

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024555.D
 Acq On : 06 Sep 2022 13:04
 Operator : SY/VA
 Sample : VSTD00532
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005432

Quant Time: Sep 07 04:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296903	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33404	5.449	ug/L	0.00
7) Chloroethane-d5	2.873	69	25060	5.498	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	34501	5.336	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10886	10.559	ug/L	0.00
24) Chloroform-d	7.647	84	44430	5.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	23502	5.512	ug/L	0.00
32) Benzene-d6	8.268	84	80904	5.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	24025	5.460	ug/L	0.00
41) Toluene-d8	10.323	98	76151	5.234	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	10671	5.411	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7903	9.771	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22948	5.441	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	26281	5.305	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.995	85	7416	5.324	ug/L #	83
3) Chloromethane	2.209	50	25989	5.877	ug/L	94
5) Vinyl chloride	2.349	62	45898	6.156	ug/L	95
6) Bromomethane	2.763	94	29055	5.978	ug/L	90
8) Chloroethane	2.904	64	24313	5.994	ug/L	98
9) Trichlorofluoromethane	3.245	101	23842	5.531	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	22365	5.632	ug/L #	87
12) 1,1-Dichloroethene	4.031	96	18029	5.311	ug/L	80
13) Acetone	4.123	43	8084	9.774	ug/L	85
14) Carbon disulfide	4.373	76	52372	5.831	ug/L	100
15) Methyl Acetate	4.678	43	9816	5.433	ug/L #	80
16) Methylene chloride	4.909	84	34164	7.711	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	21798	5.615	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	37051	5.351	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	39624	5.601	ug/L	97
20) cis-1,2-Dichloroethene	7.159	96	24133	5.532	ug/L #	99
22) 2-Butanone	7.171	43	15092	11.103	ug/L	82
23) Bromochloromethane	7.513	128	11026	5.463	ug/L	89
25) Chloroform	7.677	83	44917	5.716	ug/L	94
27) 1,2-Dichloroethane	8.396	62	29605	5.605	ug/L	100
29) Cyclohexane	7.951	56	31950	5.439	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	34525	5.188	ug/L #	50
31) Carbon tetrachloride	8.067	117	32193	5.297	ug/L	95
33) Benzene	8.317	78	96253	5.589	ug/L	100
34) Trichloroethene	9.091	95	23683	5.266	ug/L	96
35) Methylcyclohexane	9.335	83	36027	5.007	ug/L	96
37) 1,2-Dichloropropane	9.366	63	22996	5.347	ug/L #	96
38) Bromodichloromethane	9.640	83	32776	5.392	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	30700	4.882	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	27161	9.573	ug/L	98
42) Toluene	10.384	91	97267	5.123	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	29119	4.902	ug/L	98

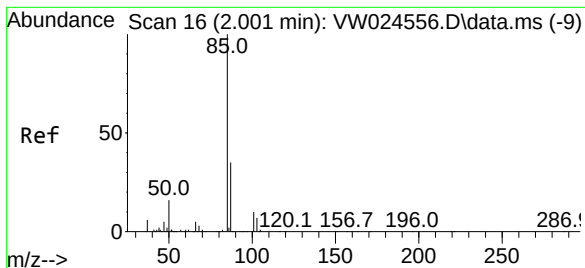
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024555.D
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Quant Time: Sep 07 04:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	19027	5.293	ug/L	97
46) Tetrachloroethene	10.859	164	16894	5.098	ug/L	94
48) 2-Hexanone	10.963	43	17881	9.190	ug/L	99
49) Dibromochloromethane	11.128	129	20875	4.968	ug/L	88
50) 1,2-Dibromoethane	11.231	107	17394	4.986	ug/L	94
51) Chlorobenzene	11.658	112	67145	5.119	ug/L	97
52) Ethylbenzene	11.731	91	109710	5.090	ug/L	94
53) m,p-Xylene	11.835	106	41789	4.962	ug/L	86
54) o-Xylene	12.164	106	39729	4.955	ug/L	96
55) Styrene	12.176	104	69009	4.890	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23306	5.121	ug/L	90
59) Bromoform	12.347	173	10204	4.489	ug/L #	95
60) Isopropylbenzene	12.463	105	103764	4.900	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16816	5.197	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	86773	4.935	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	83639	4.779	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	47161	4.943	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	51864	5.157	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	45075	5.066	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3902	5.097	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	29454	4.753	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	22473	4.570	ug/L	99
71) Naphthalene	15.365	128	43270	3.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	20601	4.503	ug/L	98

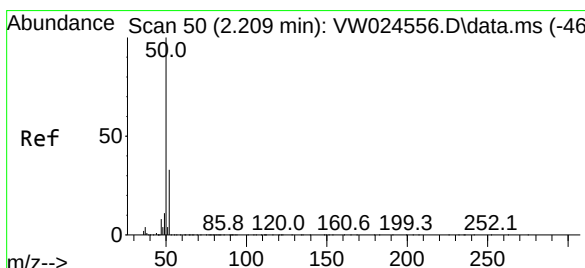
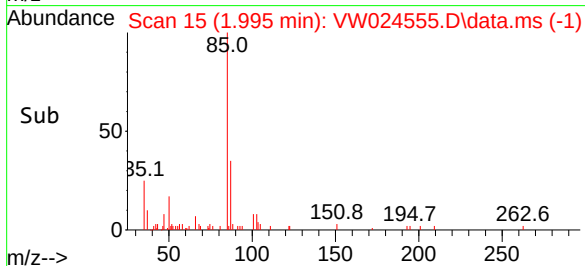
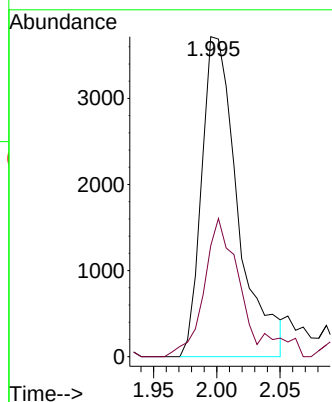
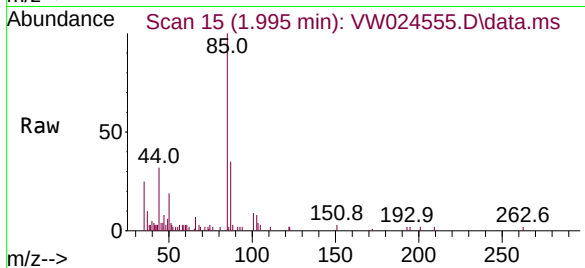
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.324 ug/L
RT: 1.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

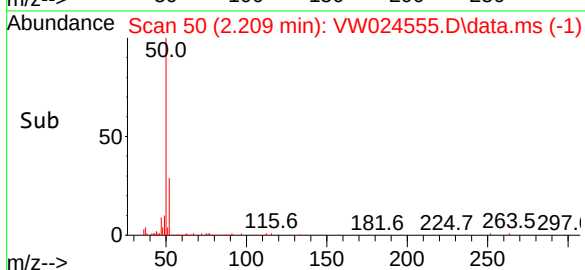
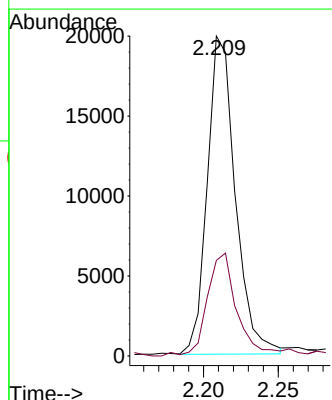
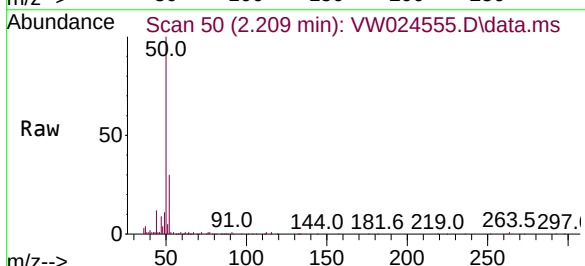
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

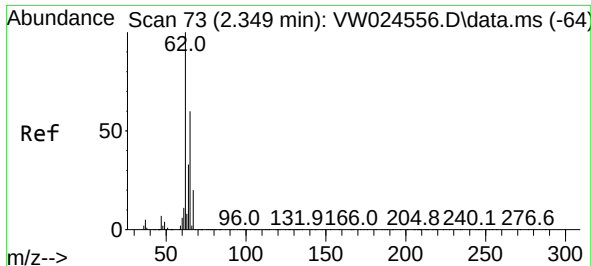
Tgt Ion: 85 Resp: 7416
Ion Ratio Lower Upper
85 100
87 39.6 24.2 36.2#



#3
Chloromethane
Concen: 5.877 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 50 Resp: 25989
Ion Ratio Lower Upper
50 100
52 29.8 23.3 43.3

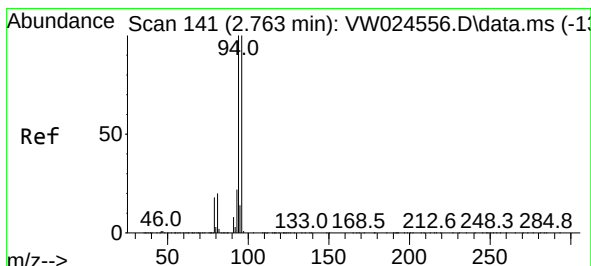
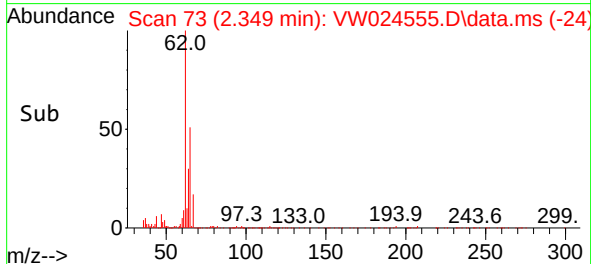
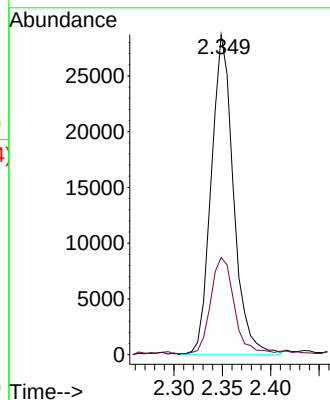
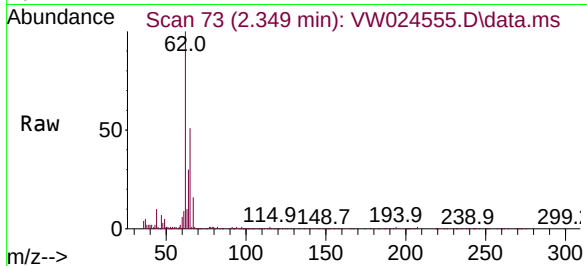




#5
 Vinyl chloride
 Concen: 6.156 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024555.D
 Acq: 06 Sep 2022 13:04

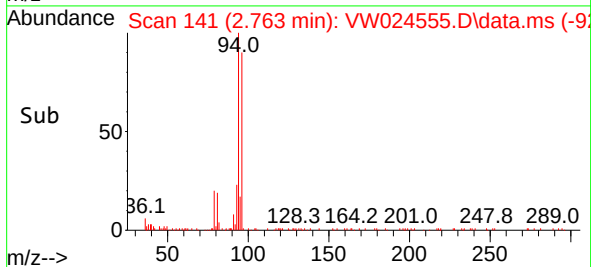
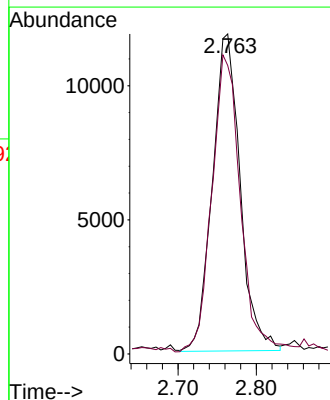
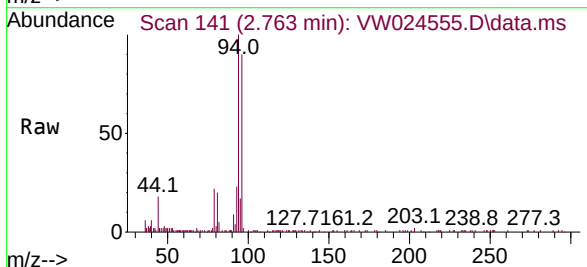
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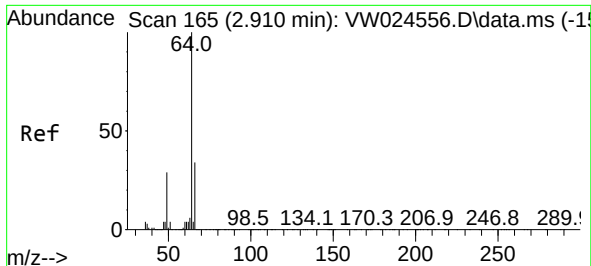
Tgt Ion: 62 Resp: 45898
 Ion Ratio Lower Upper
 62 100
 64 30.3 23.3 43.3



#6
 Bromomethane
 Concen: 5.978 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024555.D
 Acq: 06 Sep 2022 13:04

Tgt Ion: 94 Resp: 29055
 Ion Ratio Lower Upper
 94 100
 96 90.1 69.8 129.6

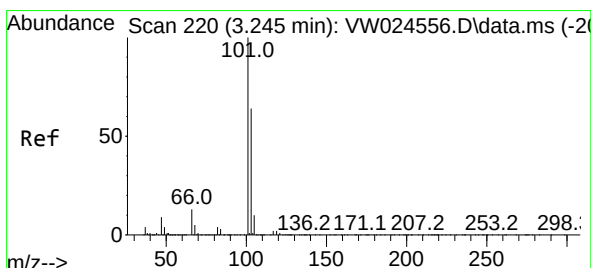
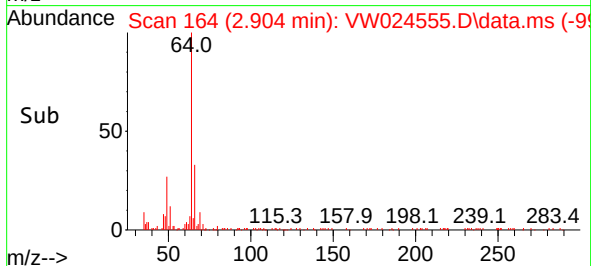
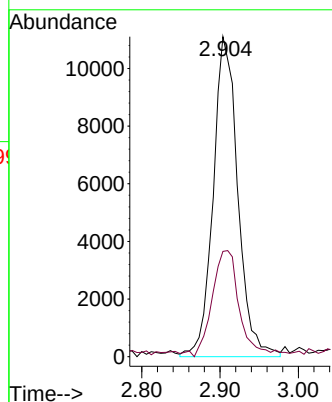
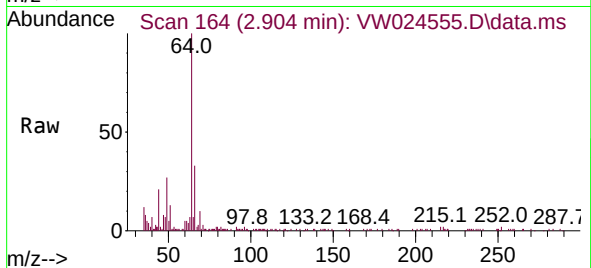




#8
Chloroethane
Concen: 5.994 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

