

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020984.D
 Acq On : 29 Nov 2021 16:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 00:58:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110169	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	99610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	55675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	26487	20.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.885	69	19990	24.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	4.019	63	57209	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.560%
21) 2-Butanone-d5	7.080	46	14798	46.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.780%
24) Chloroform-d	7.653	84	66876	24.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	8.305	65	34237	24.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.275	84	128094	24.399	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.274	67	35988	24.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.323	98	128303	24.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	16433	23.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.920	63	12213	49.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28972	25.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	46854	23.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	10679	33.493	ug/L	93
3) Chloromethane	2.215	50	19169	19.775	ug/L	99
5) Vinyl chloride	2.361	62	38294	22.840	ug/L	98
6) Bromomethane	2.782	94	22377	24.069	ug/L	94
8) Chloroethane	2.922	64	16652	23.624	ug/L	96
9) Trichlorofluoromethane	3.257	101	25676	26.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35396	23.841	ug/L	92
12) 1,1-Dichloroethene	4.044	96	32120	23.269	ug/L	78
13) Acetone	4.123	43	11801	41.439	ug/L	92
14) Carbon disulfide	4.385	76	74401	19.929	ug/L	98
15) Methyl Acetate	4.672	43	12174	23.838	ug/L	92
16) Methylene chloride	4.922	84	35409	23.045	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	33668	22.631	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	51544	23.082	ug/L #	84
19) 1,1-Dichloroethane	6.214	63	56462	22.905	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	36732	22.909	ug/L	74
22) 2-Butanone	7.171	43	16559	42.797	ug/L	90
23) Bromochloromethane	7.513	128	17269	23.559	ug/L #	64
25) Chloroform	7.677	83	63656	23.626	ug/L	98

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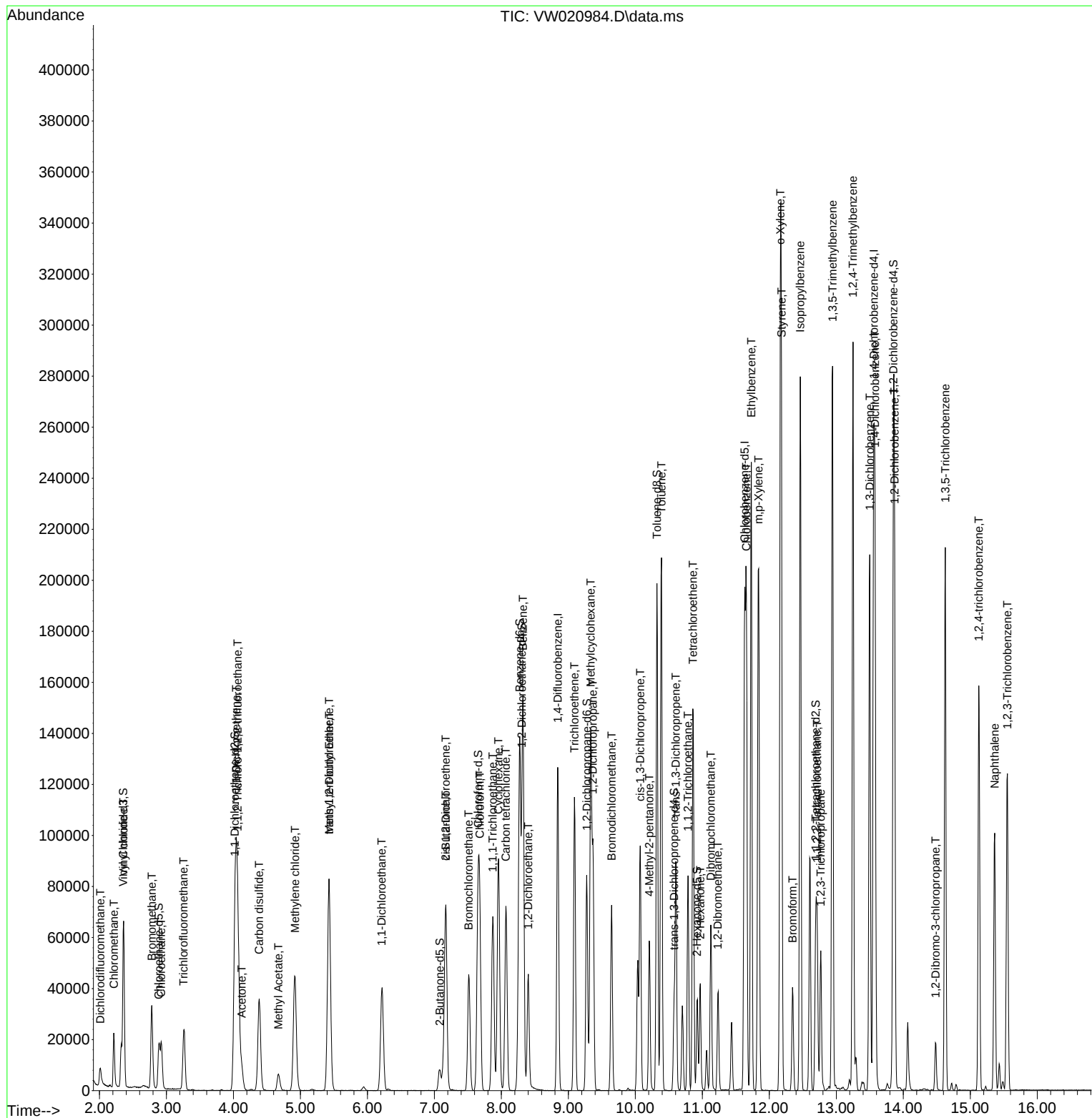
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38656	23.694	ug/L	97
29) Cyclohexane	7.958	56	47198	21.254	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	55297	23.085	ug/L	94
31) Carbon tetrachloride	8.067	117	52575	23.190	ug/L	97
33) Benzene	8.323	78	131319	23.284	ug/L	100
34) Trichloroethene	9.091	95	36716	23.275	ug/L	90
35) Methylcyclohexane	9.335	83	59315	22.806	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	30654	23.354	ug/L #	96
38) Bromodichloromethane	9.646	83	44842	23.806	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	51926	23.960	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36413	46.609	ug/L #	94
42) Toluene	10.390	91	152943	24.109	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45630	23.957	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	25312	24.795	ug/L	92
46) Tetrachloroethene	10.859	164	33832	23.358	ug/L	93
48) 2-Hexanone	10.969	43	25843	47.755	ug/L #	95
49) Dibromochloromethane	11.128	129	32847	23.339	ug/L	95
50) 1,2-Dibromoethane	11.231	107	24752	24.184	ug/L #	97
51) Chlorobenzene	11.658	112	101730	24.111	ug/L	91
52) Ethylbenzene	11.731	91	167094	23.770	ug/L	96
53) m,p-Xylene	11.841	106	68917	24.013	ug/L	88
54) o-Xylene	12.164	106	63379	22.994	ug/L	96
55) Styrene	12.182	104	110647	24.176	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	28270	24.985	ug/L #	94
59) Bromoform	12.347	173	17395	20.954	ug/L	94
60) Isopropylbenzene	12.463	105	181371	23.918	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20071	24.577	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	156636	24.486	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	153104	24.258	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	88106	24.782	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	86225	24.043	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	74407	23.751	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4221	21.620	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	67084	23.823	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	50889	22.090	ug/L	99
71) Naphthalene	15.365	128	87635	23.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44224	22.749	ug/L	97

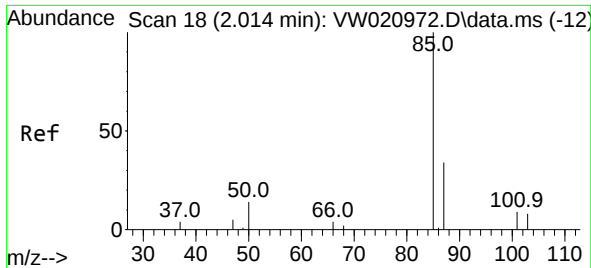
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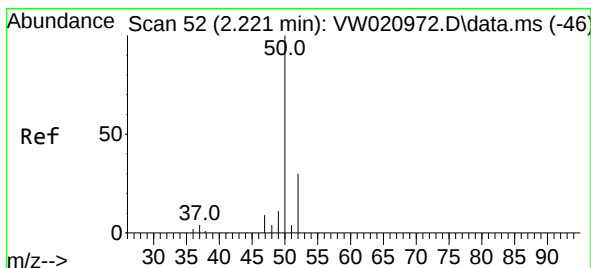
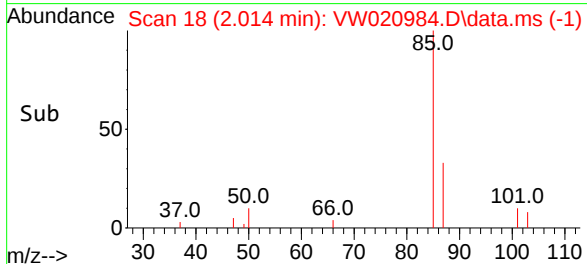
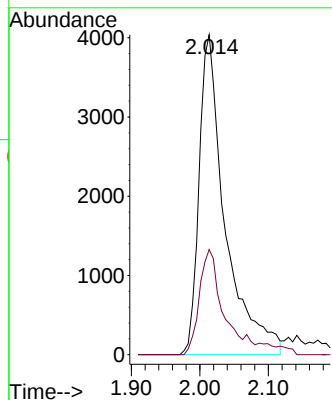
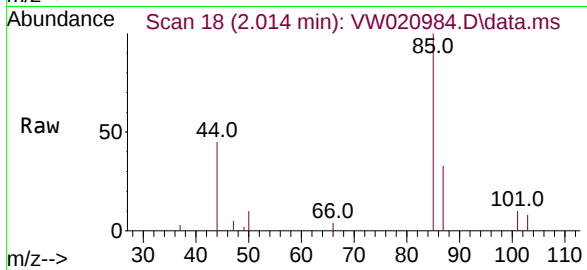




#2
 Dichlorodifluoromethane
 Concen: 33.493 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

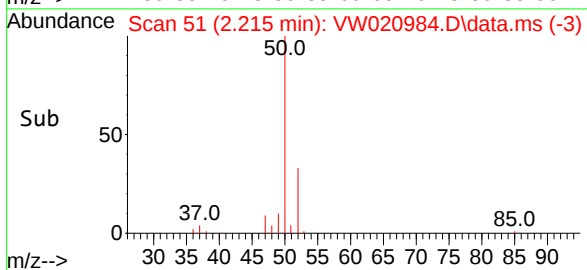
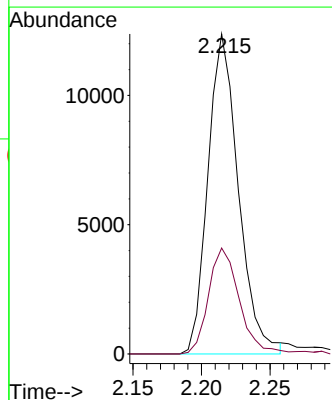
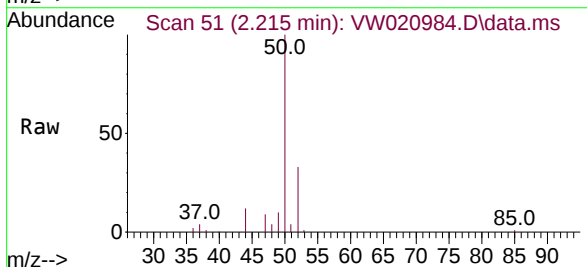
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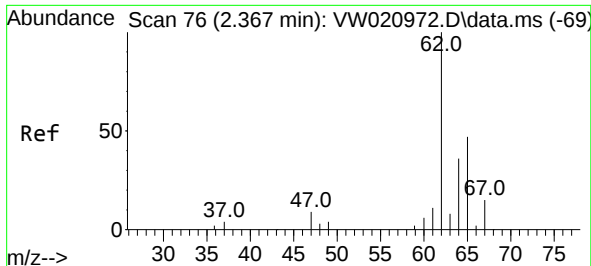
Tgt Ion: 85 Resp: 10679
 Ion Ratio Lower Upper
 85 100
 87 28.4 25.8 38.6



#3
 Chloromethane
 Concen: 19.775 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

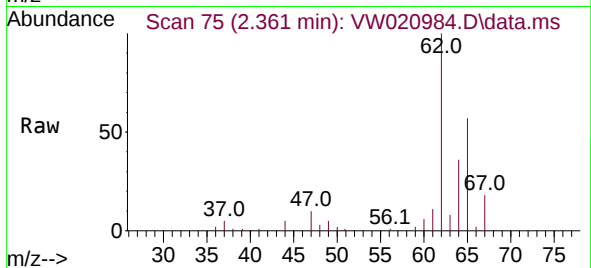
Tgt Ion: 50 Resp: 19169
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6



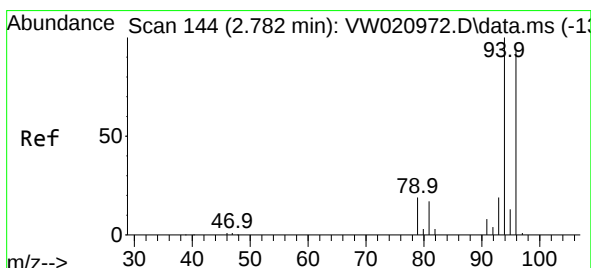
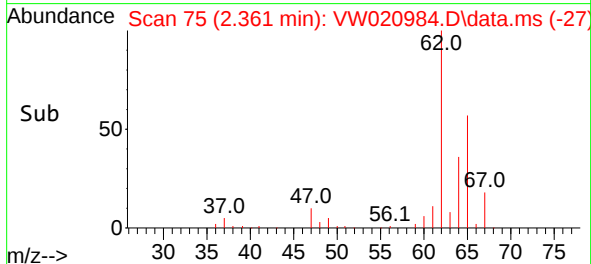
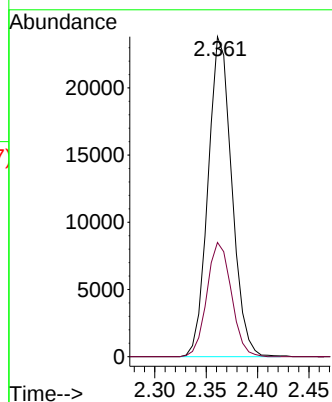


#5
 Vinyl chloride
 Concen: 22.840 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

Instrument :
 MSVOA_W
 ClientSampleId :

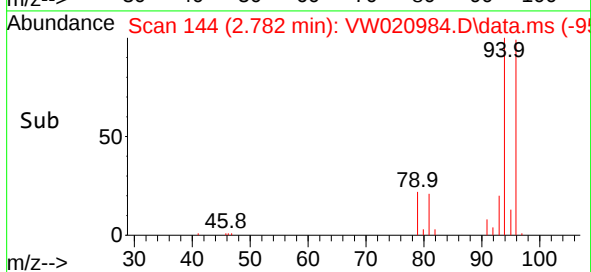
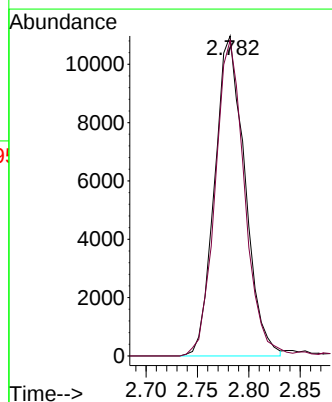
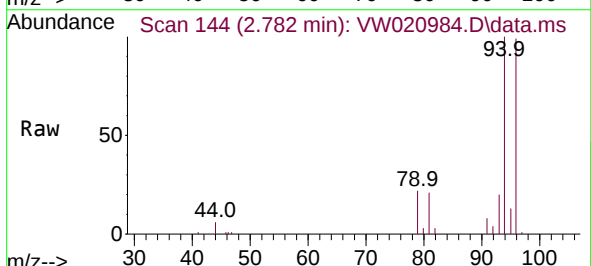


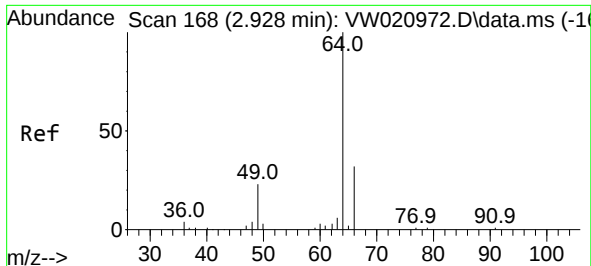
Tgt Ion: 62 Resp: 38294
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 24.069 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

