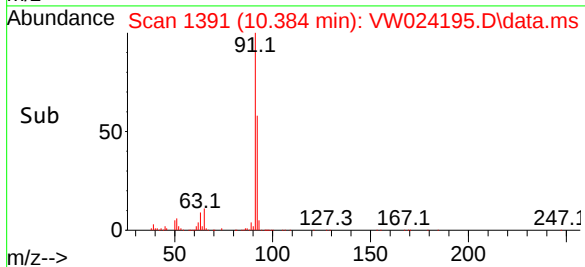
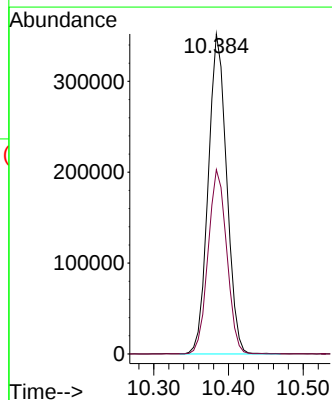
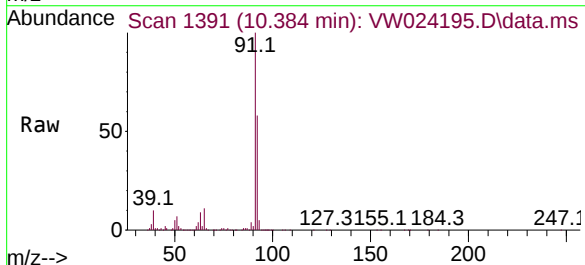
Acq: 05 Aug 2022 16:26

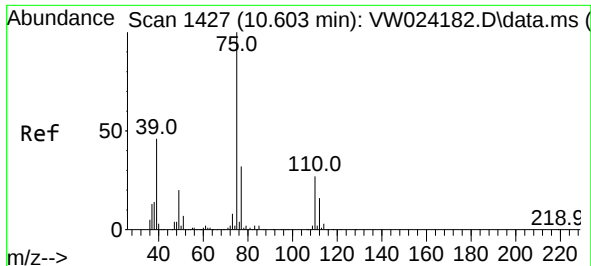
Tgt Ion: 91 Resp: 602191

Ion Ratio Lower Upper

91 100

92 57.6 41.4 77.0

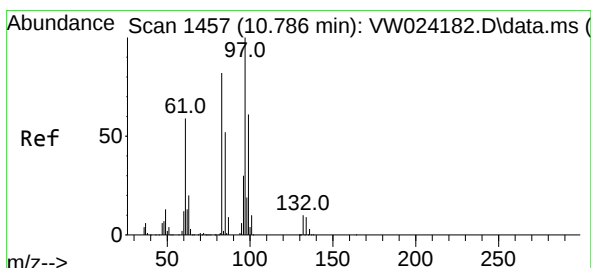
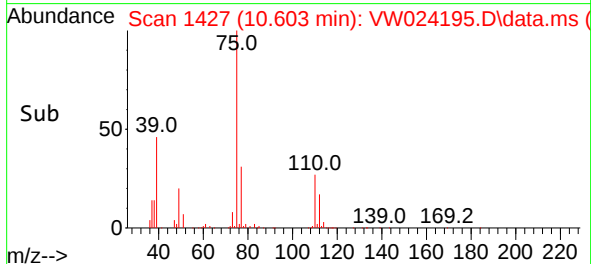
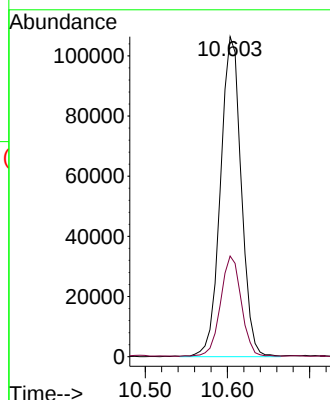
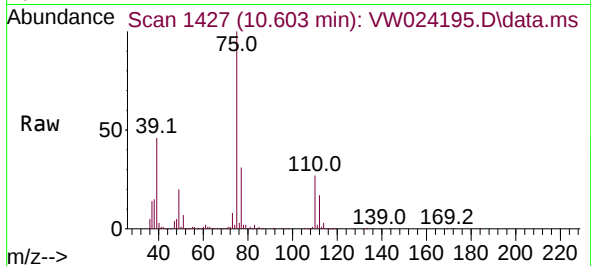




#44
trans-1,3-Dichloropropene
Concen: 25.234 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

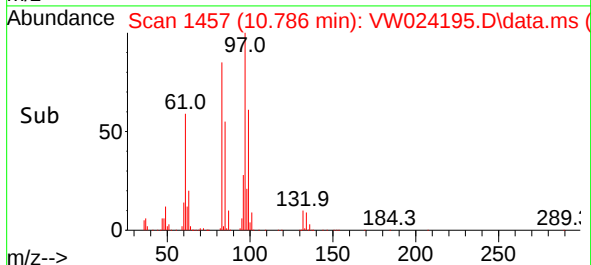
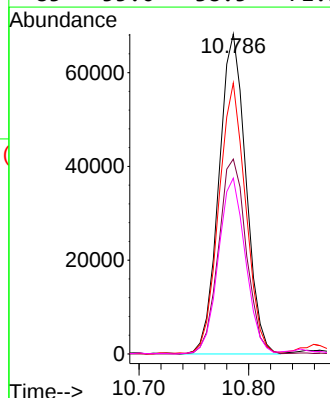
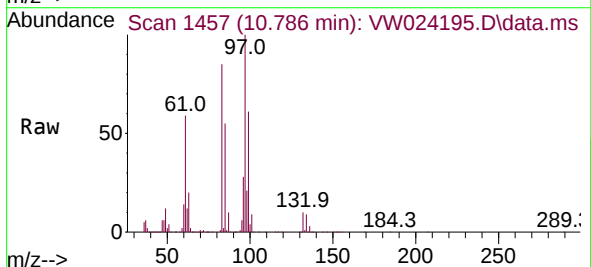
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

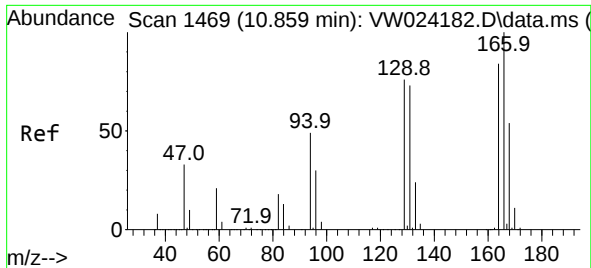
Tgt Ion: 75 Resp: 187209
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 25.101 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

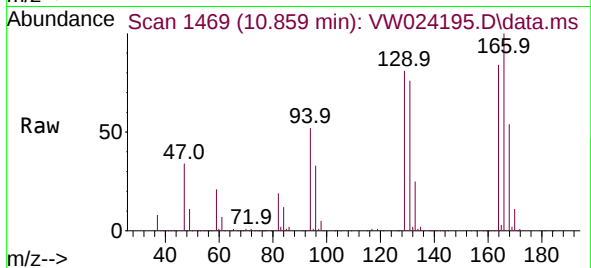
Tgt Ion: 97 Resp: 116762
Ion Ratio Lower Upper
97 100
99 60.9 43.8 81.3
83 84.7 56.4 104.7
85 55.0 38.5 71.5