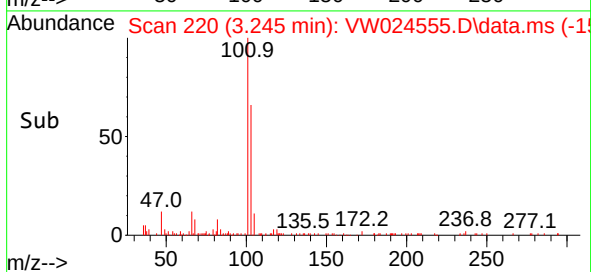
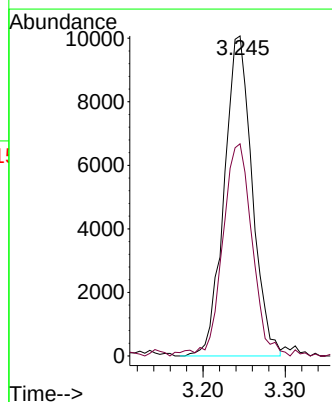
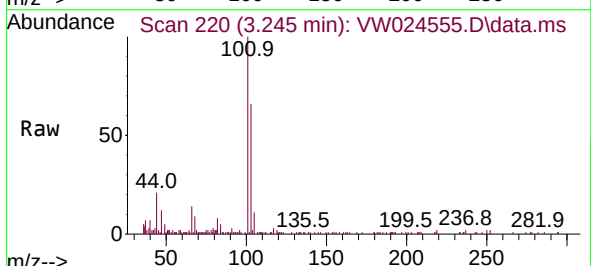
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VSTD005432

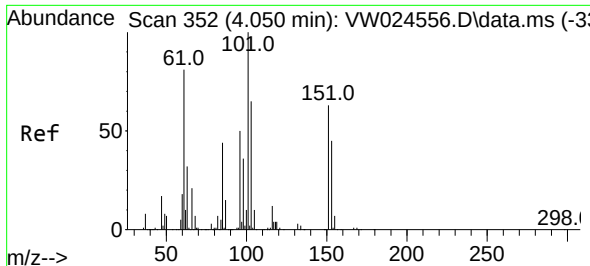
Tgt Ion: 64 Resp: 24313
Ion Ratio Lower Upper
64 100
66 32.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.531 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 101 Resp: 23842
Ion Ratio Lower Upper
101 100
103 67.7 52.5 78.7

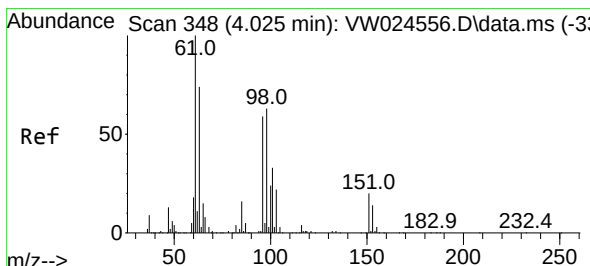
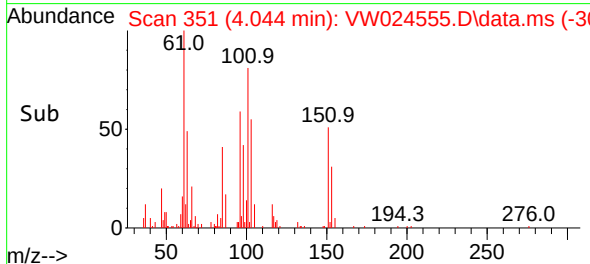
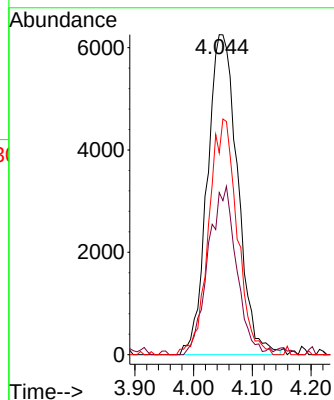
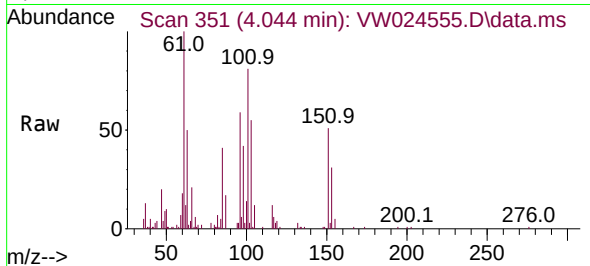




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.632 ug/L
 RT: 4.044 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW024555.D
 Acq: 06 Sep 2022 13:04

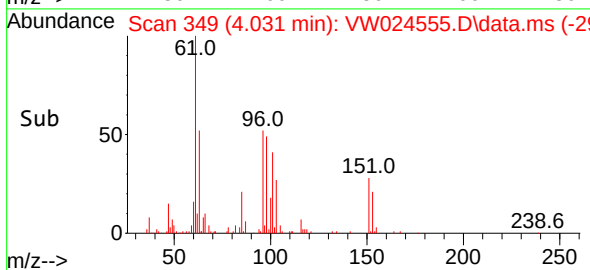
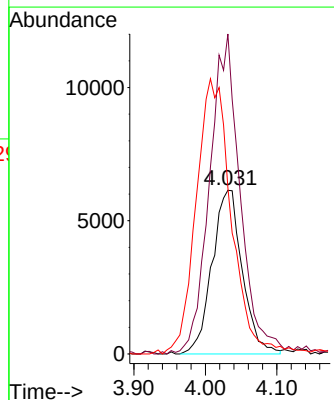
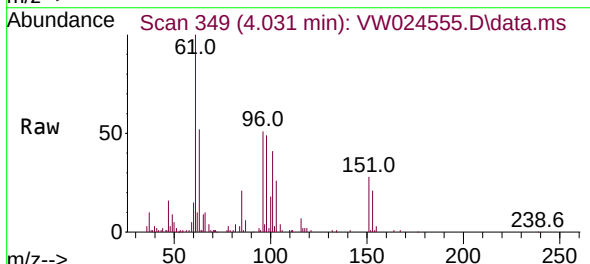
Instrument :
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 ClientSampleId :
 VSTD005432

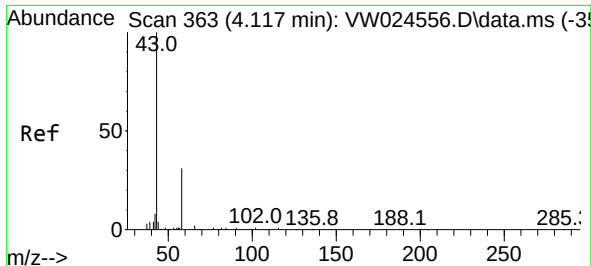
Tgt Ion: 101 Resp: 22365
 Ion Ratio Lower Upper
 101 100
 85 49.0 21.8 32.8#
 151 69.0 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 5.311 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024555.D
 Acq: 06 Sep 2022 13:04

Tgt Ion: 96 Resp: 18029
 Ion Ratio Lower Upper
 96 100
 61 195.6 119.8 222.6
 63 101.7 89.6 166.4





#13

Acetone

Concen: 9.774 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

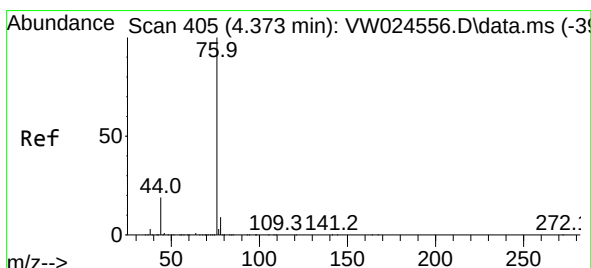
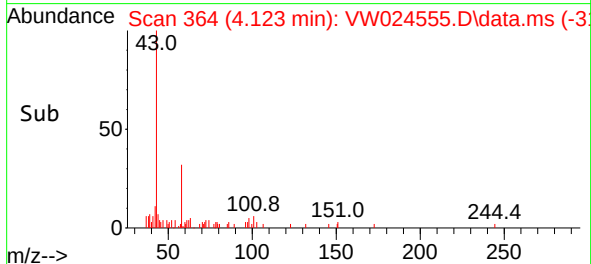
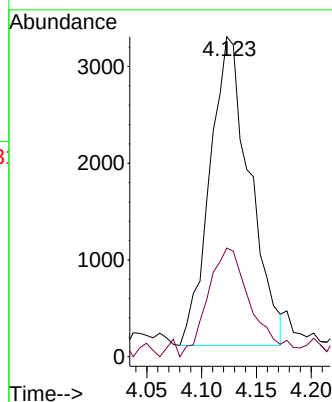
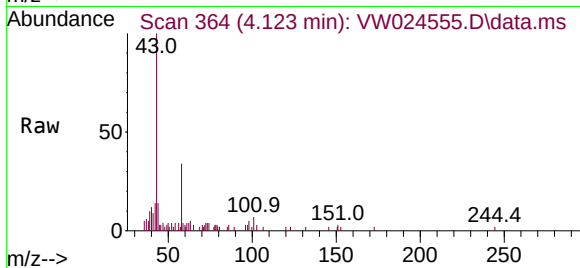
VSTD005432

Tgt Ion: 43 Resp: 8084

Ion Ratio Lower Upper

43 100

58 37.0 0.0 57.8



#14

Carbon disulfide

Concen: 5.831 ug/L

RT: 4.373 min Scan# 405

Delta R.T. 0.000 min

Lab File: VW024555.D

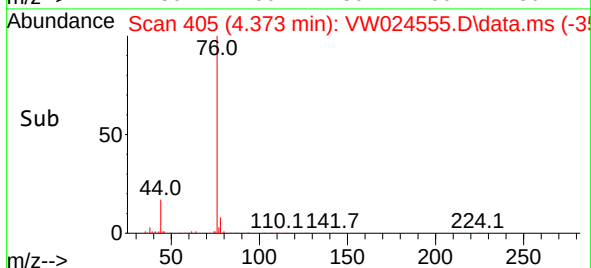
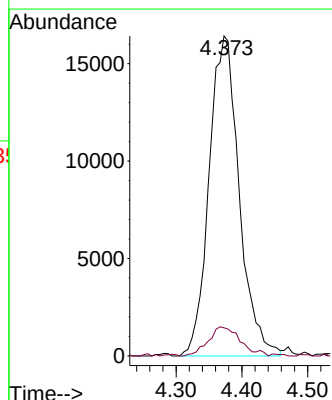
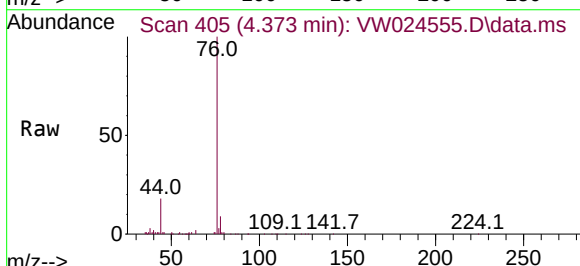
Acq: 06 Sep 2022 13:04

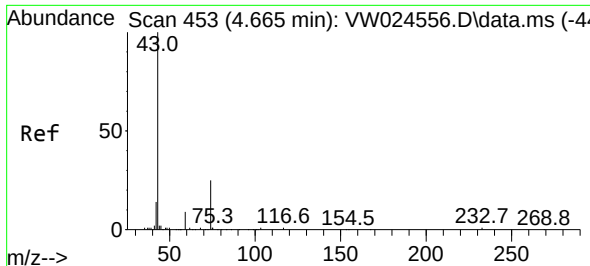
Tgt Ion: 76 Resp: 52372

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

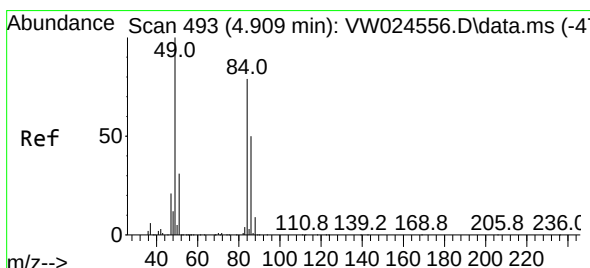
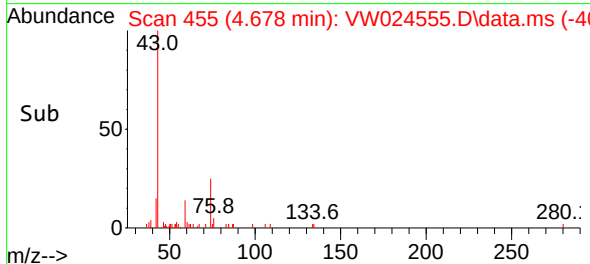
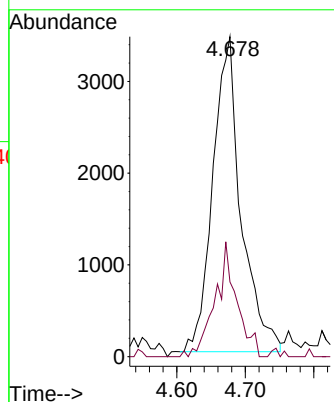
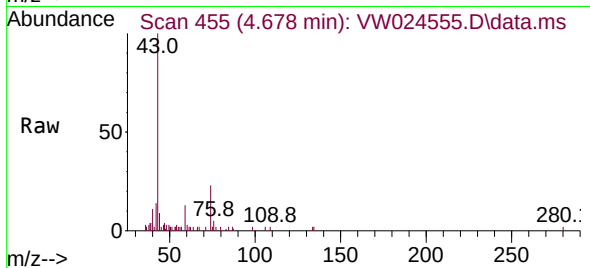




#15
Methyl Acetate
Concen: 5.433 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

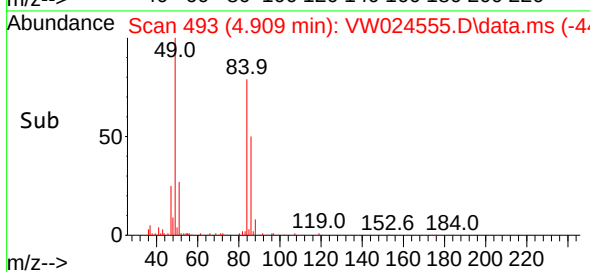
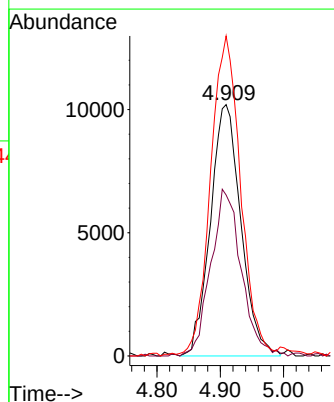
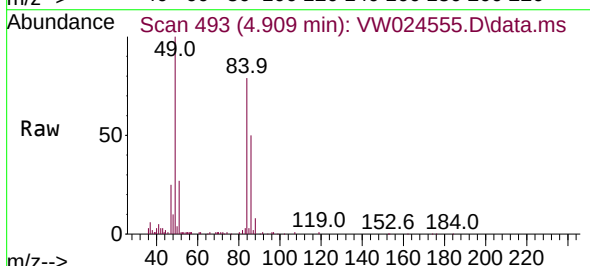
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MSVOA_W
ClientSampleId :
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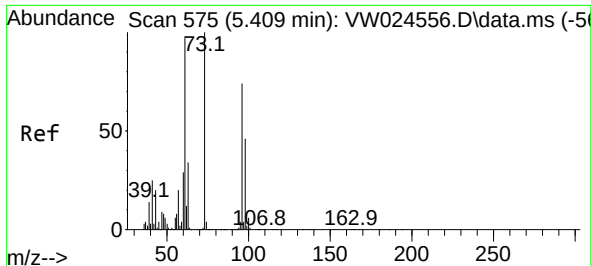
Tgt Ion: 43 Resp: 9816
Ion Ratio Lower Upper
43 100
74 14.7 19.9 29.9#



#16
Methylene chloride
Concen: 7.711 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 84 Resp: 34164
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.5
49 127.3 88.5 164.3

