

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021116.D
 Acq On : 04 Dec 2021 14:12
 Operator : SY/VA
 Sample : M4885-19MSD
 Misc : 5.63g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:49:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69249	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	67300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33968	35.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.840%	
7) Chloroethane-d5	2.885	69	22688	35.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.520%	
11) 1,1-Dichloroethene-d2	4.019	63	48654	31.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 126.280%#	
21) 2-Butanone-d5	7.074	46	13628	61.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.860%	
24) Chloroform-d	7.653	84	55134	31.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 127.160%	
26) 1,2-Dichloroethane-d4	8.305	65	30461	32.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 128.440%	
32) Benzene-d6	8.275	84	102488	29.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 119.120%	
36) 1,2-Dichloropropane-d6	9.274	67	29297	30.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.560%#	
41) Toluene-d8	10.323	98	101611	28.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.200%	
43) trans-1,3-Dichloroprop...	10.579	79	14106	32.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 129.960%	
47) 2-Hexanone-d5	10.920	63	11537	63.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 126.120%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26501	29.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	36728	26.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8846	26.152	ug/L	100
3) Chloromethane	2.215	50	21536	28.440	ug/L	98
5) Vinyl chloride	2.361	62	39318	29.889	ug/L	96
6) Bromomethane	2.782	94	25705	29.388	ug/L	97
8) Chloroethane	2.922	64	18335	33.443	ug/L	98
9) Trichlorofluoromethane	3.257	101	20391	32.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	28392	28.557	ug/L	90
12) 1,1-Dichloroethene	4.044	96	25731	28.627	ug/L	79
13) Acetone	4.123	43	11736	58.544	ug/L	92
14) Carbon disulfide	4.385	76	73456	29.442	ug/L	98
15) Methyl Acetate	4.678	43	10796	29.702	ug/L	92
16) Methylene chloride	4.915	84	28631	26.243	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	28153	29.417	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	47138	32.634	ug/L	93
19) 1,1-Dichloroethane	6.220	63	44820	29.534	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	30129	29.674	ug/L	85
22) 2-Butanone	7.171	43	15723	56.676	ug/L	86
23) Bromochloromethane	7.519	128	15071	31.724	ug/L #	62
25) Chloroform	7.677	83	51065	29.977	ug/L	98

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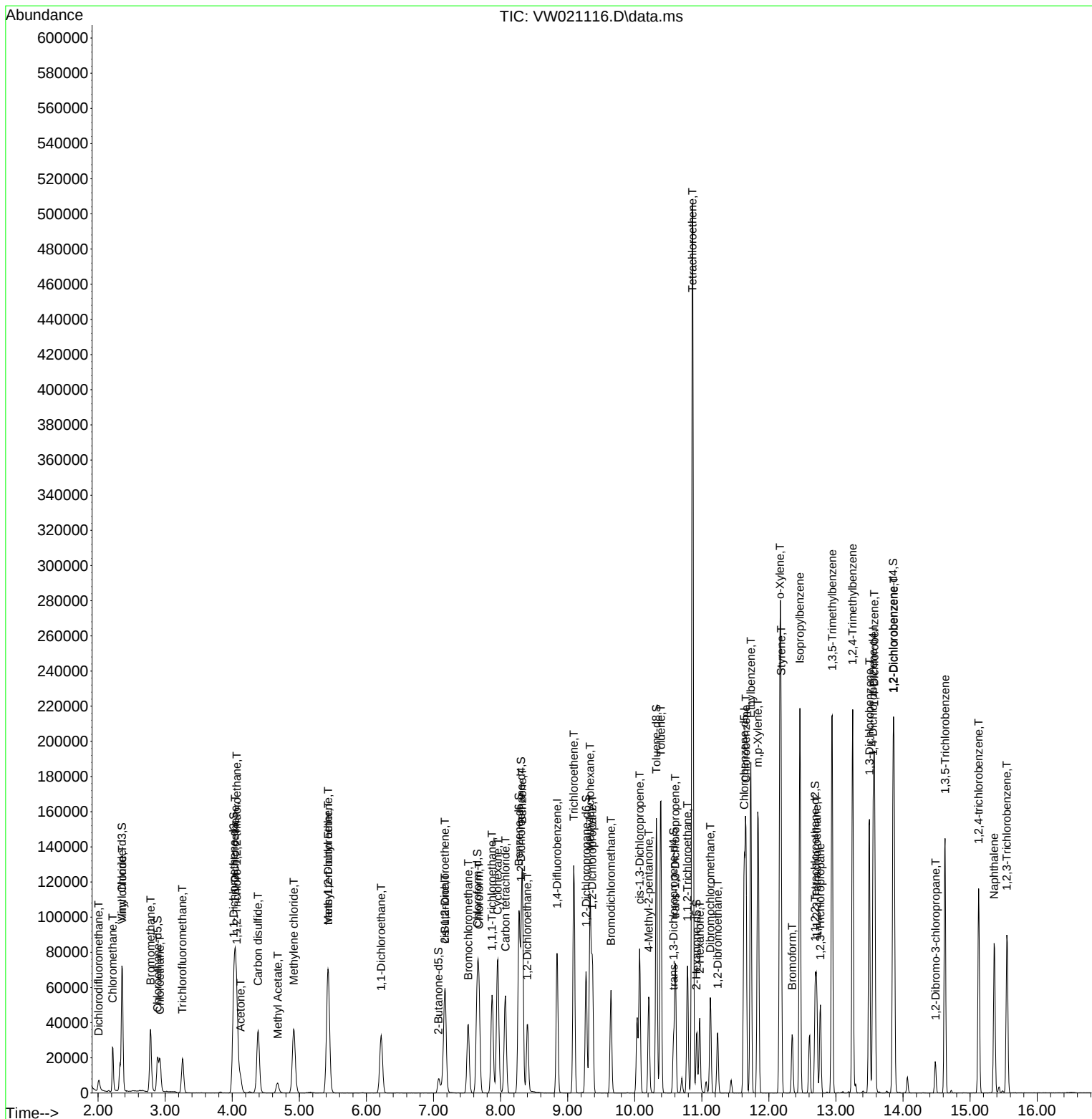
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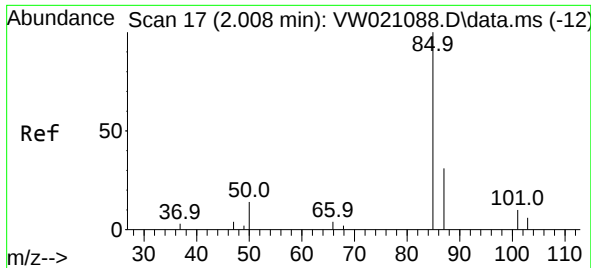
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 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	34864	31.286	ug/L	99
29) Cyclohexane	7.958	56	39633	26.695	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	44297	28.230	ug/L	95
31) Carbon tetrachloride	8.073	117	40770	27.961	ug/L	96
33) Benzene	8.323	78	107215	28.015	ug/L	100
34) Trichloroethene	9.092	95	42568	40.317	ug/L	95
35) Methylcyclohexane	9.335	83	45399	25.545	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	24685	28.538	ug/L #	95
38) Bromodichloromethane	9.646	83	35628	29.300	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	41883	29.935	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	34374	58.333	ug/L #	93
42) Toluene	10.390	91	121777	27.858	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	37006	29.234	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	22173	30.575	ug/L	96
46) Tetrachloroethene	10.859	164	110114	113.893	ug/L	93
48) 2-Hexanone	10.969	43	26182	61.592	ug/L #	96
49) Dibromochloromethane	11.128	129	26679	29.435	ug/L	90
50) 1,2-Dibromoethane	11.237	107	22402	30.291	ug/L #	96
51) Chlorobenzene	11.658	112	78964	27.035	ug/L	91
52) Ethylbenzene	11.731	91	129097	26.234	ug/L	97
53) m,p-Xylene	11.835	106	52683	25.879	ug/L	89
54) o-Xylene	12.164	106	50568	26.346	ug/L	94
55) Styrene	12.182	104	87866	26.869	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	25616	29.367	ug/L	97
59) Bromoform	12.347	173	15435	28.152	ug/L	94
60) Isopropylbenzene	12.463	105	139703	26.146	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	18533	28.777	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	114985	25.698	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	115016	25.558	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	65235	25.930	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	62548	24.599	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	58038	25.909	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.487	75	3988	27.422	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	45286	24.492	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	36009	23.700	ug/L	96
71) Naphthalene	15.359	128	73327	25.961	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	30730	23.175	ug/L	95

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

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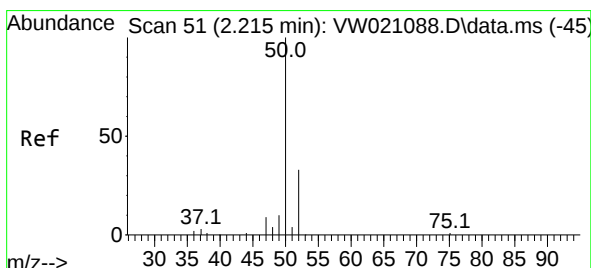
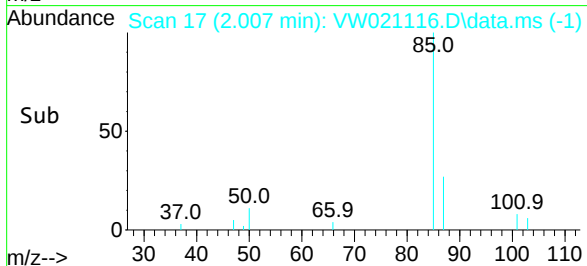
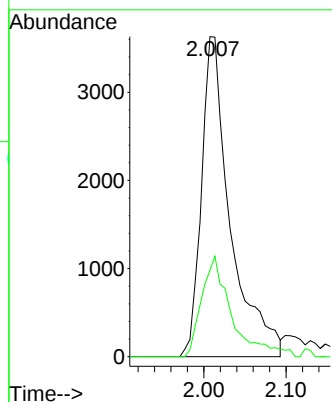
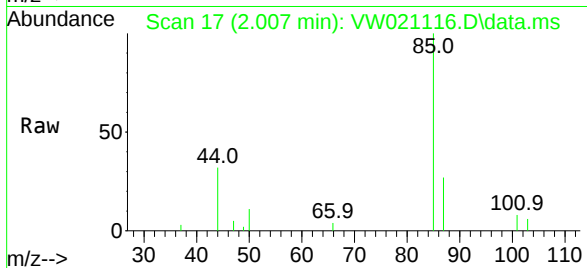




#2
Dichlorodifluoromethane
Concen: 26.152 ug/L
RT: 2.007 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

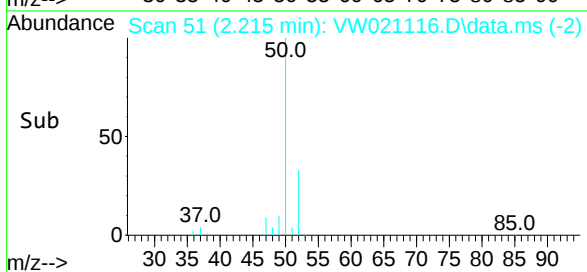
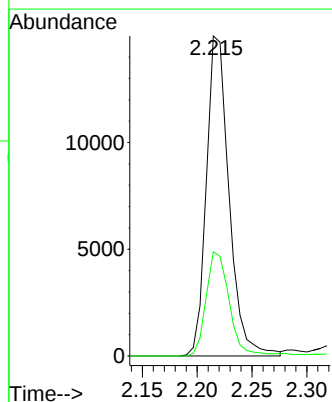
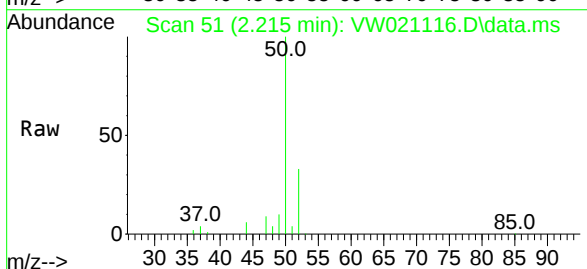
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ClientSampleId :

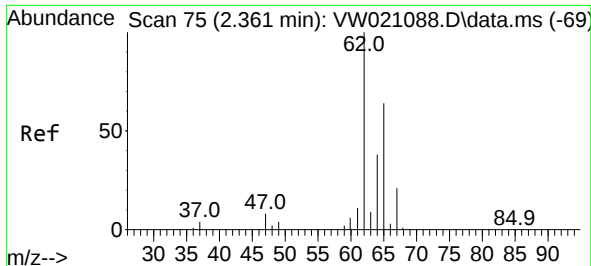
Tgt Ion: 85 Resp: 8846
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6



#3
Chloromethane
Concen: 28.440 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 50 Resp: 21536
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6

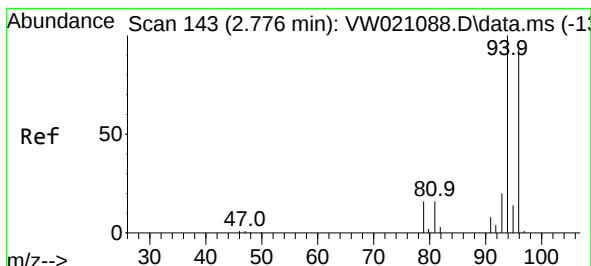
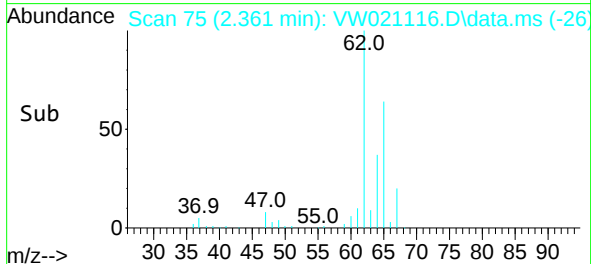
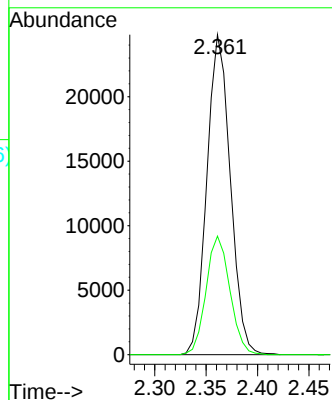
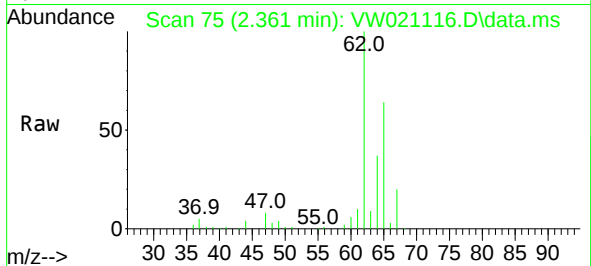




#5
 Vinyl chloride
 Concen: 29.889 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021116.D
 Acq: 04 Dec 2021 14:12

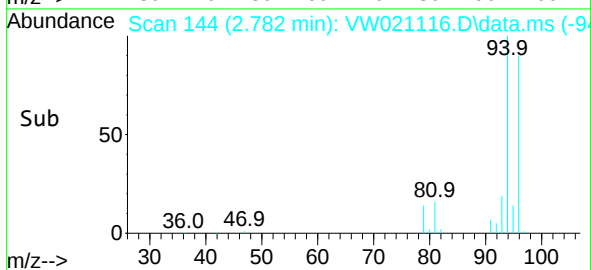
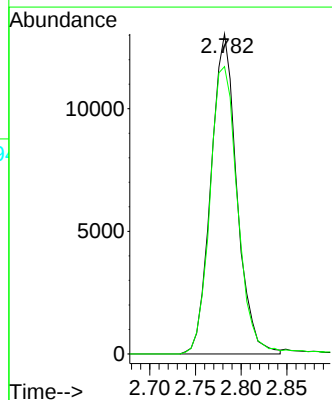
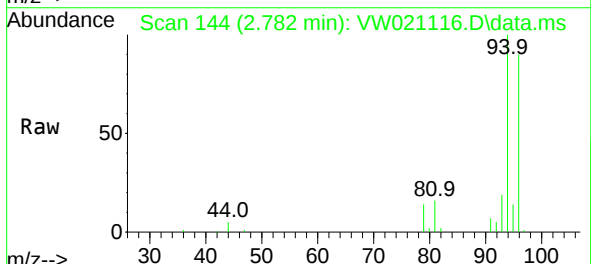
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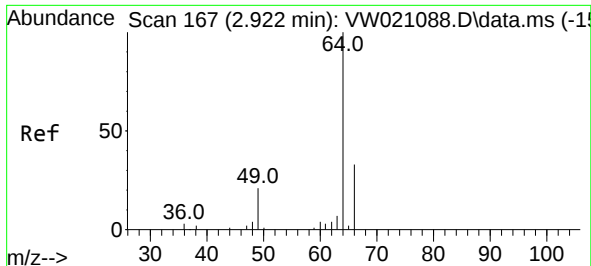
Tgt Ion: 62 Resp: 39318
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.4 45.2



