

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111122\
 Data File : VW025036.D
 Acq On : 11 Nov 2022 09:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Nov 12 00:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 23:52:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	269787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	131734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52820	17.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
7) Chloroethane-d5	2.885	69	36623	20.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	4.013	63	161239	21.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.520%
21) 2-Butanone-d5	7.080	46	45541	44.560	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
24) Chloroform-d	7.647	84	202431	24.724	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.305	65	112423	24.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.275	84	362870	22.997	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.268	67	105085	22.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.323	98	342029	23.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	10.573	79	47879	23.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.920	63	37165	46.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87198	23.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	121571	24.014	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31026	34.479	ug/L	98
3) Chloromethane	2.209	50	40577	18.748	ug/L	92
5) Vinyl chloride	2.361	62	63060	21.087	ug/L	93
6) Bromomethane	2.776	94	31938	21.401	ug/L	89
8) Chloroethane	2.922	64	27884	22.353	ug/L	95
9) Trichlorofluoromethane	3.251	101	47128	18.786	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	88749	24.982	ug/L	100
12) 1,1-Dichloroethene	4.031	96	81459	24.341	ug/L	96
13) Acetone	4.123	43	38116	52.499	ug/L	98
14) Carbon disulfide	4.379	76	219836	22.487	ug/L	98
15) Methyl Acetate	4.665	43	31185	21.574	ug/L	98
16) Methylene chloride	4.915	84	91778	19.160	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	87340	24.373	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	137767	22.918	ug/L	98
19) 1,1-Dichloroethane	6.208	63	162376	24.475	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	96045	24.590	ug/L	99
22) 2-Butanone	7.171	43	48858	44.915	ug/L	99
23) Bromochloromethane	7.512	128	41218	24.343	ug/L	93
25) Chloroform	7.671	83	177751	25.386	ug/L	100

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 Response via : Initial Calibration

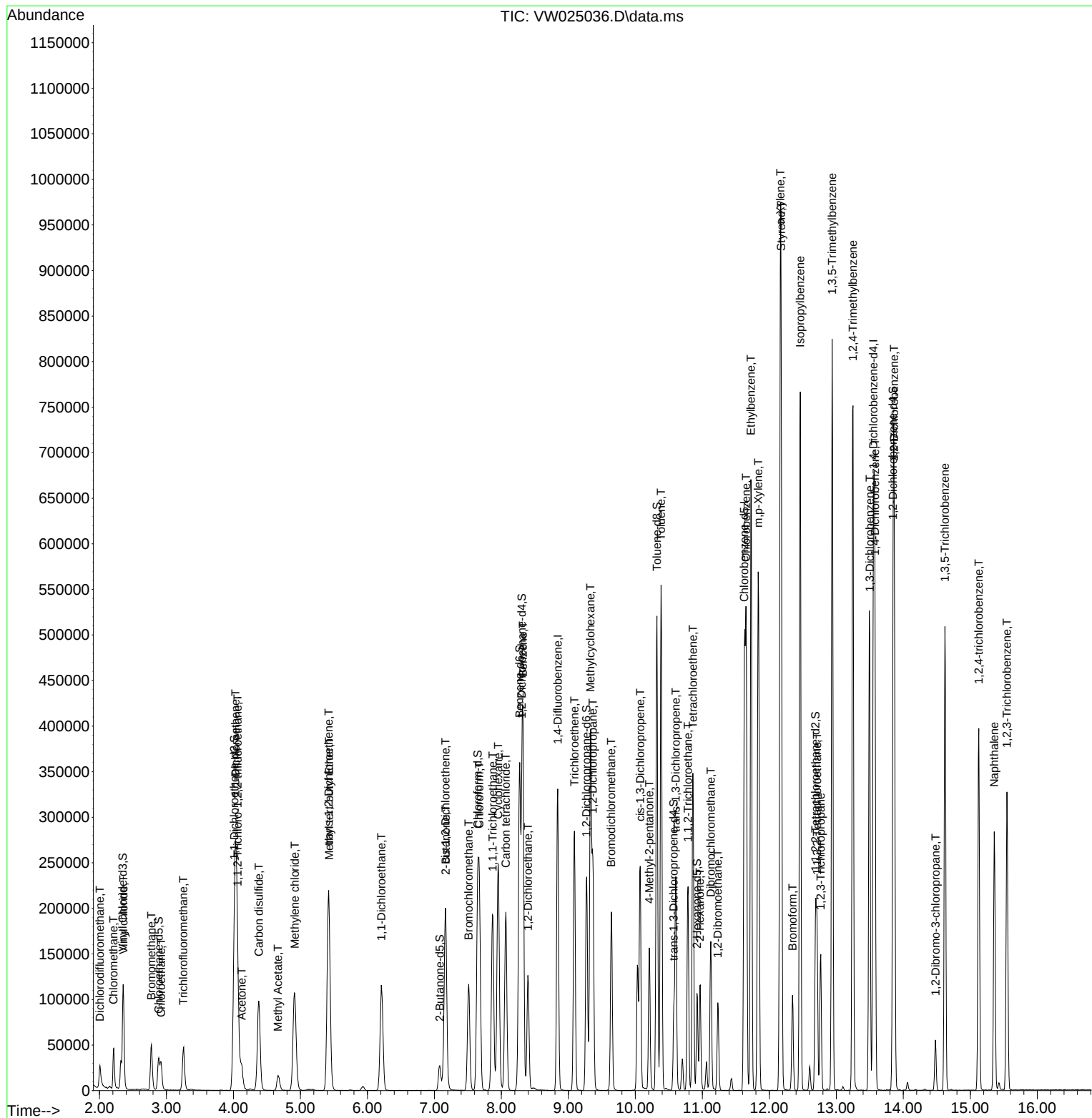
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	120800	25.434	ug/L	99
29) Cyclohexane	7.951	56	135820	23.365	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	159417	26.462	ug/L	98
31) Carbon tetrachloride	8.067	117	146597	27.232	ug/L	98
33) Benzene	8.323	78	361941	24.415	ug/L	100
34) Trichloroethene	9.091	95	98184	25.019	ug/L	97
35) Methylcyclohexane	9.329	83	163543	24.526	ug/L	99
37) 1,2-Dichloropropane	9.366	63	87199	24.235	ug/L	99
38) Bromodichloromethane	9.640	83	131050	26.097	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	146440	25.745	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	95378	45.172	ug/L	99
42) Toluene	10.384	91	398682	25.332	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	127650	25.243	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	67584	24.877	ug/L	99
46) Tetrachloroethene	10.859	164	71718	25.554	ug/L	94
48) 2-Hexanone	10.963	43	69451	47.561	ug/L	99
49) Dibromochloromethane	11.128	129	84803	25.608	ug/L	100
50) 1,2-Dibromoethane	11.231	107	61609	23.979	ug/L	98
51) Chlorobenzene	11.652	112	256849	25.177	ug/L	98
52) Ethylbenzene	11.725	91	462589	25.463	ug/L	99
53) m,p-Xylene	11.835	106	176895	25.155	ug/L	100
54) o-Xylene	12.164	106	169670	25.574	ug/L	99
55) Styrene	12.176	104	293446	25.466	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	78040	23.946	ug/L	95
59) Bromoform	12.347	173	45340	24.334	ug/L	96
60) Isopropylbenzene	12.463	105	484118	24.444	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	58909	22.258	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433204	25.197	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	425064	25.213	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	203889	24.683	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	202668	24.589	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	180326	24.279	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	14568	23.819	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	145219	26.542	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	118317	27.823	ug/L	96
71) Naphthalene	15.359	128	233288	26.006	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	98635	26.620	ug/L	97

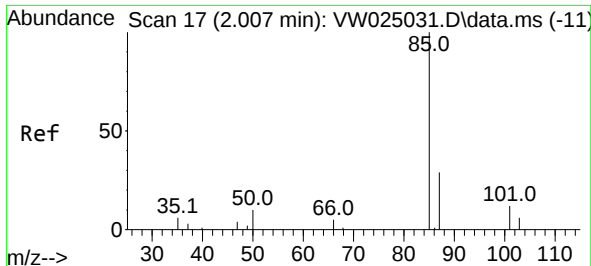
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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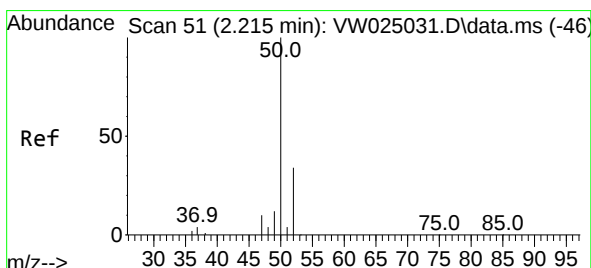
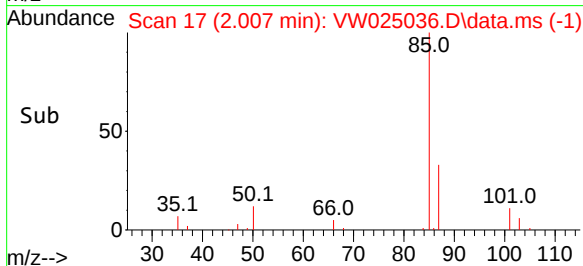
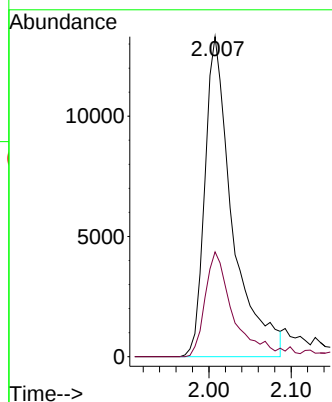
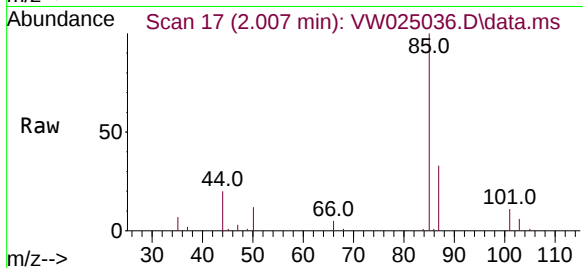




#2
 Dichlorodifluoromethane
 Concen: 34.479 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025036.D
 Acq: 11 Nov 2022 09:16

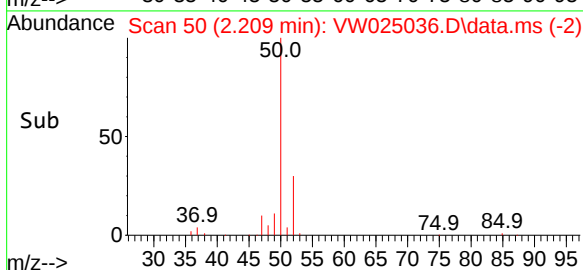
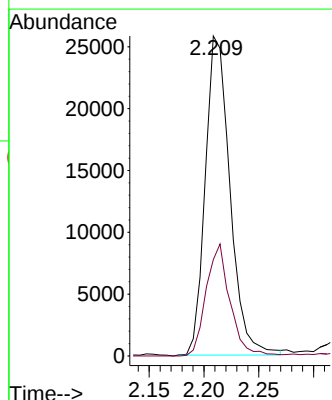
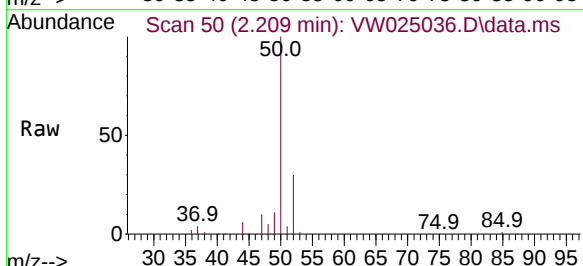
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 ClientSampleId :
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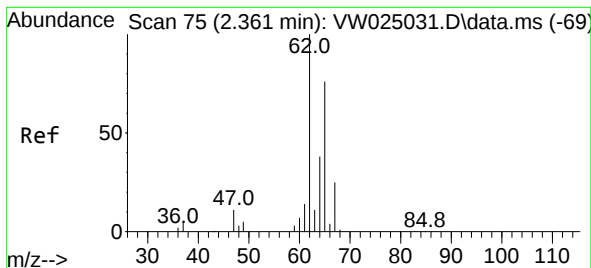
Tgt Ion: 85 Resp: 31026
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.9 38.9



#3
 Chloromethane
 Concen: 18.748 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW025036.D
 Acq: 11 Nov 2022 09:16

Tgt Ion: 50 Resp: 40577
 Ion Ratio Lower Upper
 50 100
 52 30.1 24.1 44.8





#5

Vinyl chloride

Concen: 21.087 ug/L

RT: 2.361 min Scan# 75

Delta R.T. -0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

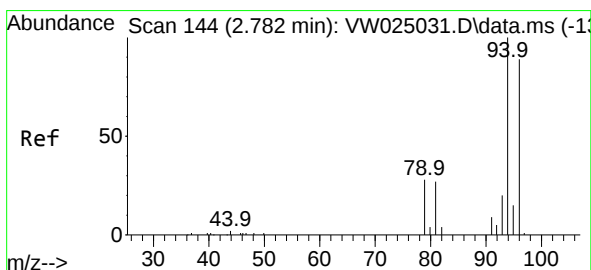
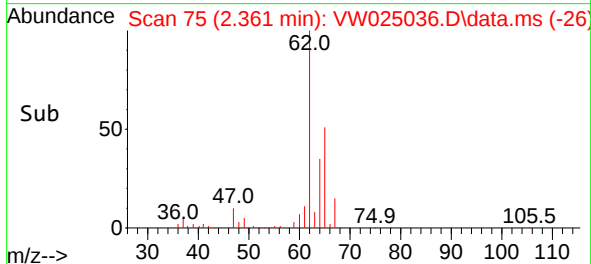
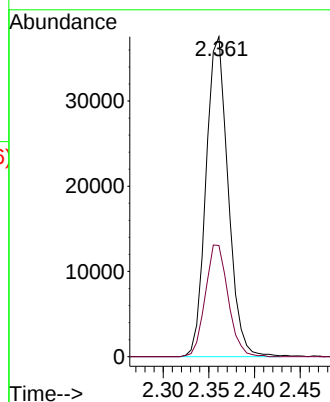
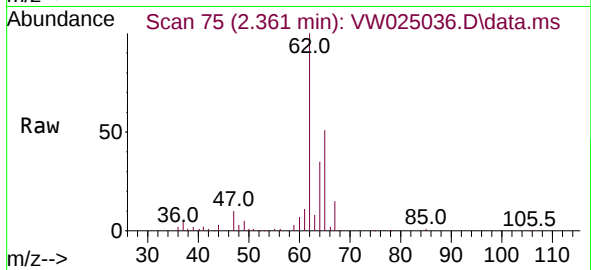
VSTD025493

Tgt Ion: 62 Resp: 63060

Ion Ratio Lower Upper

62 100

64 34.7 27.2 50.6



#6

Bromomethane

Concen: 21.401 ug/L

RT: 2.776 min Scan# 143

Delta R.T. -0.006 min

Lab File: VW025036.D

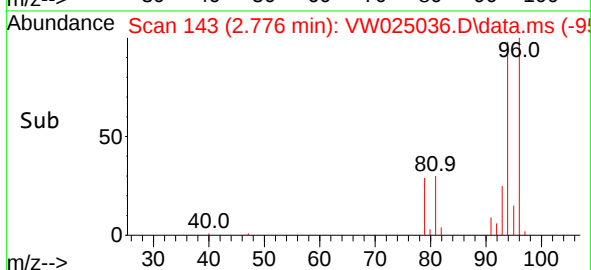
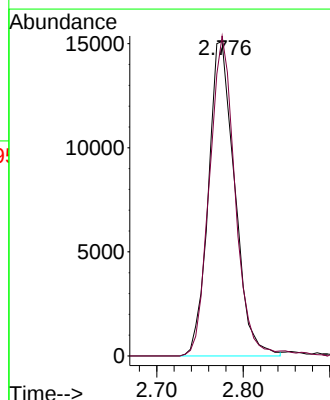
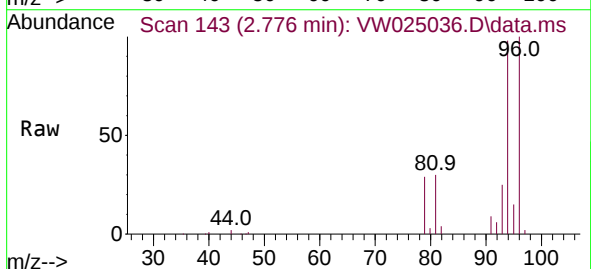
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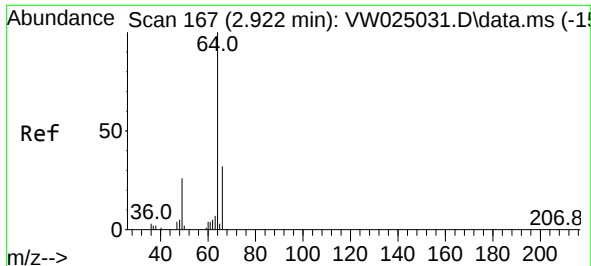
Tgt Ion: 94 Resp: 31938