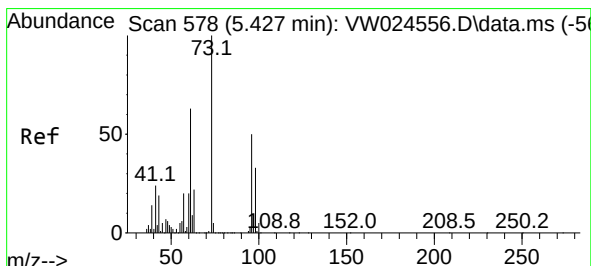
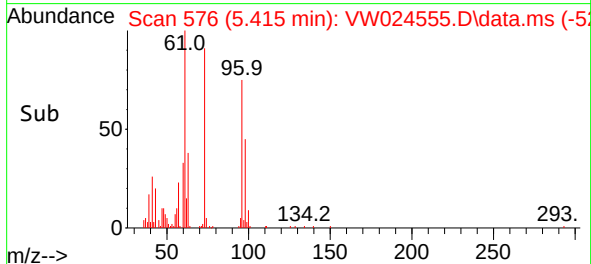
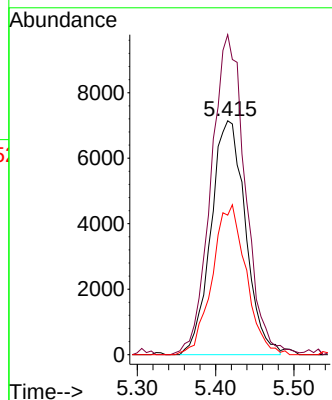
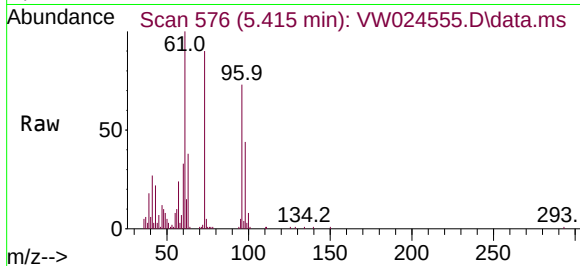




#17
trans-1,2-Dichloroethene
Concen: 5.615 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

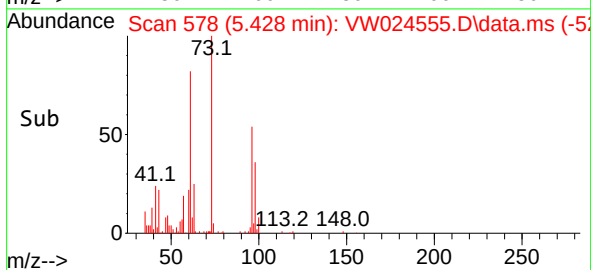
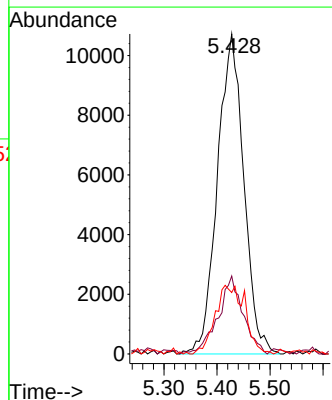
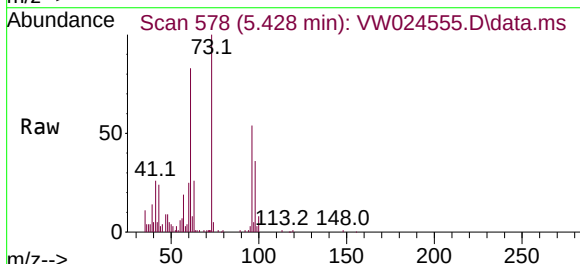
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

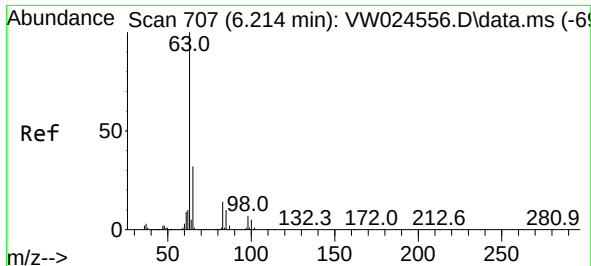
Tgt Ion: 96 Resp: 21798
Ion Ratio Lower Upper
96 100
61 136.8 91.7 170.3
98 59.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 5.351 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 73 Resp: 37051
Ion Ratio Lower Upper
73 100
43 22.9 16.7 25.1
57 13.8 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 5.601 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

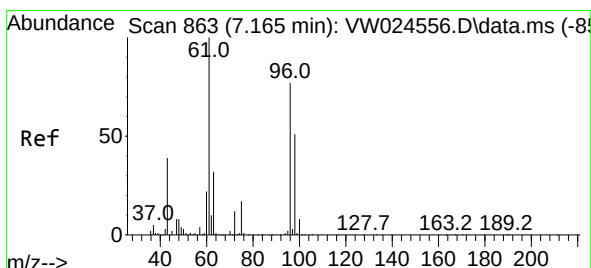
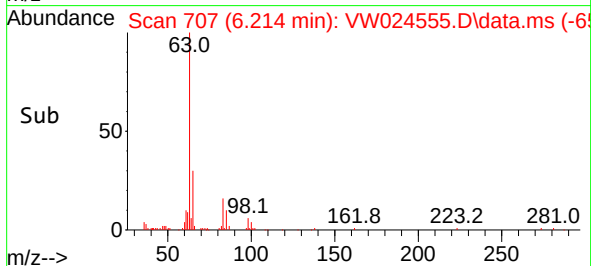
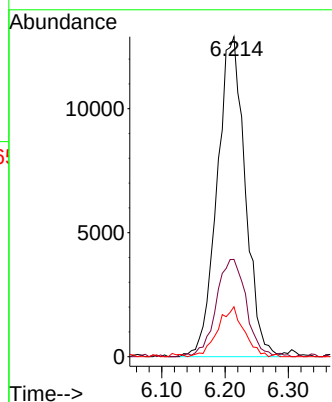
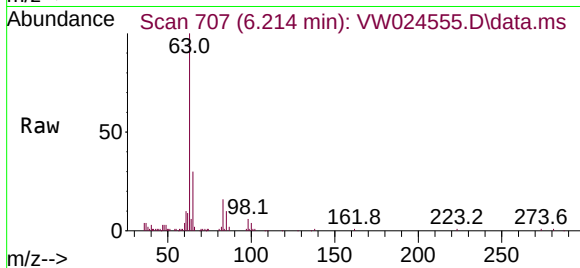
Tgt Ion: 63 Resp: 39624

Ion Ratio Lower Upper

63 100

65 30.4 22.0 41.0

83 15.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.532 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

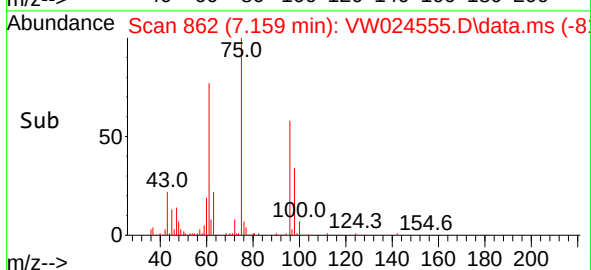
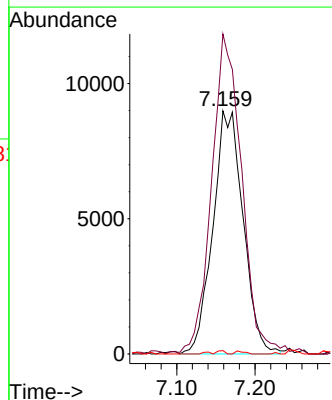
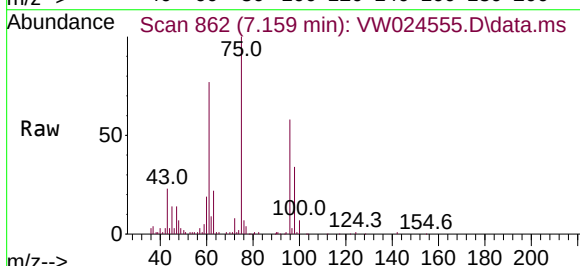
Tgt Ion: 96 Resp: 24133

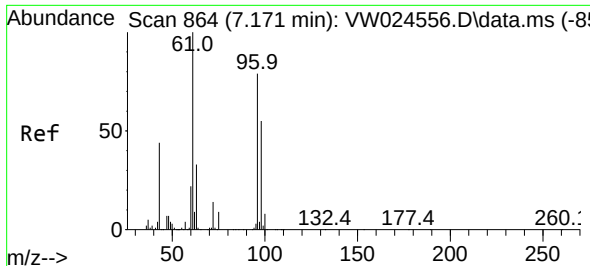
Ion Ratio Lower Upper

96 100

61 131.7 91.2 169.4

68 1.4 0.0 0.0#

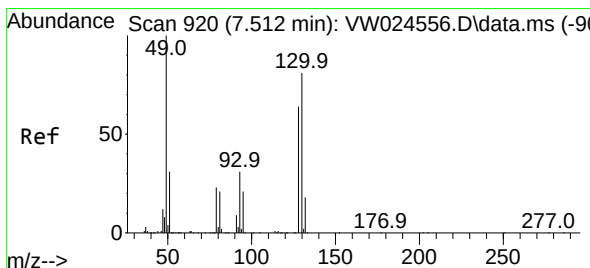
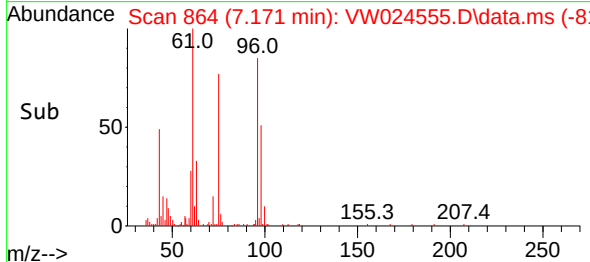
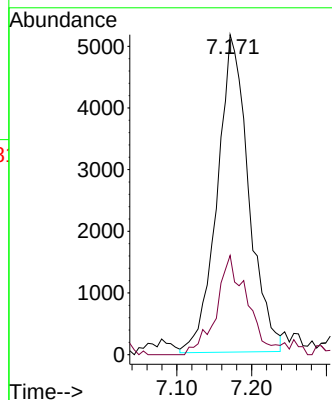
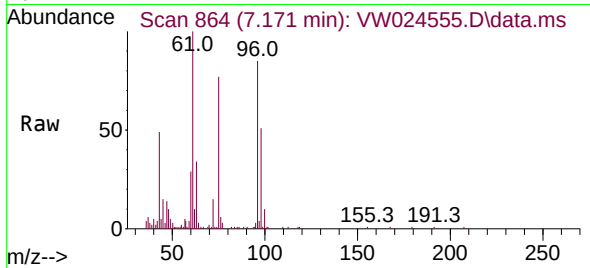




#22
2-Butanone
Concen: 11.103 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

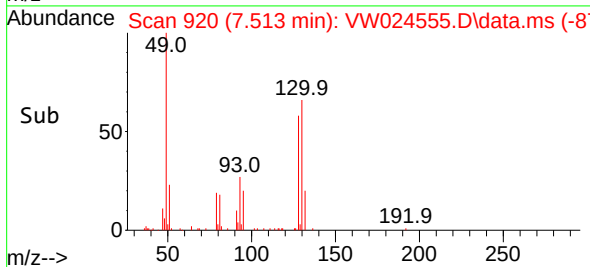
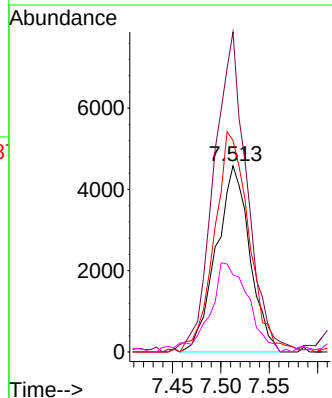
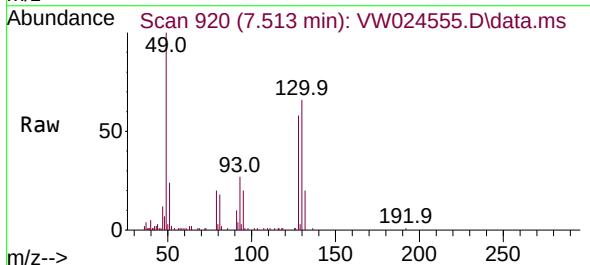
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

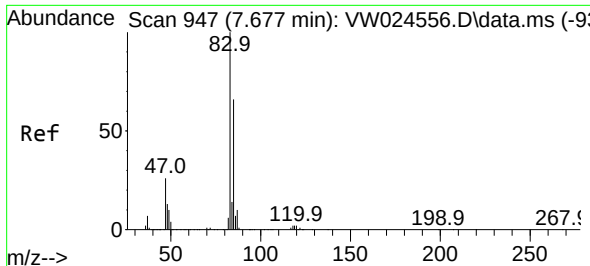
Tgt Ion: 43 Resp: 15092
Ion Ratio Lower Upper
43 100
72 21.0 15.4 46.4



#23
Bromochloromethane
Concen: 5.463 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 128 Resp: 11026
Ion Ratio Lower Upper
128 100
49 171.9 110.0 204.2
130 113.6 88.3 163.9
51 41.4 39.2 58.8

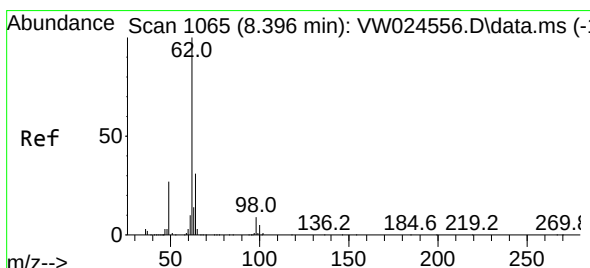
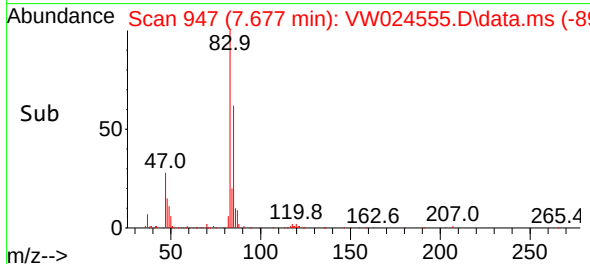
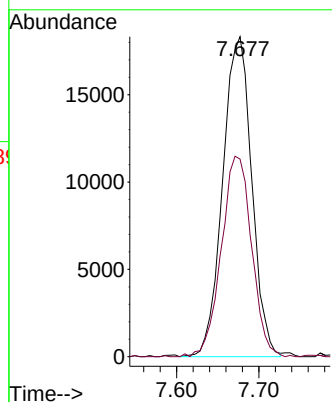
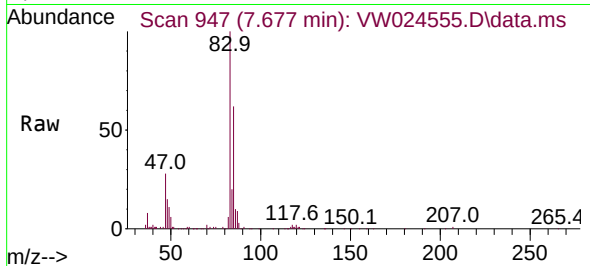




#25
Chloroform
Concen: 5.716 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

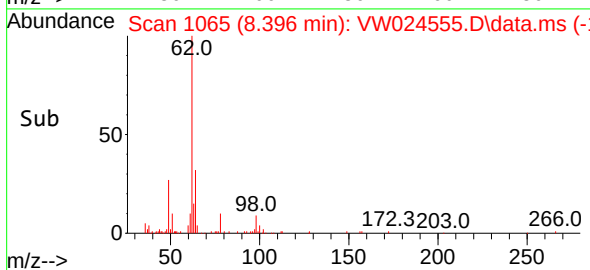
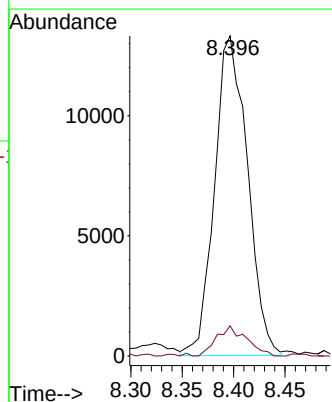
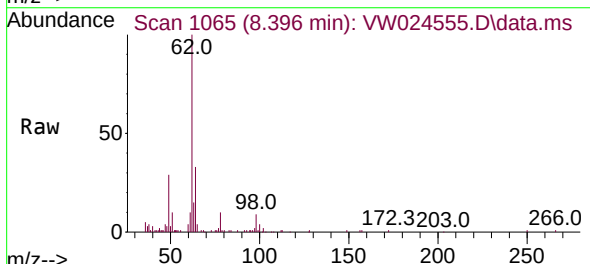
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

