

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011922\
 Data File : VW021995.D
 Acq On : 19 Jan 2022 08:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Jan 20 00:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	115106	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	114665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42526	19.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
7) Chloroethane-d5	2.885	69	33921	17.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	4.025	63	78733	23.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.240%
21) 2-Butanone-d5	7.086	46	18233	60.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.760%
24) Chloroform-d	7.653	84	91925	24.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.311	65	45116	25.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.275	84	174206	23.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.274	67	47232	24.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	10.323	98	170587	22.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.579	79	20107	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.927	63	15792	59.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40591	26.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	64456	23.971	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7224	15.920	ug/L	92
3) Chloromethane	2.215	50	34366	20.888	ug/L	99
5) Vinyl chloride	2.361	62	52258	22.111	ug/L	97
6) Bromomethane	2.782	94	35852	21.453	ug/L	94
8) Chloroethane	2.922	64	27969	19.581	ug/L	93
9) Trichlorofluoromethane	3.269	101	46415	26.427	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	45655	23.881	ug/L	92
12) 1,1-Dichloroethene	4.044	96	41473	24.139	ug/L	79
13) Acetone	4.135	43	14242	57.086	ug/L	85
14) Carbon disulfide	4.391	76	105019	23.347	ug/L	98
15) Methyl Acetate	4.678	43	13127	26.034	ug/L	# 84
16) Methylene chloride	4.915	84	41637	21.136	ug/L	80
17) trans-1,2-Dichloroethene	5.434	96	44350	23.889	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	59489	25.127	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	70540	25.908	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	47980	25.122	ug/L	69
22) 2-Butanone	7.183	43	19023	59.653	ug/L	78
23) Bromochloromethane	7.519	128	23299	24.518	ug/L	# 61
25) Chloroform	7.677	83	81993	25.452	ug/L	97

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 Response via : Initial Calibration

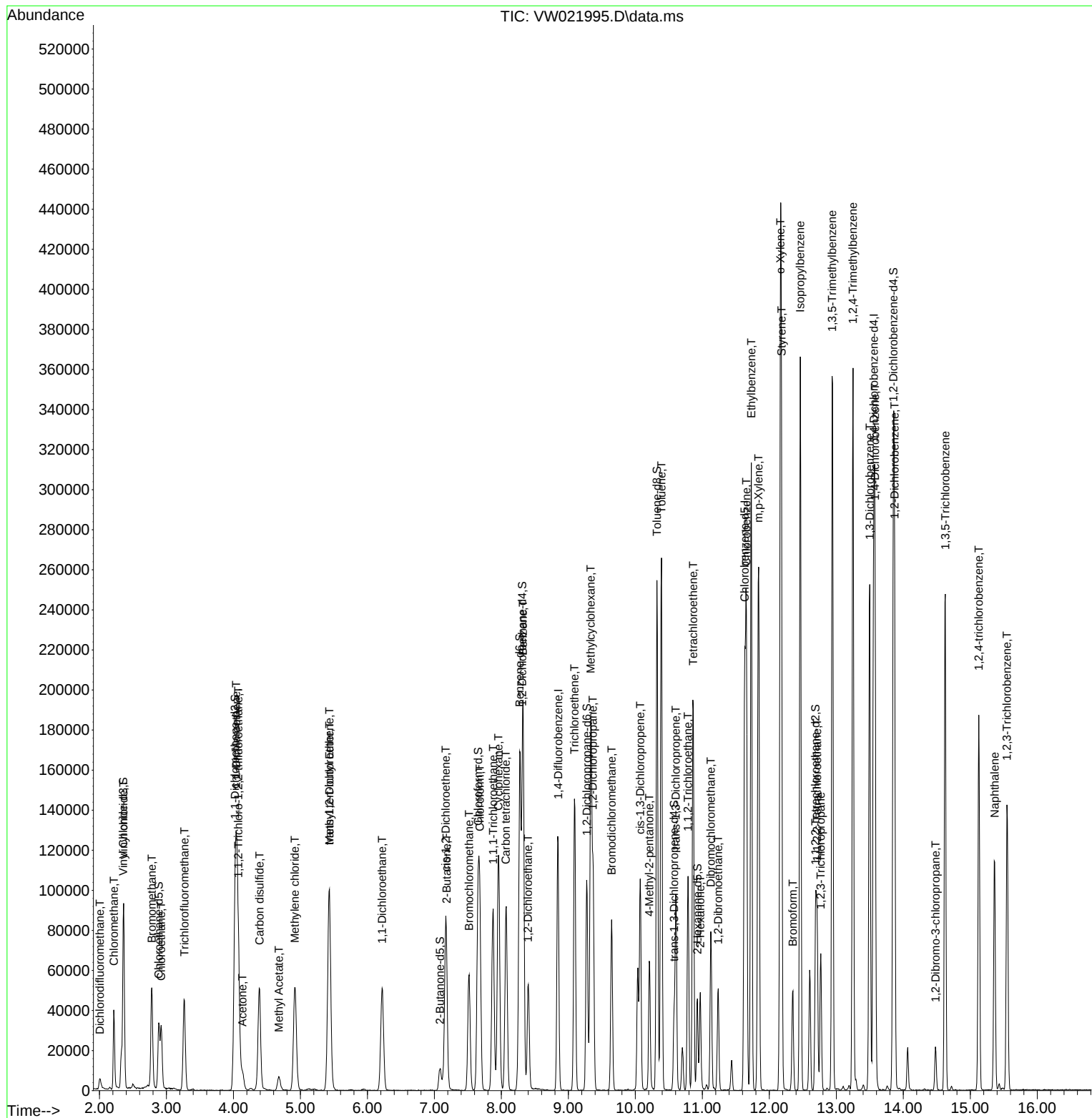
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27) 1,2-Dichloroethane	8.396	62	48566	26.034	ug/L	97
29) Cyclohexane	7.958	56	63989	24.945	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	74532	25.077	ug/L #	92
31) Carbon tetrachloride	8.067	117	70325	24.417	ug/L	98
33) Benzene	8.323	78	171565	24.401	ug/L	100
34) Trichloroethene	9.091	95	49376	24.205	ug/L	94
35) Methylcyclohexane	9.335	83	82983	24.738	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	38839	25.356	ug/L #	95
38) Bromodichloromethane	9.646	83	54081	25.292	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	62445	26.236	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	39861	55.398	ug/L #	88
42) Toluene	10.390	91	197737	25.075	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	52934	26.572	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33132	25.477	ug/L	96
46) Tetrachloroethene	10.866	164	46543	23.074	ug/L	92
48) 2-Hexanone	10.969	43	27883	56.636	ug/L #	85
49) Dibromochloromethane	11.128	129	41952	25.602	ug/L	89
50) 1,2-Dibromoethane	11.237	107	33457	25.917	ug/L #	98
51) Chlorobenzene	11.658	112	135269	24.294	ug/L	91
52) Ethylbenzene	11.731	91	222062	25.349	ug/L	97
53) m,p-Xylene	11.841	106	92428	25.232	ug/L	83
54) o-Xylene	12.164	106	88223	25.942	ug/L	89
55) Styrene	12.182	104	143026	25.475	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	36677	26.212	ug/L #	95
59) Bromoform	12.353	173	23731	26.617	ug/L	98
60) Isopropylbenzene	12.463	105	237400	26.659	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	26533	28.391	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	198306	26.892	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	195138	26.831	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	111574	24.920	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	106502	24.092	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	96261	24.556	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4935	27.345	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.627	180	79285	23.826	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	60855	22.951	ug/L	99
71) Naphthalene	15.365	128	104192	25.474	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	50559	23.090	ug/L	98

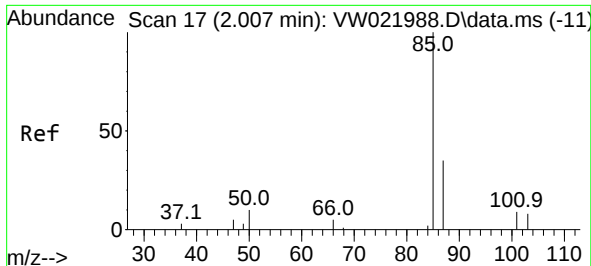
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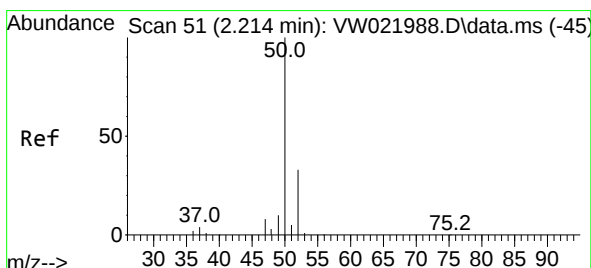
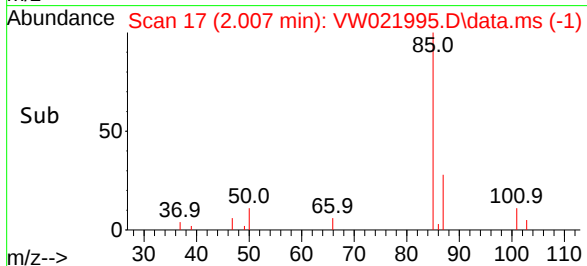
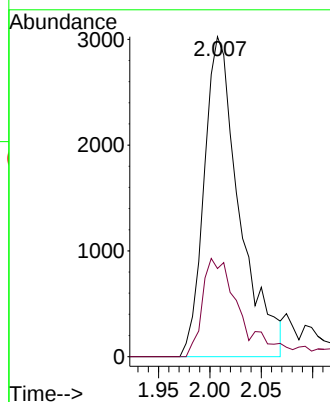
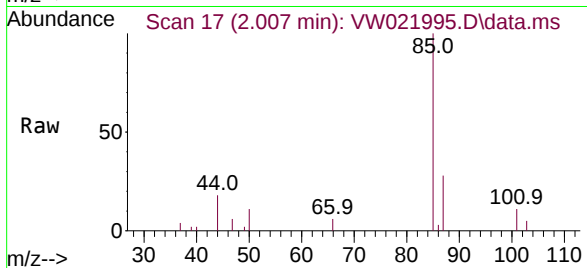




#2
Dichlorodifluoromethane
Concen: 15.920 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

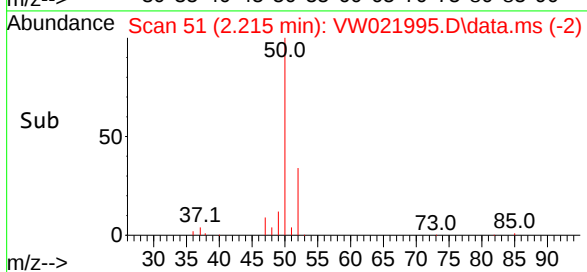
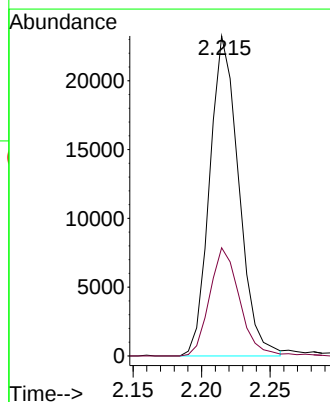
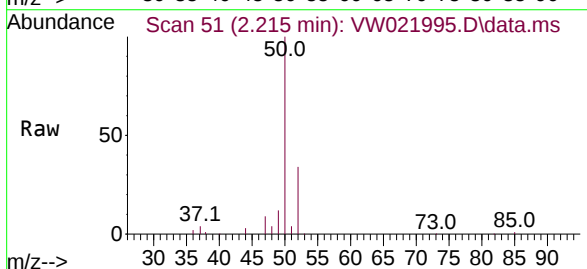
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MSVOA_W
ClientSampleId :
VSTD025546

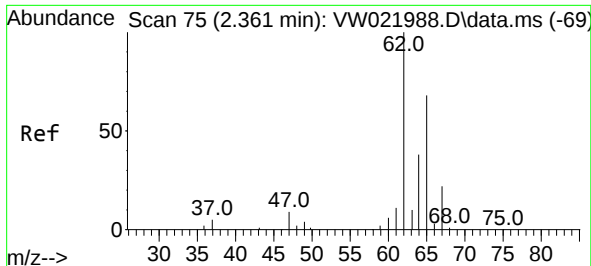
Tgt Ion: 85 Resp: 7224
Ion Ratio Lower Upper
85 100
87 27.6 25.8 38.6



#3
Chloromethane
Concen: 20.888 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 50 Resp: 34366
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.6

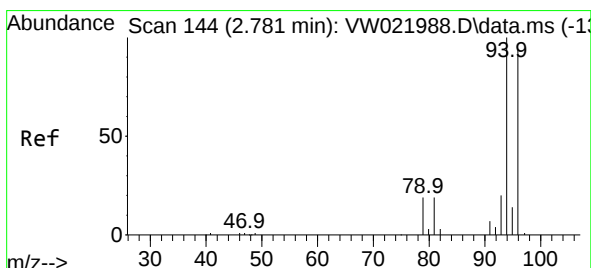
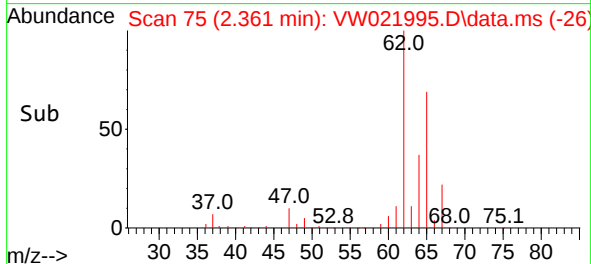
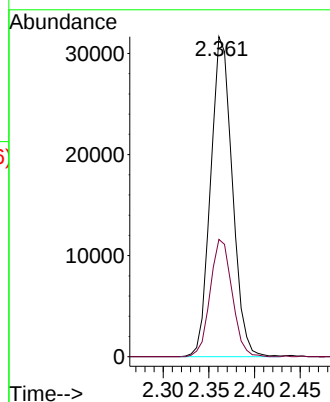
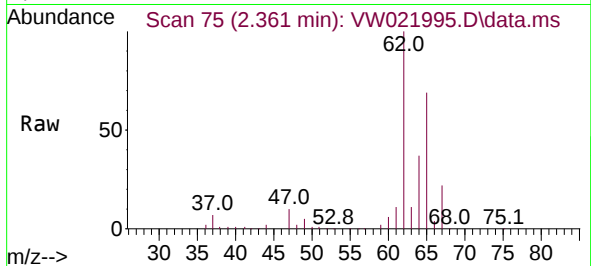




#5
 Vinyl chloride
 Concen: 22.111 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

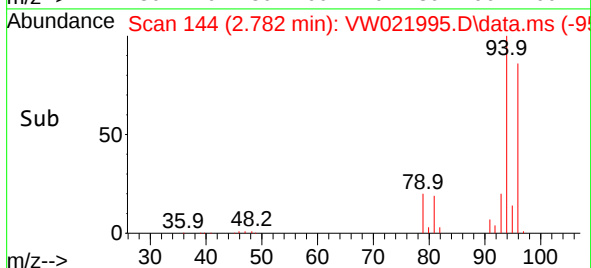
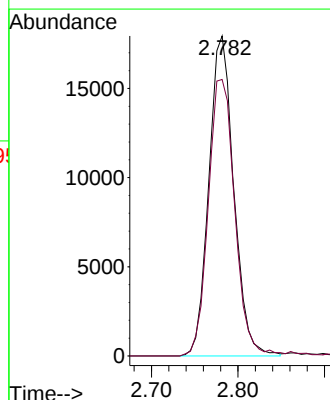
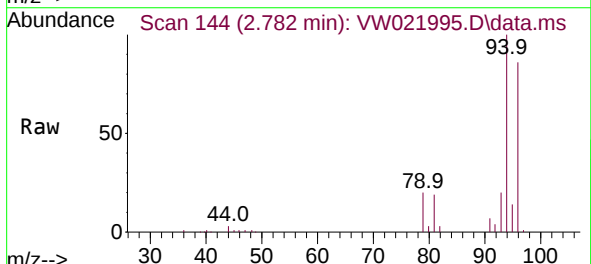
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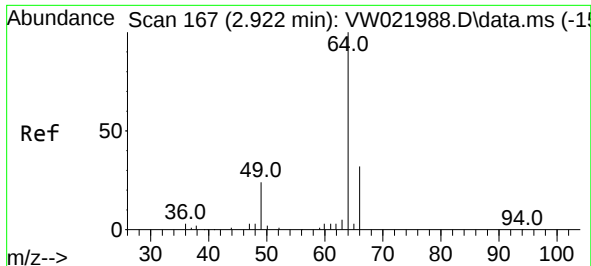
Tgt Ion: 62 Resp: 52258
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.4 45.2