Ion Ratio Lower Upper

94 100

96 101.7 63.8 118.6

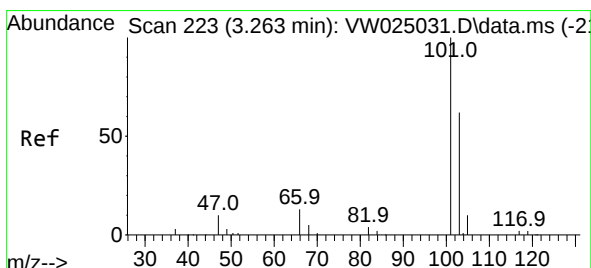
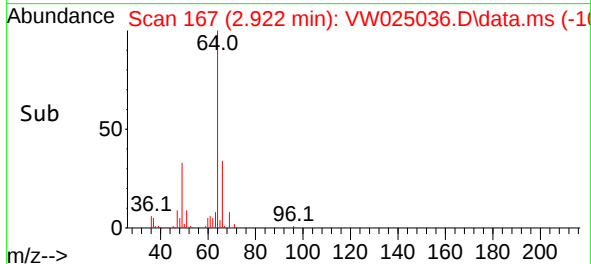
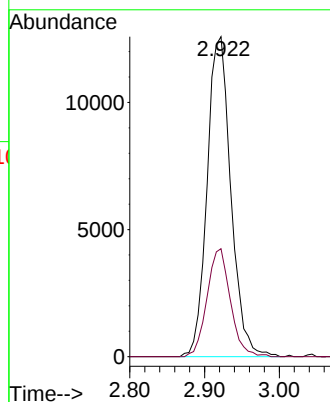
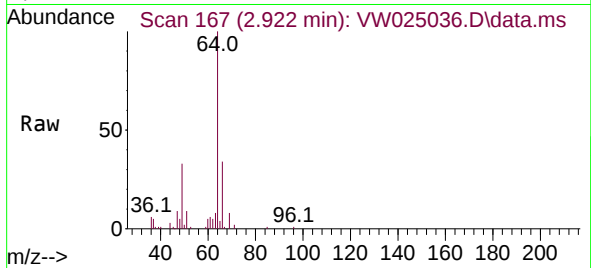




#8
Chloroethane
Concen: 22.353 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

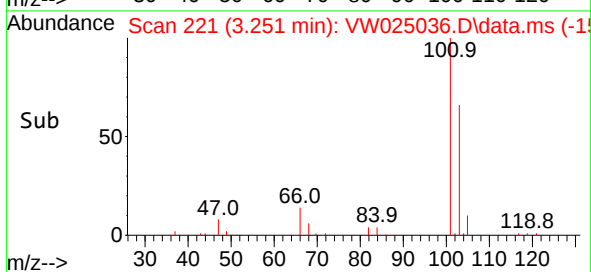
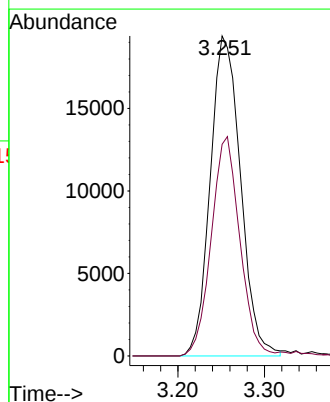
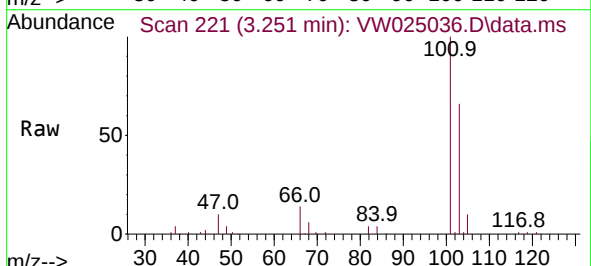
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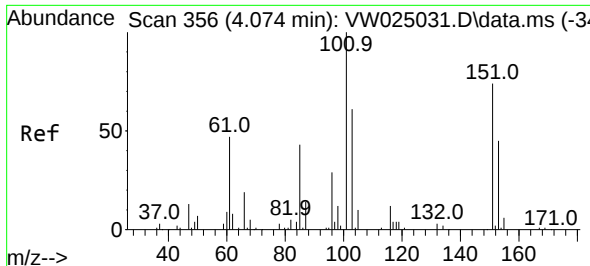
Tgt Ion: 64 Resp: 27884
Ion Ratio Lower Upper
64 100
66 33.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 18.786 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 101 Resp: 47128
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

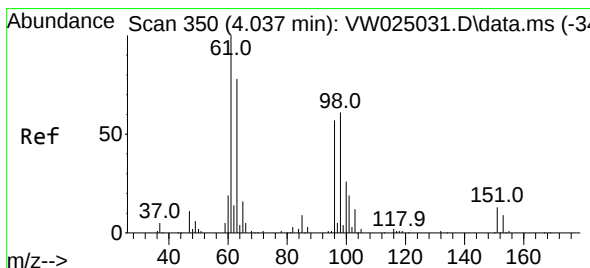
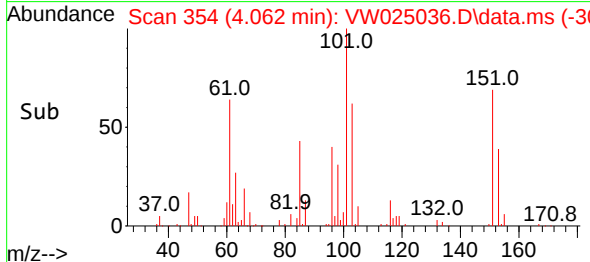
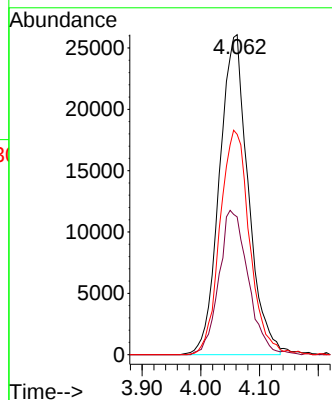
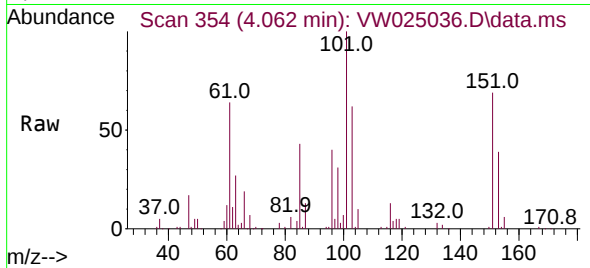




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.982 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW025036.D
 Acq: 11 Nov 2022 09:16

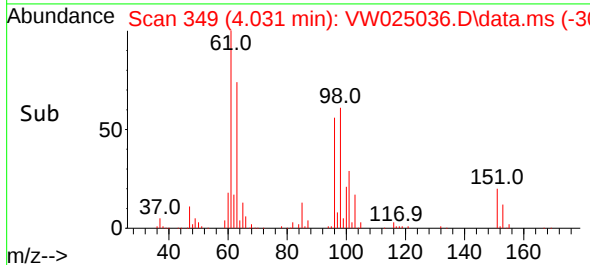
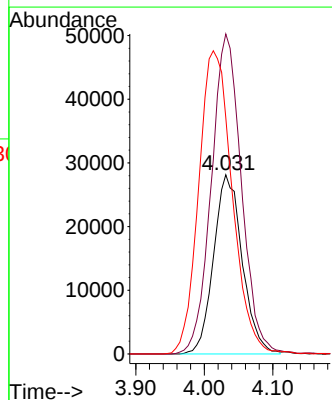
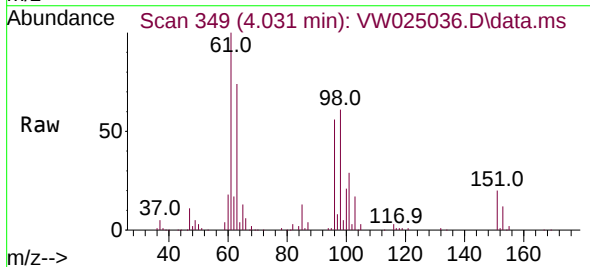
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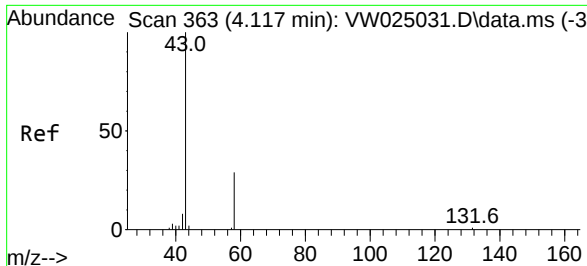
Tgt Ion:101 Resp: 88749
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.5 54.7
 151 71.8 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 24.341 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW025036.D
 Acq: 11 Nov 2022 09:16

Tgt Ion: 96 Resp: 81459
 Ion Ratio Lower Upper
 96 100
 61 178.5 126.2 234.4
 63 131.9 98.3 182.7

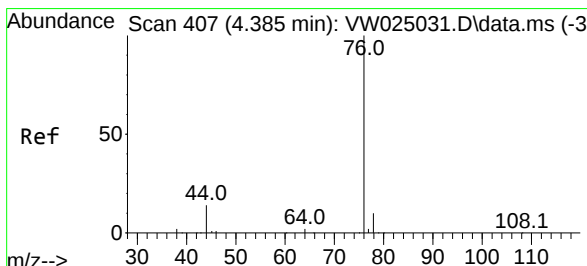
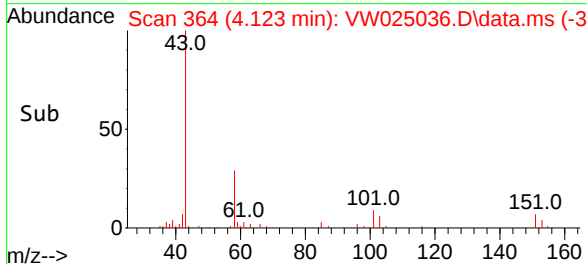
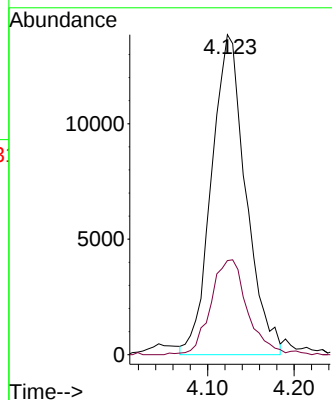
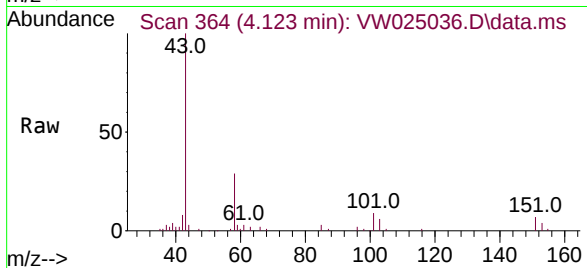




#13
Acetone
Concen: 52.499 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW025036.D
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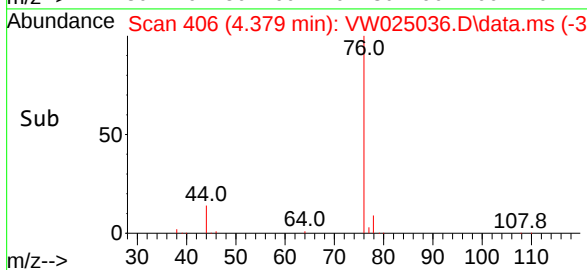
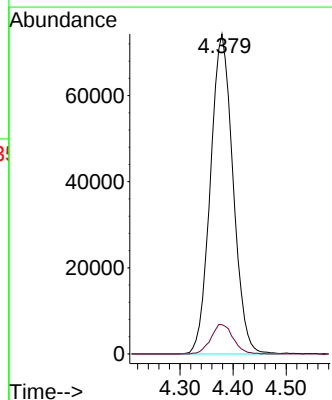
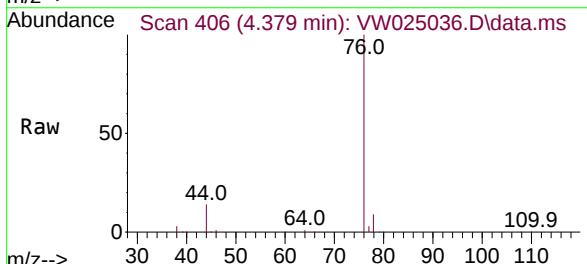
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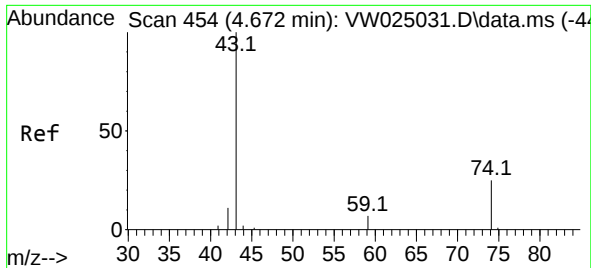
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Ion Ratio Lower Upper
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58 31.3 0.0 65.4



#14
Carbon disulfide
Concen: 22.487 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 219836
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

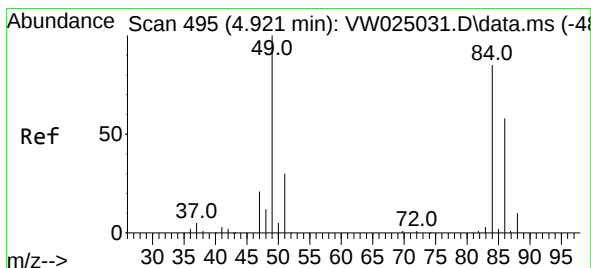
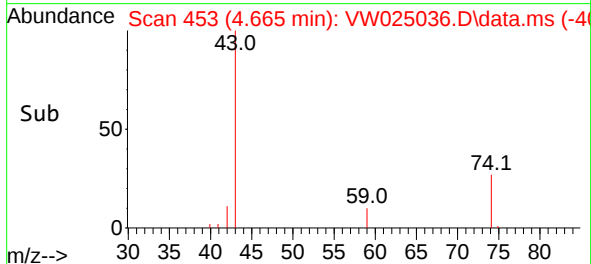
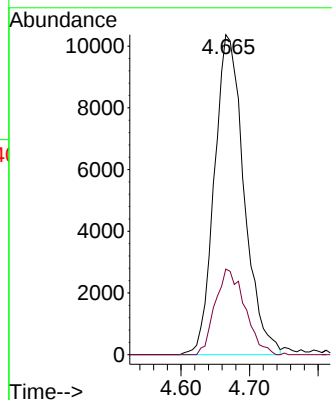
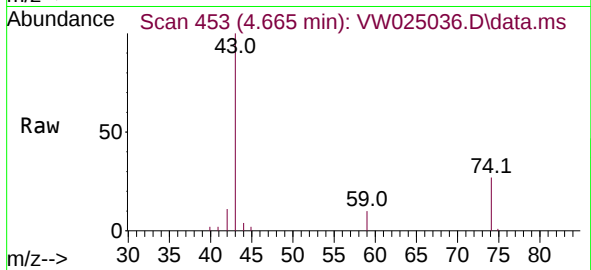




#15
Methyl Acetate
Concen: 21.574 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