Tgt Ion: 94 Resp: 22377
 Ion Ratio Lower Upper
 94 100
 96 98.6 64.8 120.4

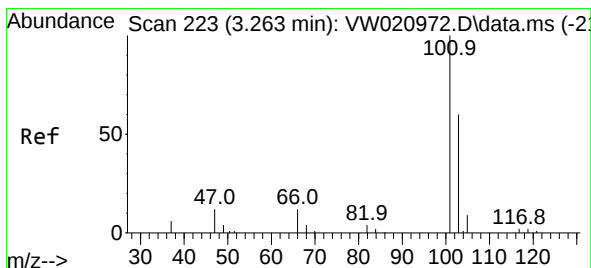
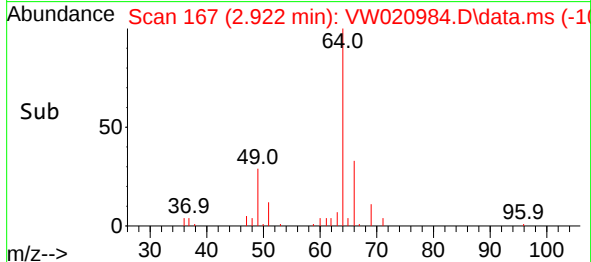
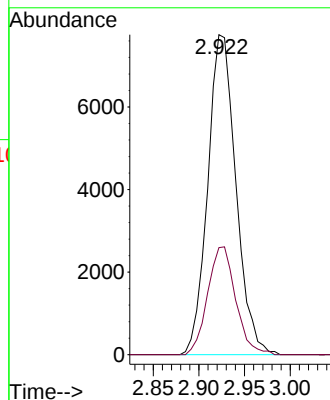
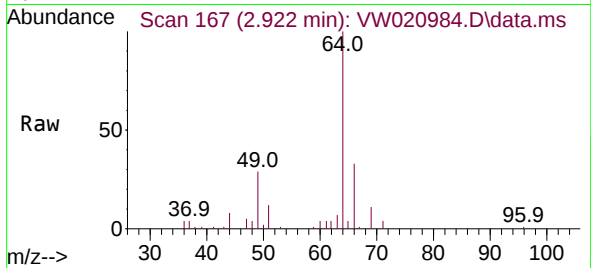




#8
Chloroethane
Concen: 23.624 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

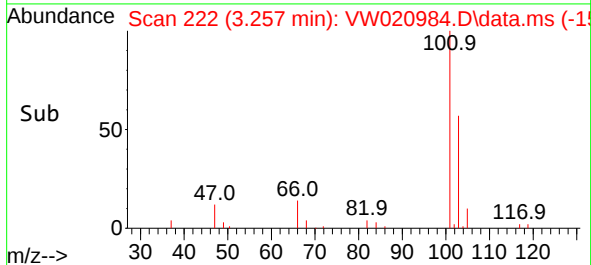
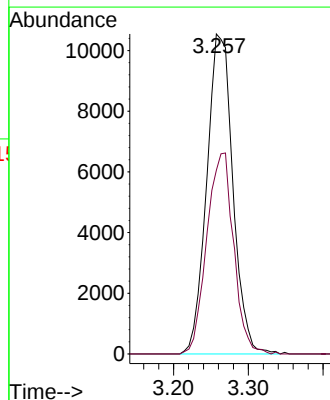
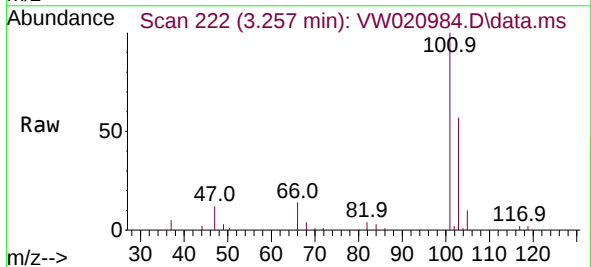
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MSVOA_W
ClientSampleId :

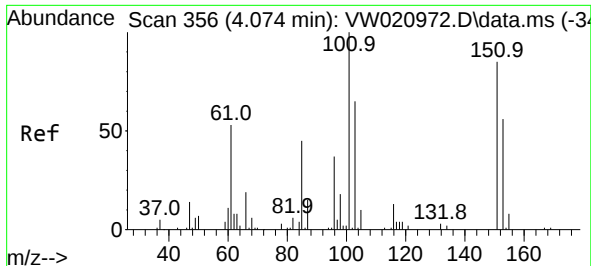
Tgt Ion: 64 Resp: 16652
Ion Ratio Lower Upper
64 100
66 33.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.290 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion:101 Resp: 25676
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

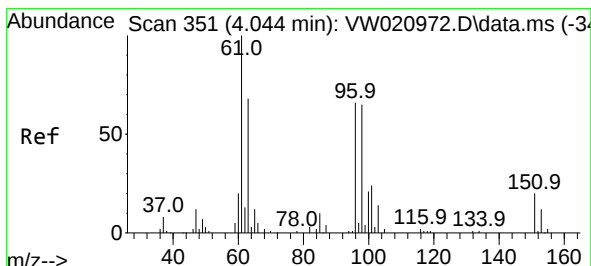
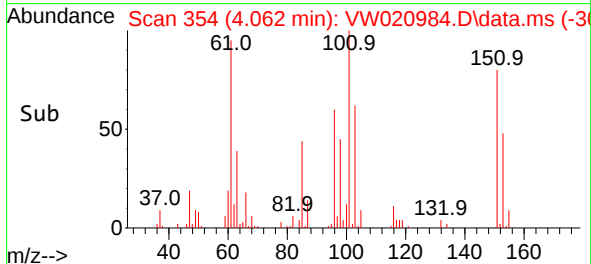
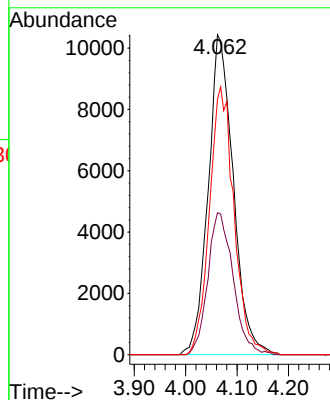
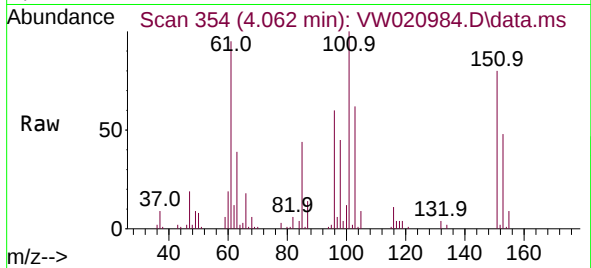




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.841 ug/L
 RT: 4.062 min Scan# 356
 Delta R.T. -0.012 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

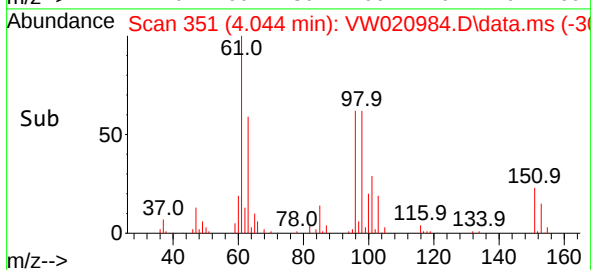
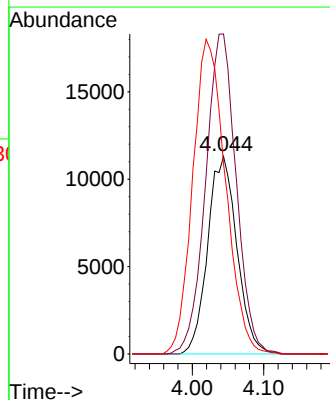
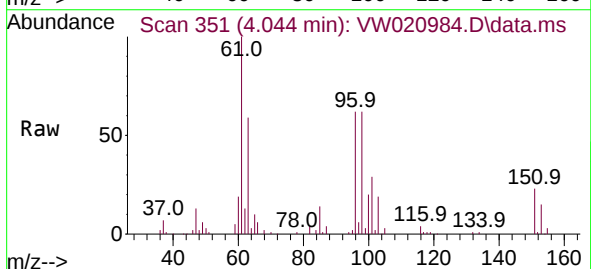
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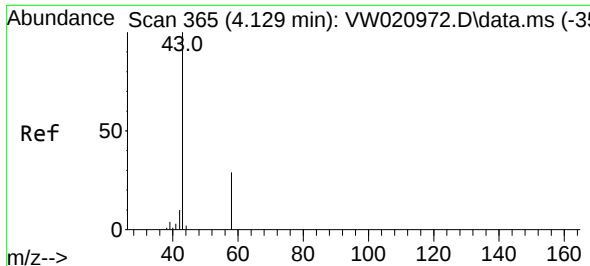
Tgt Ion:101 Resp: 35396
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 54.8
 151 81.9 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.269 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW020984.D
 Acq: 29 Nov 2021 16:04

Tgt Ion: 96 Resp: 32120
 Ion Ratio Lower Upper
 96 100
 61 161.9 138.3 256.9
 63 96.0 82.6 153.4

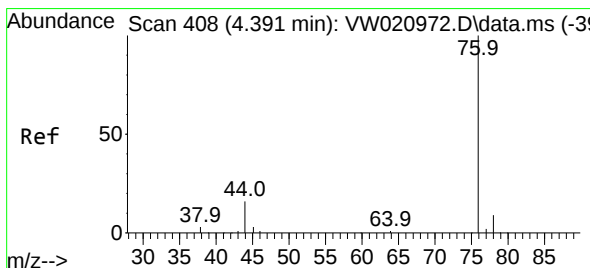
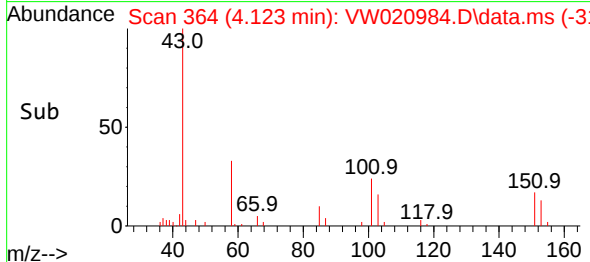
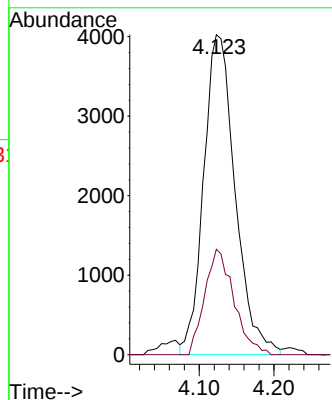
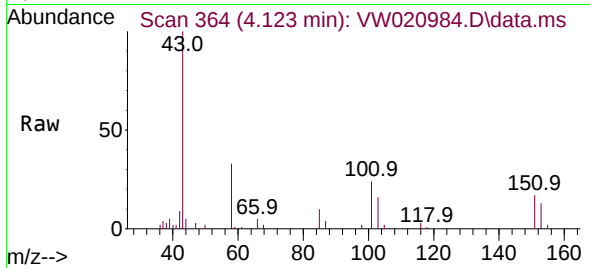




#13
Acetone
Concen: 41.439 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

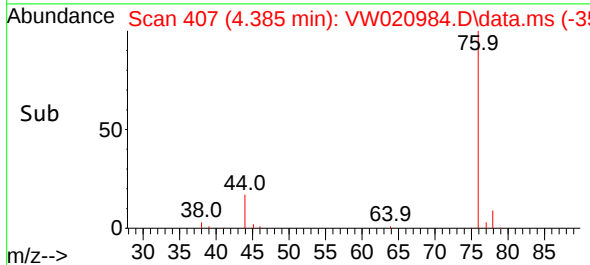
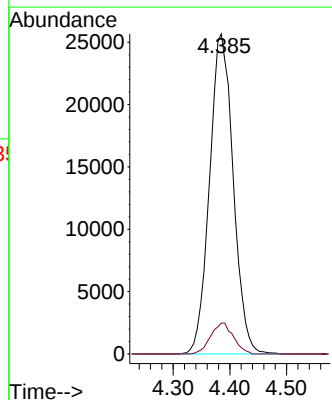
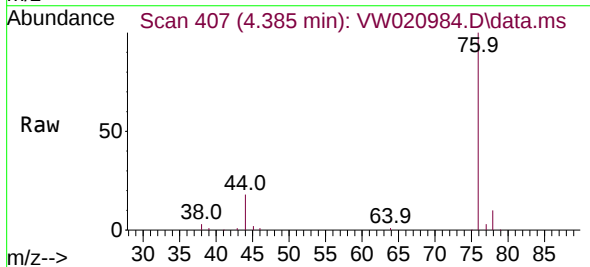
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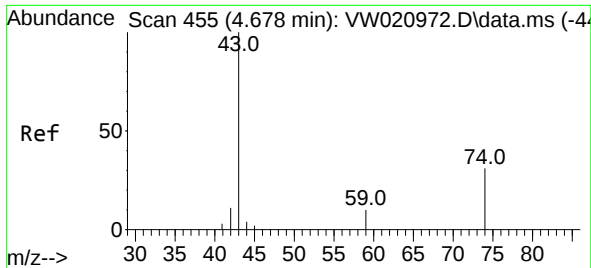
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Ion Ratio Lower Upper
43 100
58 30.5 0.0 52.8



#14
Carbon disulfide
Concen: 19.929 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 74401
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

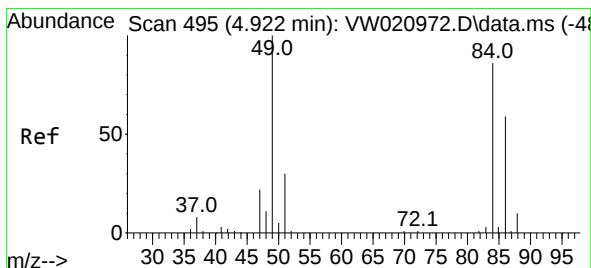
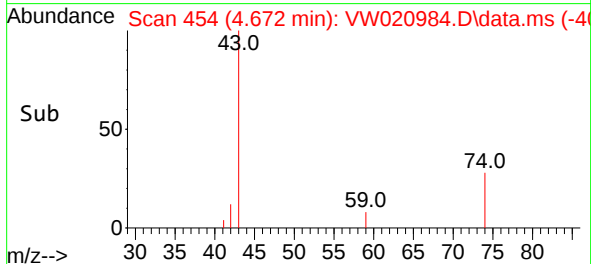
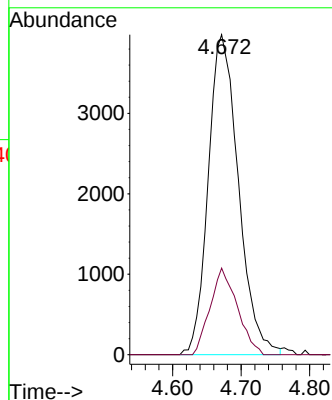
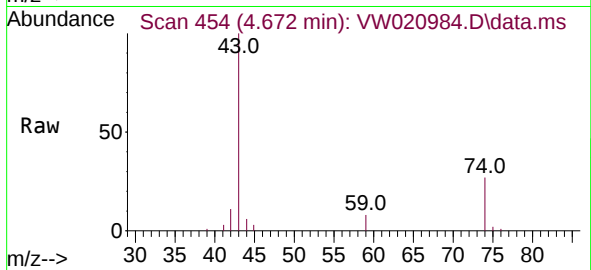




#15
Methyl Acetate
Concen: 23.838 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