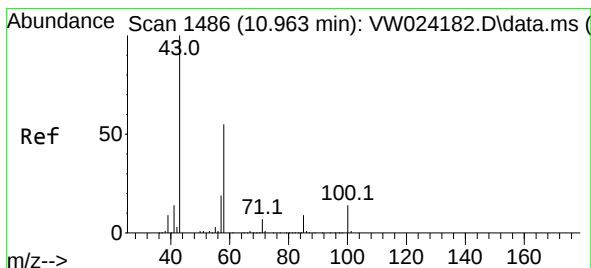
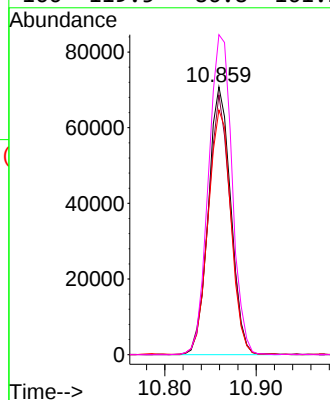
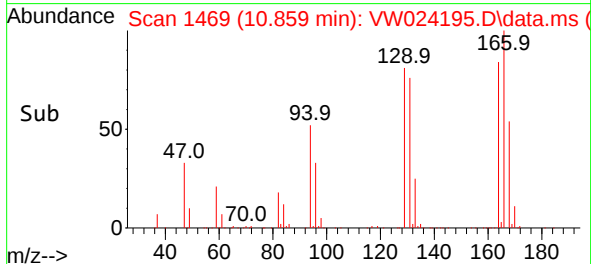


#46
Tetrachloroethene
Concen: 25.233 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

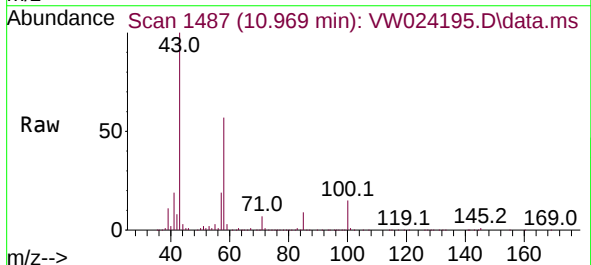
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523



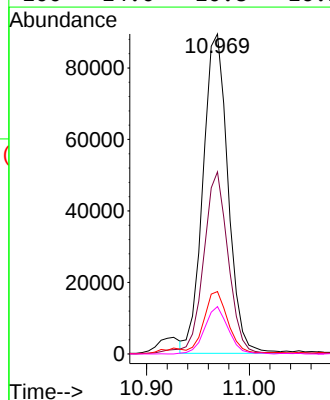
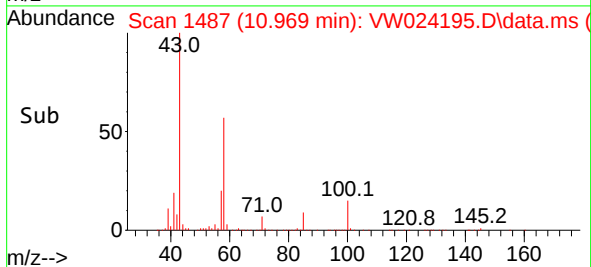
Tgt Ion:164 Resp: 120545
Ion Ratio Lower Upper
164 100
129 97.0 63.1 117.3
131 91.3 63.9 118.7
166 119.5 86.8 161.2

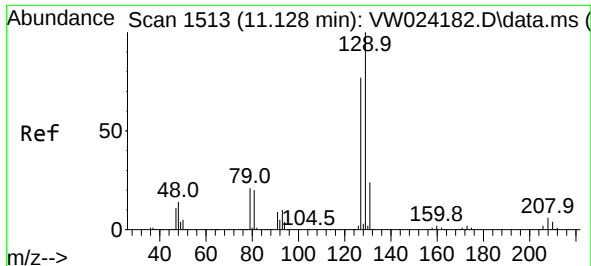


#48
2-Hexanone
Concen: 60.785 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26



Tgt Ion: 43 Resp: 151094
Ion Ratio Lower Upper
43 100
58 56.8 43.4 65.0
57 18.4 15.0 22.4
100 14.0 10.8 16.2





#49

Dibromochloromethane

Concen: 25.142 ug/L

RT: 11.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

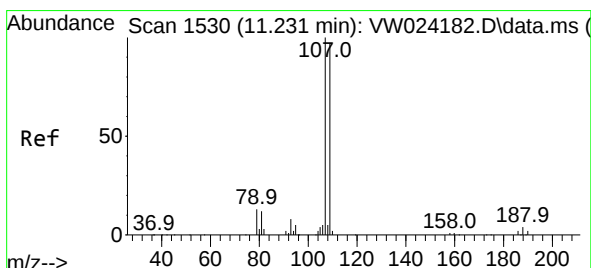
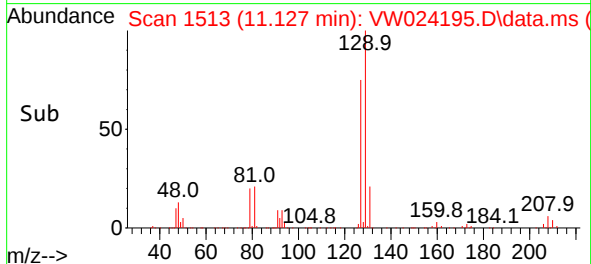
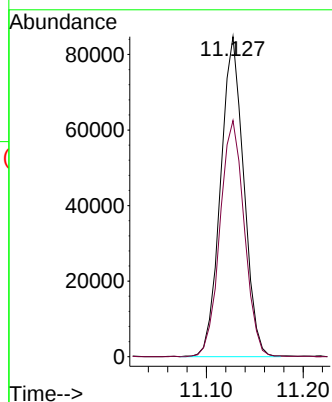
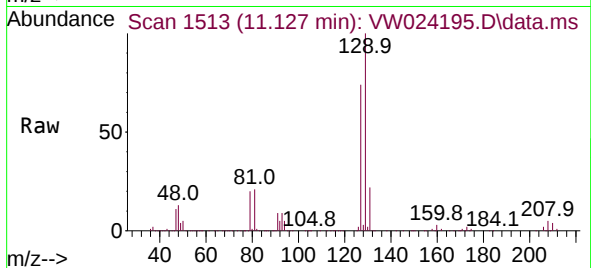
VSTD025523

