

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022127.D
 Acq On : 23 Feb 2022 23:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 03:37:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:35:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	148104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	139015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52516	27.186	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	108.760%	
7) Chloroethane-d5	2.879	69	37654	24.774	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	99.080%	
11) 1,1-Dichloroethene-d2	4.019	63	70902	23.968	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	95.880%	
21) 2-Butanone-d5	7.079	46	22709	69.918	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	139.840%#	
24) Chloroform-d	7.646	84	83707	25.332	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	101.320%	
26) 1,2-Dichloroethane-d4	8.305	65	44974	26.183	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	104.720%	
32) Benzene-d6	8.274	84	162536	25.122	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	100.480%	
36) 1,2-Dichloropropane-d6	9.274	67	44950	25.018	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	100.080%	
41) Toluene-d8	10.323	98	162778	25.307	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	101.240%	
43) trans-1,3-Dichloroprop...	10.573	79	19914	24.997	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	100.000%	
47) 2-Hexanone-d5	10.920	63	21230	71.842	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	143.680%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46594	29.549	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	118.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	60308	26.313	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	105.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11839	28.603	ug/L	94
3) Chloromethane	2.214	50	33268	23.456	ug/L	97
5) Vinyl chloride	2.361	62	51639	24.231	ug/L	100
6) Bromomethane	2.775	94	31501	21.165	ug/L	93
8) Chloroethane	2.916	64	26864	22.440	ug/L	99
9) Trichlorofluoromethane	3.251	101	28966	20.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	41547	23.536	ug/L	95
12) 1,1-Dichloroethene	4.037	96	34903	22.814	ug/L	88
13) Acetone	4.123	43	14152	53.349	ug/L	94
14) Carbon disulfide	4.385	76	85454	21.544	ug/L	100
15) Methyl Acetate	4.671	43	17583	29.442	ug/L	97
16) Methylene chloride	4.915	84	38819	21.354	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	38324	22.807	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	59924	26.211	ug/L	99
19) 1,1-Dichloroethane	6.214	63	63740	23.430	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	42847	23.538	ug/L	100
22) 2-Butanone	7.171	43	22760	59.727	ug/L	97
23) Bromochloromethane	7.512	128	22007	24.748	ug/L	99

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 Response via : Initial Calibration

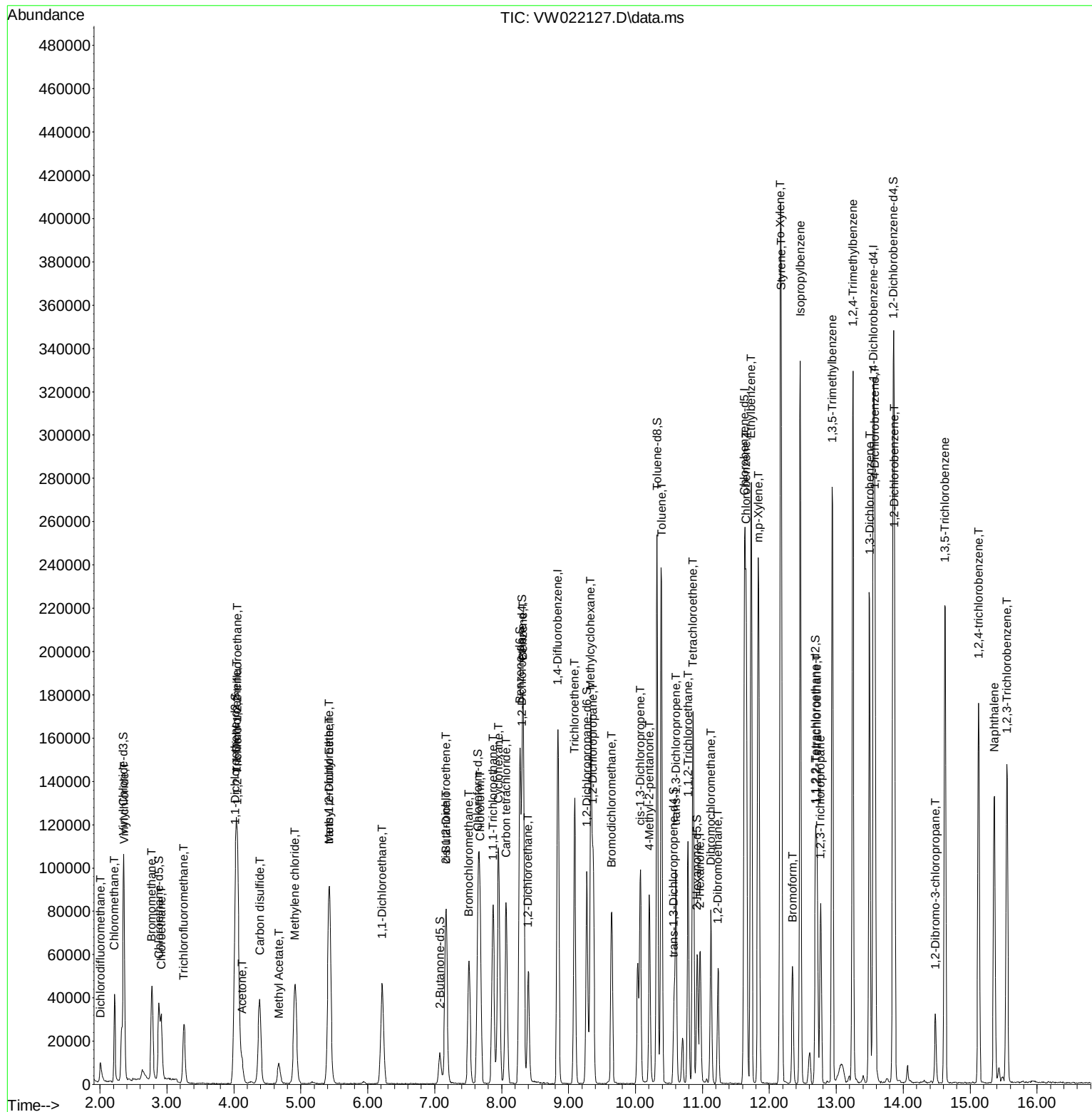
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	75608	23.820	ug/L	98
27) 1,2-Dichloroethane	8.396	62	48144	24.625	ug/L	100
29) Cyclohexane	7.951	56	57470	24.841	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	66153	23.653	ug/L	99
31) Carbon tetrachloride	8.067	117	63895	24.038	ug/L	98
33) Benzene	8.323	78	156224	23.244	ug/L	100
34) Trichloroethene	9.091	95	44042	22.886	ug/L	97
35) Methylcyclohexane	9.329	83	73102	24.559	ug/L	99
37) 1,2-Dichloropropane	9.366	63	36532	23.299	ug/L	99
38) Bromodichloromethane	9.646	83	53362	23.732	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	57971	24.323	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	51684	61.038	ug/L	99
42) Toluene	10.390	91	179821	23.639	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	52600	24.559	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	33846	24.343	ug/L	93
46) Tetrachloroethene	10.859	164	38286	22.711	ug/L	87
48) 2-Hexanone	10.963	43	37392	63.625	ug/L	97
49) Dibromochloromethane	11.128	129	41729	24.708	ug/L	97
50) 1,2-Dibromoethane	11.231	107	34001	25.353	ug/L	99
51) Chlorobenzene	11.652	112	119822	22.633	ug/L	97
52) Ethylbenzene	11.731	91	200098	23.768	ug/L	99
53) m,p-Xylene	11.841	106	80319	23.186	ug/L	99
54) o-Xylene	12.164	106	77343	23.729	ug/L	94
55) Styrene	12.176	104	130409	23.866	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	43574	27.010	ug/L	96
59) Bromoform	12.347	173	25151	26.653	ug/L #	97
60) Isopropylbenzene	12.463	105	216725	25.301	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	32322	28.699	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	146981	25.804	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	182090	26.158	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	95741	22.531	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	98360	23.099	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	93002	24.617	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7195	30.220	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	68832	22.568	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	55701	24.137	ug/L	98
71) Naphthalene	15.365	128	117674	28.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	47962	24.029	ug/L	99

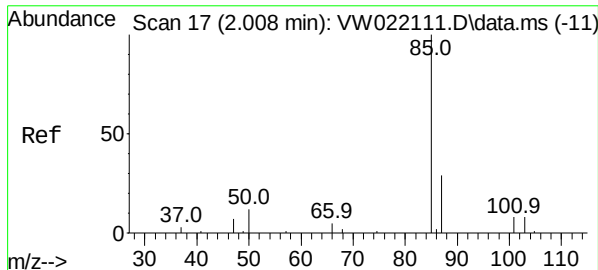
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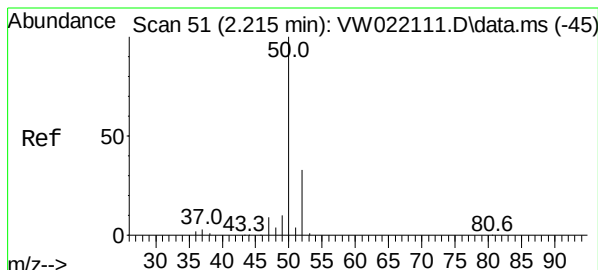
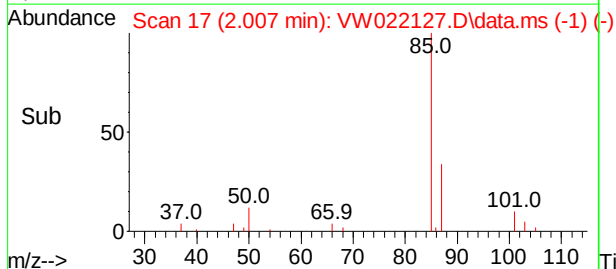
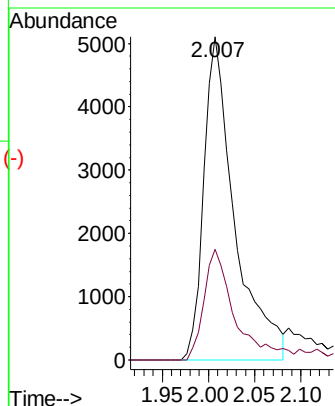
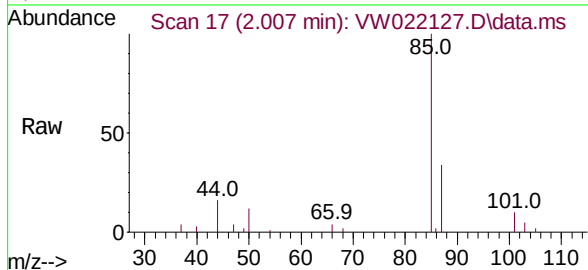




Dichlorodifluoromethane
 Concen: 28.603 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

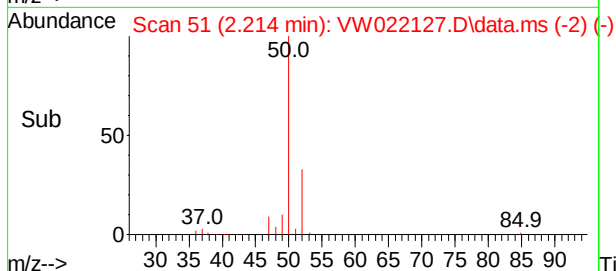
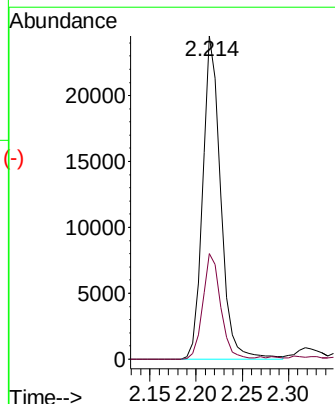
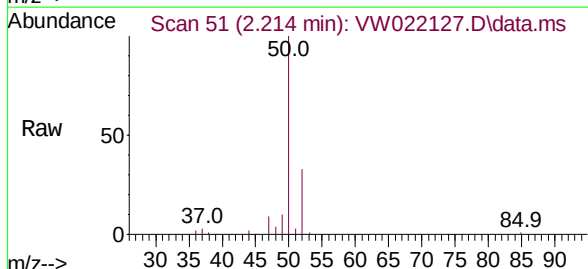
Instrument :
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 ClientSampleId :

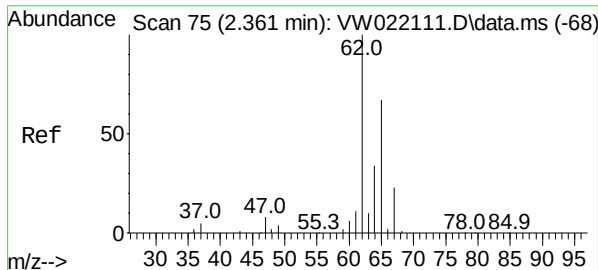
Tgt Ion: 85 Resp: 11839
 Ion Ratio Lower Upper
 85 100
 87 31.1 27.6 41.4