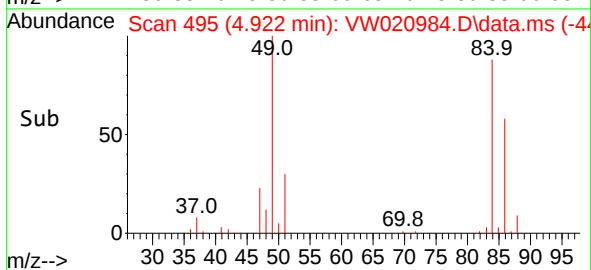
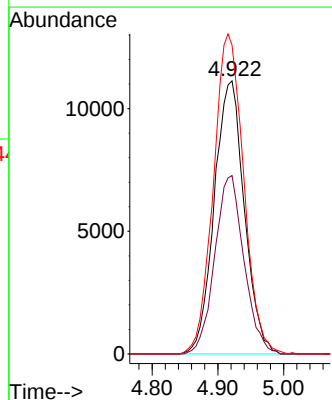
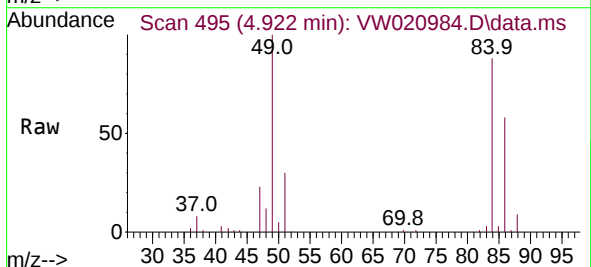
Instrument :
MSVOA_W
ClientSampleId :

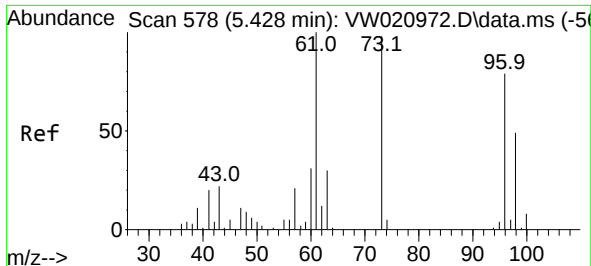
Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
74 24.3 16.4 24.6



#16
Methylene chloride
Concen: 23.045 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 84 Resp: 35409
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 113.1 100.5 186.7

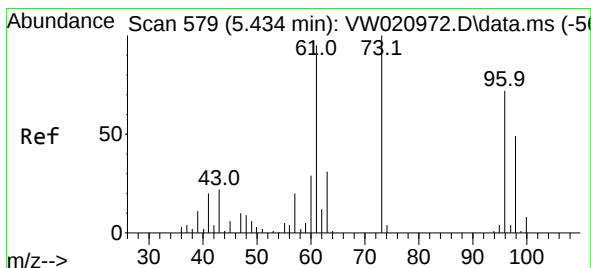
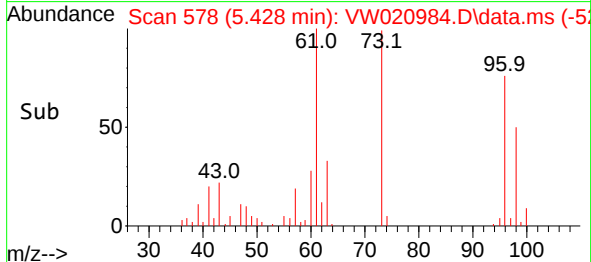
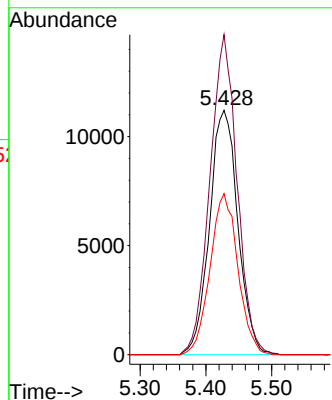
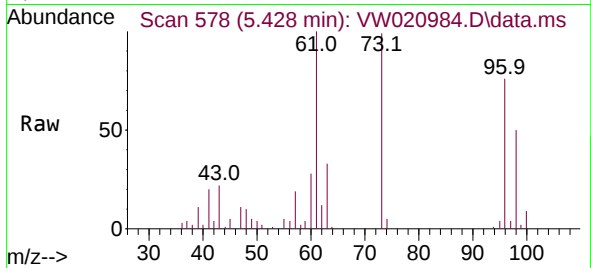




#17
trans-1,2-Dichloroethene
Concen: 22.631 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

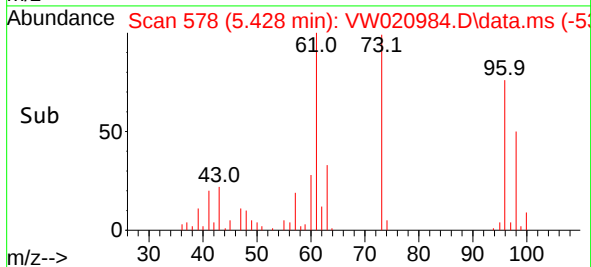
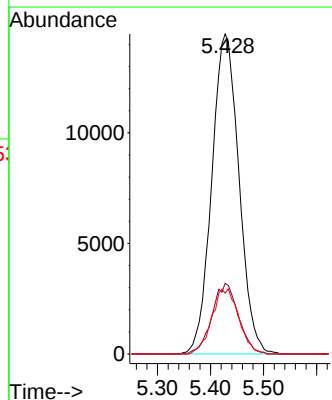
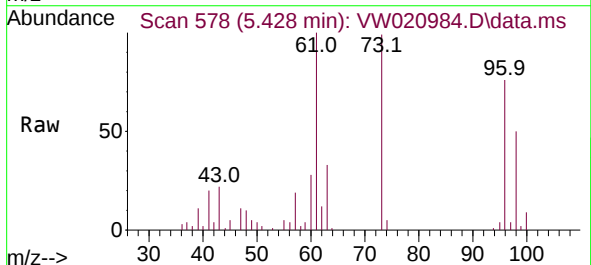
Instrument :
MSVOA_W
ClientSampleId :

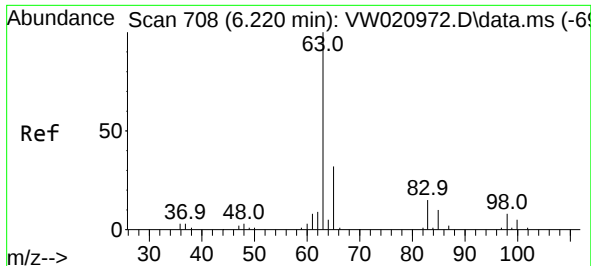
Tgt Ion: 96 Resp: 33668
Ion Ratio Lower Upper
96 100
61 131.0 107.4 199.4
98 65.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.082 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 73 Resp: 51544
Ion Ratio Lower Upper
73 100
43 21.4 19.5 29.3
57 10.9 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 22.905 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW020984.D

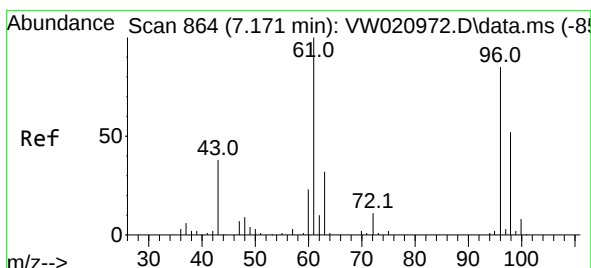
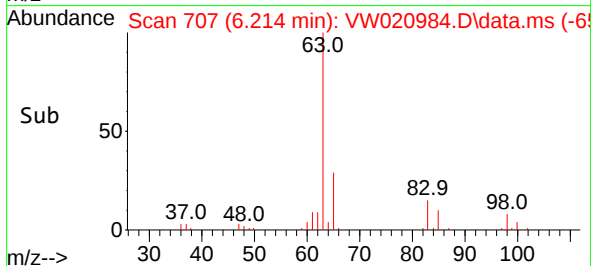
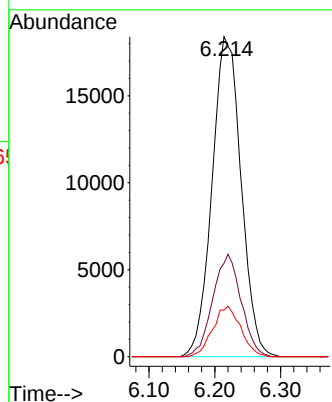
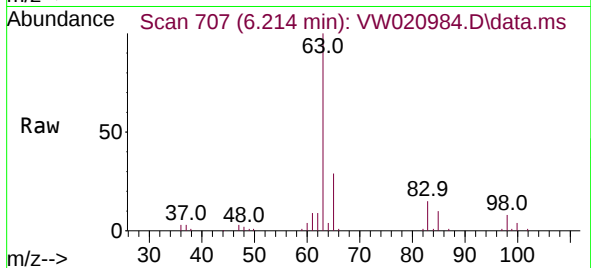
Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	56462
Ion	Ratio	Lower	Upper
63	100		
65	29.2	22.1	41.1
83	14.6	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 22.909 ug/L

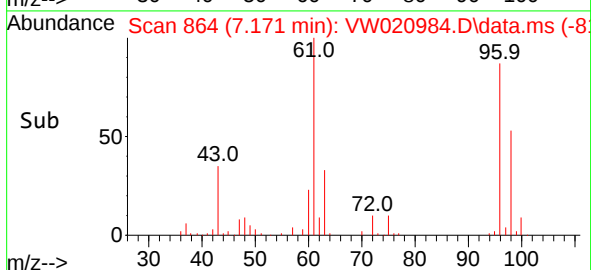
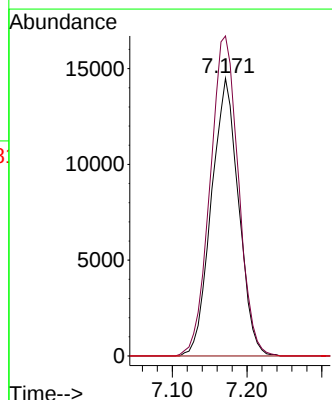
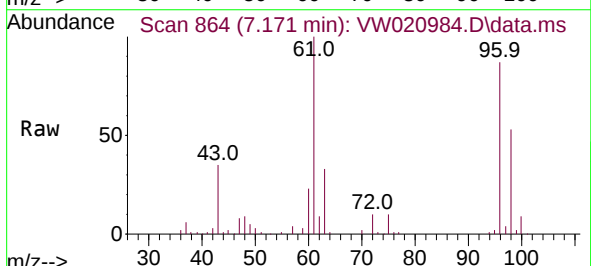
RT: 7.171 min Scan# 864

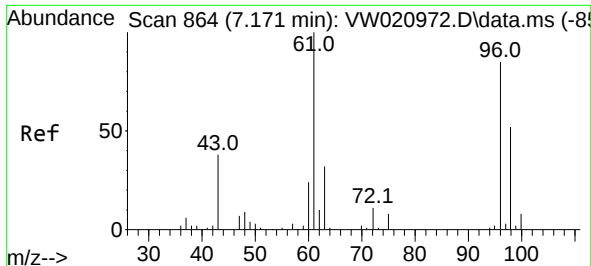
Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Tgt Ion:	96	Resp:	36732
Ion	Ratio	Lower	Upper
96	100		
61	115.3	103.7	192.7
68	0.0	0.0	0.0

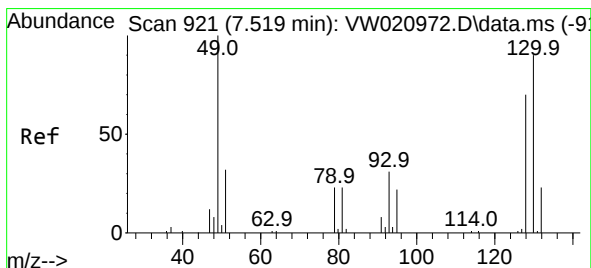
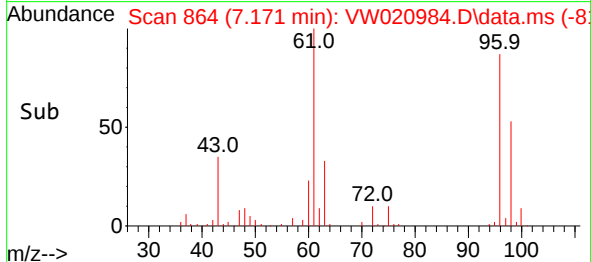
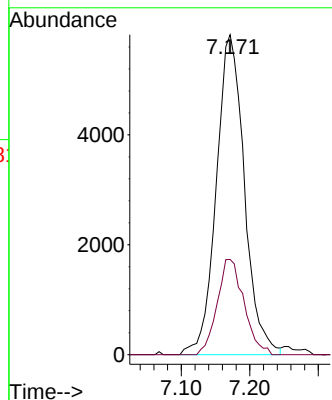
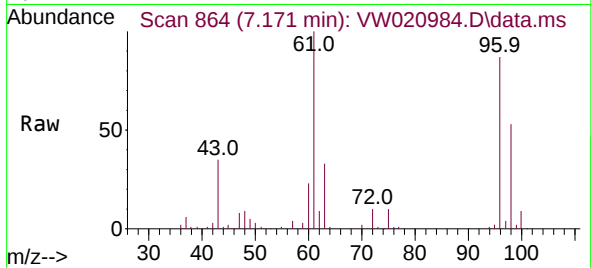




#22
2-Butanone
Concen: 42.797 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

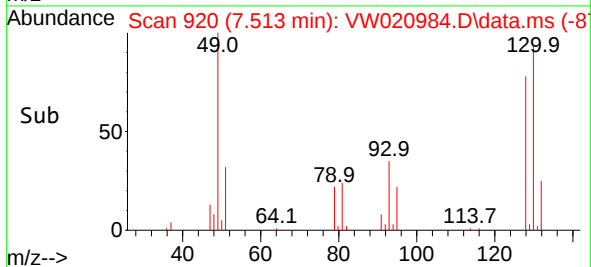
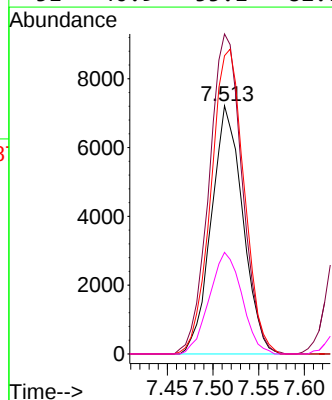
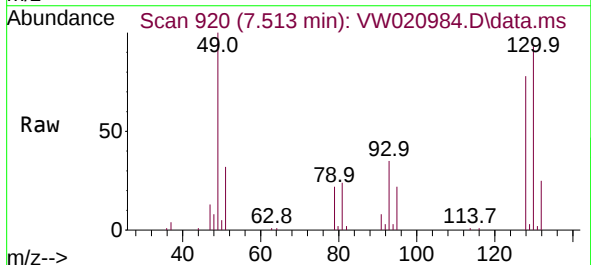
Instrument :
MSVOA_W
ClientSampleId :

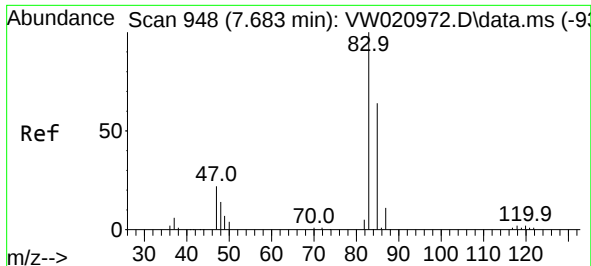
Tgt Ion: 43 Resp: 16559
Ion Ratio Lower Upper
43 100
72 28.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.559 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 128 Resp: 17269
Ion Ratio Lower Upper
128 100
49 128.9 150.3 279.1#
130 120.2 88.3 163.9
51 40.9 55.1 82.7#

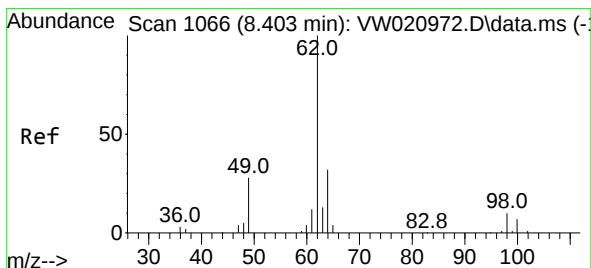
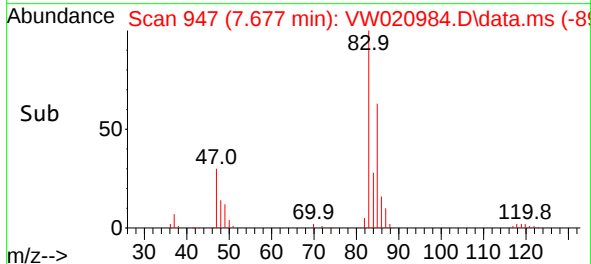
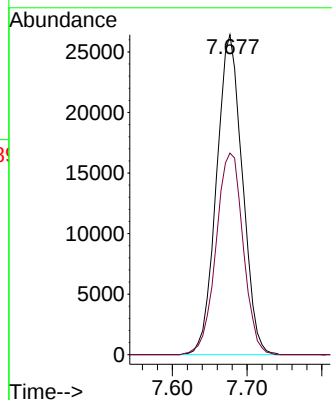
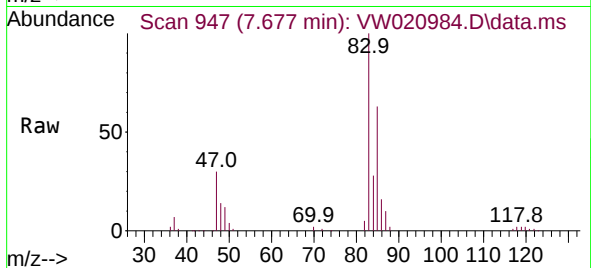