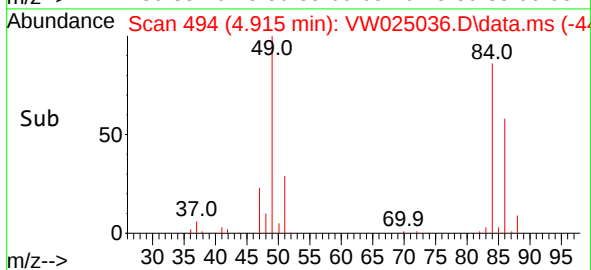
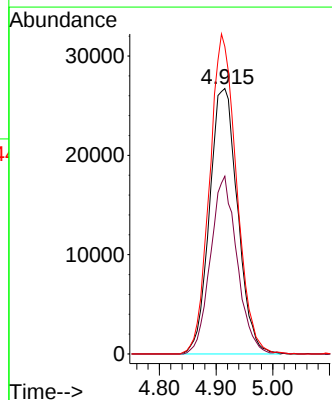
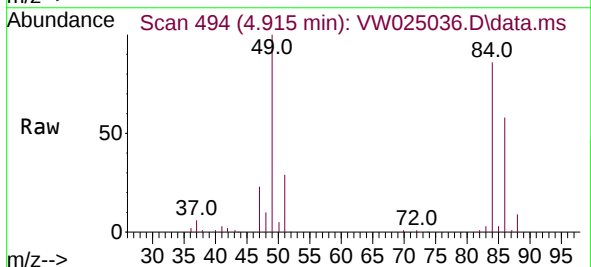
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

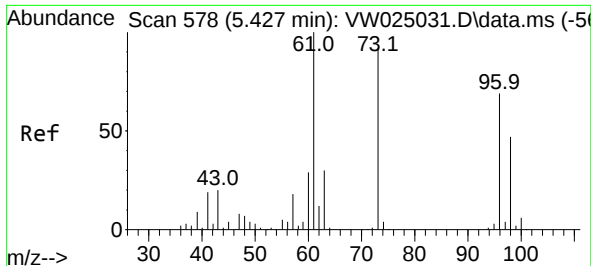
Tgt Ion: 43 Resp: 31185
Ion Ratio Lower Upper
43 100
74 26.7 20.6 30.8



#16
Methylene chloride
Concen: 19.160 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 84 Resp: 91778
Ion Ratio Lower Upper
84 100
86 67.0 42.6 79.0
49 115.8 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.373 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

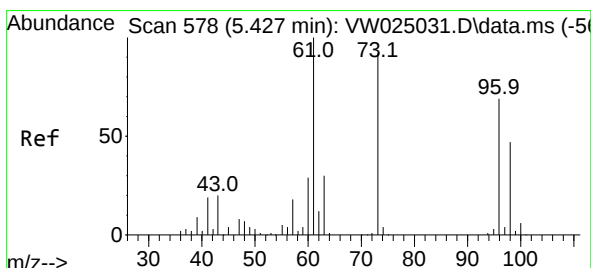
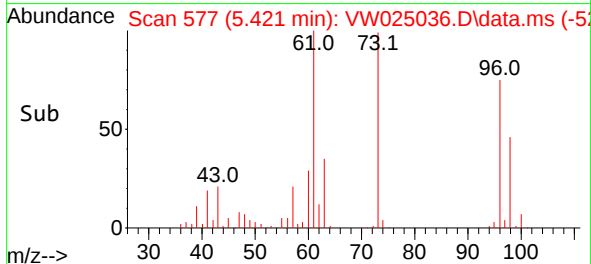
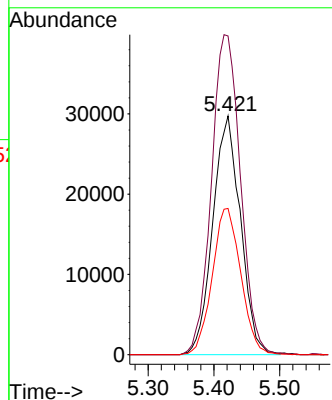
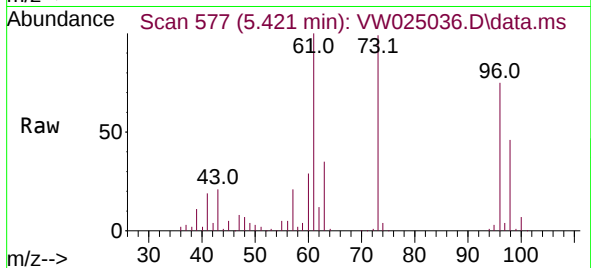
Tgt Ion: 96 Resp: 87340

Ion Ratio Lower Upper

96 100

61 133.5 97.6 181.2

98 61.3 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 22.918 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

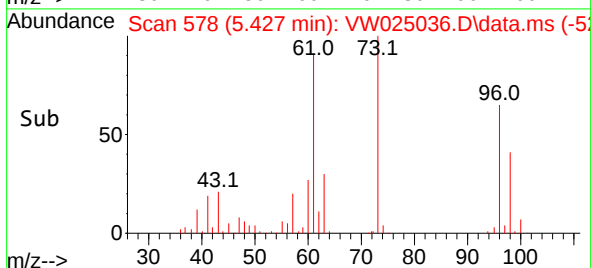
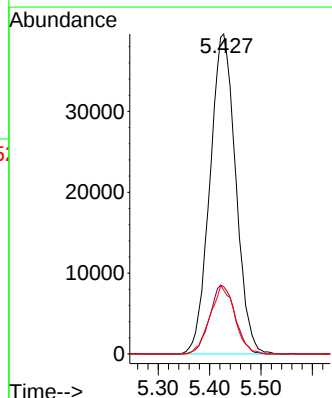
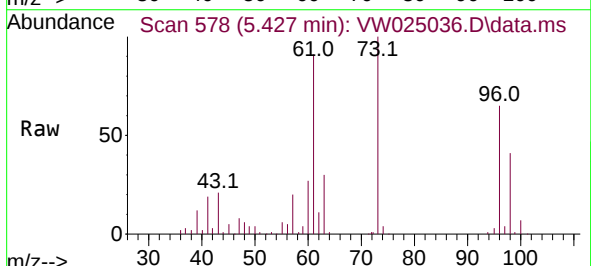
Tgt Ion: 73 Resp: 137767

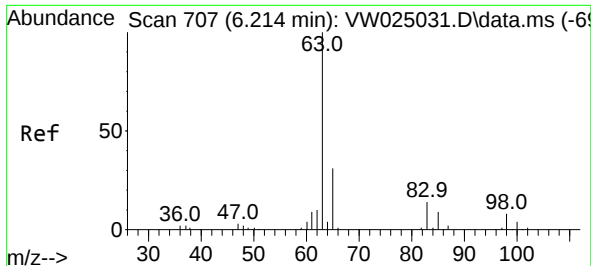
Ion Ratio Lower Upper

73 100

43 21.3 16.6 24.8

57 20.5 17.1 25.7

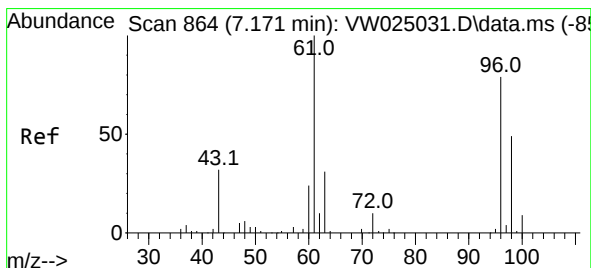
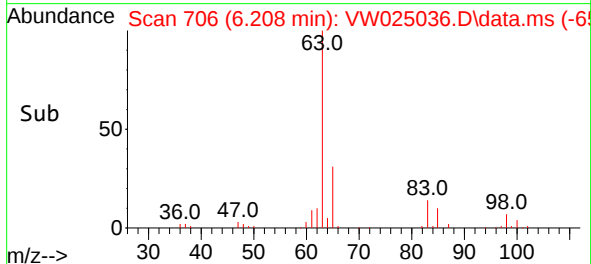
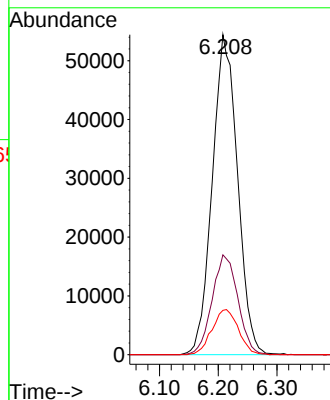
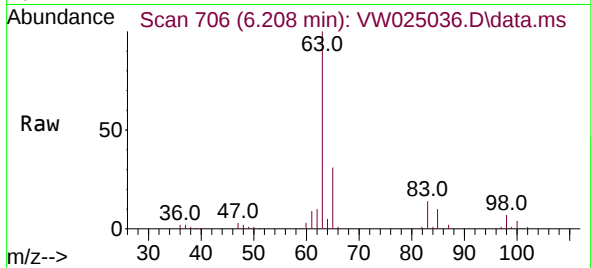




#19
1,1-Dichloroethane
Concen: 24.475 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

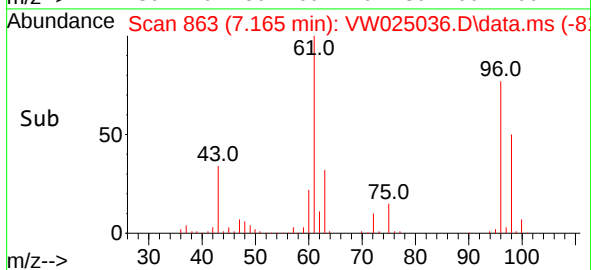
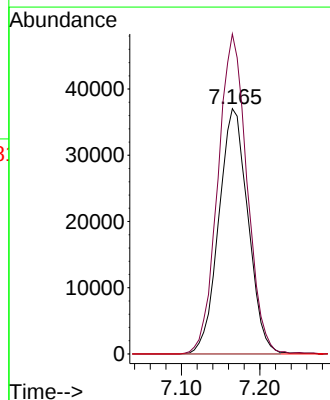
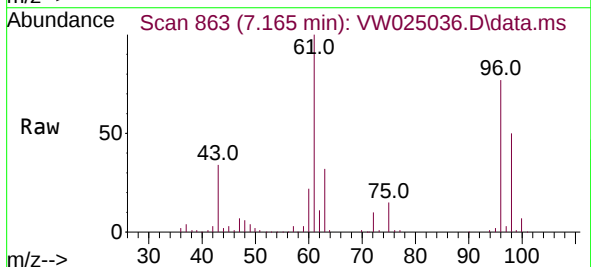
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

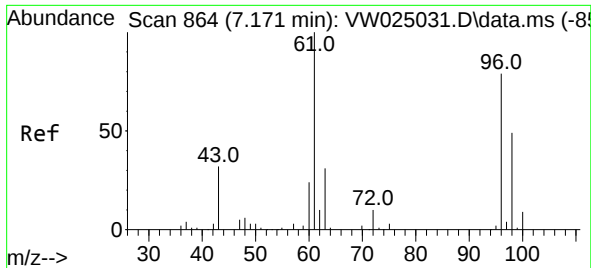
Tgt Ion: 63 Resp: 162376
Ion Ratio Lower Upper
63 100
65 31.2 22.2 41.2
83 13.9 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 24.590 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 96 Resp: 96045
Ion Ratio Lower Upper
96 100
61 130.5 91.8 170.6
68 0.0 0.0 0.0

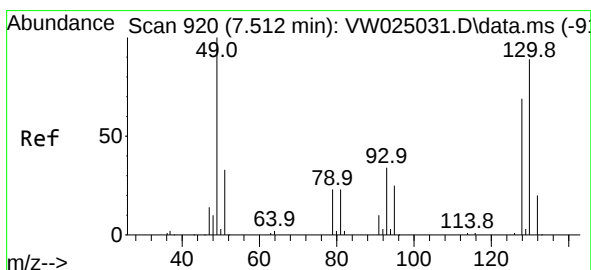
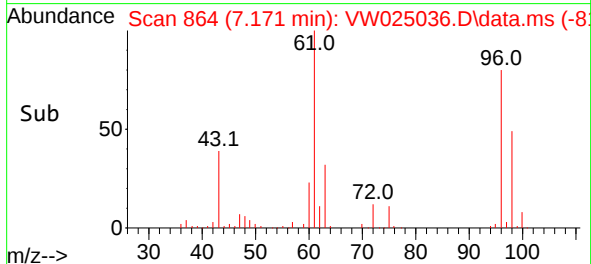
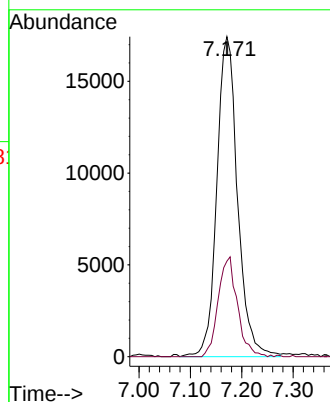
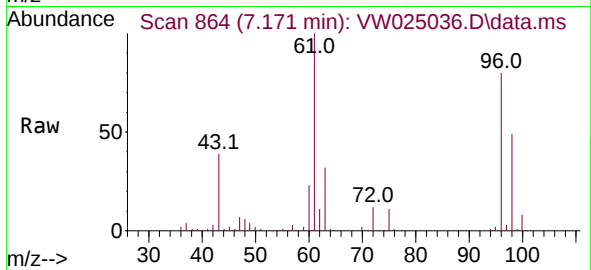




#22
2-Butanone
Concen: 44.915 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

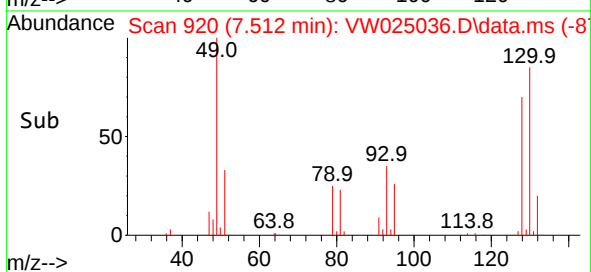
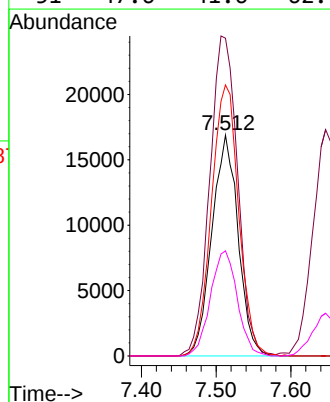
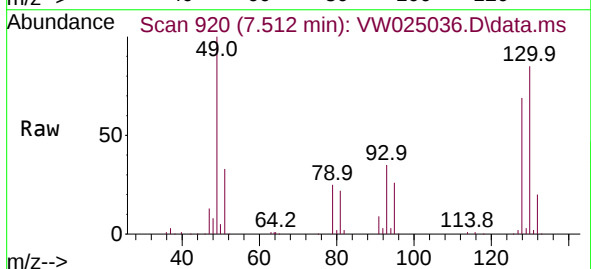
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

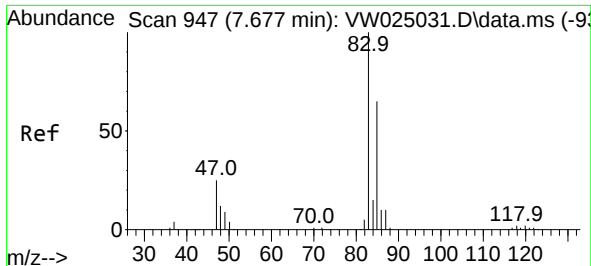
Tgt Ion: 43 Resp: 48858
Ion Ratio Lower Upper
43 100
72 28.8 14.6 44.0



#23
Bromochloromethane
Concen: 24.343 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 128 Resp: 41218
Ion Ratio Lower Upper
128 100
49 143.9 112.8 209.4
130 122.7 86.2 160.2
51 47.6 41.6 62.4