Chloromethane
 Concen: 23.456 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

Tgt Ion: 50 Resp: 33268
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.9 44.5

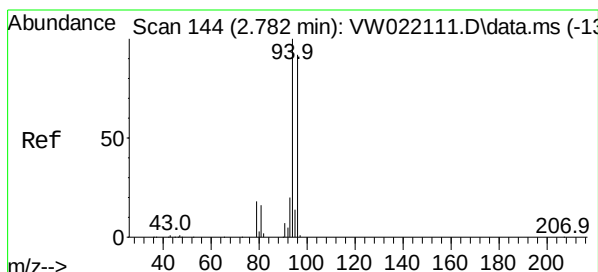
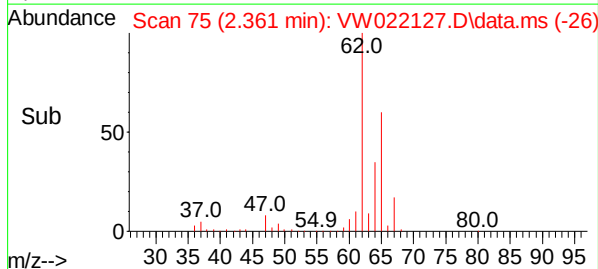
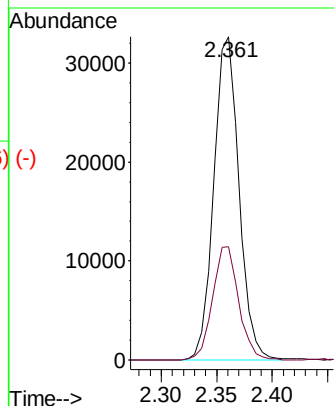
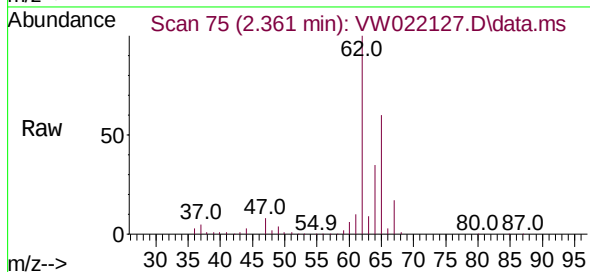




Vinyl chloride
 Concen: 24.231 ug/L
 RT: 2.361 min Scan#
 Delta R.T. -0.000 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

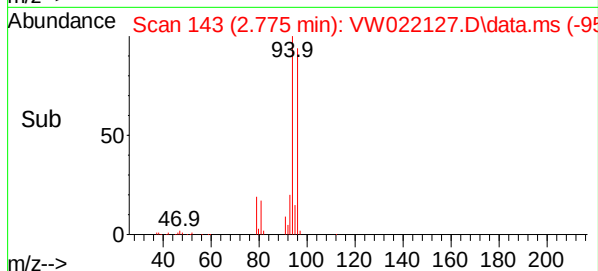
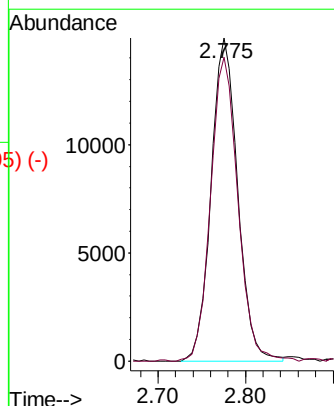
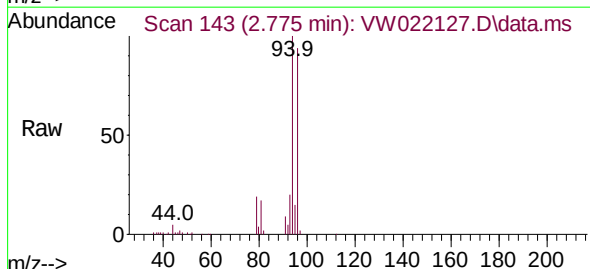
Instrument :
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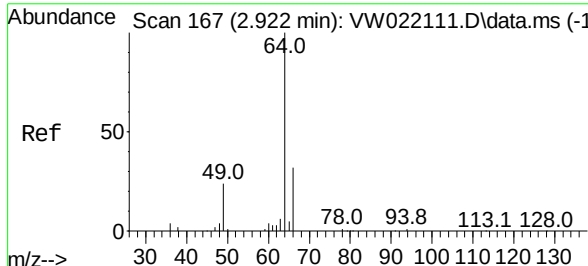
Tgt Ion: 62 Resp: 51639
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.7 45.9



Bromomethane
 Concen: 21.165 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

Tgt Ion: 94 Resp: 31501
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.2 113.8





Chloroethane

Concen: 22.440 ug/L

RT: 2.916 min Scan# 166

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

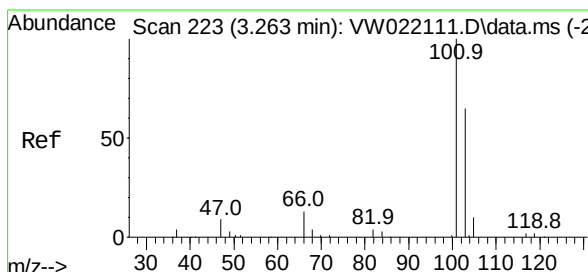
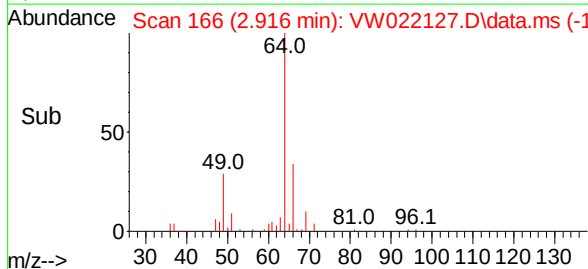
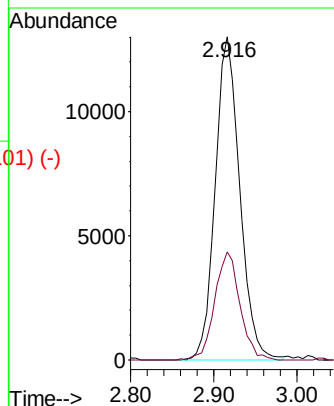
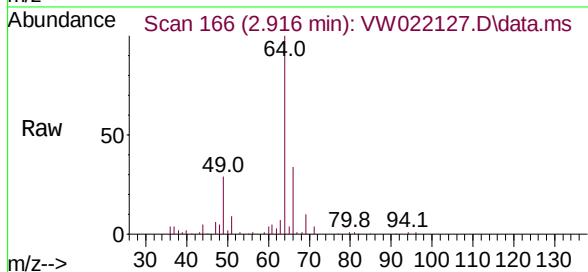
ClientSampleId :

Tgt Ion: 64 Resp: 26864

Ion Ratio Lower Upper

64 100

66 33.5 23.2 43.0



Trichlorofluoromethane

Concen: 20.020 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.013 min

Lab File: VW022127.D

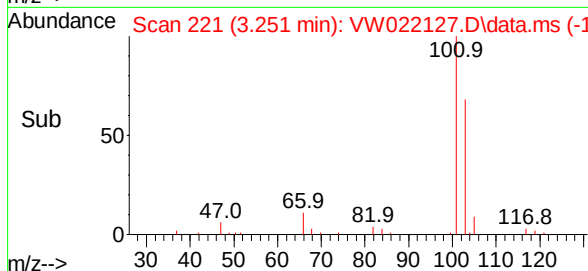
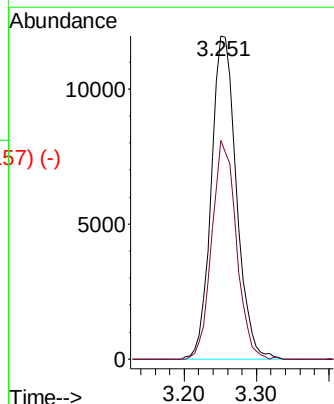
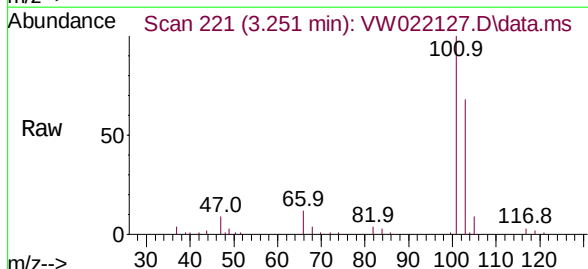
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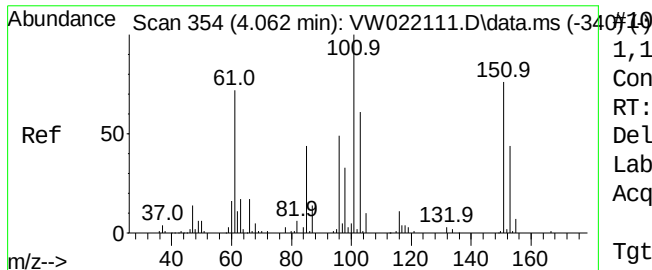
Tgt Ion:101 Resp: 28966

Ion Ratio Lower Upper

101 100

103 65.7 53.2 79.8

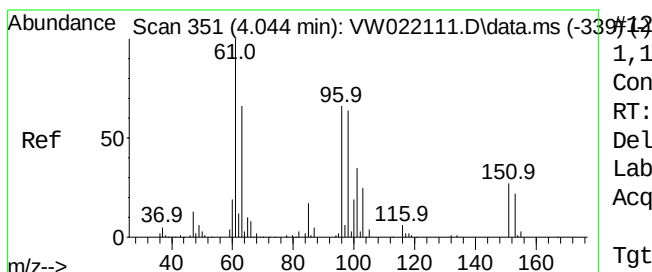
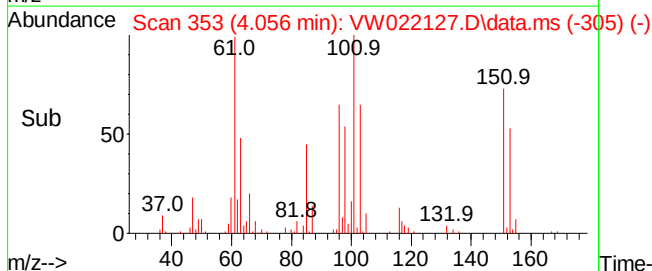
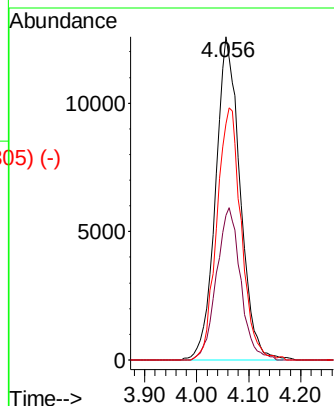
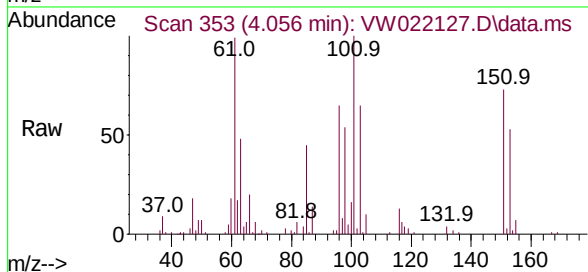




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.536 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW022127.D
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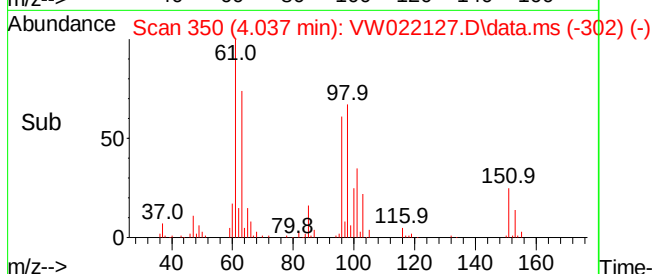
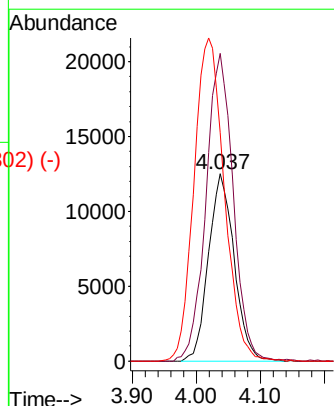
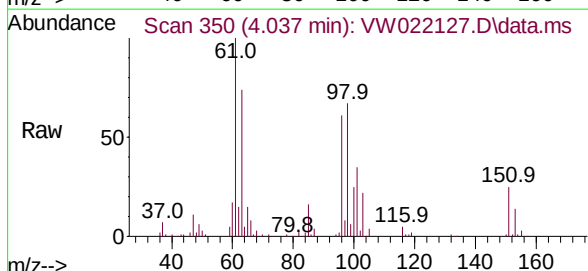
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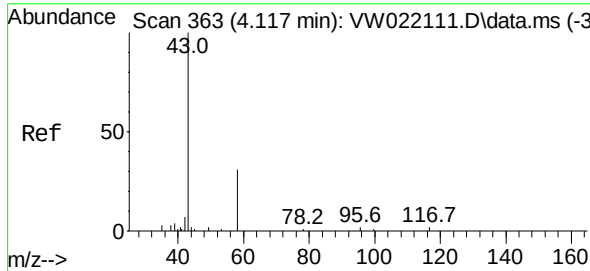
Tgt Ion:	101	Resp:	41547
Ion	Ratio	Lower	Upper
101	100		
85	46.4	34.4	51.6
151	77.4	59.0	88.4