#25
Chloroform
Concen: 23.626 ug/L
RT: 7.677 min Scan# 948
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

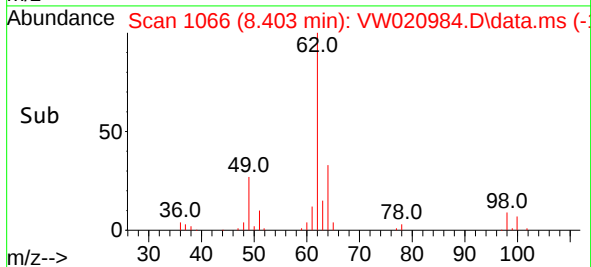
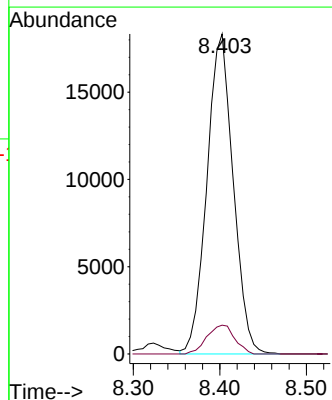
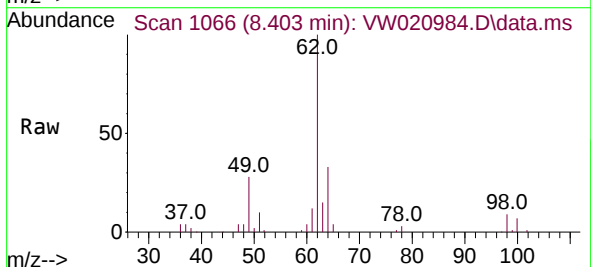
Instrument :
MSVOA_W
ClientSampleId :

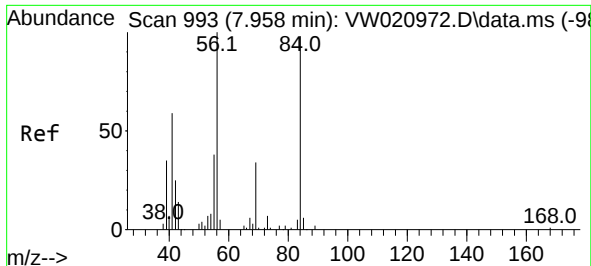
Tgt Ion: 83 Resp: 63656
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.694 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 62 Resp: 38656
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7





#29

Cyclohexane

Concen: 21.254 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

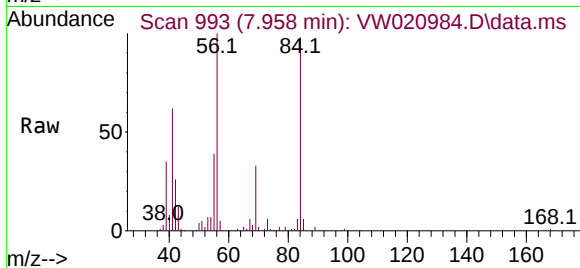
Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :



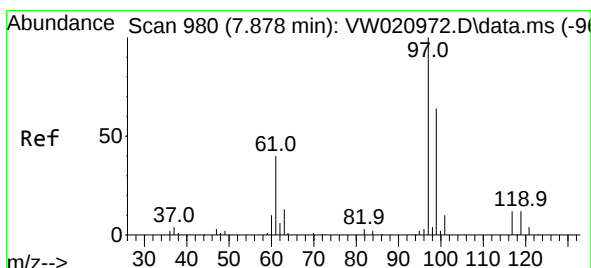
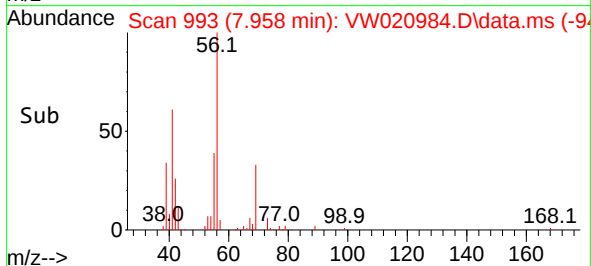
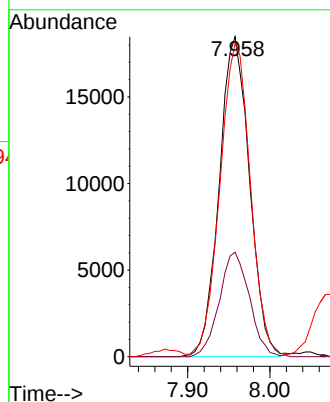
Tgt Ion: 56 Resp: 47198

Ion Ratio Lower Upper

56 100

69 32.6 23.5 35.3

84 98.8 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.085 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

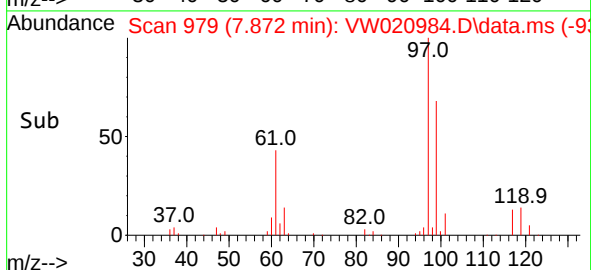
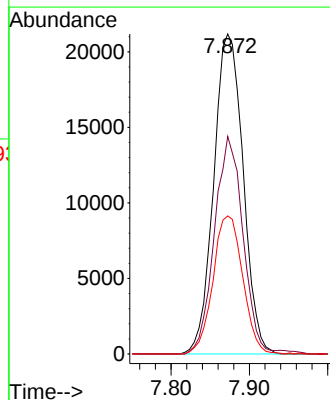
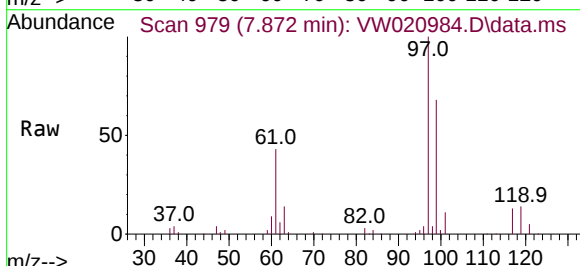
Tgt Ion: 97 Resp: 55297

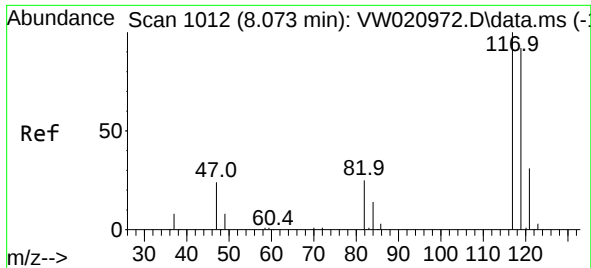
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 43.6 40.9 61.3

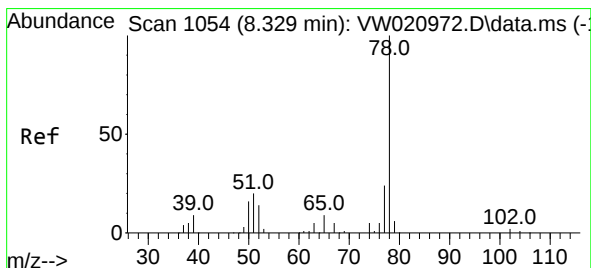
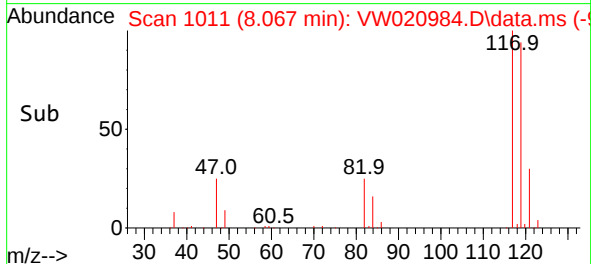
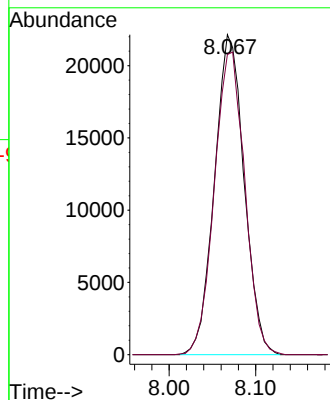
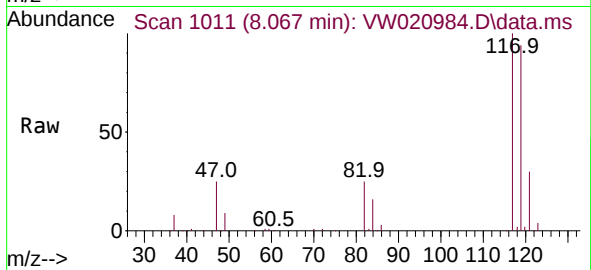




#31
Carbon tetrachloride
Concen: 23.190 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

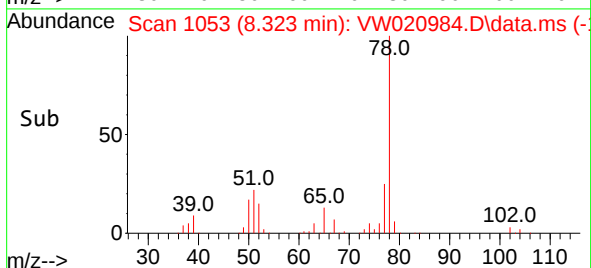
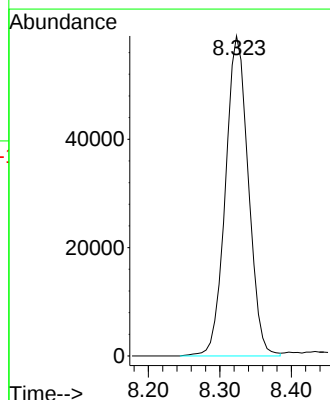
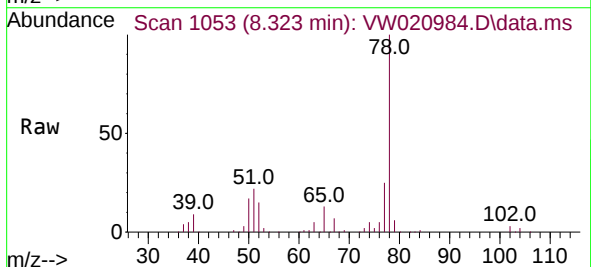
Instrument :
MSVOA_W
ClientSampleId :

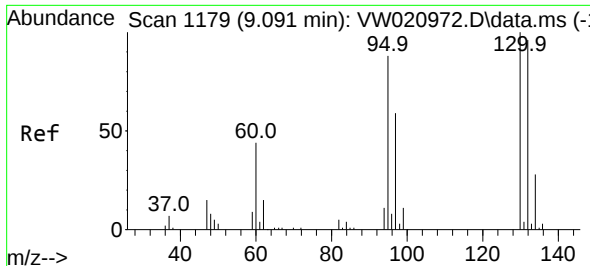
Tgt Ion:117 Resp: 52575
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5



#33
Benzene
Concen: 23.284 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

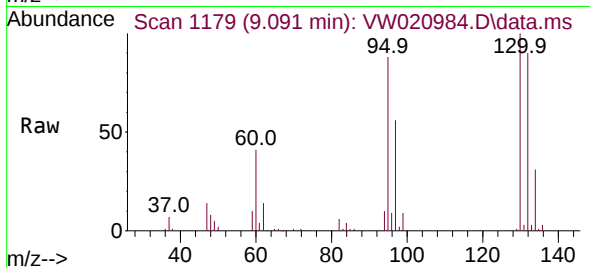
Tgt Ion: 78 Resp: 131319



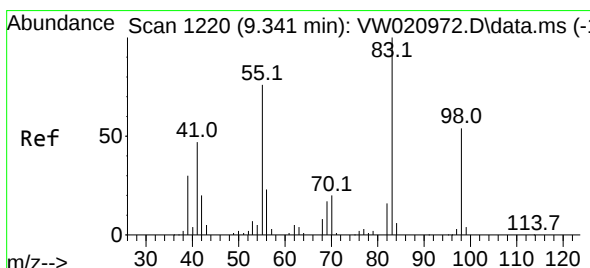
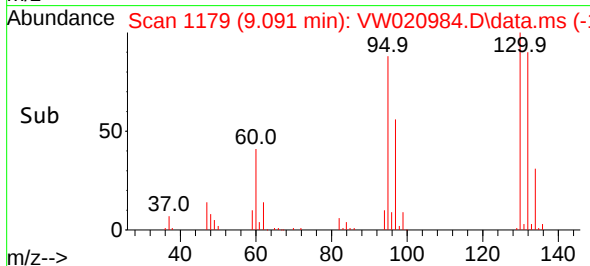
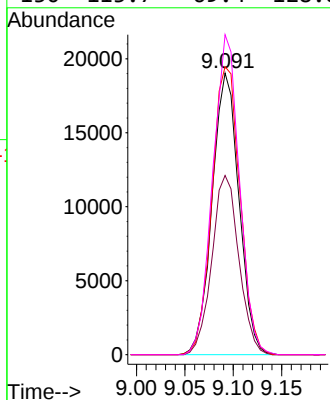


#34
Trichloroethene
Concen: 23.275 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Instrument :
MSVOA_W
ClientSampleId :

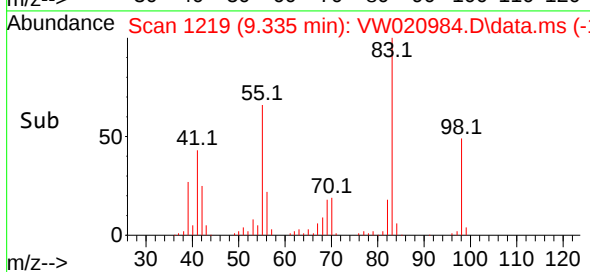
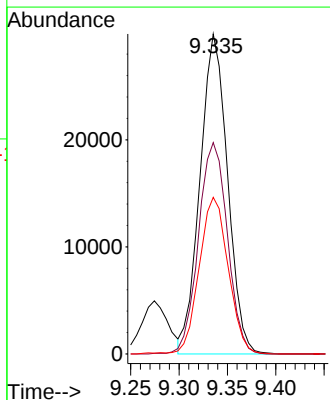
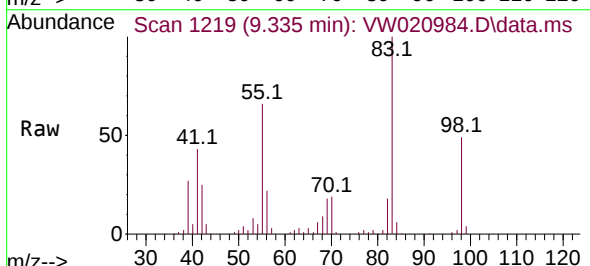


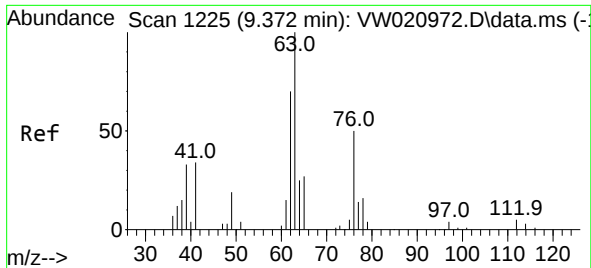
Tgt Ion:	95	Resp:	36716
Ion Ratio	100	Lower	Upper
95	100		
97	63.6	47.0	87.2
132	102.3	65.5	121.6
130	113.7	69.4	128.8