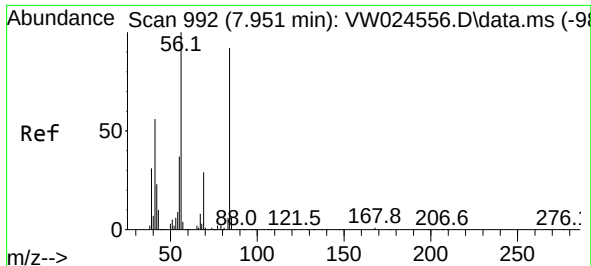
Tgt Ion: 83 Resp: 44917
Ion Ratio Lower Upper
83 100
85 61.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.605 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 62 Resp: 29605
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 5.439 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

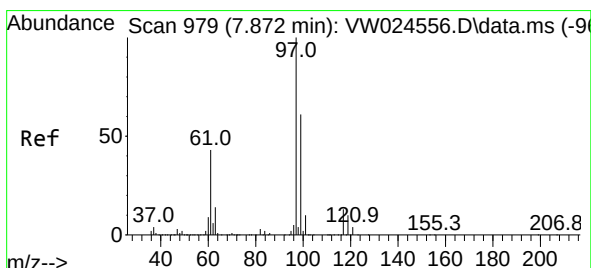
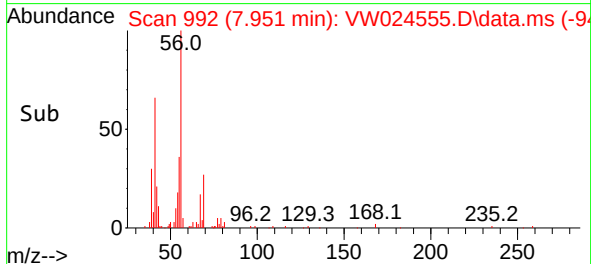
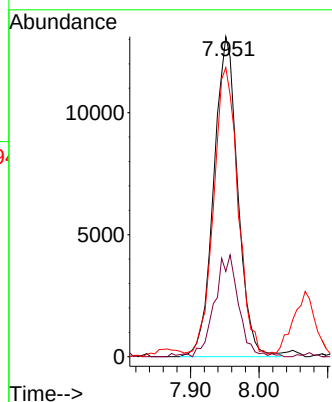
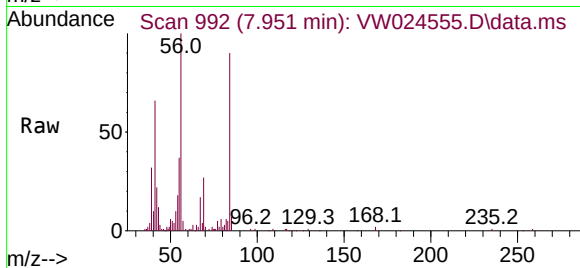
Tgt Ion: 56 Resp: 31950

Ion Ratio Lower Upper

56 100

69 31.1 24.5 36.7

84 92.8 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 5.188 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

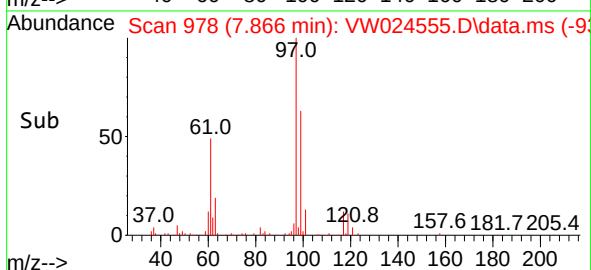
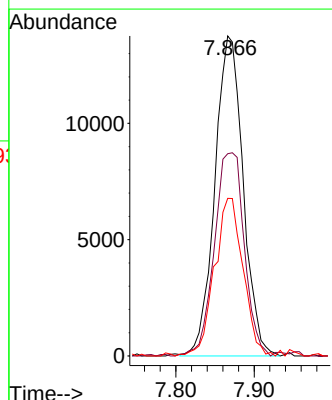
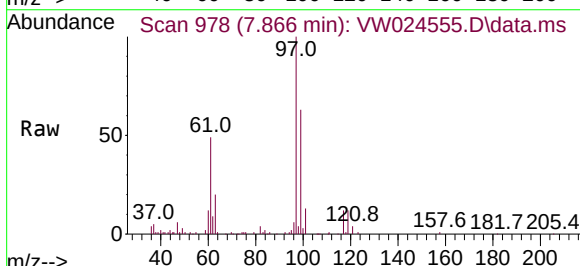
Tgt Ion: 97 Resp: 34525

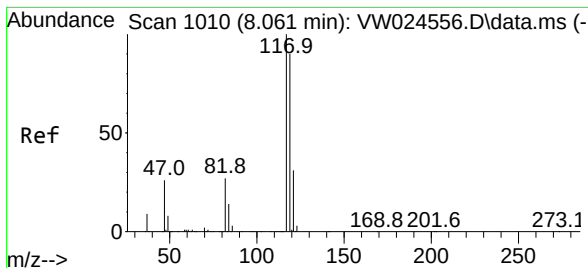
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3

61 49.6 37.2 55.8

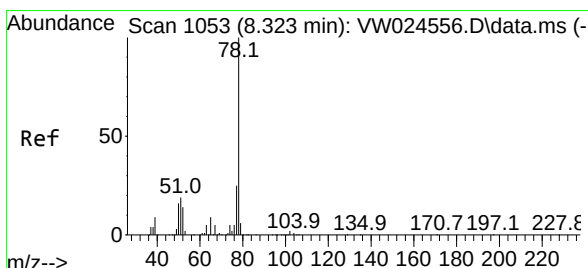
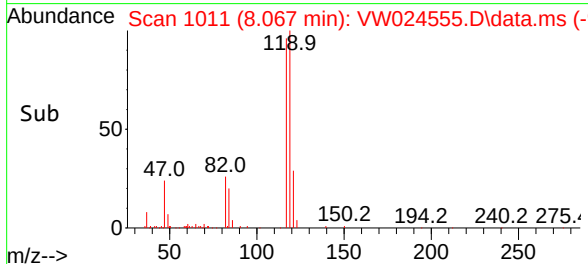
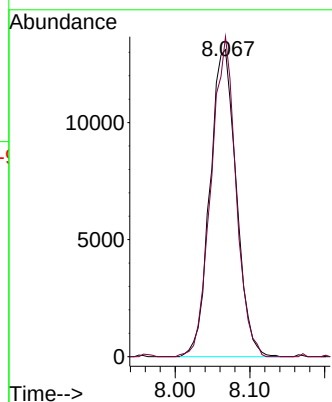
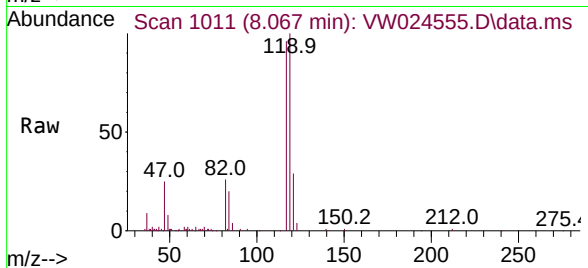




#31
Carbon tetrachloride
Concen: 5.297 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

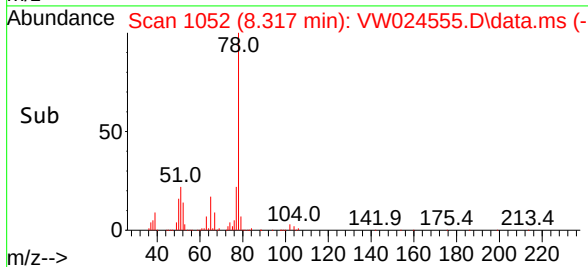
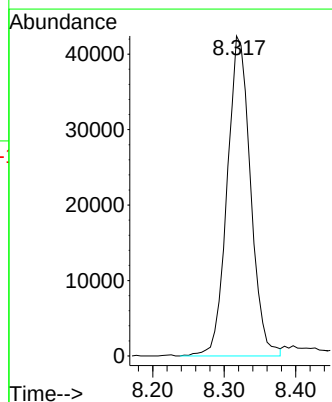
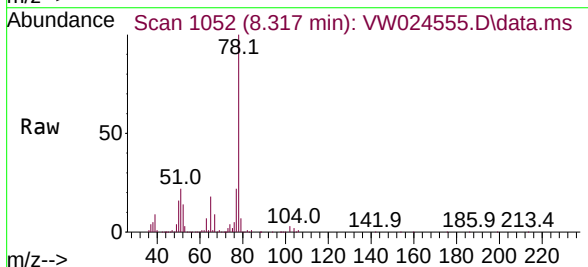
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

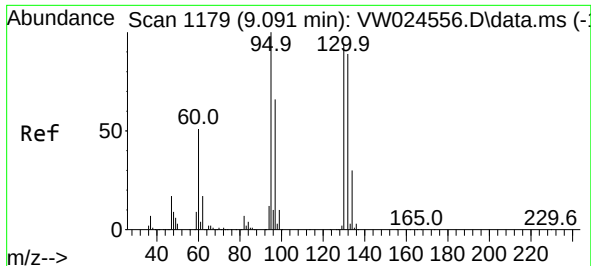
Tgt Ion:117 Resp: 32193
Ion Ratio Lower Upper
117 100
119 98.2 74.4 111.6



#33
Benzene
Concen: 5.589 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 78 Resp: 96253





#34

Trichloroethene

Concen: 5.266 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

Tgt Ion: 95 Resp: 23683

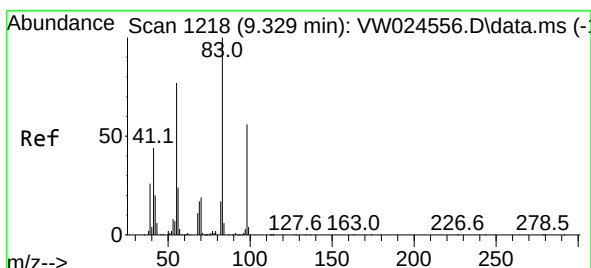
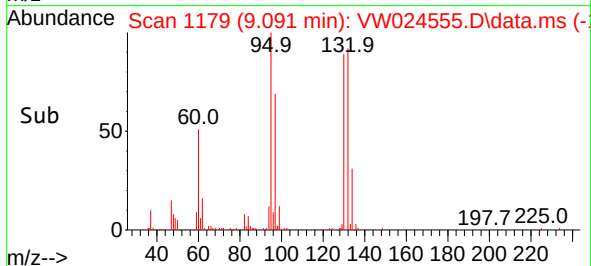
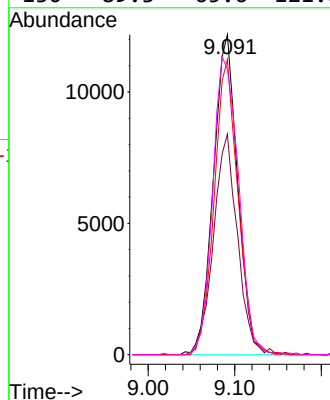
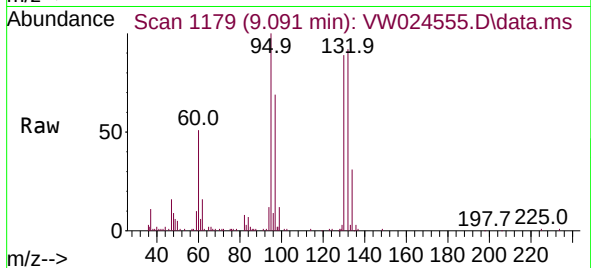
Ion Ratio Lower Upper

95 100

97 68.9 45.9 85.3

132 92.2 62.6 116.2

130 89.3 65.6 121.8



#35

Methylcyclohexane

Concen: 5.007 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

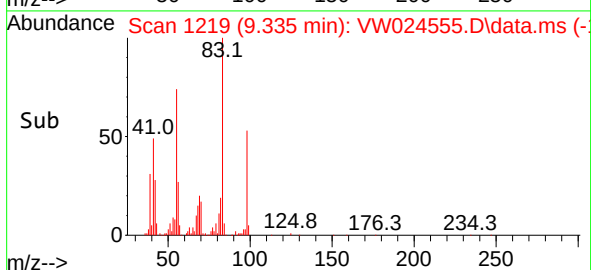
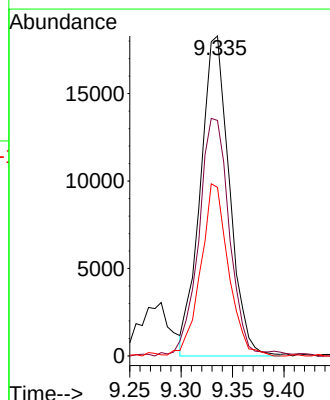
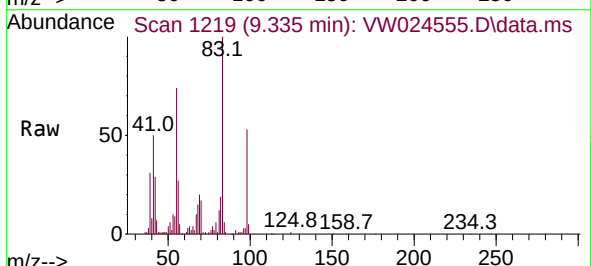
Tgt Ion: 83 Resp: 36027

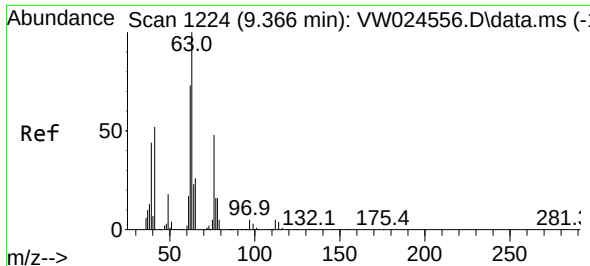
Ion Ratio Lower Upper

83 100

55 76.5 57.3 85.9

98 51.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 5.347 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

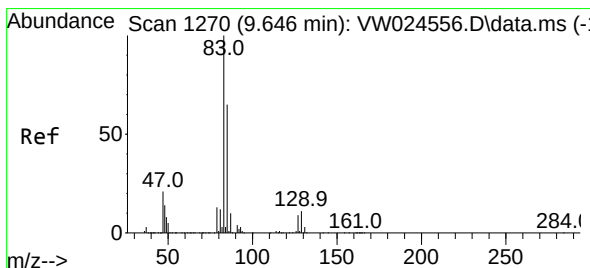
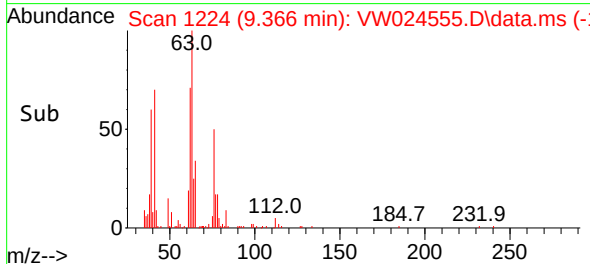
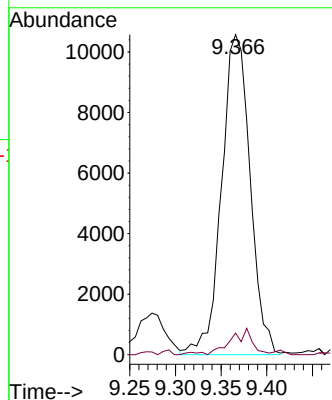
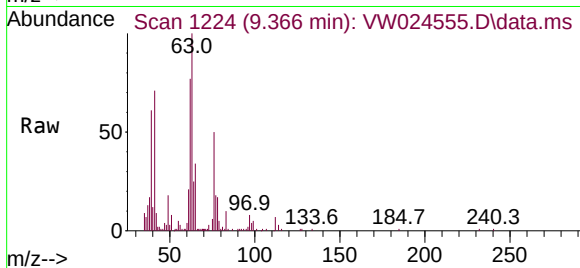
VSTD005432