1,1-Dichloroethene
 Concen: 22.814 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
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Tgt Ion:	96	Resp:	34903
Ion	Ratio	Lower	Upper
96	100		
61	163.9	108.4	201.2
63	121.7	72.0	133.6

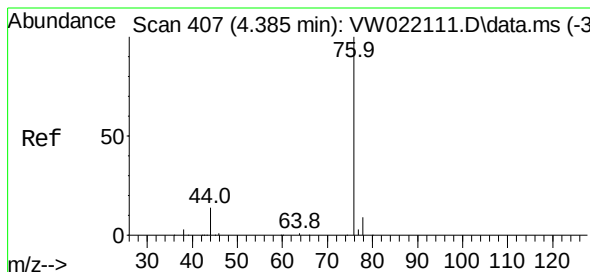
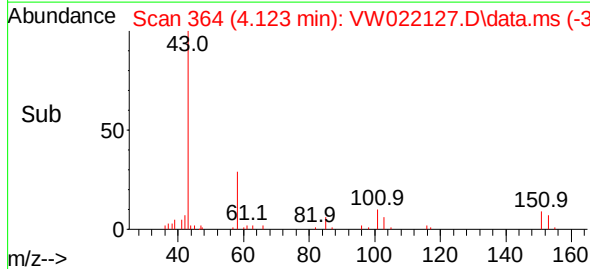
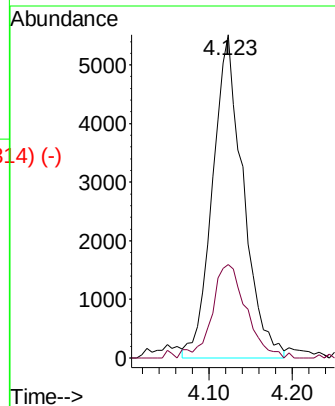
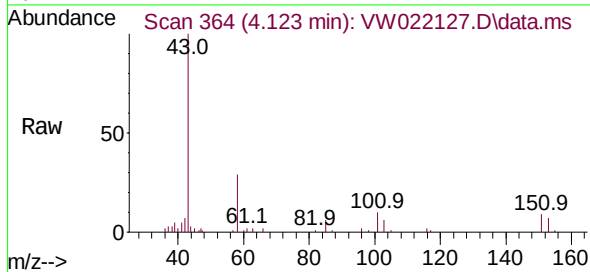




#13
Acetone
Concen: 53.349 ug/L
RT: 4.123 min Scan# 363
Delta R.T. 0.006 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

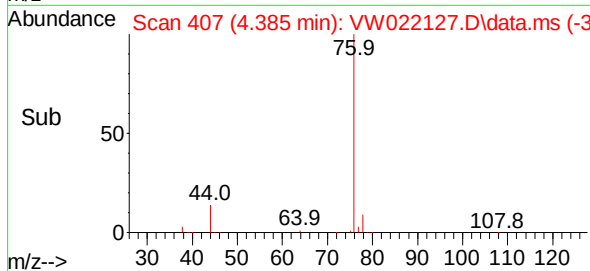
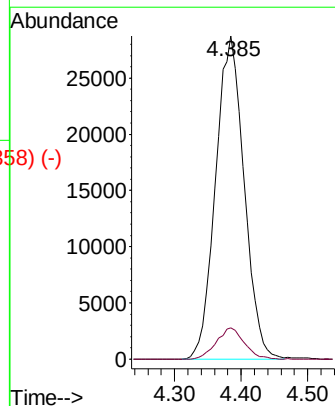
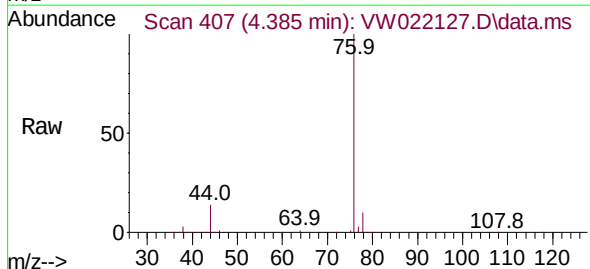
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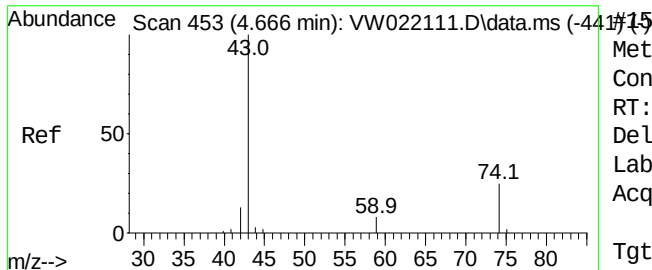
Tgt Ion: 43 Resp: 14152
Ion Ratio Lower Upper
43 100
58 31.3 0.0 69.2



#14
Carbon disulfide
Concen: 21.544 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 85454
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8





Methyl Acetate

Concen: 29.442 ug/L

RT: 4.671 min Scan# 415

Delta R.T. 0.006 min

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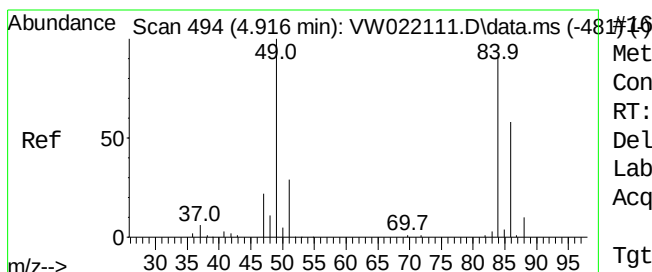
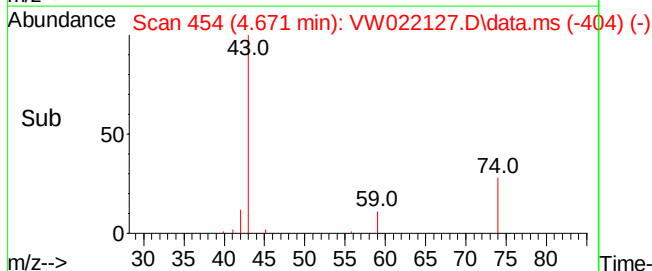
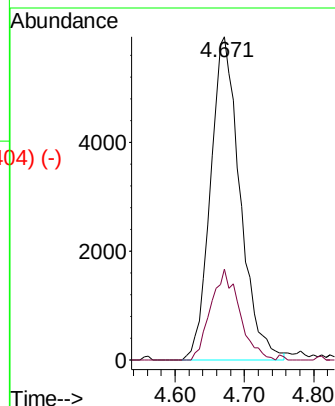
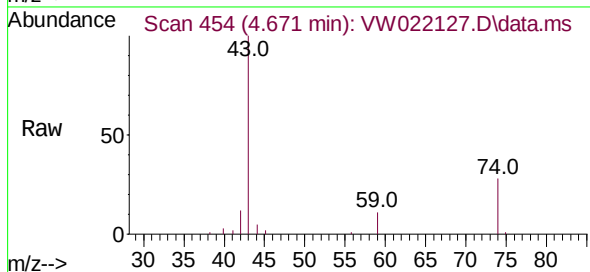
ClientSampleId :

Tgt Ion: 43 Resp: 17583

Ion Ratio Lower Upper

43 100

74 27.3 23.0 34.6



Methylene chloride

Concen: 21.354 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

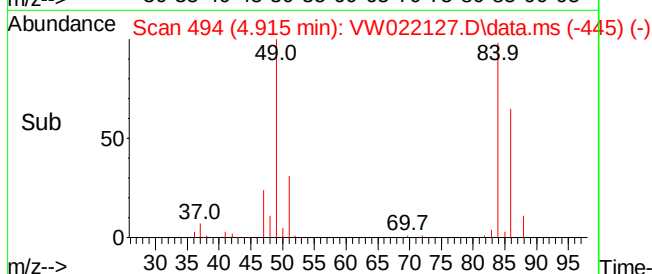
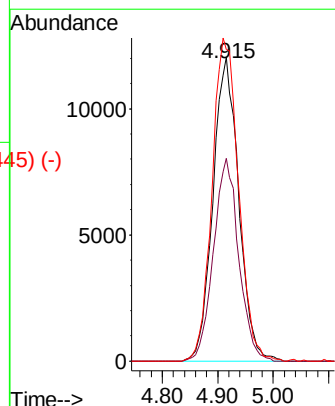
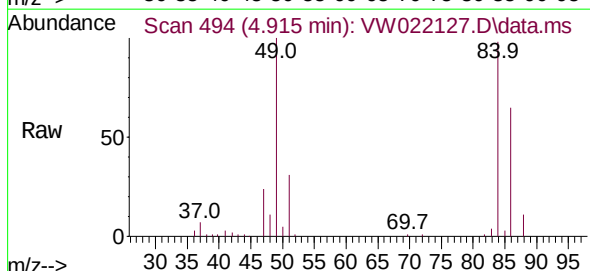
Tgt Ion: 84 Resp: 38819

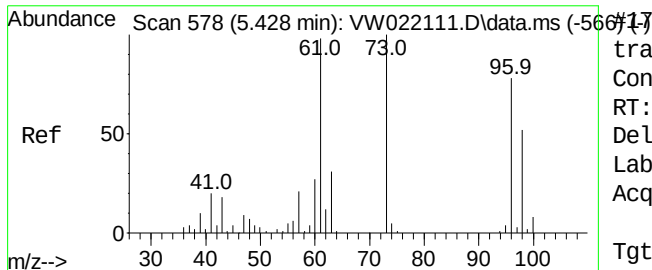
Ion Ratio Lower Upper

84 100

86 66.8 45.8 85.0

49 102.5 73.8 137.0

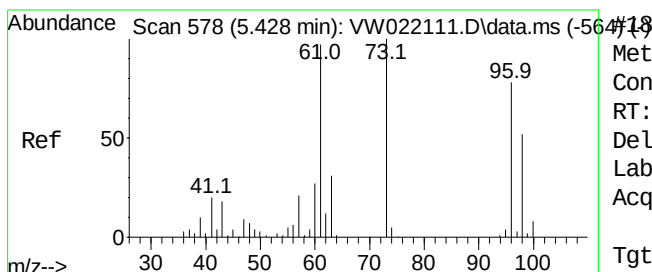
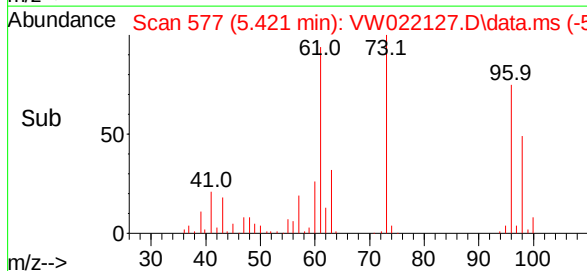
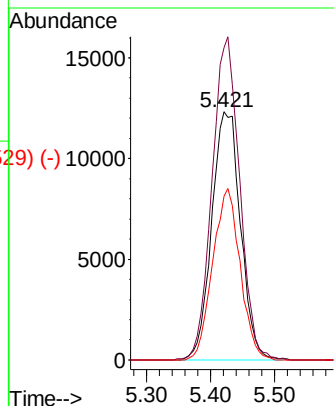
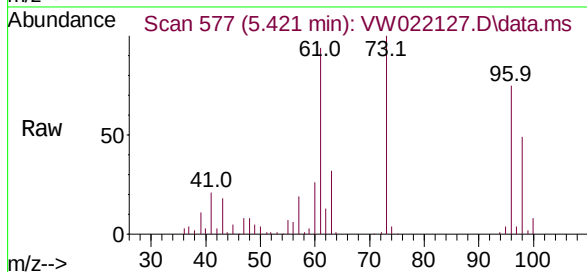




trans-1,2-Dichloroethene
Concen: 22.807 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