#35
Methylcyclohexane
Concen: 22.806 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion:	83	Resp:	59315
Ion Ratio	100	Lower	Upper
83	100		
55	69.3	70.8	106.2
98	51.3	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.354 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

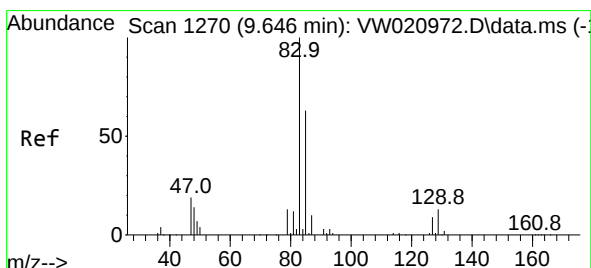
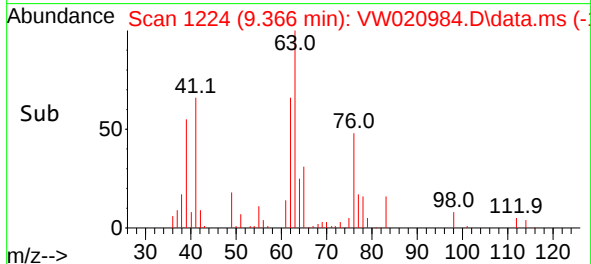
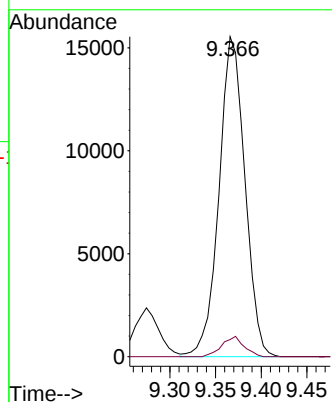
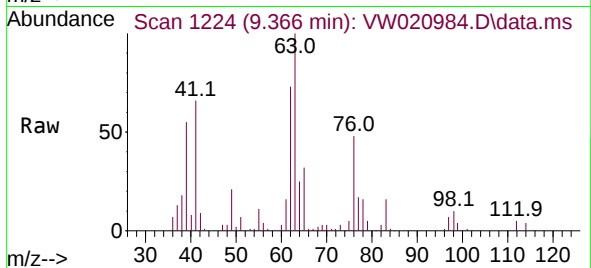
ClientSampleId :

Tgt Ion: 63 Resp: 30654

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.806 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

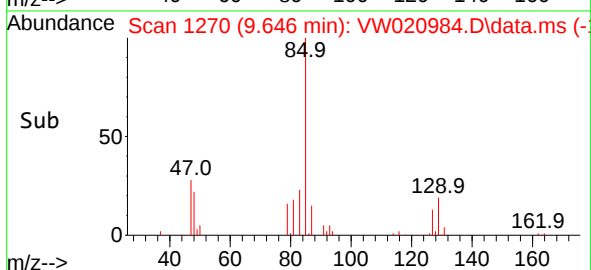
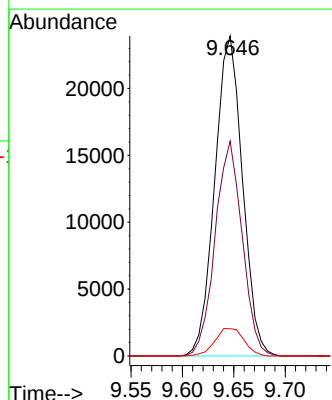
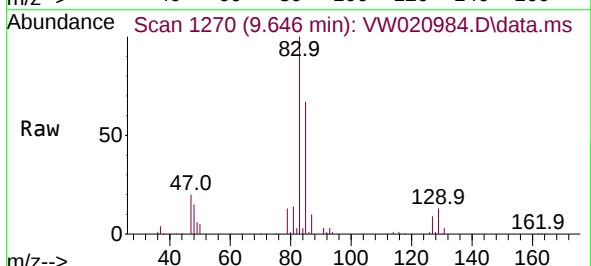
Tgt Ion: 83 Resp: 44842

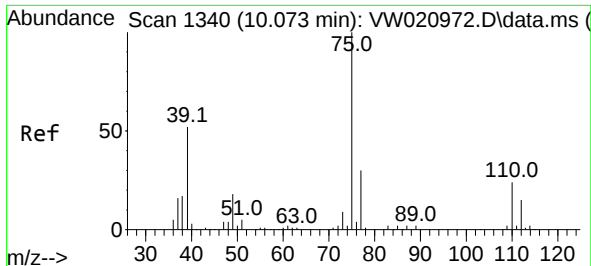
Ion Ratio Lower Upper

83 100

85 67.1 44.1 81.9

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.960 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

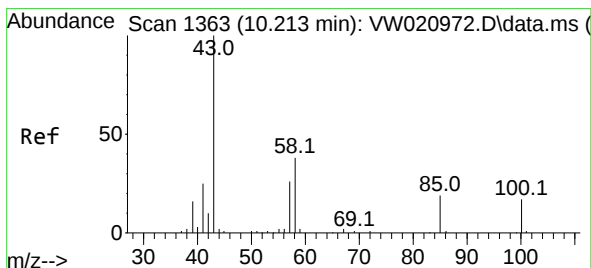
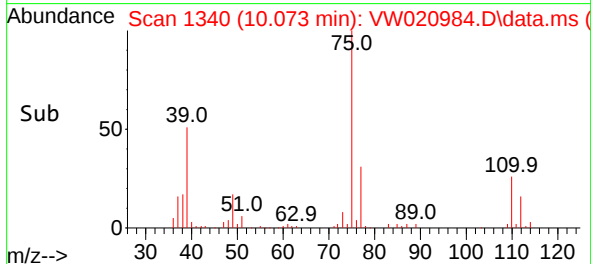
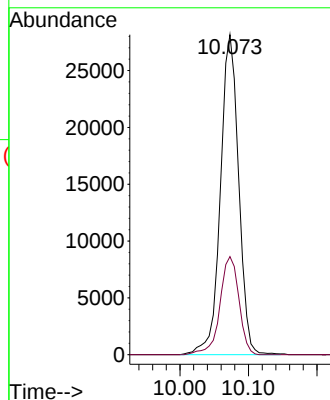
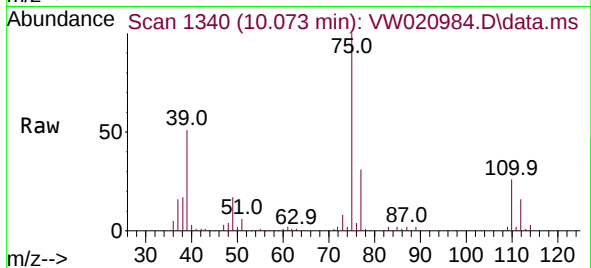
ClientSampleId :

Tgt Ion: 75 Resp: 51926

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.609 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

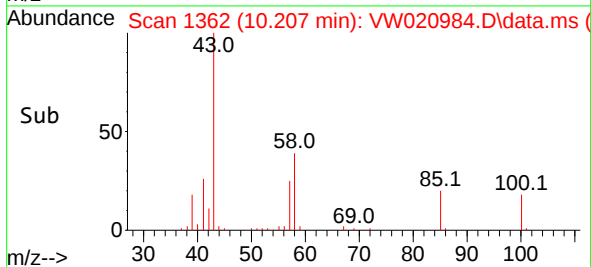
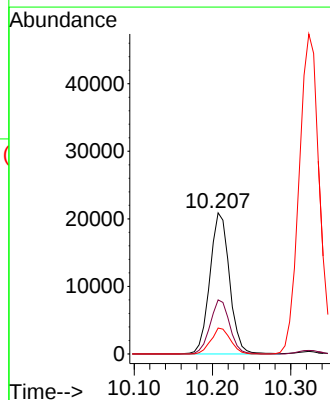
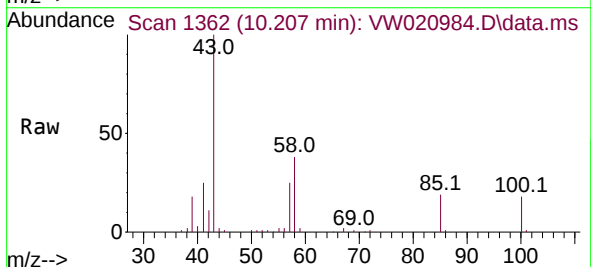
Tgt Ion: 43 Resp: 36413

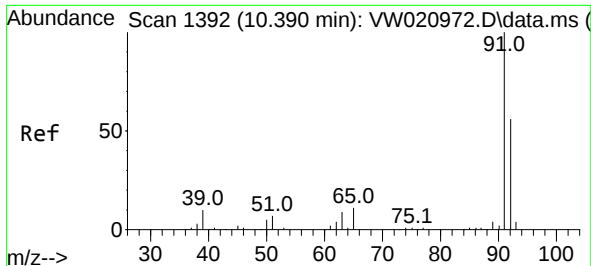
Ion Ratio Lower Upper

43 100

58 37.9 28.8 43.2

100 18.0 10.0 15.0

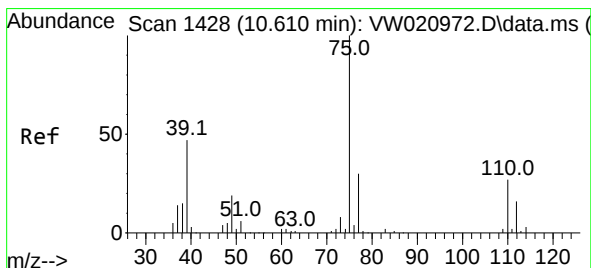
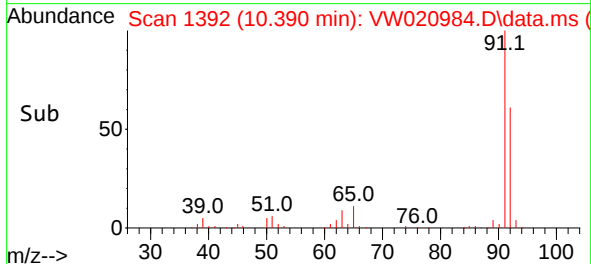
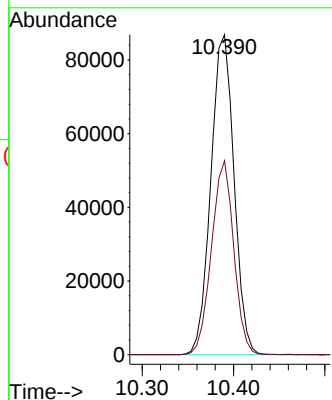
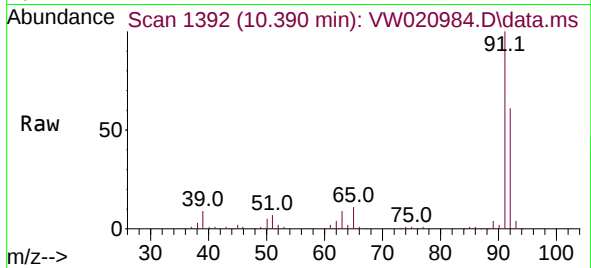




#42
Toluene
Concen: 24.109 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

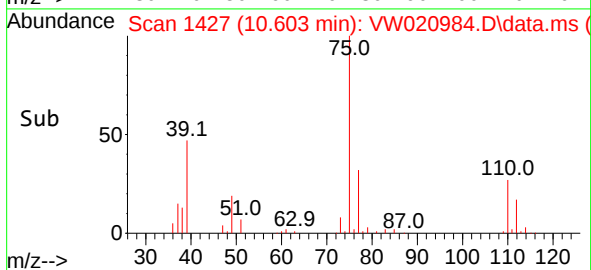
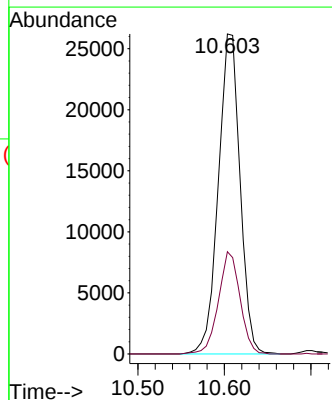
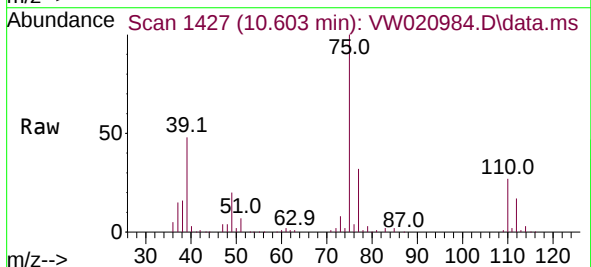
Instrument :
MSVOA_W
ClientSampleId :

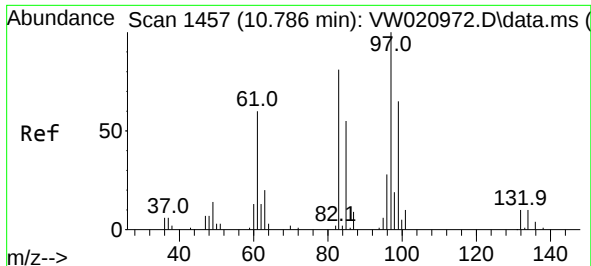
Tgt Ion: 91 Resp: 152943
Ion Ratio Lower Upper
91 100
92 60.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.957 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 75 Resp: 45630
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2

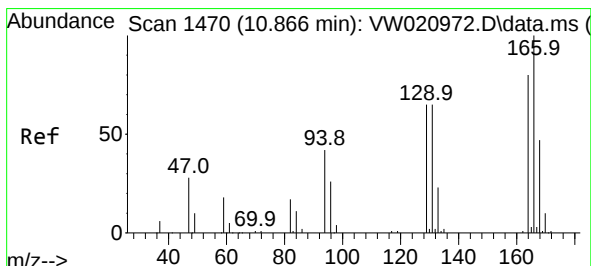
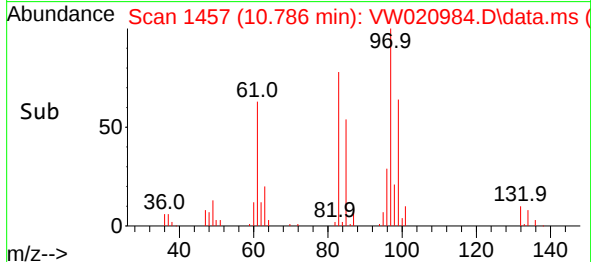
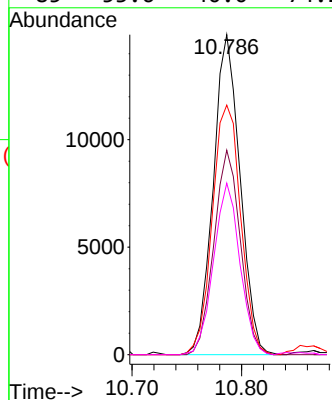
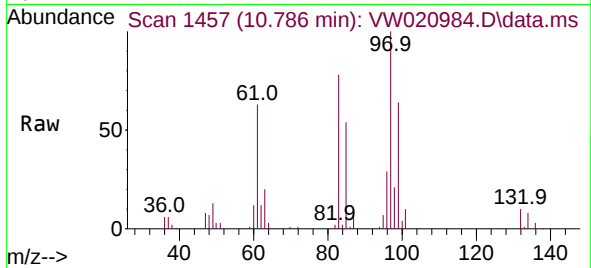




#45
1,1,2-Trichloroethane
Concen: 24.795 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

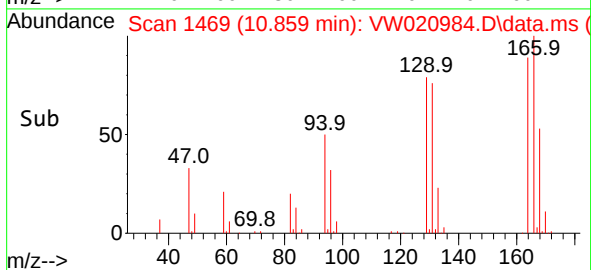
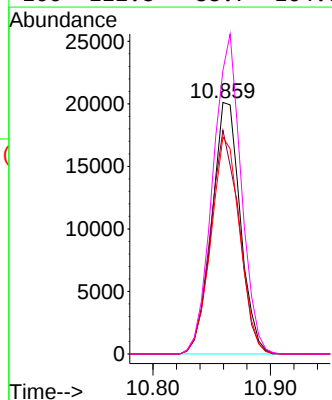
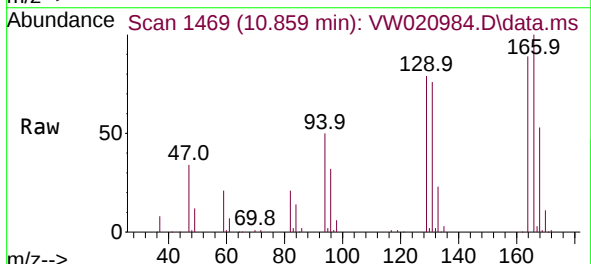
Instrument :
MSVOA_W
ClientSampleId :