#6
 Bromomethane
 Concen: 29.388 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021116.D
 Acq: 04 Dec 2021 14:12

Tgt Ion: 94 Resp: 25705
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.4

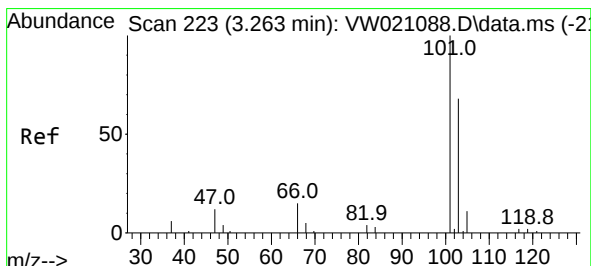
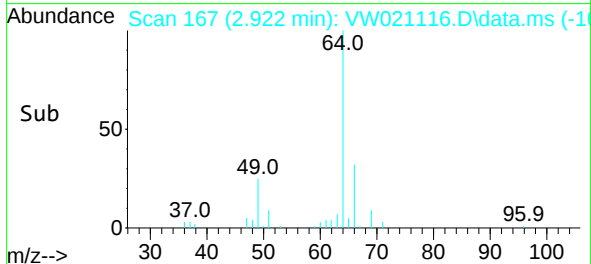
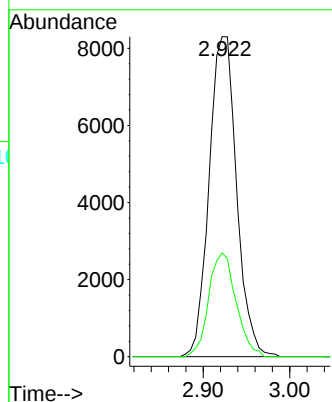
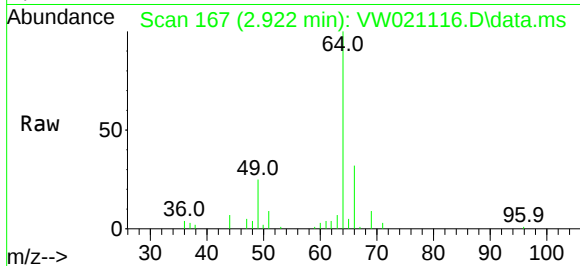




#8
Chloroethane
Concen: 33.443 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

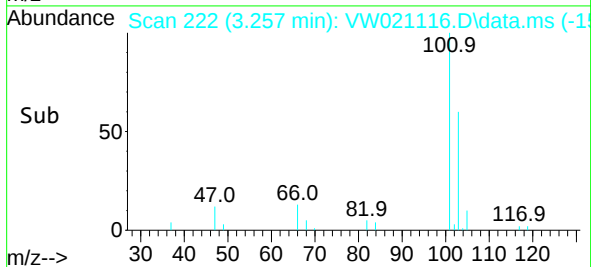
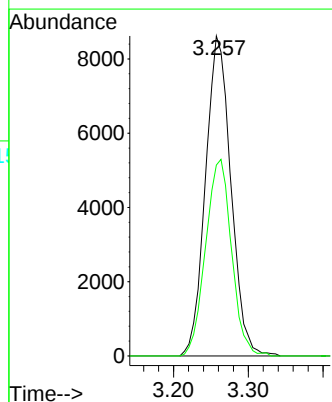
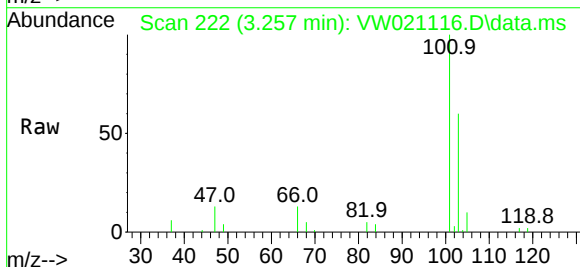
Instrument :
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ClientSampleId :

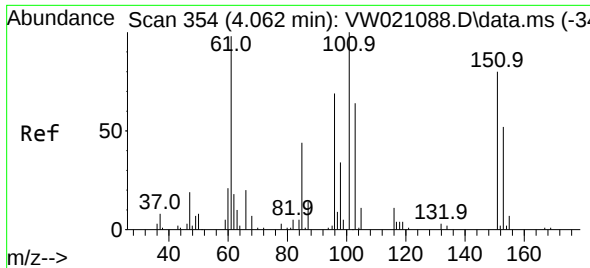
Tgt Ion: 64 Resp: 18335
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.102 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 101 Resp: 20391
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

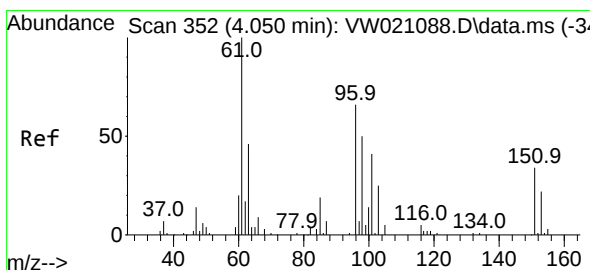
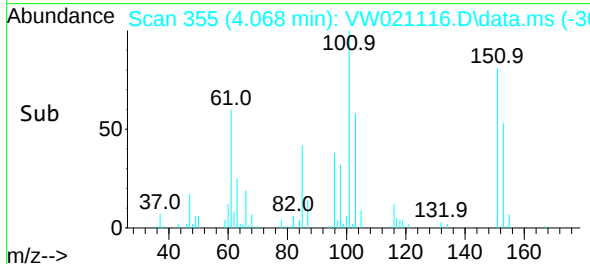
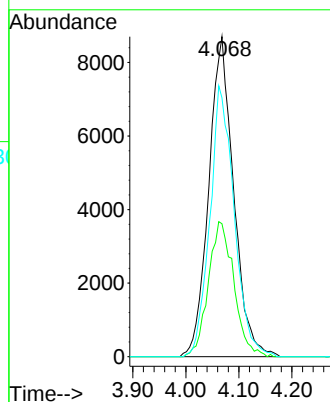
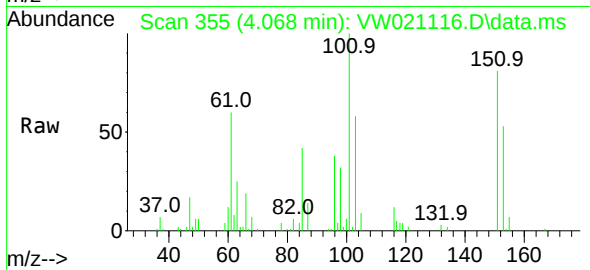




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.557 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021116.D
 Acq: 04 Dec 2021 14:12

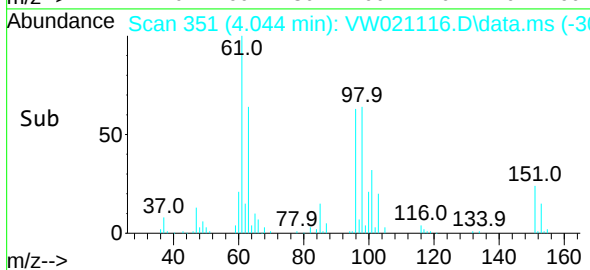
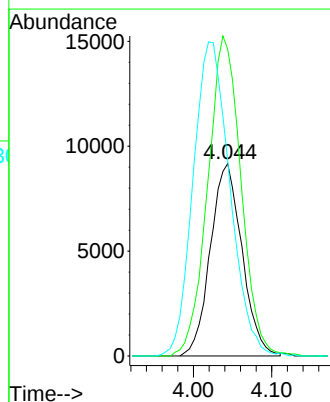
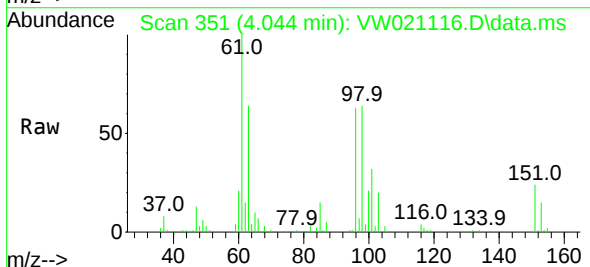
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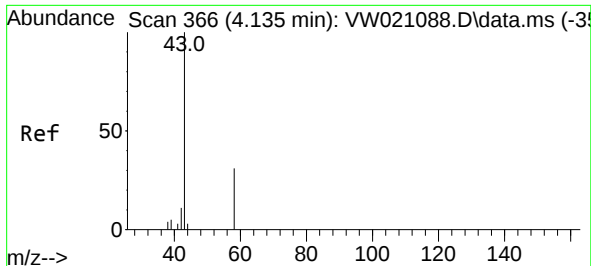
Tgt Ion:101 Resp: 28392
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.6 54.8
 151 82.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 28.627 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021116.D
 Acq: 04 Dec 2021 14:12

Tgt Ion: 96 Resp: 25731
 Ion Ratio Lower Upper
 96 100
 61 159.5 138.3 256.9
 63 101.8 82.6 153.4

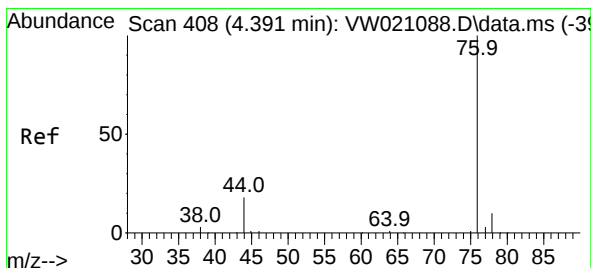
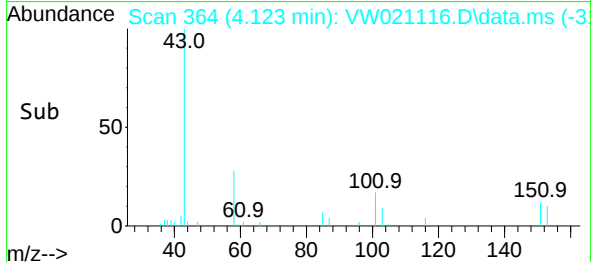
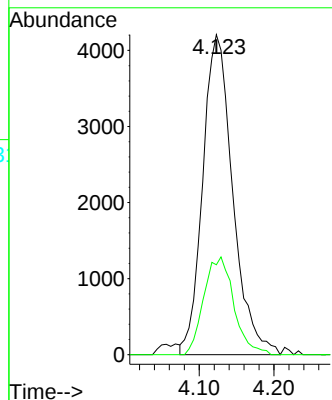
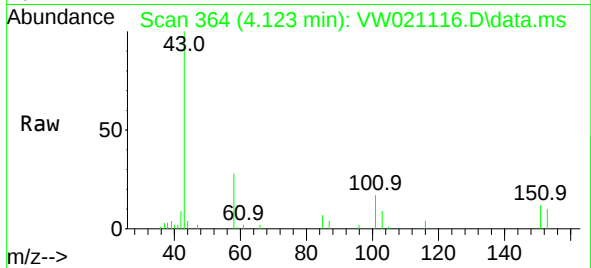




#13
Acetone
Concen: 58.544 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

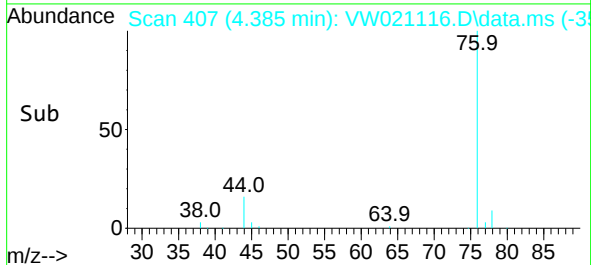
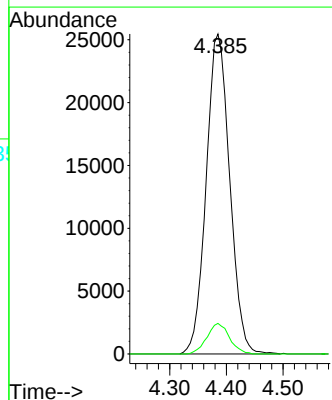
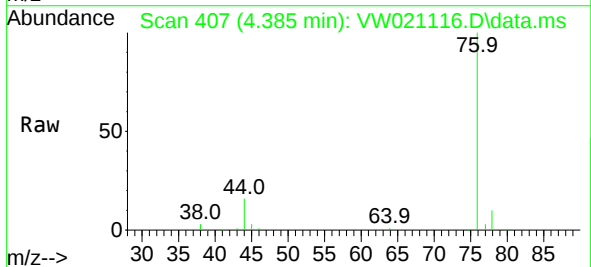
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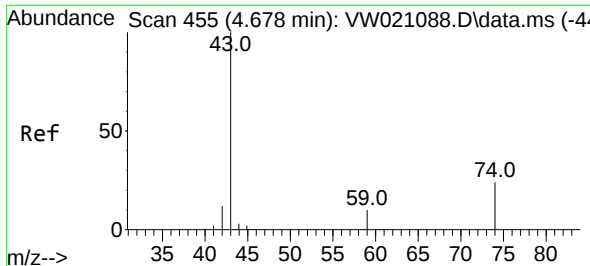
Tgt Ion: 43 Resp: 11736
Ion Ratio Lower Upper
43 100
58 30.5 0.0 52.8



#14
Carbon disulfide
Concen: 29.442 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Acq: 04 Dec 2021 14:12

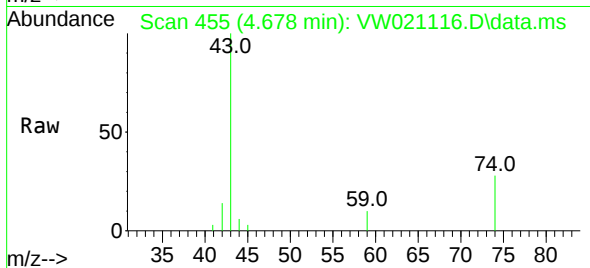
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Ion Ratio Lower Upper
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78 9.5 7.1 10.7



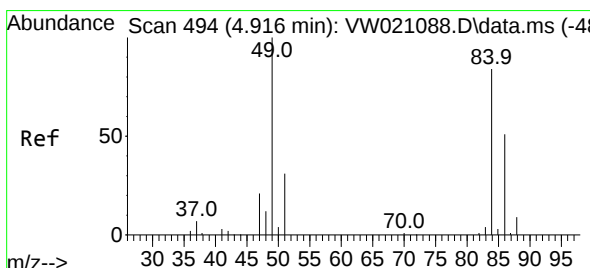
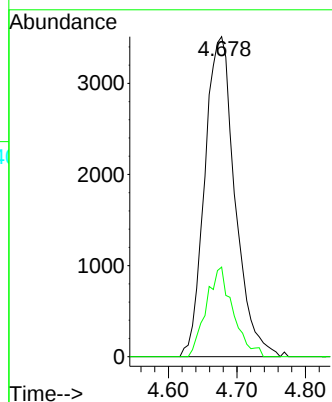
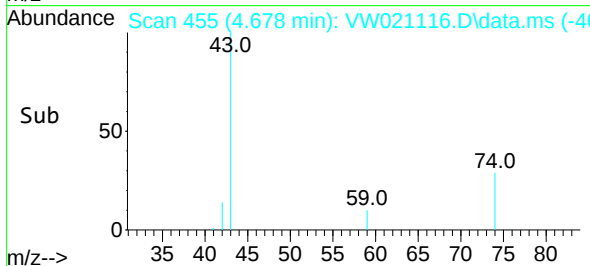


#15
Methyl Acetate
Concen: 29.702 ug/L
RT: 4.678 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