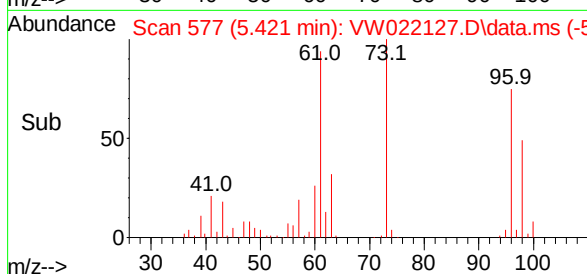
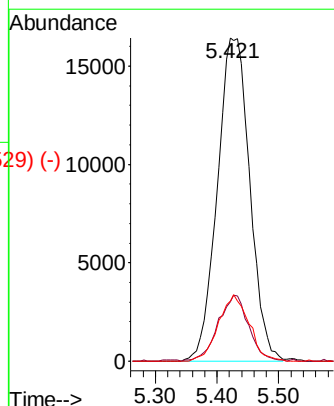
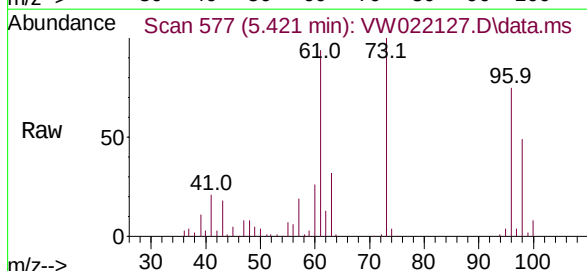
Instrument :
MSVOA_W
ClientSampleId :

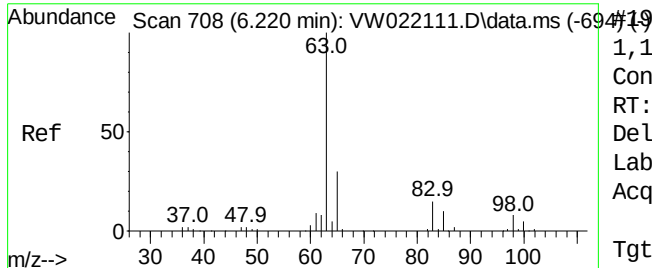
Tgt Ion:	96	Resp:	38324
Ion	Ratio	Lower	Upper
96	100		
61	125.5	87.3	162.1
98	65.8	43.2	80.2



Methyl tert-butyl Ether
Concen: 26.211 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion:	73	Resp:	59924
Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.4	23.2
57	19.3	16.5	24.7





1,1-Dichloroethane

Concen: 23.430 ug/L

RT: 6.214 min Scan#

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :

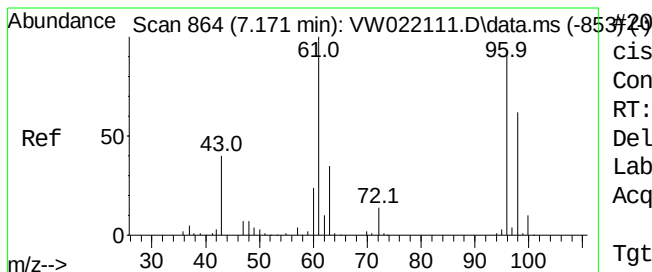
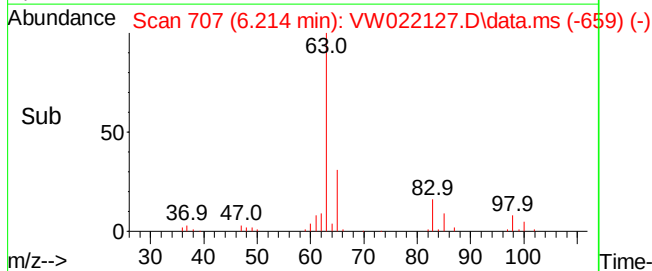
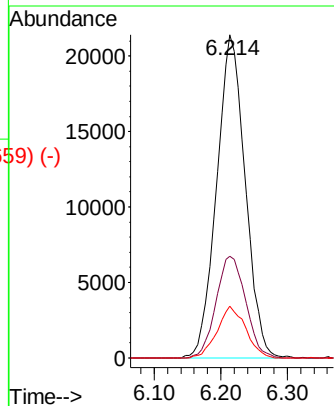
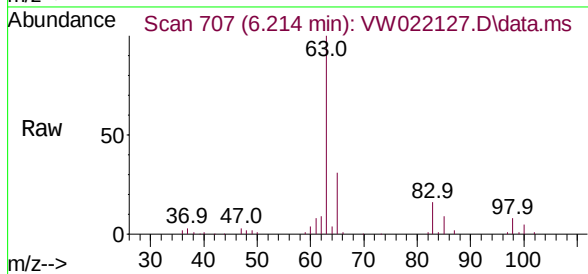
Tgt Ion: 63 Resp: 63740

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

83 16.0 11.5 21.5



cis-1,2-Dichloroethene

Concen: 23.538 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

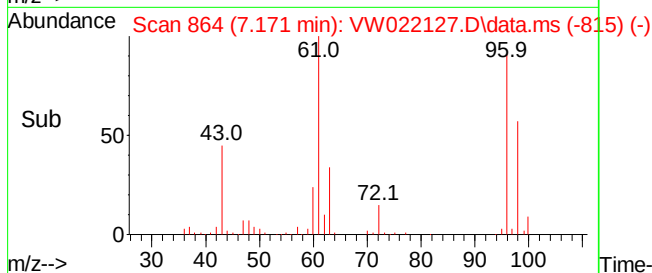
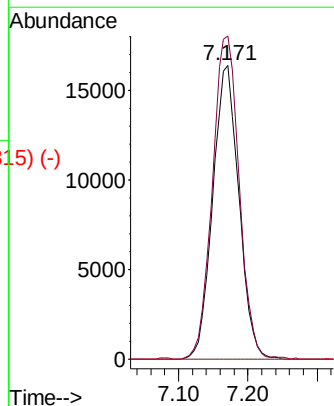
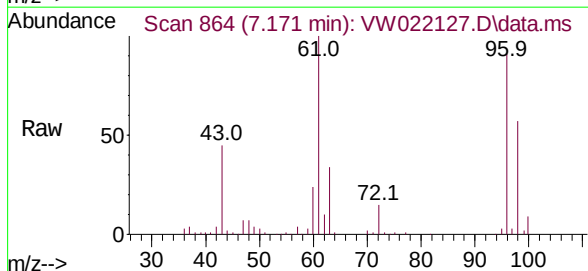
Tgt Ion: 96 Resp: 42847

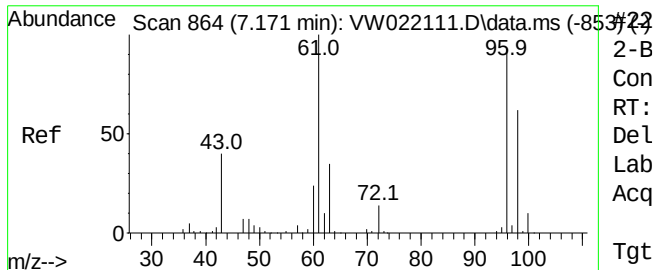
Ion Ratio Lower Upper

96 100

61 109.9 76.8 142.6

68 0.0 0.0 0.0





2-Butanone

Concen: 59.727 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

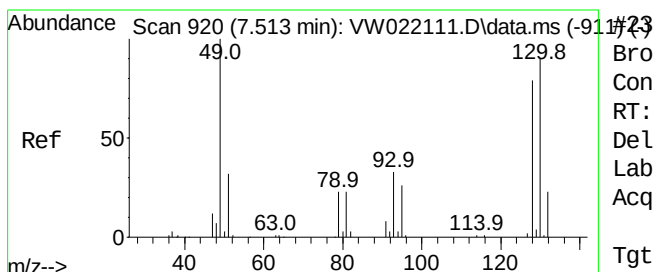
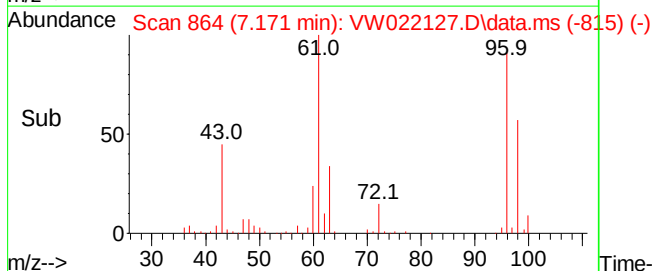
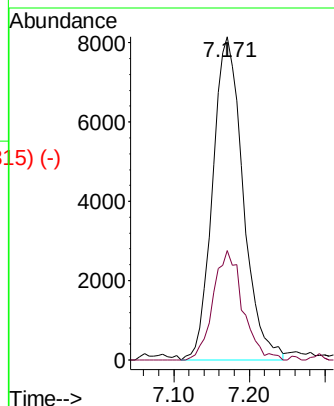
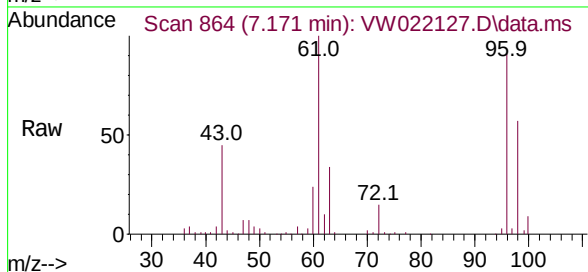
ClientSampleId :

Tgt Ion: 43 Resp: 22760

Ion Ratio Lower Upper

43 100

72 32.3 17.0 51.0



Bromochloromethane

Concen: 24.748 ug/L

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Tgt Ion:128 Resp: 22007

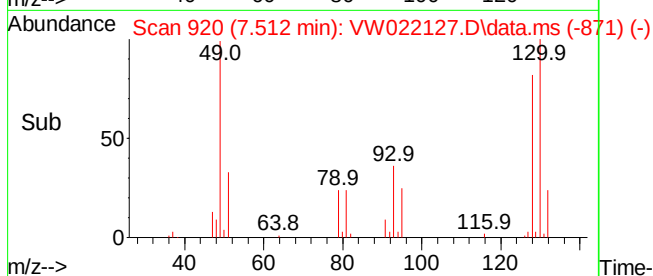
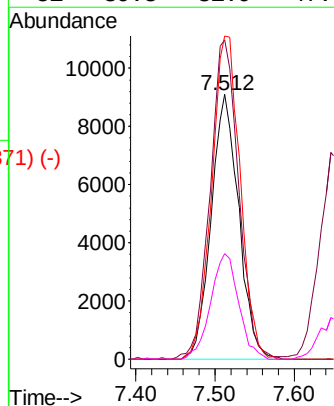
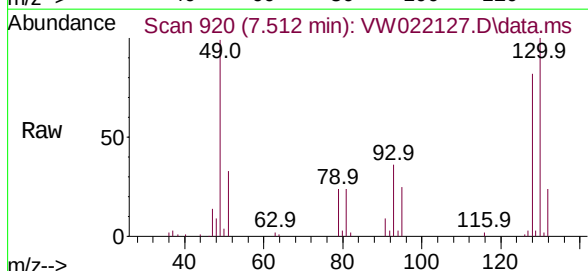
Ion Ratio Lower Upper

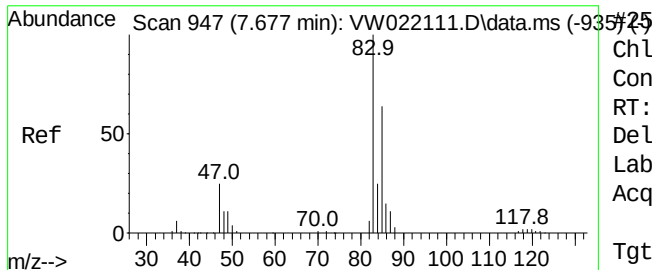
128 100

49 120.6 84.2 156.4

130 122.1 84.8 157.4

51 39.8 31.9 47.9

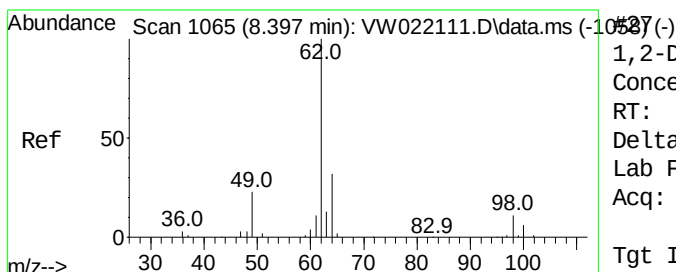
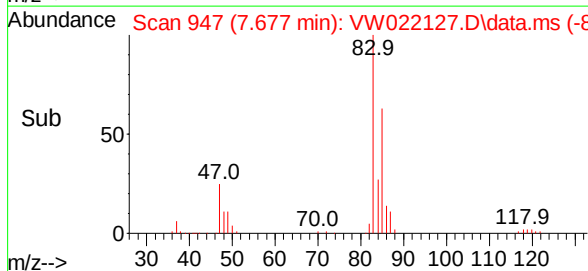
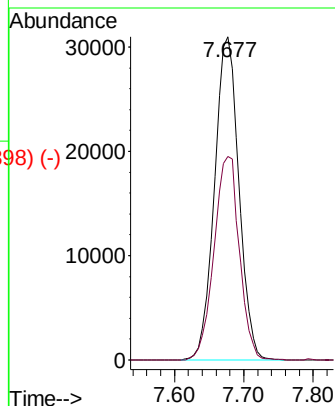
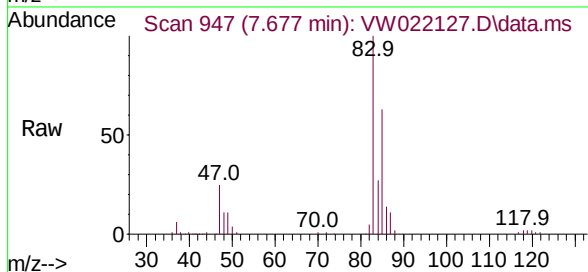