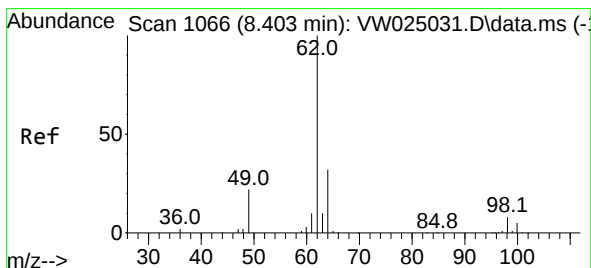
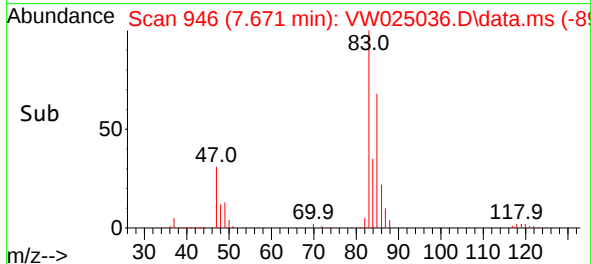
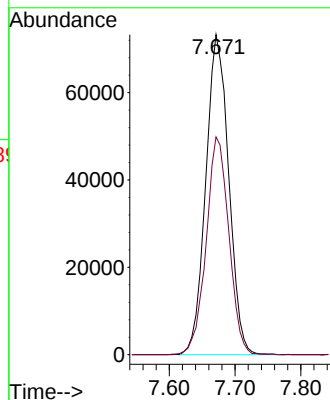
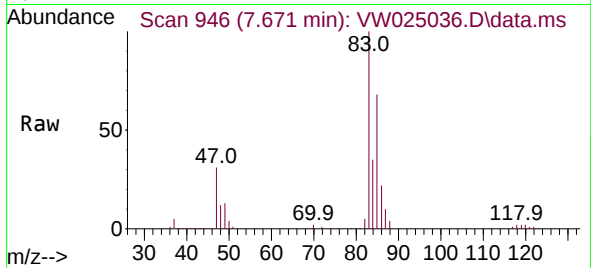




#25
Chloroform
Concen: 25.386 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

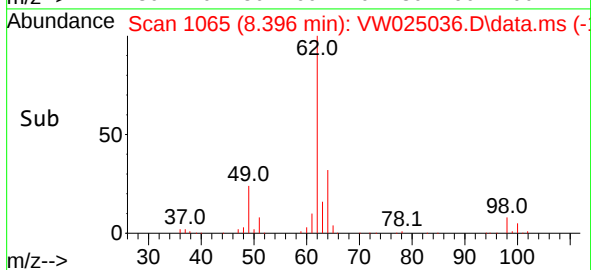
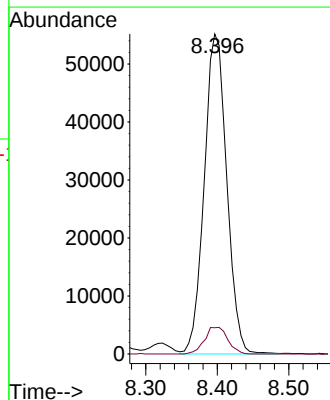
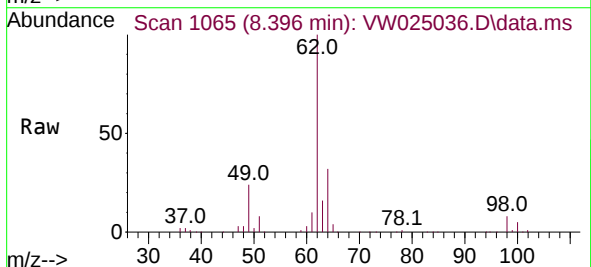
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

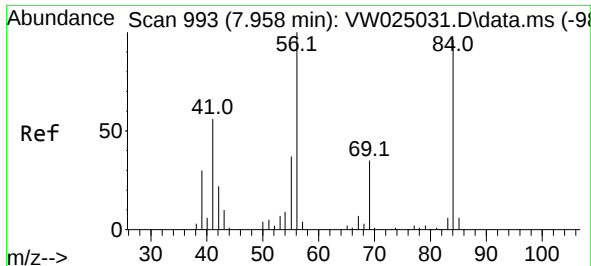
Tgt Ion: 83 Resp: 177751
Ion Ratio Lower Upper
83 100
85 68.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.434 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 62 Resp: 120800
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.4

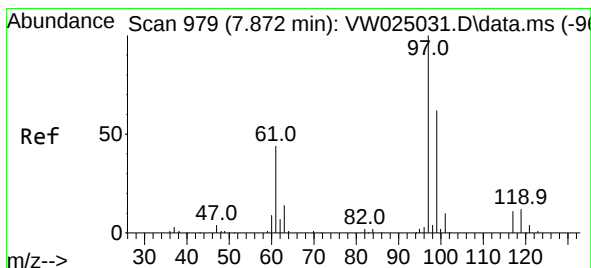
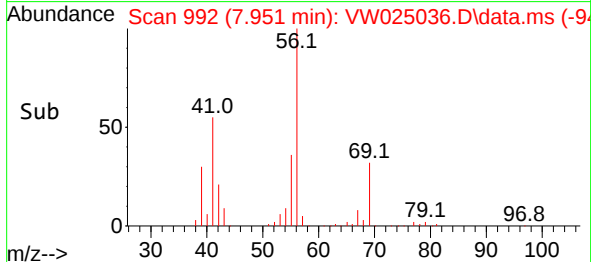
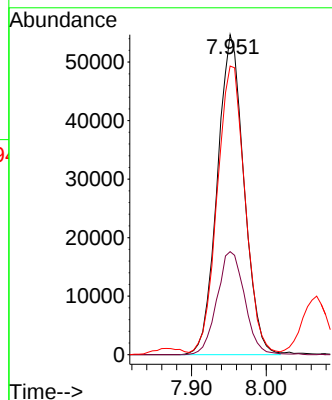
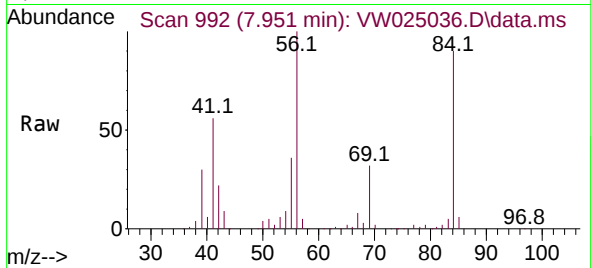




#29
Cyclohexane
Concen: 23.365 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

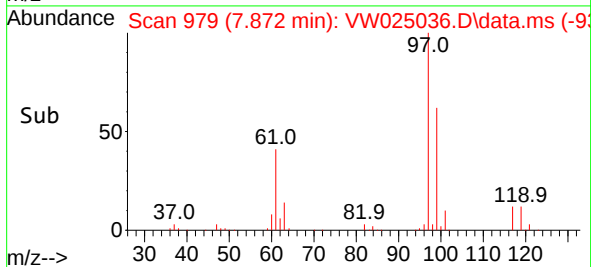
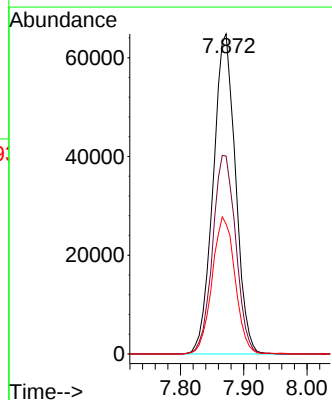
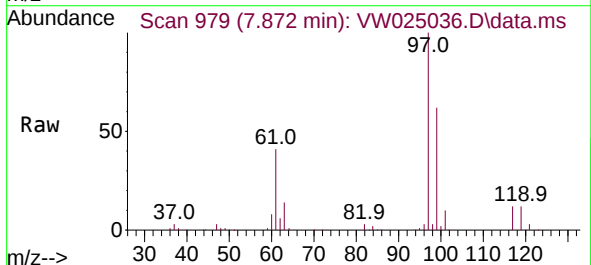
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

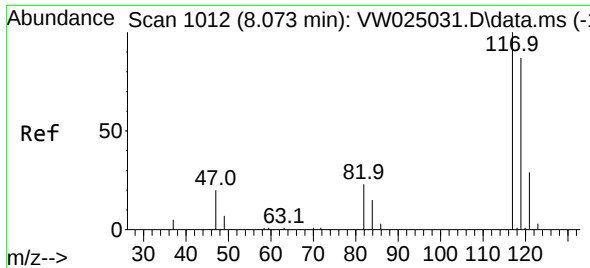
Tgt Ion: 56 Resp: 135820
Ion Ratio Lower Upper
56 100
69 33.3 25.0 37.4
84 94.2 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 26.462 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 97 Resp: 159417
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 43.8 36.6 54.8

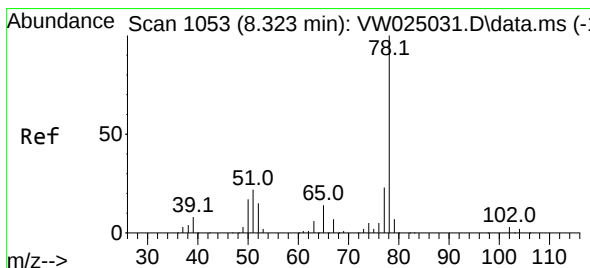
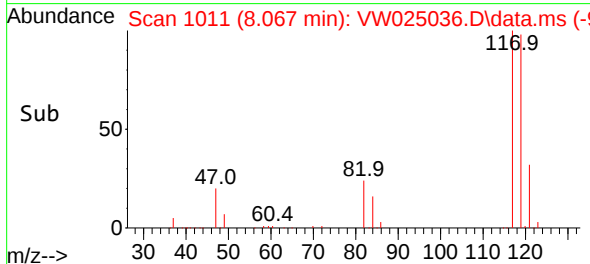
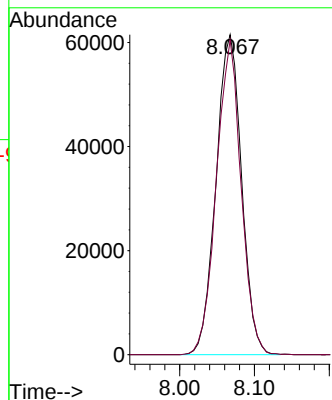
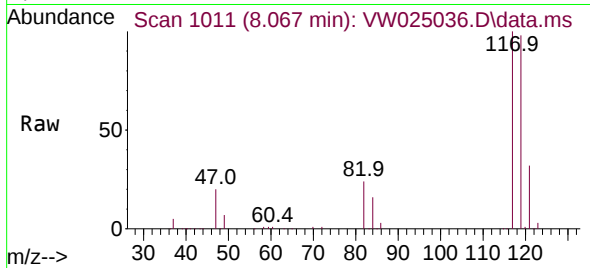




#31
Carbon tetrachloride
Concen: 27.232 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

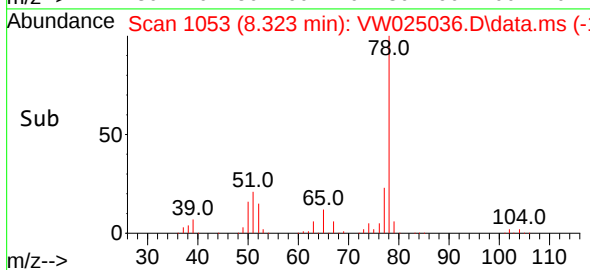
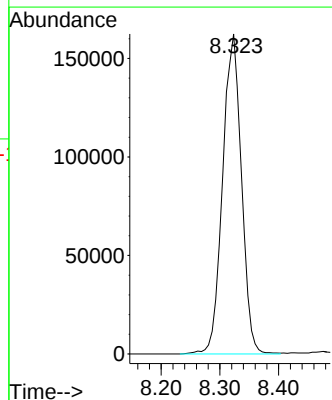
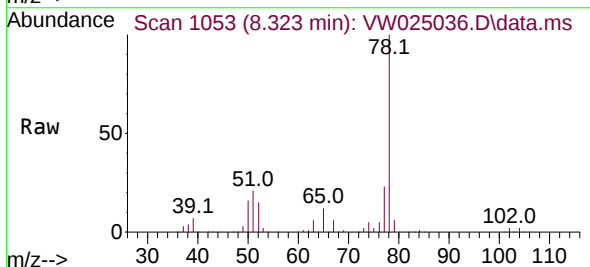
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

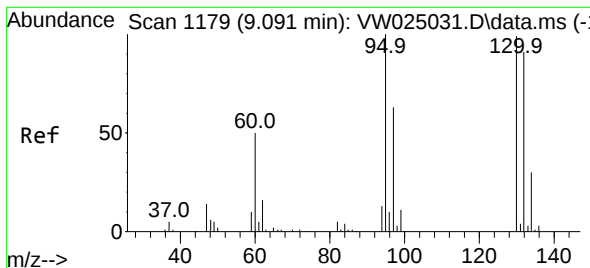
Tgt Ion:117 Resp: 146597
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5



#33
Benzene
Concen: 24.415 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 78 Resp: 361941





#34

Trichloroethene

Concen: 25.019 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion: 95 Resp: 98184

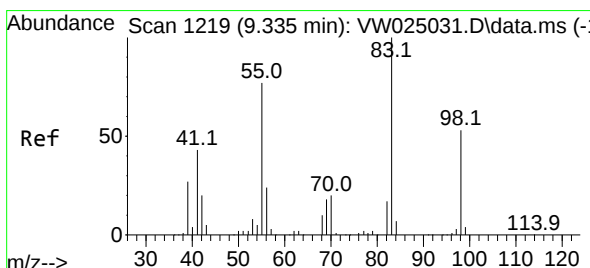
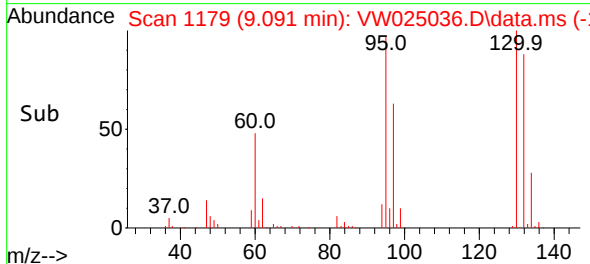
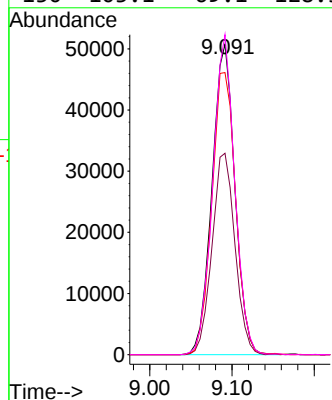
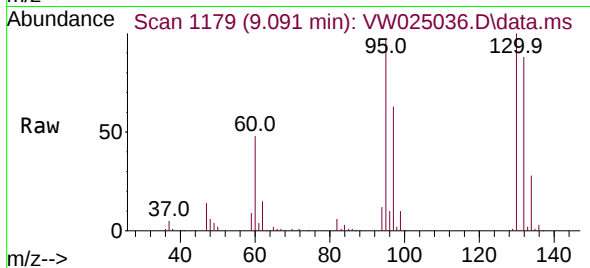
Ion Ratio Lower Upper

95 100

97 64.9 44.7 83.1

132 90.9 62.6 116.2

130 103.1 69.1 128.3



#35

Methylcyclohexane

Concen: 24.526 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

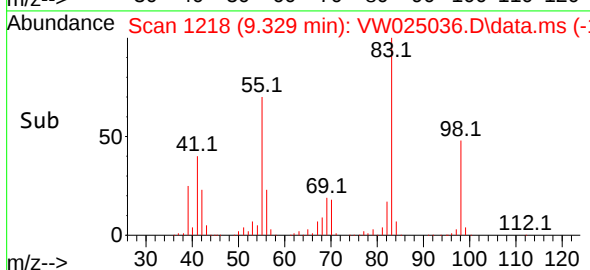
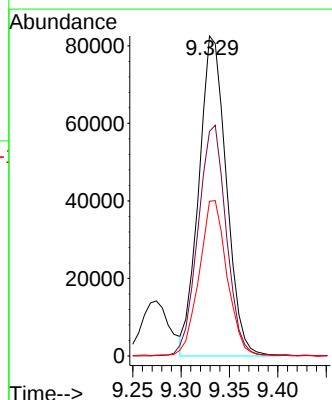
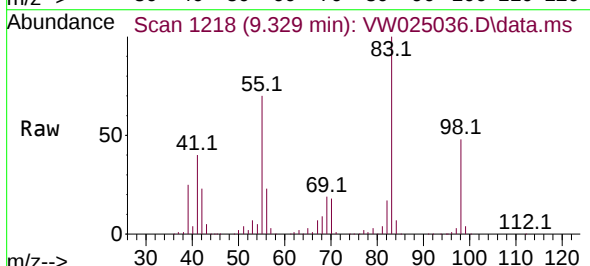
Tgt Ion: 83 Resp: 163543