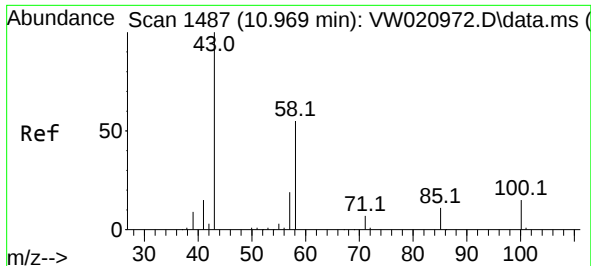
Tgt Ion:	97	Resp:	25312
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.0	79.8
83	78.0	62.6	116.3
85	53.6	40.0	74.2



#46
Tetrachloroethene
Concen: 23.358 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

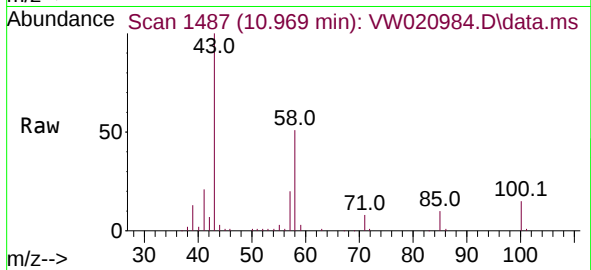
Tgt Ion:	164	Resp:	33832
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.5	121.7
131	86.2	59.7	110.9
166	112.8	88.7	164.7



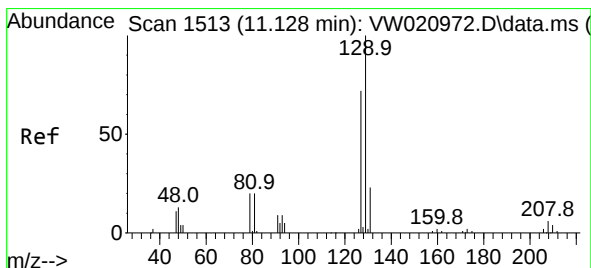
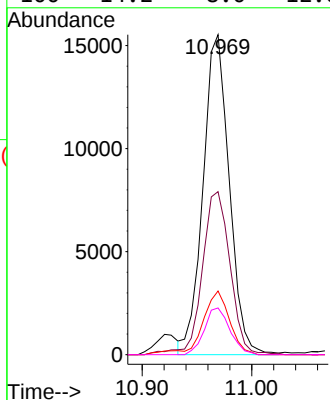
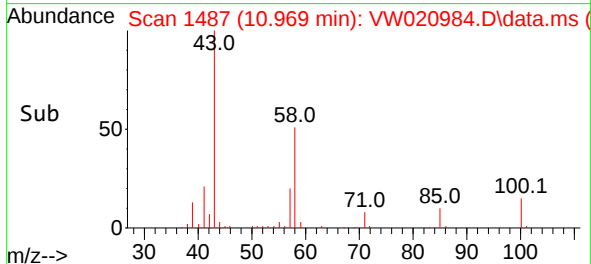


#48
2-Hexanone
Concen: 47.755 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Instrument :
MSVOA_W
ClientSampleId :

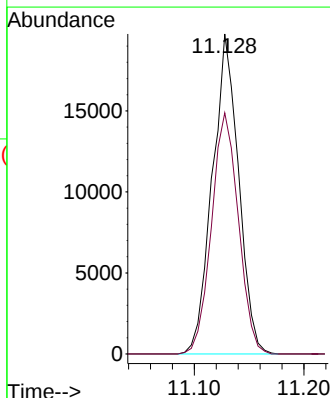
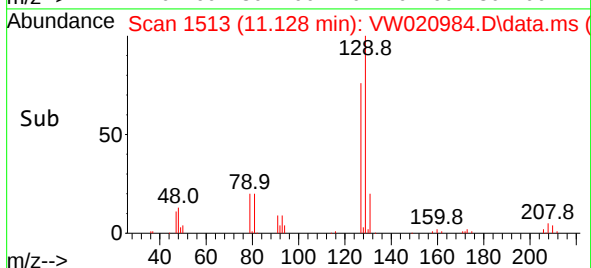
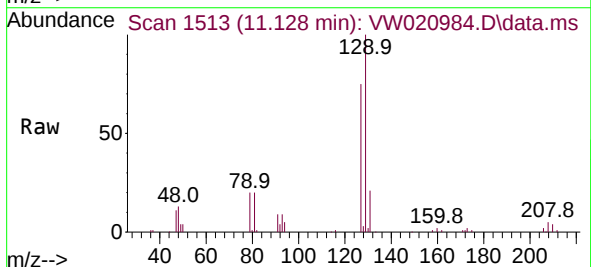


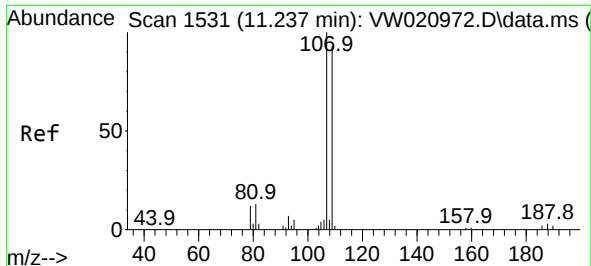
Tgt Ion: 43 Resp: 25843
Ion Ratio Lower Upper
43 100
58 52.7 40.2 60.2
57 19.3 14.3 21.5
100 14.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.339 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 129 Resp: 32847
Ion Ratio Lower Upper
129 100
127 75.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.184 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

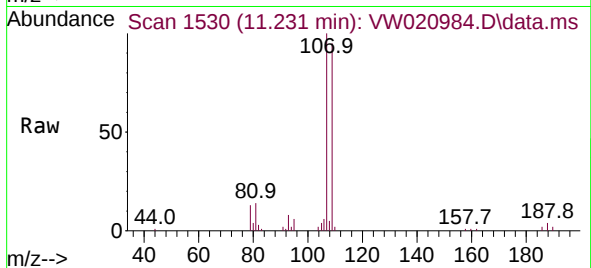
Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

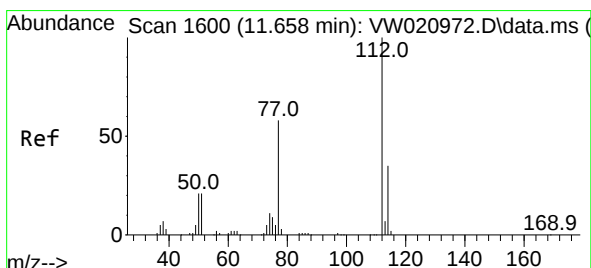
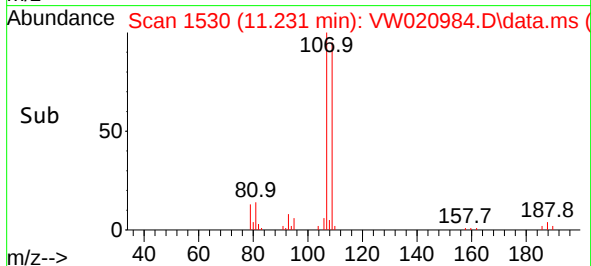
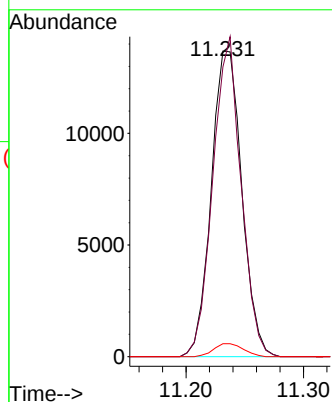
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	24752
Ion Ratio	Lower	Upper	
107	100		
109	94.8	64.1	119.1
188	4.2	2.6	3.8#



#51

Chlorobenzene

Concen: 24.111 ug/L

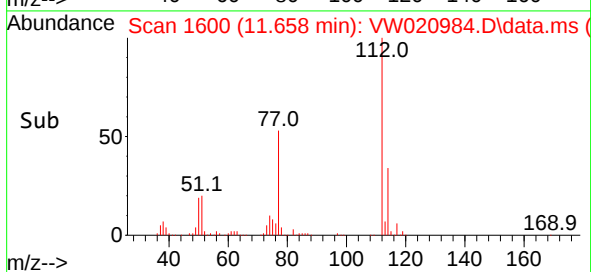
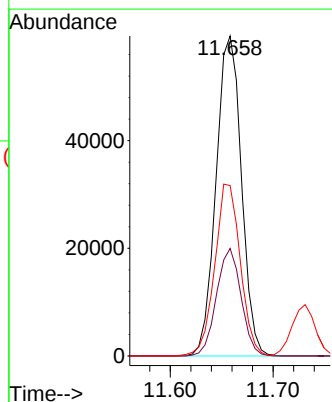
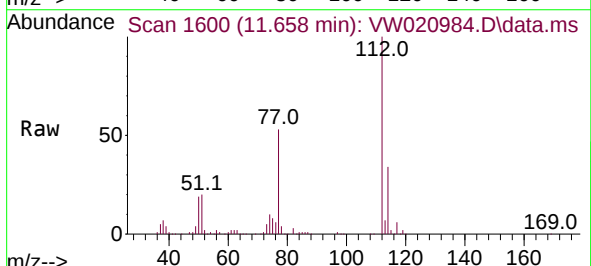
RT: 11.658 min Scan# 1600

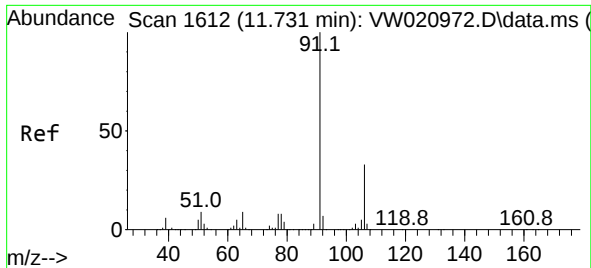
Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Tgt Ion:	112	Resp:	101730
Ion Ratio	Lower	Upper	
112	100		
114	33.6	22.4	41.6
77	53.2	50.2	75.4

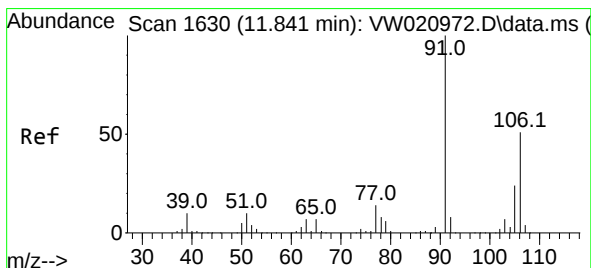
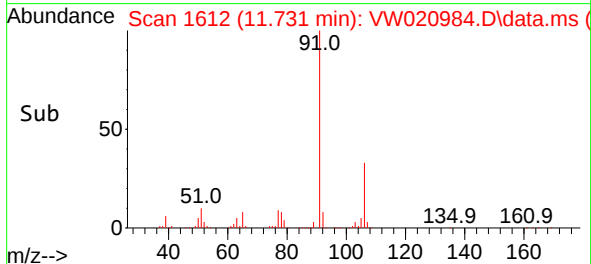
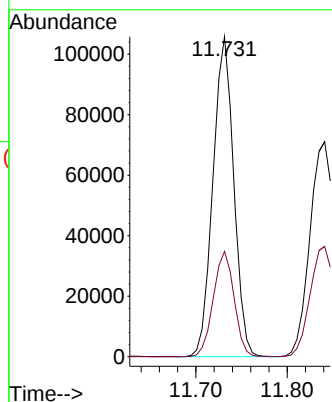
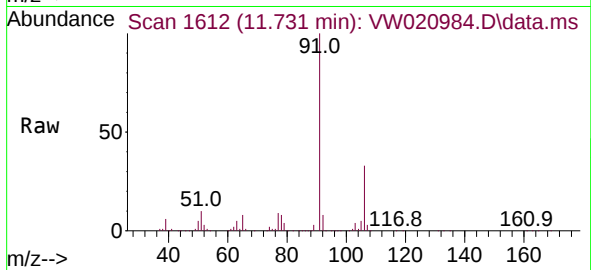




#52
Ethylbenzene
Concen: 23.770 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

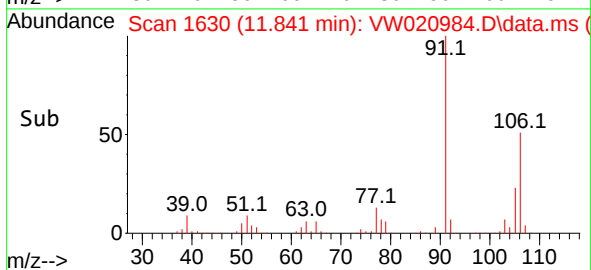
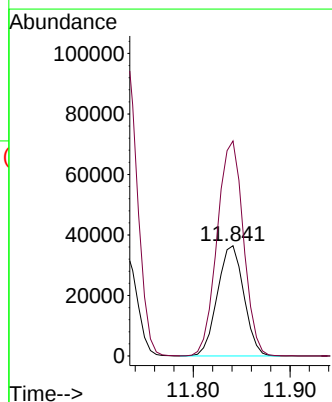
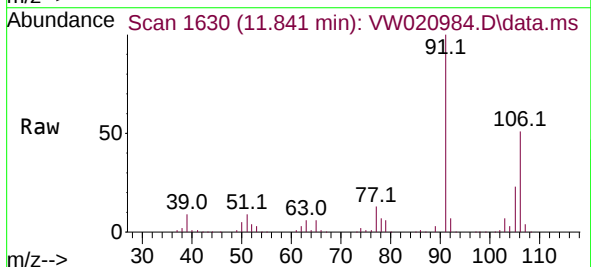
Instrument :
MSVOA_W
ClientSampleId :

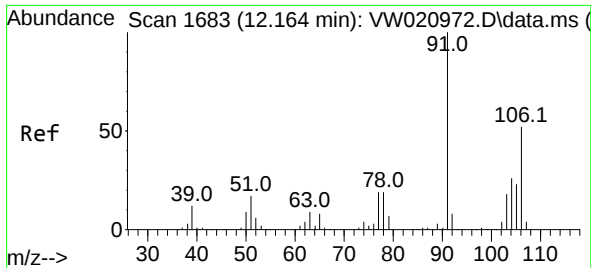
Tgt Ion: 91 Resp: 167094
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 24.013 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion:106 Resp: 68917
Ion Ratio Lower Upper
106 100
91 195.1 149.9 278.3

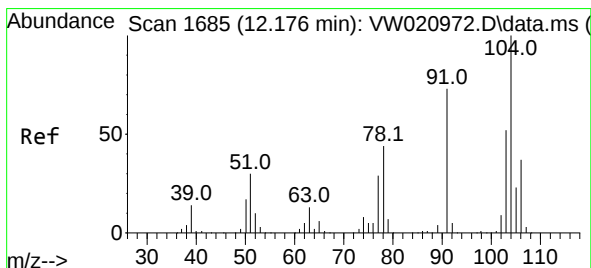
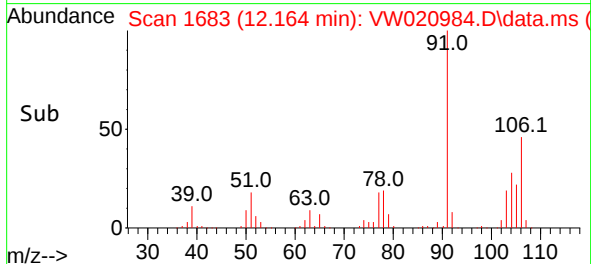
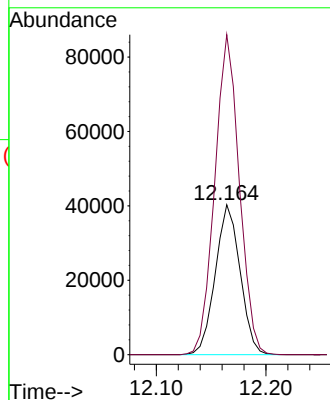
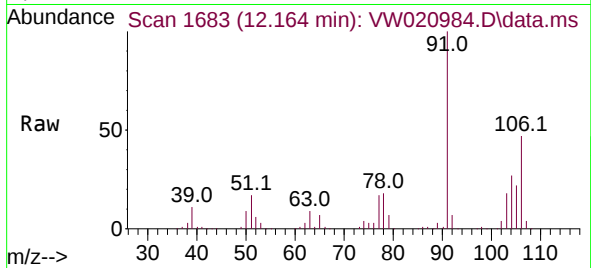