Tgt Ion: 63 Resp: 22996

Ion Ratio Lower Upper

63 100

112 3.5 3.9 5.9#



#38

Bromodichloromethane

Concen: 5.392 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

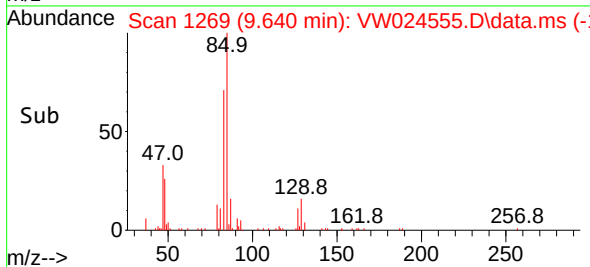
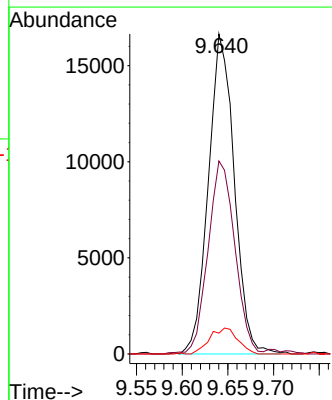
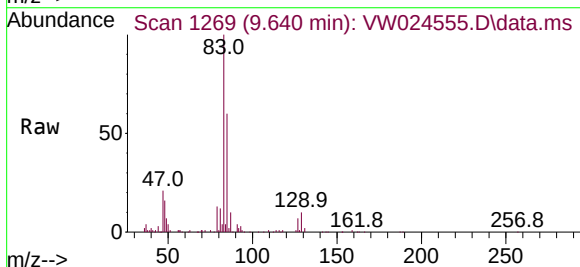
Tgt Ion: 83 Resp: 32776

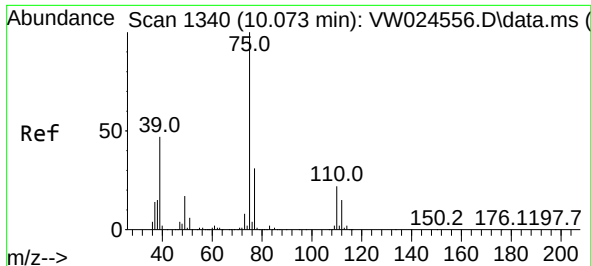
Ion Ratio Lower Upper

83 100

85 60.3 45.1 83.9

127 6.5 7.3 10.9#





#39

cis-1,3-Dichloropropene

Concen: 4.882 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

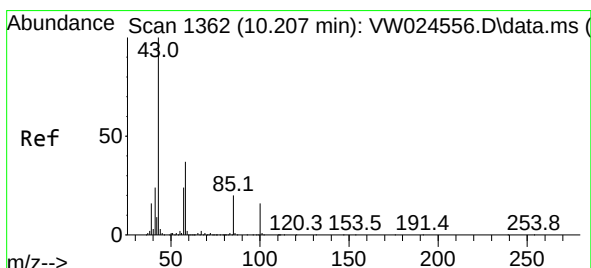
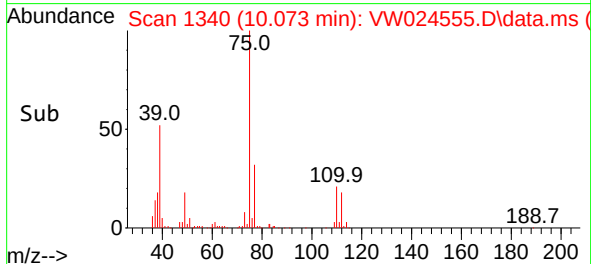
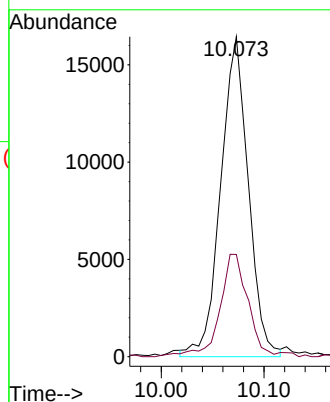
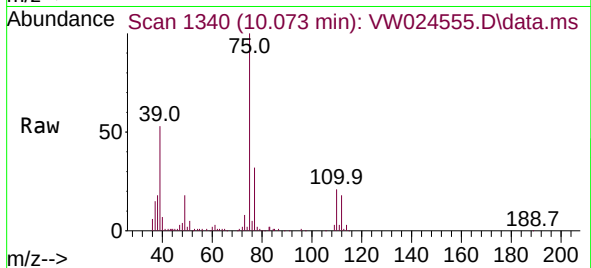
VSTD005432

Tgt Ion: 75 Resp: 30700

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 9.573 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

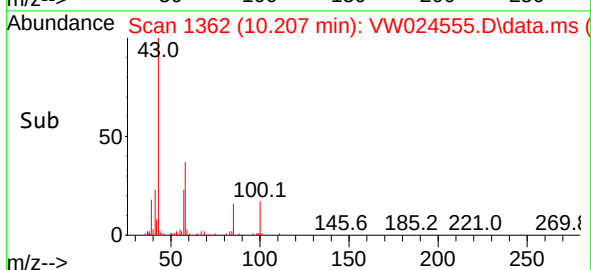
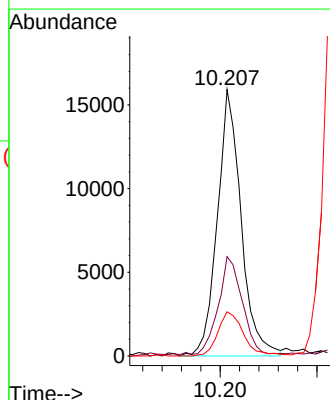
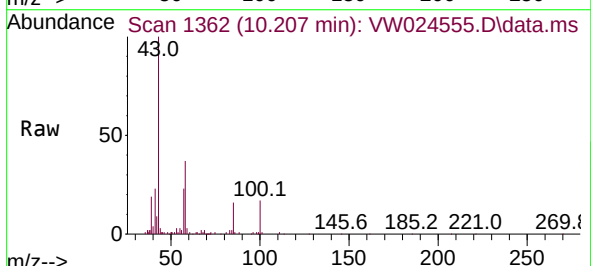
Tgt Ion: 43 Resp: 27161

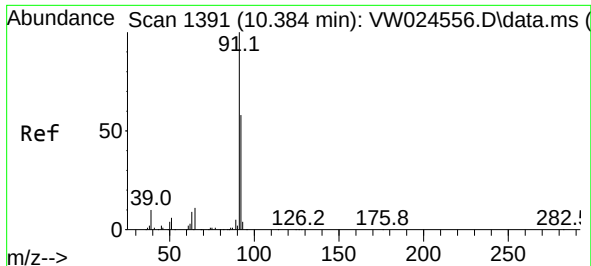
Ion Ratio Lower Upper

43 100

58 38.0 30.9 46.3

100 17.9 13.3 19.9

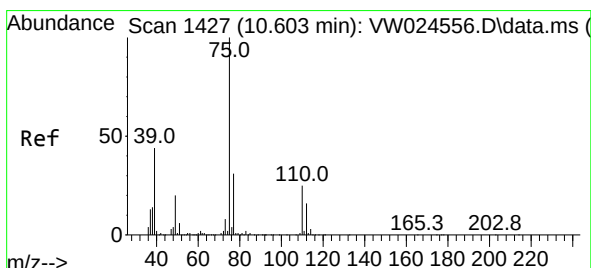
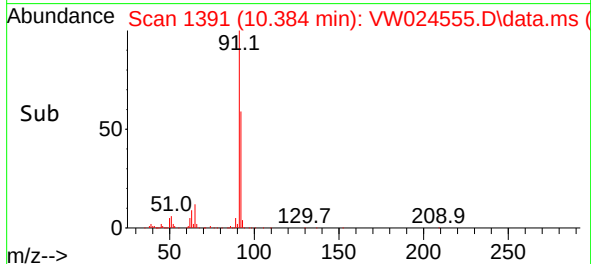
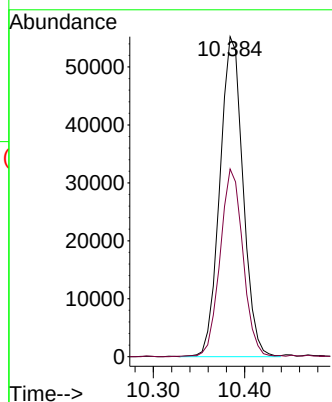
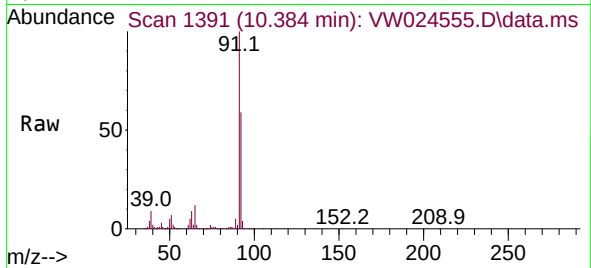




#42
Toluene
Concen: 5.123 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

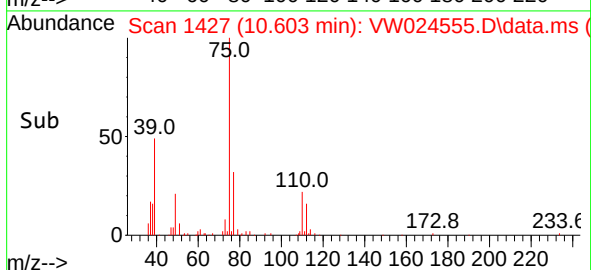
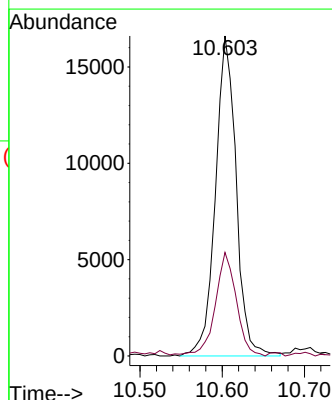
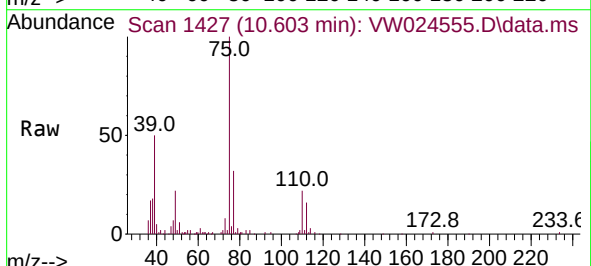
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

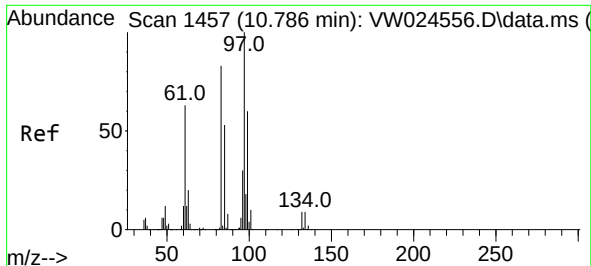
Tgt Ion: 91 Resp: 97267
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.902 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 75 Resp: 29119
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

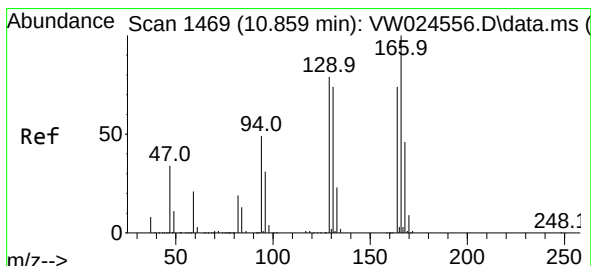
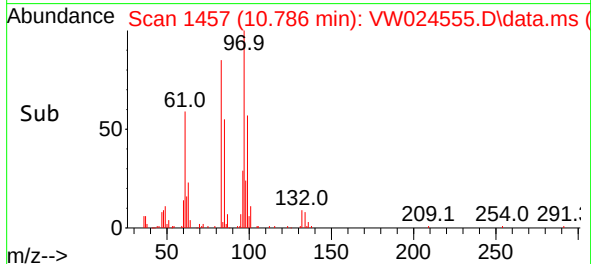
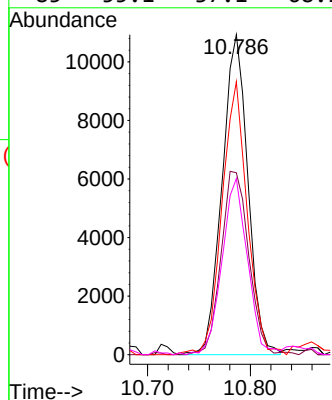
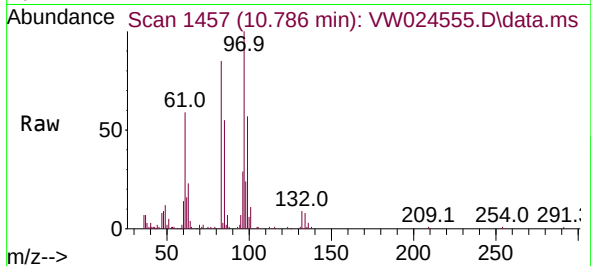




#45
1,1,2-Trichloroethane
Concen: 5.293 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

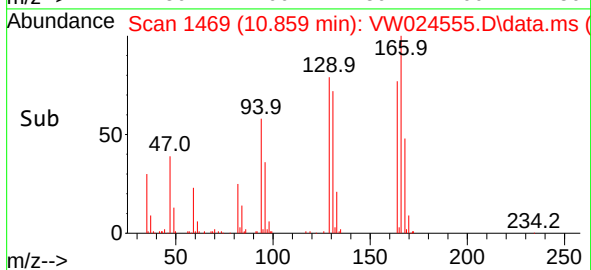
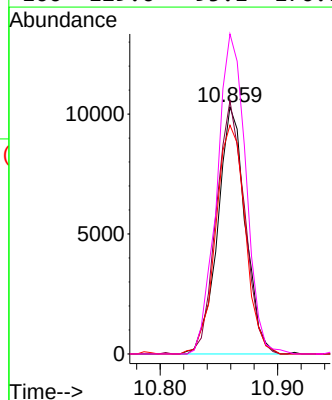
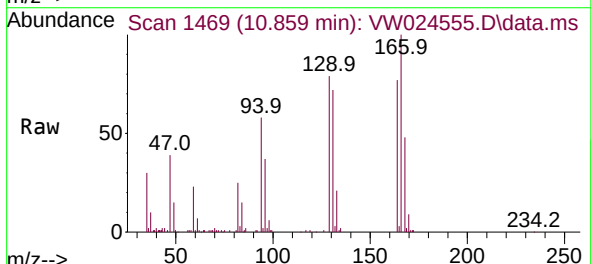
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