#25
Chloroform
Concen: 23.820 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

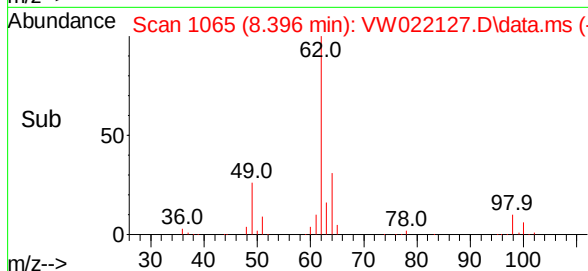
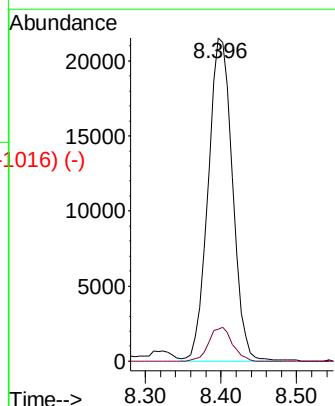
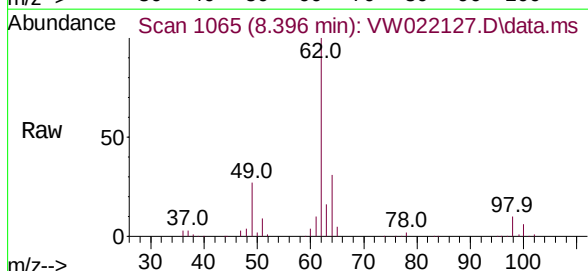
Instrument :
MSVOA_W
ClientSampleId :

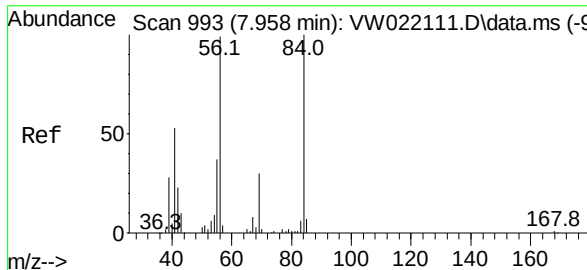
Tgt Ion: 83 Resp: 75608
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.625 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion: 62 Resp: 48144
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





Cyclohexane

Concen: 24.841 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :

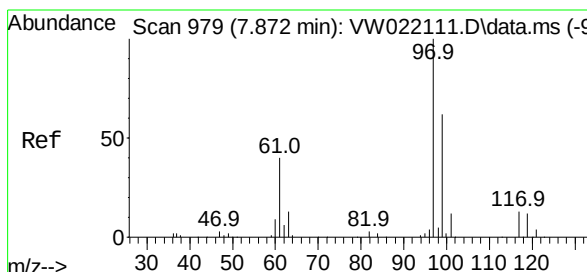
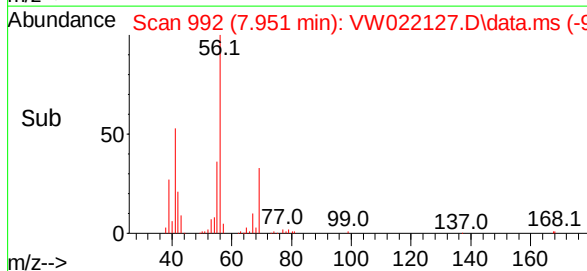
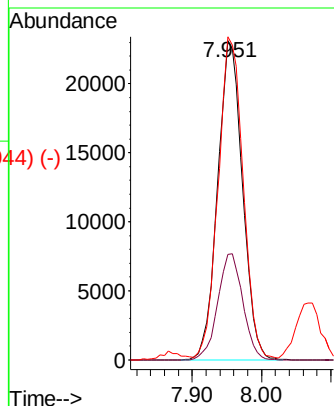
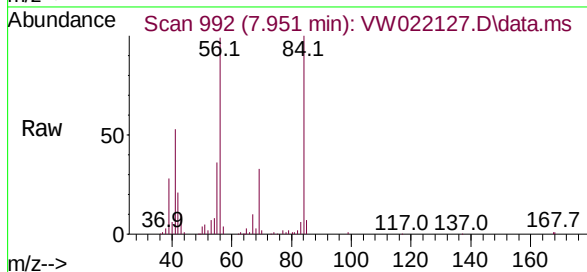
Tgt Ion: 56 Resp: 57470

Ion Ratio Lower Upper

56 100

69 33.5 26.3 39.5

84 101.9 81.4 122.2



1,1,1-Trichloroethane

Concen: 23.653 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

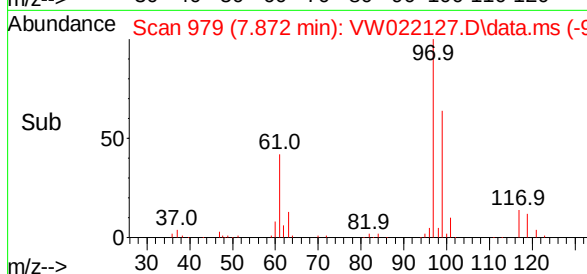
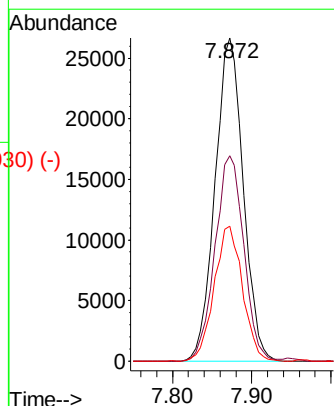
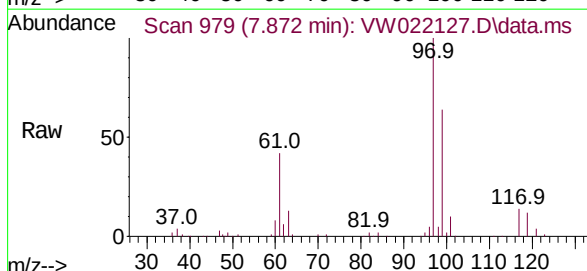
Tgt Ion: 97 Resp: 66153

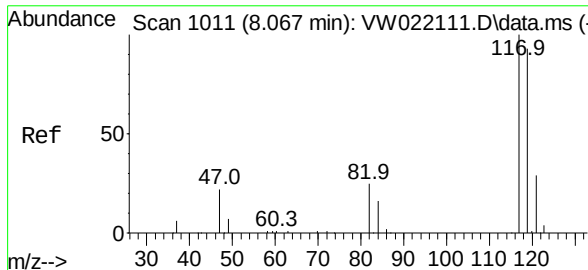
Ion Ratio Lower Upper

97 100

99 64.9 52.6 78.8

61 41.8 33.0 49.6

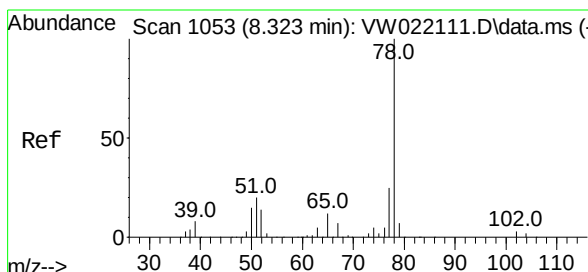
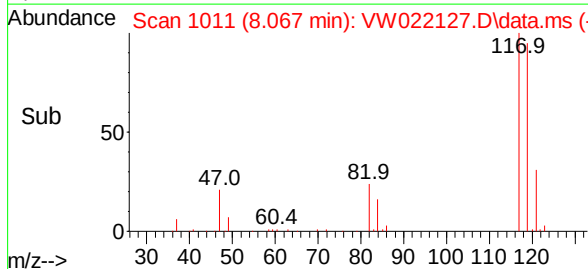
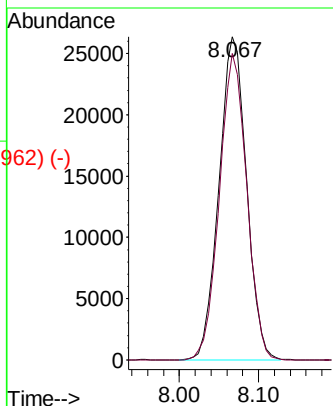
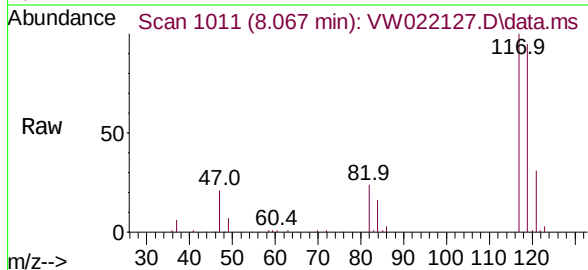




Carbon tetrachloride
Concen: 24.038 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

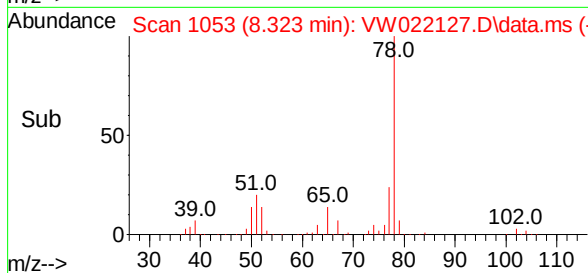
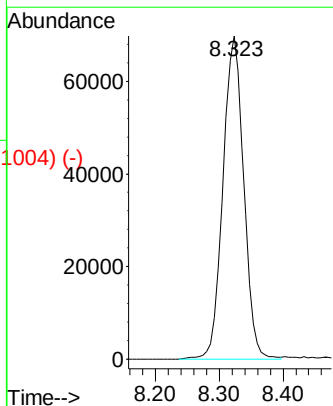
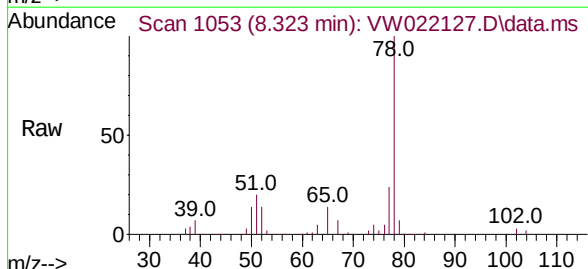
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 63895
Ion Ratio Lower Upper
117 100
119 94.0 76.7 115.1



Benzene
Concen: 23.244 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion: 78 Resp: 156224



Abundance Scan 1179 (9.092 min): VW022111.D\data.ms (-1179) (-)

Trichloroethene

Concen: 22.886 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

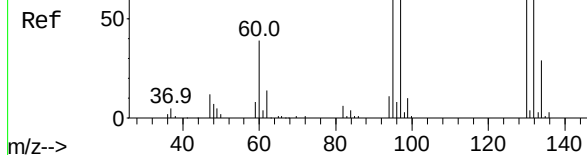
Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 44042

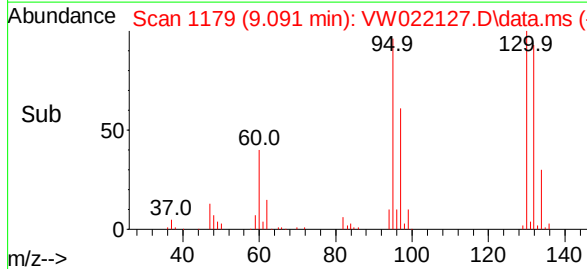
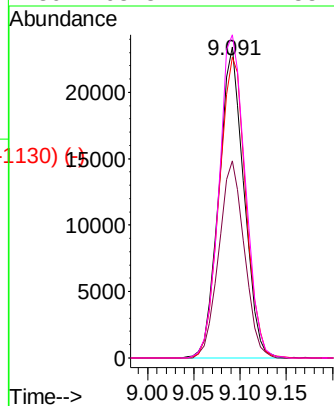
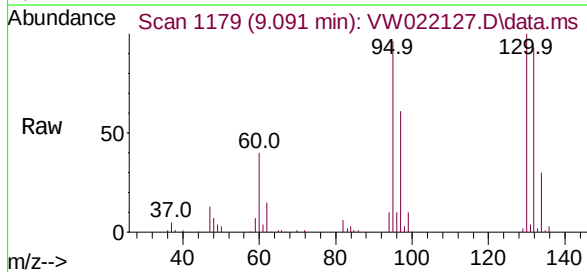
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 96.6 71.7 133.1