#54
o-Xylene
Concen: 22.994 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

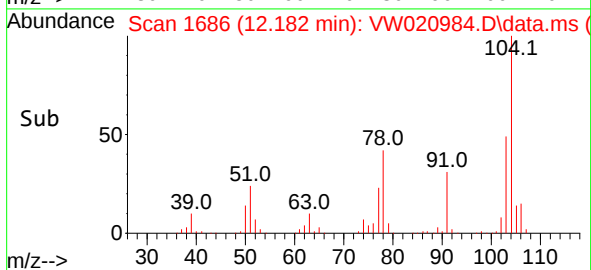
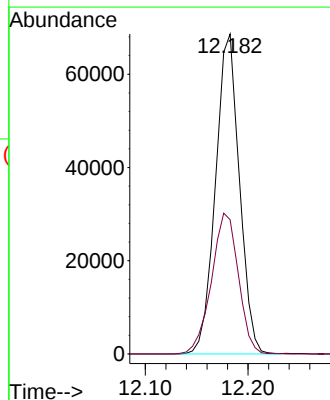
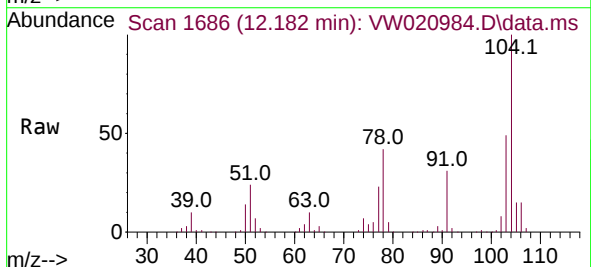
Instrument :
MSVOA_W
ClientSampleId :

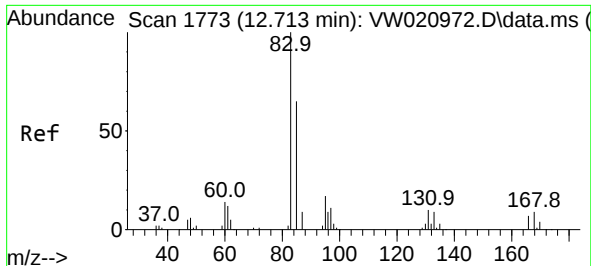
Tgt Ion:106 Resp: 63379
Ion Ratio Lower Upper
106 100
91 213.4 153.6 285.3



#55
Styrene
Concen: 24.176 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion:104 Resp: 110647
Ion Ratio Lower Upper
104 100
78 42.0 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 24.985 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020984.D

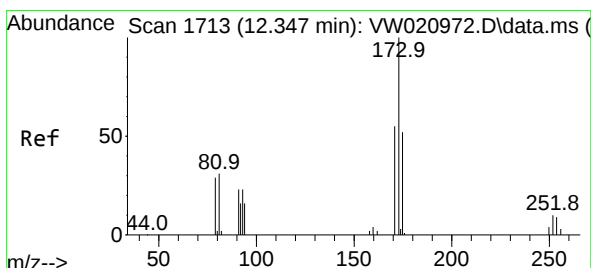
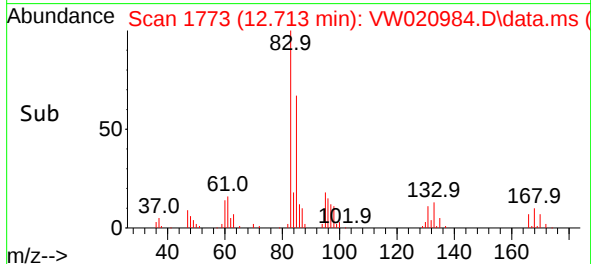
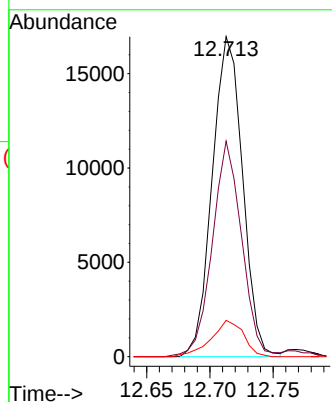
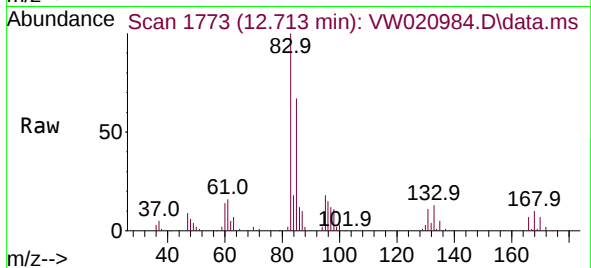
Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	28270
Ion Ratio	Lower	Upper	
83	100		
85	67.3	44.0	81.6
131	11.4	6.9	10.3#



#59

Bromoform

Concen: 20.954 ug/L

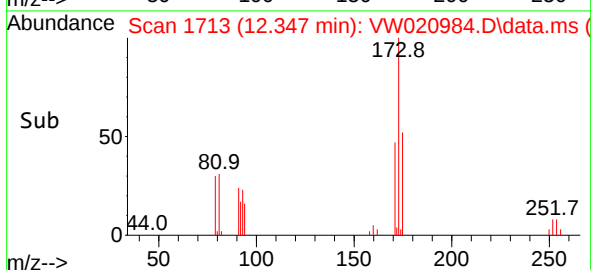
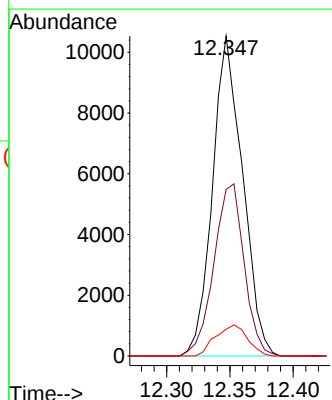
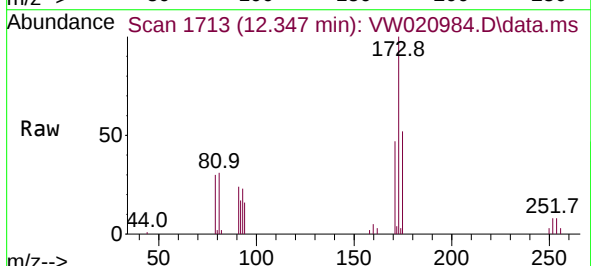
RT: 12.347 min Scan# 1713

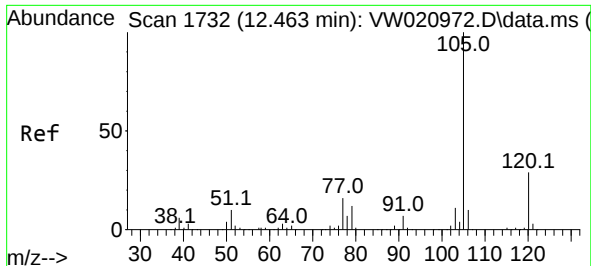
Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Tgt Ion:	173	Resp:	17395
Ion Ratio	Lower	Upper	
173	100		
175	54.1	39.6	59.4
254	10.3	7.4	11.0

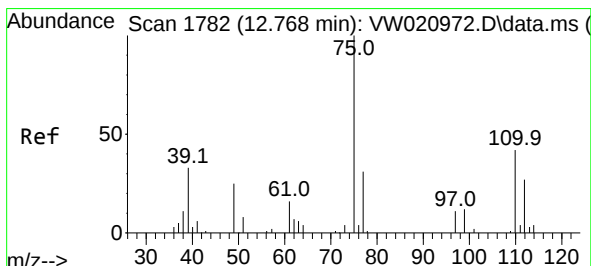
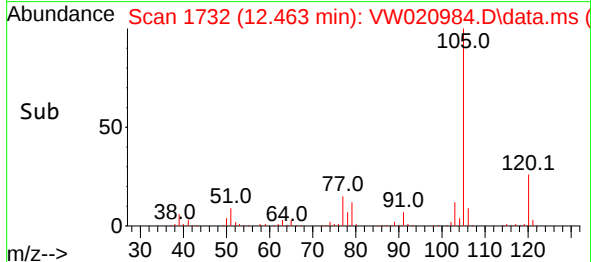
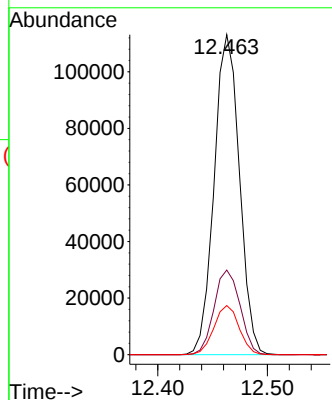
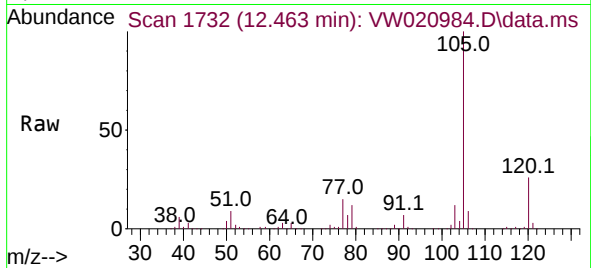




#60
Isopropylbenzene
Concen: 23.918 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

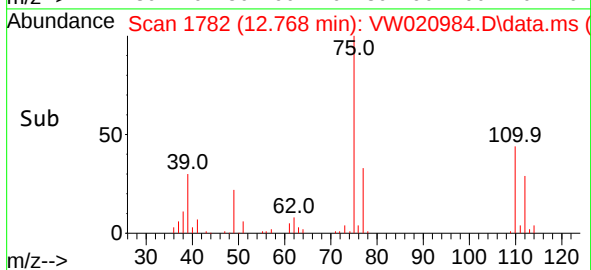
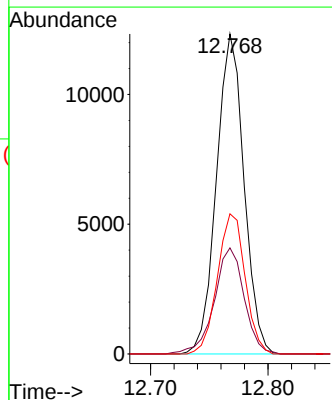
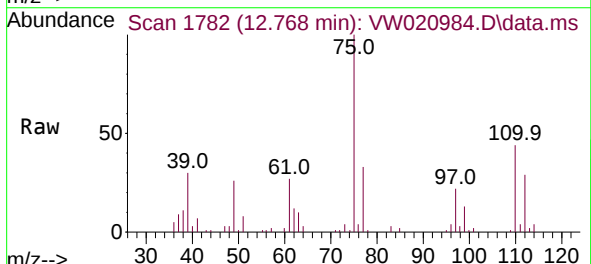
Instrument :
MSVOA_W
ClientSampleId :

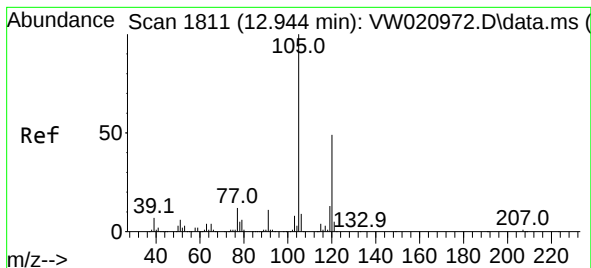
Tgt Ion:105 Resp: 181371
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.577 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion: 75 Resp: 20071
Ion Ratio Lower Upper
75 100
77 35.9 25.8 38.8
110 44.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.486 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

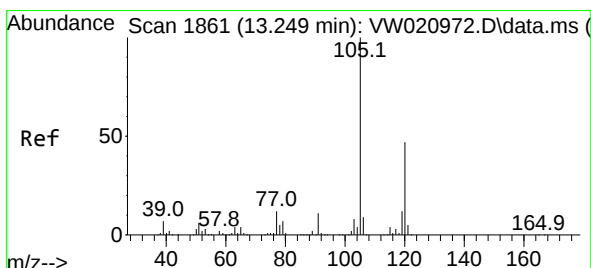
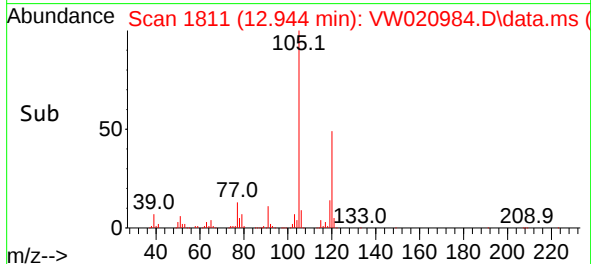
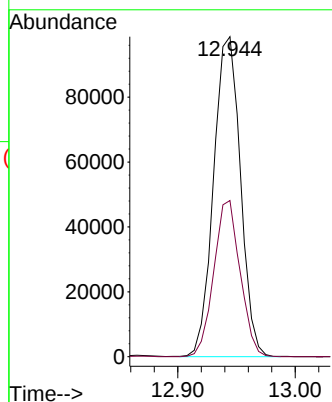
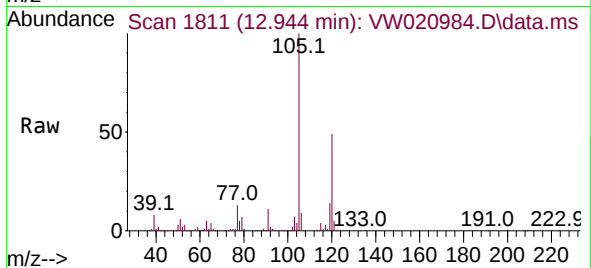
ClientSampleId :

Tgt Ion:105 Resp: 156636

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.258 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW020984.D

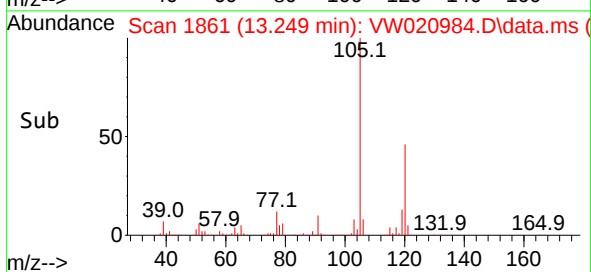
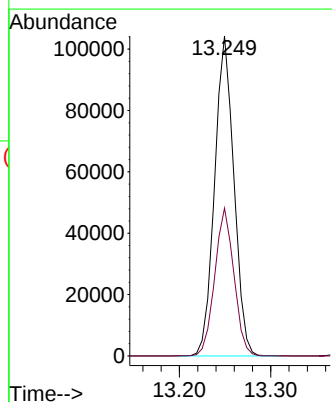
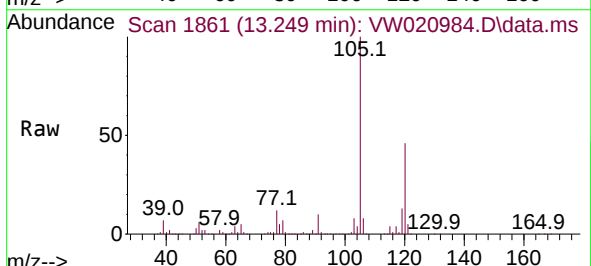
Acq: 29 Nov 2021 16:04