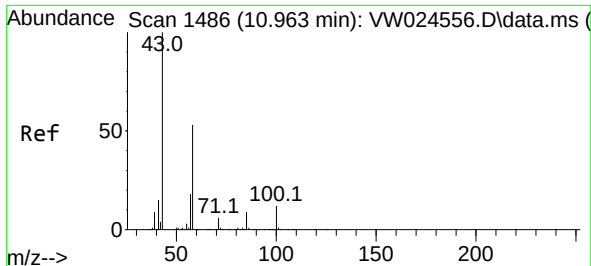
Tgt Ion:	97	Resp:	19027
Ion	Ratio	Lower	Upper
97	100		
99	56.9	41.9	77.9
83	85.3	58.2	108.0
85	55.1	37.1	68.9



#46
Tetrachloroethene
Concen: 5.098 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion:	164	Resp:	16894
Ion	Ratio	Lower	Upper
164	100		
129	102.6	75.0	139.2
131	92.6	70.1	130.1
166	129.6	95.1	176.7

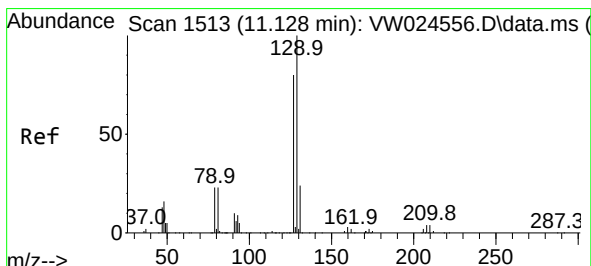
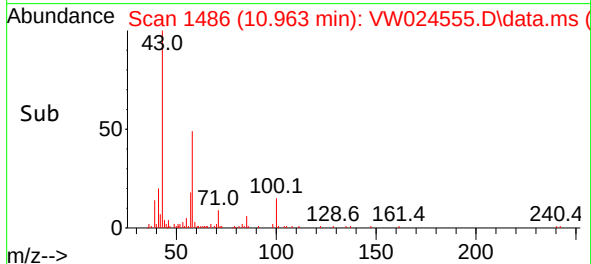
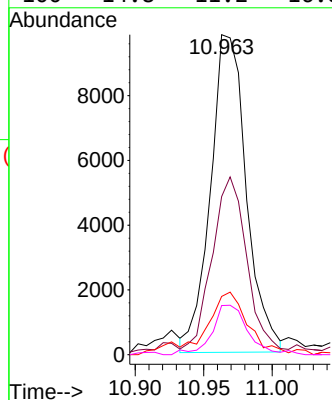
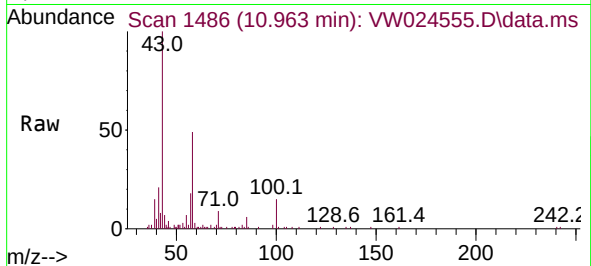




#48
2-Hexanone
Concen: 9.190 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

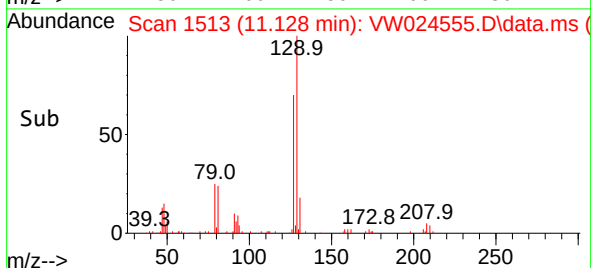
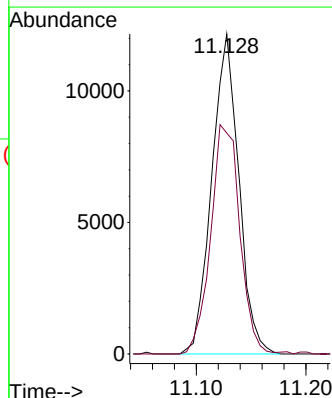
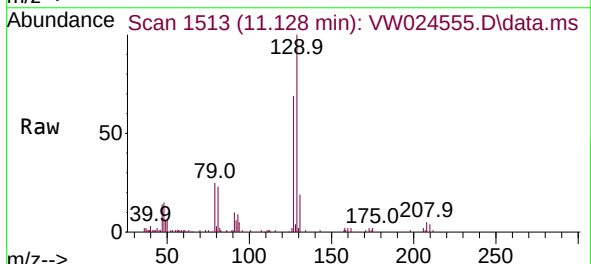
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

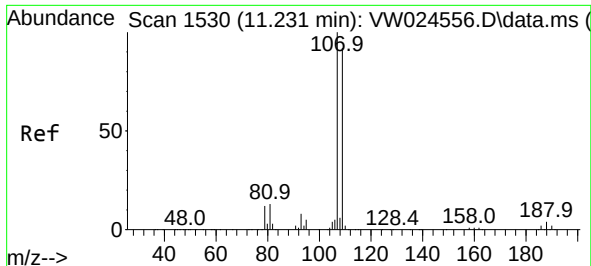
Tgt Ion: 43	Resp: 17881
Ion Ratio	Lower Upper
43 100	
58 54.4	43.7 65.5
57 18.7	15.3 22.9
100 14.8	11.2 16.8



#49
Dibromochloromethane
Concen: 4.968 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion:129	Resp: 20875		
Ion Ratio	Lower	Upper	
129 100			
127 69.1	56.1	104.1	

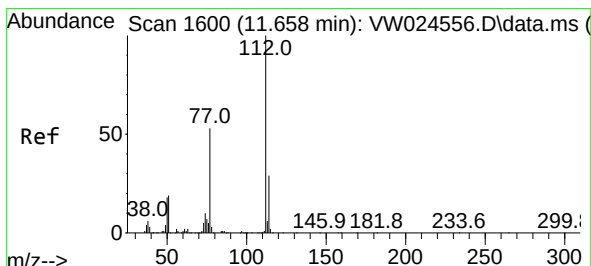
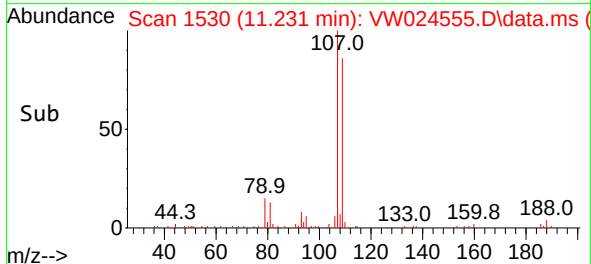
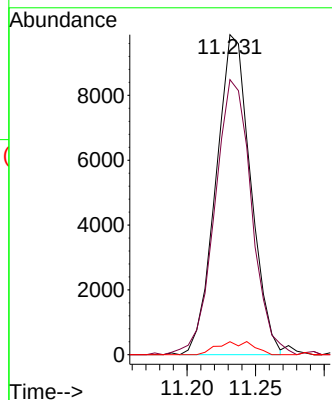
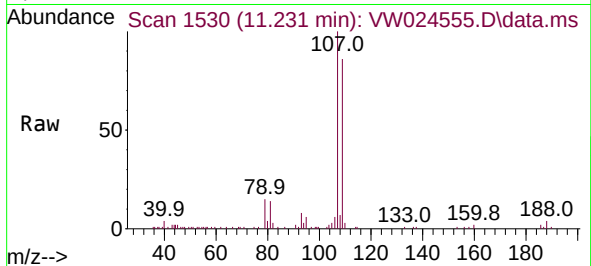




#50
1,2-Dibromoethane
Concen: 4.986 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

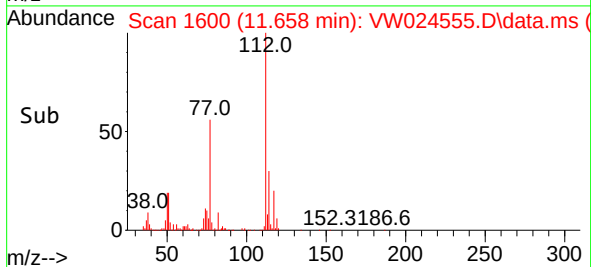
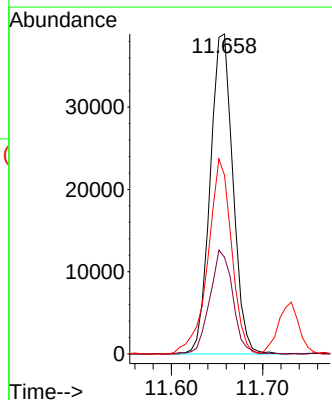
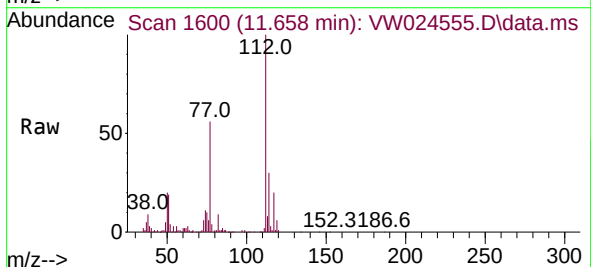
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

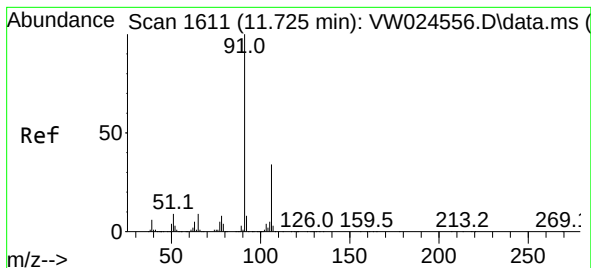
Tgt Ion:107 Resp: 17394
Ion Ratio Lower Upper
107 100
109 86.0 64.5 119.9
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 5.119 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion:112 Resp: 67145
Ion Ratio Lower Upper
112 100
114 30.2 20.0 37.2
77 55.8 42.6 63.8

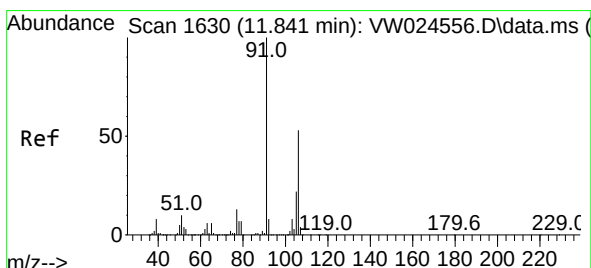
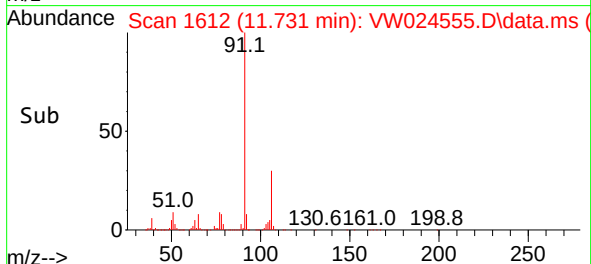
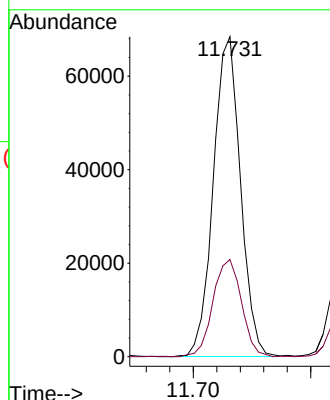
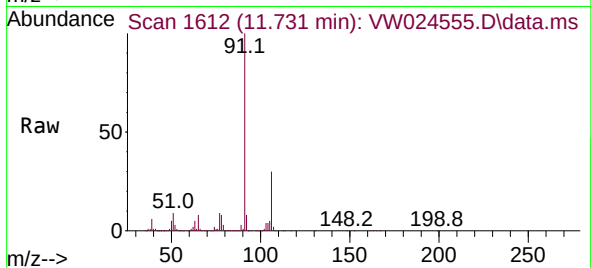




#52
Ethylbenzene
Concen: 5.090 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

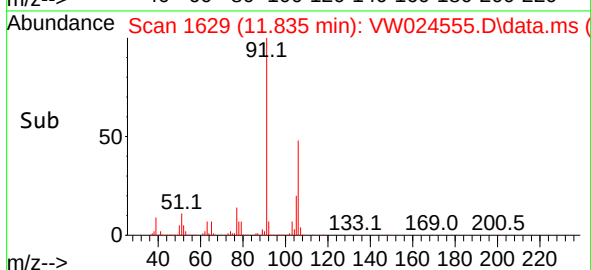
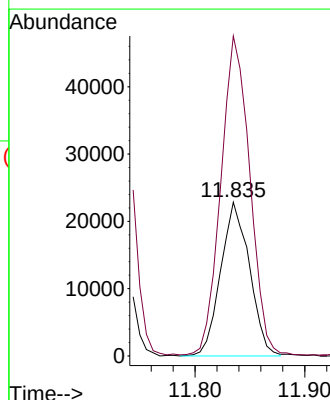
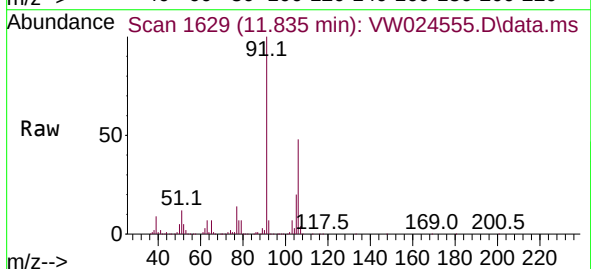
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

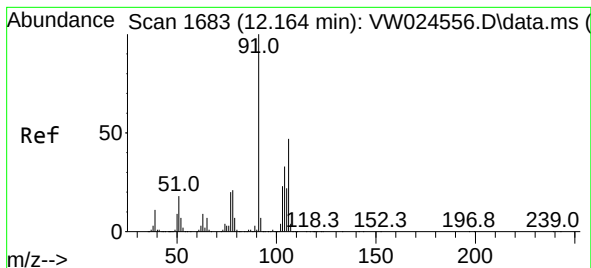
Tgt Ion: 91 Resp: 109710
Ion Ratio Lower Upper
91 100
106 30.4 23.8 44.2



#53
m,p-Xylene
Concen: 4.962 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 106 Resp: 41789
Ion Ratio Lower Upper
106 100
91 208.1 131.3 243.8

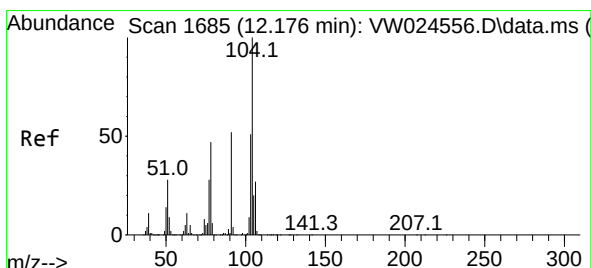
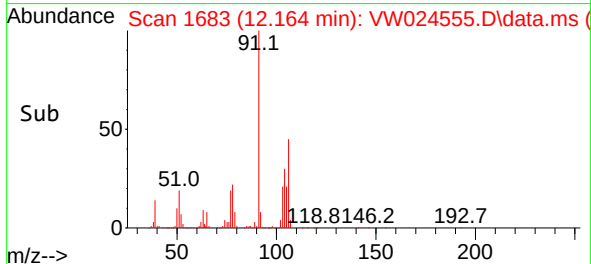
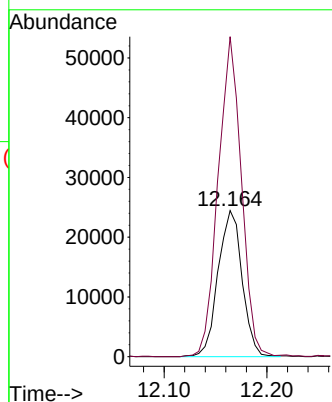
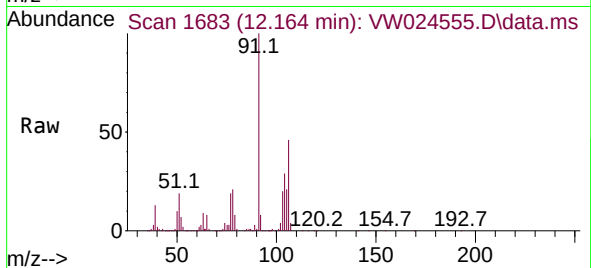