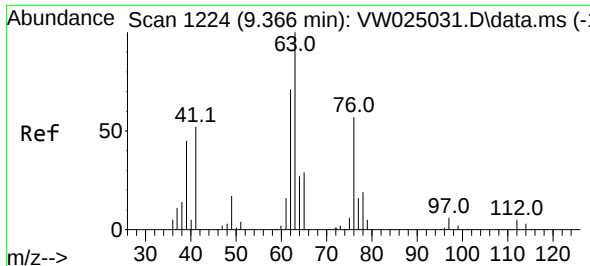
Ion Ratio Lower Upper

83 100

55 73.9 60.4 90.6

98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.235 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

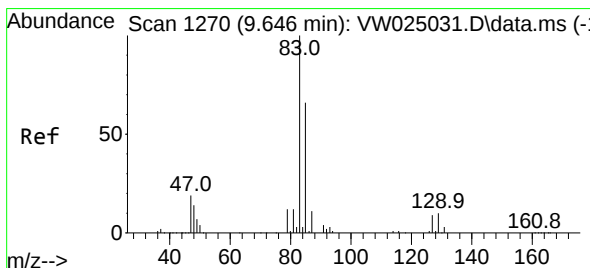
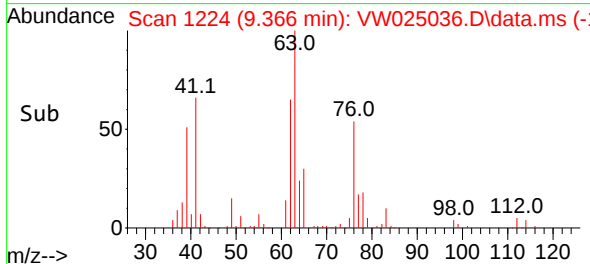
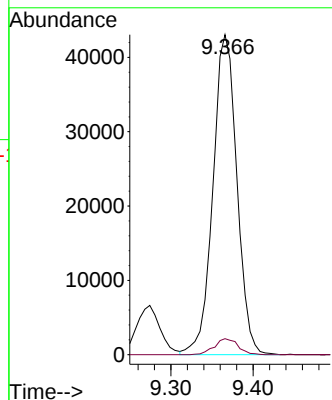
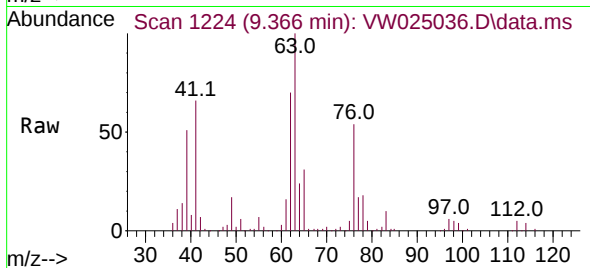
VSTD025493

Tgt Ion: 63 Resp: 87199

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



#38

Bromodichloromethane

Concen: 26.097 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

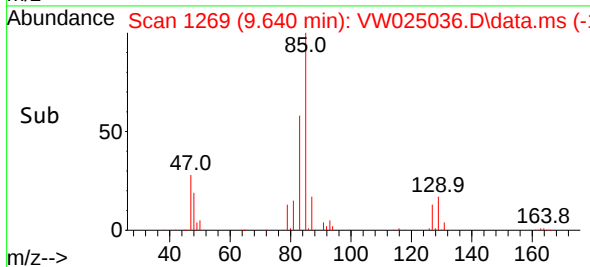
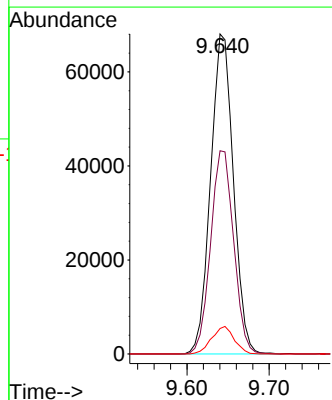
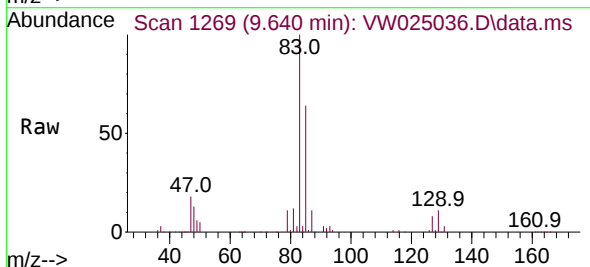
Tgt Ion: 83 Resp: 131050

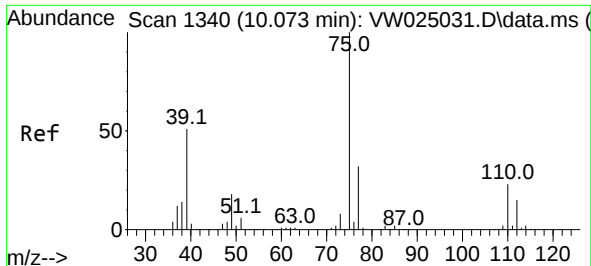
Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.0

127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.745 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

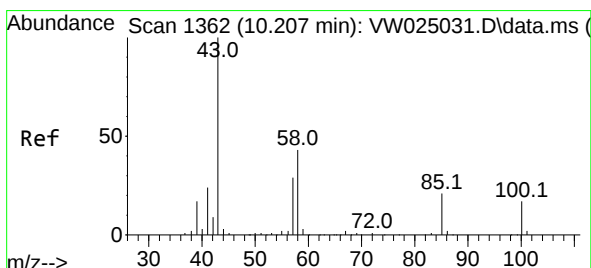
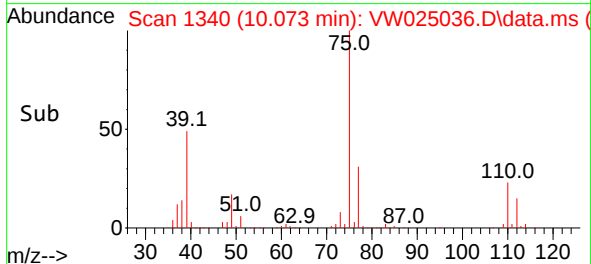
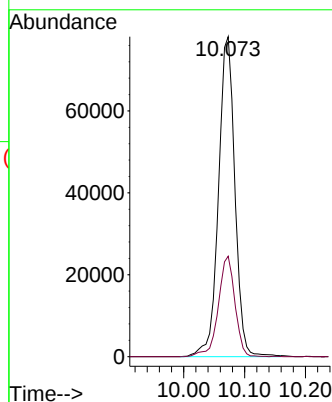
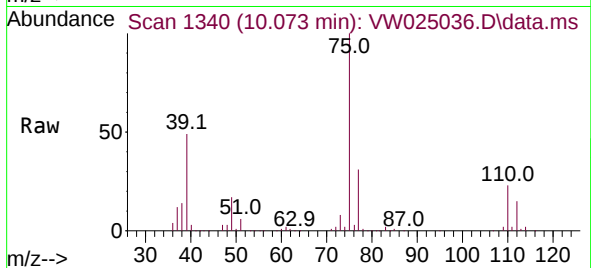
VSTD025493

Tgt Ion: 75 Resp: 146440

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 45.172 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

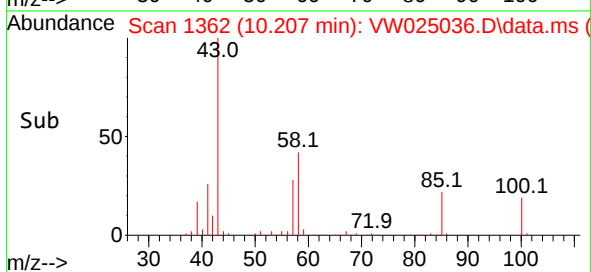
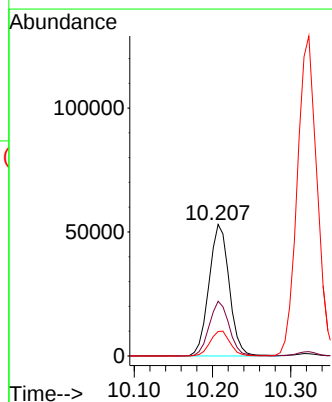
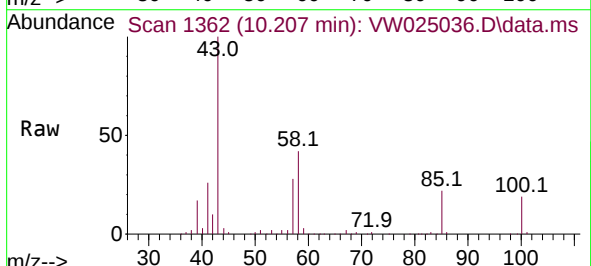
Tgt Ion: 43 Resp: 95378

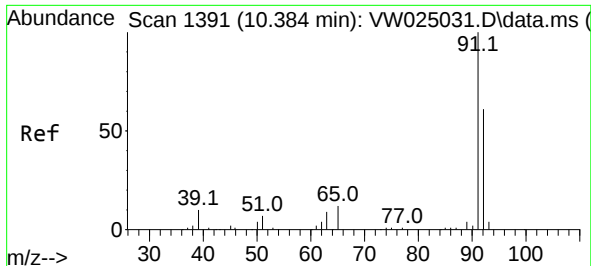
Ion Ratio Lower Upper

43 100

58 40.8 32.6 48.8

100 18.6 14.0 21.0

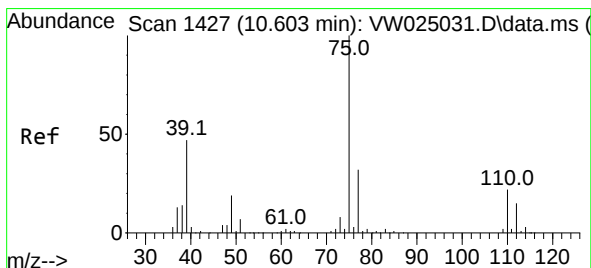
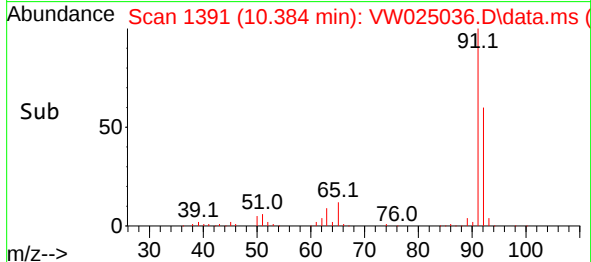
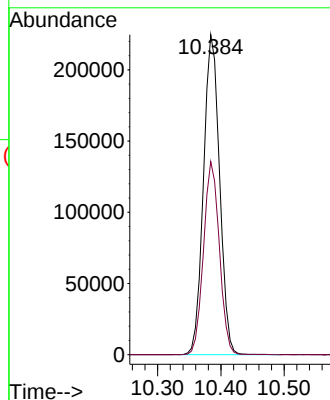
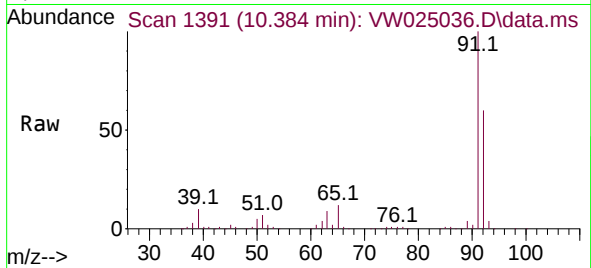




#42
Toluene
Concen: 25.332 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

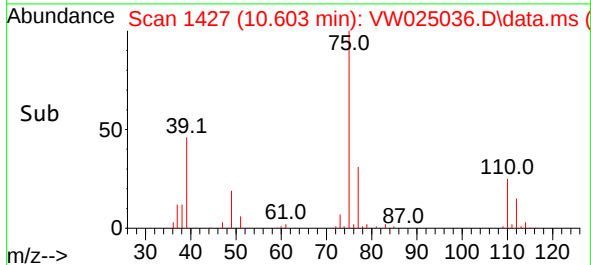
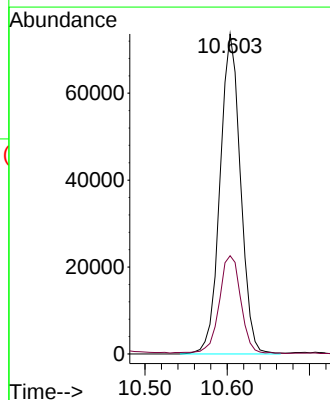
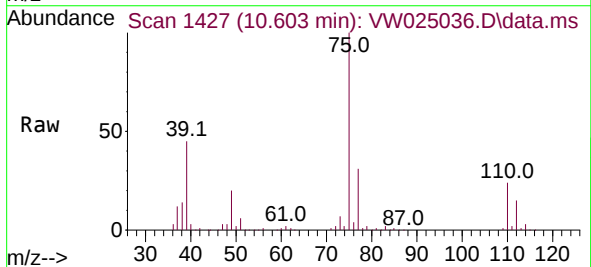
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

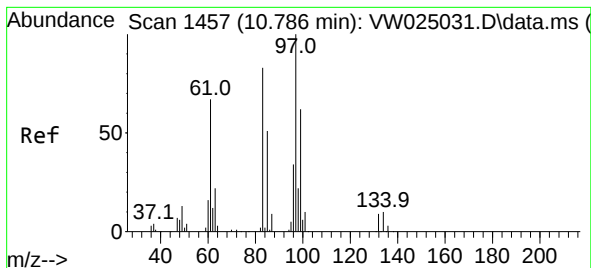
Tgt Ion: 91 Resp: 398682
Ion Ratio Lower Upper
91 100
92 60.4 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.243 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 75 Resp: 127650
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 24.877 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion: 97 Resp: 67584

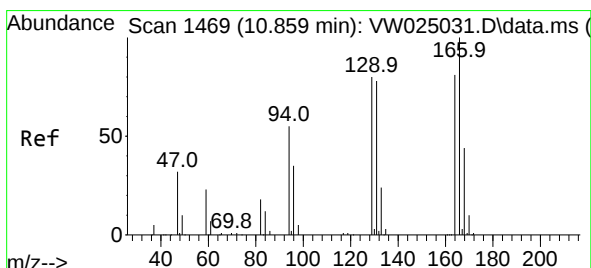
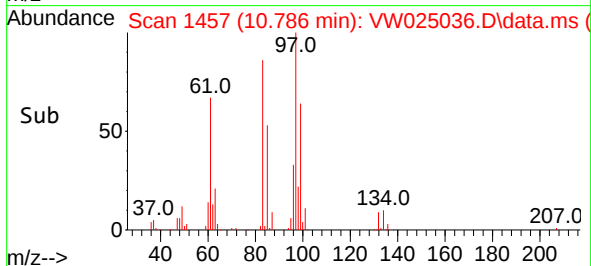
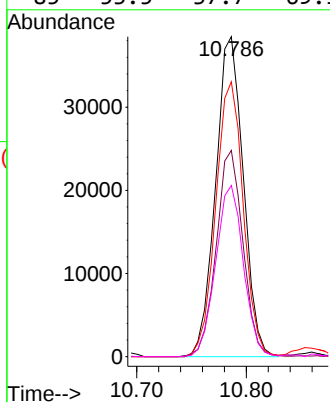
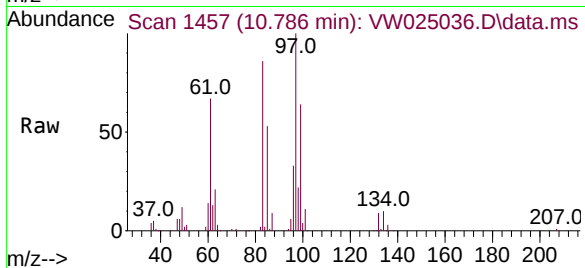
Ion Ratio Lower Upper

97 100

99 64.4 44.0 81.6

83 85.9 59.9 111.3

85 53.5 37.7 69.9



#46

Tetrachloroethene

Concen: 25.554 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Tgt Ion:164 Resp: 71718