#6
 Bromomethane
 Concen: 21.453 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

Tgt Ion: 94 Resp: 35852
 Ion Ratio Lower Upper
 94 100
 96 86.4 64.8 120.4

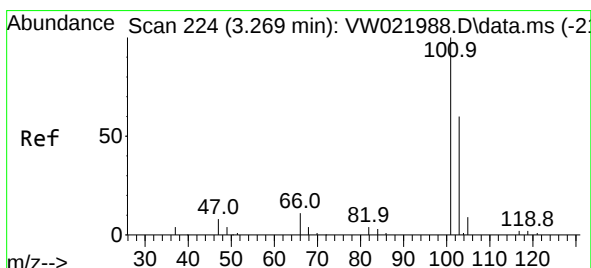
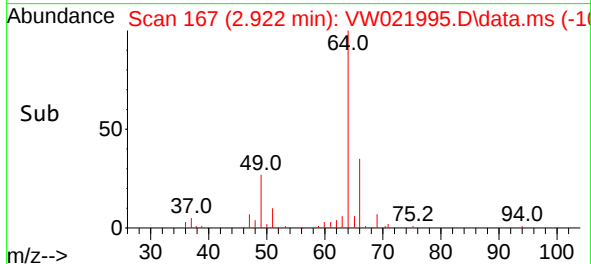
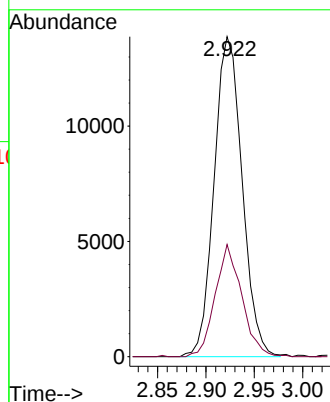
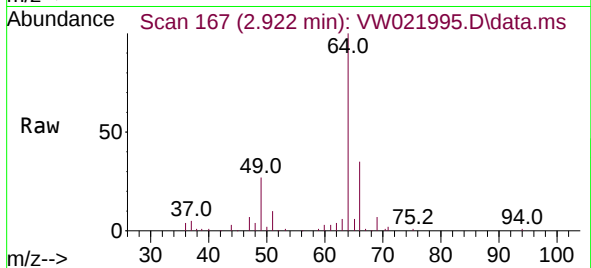




#8
Chloroethane
Concen: 19.581 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

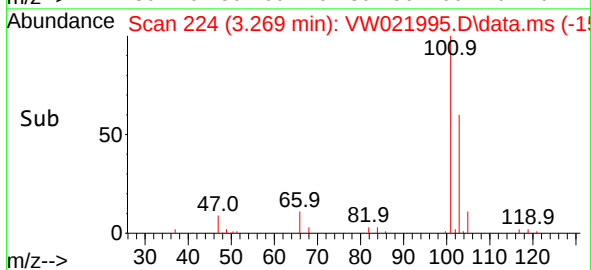
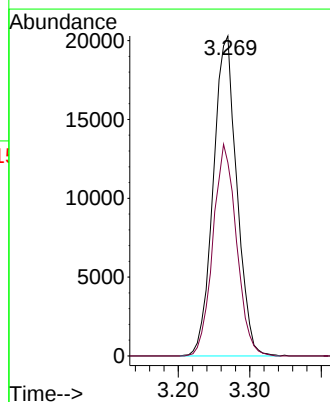
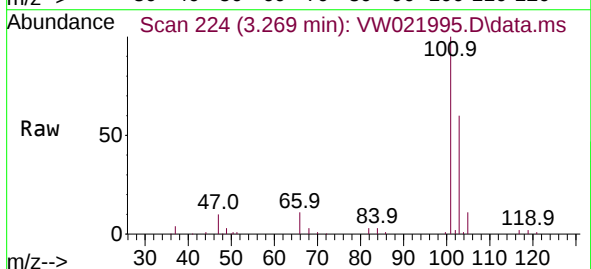
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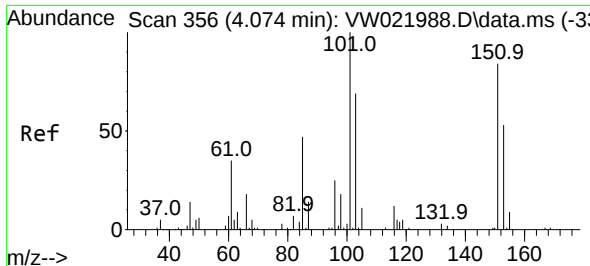
Tgt Ion: 64 Resp: 27969
Ion Ratio Lower Upper
64 100
66 35.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.427 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion:101 Resp: 46415
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

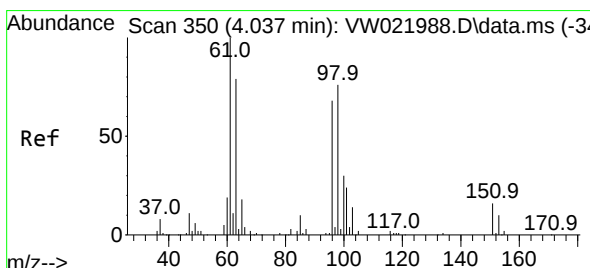
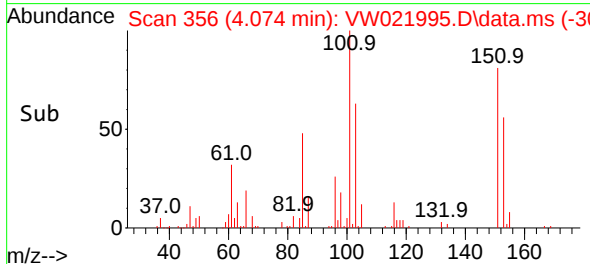
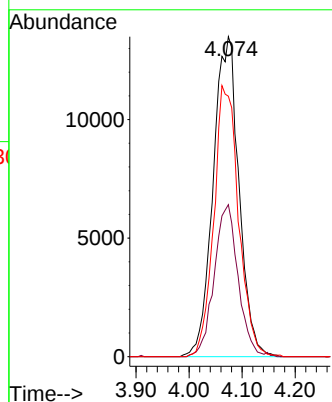
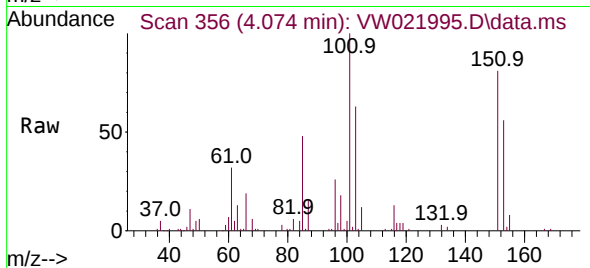




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.881 ug/L
 RT: 4.074 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

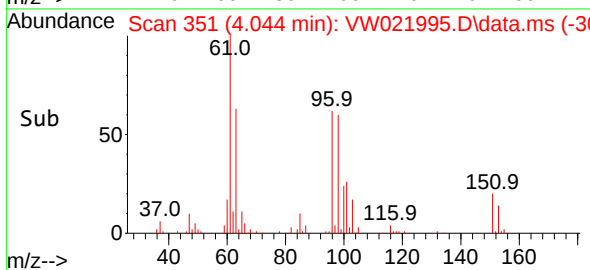
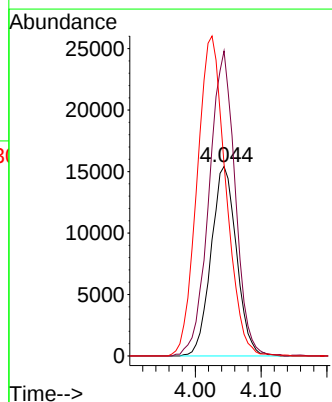
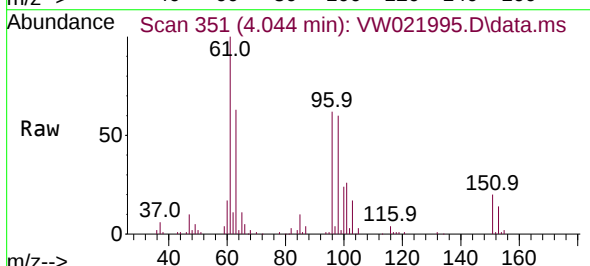
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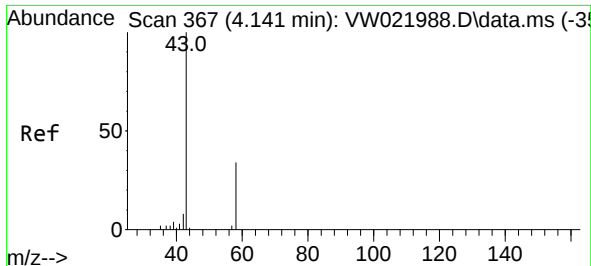
Tgt Ion:101 Resp: 45655
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.6 54.8
 151 81.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.139 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

Tgt Ion: 96 Resp: 41473
 Ion Ratio Lower Upper
 96 100
 61 160.9 138.3 256.9
 63 101.3 82.6 153.4





#13

Acetone

Concen: 57.086 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

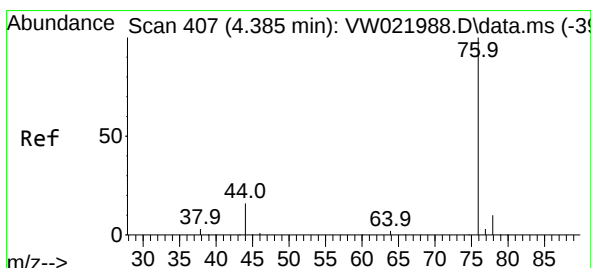
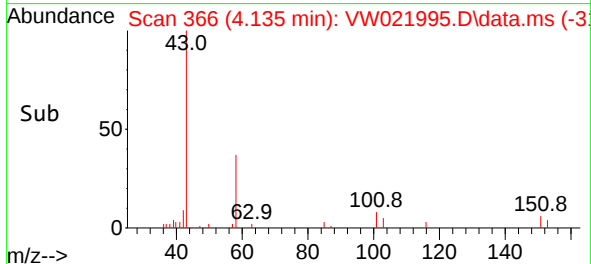
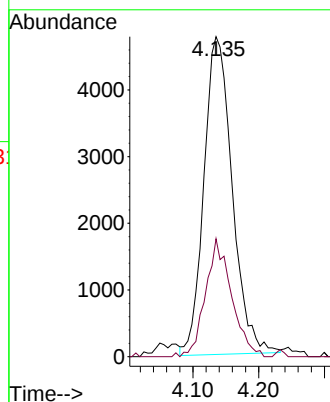
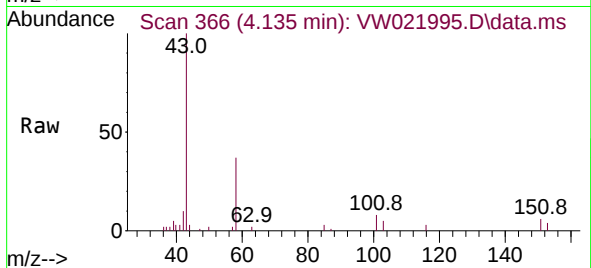
VSTD025546

Tgt Ion: 43 Resp: 14242

Ion Ratio Lower Upper

43 100

58 34.0 0.0 52.8



#14

Carbon disulfide

Concen: 23.347 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW021995.D

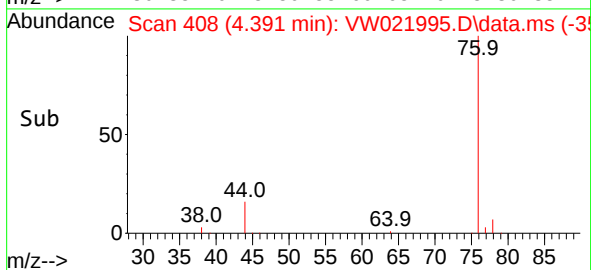
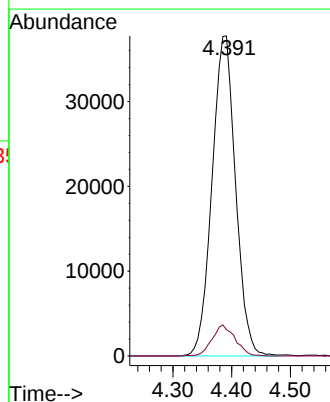
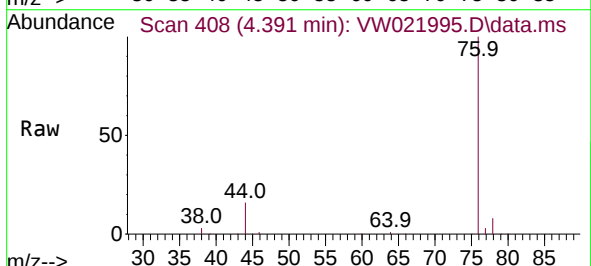
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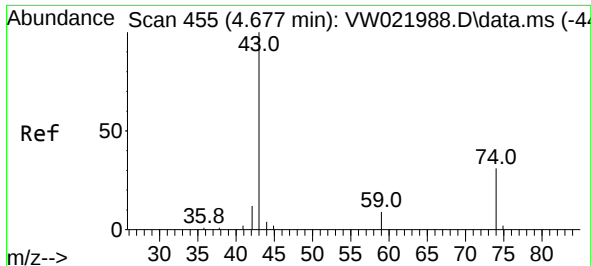
Tgt Ion: 76 Resp: 105019

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7

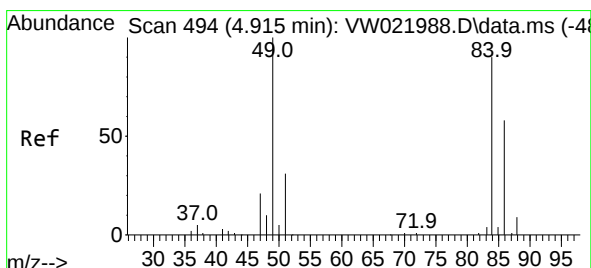
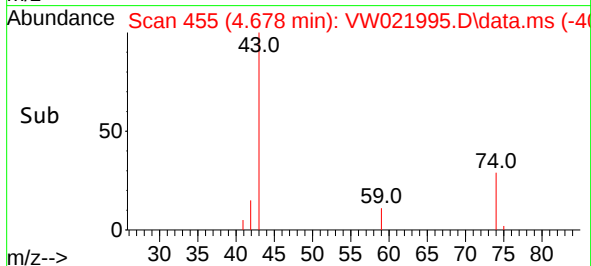
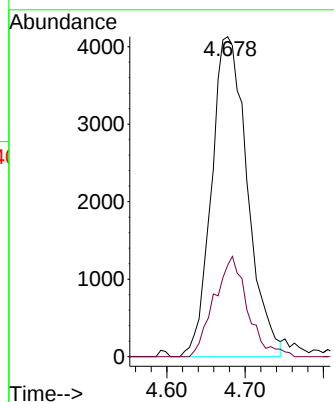
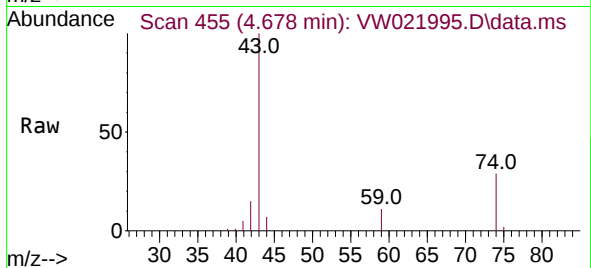




#15
Methyl Acetate
Concen: 26.034 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