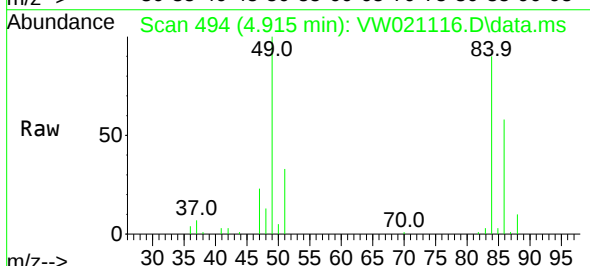
Instrument :
MSVOA_W
ClientSampleId :



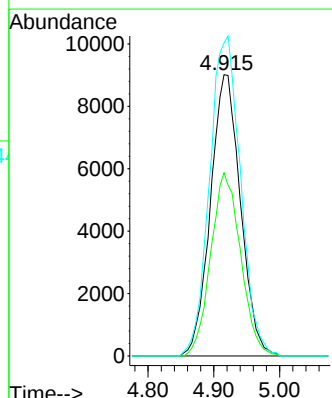
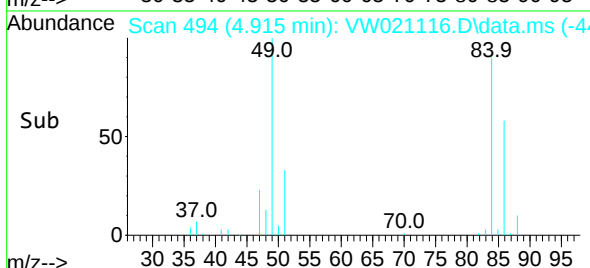
Tgt Ion: 43 Resp: 10796
Ion Ratio Lower Upper
43 100
74 24.2 16.4 24.6

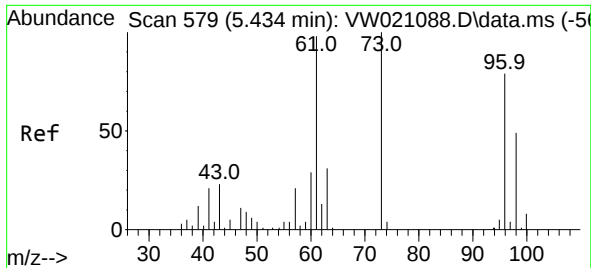


#16
Methylene chloride
Concen: 26.243 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12



Tgt Ion: 84 Resp: 28631
Ion Ratio Lower Upper
84 100
86 65.1 45.5 84.5
49 111.4 100.5 186.7

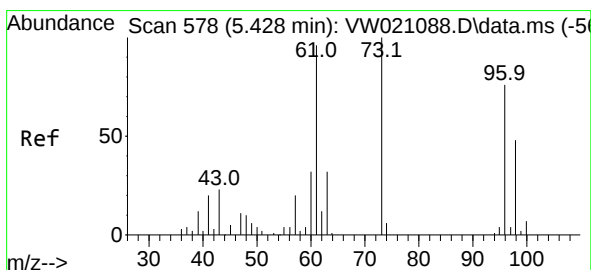
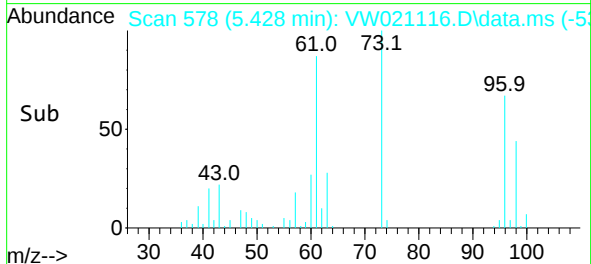
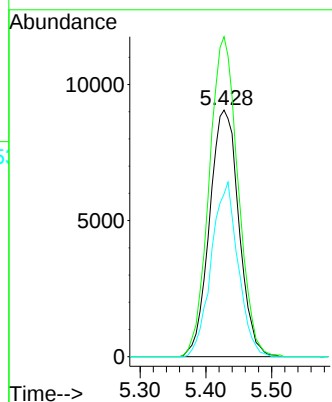
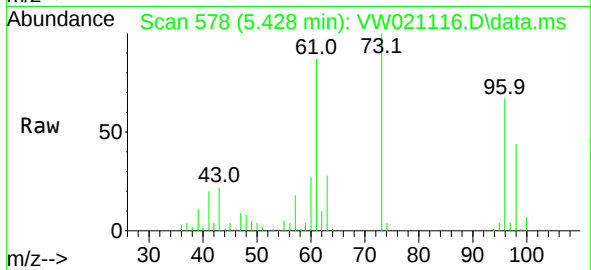




#17
trans-1,2-Dichloroethene
Concen: 29.417 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

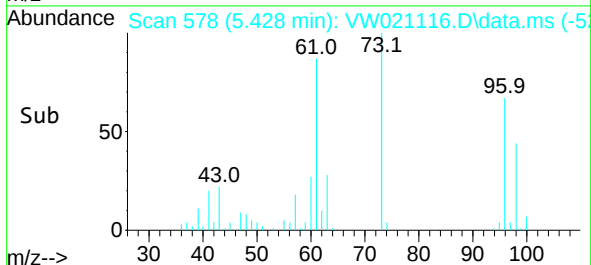
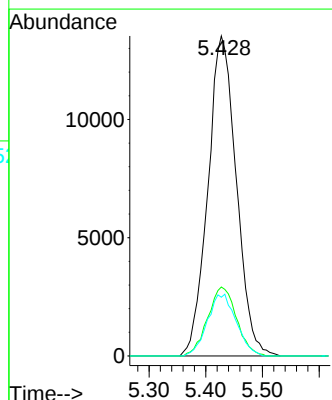
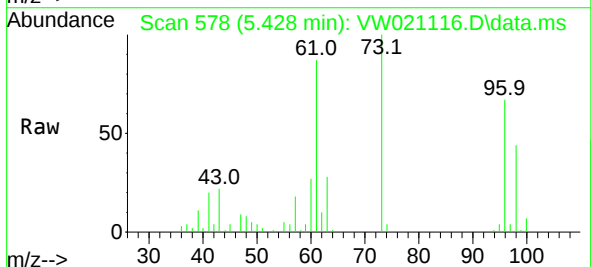
Instrument :
MSVOA_W
ClientSampleId :

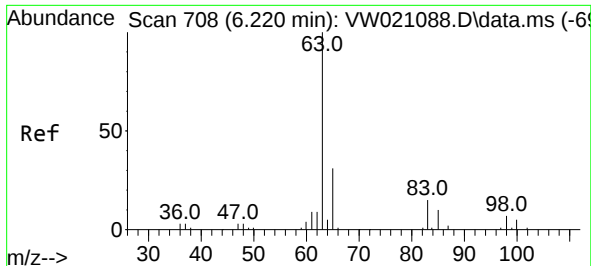
Tgt Ion: 96 Resp: 28153
Ion Ratio Lower Upper
96 100
61 129.8 107.4 199.4
98 66.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 32.634 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 73 Resp: 47138
Ion Ratio Lower Upper
73 100
43 21.8 19.5 29.3
57 19.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 29.534 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021116.D

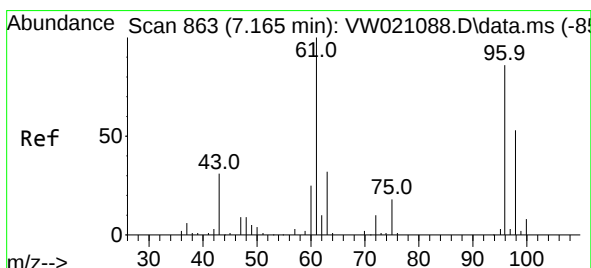
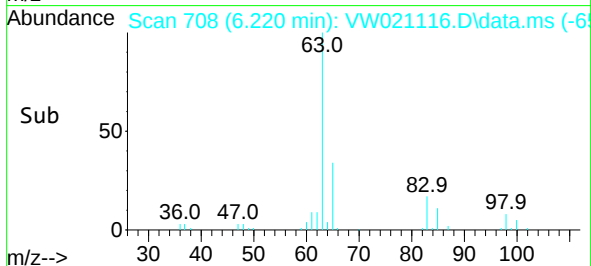
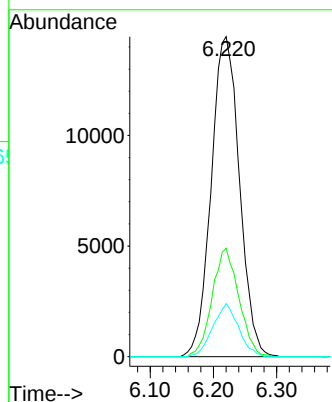
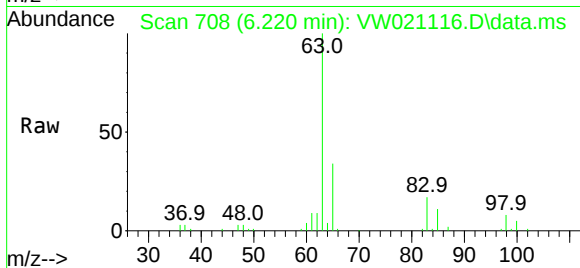
Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 44820
Ion Ratio	Lower Upper
63 100	
65 33.9	22.1 41.1
83 16.6	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 29.674 ug/L

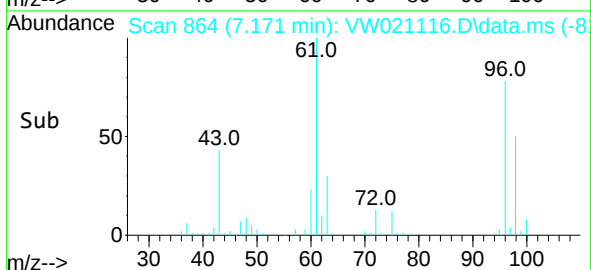
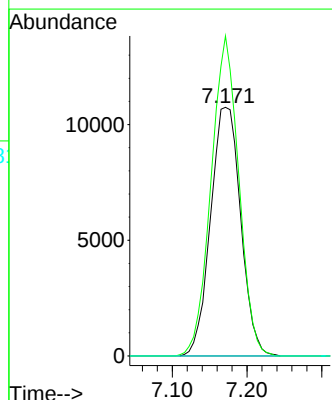
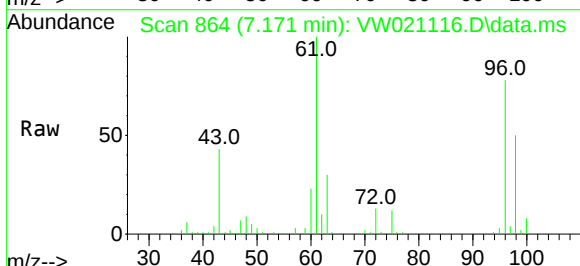
RT: 7.171 min Scan# 864

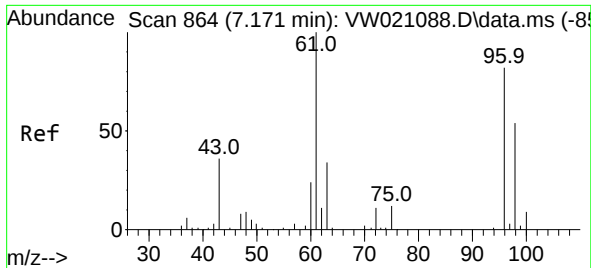
Delta R.T. 0.006 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Tgt Ion: 96	Resp: 30129		
Ion Ratio	Lower	Upper	
96	100		
61	128.7	103.7	192.7
68	0.0	0.0	0.0

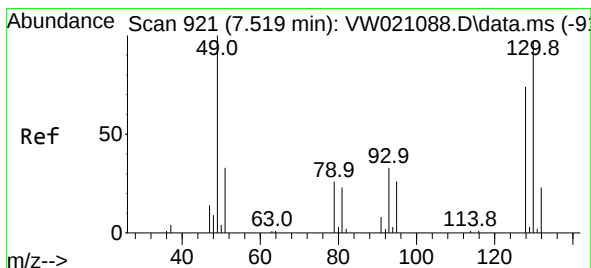
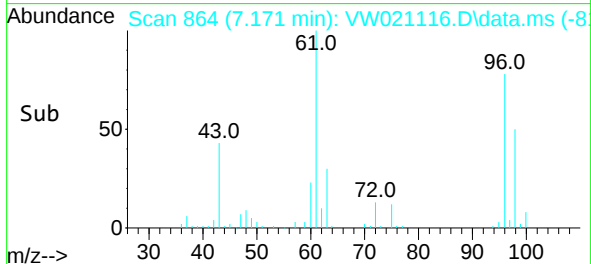
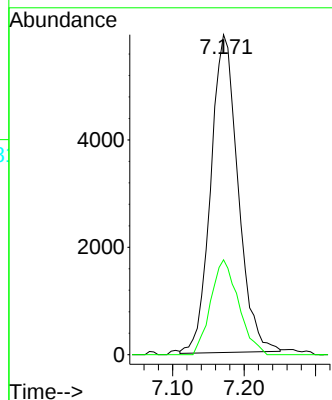
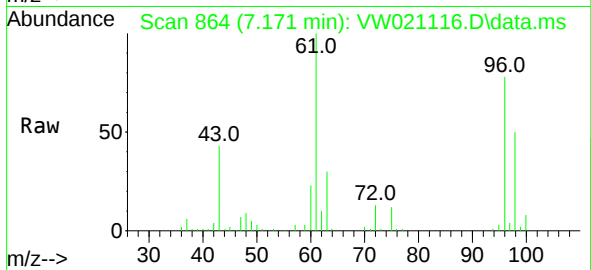




#22
2-Butanone
Concen: 56.676 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

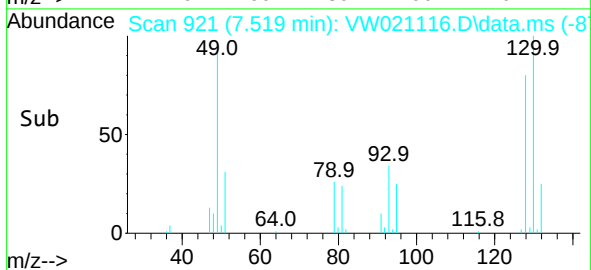
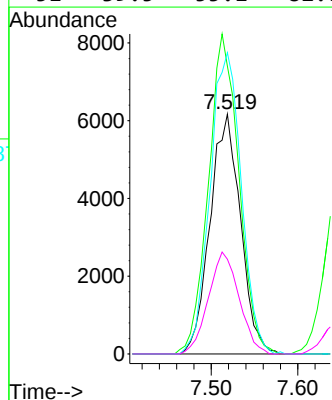
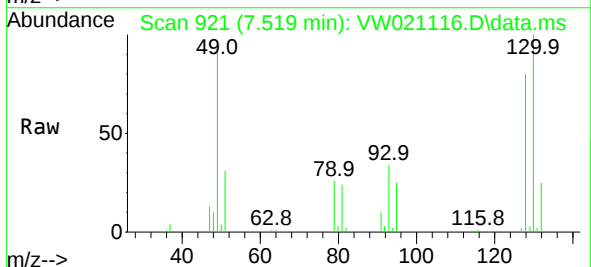
Instrument :
MSVOA_W
ClientSampleId :

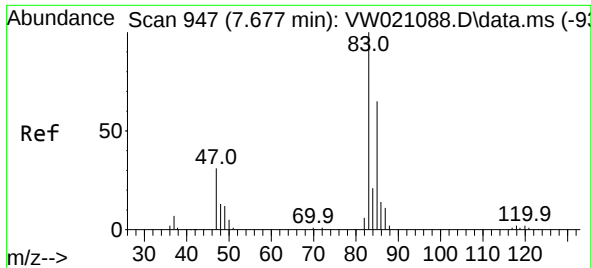
Tgt Ion: 43 Resp: 15723
Ion Ratio Lower Upper
43 100
72 30.3 11.8 35.4



#23
Bromochloromethane
Concen: 31.724 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 128 Resp: 15071
Ion Ratio Lower Upper
128 100
49 120.0 150.3 279.1#
130 125.6 88.3 163.9
51 39.5 55.1 82.7#