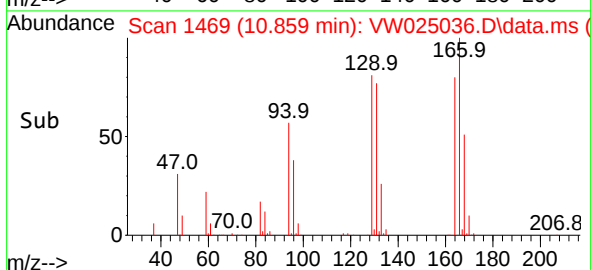
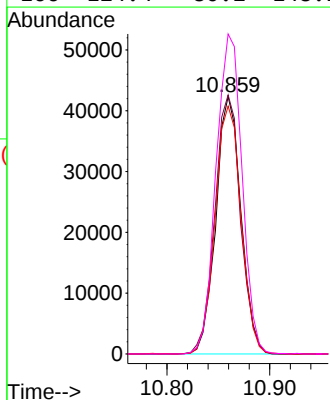
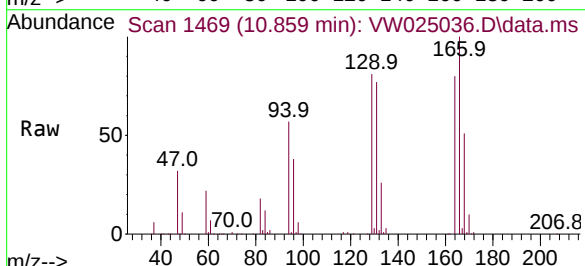
Ion Ratio Lower Upper

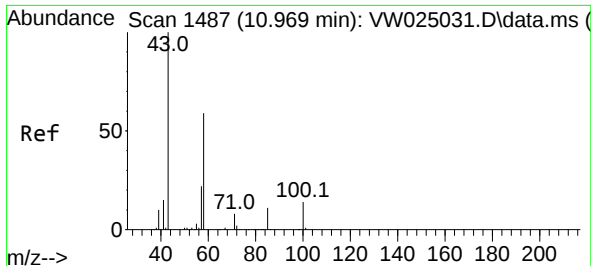
164 100

129 100.7 72.9 135.5

131 96.4 70.1 130.3

166 124.4 80.2 148.9

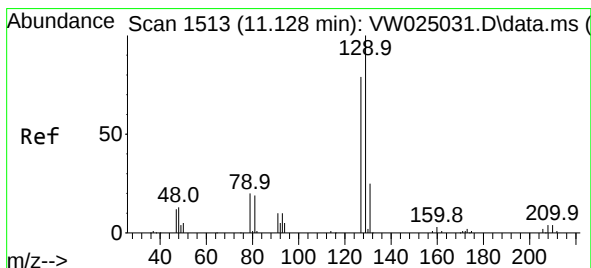
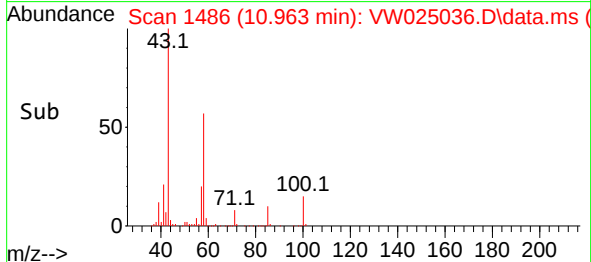
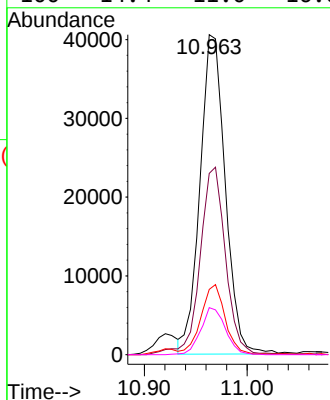
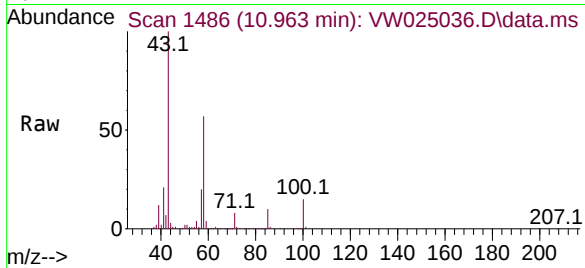




#48
2-Hexanone
Concen: 47.561 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

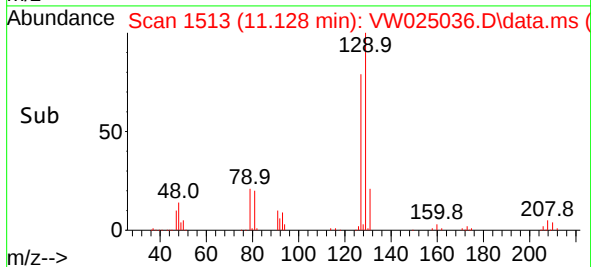
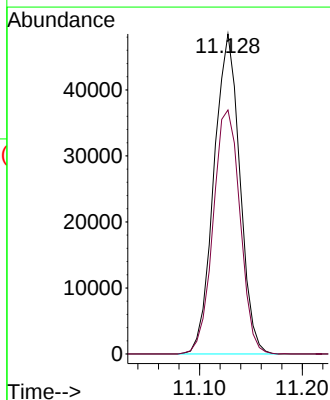
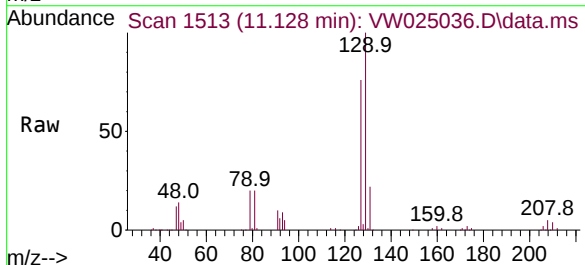
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

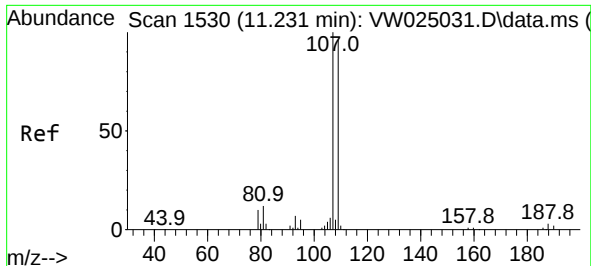
Tgt Ion: 43	Resp: 69451
Ion Ratio	Lower Upper
43 100	
58 56.7	46.1 69.1
57 21.0	16.2 24.2
100 14.4	11.0 16.6



#49
Dibromochloromethane
Concen: 25.608 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:129	Resp: 84803		
Ion Ratio	Lower	Upper	
129 100			
127 76.2	53.2	98.8	





#50

1,2-Dibromoethane

Concen: 23.979 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

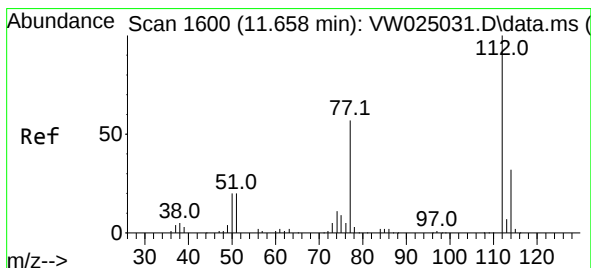
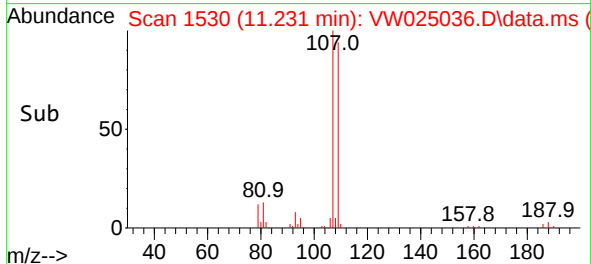
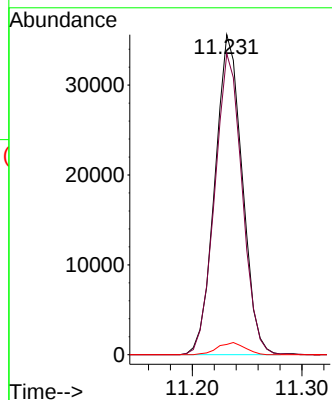
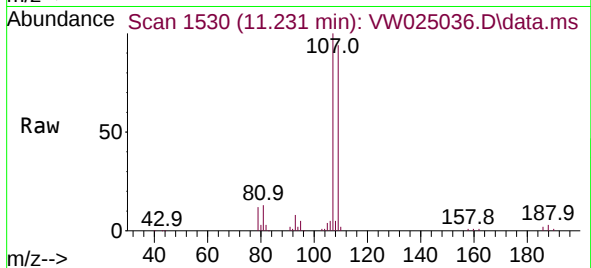
Tgt Ion:107 Resp: 61609

Ion Ratio Lower Upper

107 100

109 94.0 64.5 119.7

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 25.177 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

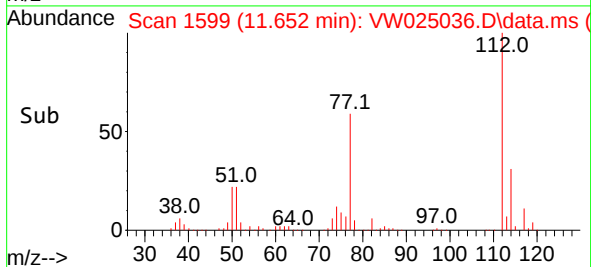
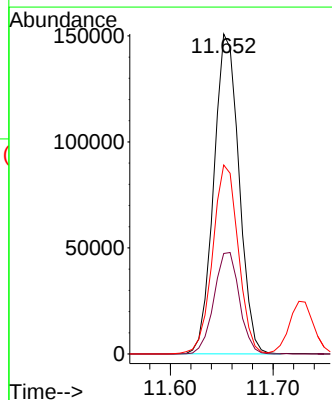
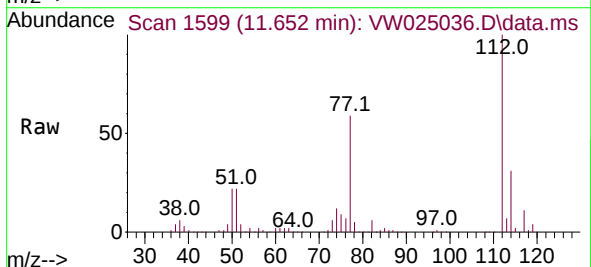
Tgt Ion:112 Resp: 256849

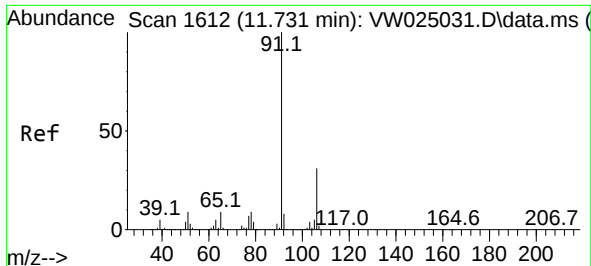
Ion Ratio Lower Upper

112 100

114 31.4 20.8 38.6

77 59.0 48.2 72.2

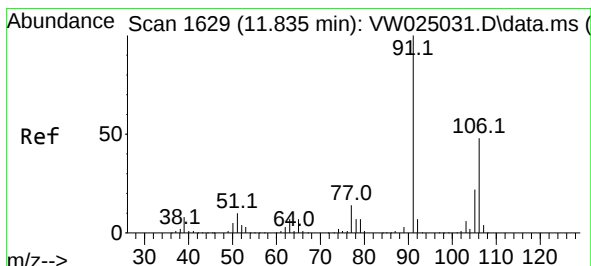
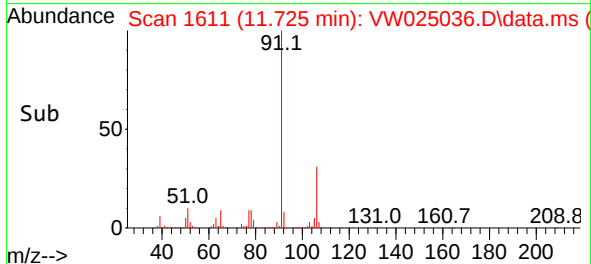
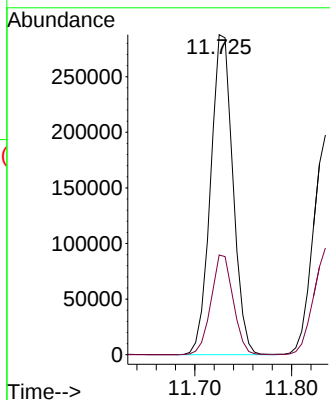
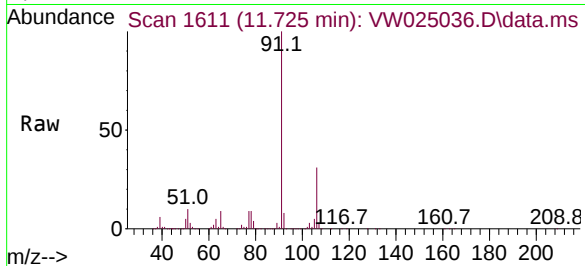




#52
Ethylbenzene
Concen: 25.463 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

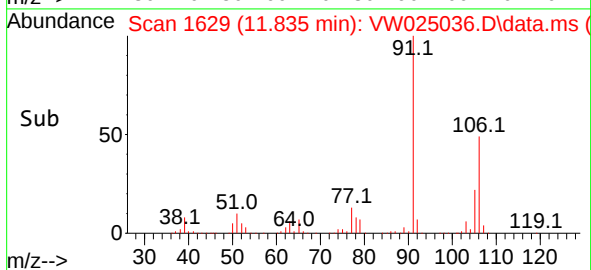
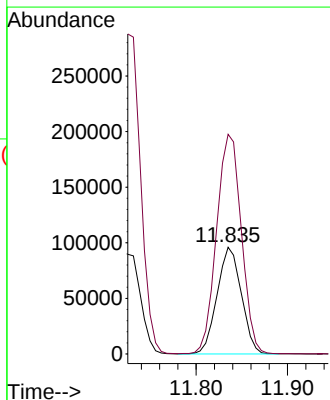
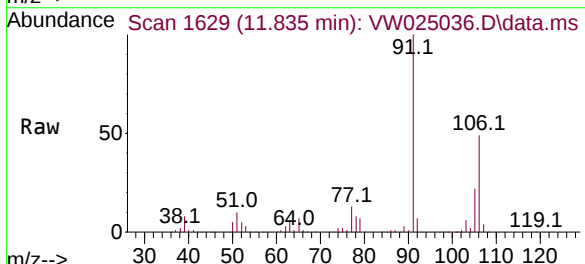
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

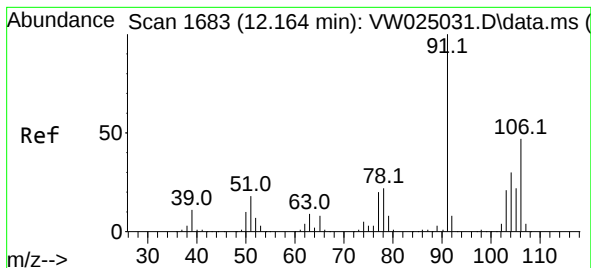
Tgt Ion: 91 Resp: 462589
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.5



#53
m,p-Xylene
Concen: 25.155 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:106 Resp: 176895
Ion Ratio Lower Upper
106 100
91 205.8 143.9 267.2