130 103.8 71.7 133.1



Abundance Scan 1219 (9.335 min): VW022111.D\data.ms (-1219) (-)

Methylcyclohexane

Concen: 24.559 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

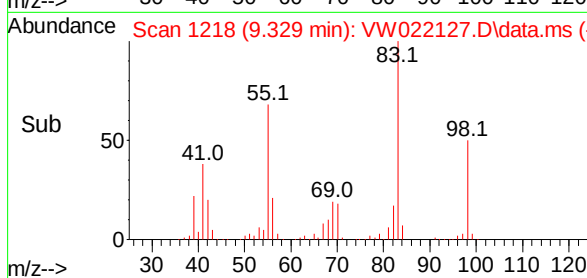
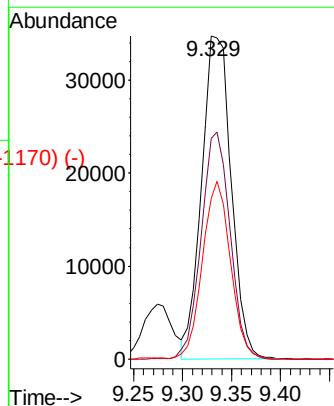
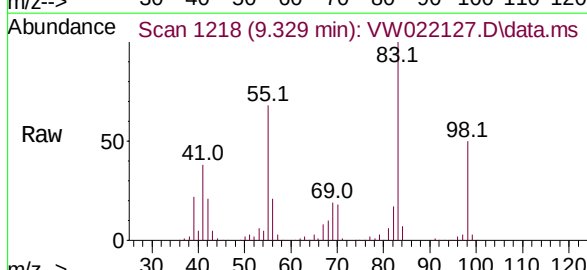
Tgt Ion: 83 Resp: 73102

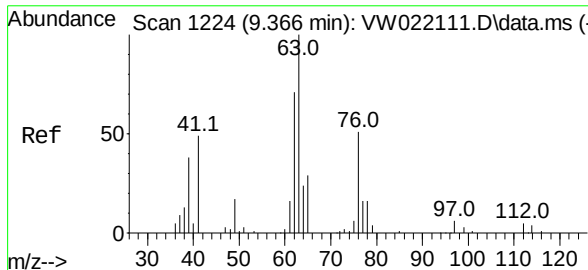
Ion Ratio Lower Upper

83 100

55 68.6 53.8 80.8

98 52.2 42.1 63.1

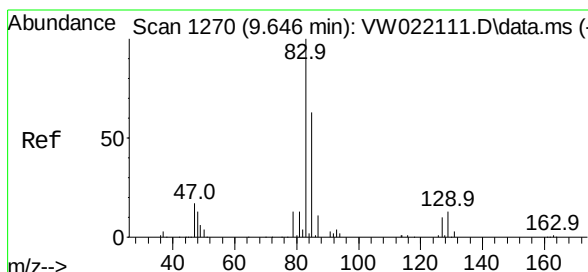
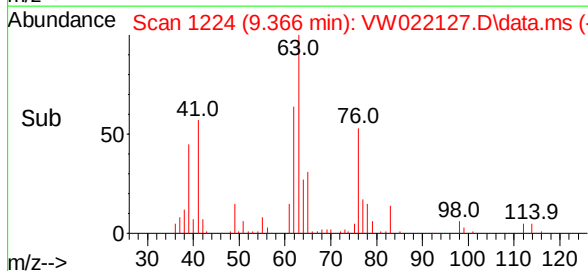
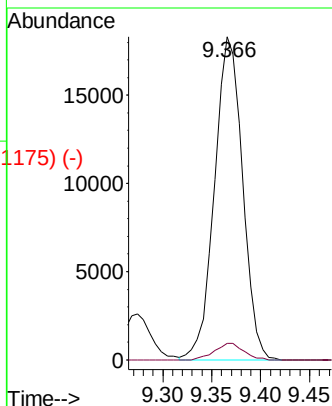
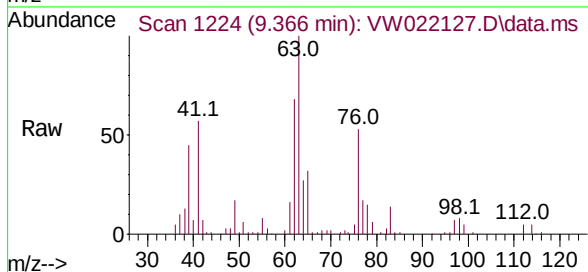




1,2-Dichloropropane
Concen: 23.299 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

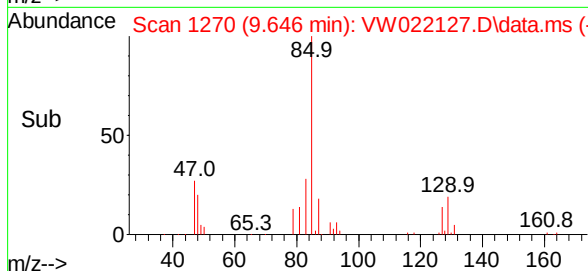
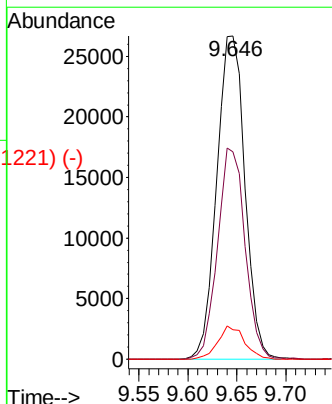
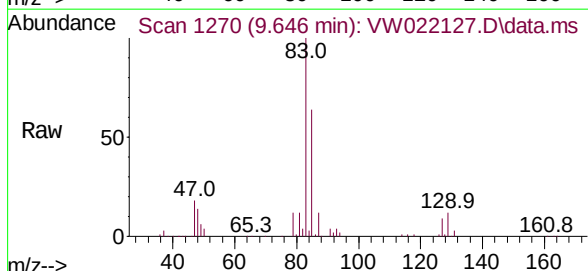
Instrument :
MSVOA_W
ClientSampleId :

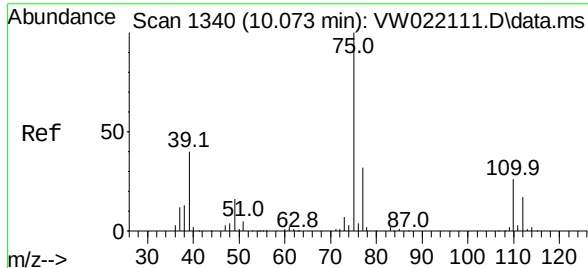
Tgt Ion: 63 Resp: 36532
Ion Ratio Lower Upper
63 100
112 5.4 4.1 6.1



Bromodichloromethane
Concen: 23.732 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion: 83 Resp: 53362
Ion Ratio Lower Upper
83 100
85 64.1 47.9 89.1
127 9.1 7.5 11.3

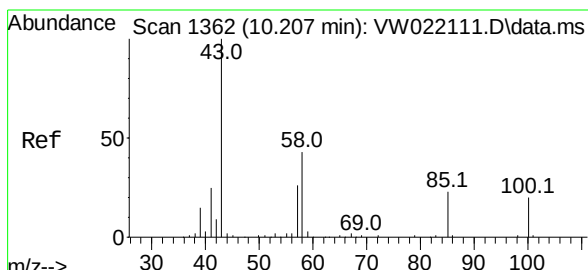
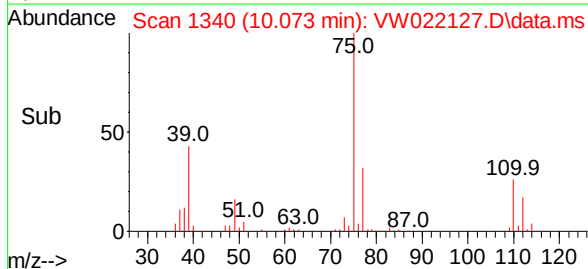
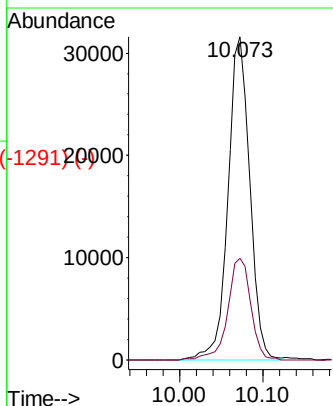
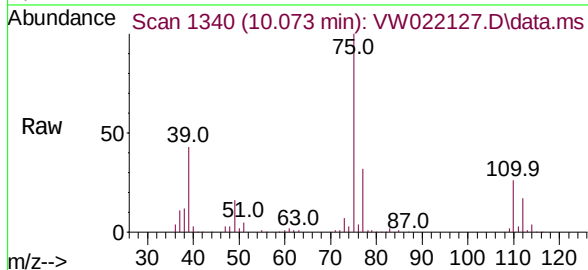




cis-1,3-Dichloropropene
Concen: 24.323 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

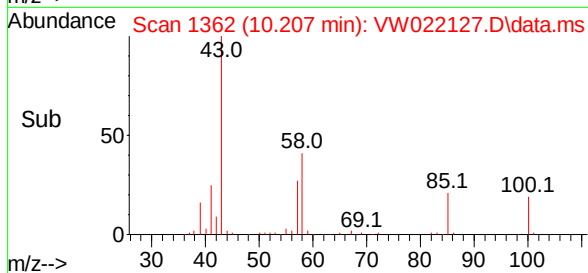
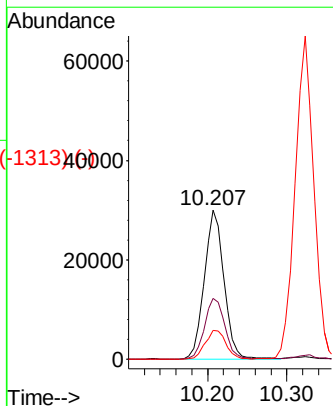
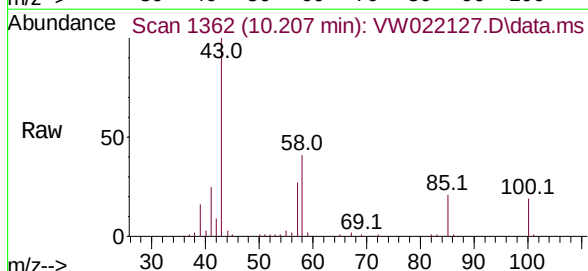
Instrument :
MSVOA_W
ClientSampleId :

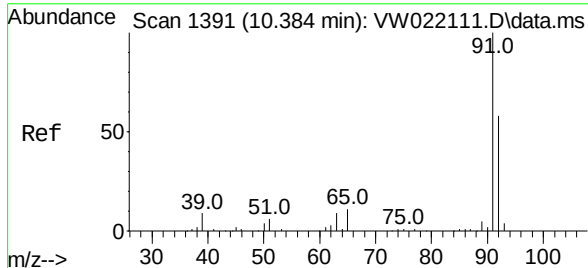
Tgt Ion: 75 Resp: 57971
Ion Ratio Lower Upper
75 100
77 31.5 20.6 38.2



4-Methyl-2-pentanone
Concen: 61.038 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion: 43 Resp: 51684
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8
100 20.2 16.1 24.1

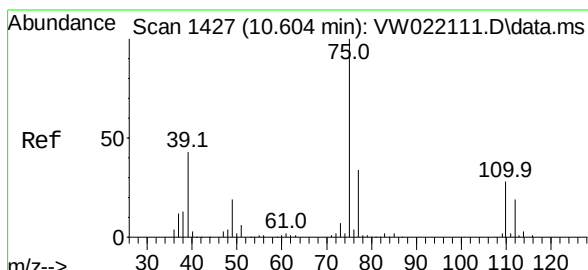
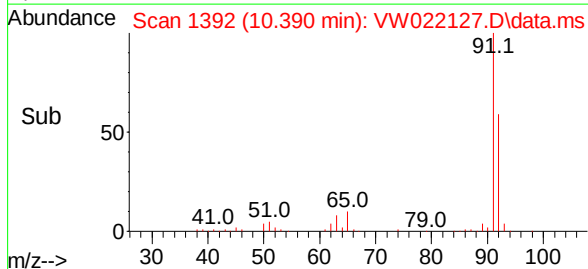
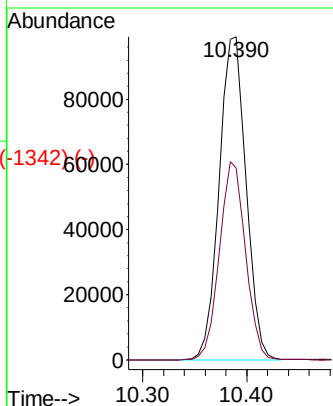
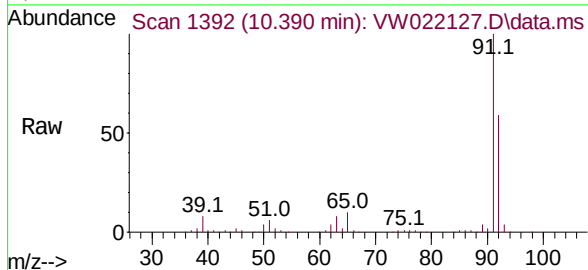