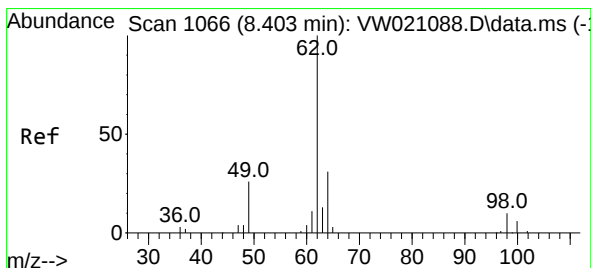
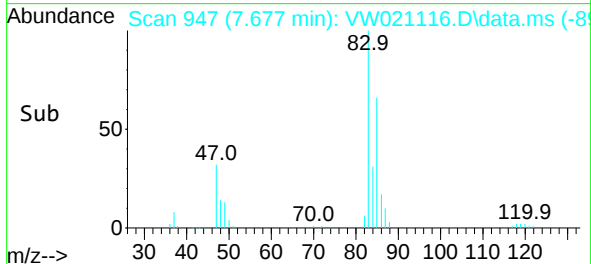
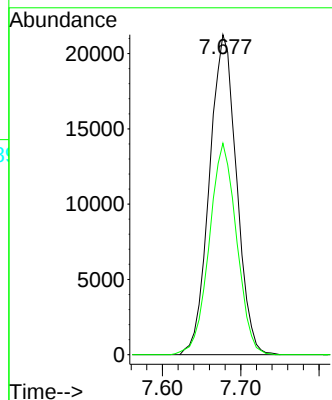
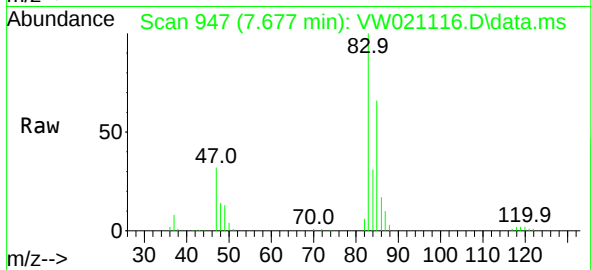




#25
Chloroform
Concen: 29.977 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

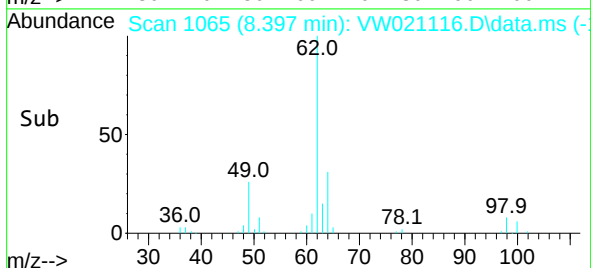
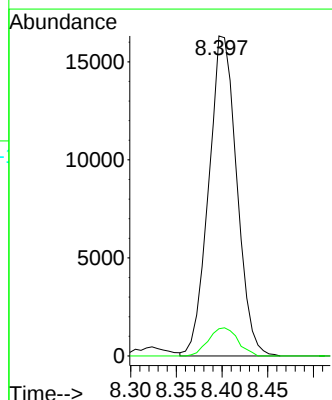
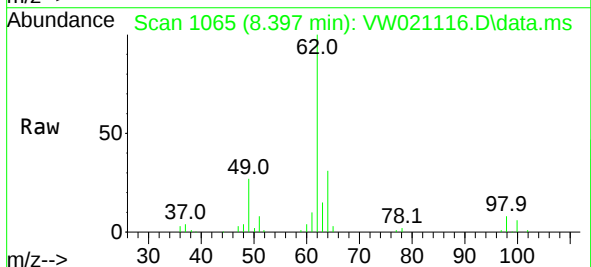
Instrument :
MSVOA_W
ClientSampleId :

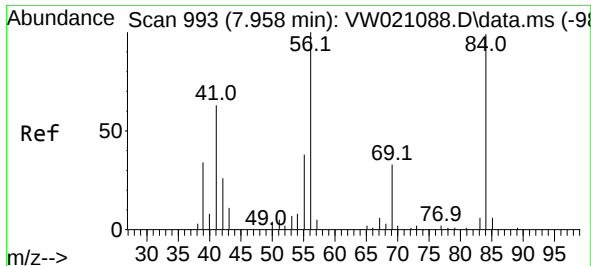
Tgt Ion: 83 Resp: 51065
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 31.286 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 62 Resp: 34864
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7





#29

Cyclohexane

Concen: 26.695 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

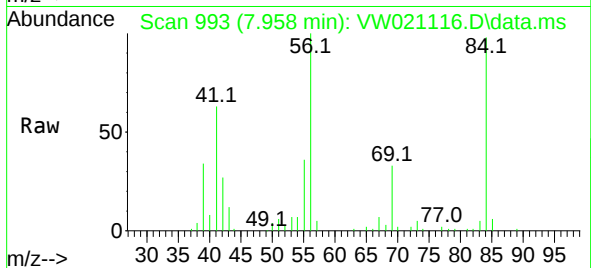
Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :



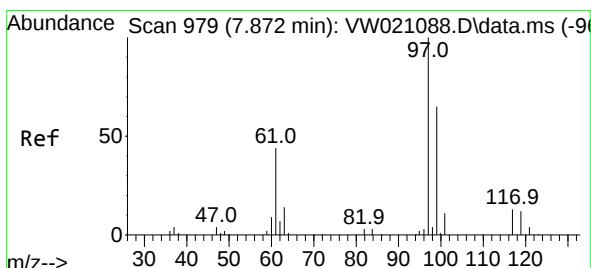
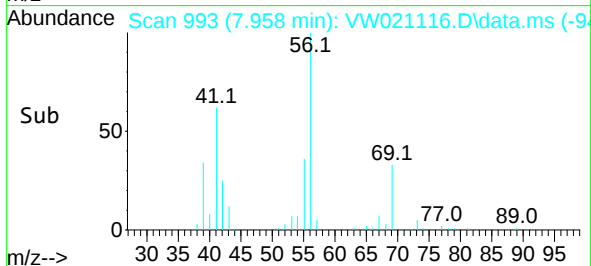
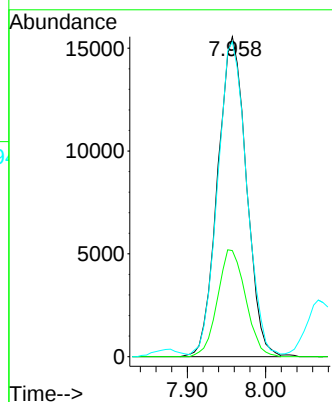
Tgt Ion: 56 Resp: 39633

Ion Ratio Lower Upper

56 100

69 32.6 23.5 35.3

84 99.6 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 28.230 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

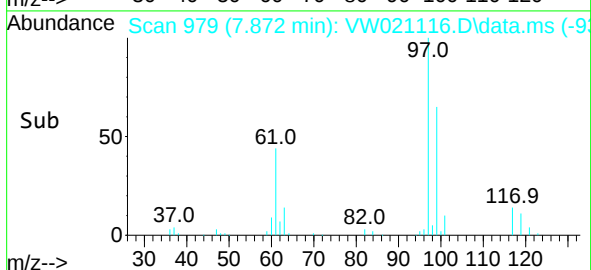
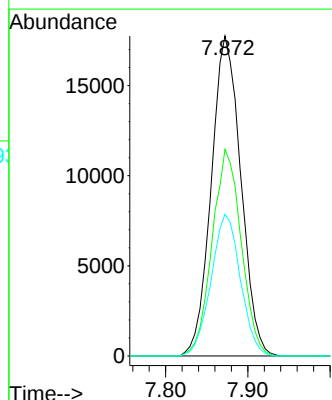
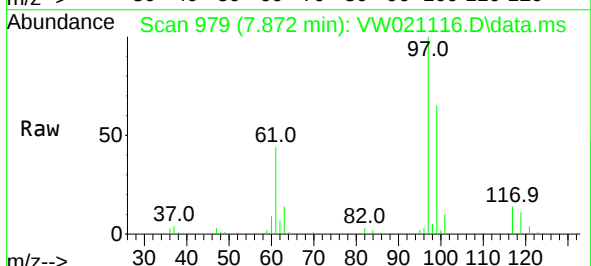
Tgt Ion: 97 Resp: 44297

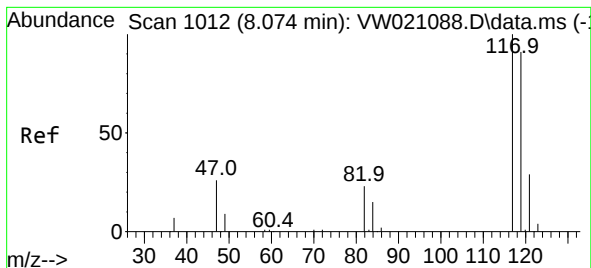
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 43.9 40.9 61.3





#31

Carbon tetrachloride

Concen: 27.961 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

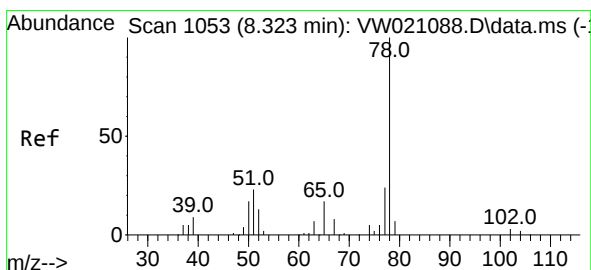
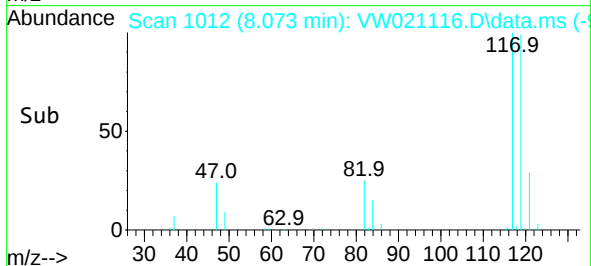
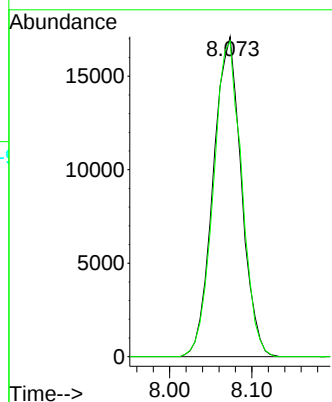
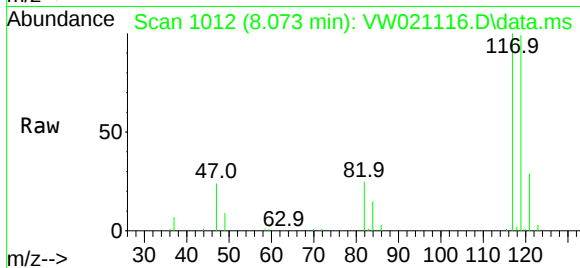
ClientSampleId :

Tgt Ion:117 Resp: 40770

Ion Ratio Lower Upper

117 100

119 98.7 75.7 113.5



#33

Benzene

Concen: 28.015 ug/L

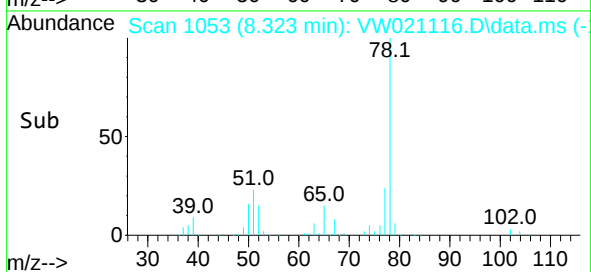
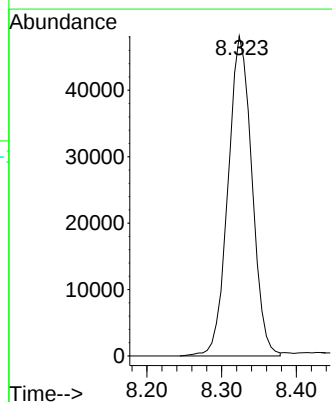
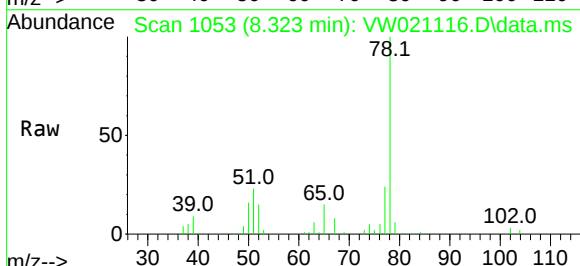
RT: 8.323 min Scan# 1053

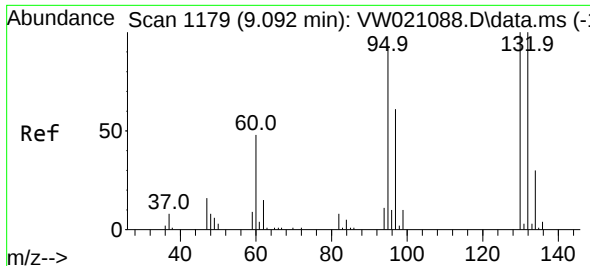
Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Tgt Ion: 78 Resp: 107215





#34

Trichloroethene

Concen: 40.317 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

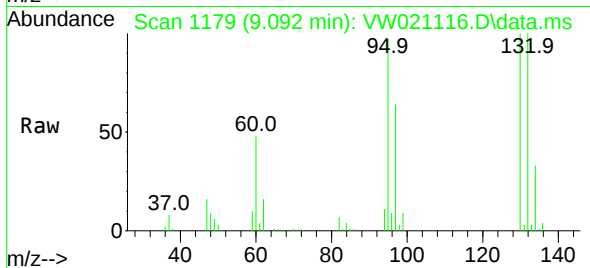
Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 42568

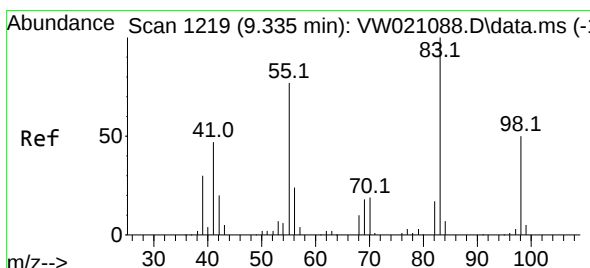
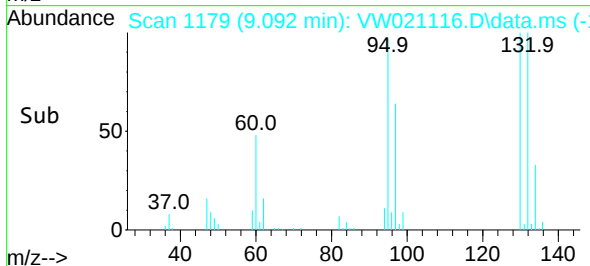
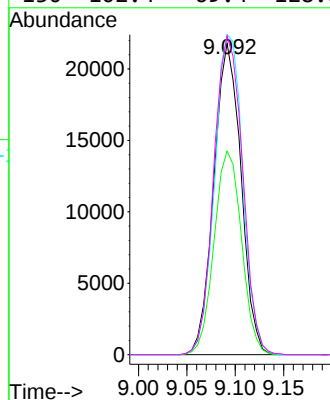
Ion Ratio Lower Upper

95 100

97 65.4 47.0 87.2

132 102.8 65.5 121.6

130 102.4 69.4 128.8



#35

Methylcyclohexane

Concen: 25.545 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

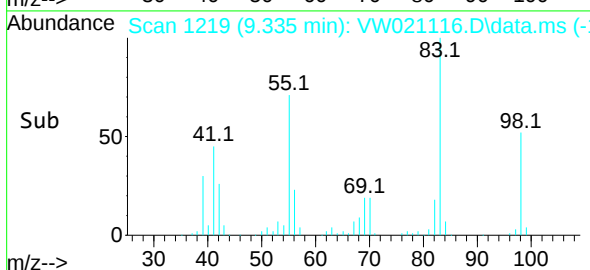
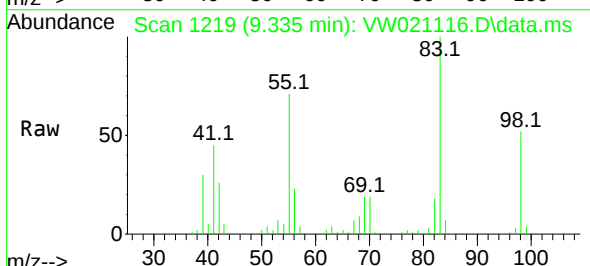
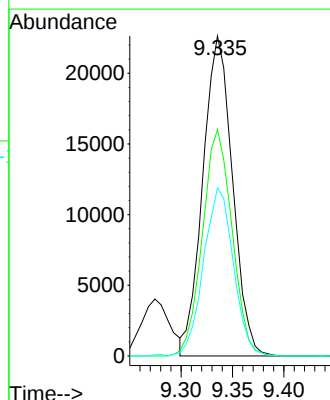
Tgt Ion: 83 Resp: 45399