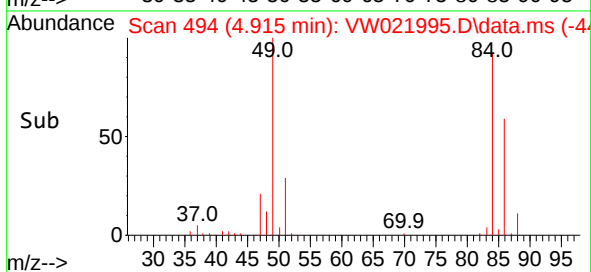
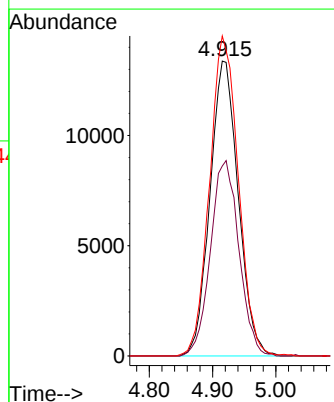
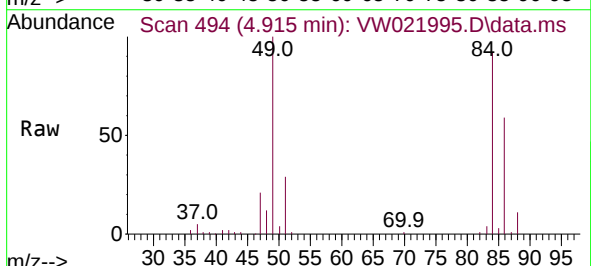
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

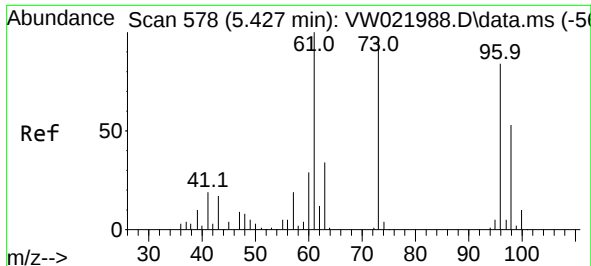
Tgt Ion: 43 Resp: 13127
Ion Ratio Lower Upper
43 100
74 28.0 16.4 24.6#



#16
Methylene chloride
Concen: 21.136 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 84 Resp: 41637
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 108.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.889 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

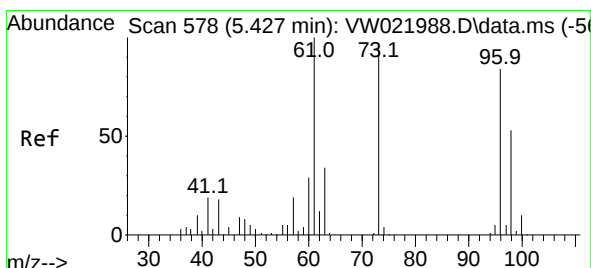
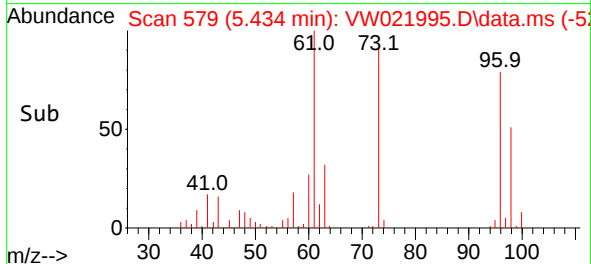
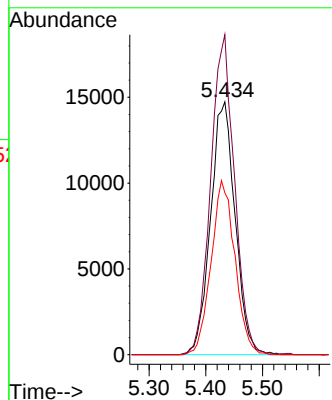
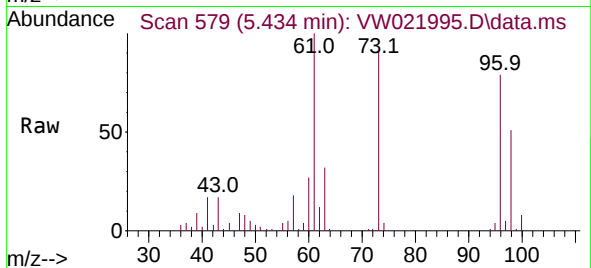
Tgt Ion: 96 Resp: 44350

Ion Ratio Lower Upper

96 100

61 126.6 107.4 199.4

98 64.1 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 25.127 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

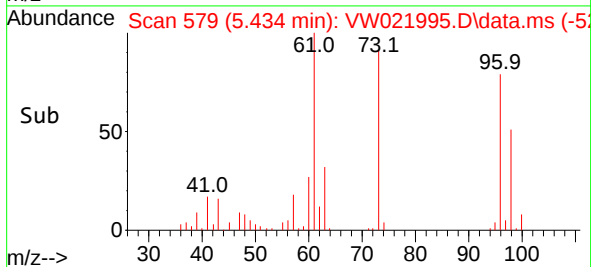
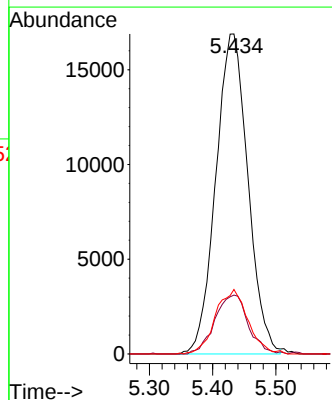
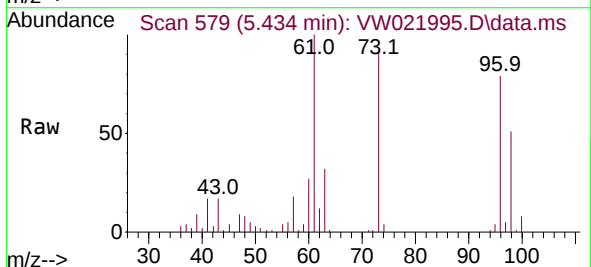
Tgt Ion: 73 Resp: 59489

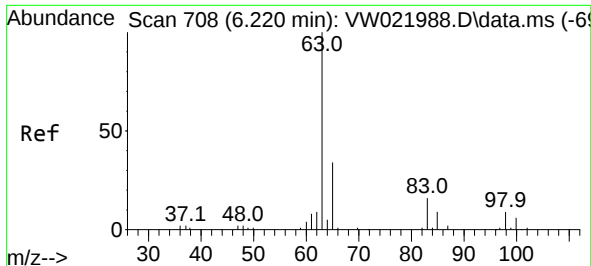
Ion Ratio Lower Upper

73 100

43 19.1 19.5 29.3#

57 20.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.908 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

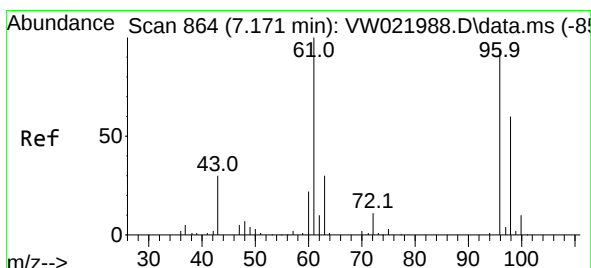
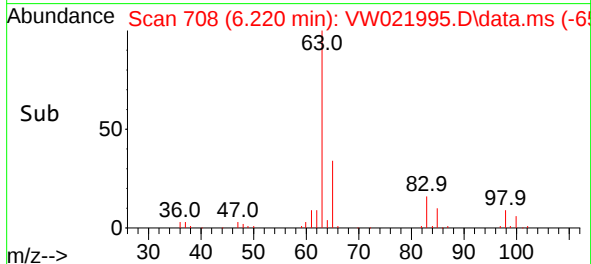
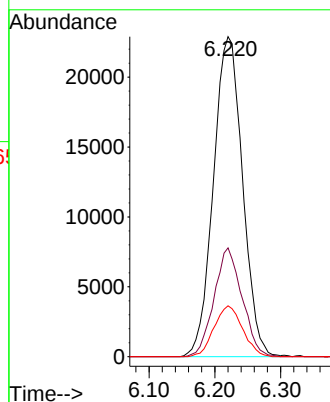
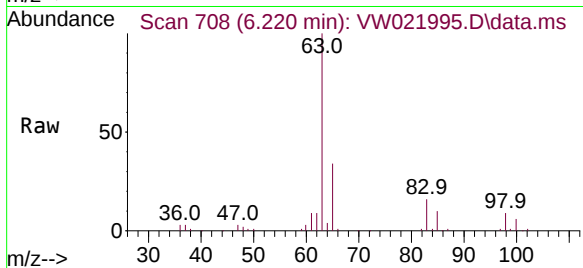
Tgt Ion: 63 Resp: 70540

Ion Ratio Lower Upper

63 100

65 34.0 22.1 41.1

83 15.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.122 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

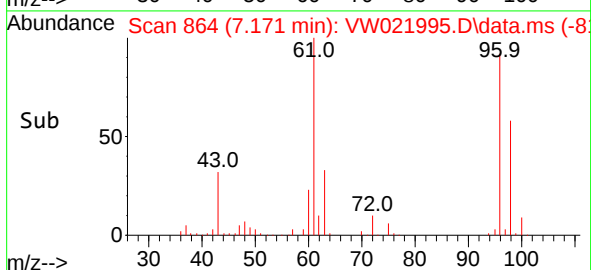
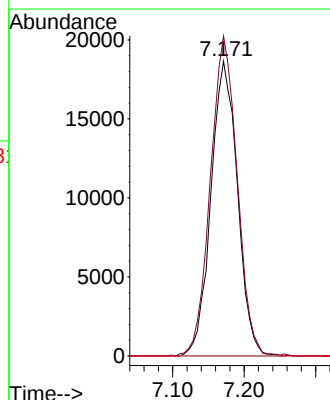
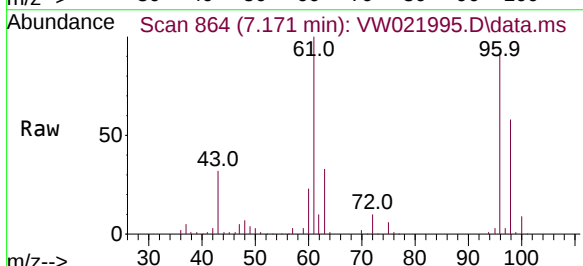
Tgt Ion: 96 Resp: 47980

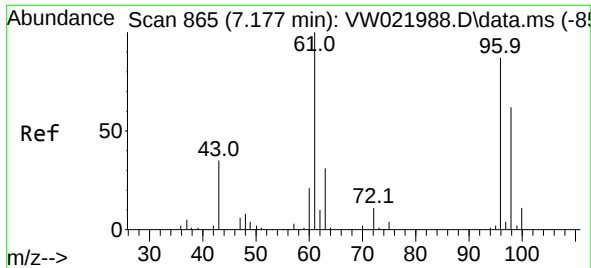
Ion Ratio Lower Upper

96 100

61 108.6 103.7 192.7

68 0.0 0.0 0.0

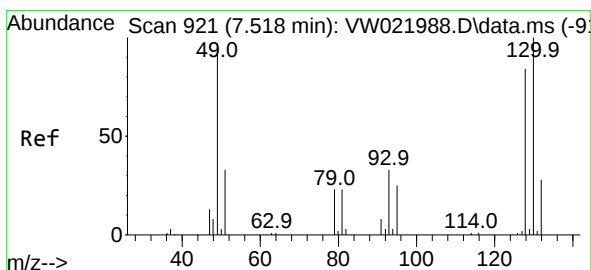
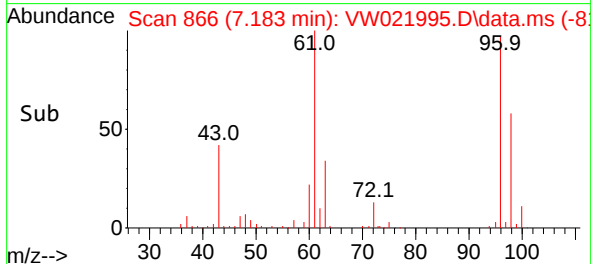
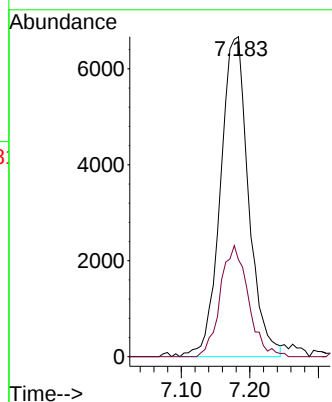
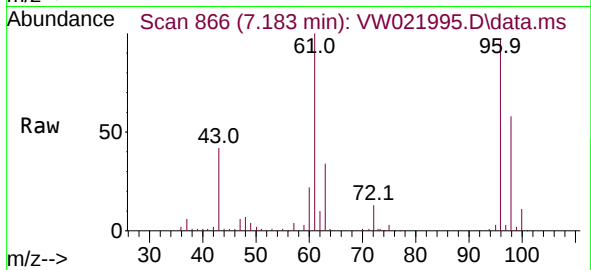




#22
2-Butanone
Concen: 59.653 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

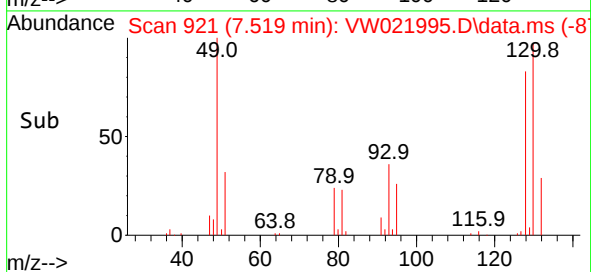
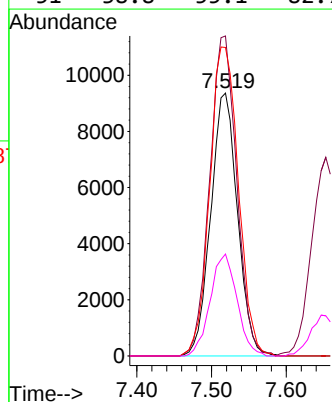
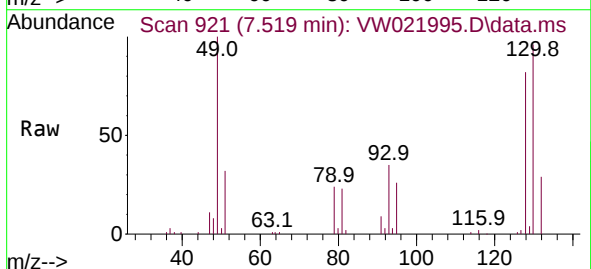
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

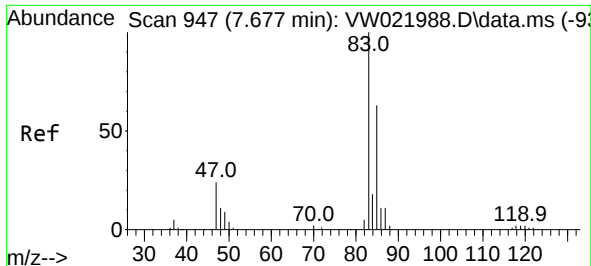
Tgt Ion: 43 Resp: 19023
Ion Ratio Lower Upper
43 100
72 34.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.518 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 128 Resp: 23299
Ion Ratio Lower Upper
128 100
49 121.7 150.3 279.1#
130 117.3 88.3 163.9
51 38.8 55.1 82.7#