Tgt Ion:129 Resp: 140792

Ion Ratio Lower Upper

129 100

127 73.8 52.3 97.1



#50

1,2-Dibromoethane

Concen: 25.847 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

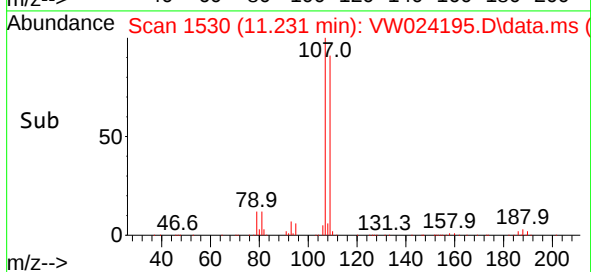
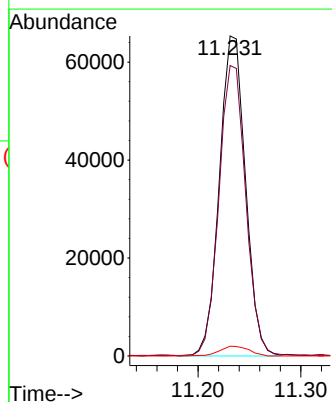
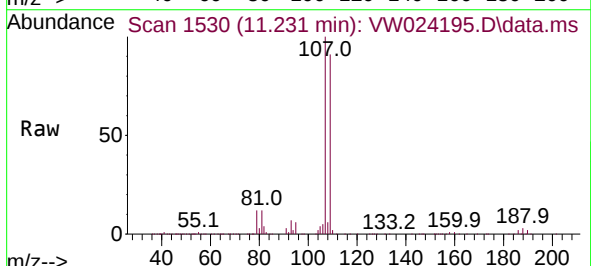
Tgt Ion:107 Resp: 115194

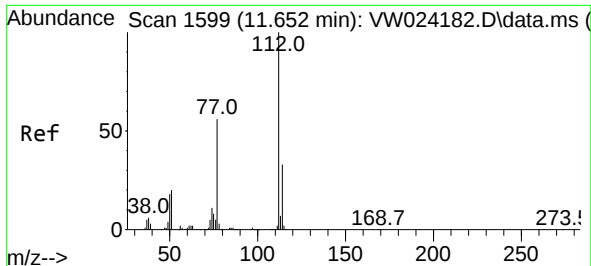
Ion Ratio Lower Upper

107 100

109 90.7 64.0 119.0

188 3.1 3.1 4.7#

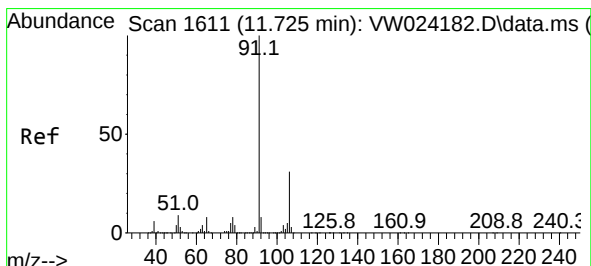
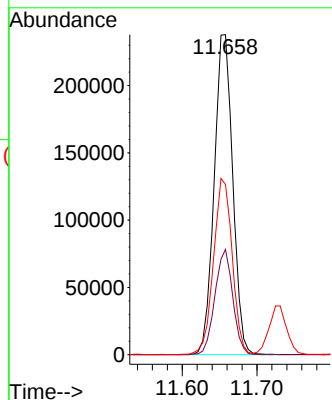
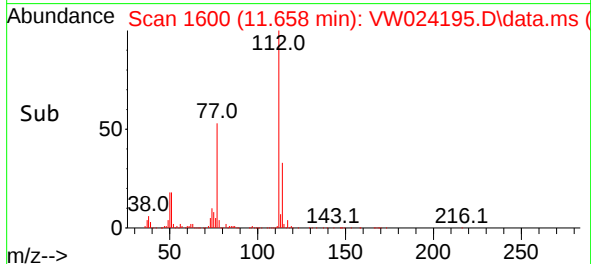
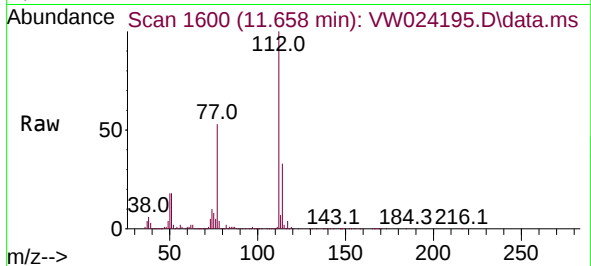




#51
Chlorobenzene
Concen: 25.323 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

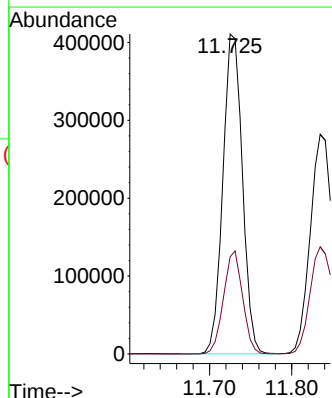
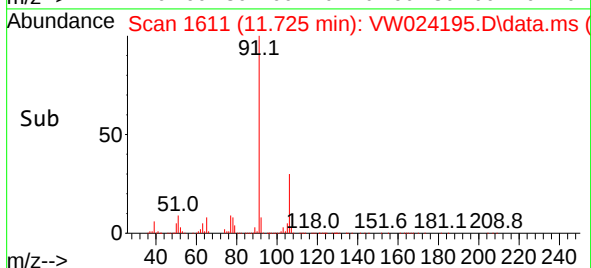
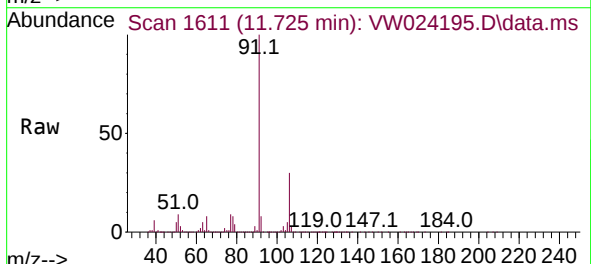
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

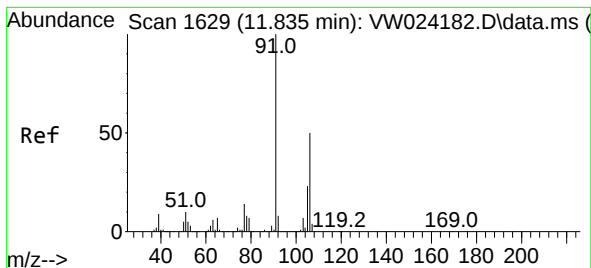
Tgt Ion:112 Resp: 410466
Ion Ratio Lower Upper
112 100
114 32.9 20.7 38.5
77 53.2 41.4 62.2



#52
Ethylbenzene
Concen: 26.079 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 91 Resp: 677868
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7