Toluene
Concen: 23.639 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

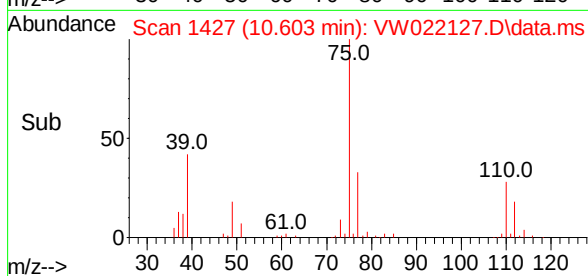
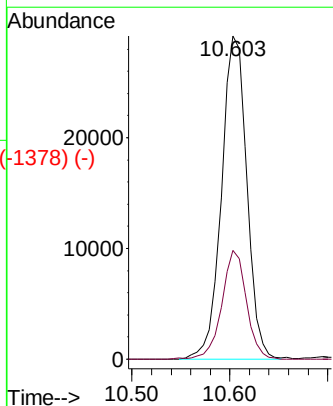
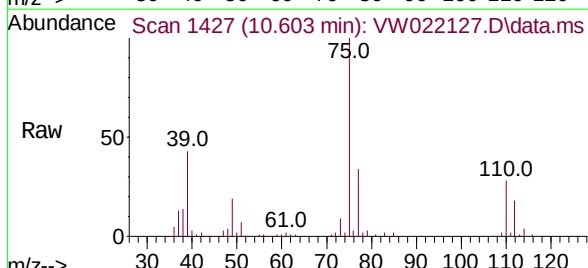
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 179821
Ion Ratio Lower Upper
91 100
92 59.4 40.4 75.0



trans-1,3-Dichloropropene
Concen: 24.559 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion: 75 Resp: 52600
Ion Ratio Lower Upper
75 100
77 33.7 22.0 40.8



Abundance Scan 1457 (10.786 min): VW022111.D\data.ms (-1445) (-)

1,1,2-Trichloroethane

Concen: 24.343 ug/L

RT: 10.786 min Scan#

Delta R.T. -0.000 min

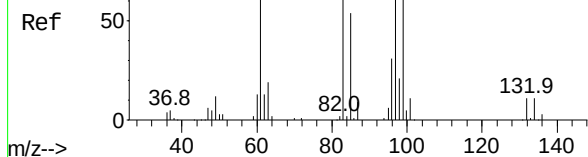
Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 33846

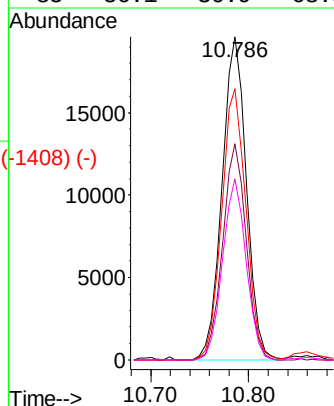
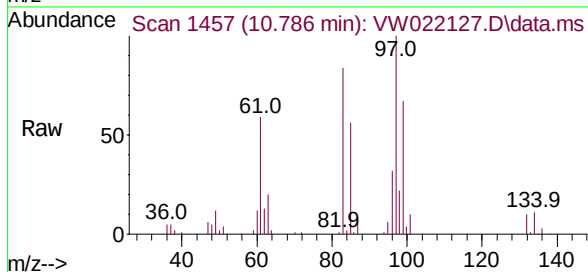
Ion Ratio Lower Upper

97 100

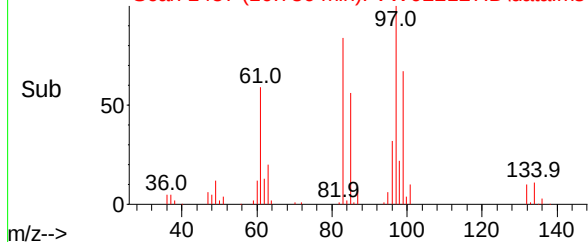
99 66.9 43.5 80.7

83 84.0 53.5 99.3

85 56.1 36.9 68.5



Abundance Scan 1457 (10.786 min): VW022127.D\data.ms (-1408) (-)



Abundance Scan 1469 (10.860 min): VW022111.D\data.ms (-1462) (-)

Tetrachloroethene

Concen: 22.711 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Tgt Ion:164 Resp: 38286

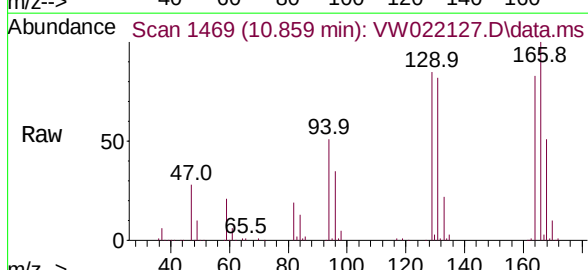
Ion Ratio Lower Upper

164 100

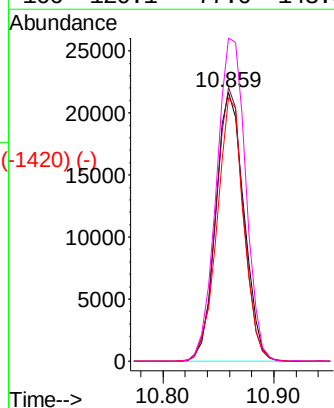
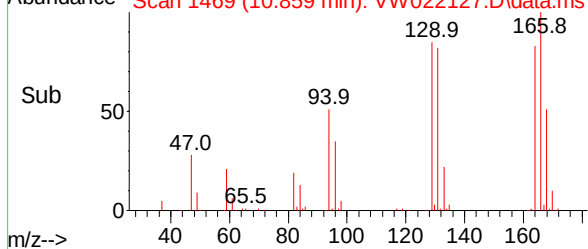
129 101.8 60.3 111.9

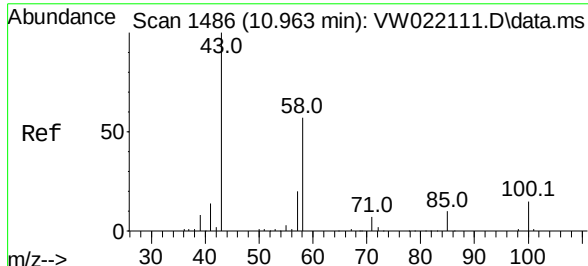
131 98.0 59.9 111.3

166 120.1 77.0 143.0



Abundance Scan 1469 (10.859 min): VW022127.D\data.ms (-1420) (-)

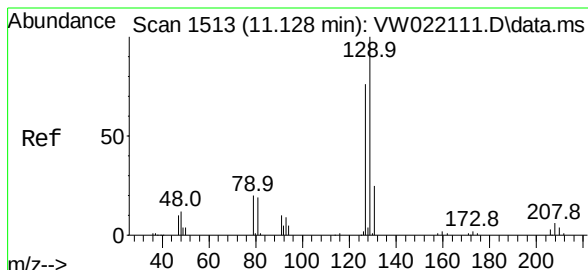
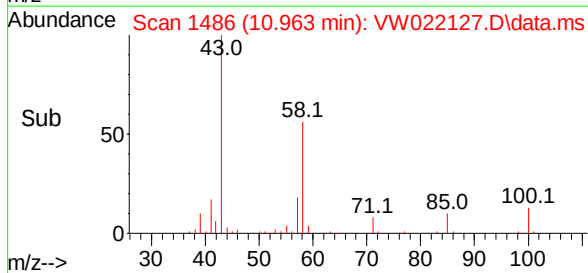
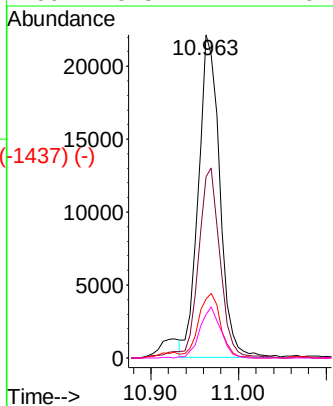
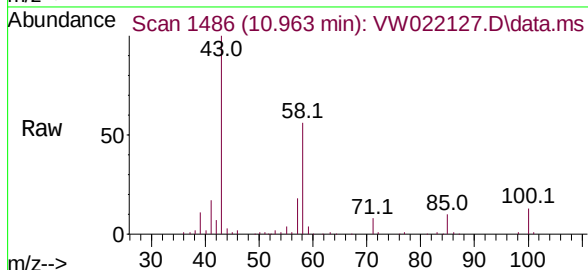




2-Hexanone
Concen: 63.625 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

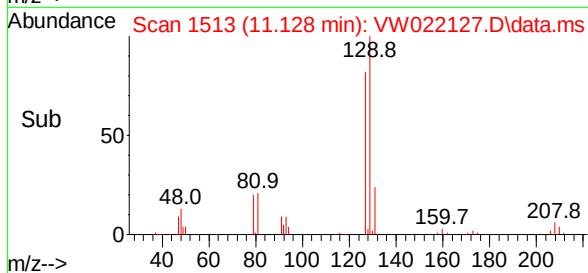
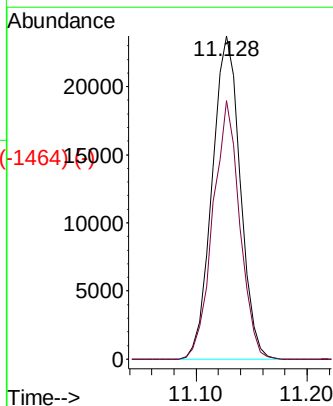
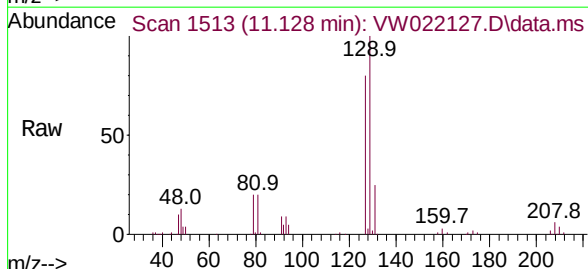
Instrument :
MSVOA_W
ClientSampleId :

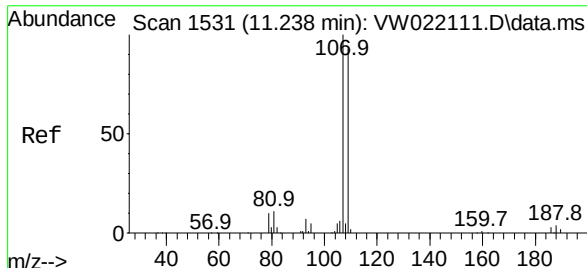
Tgt Ion:	43	Resp:	37392
Ion	Ratio	Lower	Upper
43	100		
58	58.6	44.6	66.8
57	20.8	15.8	23.8
100	15.5	12.7	19.1



Dibromochloromethane
Concen: 24.708 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion:	129	Resp:	41729
Ion	Ratio	Lower	Upper
129	100		
127	80.0	54.5	101.1





1,2-Dibromoethane

Concen: 25.353 ug/L

RT: 11.231 min Scan#

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :

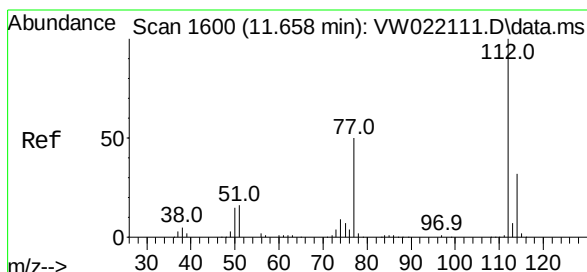
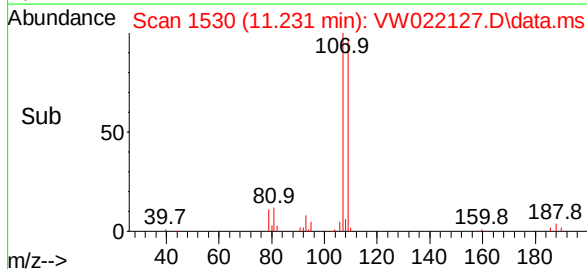
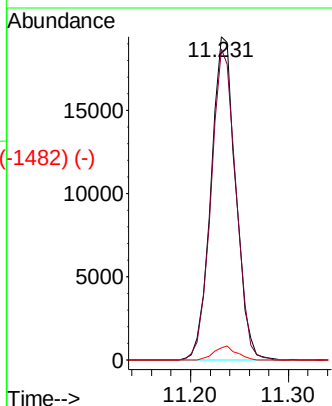
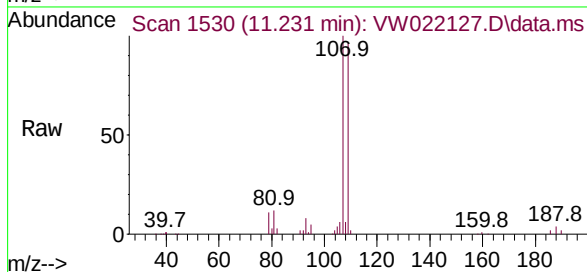
Tgt Ion:107 Resp: 34001