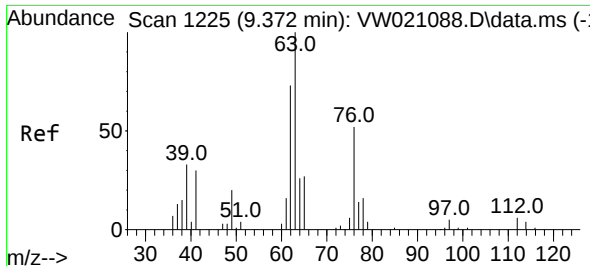
Ion Ratio Lower Upper

83 100

55 70.4 70.8 106.2#

98 52.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 28.538 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

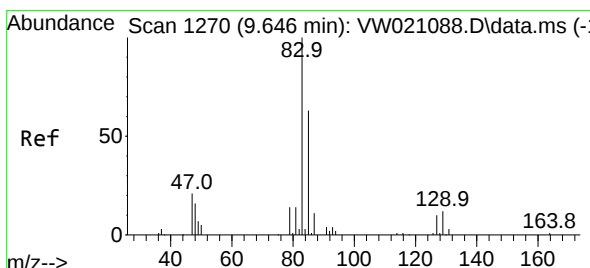
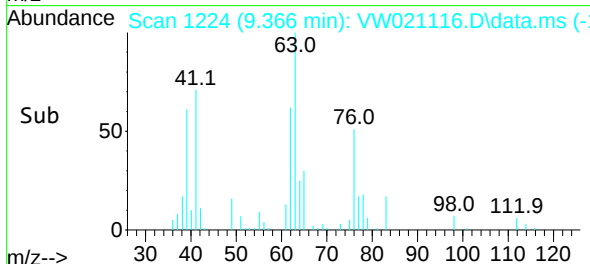
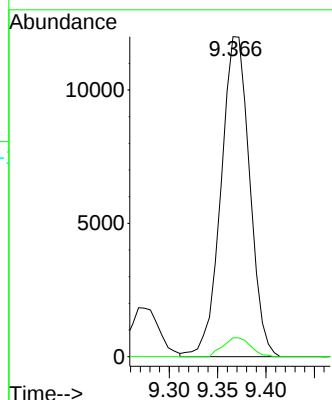
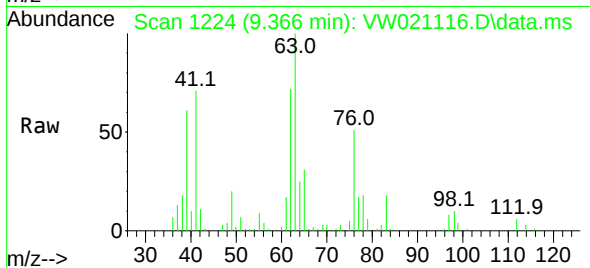
ClientSampleId :

Tgt Ion: 63 Resp: 24685

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 29.300 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

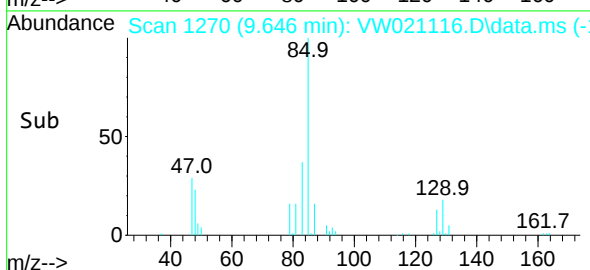
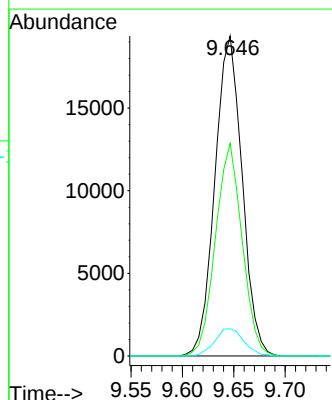
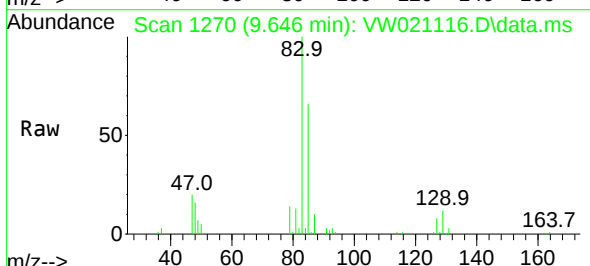
Tgt Ion: 83 Resp: 35628

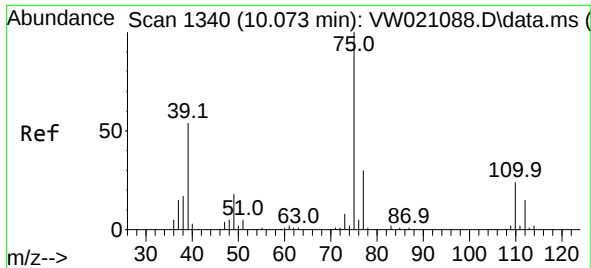
Ion Ratio Lower Upper

83 100

85 66.5 44.1 81.9

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 29.935 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

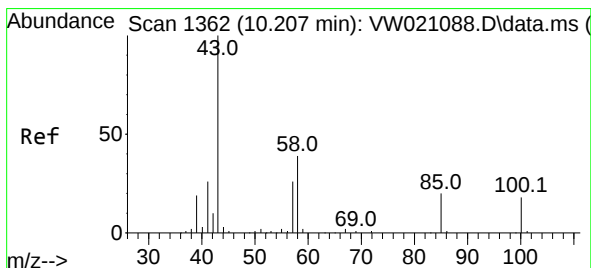
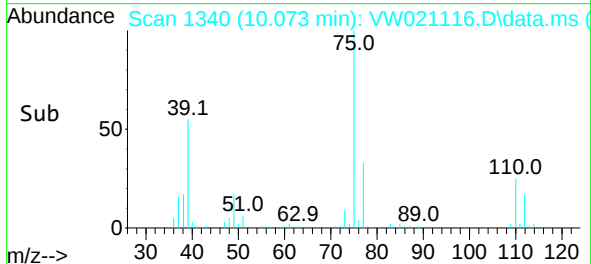
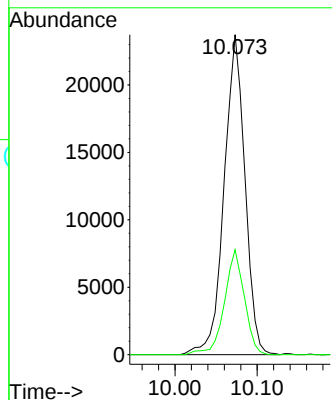
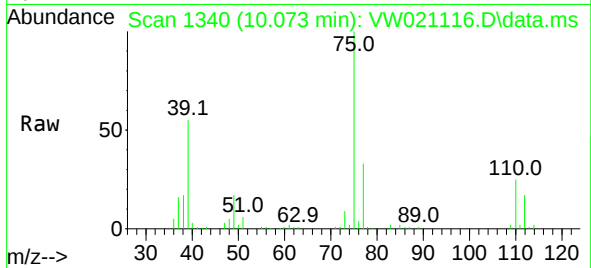
ClientSampleId :

Tgt Ion: 75 Resp: 41883

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.333 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

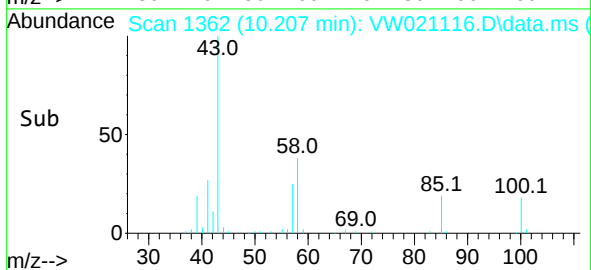
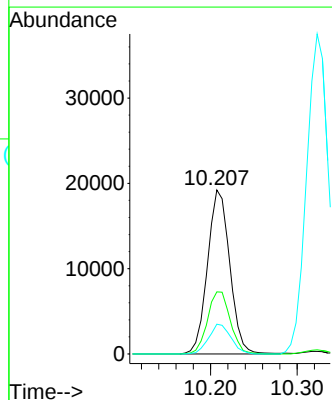
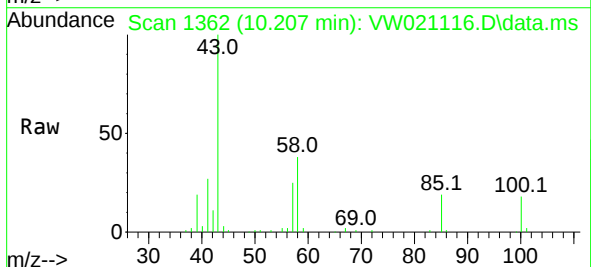
Tgt Ion: 43 Resp: 34374

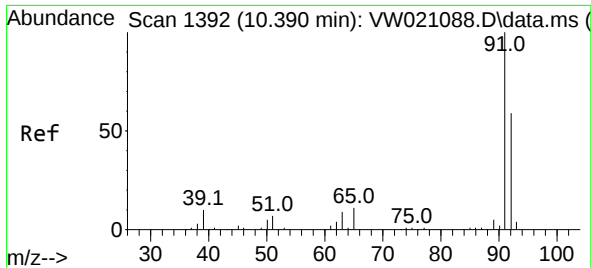
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

100 18.1 10.0 15.0#

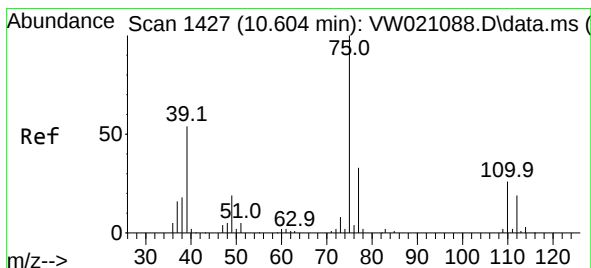
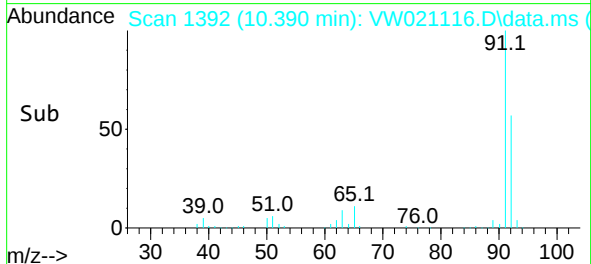
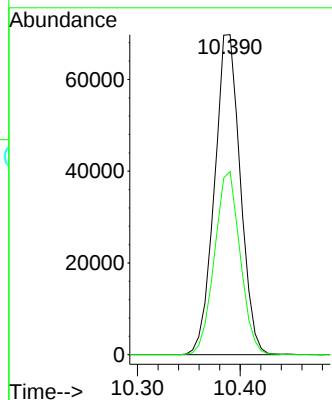
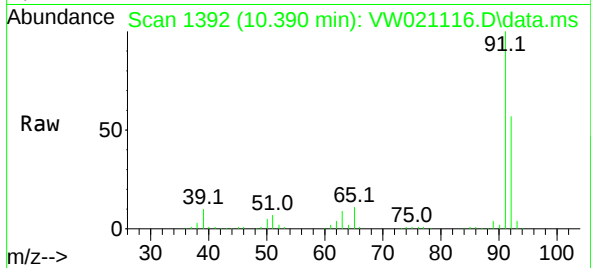




#42
Toluene
Concen: 27.858 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

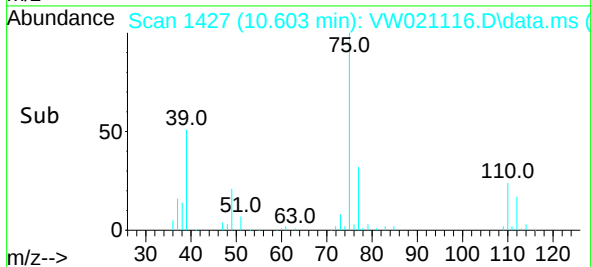
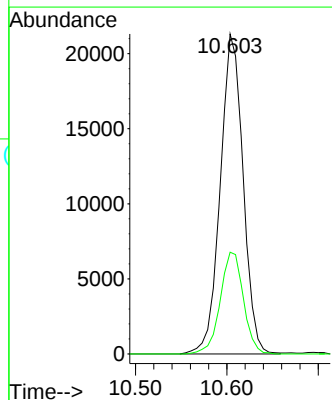
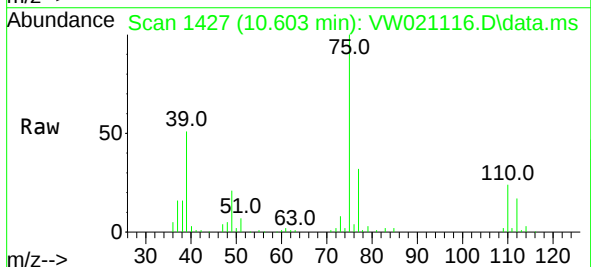
Instrument :
MSVOA_W
ClientSampleId :

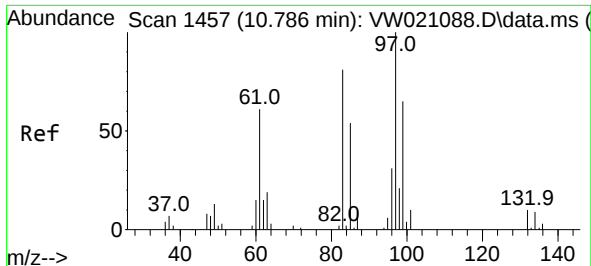
Tgt Ion: 91 Resp: 121777
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 29.234 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

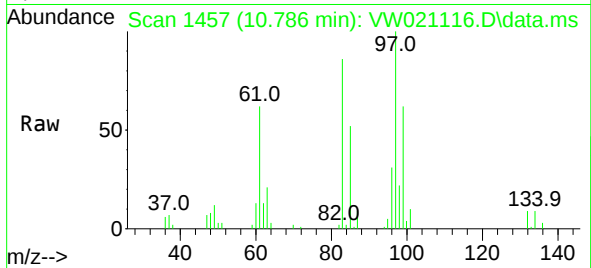
Tgt Ion: 75 Resp: 37006
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2



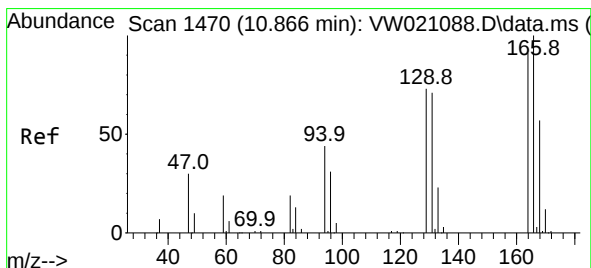
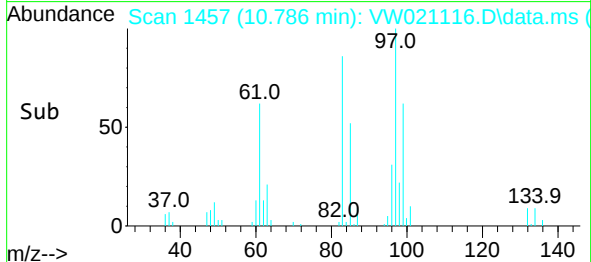
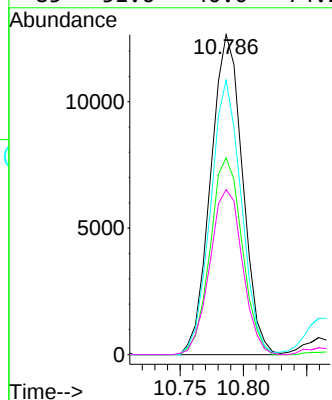


#45
1,1,2-Trichloroethane
Concen: 30.575 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Instrument :
MSVOA_W
ClientSampleId :