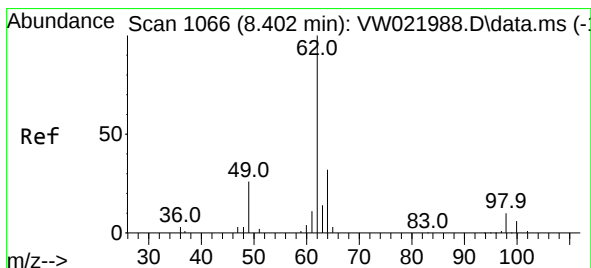
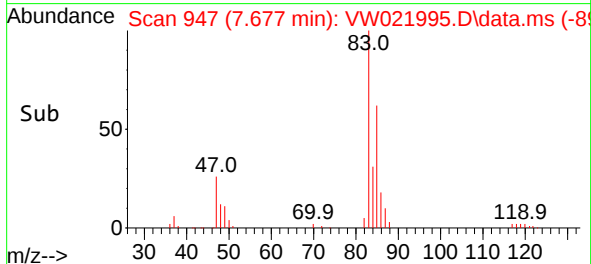
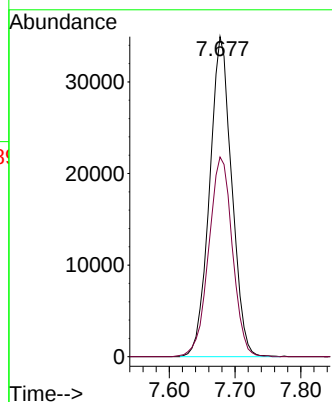
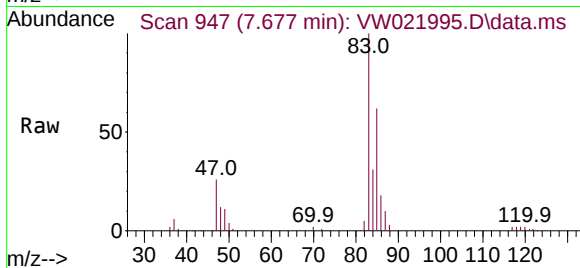




#25
Chloroform
Concen: 25.452 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

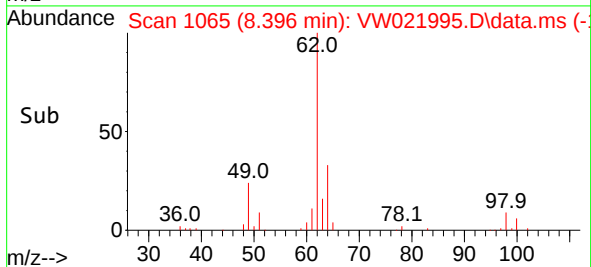
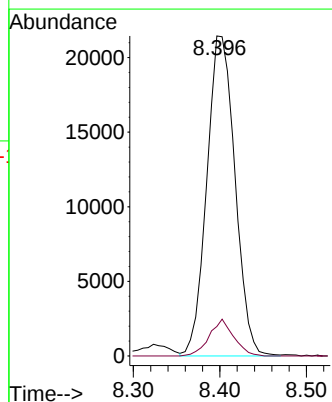
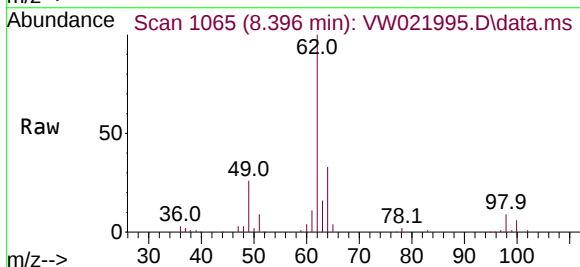
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

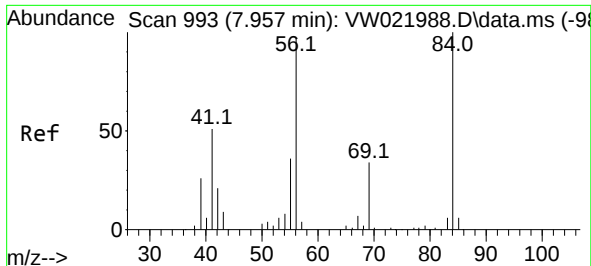
Tgt Ion: 83 Resp: 81993
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.034 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 62 Resp: 48566
Ion Ratio Lower Upper
62 100
98 9.2 6.5 9.7

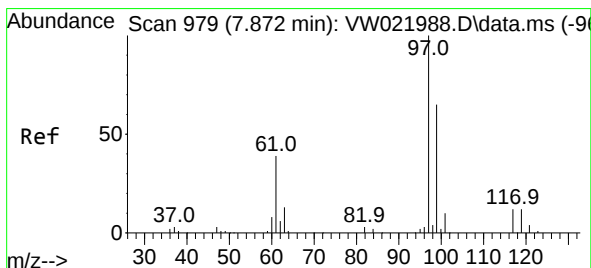
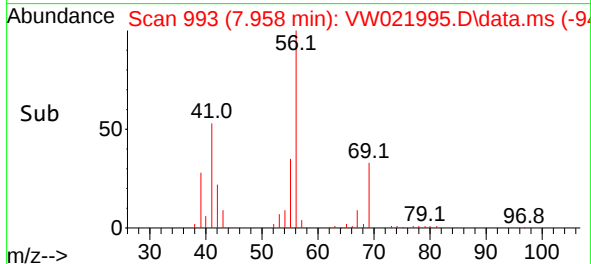
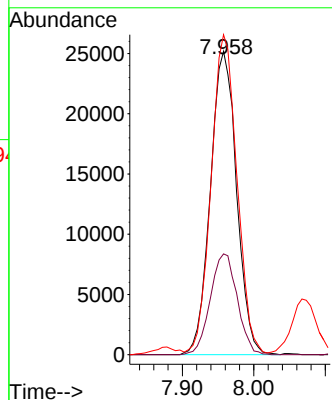
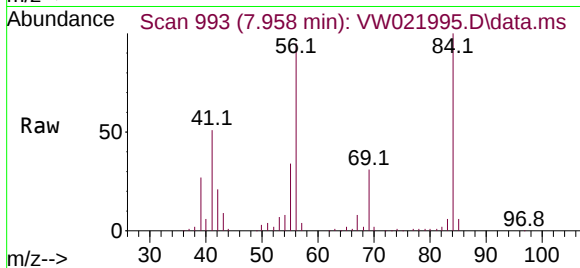




#29
Cyclohexane
Concen: 24.945 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

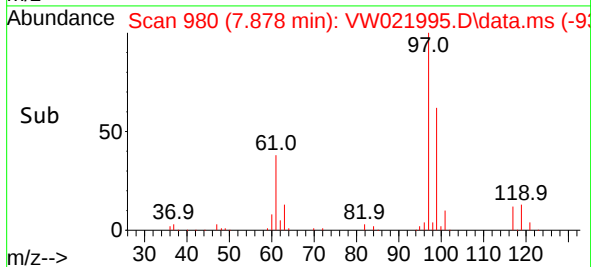
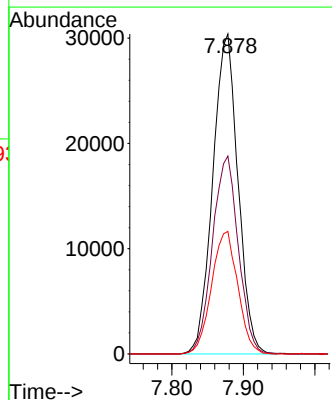
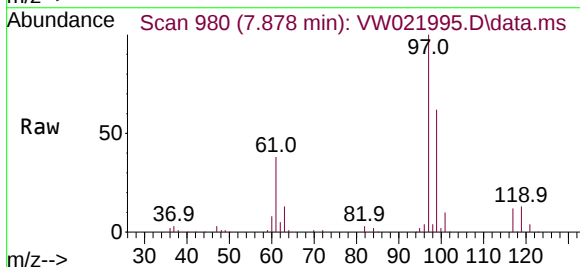
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

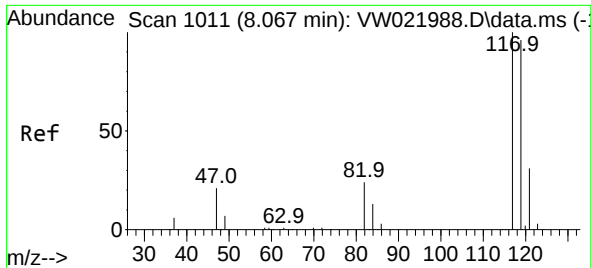
Tgt Ion:	56	Resp:	63989
Ion	Ratio	Lower	Upper
56	100		
69	34.1	23.5	35.3
84	104.2	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 25.077 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion:	97	Resp:	74532
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	39.9	40.9	61.3

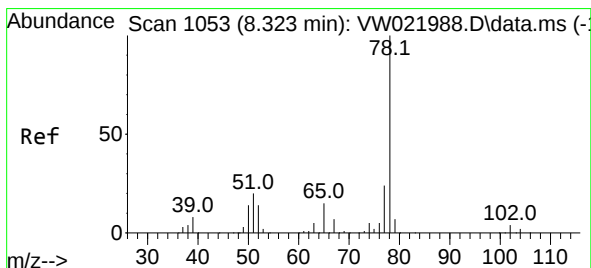
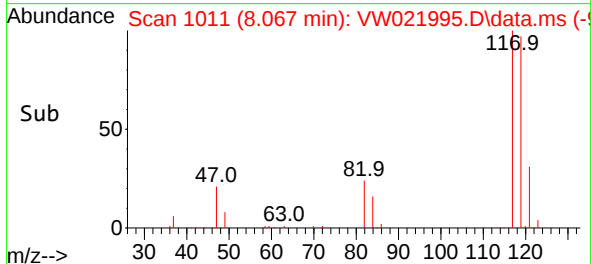
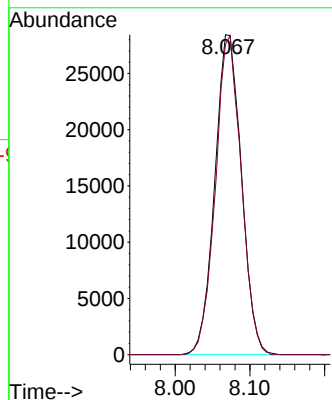
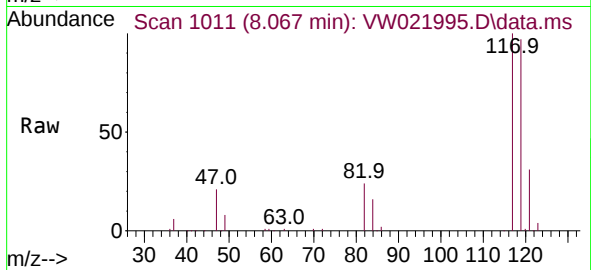




#31
Carbon tetrachloride
Concen: 24.417 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

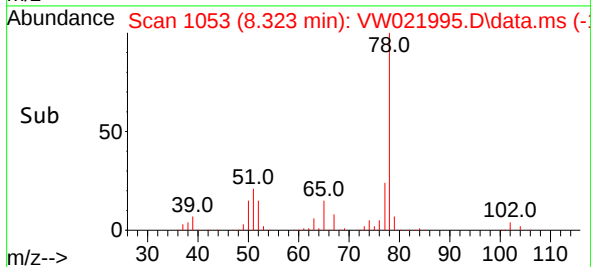
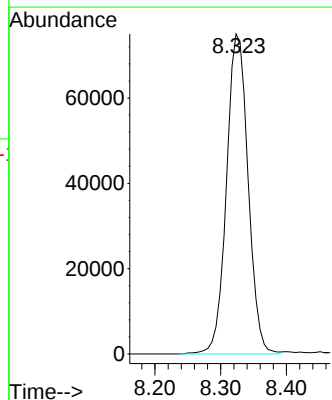
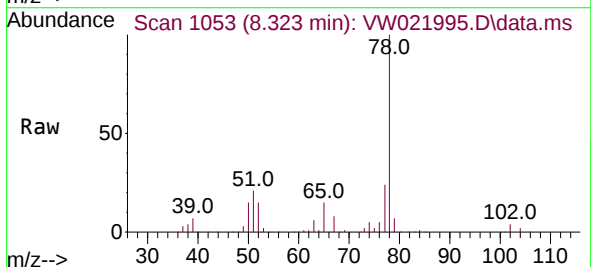
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

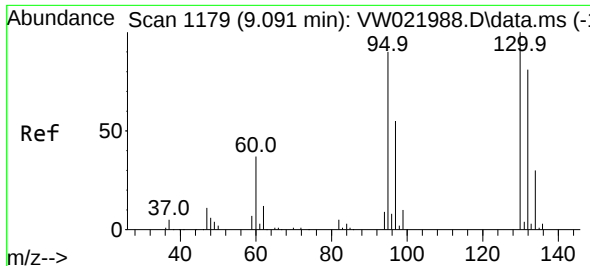
Tgt Ion:117 Resp: 70325
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 24.401 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 78 Resp: 171565



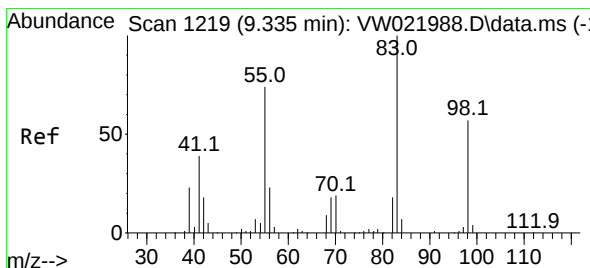
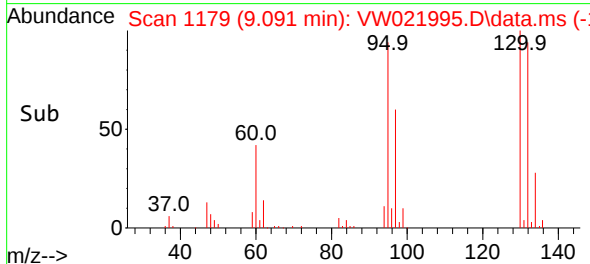
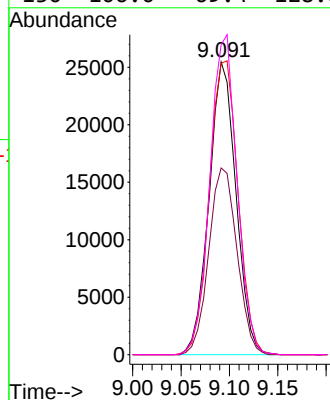
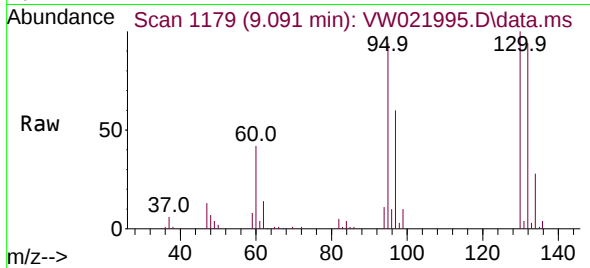


#34
Trichloroethene
Concen: 24.205 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Tgt Ion: 95 Resp: 49376

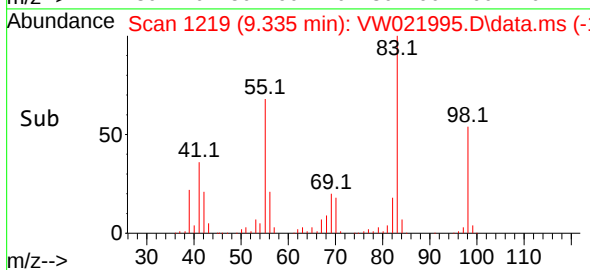
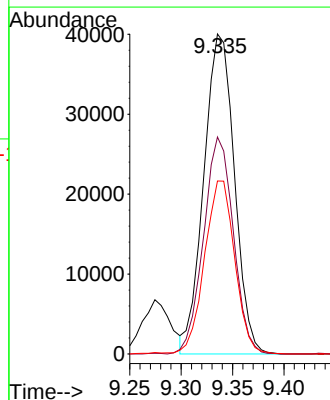
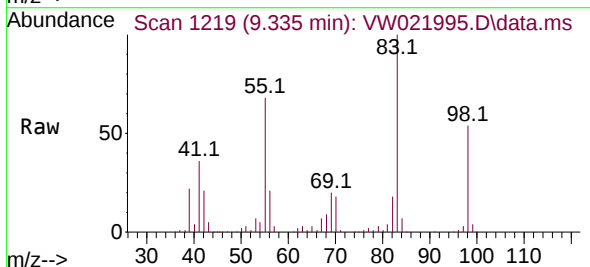
Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.0	87.2
132	99.6	65.5	121.6
130	106.0	69.4	128.8

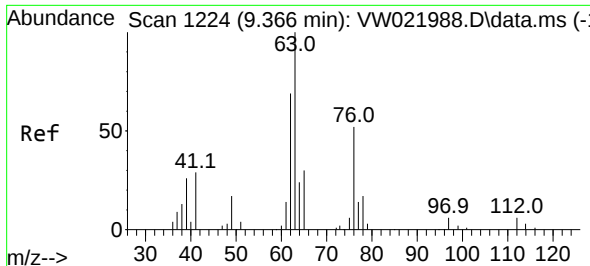


#35
Methylcyclohexane
Concen: 24.738 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 83 Resp: 82983