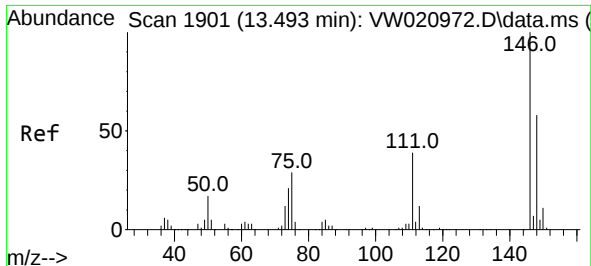
Tgt Ion:105 Resp: 153104

Ion Ratio Lower Upper

105 100

120 45.8 35.0 52.6

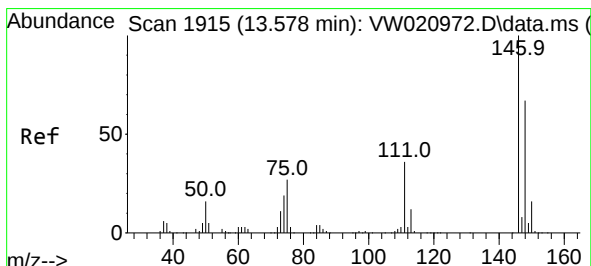
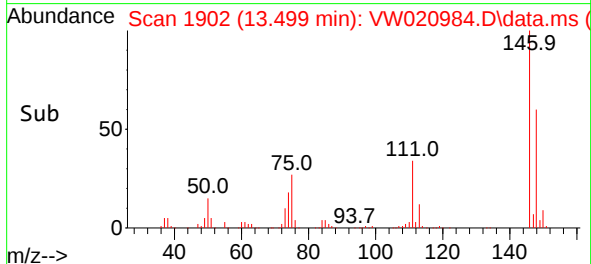
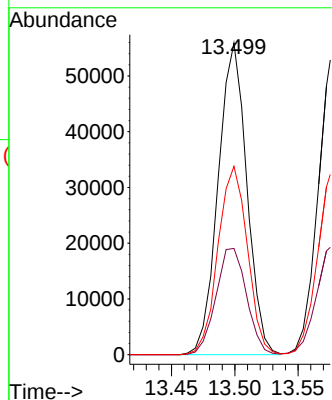
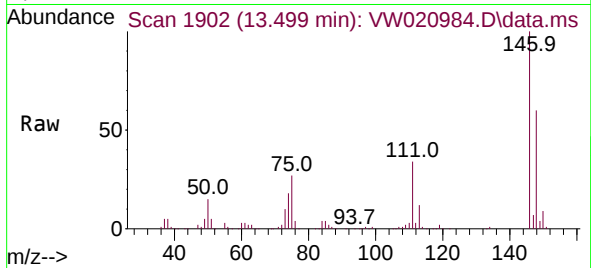




#64
1,3-Dichlorobenzene
Concen: 24.782 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

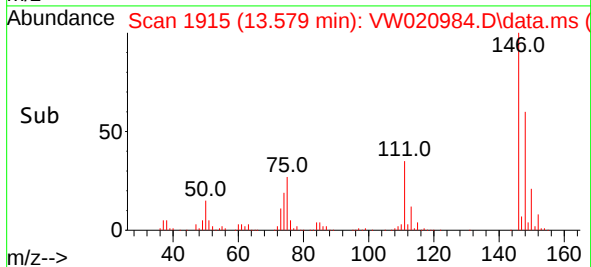
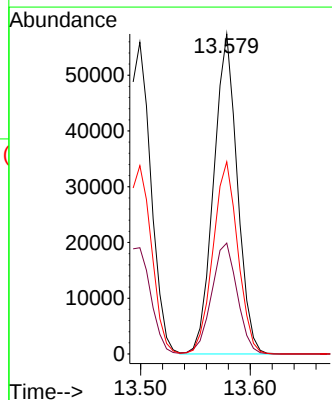
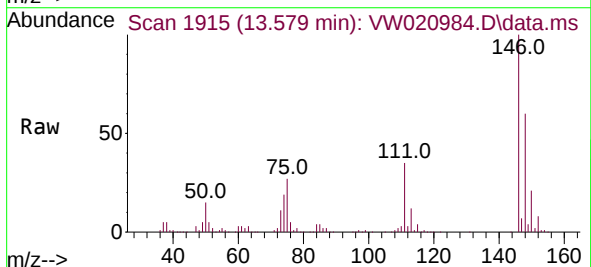
Instrument :
MSVOA_W
ClientSampleId :

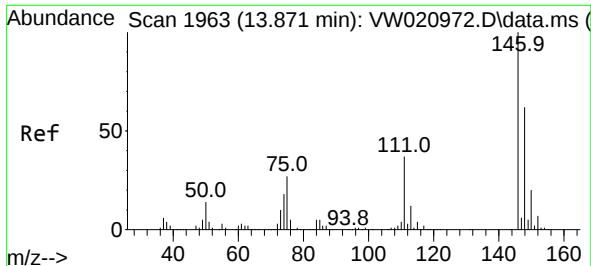
Tgt Ion:146 Resp: 88106
Ion Ratio Lower Upper
146 100
111 34.1 29.8 55.3
148 60.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.043 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

Tgt Ion:146 Resp: 86225
Ion Ratio Lower Upper
146 100
111 34.6 29.0 53.9
148 60.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.751 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :

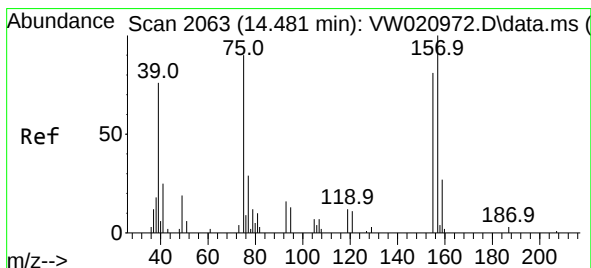
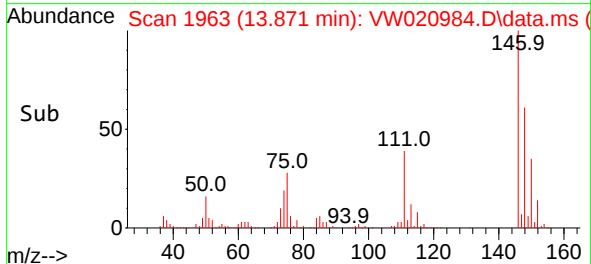
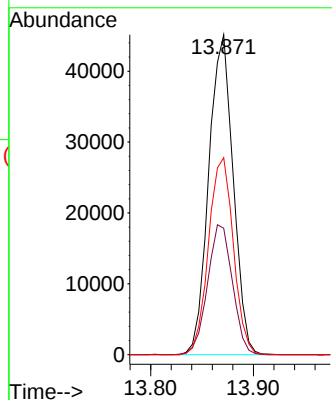
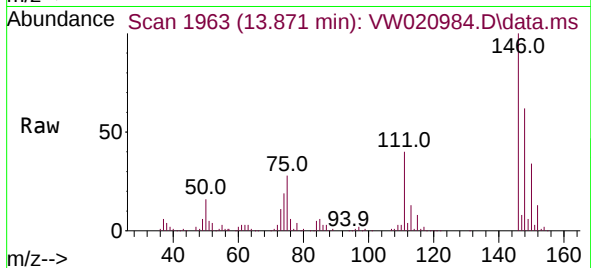
Tgt Ion:146 Resp: 74407

Ion Ratio Lower Upper

146 100

111 39.5 33.1 49.7

148 61.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.620 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

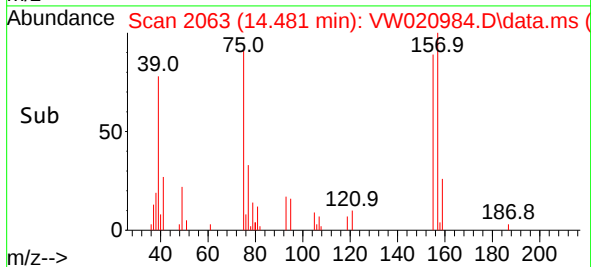
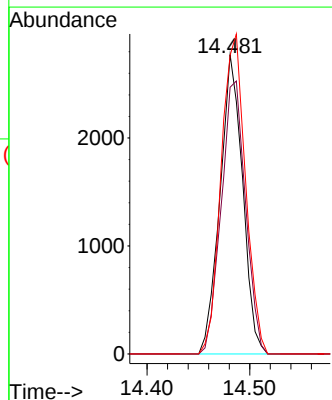
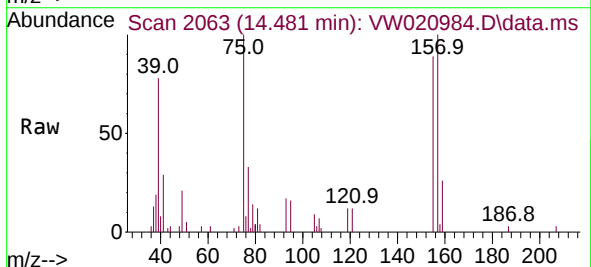
Tgt Ion: 75 Resp: 4221

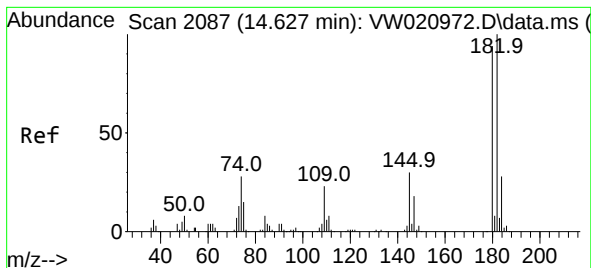
Ion Ratio Lower Upper

75 100

155 89.2 54.2 81.2#

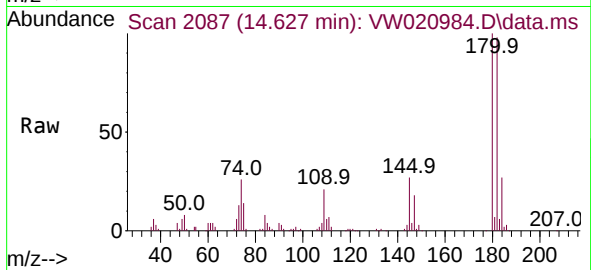
157 99.9 69.4 104.2



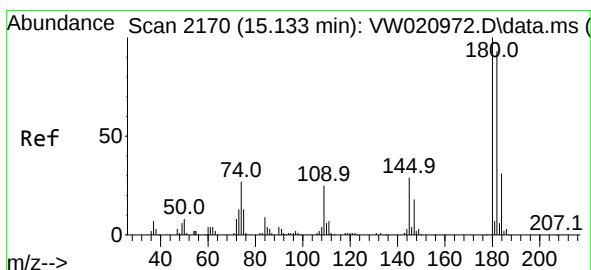
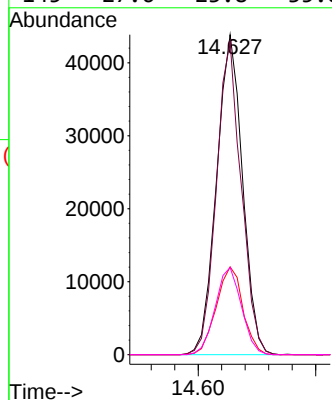
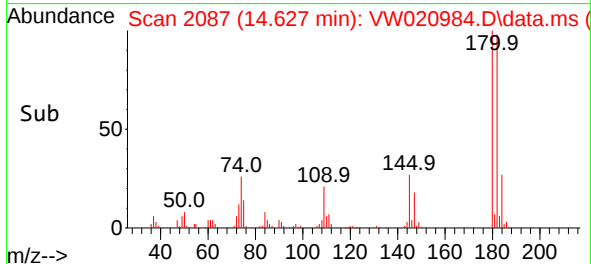


#69
1,3,5-Trichlorobenzene
Concen: 23.823 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04

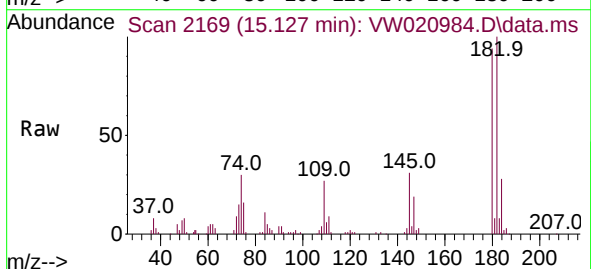
Instrument :
MSVOA_W
ClientSampleId :



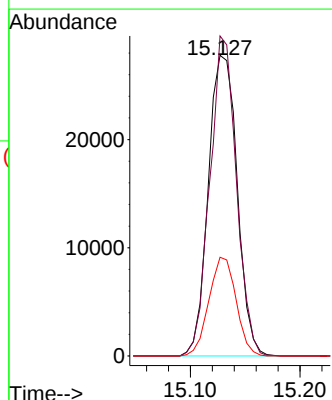
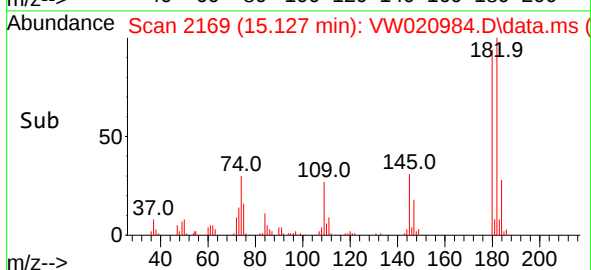
Tgt Ion:180 Resp: 67084
Ion Ratio Lower Upper
180 100
182 93.6 75.4 113.0
184 28.2 23.8 35.8
145 27.6 23.8 35.8

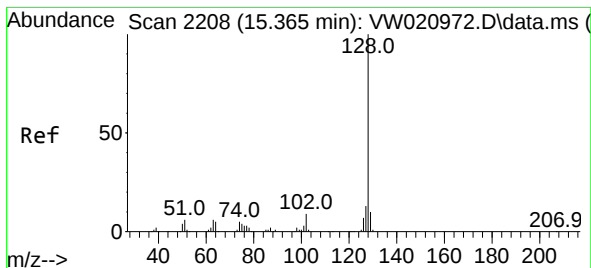


#70
1,2,4-trichlorobenzene
Concen: 22.090 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020984.D
Acq: 29 Nov 2021 16:04



Tgt Ion:180 Resp: 50889
Ion Ratio Lower Upper
180 100
182 97.8 79.0 118.6
145 30.9 26.0 39.0





#71

Naphthalene

Concen: 23.346 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW020984.D

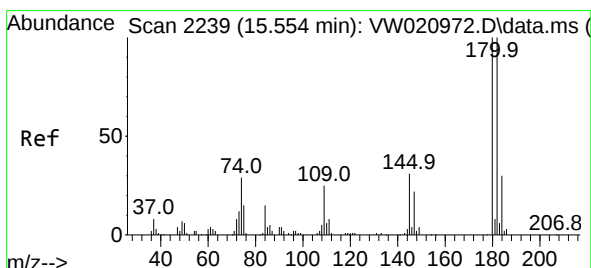
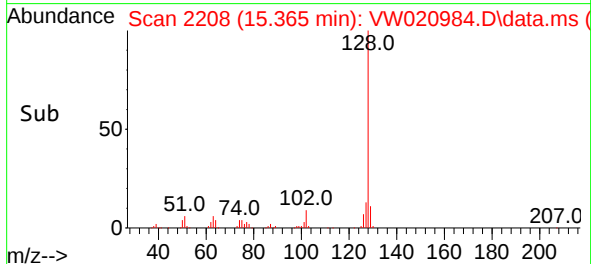
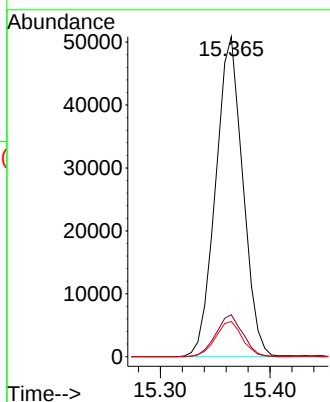
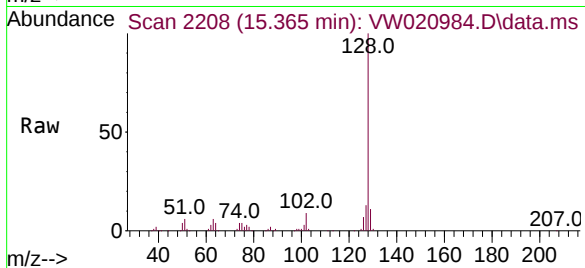
Acq: 29 Nov 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	87635
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.7 16.1
129	10.9	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.749 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020984.D

Acq: 29 Nov 2021 16:04

Tgt Ion:180	Resp:	44224
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.6 114.8
145	30.5	27.4 41.0