#54
o-Xylene
Concen: 4.955 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

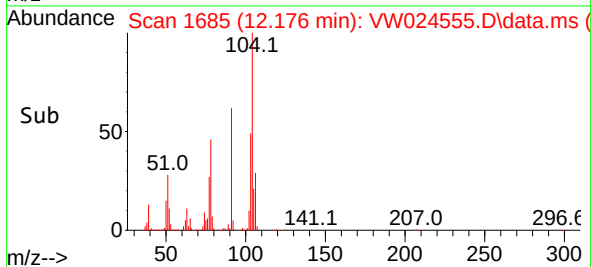
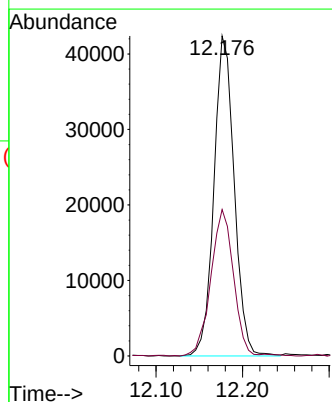
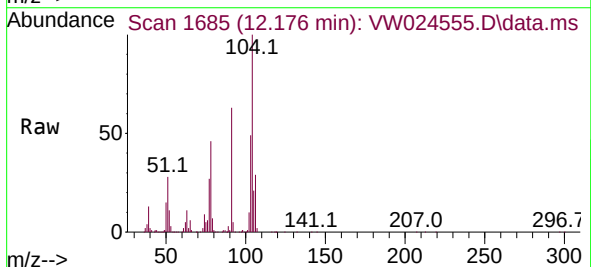
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

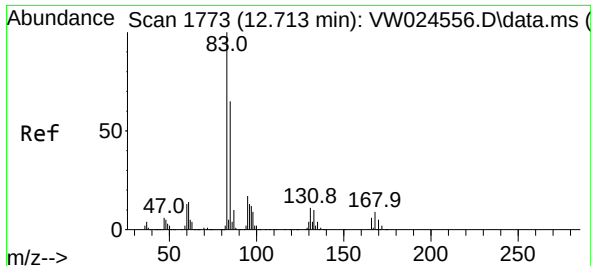
Tgt Ion:106 Resp: 39729
Ion Ratio Lower Upper
106 100
91 219.1 148.7 276.3



#55
Styrene
Concen: 4.890 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion:104 Resp: 69009
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.121 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

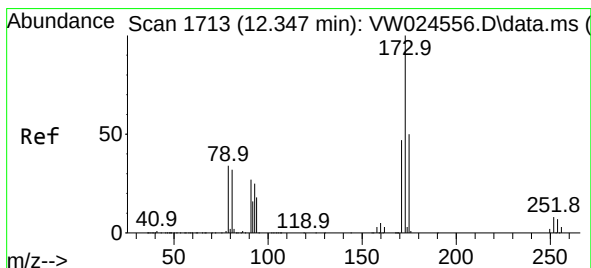
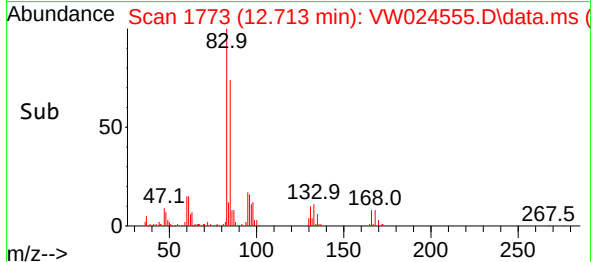
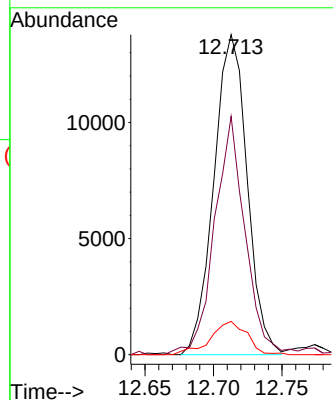
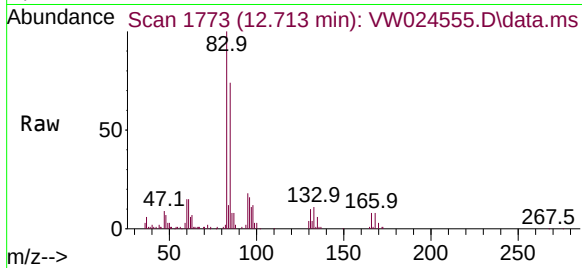
Tgt Ion: 83 Resp: 23306

Ion Ratio Lower Upper

83 100

85 74.5 45.6 84.8

131 10.4 9.0 13.4



#59

Bromoform

Concen: 4.489 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

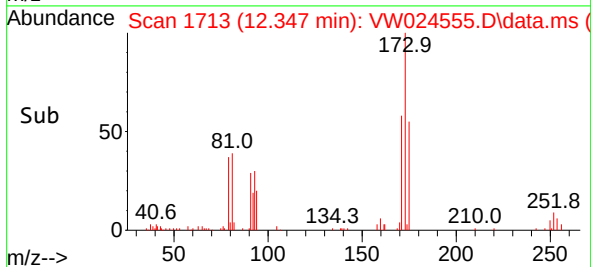
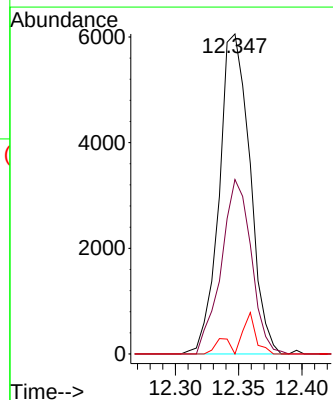
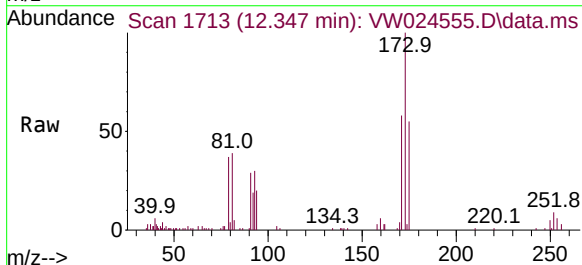
Tgt Ion: 173 Resp: 10204

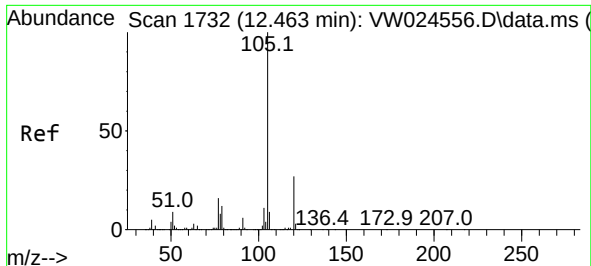
Ion Ratio Lower Upper

173 100

175 53.4 40.5 60.7

254 5.4 6.4 9.6#

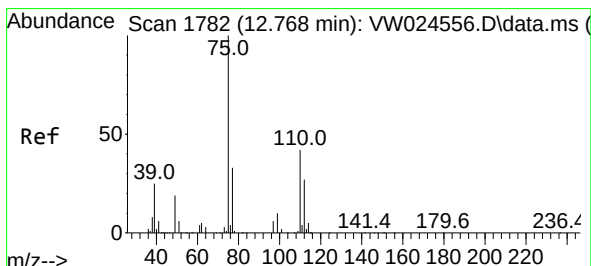
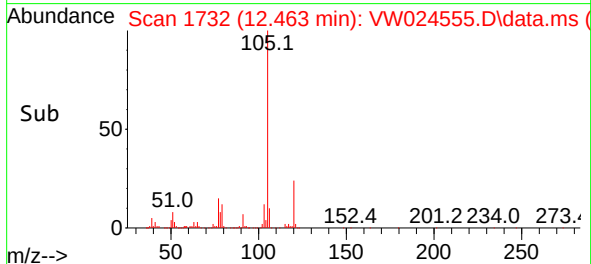
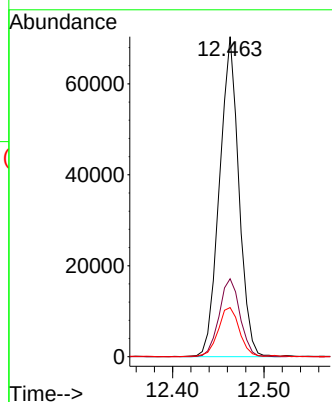
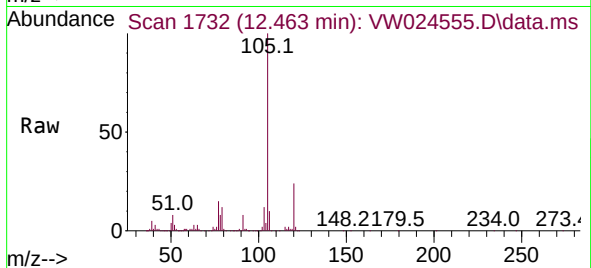




#60
Isopropylbenzene
Concen: 4.900 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

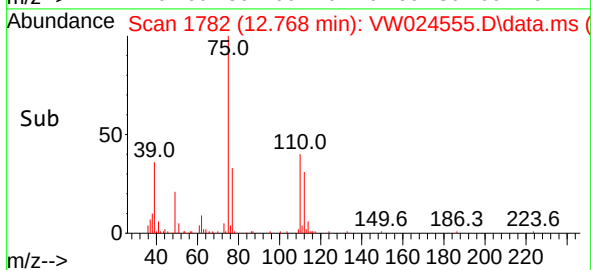
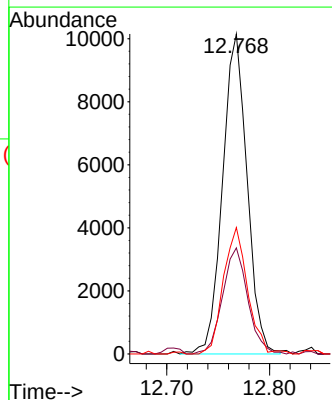
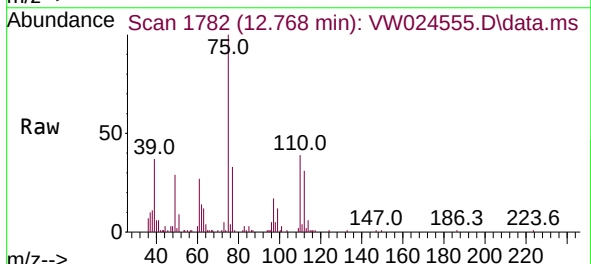
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

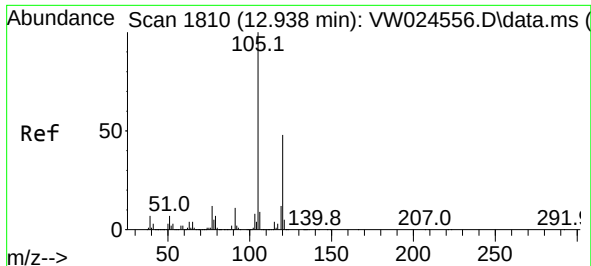
Tgt Ion:105 Resp: 103764
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 17.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.197 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion: 75 Resp: 16816
Ion Ratio Lower Upper
75 100
77 34.2 26.8 40.2
110 38.7 33.8 50.8

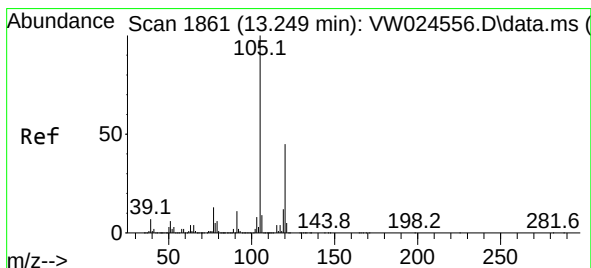
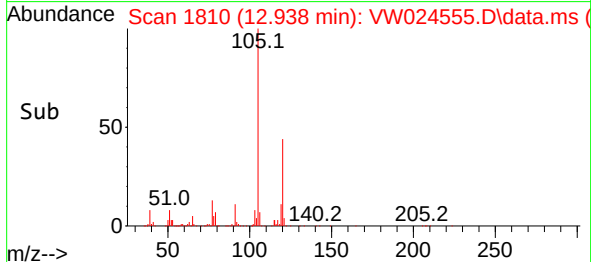
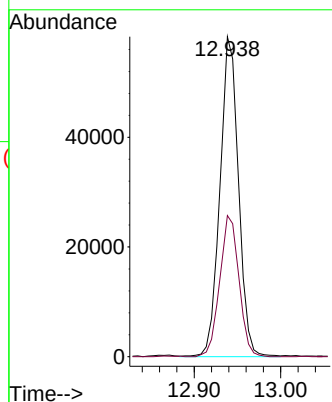
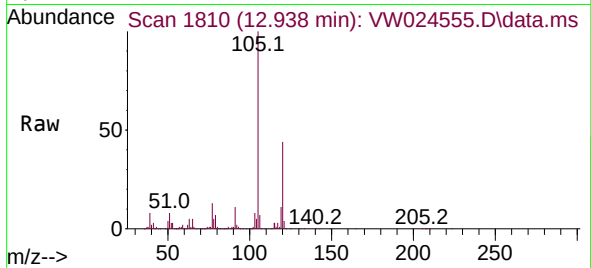




#62
1,3,5-Trimethylbenzene
Concen: 4.935 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

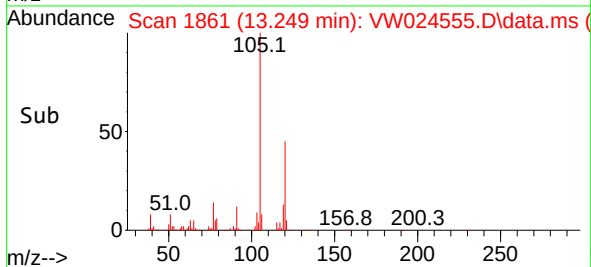
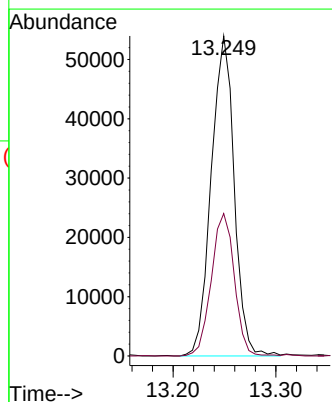
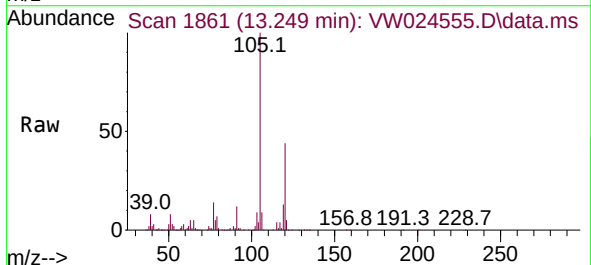
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

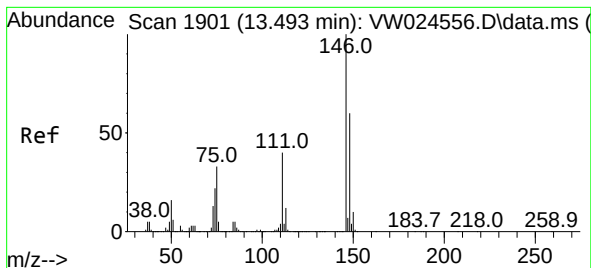
Tgt Ion:105 Resp: 86773
Ion Ratio Lower Upper
105 100
120 45.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.779 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024555.D
Acq: 06 Sep 2022 13:04