Ion	Ratio	Lower	Upper
83	100		
55	66.0	70.8	106.2#
98	53.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 25.356 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

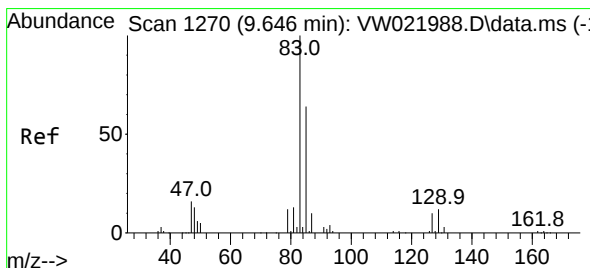
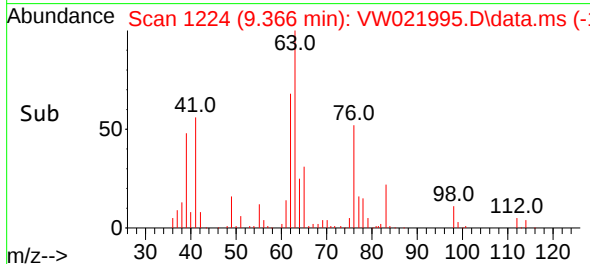
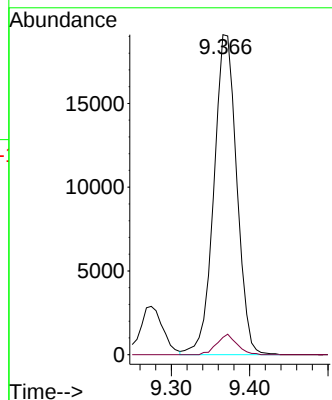
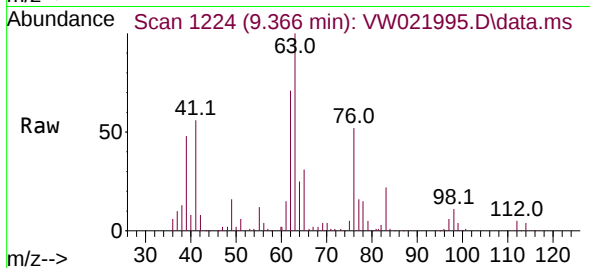
VSTD025546

Tgt Ion: 63 Resp: 38839

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.292 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

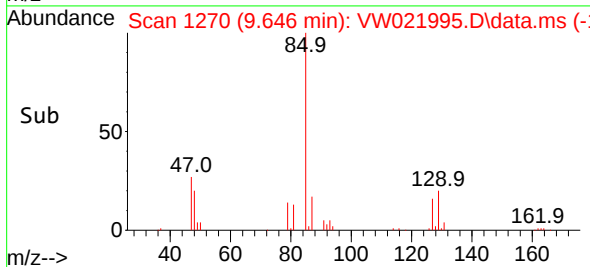
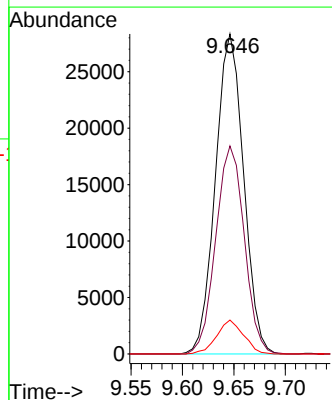
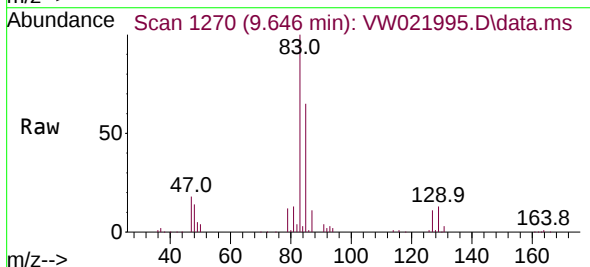
Tgt Ion: 83 Resp: 54081

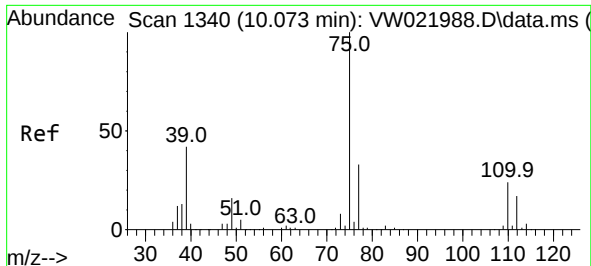
Ion Ratio Lower Upper

83 100

85 65.0 44.1 81.9

127 10.6 6.1 9.1#

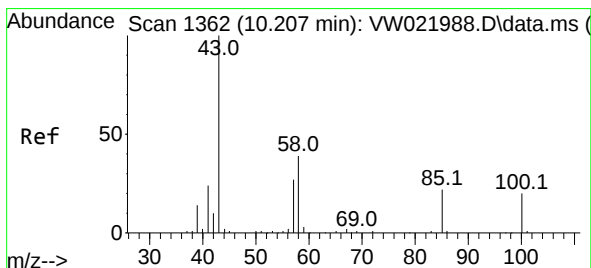
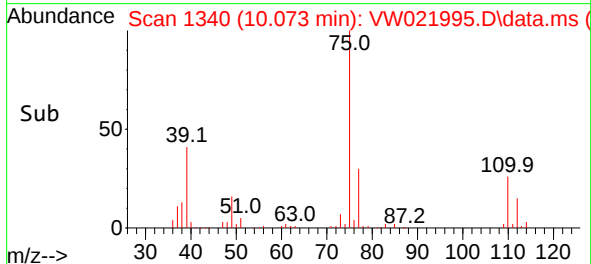
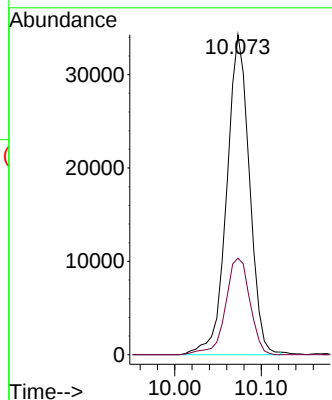
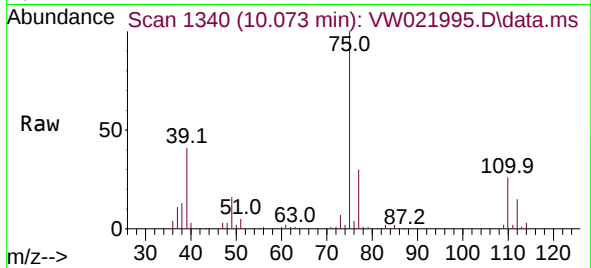




#39
 cis-1,3-Dichloropropene
 Concen: 26.236 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

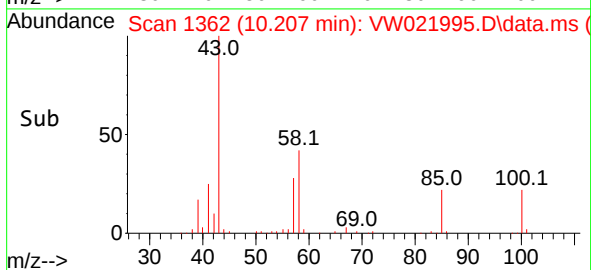
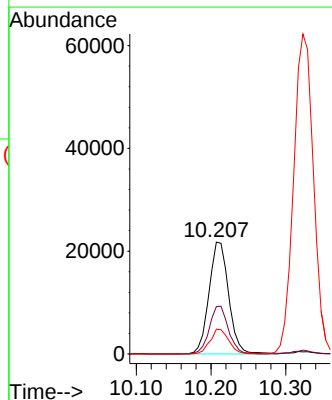
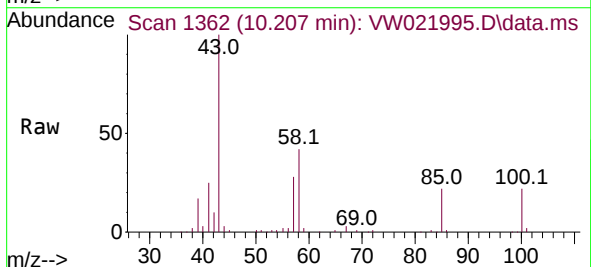
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

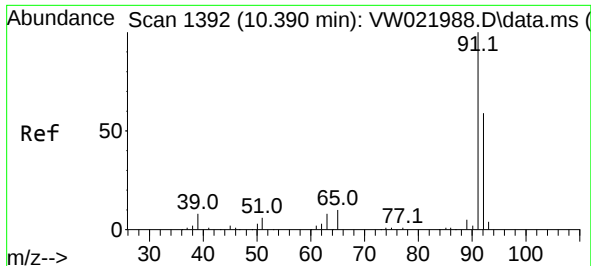
Tgt Ion: 75 Resp: 62445
 Ion Ratio Lower Upper
 75 100
 77 30.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 55.398 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW021995.D
 Acq: 19 Jan 2022 08:45

Tgt Ion: 43 Resp: 39861
 Ion Ratio Lower Upper
 43 100
 58 41.4 28.8 43.2
 100 20.9 10.0 15.0#





#42

Toluene

Concen: 25.075 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

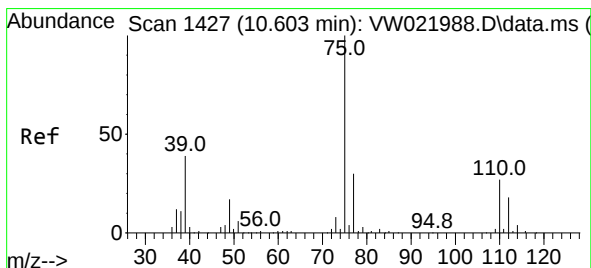
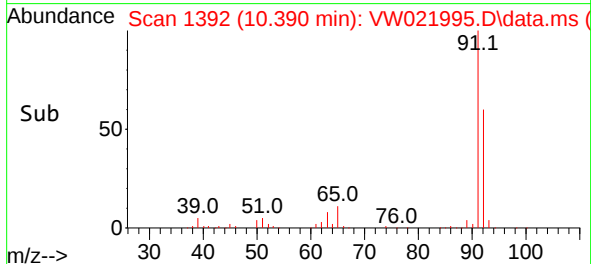
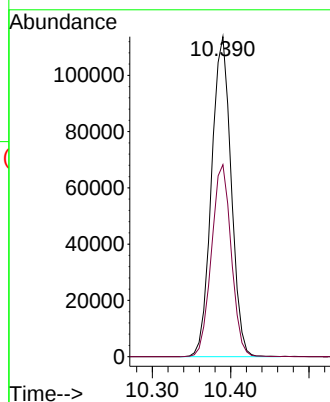
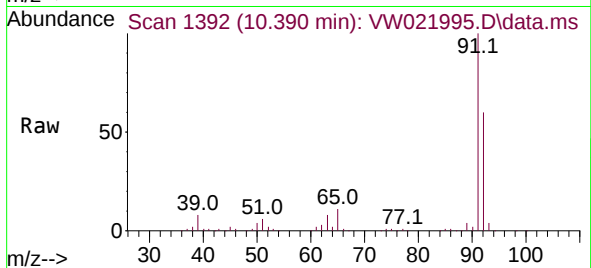
VSTD025546

Tgt Ion: 91 Resp: 197737

Ion Ratio Lower Upper

91 100

92 60.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.572 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021995.D

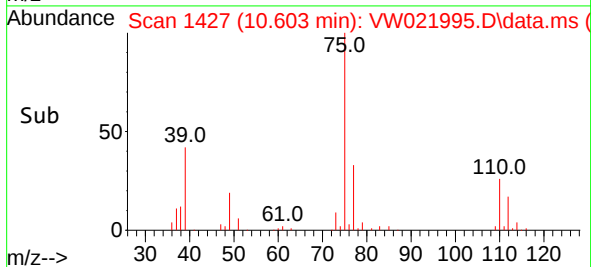
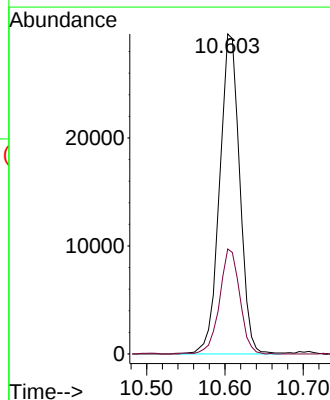
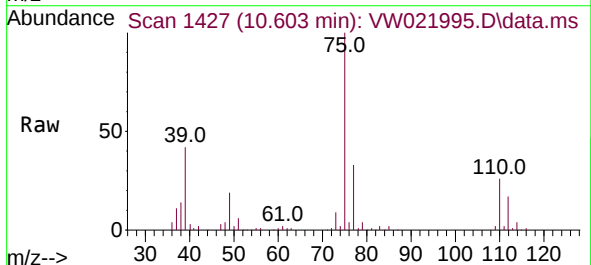
Acq: 19 Jan 2022 08:45

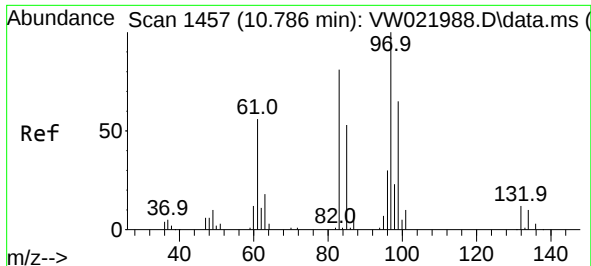
Tgt Ion: 75 Resp: 52934

Ion Ratio Lower Upper

75 100

77 32.8 22.2 41.2

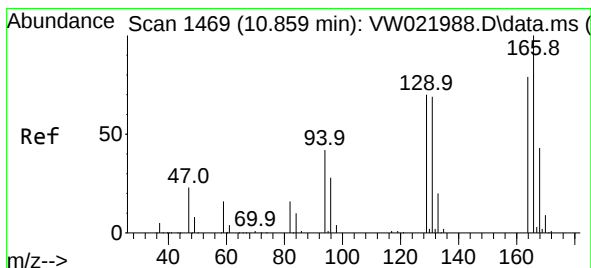
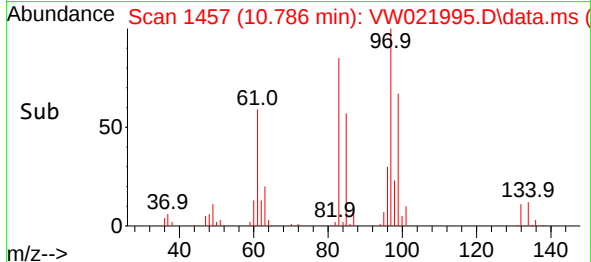
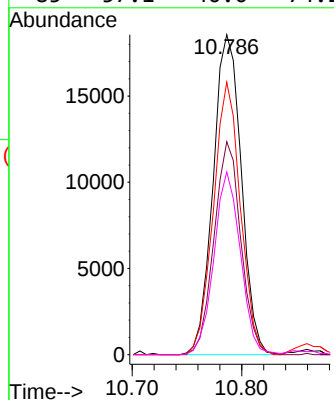
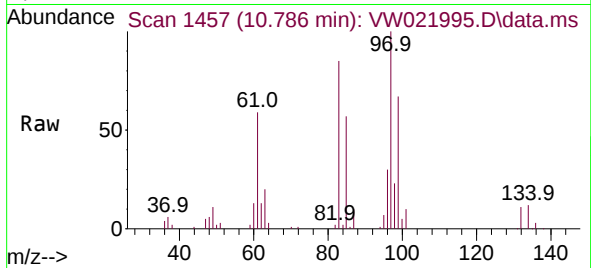




#45
1,1,2-Trichloroethane
Concen: 25.477 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