#54

o-Xylene

Concen: 25.574 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

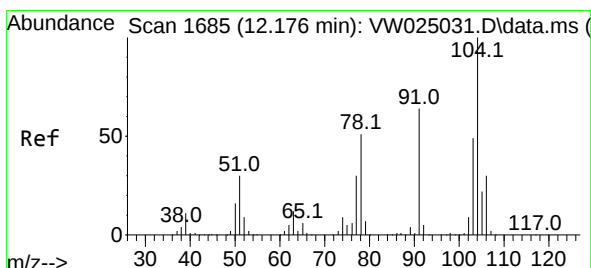
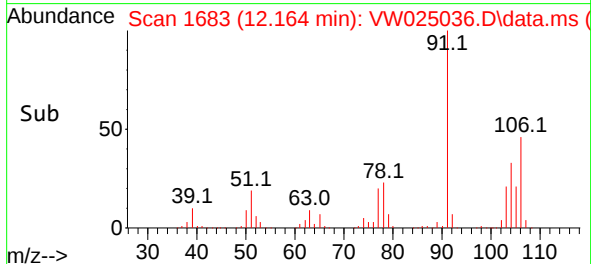
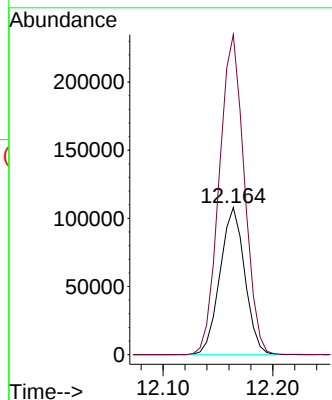
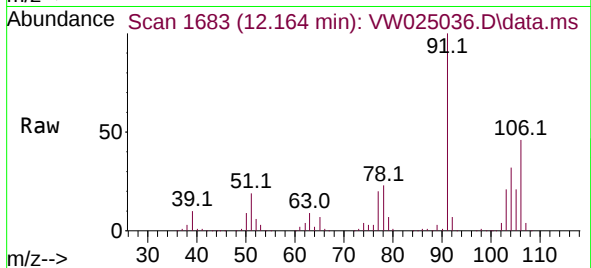
VSTD025493

Tgt Ion:106 Resp: 169670

Ion Ratio Lower Upper

106 100

91 217.4 153.5 285.1



#55

Styrene

Concen: 25.466 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025036.D

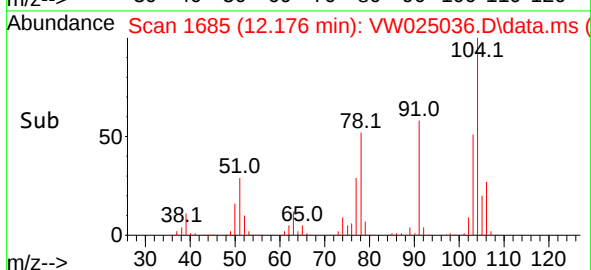
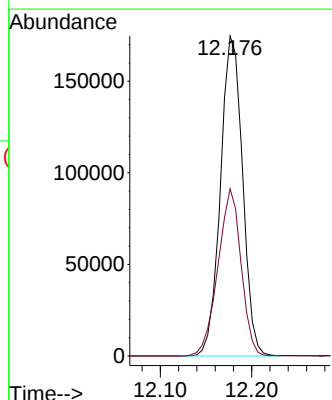
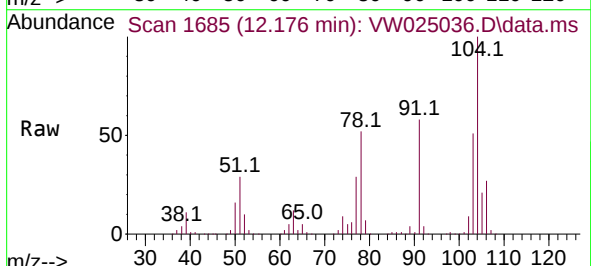
Acq: 11 Nov 2022 09:16

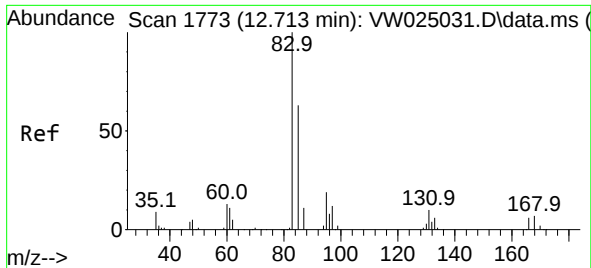
Tgt Ion:104 Resp: 293446

Ion Ratio Lower Upper

104 100

78 52.2 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.946 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

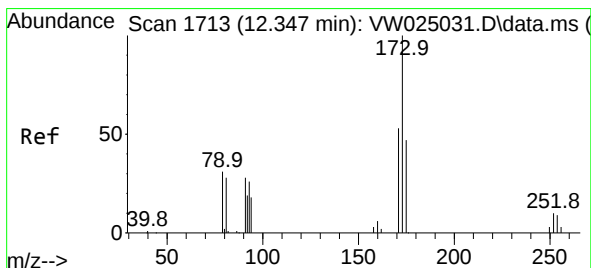
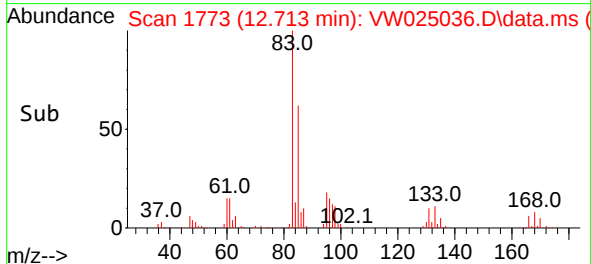
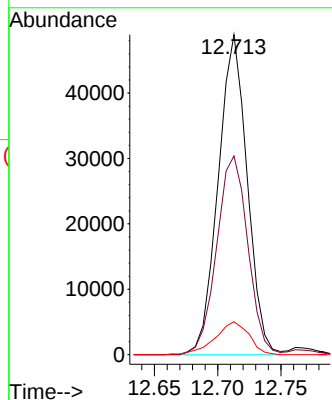
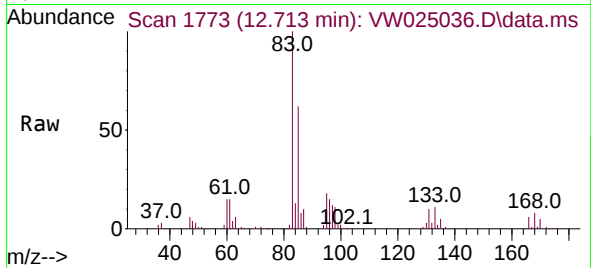
Tgt Ion: 83 Resp: 78040

Ion Ratio Lower Upper

83 100

85 62.1 46.4 86.2

131 10.3 8.2 12.4



#59

Bromoform

Concen: 24.334 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

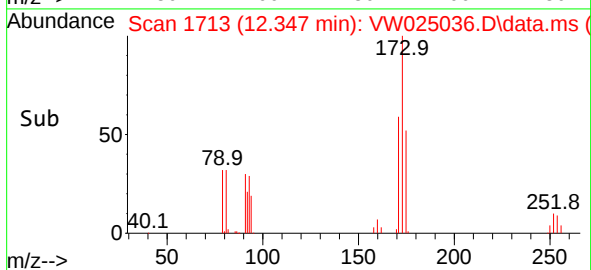
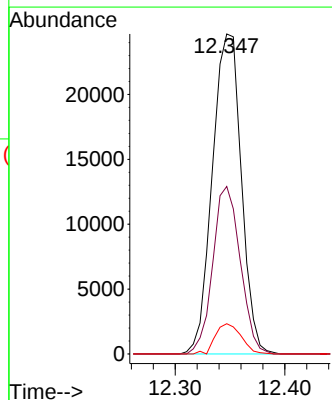
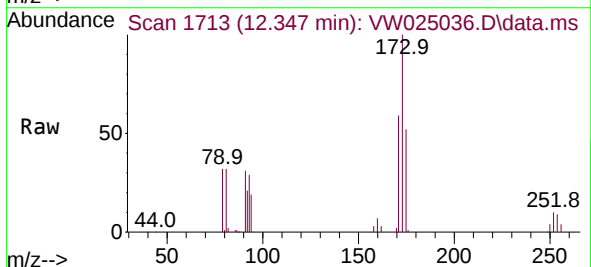
Tgt Ion: 173 Resp: 45340

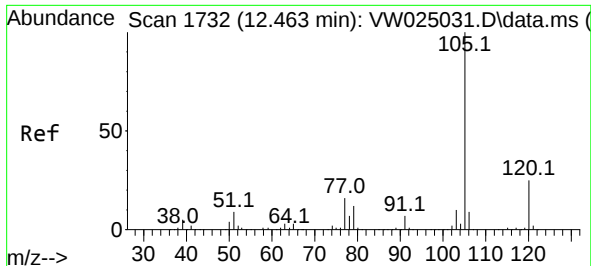
Ion Ratio Lower Upper

173 100

175 49.6 37.4 56.2

254 8.3 5.8 8.8

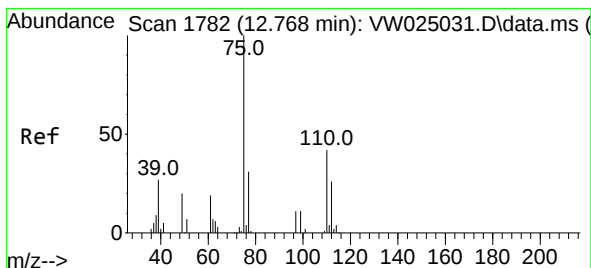
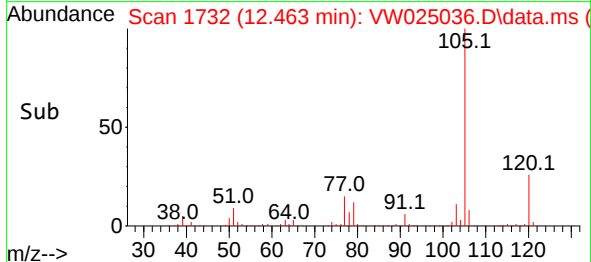
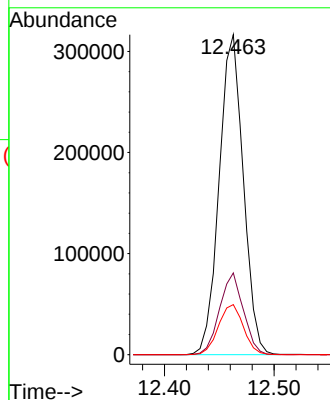
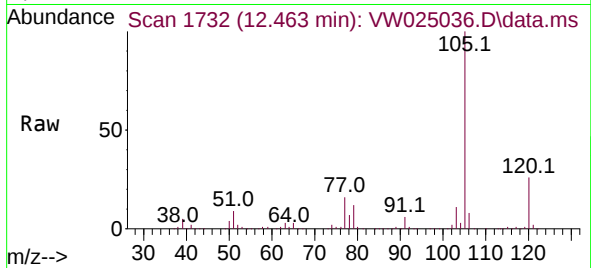




#60
Isopropylbenzene
Concen: 24.444 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

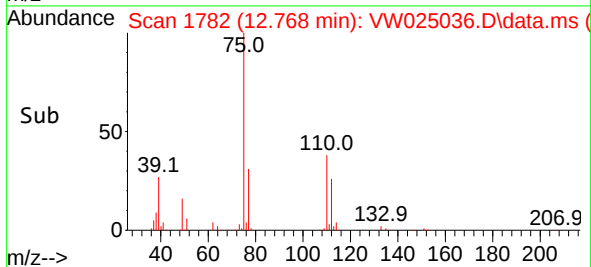
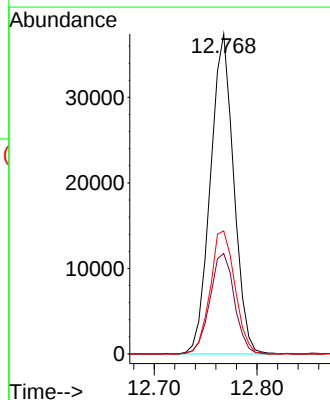
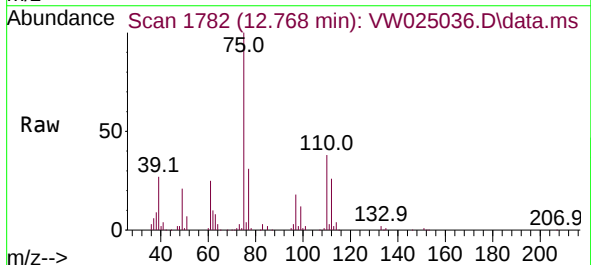
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

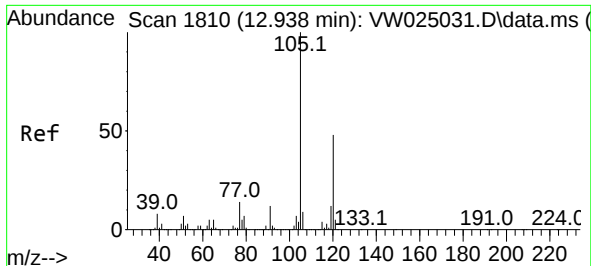
Tgt Ion:105 Resp: 484118
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 22.258 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion: 75 Resp: 58909
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 40.8 31.7 47.5

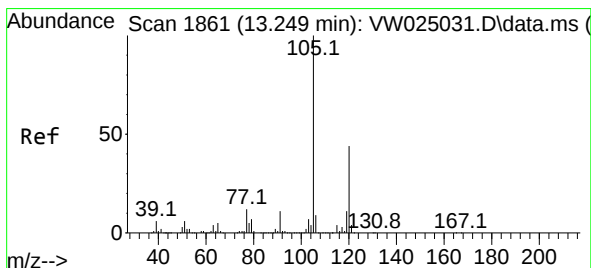
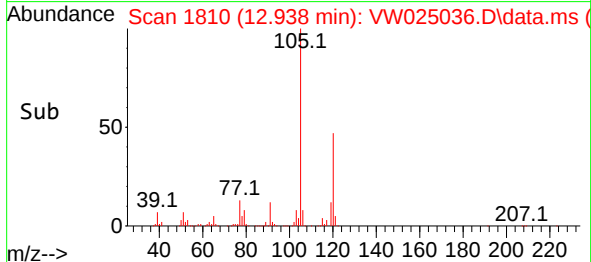
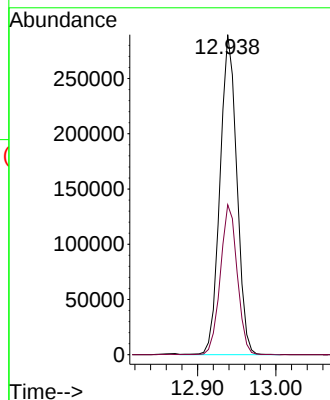
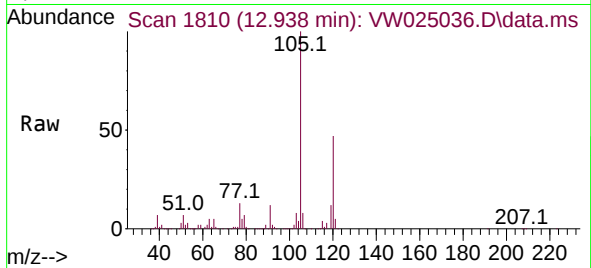




#62
1,3,5-Trimethylbenzene
Concen: 25.197 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

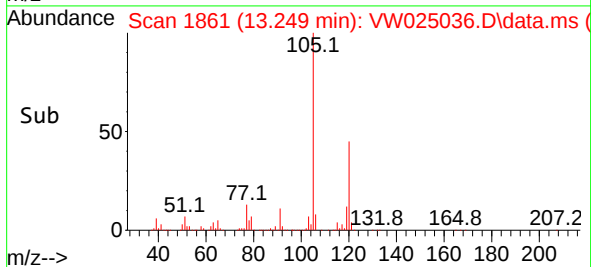
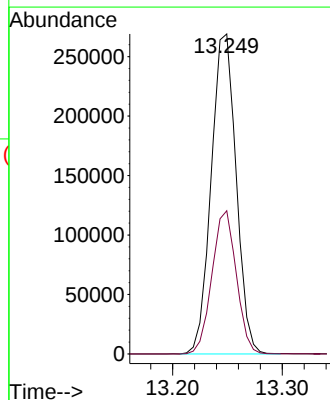
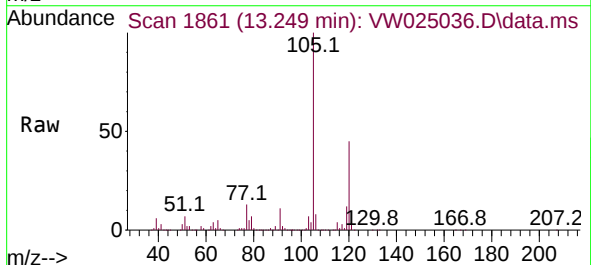
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