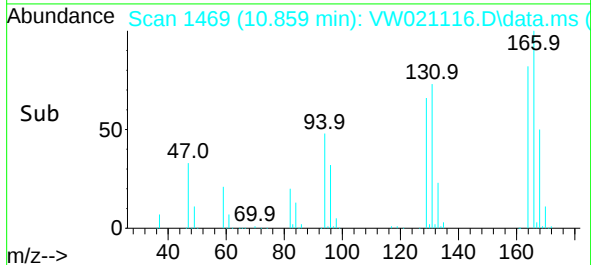
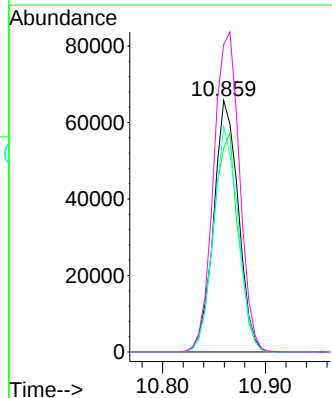
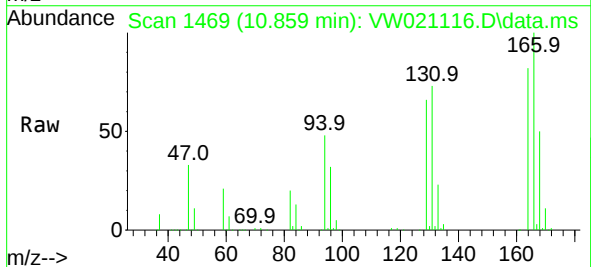


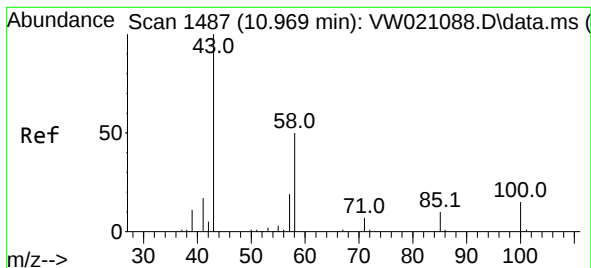
Tgt Ion:	97	Resp:	22173
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.0	79.8
83	85.8	62.6	116.3
85	51.6	40.0	74.2



#46
Tetrachloroethene
Concen: 113.893 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

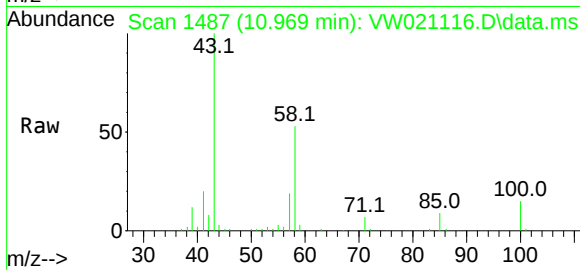
Tgt Ion:	164	Resp:	110114
Ion	Ratio	Lower	Upper
164	100		
129	81.1	65.5	121.7
131	89.8	59.7	110.9
166	122.4	88.7	164.7



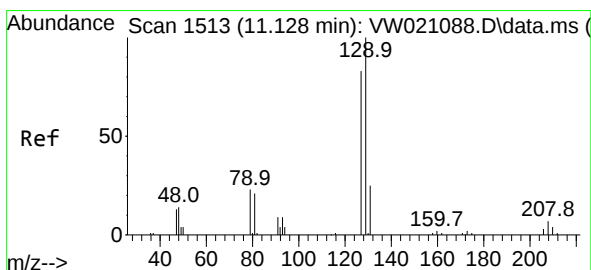
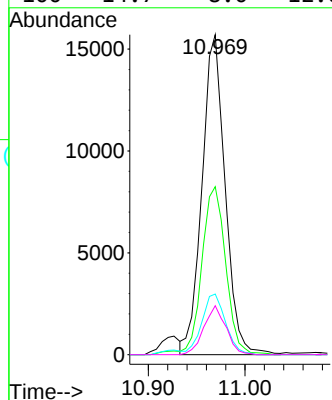
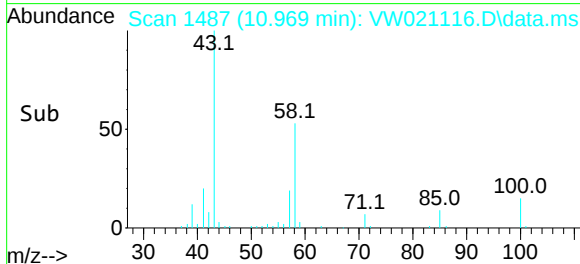


#48
2-Hexanone
Concen: 61.592 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Instrument :
MSVOA_W
ClientSampleId :

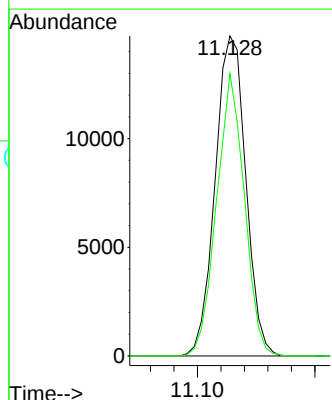
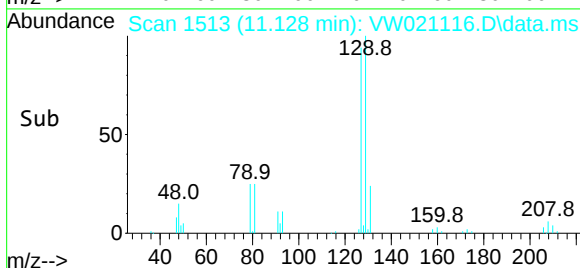
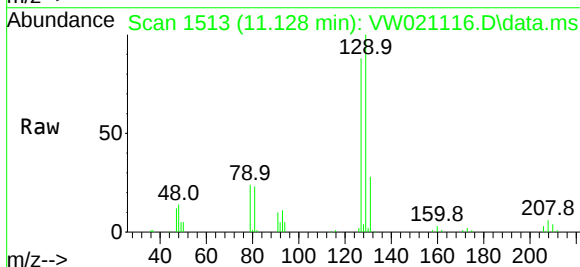


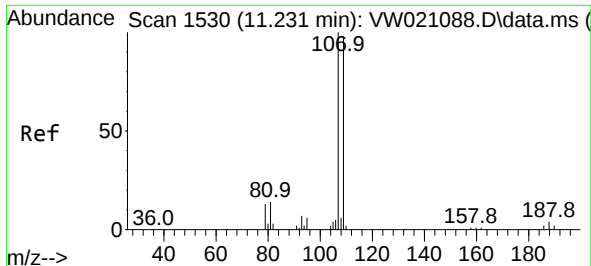
Tgt Ion: 43 Resp: 26182
Ion Ratio Lower Upper
43 100
58 52.3 40.2 60.2
57 19.3 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 29.435 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion: 129 Resp: 26679
Ion Ratio Lower Upper
129 100
127 88.2 55.7 103.5

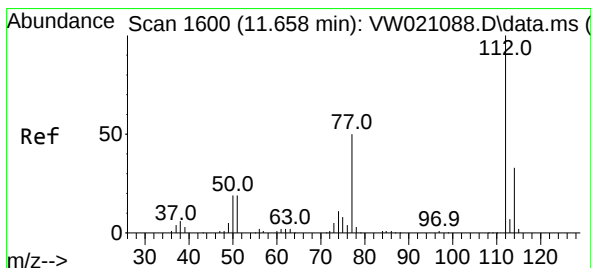
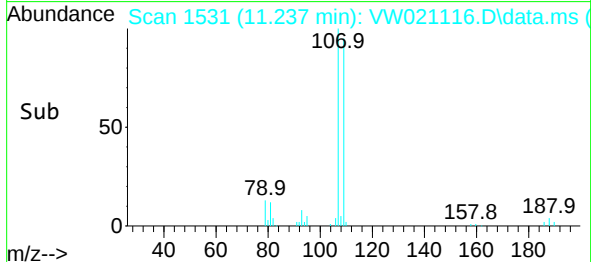
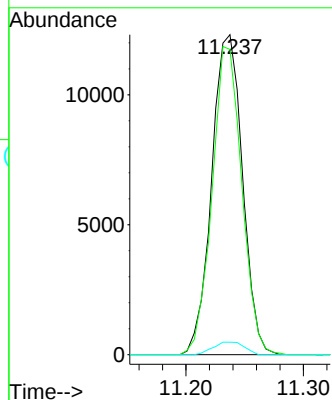
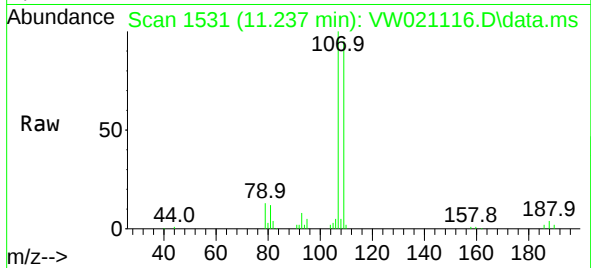




#50
1,2-Dibromoethane
Concen: 30.291 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

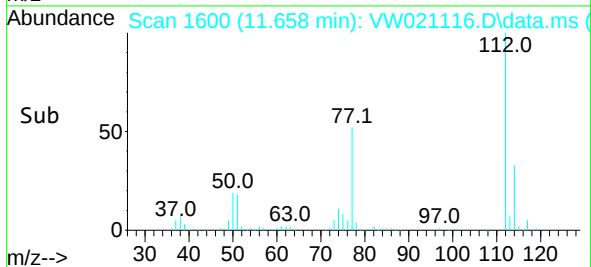
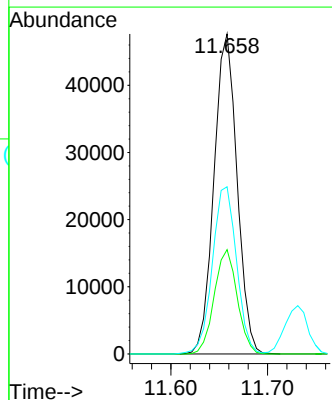
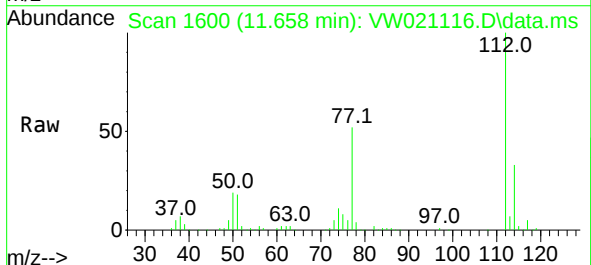
Instrument :
MSVOA_W
ClientSampleId :

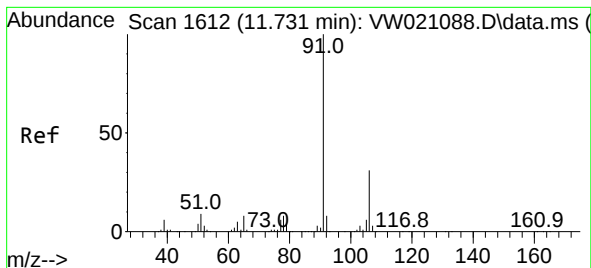
Tgt Ion:107 Resp: 22402
Ion Ratio Lower Upper
107 100
109 95.4 64.1 119.1
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 27.035 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion:112 Resp: 78964
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 52.2 50.2 75.4

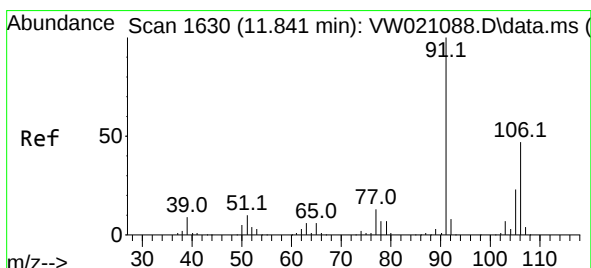
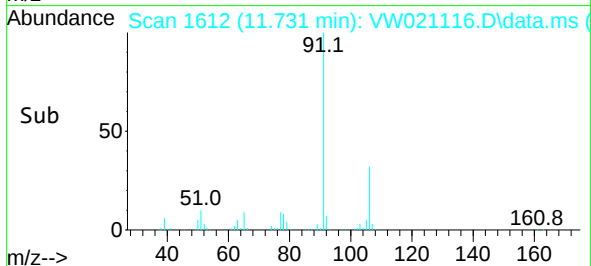
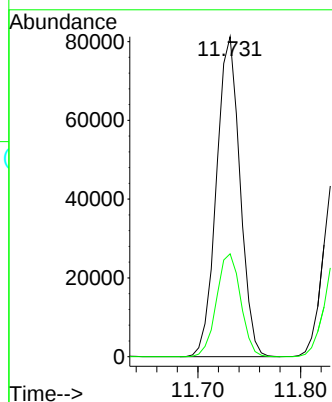
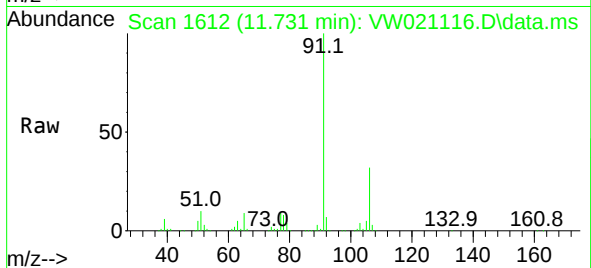




#52
Ethylbenzene
Concen: 26.234 ug/L
RT: 11.731 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

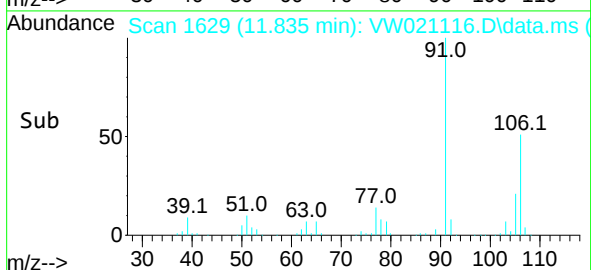
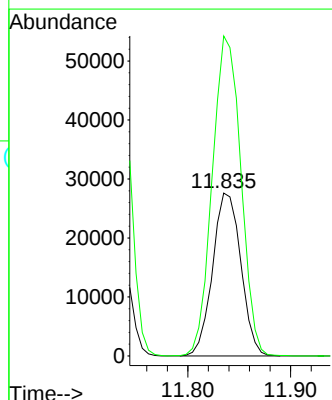
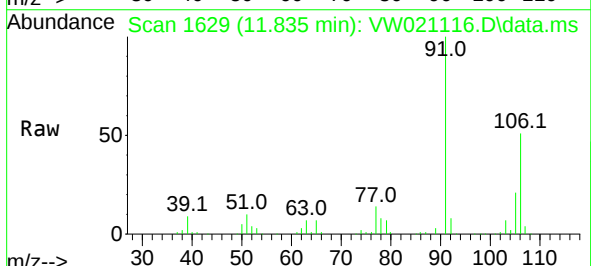
Instrument :
MSVOA_W
ClientSampleId :

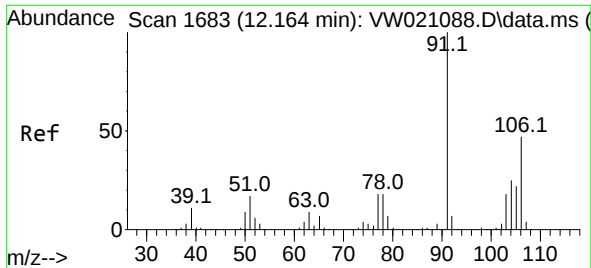
Tgt Ion: 91 Resp: 129097
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 25.879 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion:106 Resp: 52683
Ion Ratio Lower Upper
106 100
91 196.4 149.9 278.3