Tgt Ion:105 Resp: 83639
Ion Ratio Lower Upper
105 100
120 44.5 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.943 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

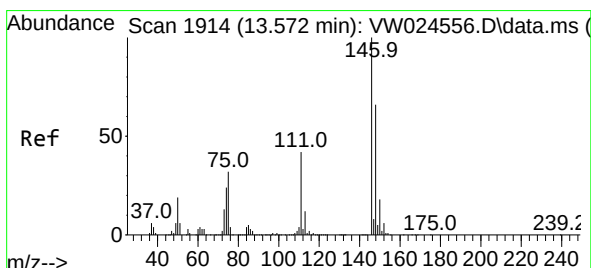
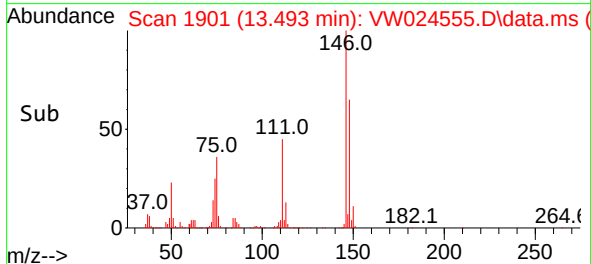
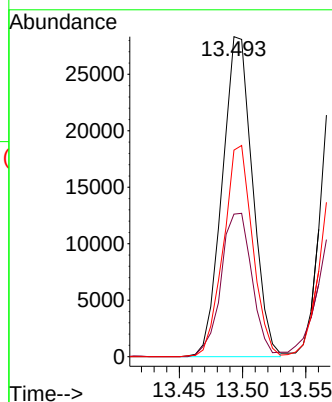
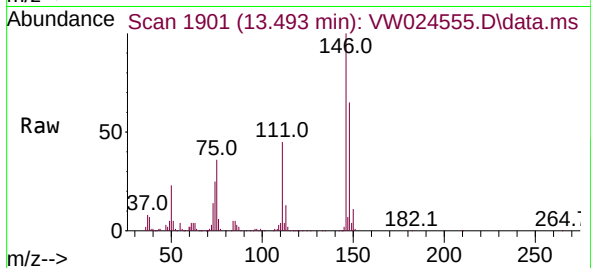
Tgt Ion:146 Resp: 47161

Ion Ratio Lower Upper

146 100

111 44.5 28.3 52.5

148 64.5 42.2 78.4



#65

1,4-Dichlorobenzene

Concen: 5.157 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

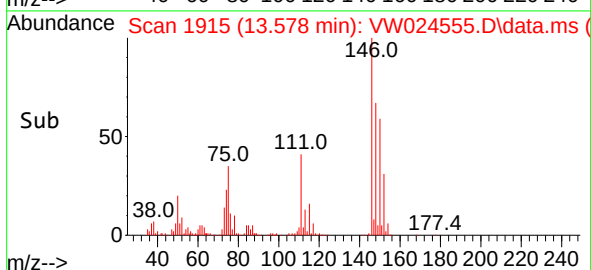
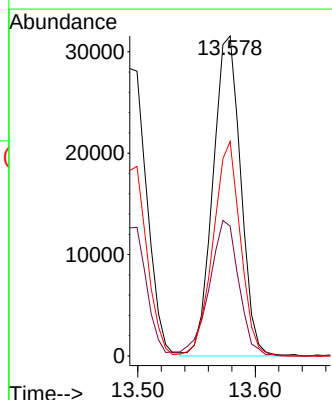
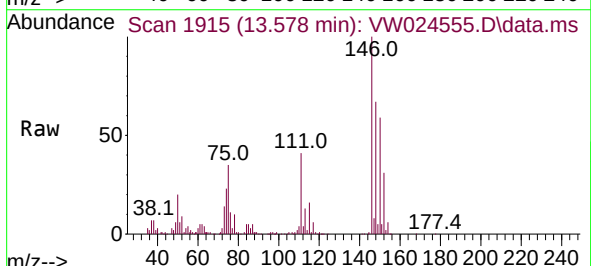
Tgt Ion:146 Resp: 51864

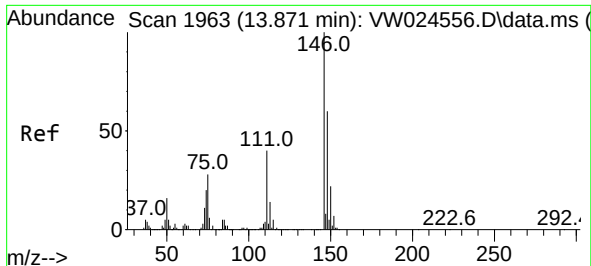
Ion Ratio Lower Upper

146 100

111 40.5 29.3 54.3

148 67.0 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 5.066 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

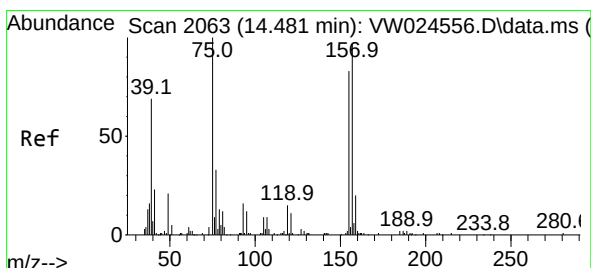
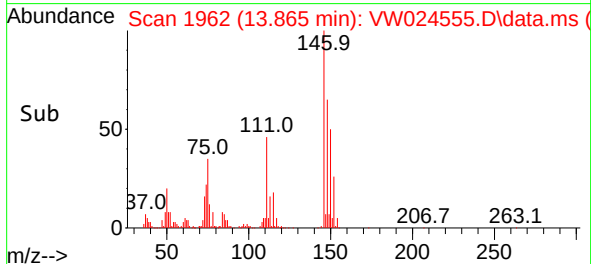
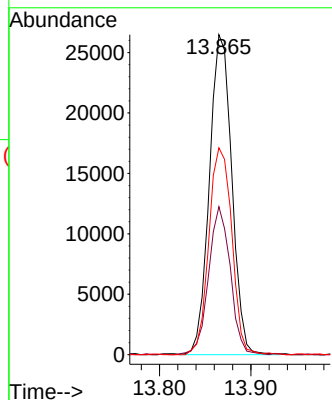
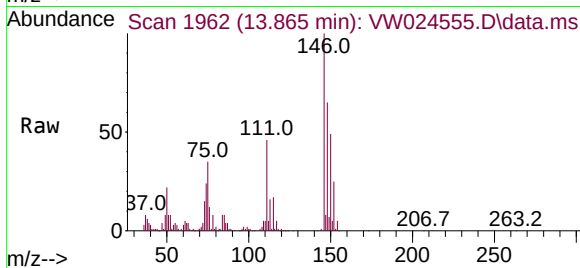
Tgt Ion:146 Resp: 45075

Ion Ratio Lower Upper

146 100

111 46.3 32.2 48.4

148 64.7 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.097 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

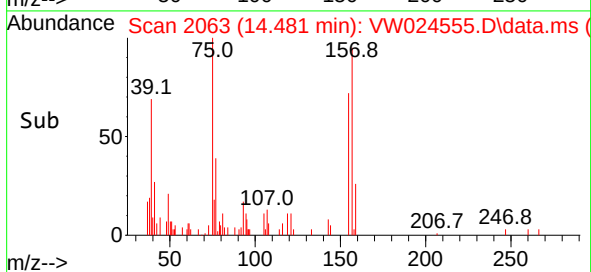
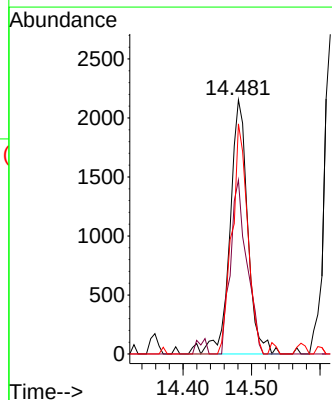
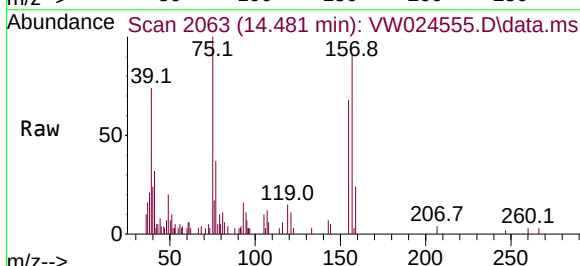
Tgt Ion: 75 Resp: 3902

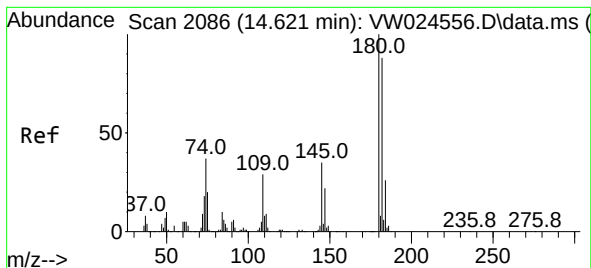
Ion Ratio Lower Upper

75 100

155 68.5 66.3 99.5

157 90.6 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 4.753 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

Tgt Ion:180 Resp: 29454

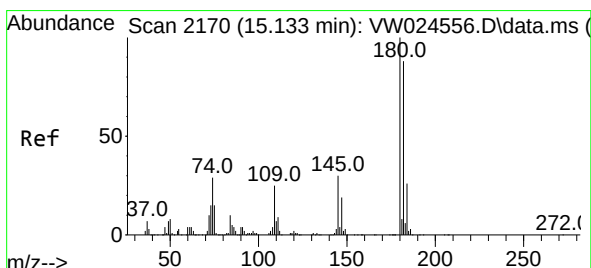
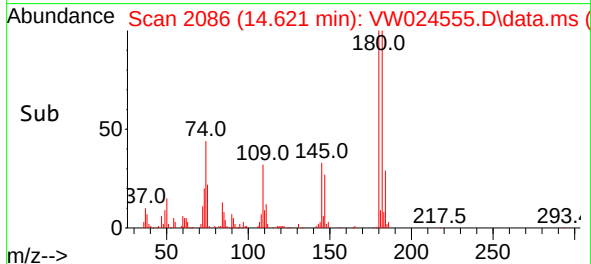
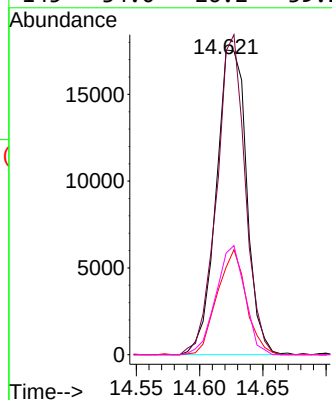
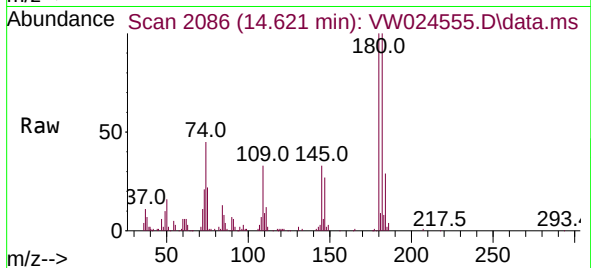
Ion Ratio Lower Upper

180 100

182 97.5 72.4 108.6

184 32.6 22.8 34.2

145 34.0 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 4.570 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

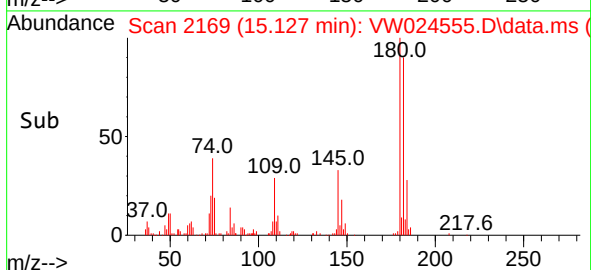
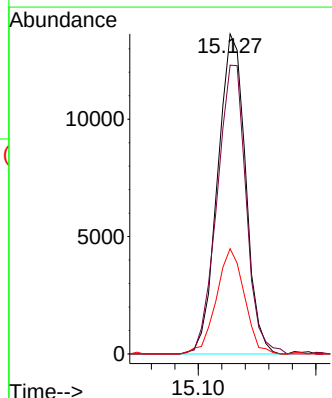
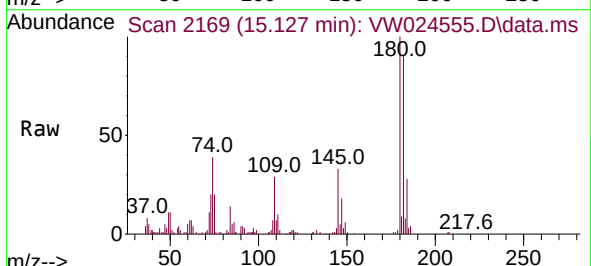
Tgt Ion:180 Resp: 22473

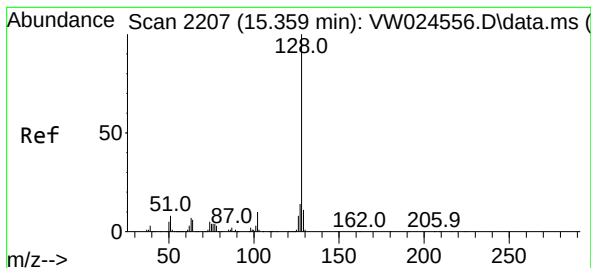
Ion Ratio Lower Upper

180 100

182 93.8 73.8 110.6

145 33.0 26.6 39.8





#71

Naphthalene

Concen: 3.977 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

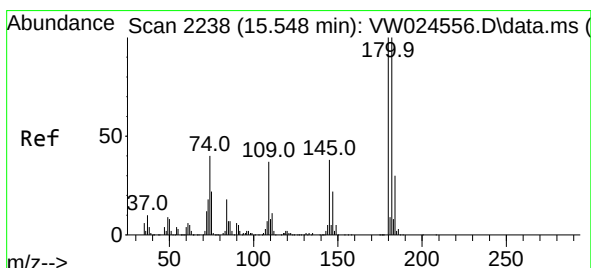
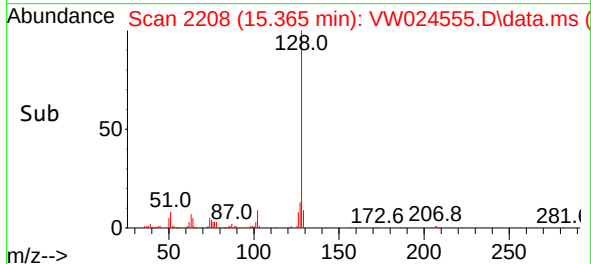
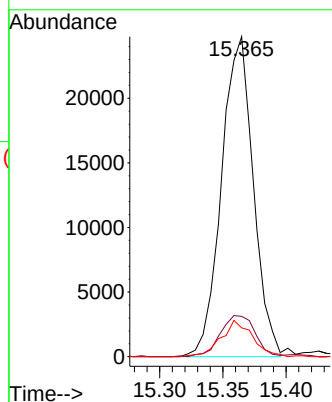
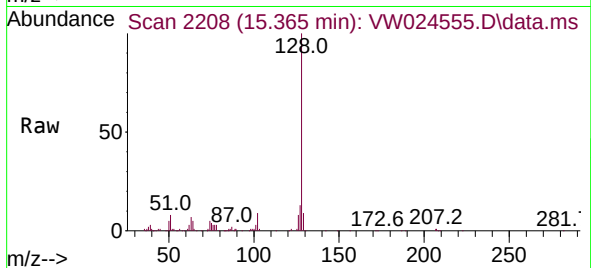
Tgt Ion:128 Resp: 43270

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.503 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024555.D

Acq: 06 Sep 2022 13:04

Tgt Ion:180 Resp: 20601

Ion Ratio Lower Upper

180 100

182 96.6 78.7 118.1

145 35.5 28.1 42.1