#53

m,p-Xylene

Concen: 26.223 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

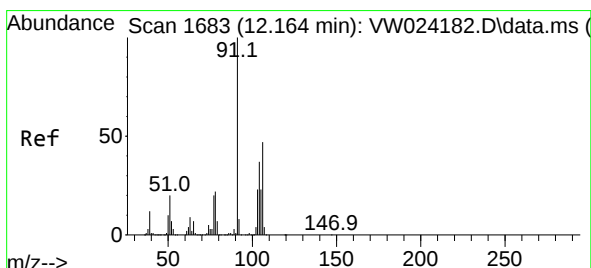
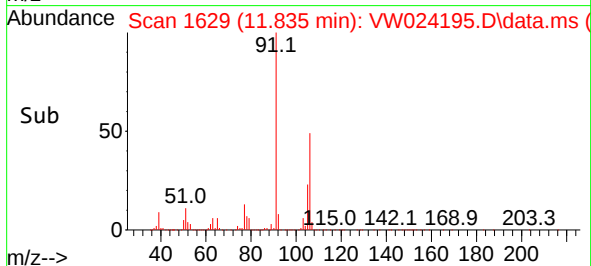
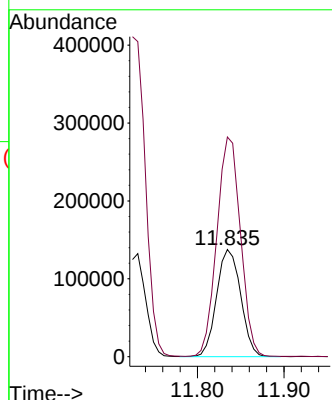
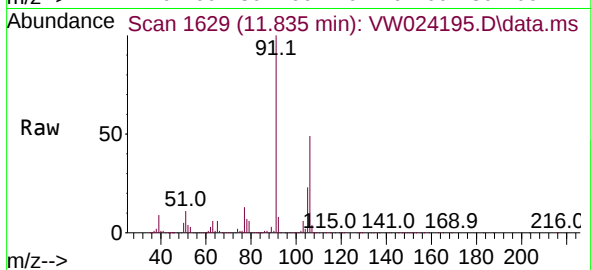
VSTD025523

Tgt Ion:106 Resp: 265323

Ion Ratio Lower Upper

106 100

91 205.0 144.1 267.7



#54

o-Xylene

Concen: 27.407 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW024195.D

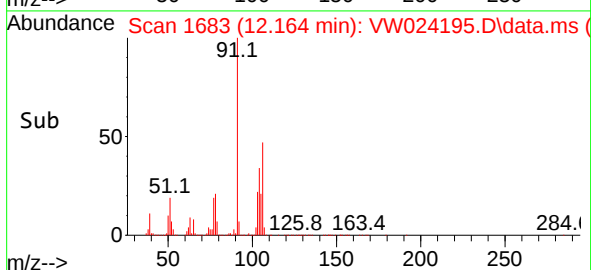
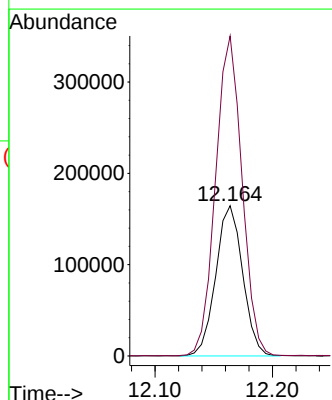
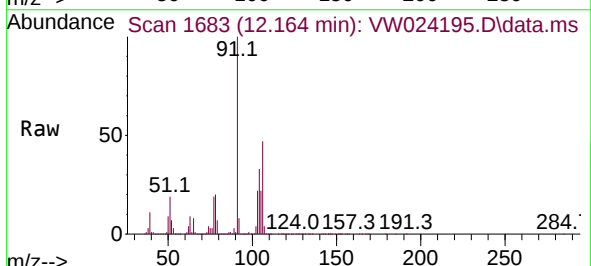
Acq: 05 Aug 2022 16:26

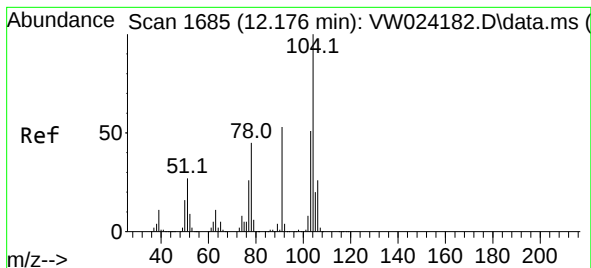
Tgt Ion:106 Resp: 261978

Ion Ratio Lower Upper

106 100

91 213.0 150.9 280.3





#55

Styrene

Concen: 27.244 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

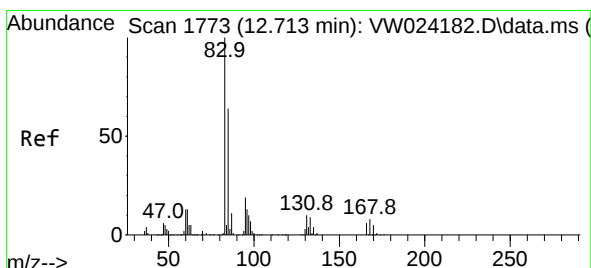
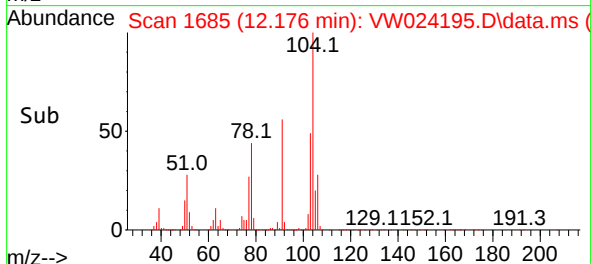
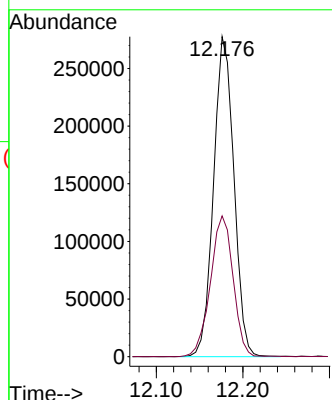
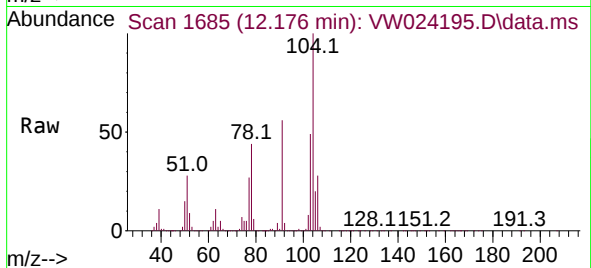
VSTD025523

Tgt Ion:104 Resp: 452914

Ion Ratio Lower Upper

104 100

78 44.0 31.1 57.7



#57

1,1,2,2-Tetrachloroethane

Concen: 26.276 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

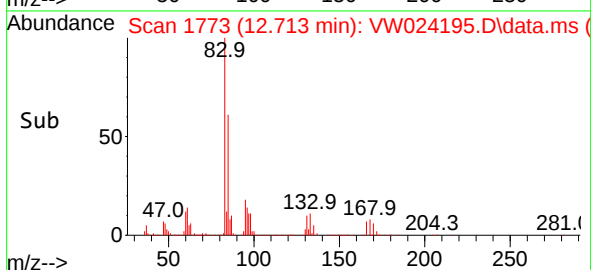
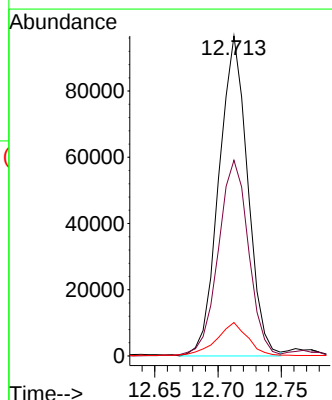
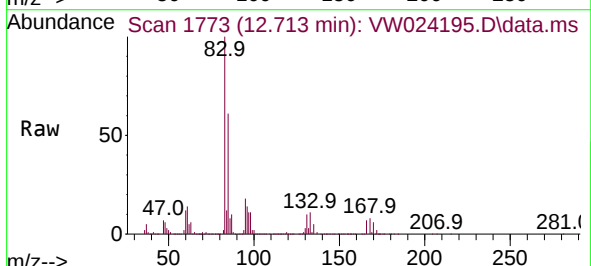
Tgt Ion: 83 Resp: 152755