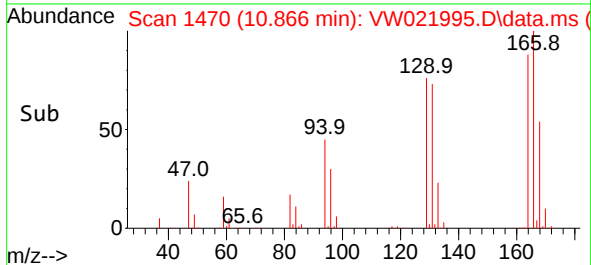
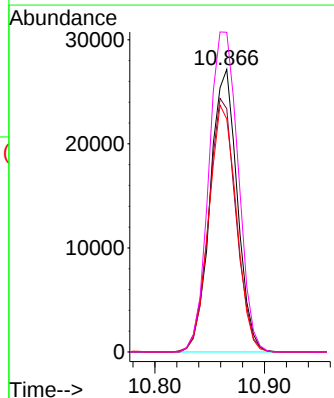
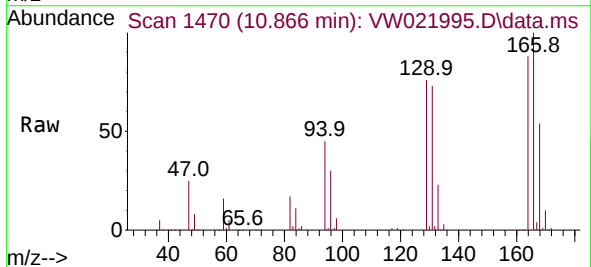
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

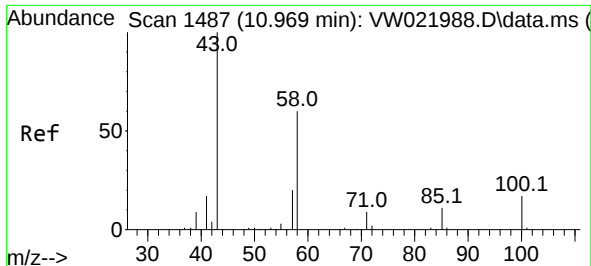
Tgt Ion:	97	Resp:	33132
Ion	Ratio	Lower	Upper
97	100		
99	66.6	43.0	79.8
83	85.1	62.6	116.3
85	57.1	40.0	74.2



#46
Tetrachloroethene
Concen: 23.074 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion:	164	Resp:	46543
Ion	Ratio	Lower	Upper
164	100		
129	86.1	65.5	121.7
131	82.5	59.7	110.9
166	113.2	88.7	164.7

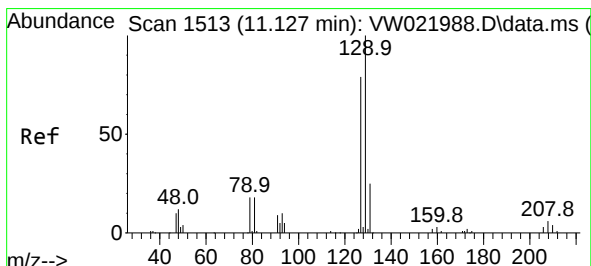
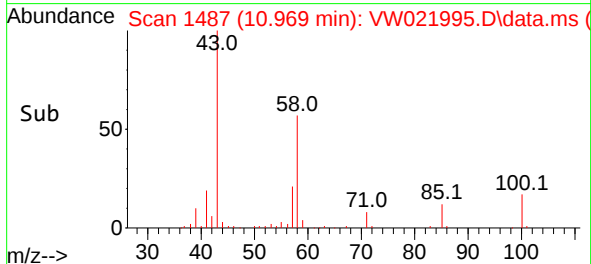
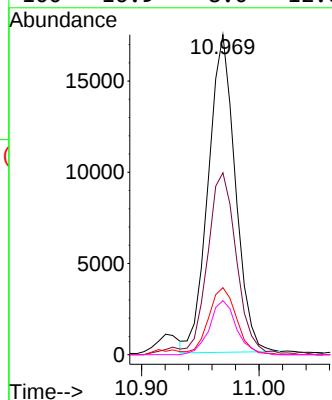
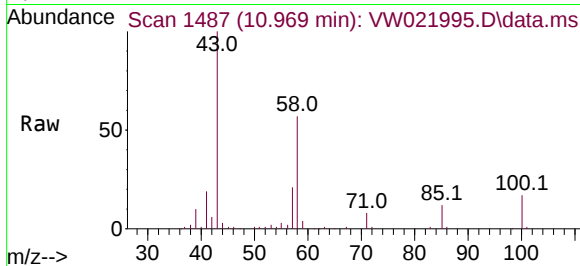




#48
2-Hexanone
Concen: 56.636 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

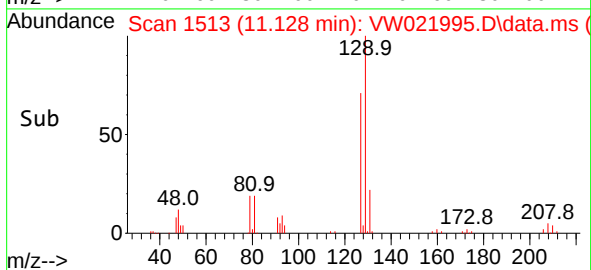
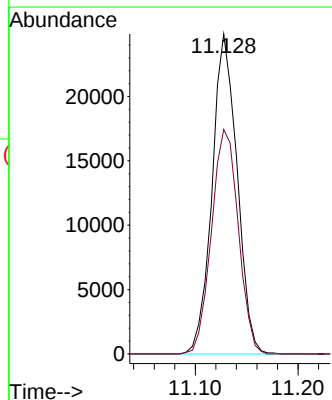
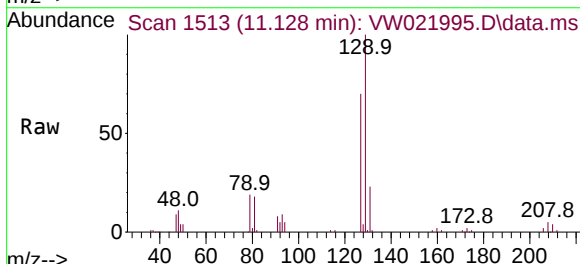
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

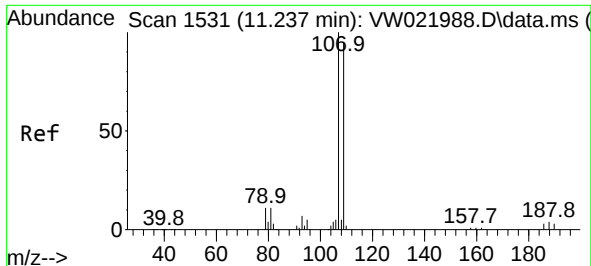
Tgt Ion: 43 Resp: 27883
Ion Ratio Lower Upper
43 100
58 61.3 40.2 60.2#
57 21.8 14.3 21.5#
100 16.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.602 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 129 Resp: 41952
Ion Ratio Lower Upper
129 100
127 70.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.917 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

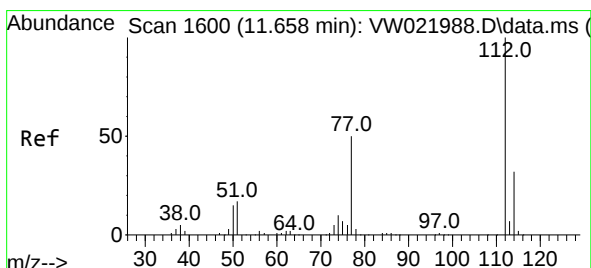
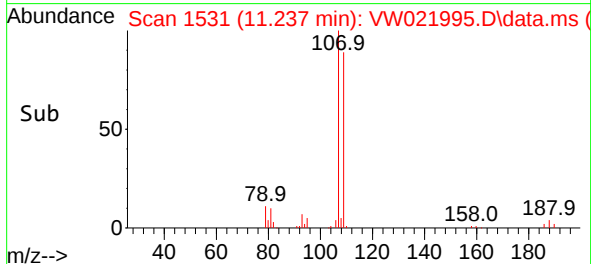
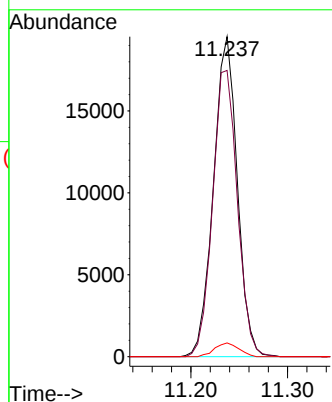
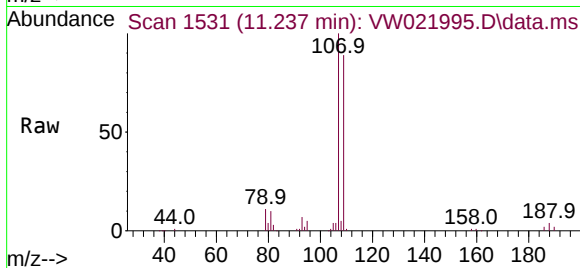
Tgt Ion:107 Resp: 33457

Ion Ratio Lower Upper

107 100

109 89.4 64.1 119.1

188 4.3 2.6 3.8#



#51

Chlorobenzene

Concen: 24.294 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

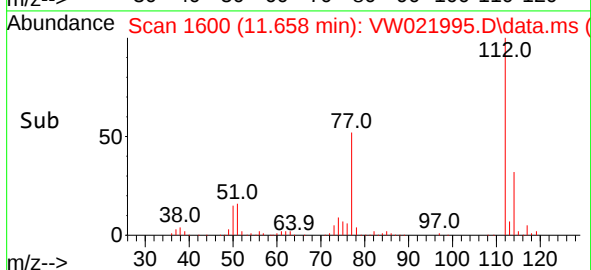
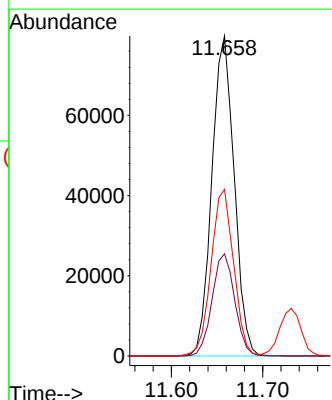
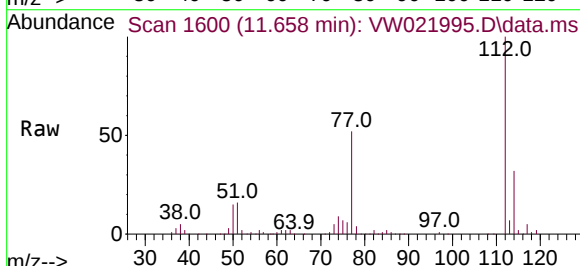
Tgt Ion:112 Resp: 135269

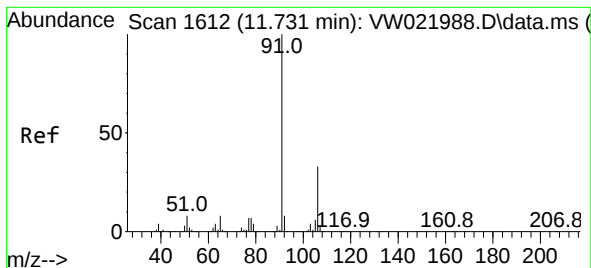
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 52.0 50.2 75.4

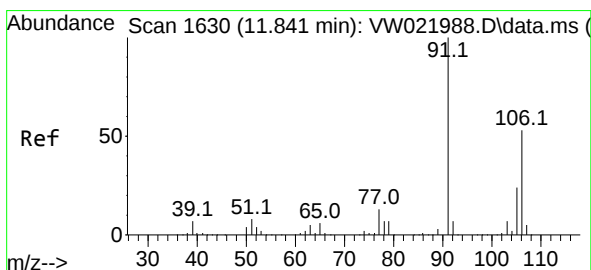
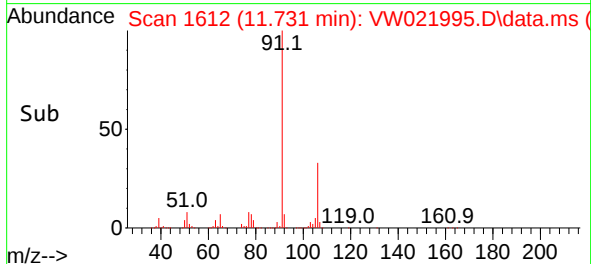
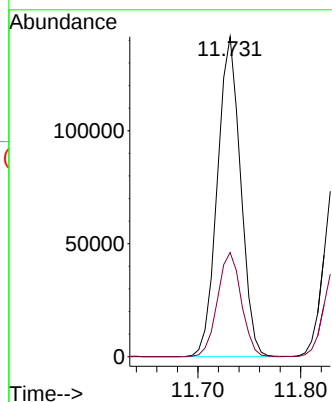
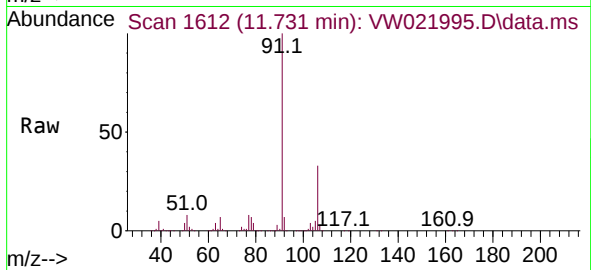




#52
Ethylbenzene
Concen: 25.349 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

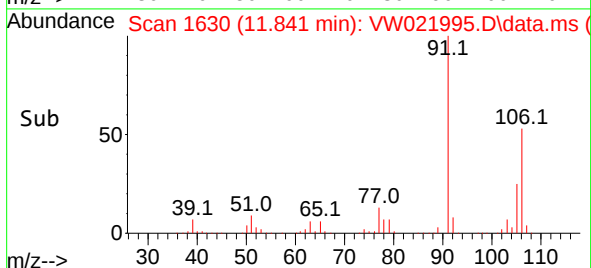
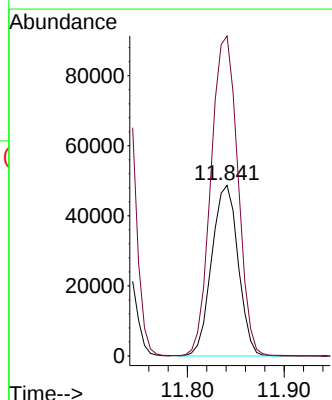
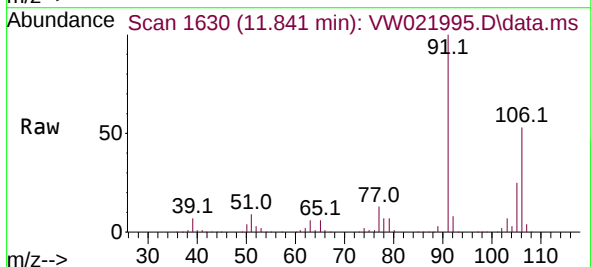
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

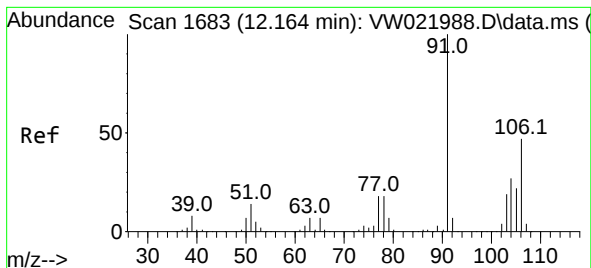
Tgt Ion: 91 Resp: 222062
Ion Ratio Lower Upper
91 100
106 32.5 21.5 39.9



#53
m,p-Xylene
Concen: 25.232 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion:106 Resp: 92428
Ion Ratio Lower Upper
106 100
91 187.6 149.9 278.3