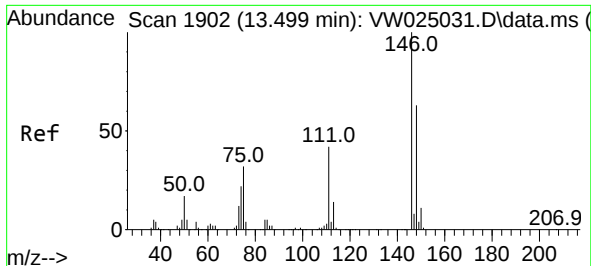
Tgt Ion:105 Resp: 433204
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 25.213 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:105 Resp: 425064
Ion Ratio Lower Upper
105 100
120 43.6 35.7 53.5

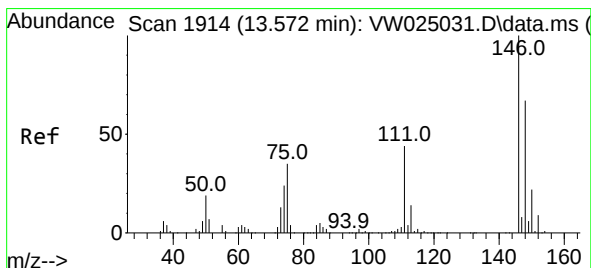
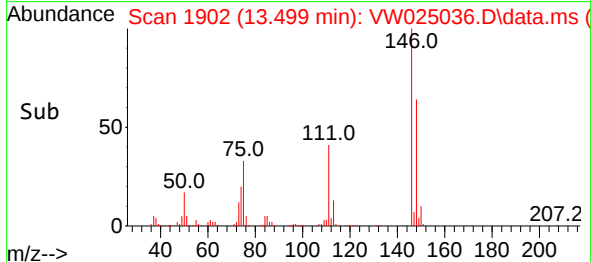
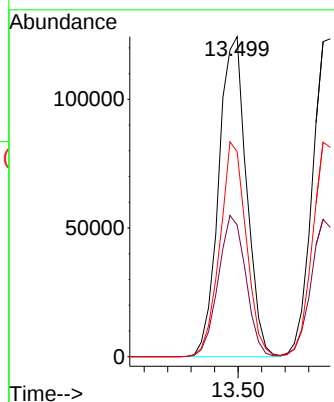
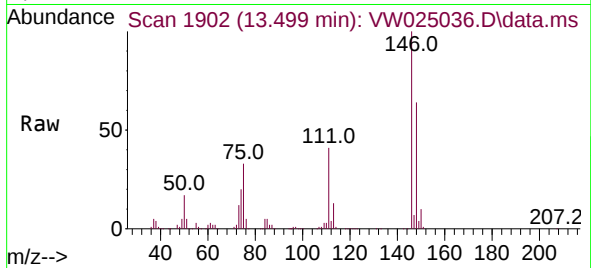




#64
1,3-Dichlorobenzene
Concen: 24.683 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

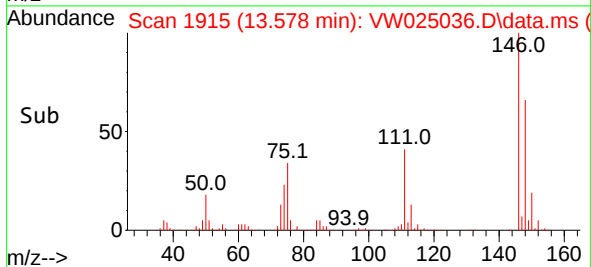
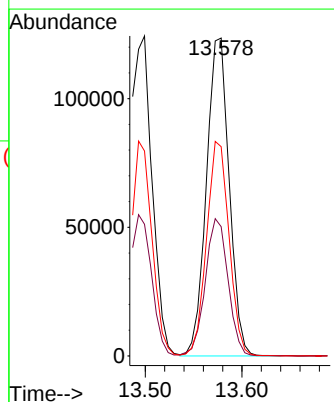
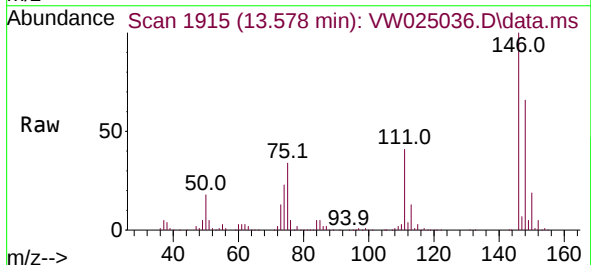
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

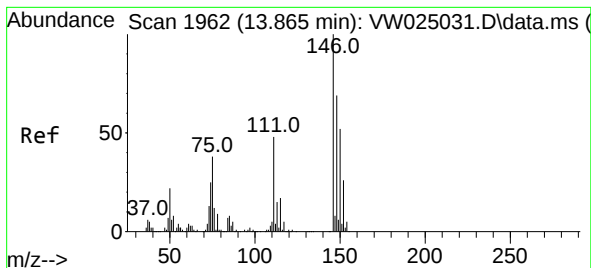
Tgt Ion:146 Resp: 203889
Ion Ratio Lower Upper
146 100
111 41.1 31.1 57.7
148 64.0 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.589 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:146 Resp: 202668
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.6
148 65.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.279 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

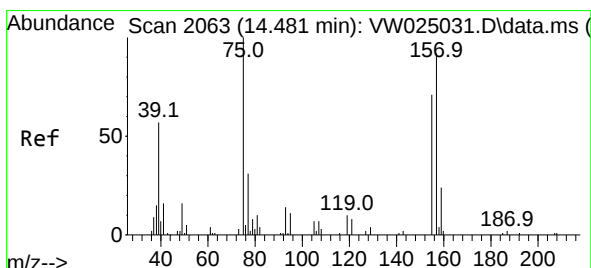
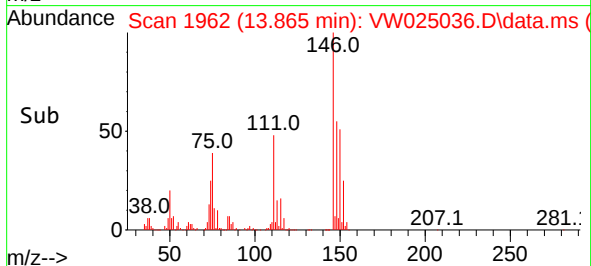
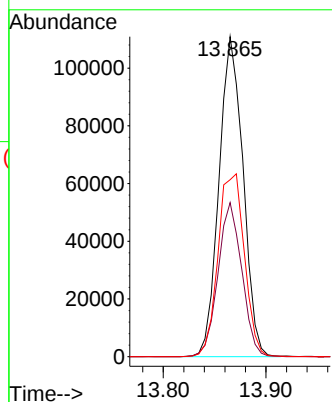
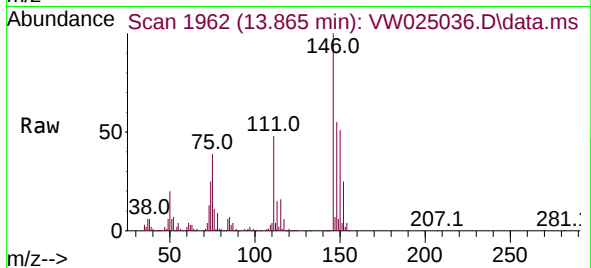
Tgt Ion:146 Resp: 180326

Ion Ratio Lower Upper

146 100

111 48.1 34.2 51.4

148 55.3 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.819 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025036.D

Acq: 11 Nov 2022 09:16

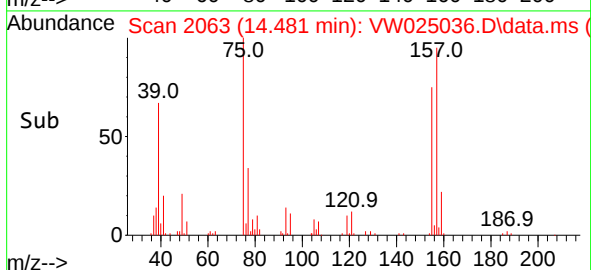
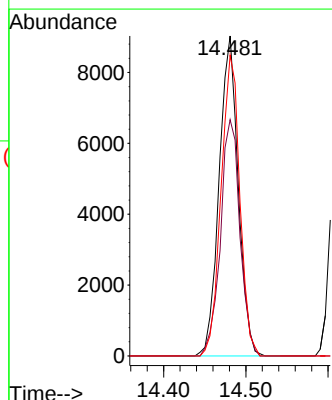
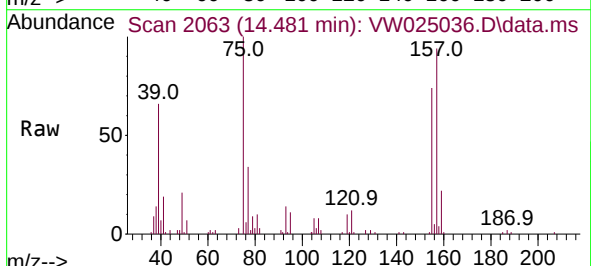
Tgt Ion: 75 Resp: 14568

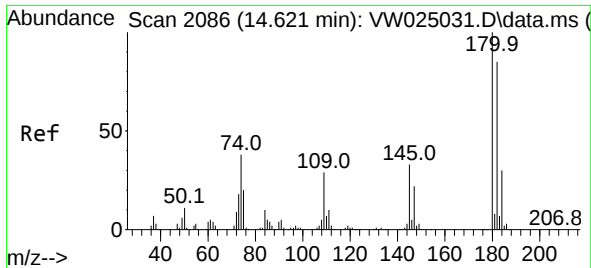
Ion Ratio Lower Upper

75 100

155 73.8 61.2 91.8

157 94.0 72.4 108.6

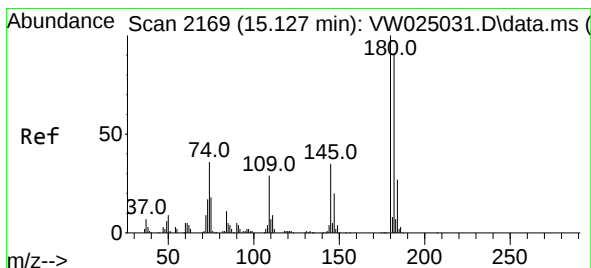
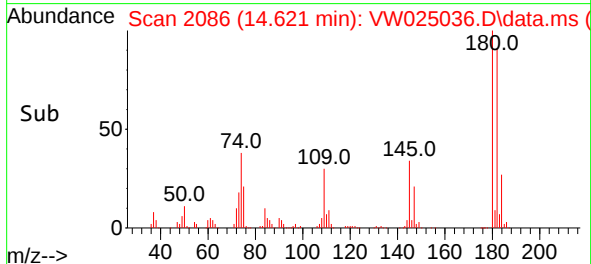
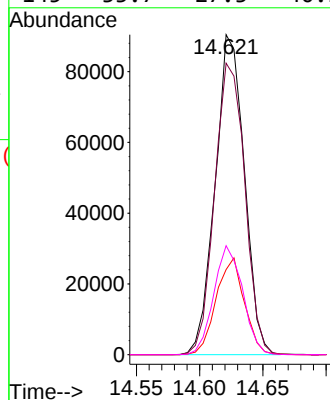
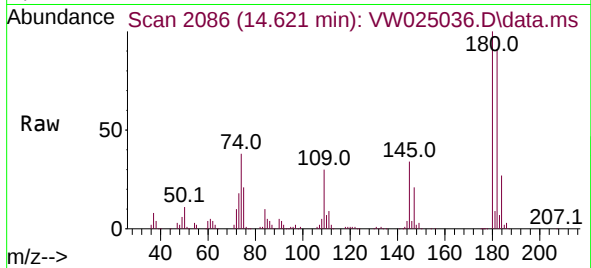




#69
1,3,5-Trichlorobenzene
Concen: 26.542 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

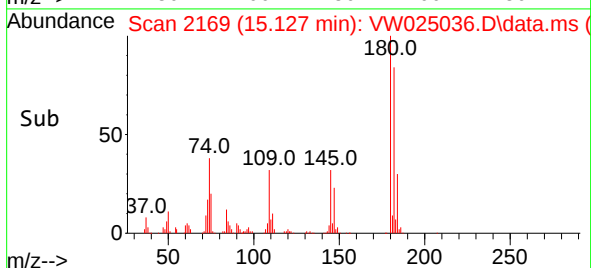
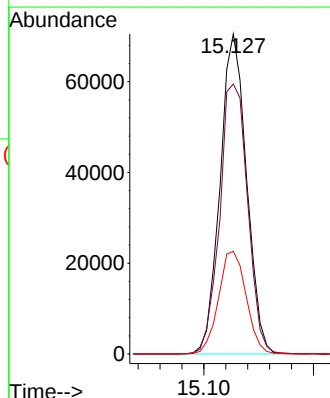
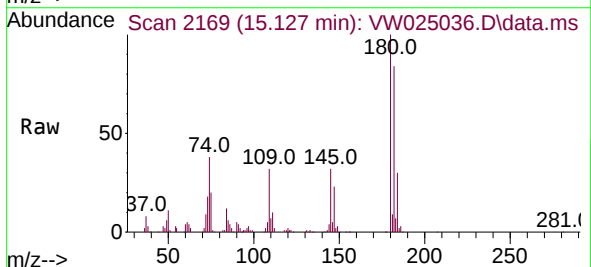
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

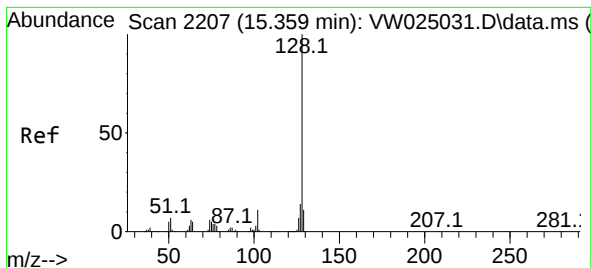
Tgt Ion:180 Resp: 145219
Ion Ratio Lower Upper
180 100
182 94.1 75.7 113.5
184 29.3 23.4 35.2
145 33.7 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 27.823 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:180 Resp: 118317
Ion Ratio Lower Upper
180 100
182 89.0 74.9 112.3
145 33.5 27.0 40.4

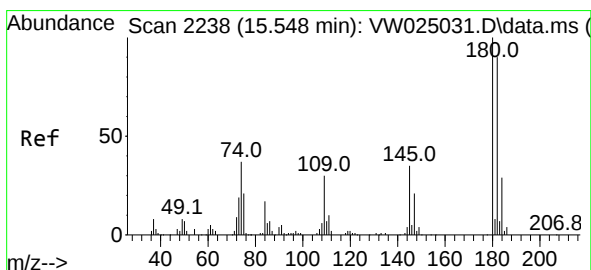
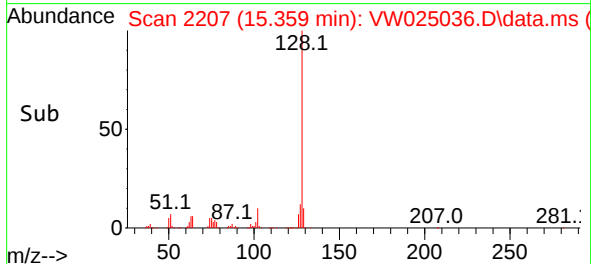
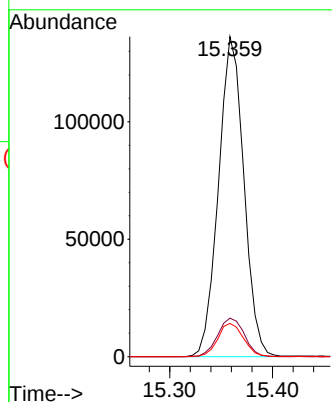
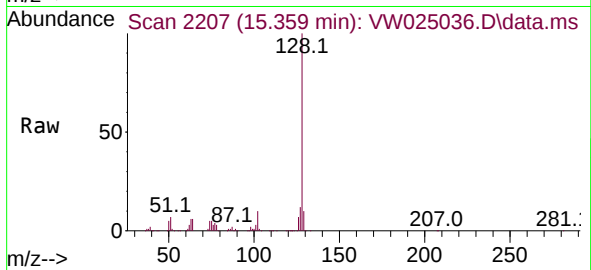




#71
Naphthalene
Concen: 26.006 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Tgt Ion:128 Resp: 233288
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.620 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025036.D
Acq: 11 Nov 2022 09:16

Tgt Ion:180 Resp: 98635
Ion Ratio Lower Upper
180 100
182 95.8 74.1 111.1
145 35.4 28.2 42.2