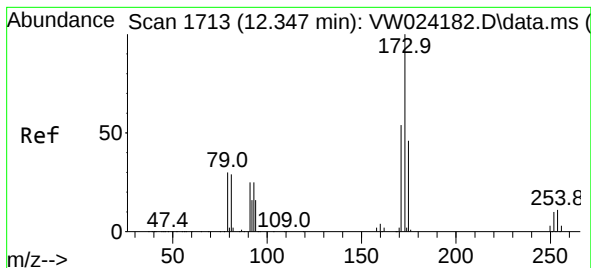
Ion Ratio Lower Upper

83 100

85 61.1 44.1 81.9

131 10.4 8.3 12.5





#59

Bromoform

Concen: 28.319 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

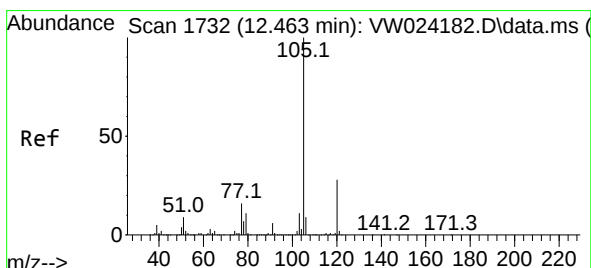
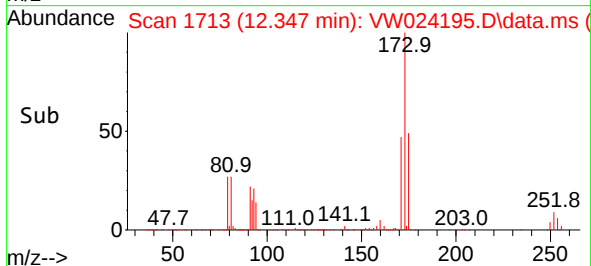
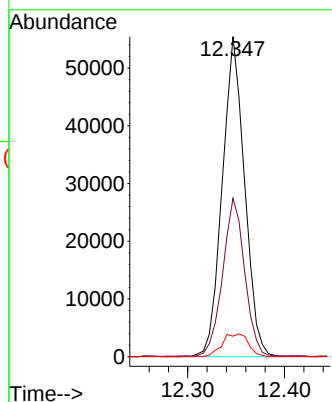
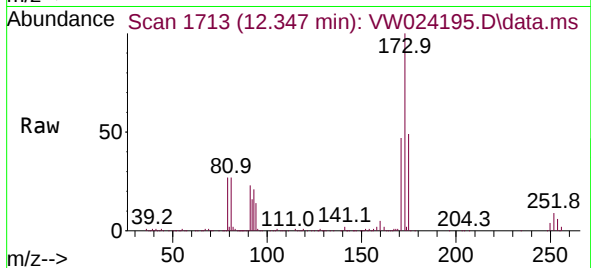
Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion:173	Resp:	88657
Ion Ratio	Lower	Upper
173	100	
175	49.0	39.0 58.6
254	4.3	6.8 10.2#



#60

Isopropylbenzene

Concen: 27.951 ug/L

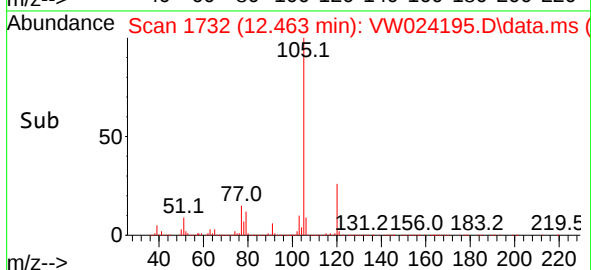
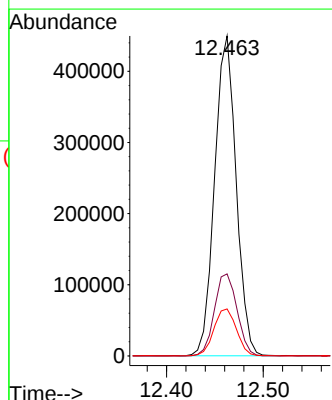
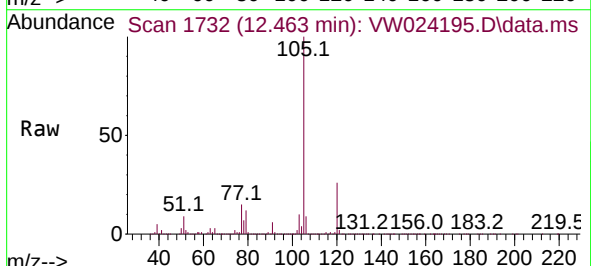
RT: 12.463 min Scan# 1732

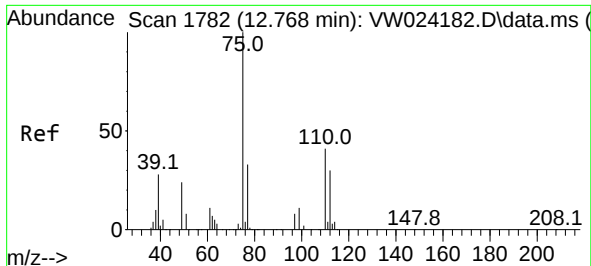
Delta R.T. -0.000 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Tgt Ion:105	Resp:	694479
Ion Ratio	Lower	Upper
105	100	
120	27.0	21.4 32.2
77	15.4	12.4 18.6

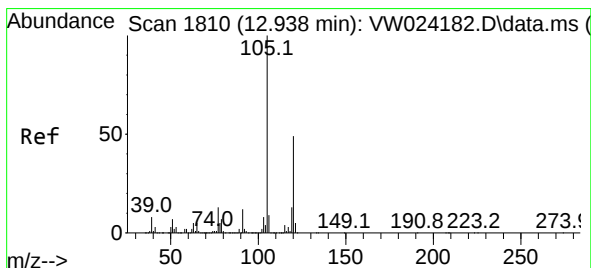
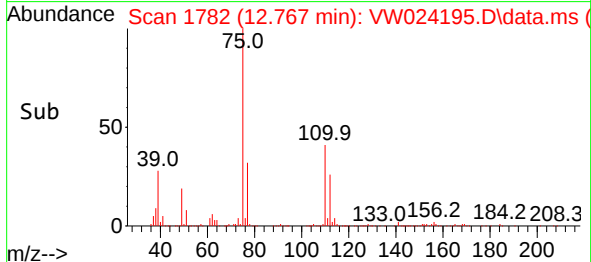
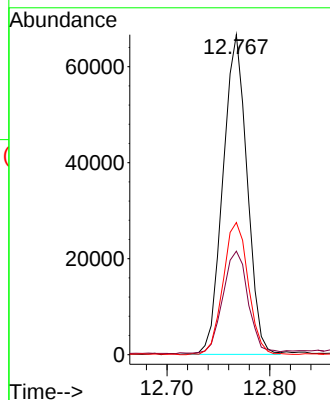
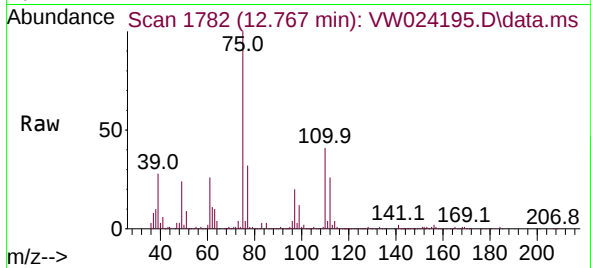