#54

o-Xylene

Concen: 25.942 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

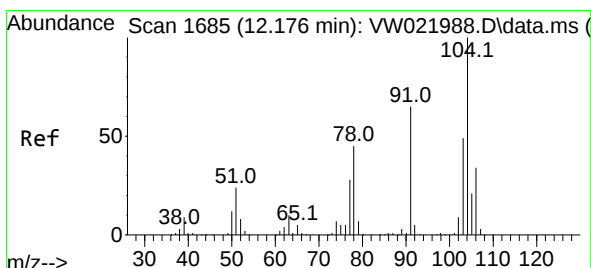
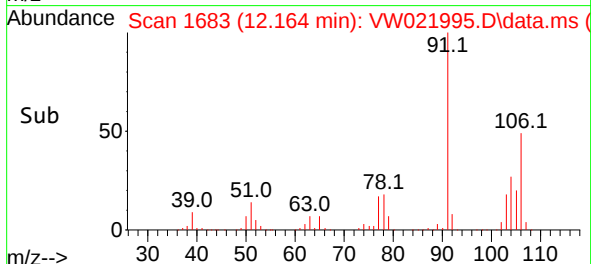
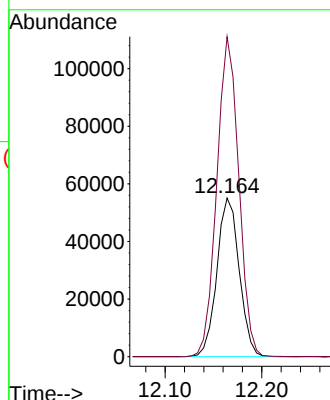
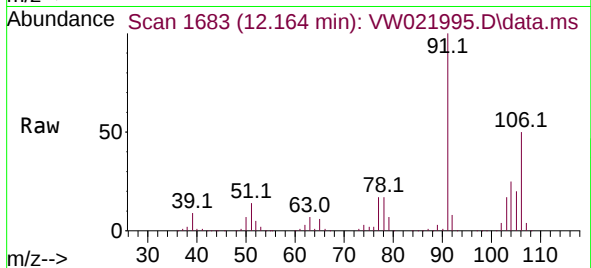
VSTD025546

Tgt Ion:106 Resp: 88223

Ion Ratio Lower Upper

106 100

91 201.8 153.6 285.3



#55

Styrene

Concen: 25.475 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW021995.D

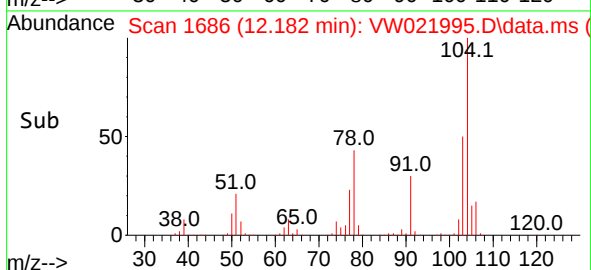
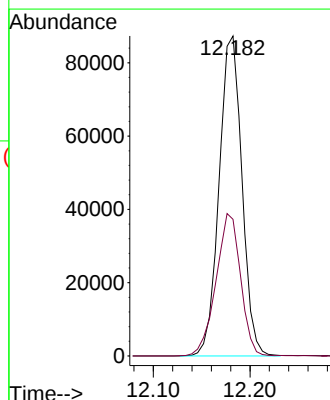
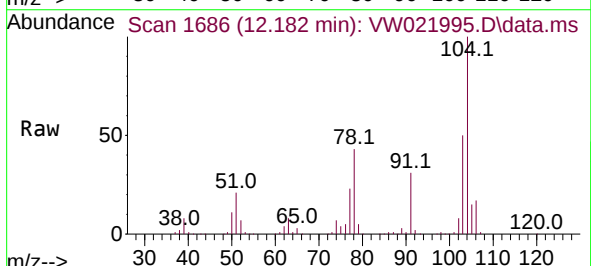
Acq: 19 Jan 2022 08:45

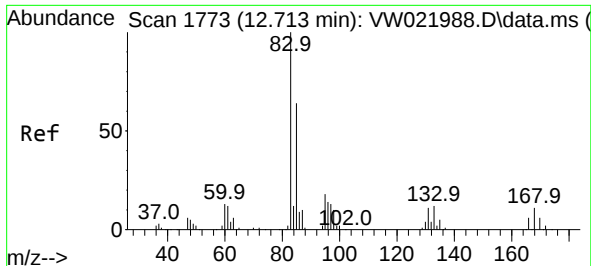
Tgt Ion:104 Resp: 143026

Ion Ratio Lower Upper

104 100

78 42.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.212 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

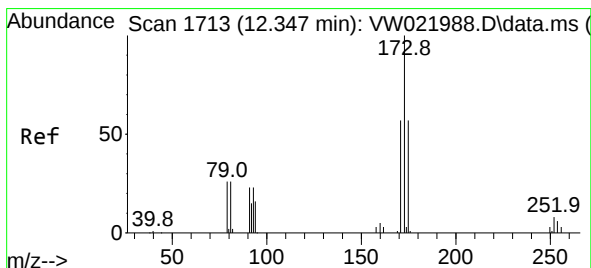
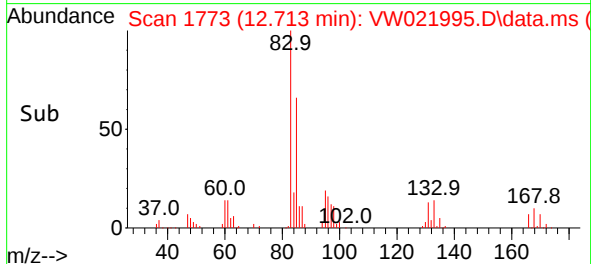
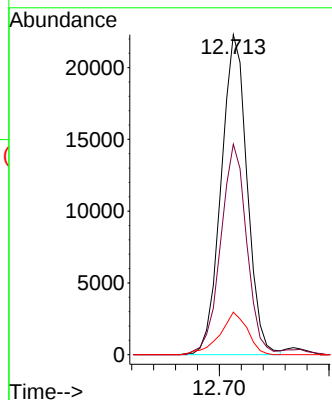
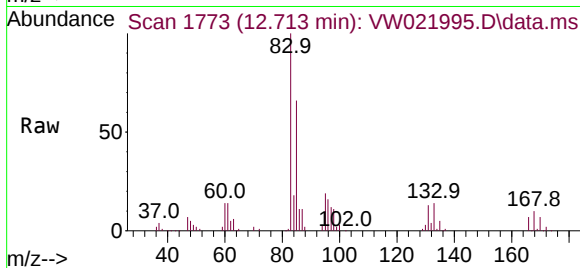
Tgt Ion: 83 Resp: 36677

Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.6

131 13.3 6.9 10.3#



#59

Bromoform

Concen: 26.617 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

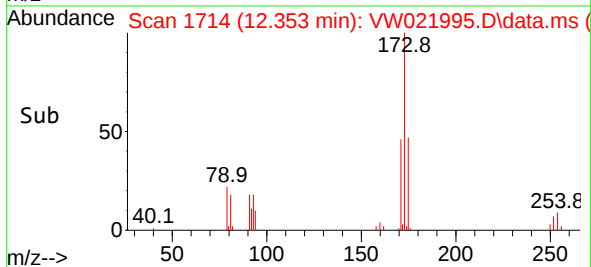
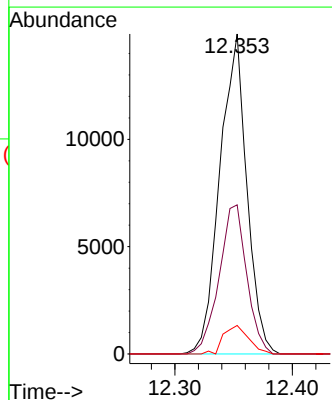
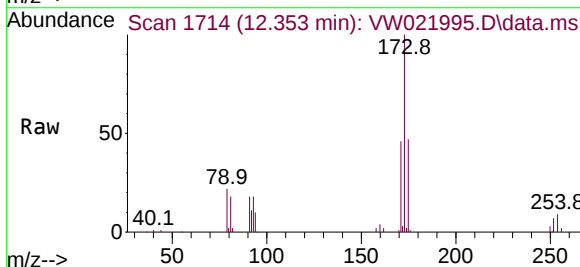
Tgt Ion:173 Resp: 23731

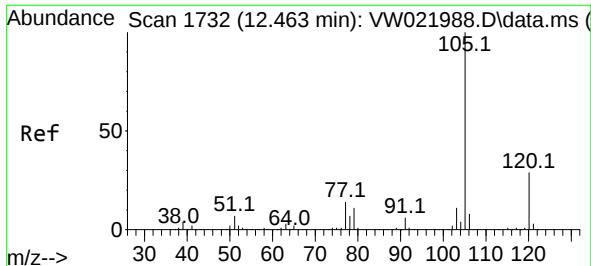
Ion Ratio Lower Upper

173 100

175 47.9 39.6 59.4

254 8.1 7.4 11.0

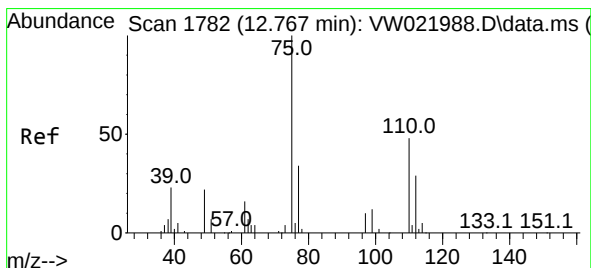
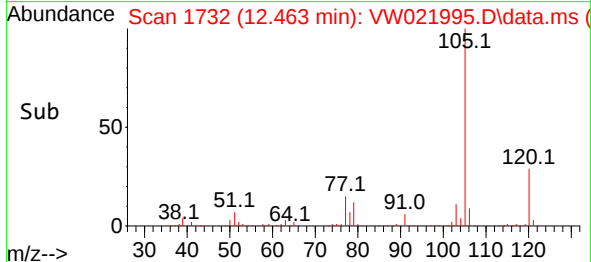
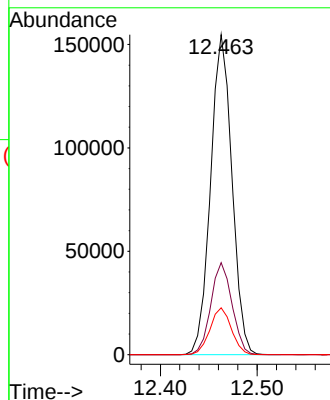
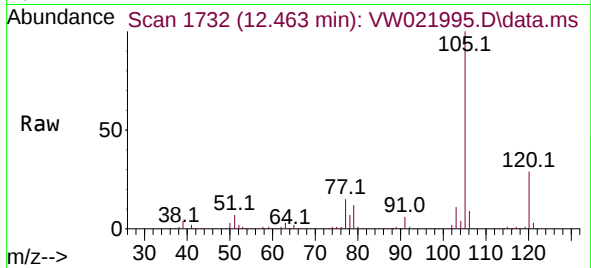




#60
Isopropylbenzene
Concen: 26.659 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

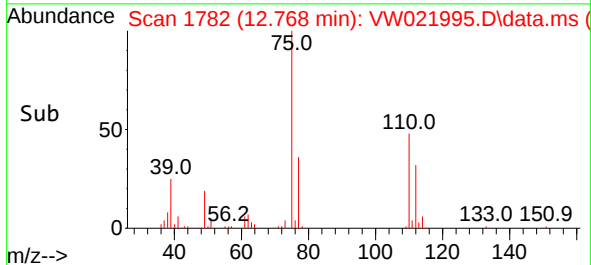
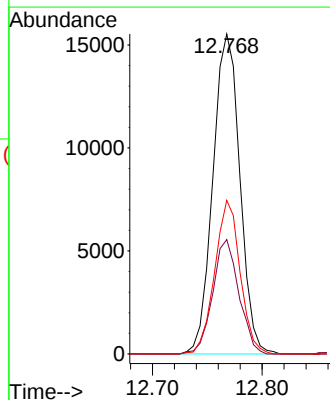
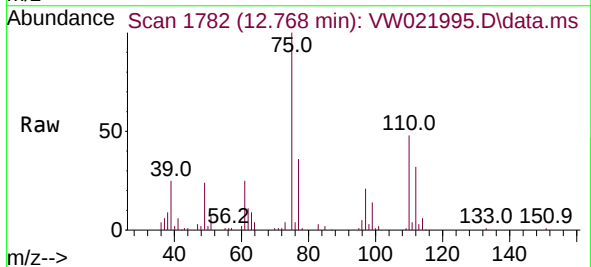
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

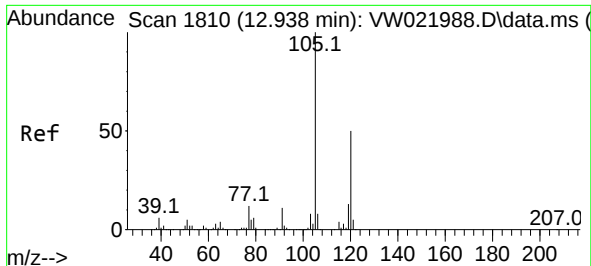
Tgt Ion:105 Resp: 237400
Ion Ratio Lower Upper
105 100
120 28.5 20.1 30.1
77 14.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 28.391 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 75 Resp: 26533
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.8
110 45.3 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 26.892 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

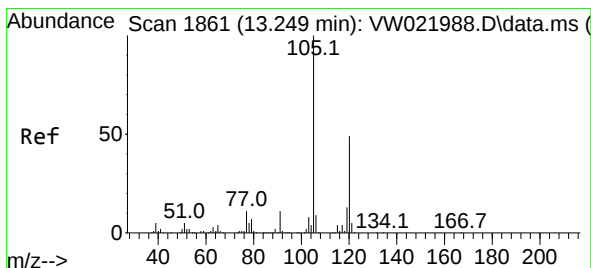
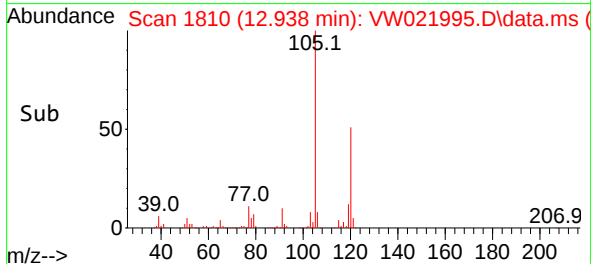
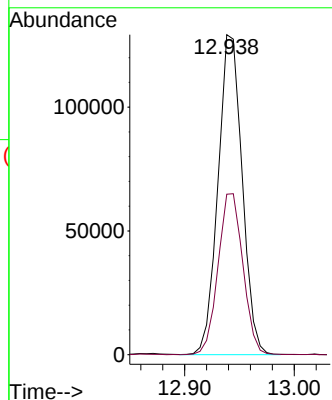
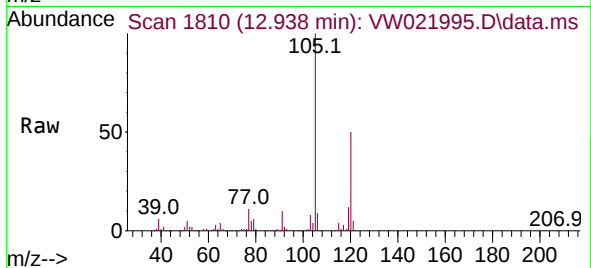
VSTD025546

Tgt Ion:105 Resp: 198306

Ion Ratio Lower Upper

105 100

120 51.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.831 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021995.D

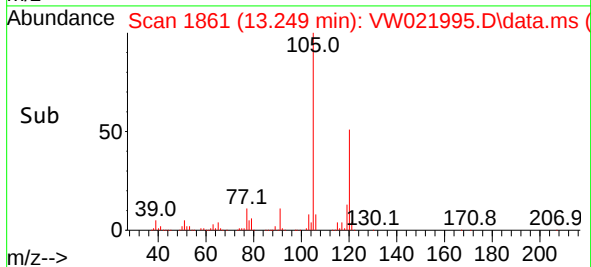
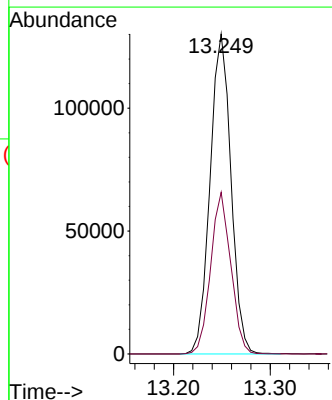
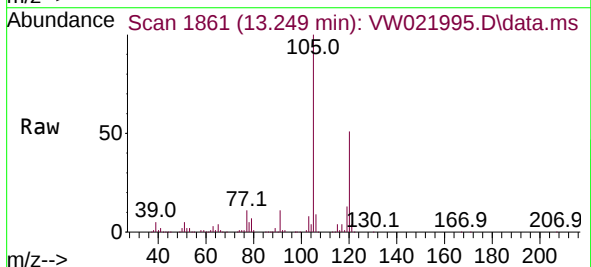
Acq: 19 Jan 2022 08:45