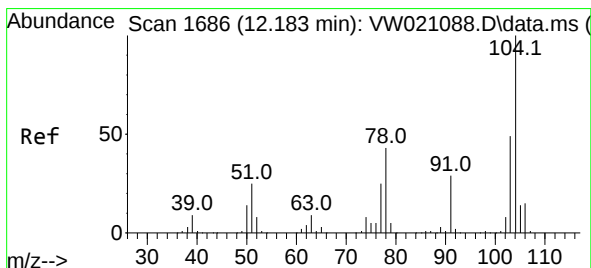
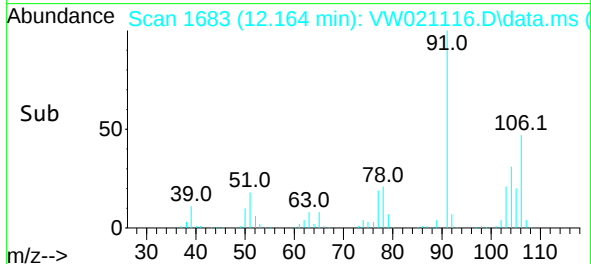
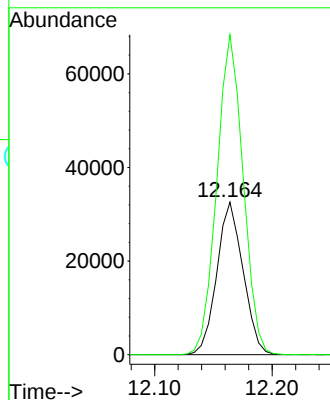
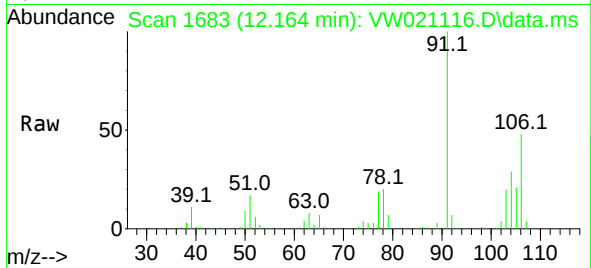




#54
o-Xylene
Concen: 26.346 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

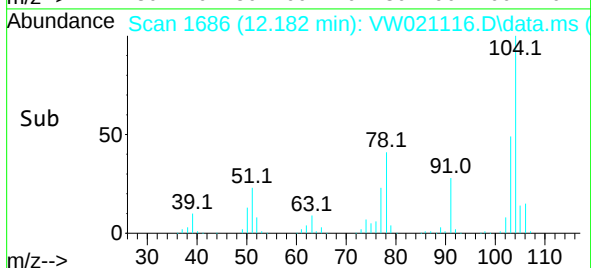
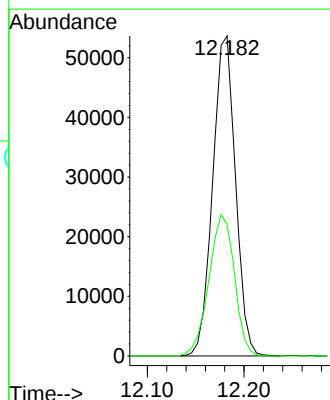
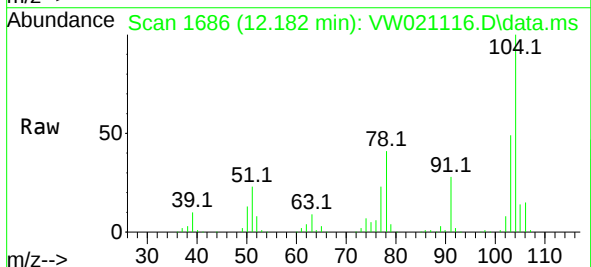
Instrument :
MSVOA_W
ClientSampleId :

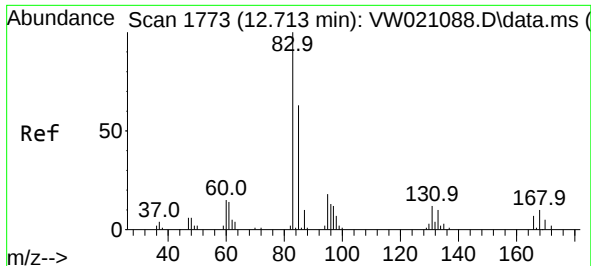
Tgt Ion:106 Resp: 50568
Ion Ratio Lower Upper
106 100
91 209.8 153.6 285.3



#55
Styrene
Concen: 26.869 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion:104 Resp: 87866
Ion Ratio Lower Upper
104 100
78 41.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.367 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021116.D

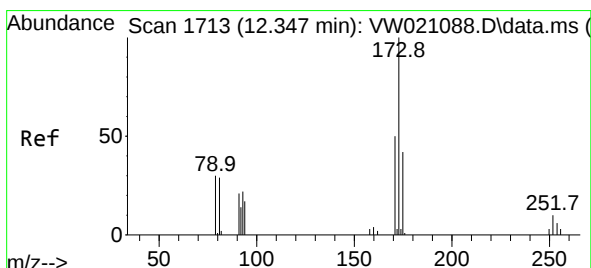
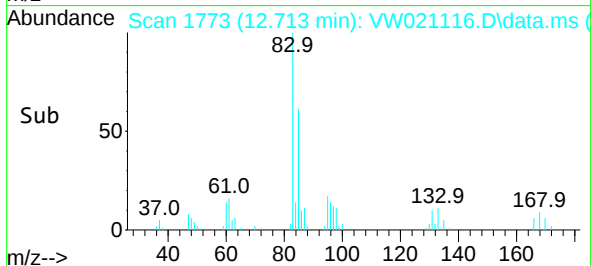
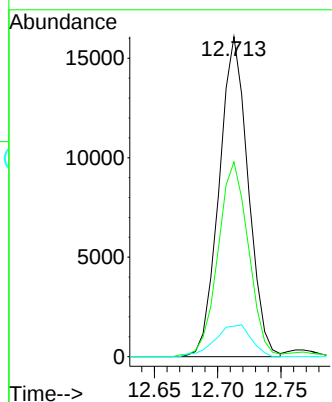
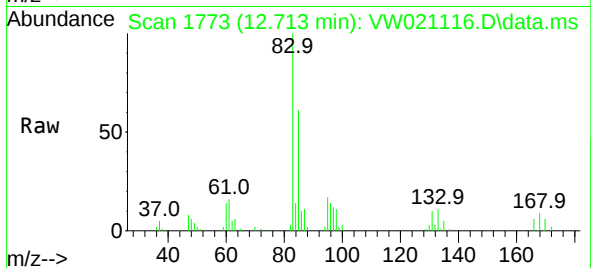
Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 25616
Ion Ratio	Lower Upper
83 100	
85 60.9	44.0 81.6
131 9.6	6.9 10.3



#59

Bromoform

Concen: 28.152 ug/L

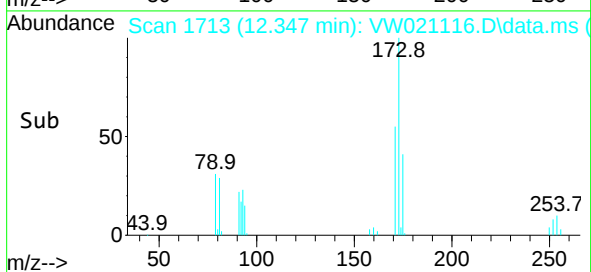
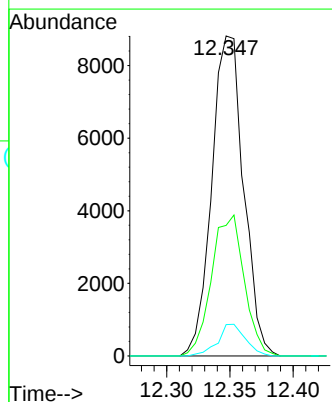
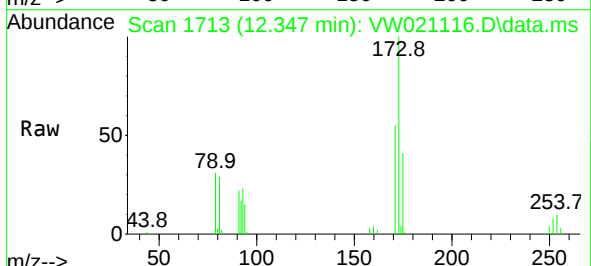
RT: 12.347 min Scan# 1713

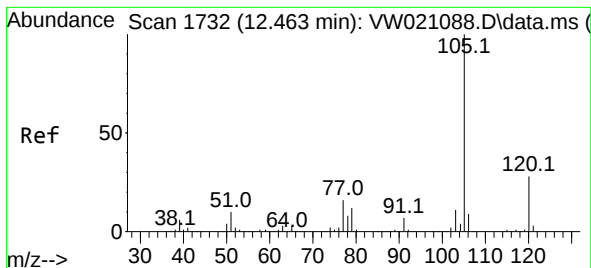
Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Tgt Ion: 173	Resp: 15435
Ion Ratio	Lower Upper
173 100	
175 45.2	39.6 59.4
254 8.6	7.4 11.0





#60

Isopropylbenzene

Concen: 26.146 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :

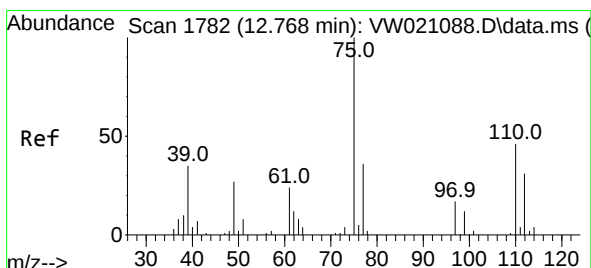
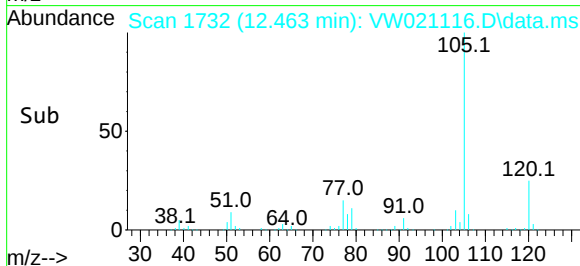
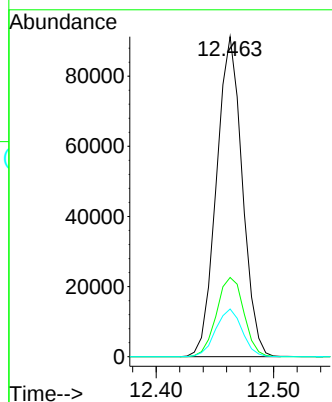
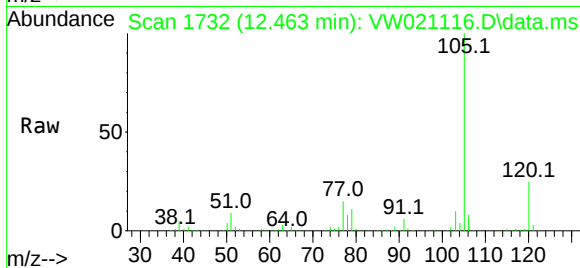
Tgt Ion:105 Resp: 139703

Ion Ratio Lower Upper

105 100

120 26.2 20.1 30.1

77 15.2 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 28.777 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

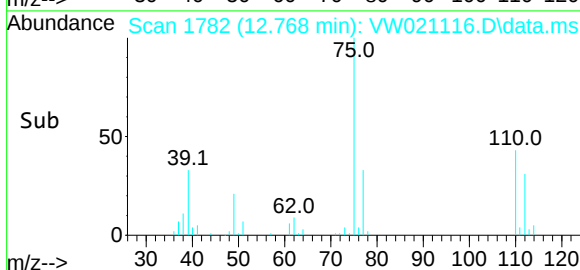
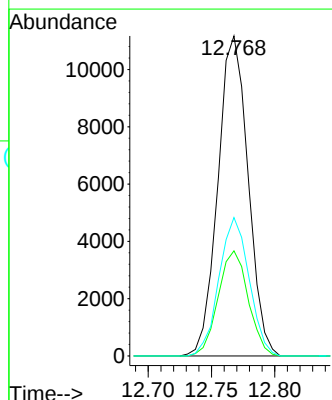
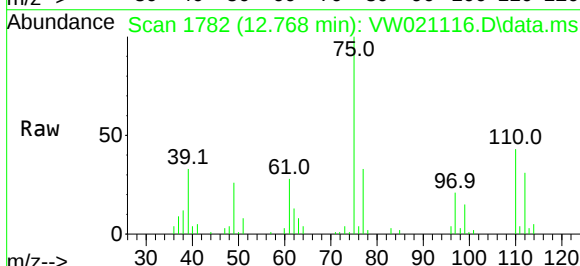
Tgt Ion: 75 Resp: 18533

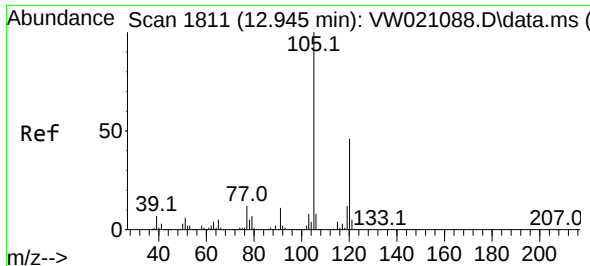
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

110 43.1 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 25.698 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

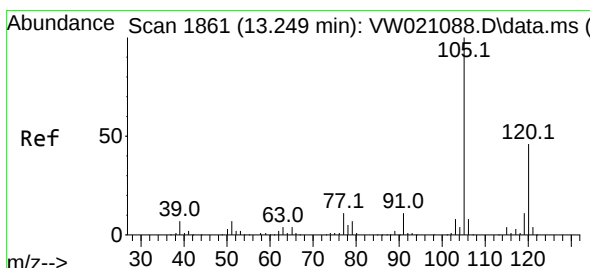
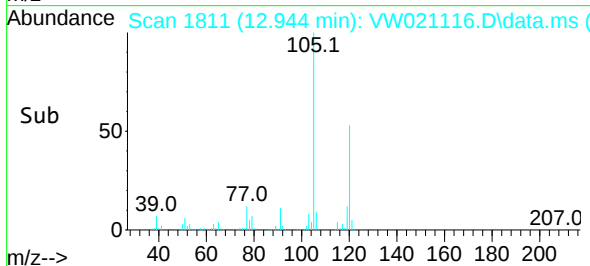
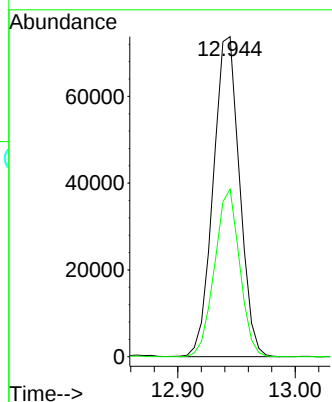
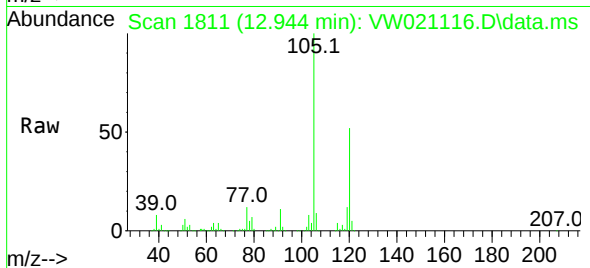
ClientSampleId :

Tgt Ion:105 Resp: 114985

Ion Ratio Lower Upper

105 100

120 49.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.558 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021116.D

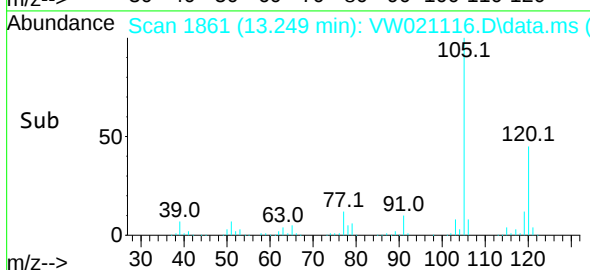
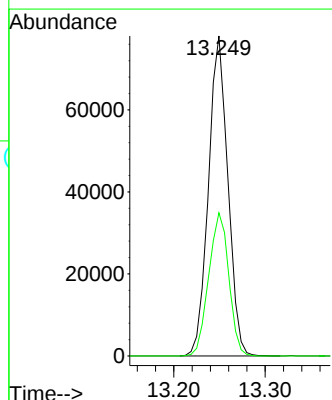
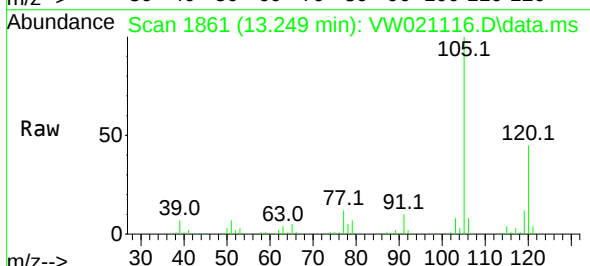
Acq: 04 Dec 2021 14:12