#61
1,2,3-Trichloropropane
Concen: 26.577 ug/L
RT: 12.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

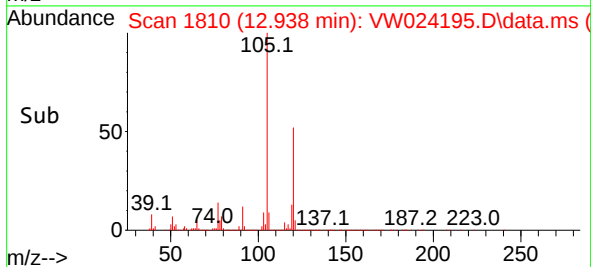
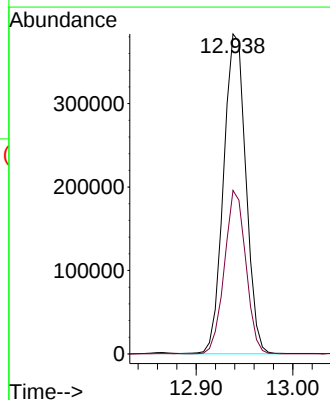
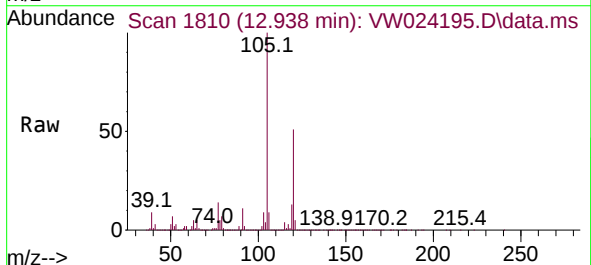
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

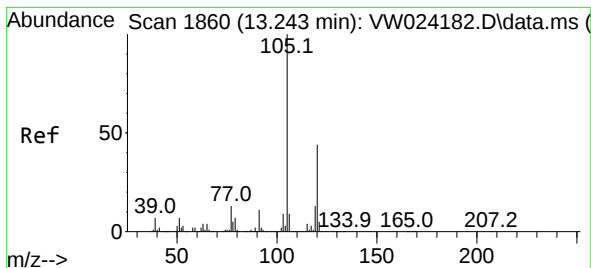
Tgt Ion: 75 Resp: 108558
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.4
110 43.1 33.6 50.4



#62
1,3,5-Trimethylbenzene
Concen: 29.881 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 105 Resp: 613527
Ion Ratio Lower Upper
105 100
120 48.9 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 29.563 ug/L

RT: 13.249 min Scan# 1860

Delta R.T. 0.006 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

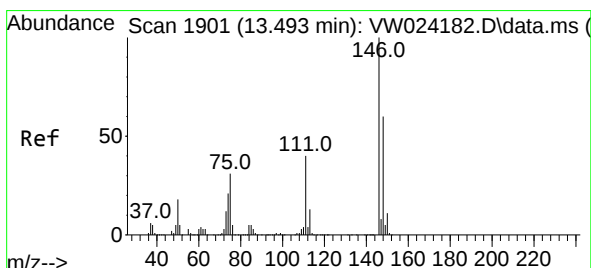
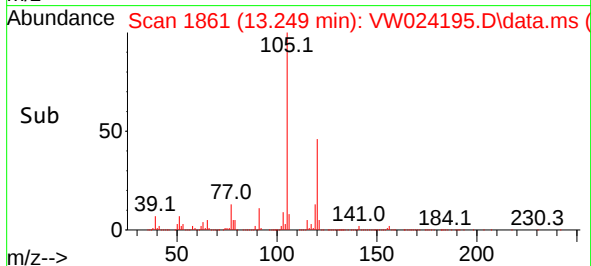
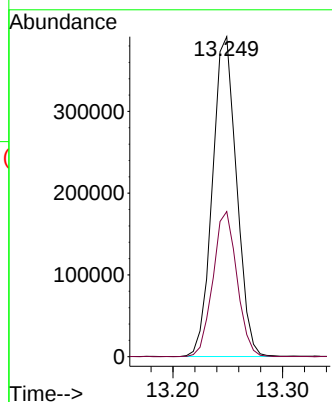
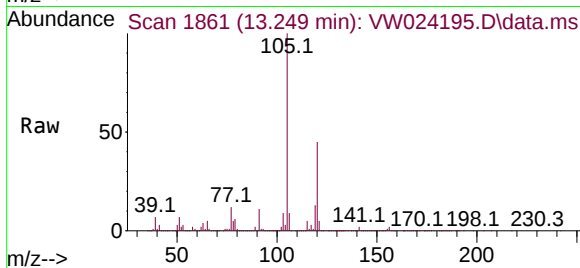
VSTD025523

Tgt Ion:105 Resp: 597806

Ion Ratio Lower Upper

105 100

120 45.1 36.4 54.6



#64

1,3-Dichlorobenzene

Concen: 27.038 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW024195.D

Acq: 05 Aug 2022 16:26

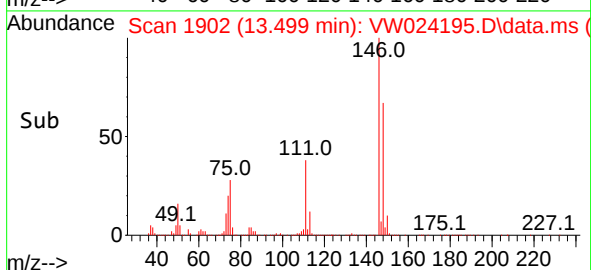
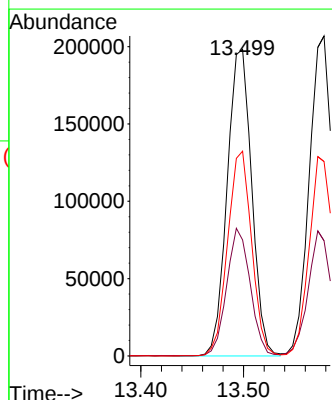
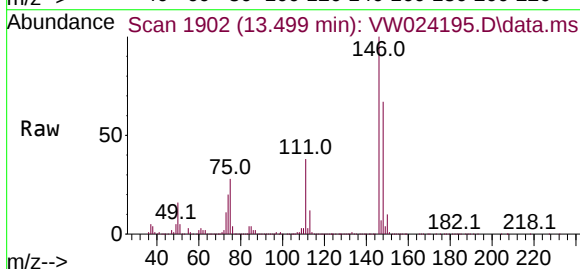
Tgt Ion:146 Resp: 328960