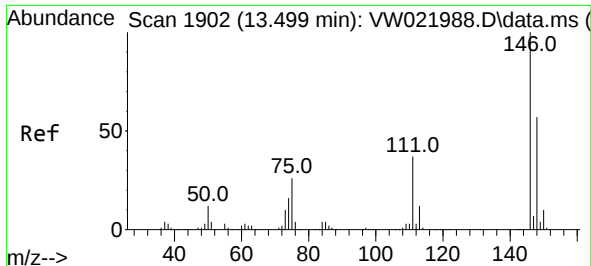
Tgt Ion:105 Resp: 195138

Ion Ratio Lower Upper

105 100

120 48.7 35.0 52.6

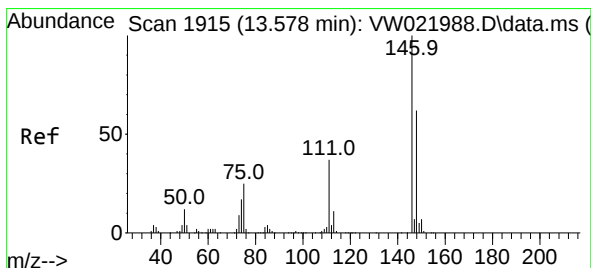
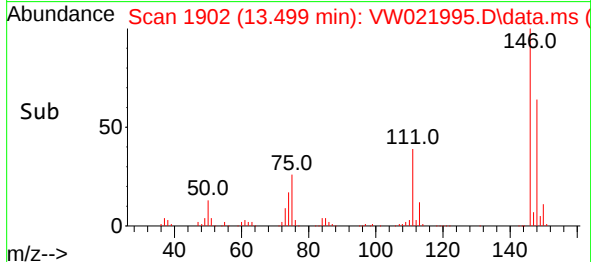
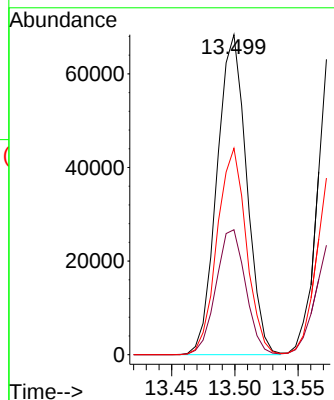
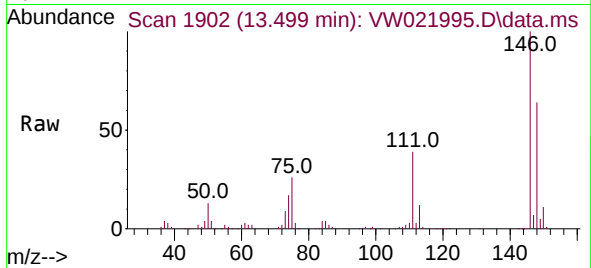




#64
1,3-Dichlorobenzene
Concen: 24.920 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

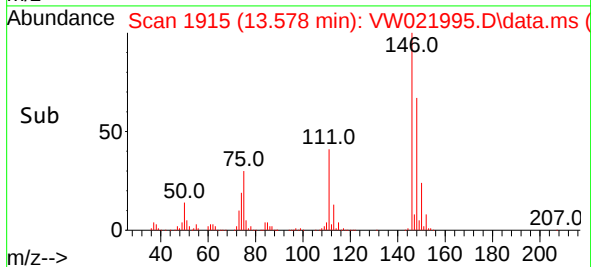
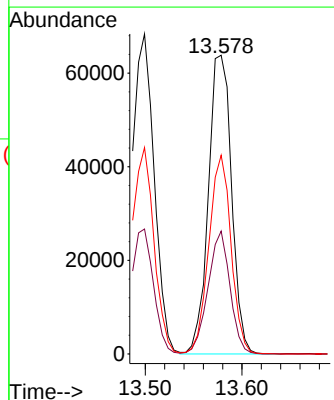
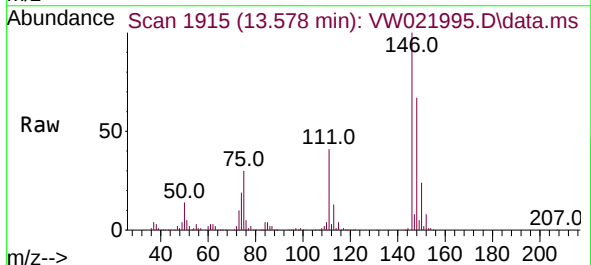
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

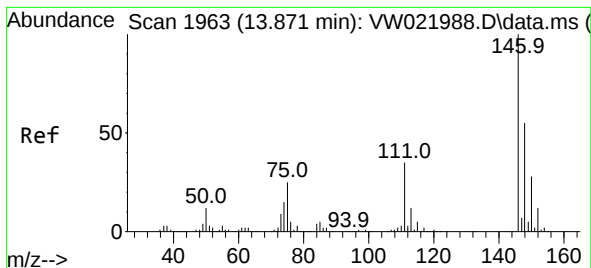
Tgt Ion:146 Resp: 111574
Ion Ratio Lower Upper
146 100
111 39.0 29.8 55.3
148 64.5 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.092 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion:146 Resp: 106502
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.9
148 66.5 46.9 87.1

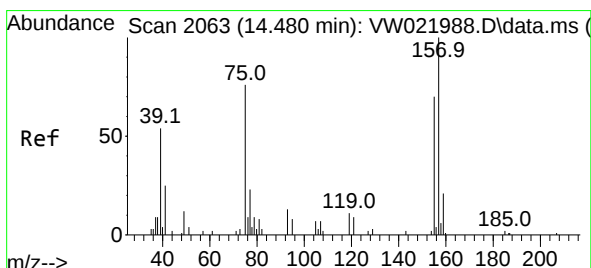
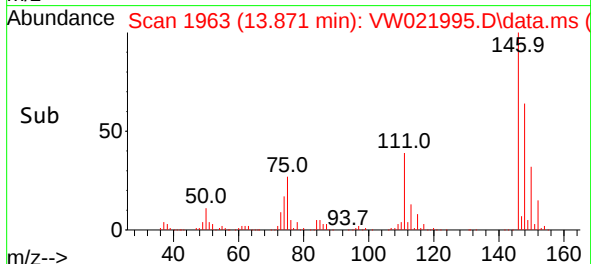
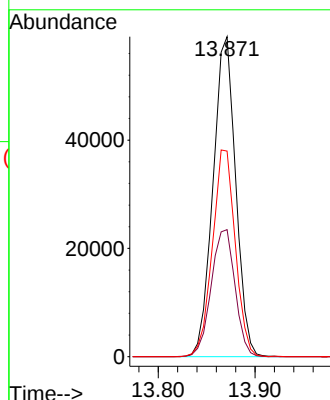
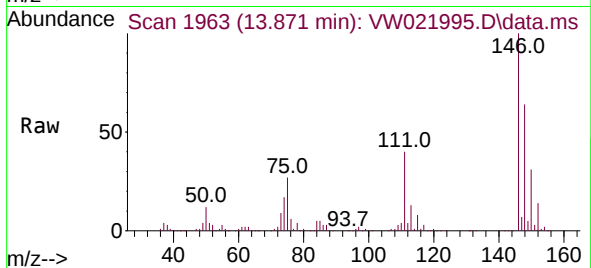




#67
1,2-Dichlorobenzene
Concen: 24.556 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

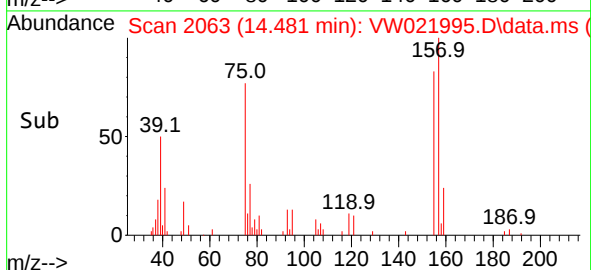
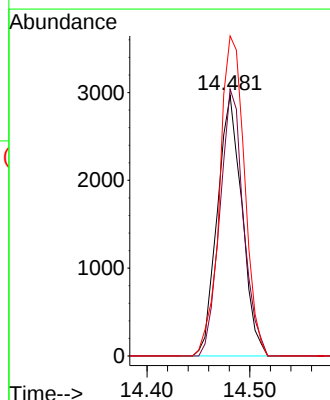
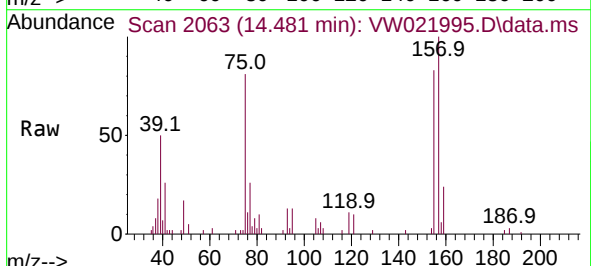
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

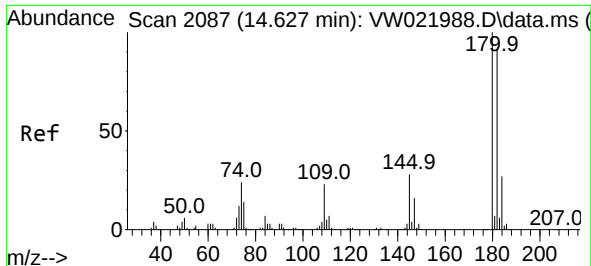
Tgt Ion:146 Resp: 96261
Ion Ratio Lower Upper
146 100
111 39.7 33.1 49.7
148 64.3 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 27.345 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021995.D
Acq: 19 Jan 2022 08:45

Tgt Ion: 75 Resp: 4935
Ion Ratio Lower Upper
75 100
155 102.4 54.2 81.2#
157 122.7 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.826 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion:180 Resp: 79285

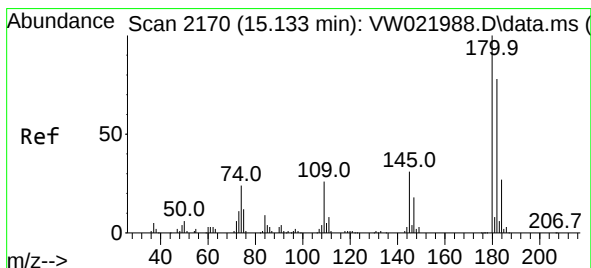
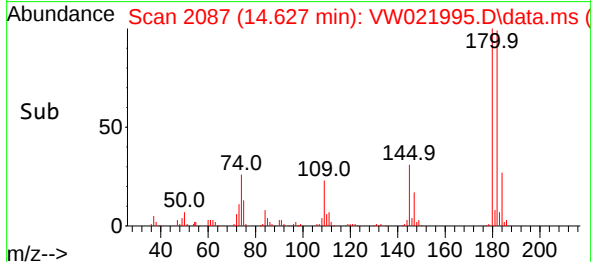
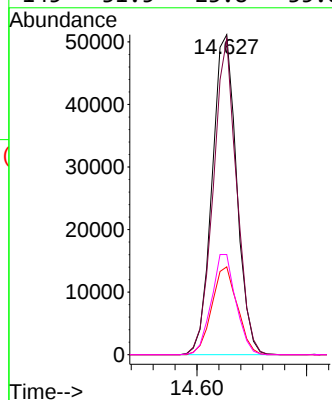
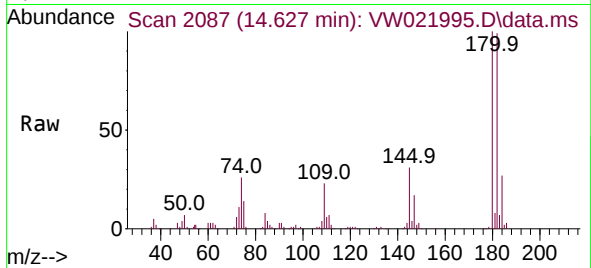
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.0

184 28.7 23.8 35.8

145 31.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.951 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

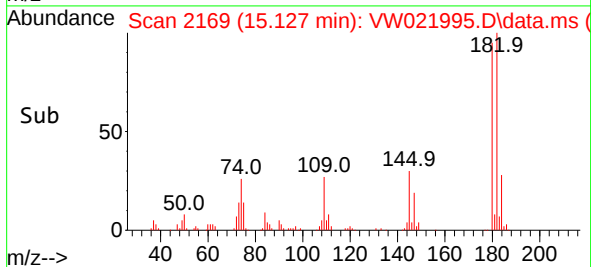
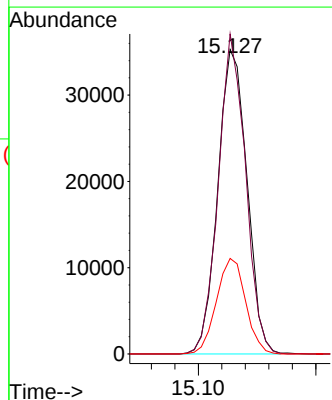
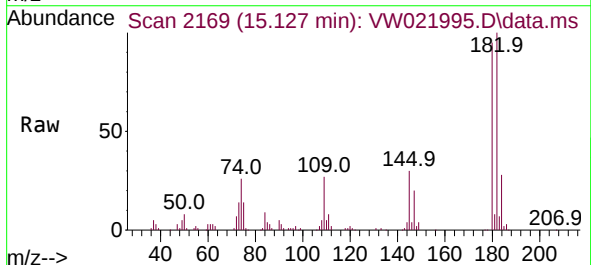
Tgt Ion:180 Resp: 60855

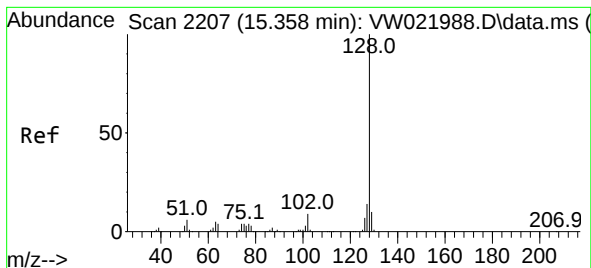
Ion Ratio Lower Upper

180 100

182 98.0 79.0 118.6

145 31.3 26.0 39.0





#71

Naphthalene

Concen: 25.474 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

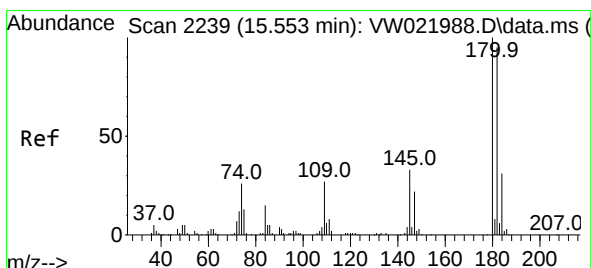
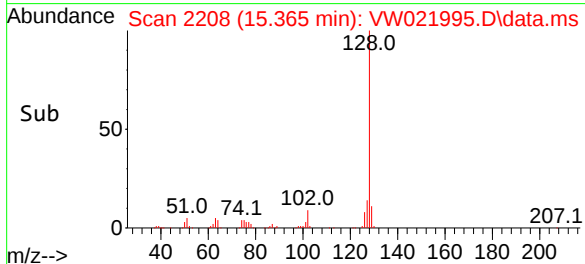
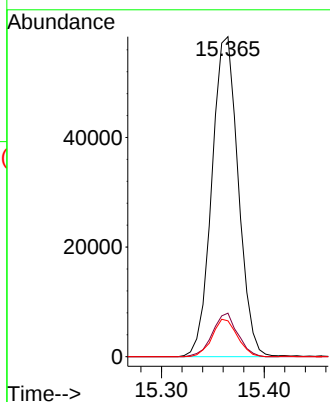
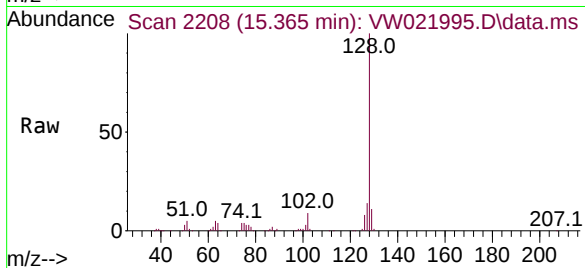
Tgt Ion:128 Resp: 104192

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.090 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021995.D

Acq: 19 Jan 2022 08:45

Tgt Ion:180 Resp: 50559

Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

145 33.1 27.4 41.0