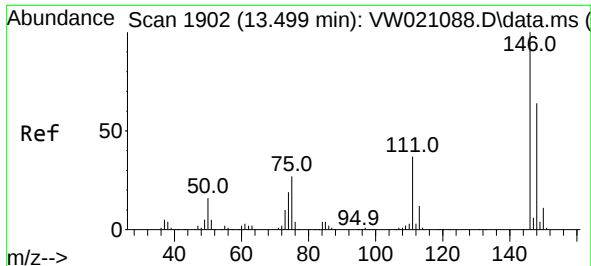
Tgt Ion:105 Resp: 115016

Ion Ratio Lower Upper

105 100

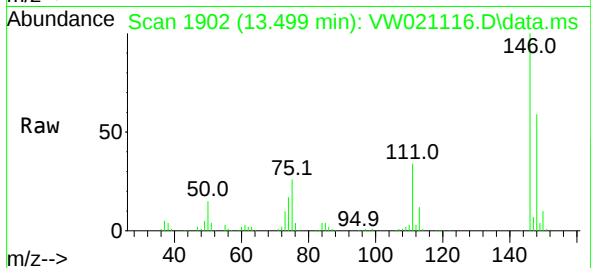
120 46.2 35.0 52.6



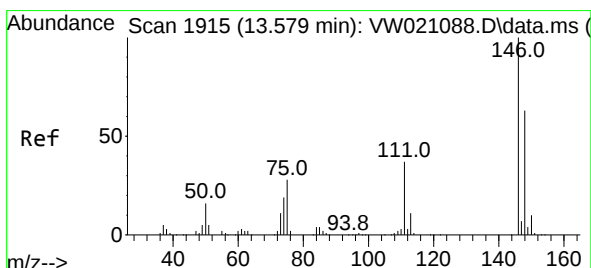
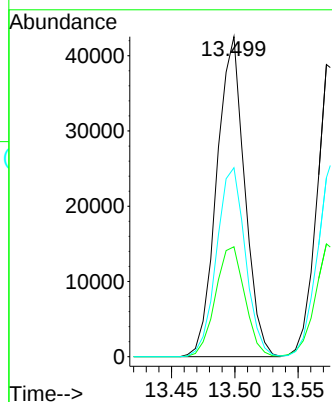
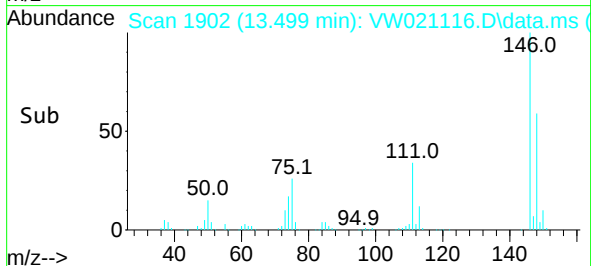


#64
1,3-Dichlorobenzene
Concen: 25.930 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

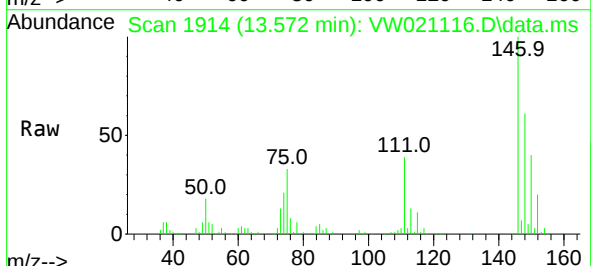
Instrument :
MSVOA_W
ClientSampleId :



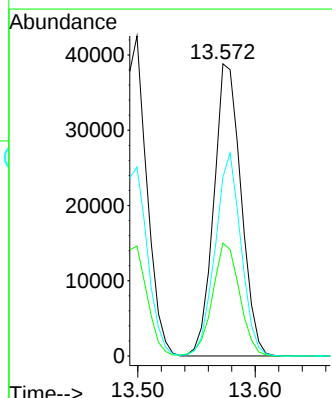
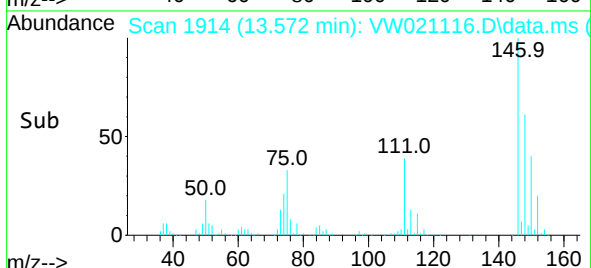
Tgt Ion:146 Resp: 65235
Ion Ratio Lower Upper
146 100
111 34.4 29.8 55.3
148 59.1 46.2 85.8

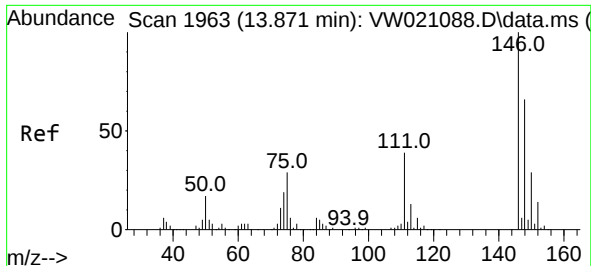


#65
1,4-Dichlorobenzene
Concen: 24.599 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12



Tgt Ion:146 Resp: 62548
Ion Ratio Lower Upper
146 100
111 38.6 29.0 53.9
148 61.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.909 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :

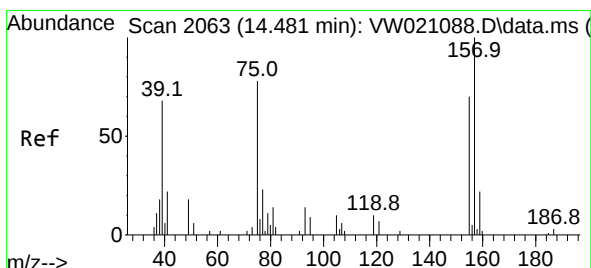
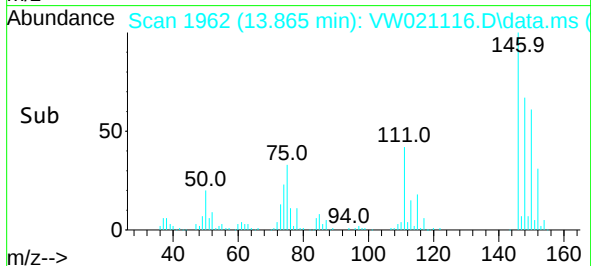
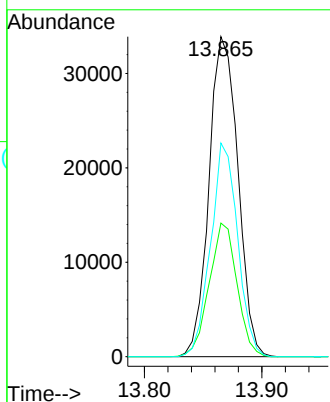
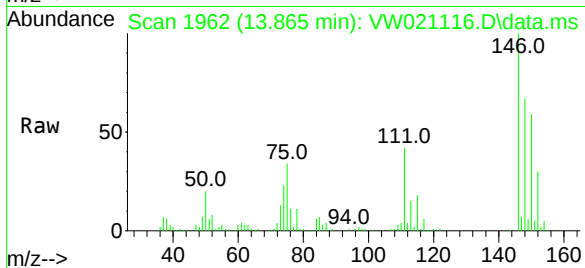
Tgt Ion:146 Resp: 58038

Ion Ratio Lower Upper

146 100

111 41.8 33.1 49.7

148 66.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.422 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

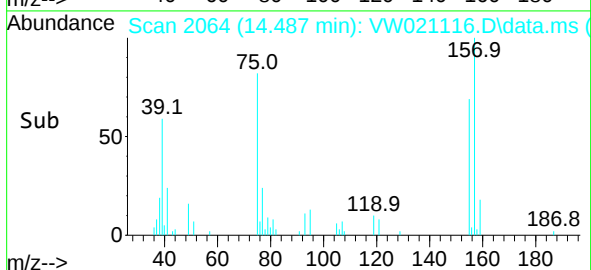
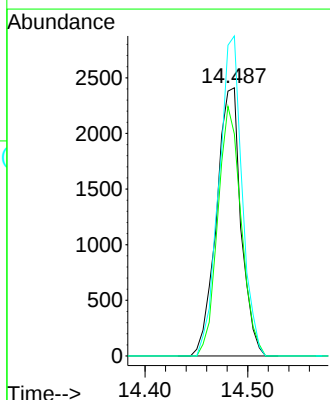
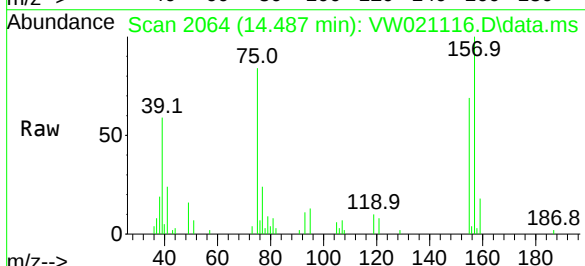
Tgt Ion: 75 Resp: 3988

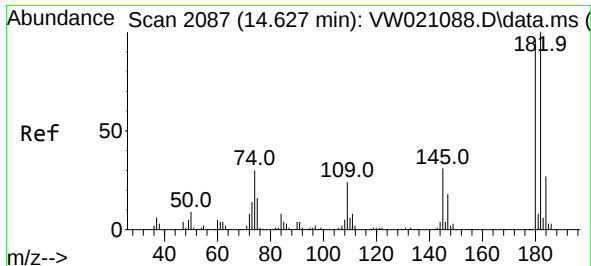
Ion Ratio Lower Upper

75 100

155 82.7 54.2 81.2#

157 119.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 24.492 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

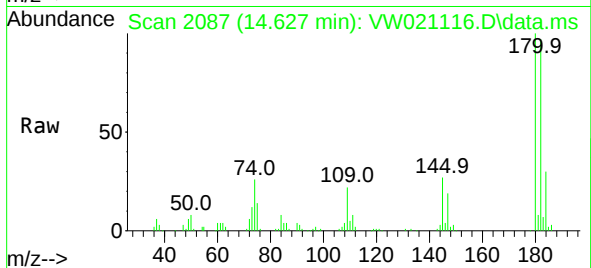
Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 45286

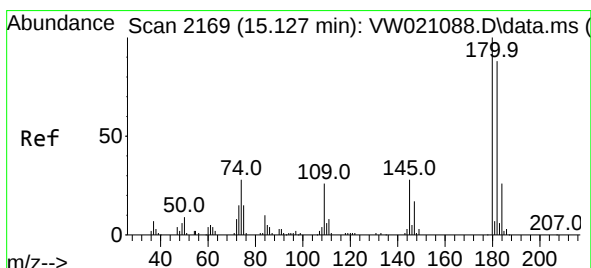
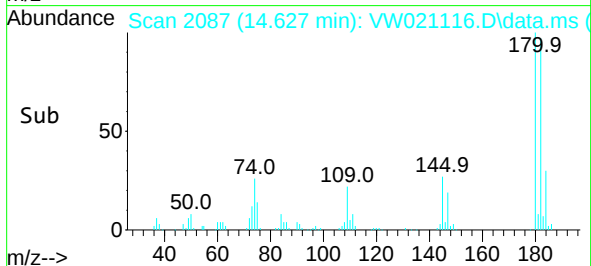
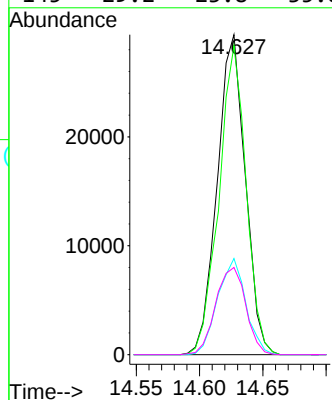
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

184 30.2 23.8 35.8

145 29.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.700 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021116.D

Acq: 04 Dec 2021 14:12

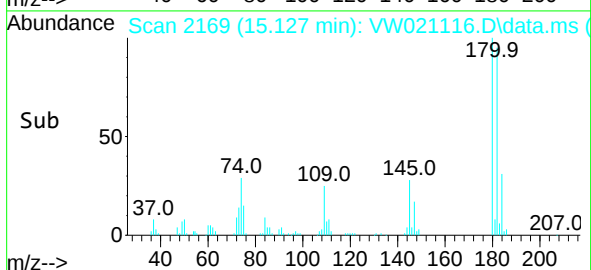
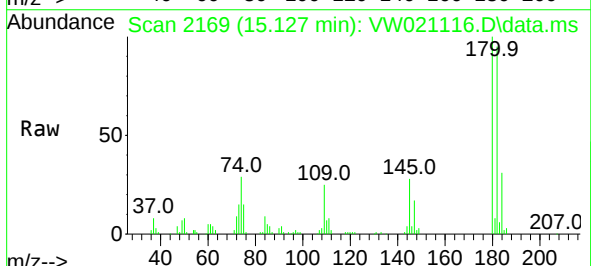
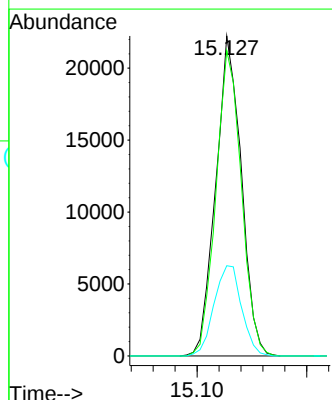
Tgt Ion:180 Resp: 36009

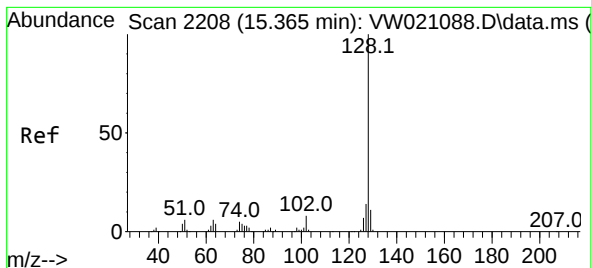
Ion Ratio Lower Upper

180 100

182 94.9 79.0 118.6

145 30.4 26.0 39.0

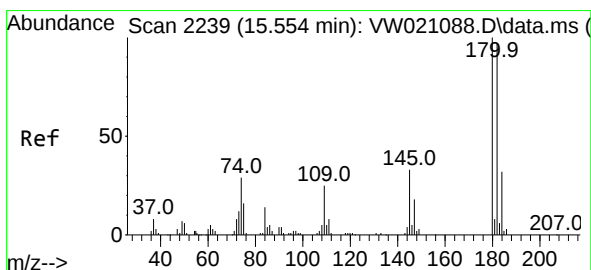
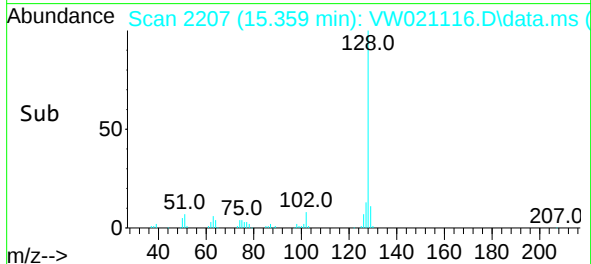
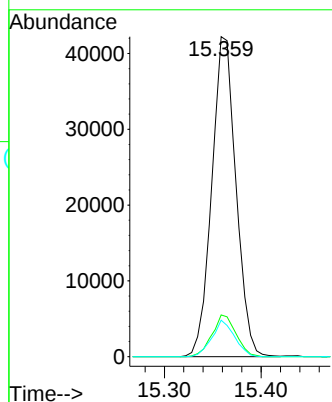
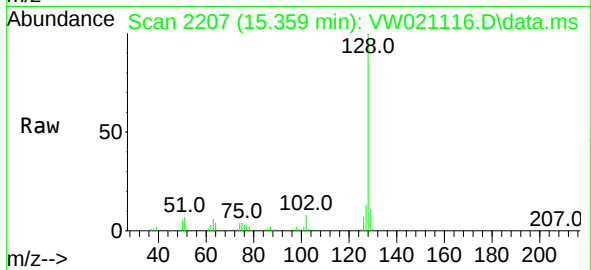




#71
Naphthalene
Concen: 25.961 ug/L
RT: 15.359 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 73327
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.175 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021116.D
Acq: 04 Dec 2021 14:12

Tgt Ion:180 Resp: 30730
Ion Ratio Lower Upper
180 100
182 100.8 76.6 114.8
145 32.2 27.4 41.0