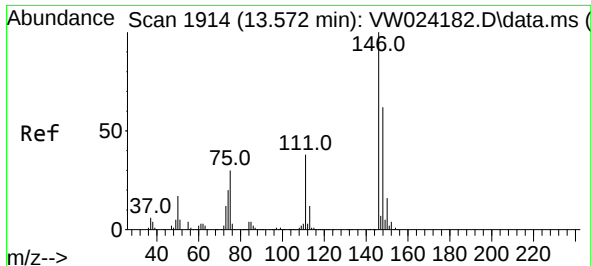
Ion Ratio Lower Upper

146 100

111 37.9 28.0 52.0

148 66.8 46.5 86.3

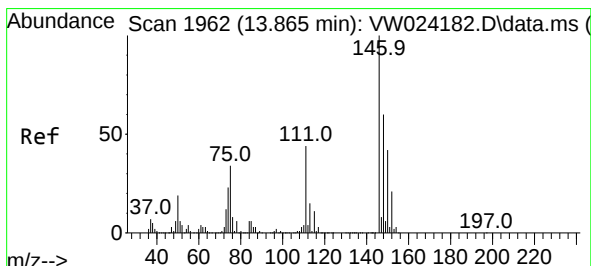
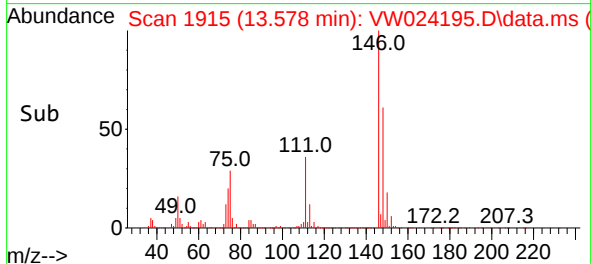
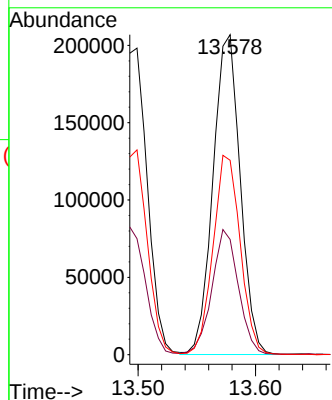
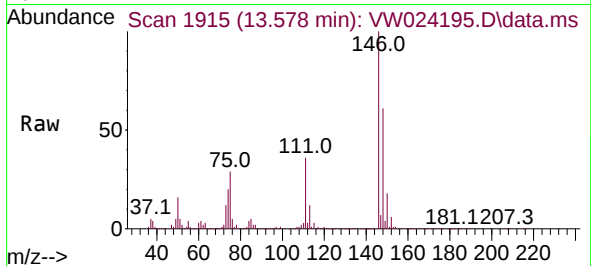




#65
1,4-Dichlorobenzene
Concen: 25.846 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

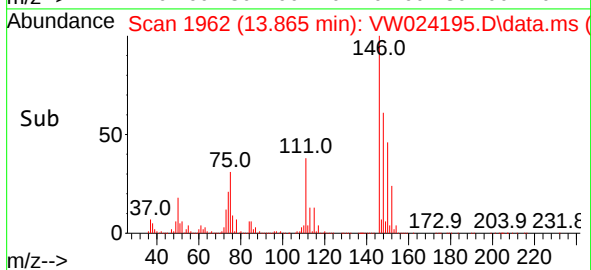
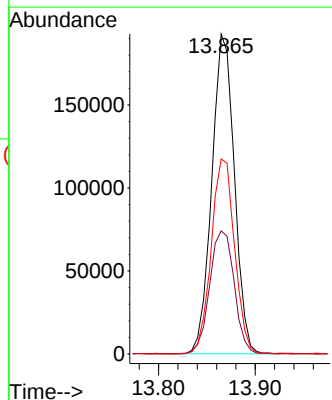
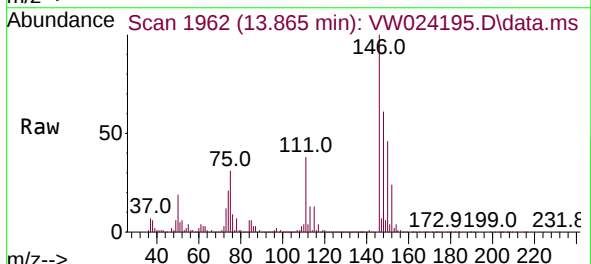
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

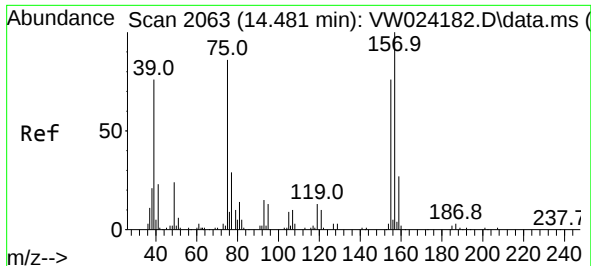
Tgt Ion:146 Resp: 332993
Ion Ratio Lower Upper
146 100
111 36.0 27.6 51.4
148 60.8 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 27.014 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion:146 Resp: 312109
Ion Ratio Lower Upper
146 100
111 38.5 29.0 43.6
148 61.0 47.8 71.8

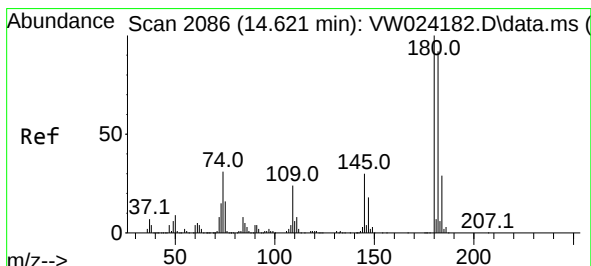
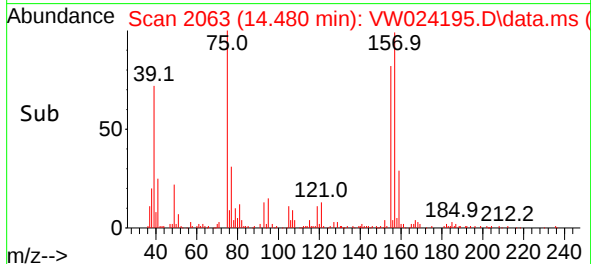
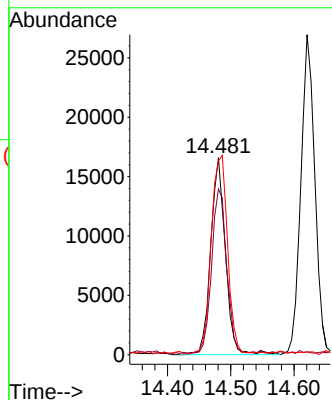
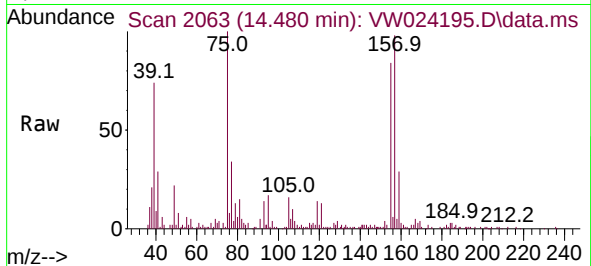




#68
1,2-Dibromo-3-chloropropane
Concen: 28.169 ug/L
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

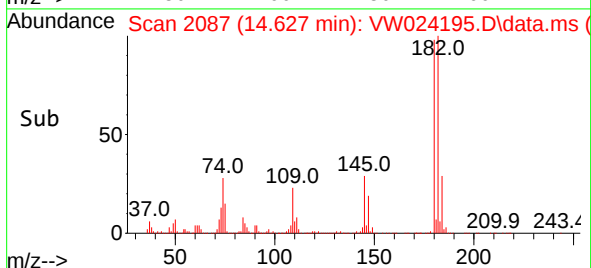
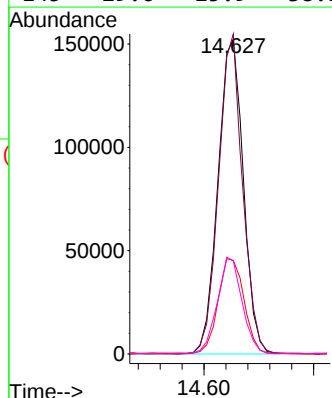
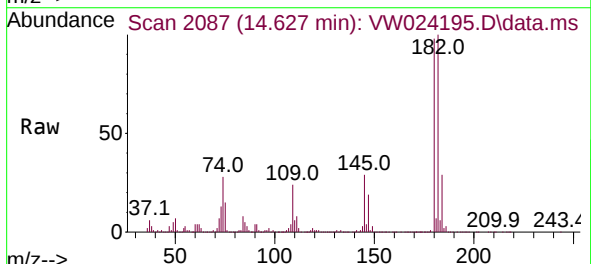
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

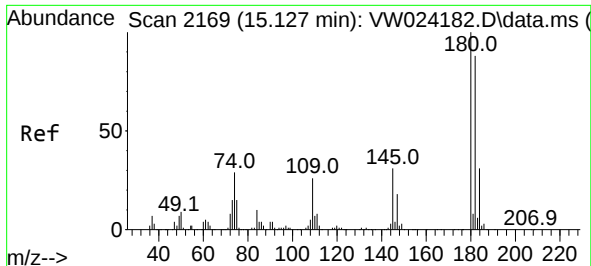
Tgt Ion: 75 Resp: 26882
Ion Ratio Lower Upper
75 100
155 84.1 68.8 103.2
157 98.4 91.5 137.3



#69
1,3,5-Trichlorobenzene
Concen: 30.605 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion: 180 Resp: 244170
Ion Ratio Lower Upper
180 100
182 96.2 78.4 117.6
184 30.9 24.7 37.1
145 29.6 25.9 38.9

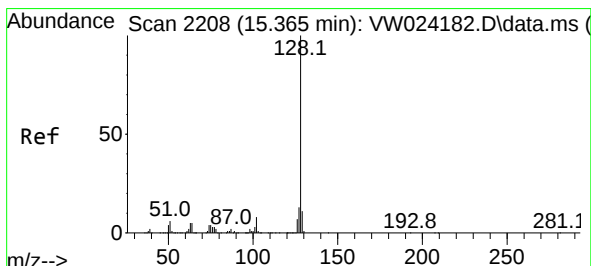
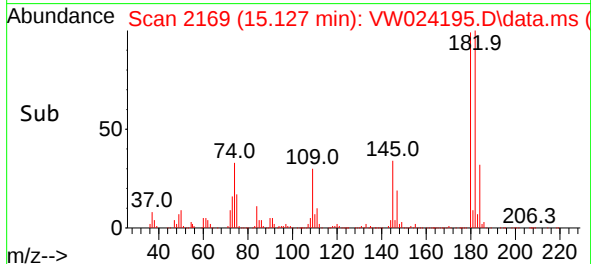
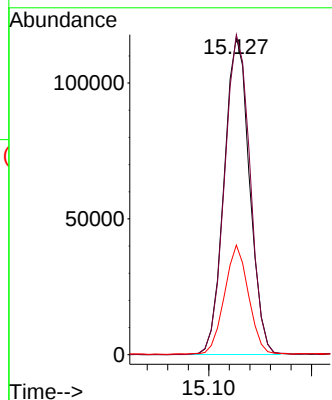
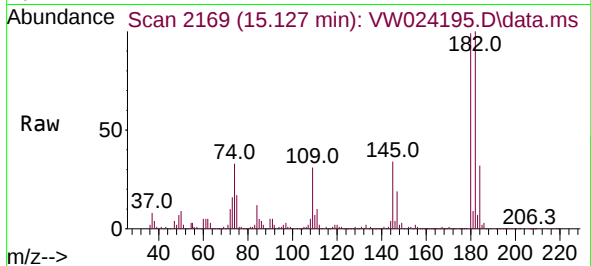




#70
1,2,4-trichlorobenzene
Concen: 31.329 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

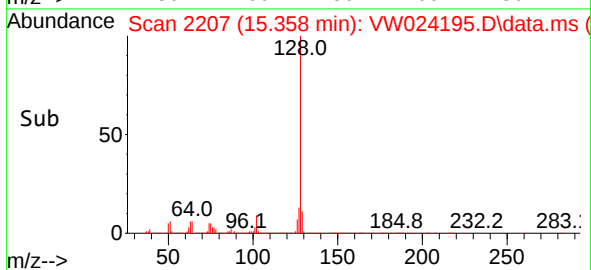
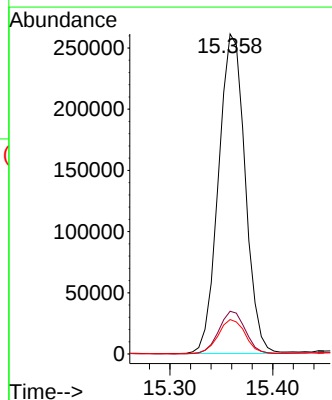
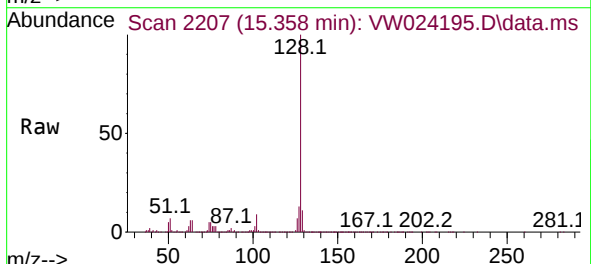
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

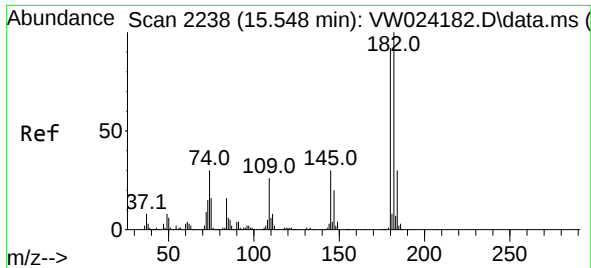
Tgt Ion:180 Resp: 200165
Ion Ratio Lower Upper
180 100
182 101.2 75.0 112.4
145 32.4 25.1 37.7



#71
Naphthalene
Concen: 37.763 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW024195.D
Acq: 05 Aug 2022 16:26

Tgt Ion:128 Resp: 469954
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 31.330 ug/L
 RT: 15.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024195.D
 Acq: 05 Aug 2022 16:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Tgt Ion:180 Resp: 182241
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 33.1 26.9 40.3