Ion Ratio Lower Upper

107 100

109 96.3 66.8 124.2

188 3.8 2.6 4.0



Chlorobenzene

Concen: 22.633 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

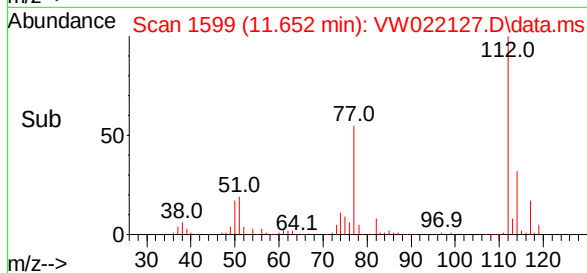
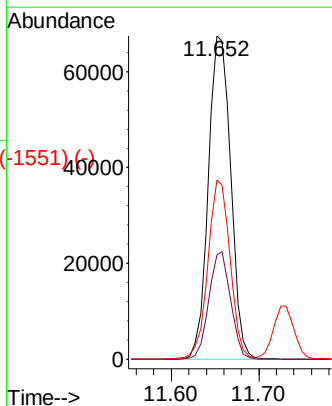
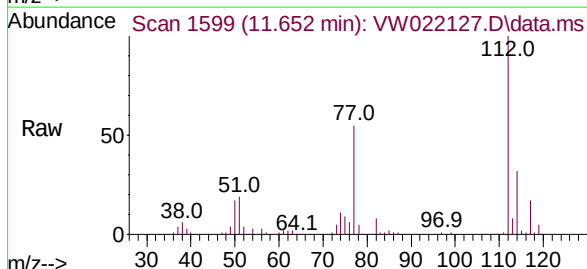
Tgt Ion:112 Resp: 119822

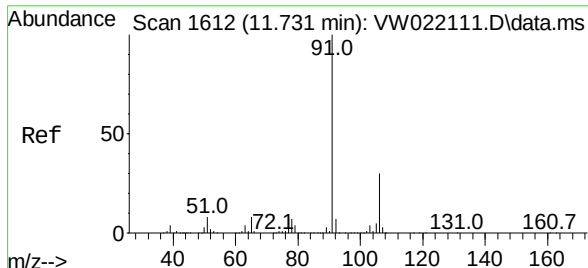
Ion Ratio Lower Upper

112 100

114 32.3 23.0 42.8

77 55.3 41.8 62.6

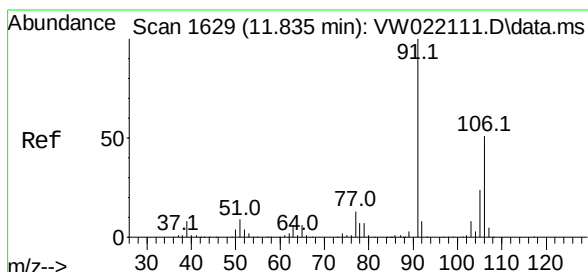
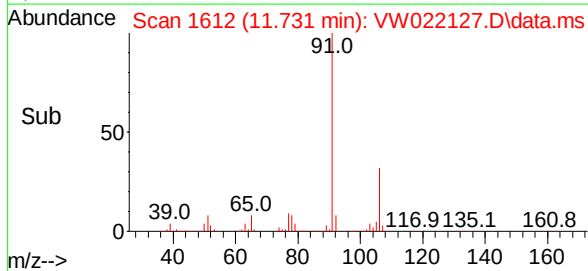
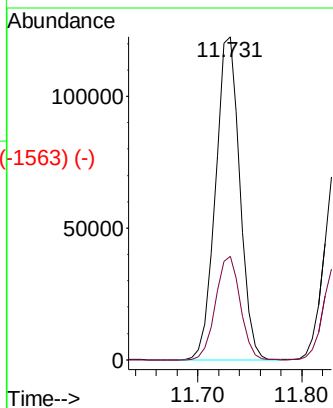
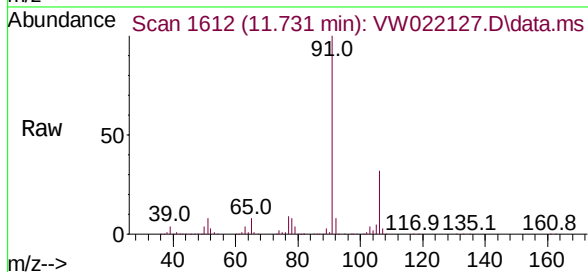




Scan 1612 (11.731 min): VW022111.D\data.ms (-1554) (-)
 Ethylbenzene
 Concen: 23.768 ug/L
 RT: 11.731 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

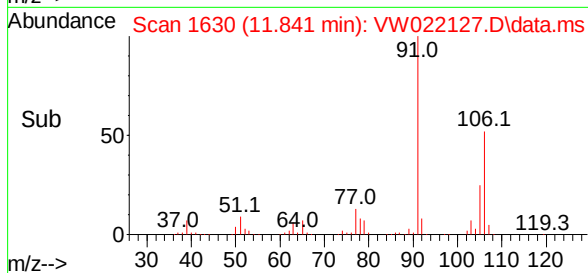
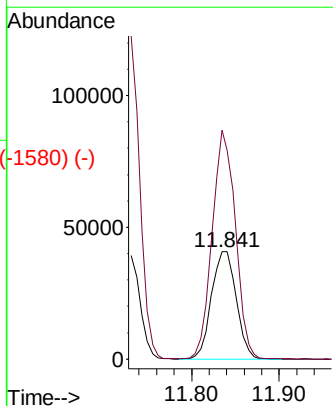
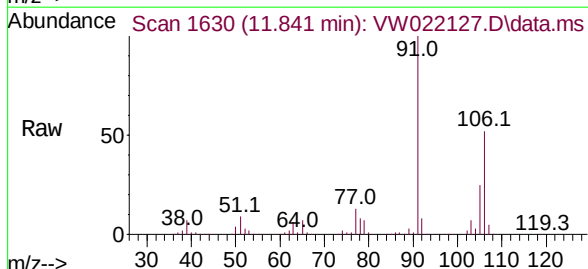
Instrument :
 MSVOA_W
 ClientSampleId :

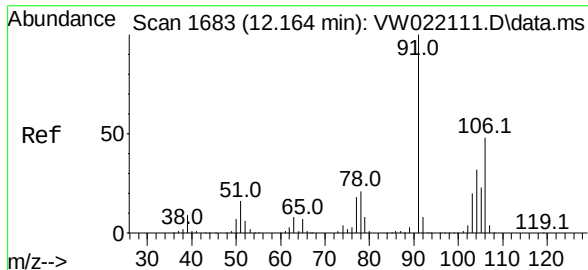
Tgt Ion: 91 Resp: 200098
 Ion Ratio Lower Upper
 91 100
 106 32.1 22.8 42.4



Scan 1629 (11.835 min): VW022111.D\data.ms (-1558) (-)
 m,p-Xylene
 Concen: 23.186 ug/L
 RT: 11.841 min Scan# 1630
 Delta R.T. 0.006 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

Tgt Ion:106 Resp: 80319
 Ion Ratio Lower Upper
 106 100
 91 194.1 135.0 250.8

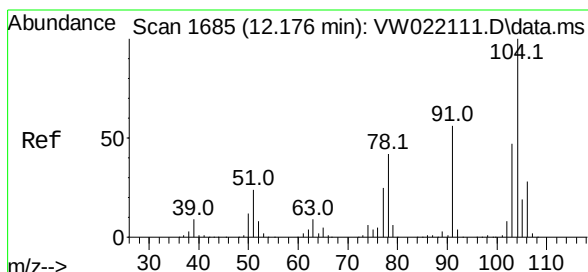
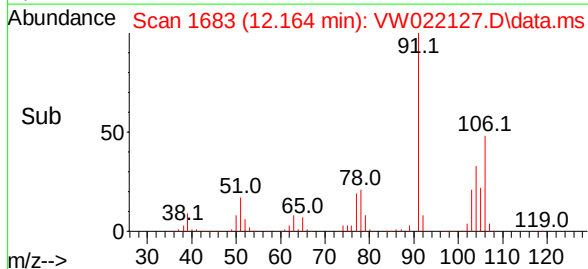
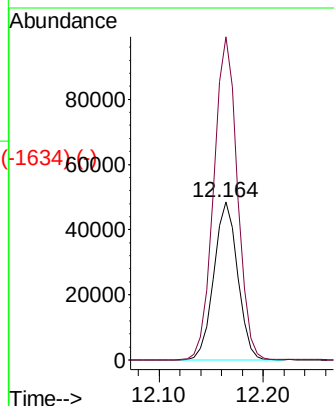
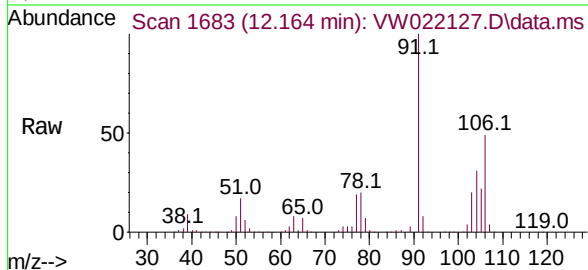




o-Xylene
Concen: 23.729 ug/L
RT: 12.164 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

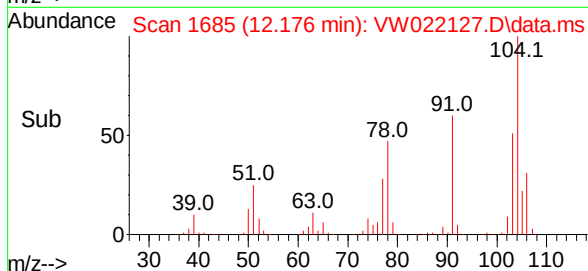
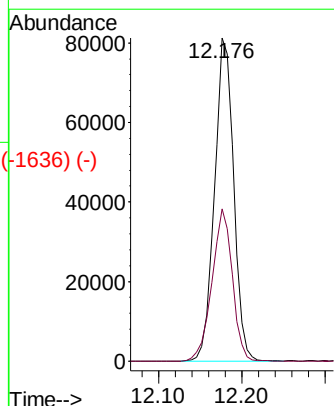
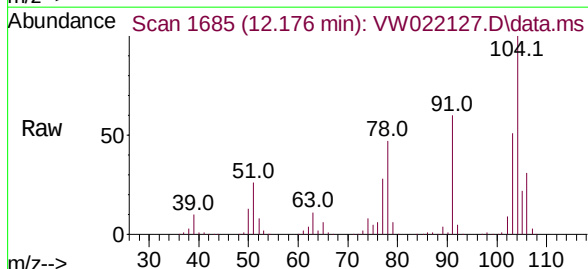
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 77343
Ion Ratio Lower Upper
106 100
91 204.5 136.9 254.3



Styrene
Concen: 23.866 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

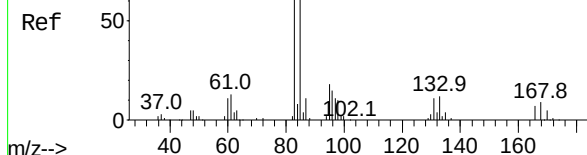
Tgt Ion:104 Resp: 130409
Ion Ratio Lower Upper
104 100
78 47.2 27.8 51.6



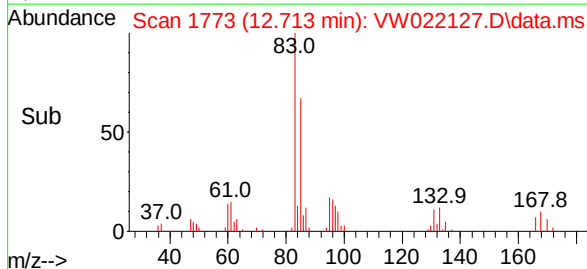
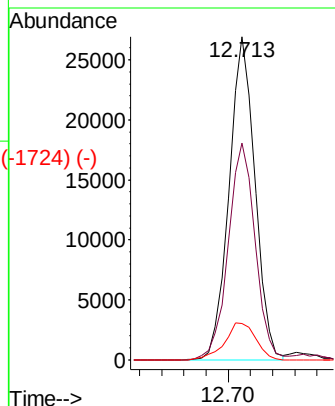
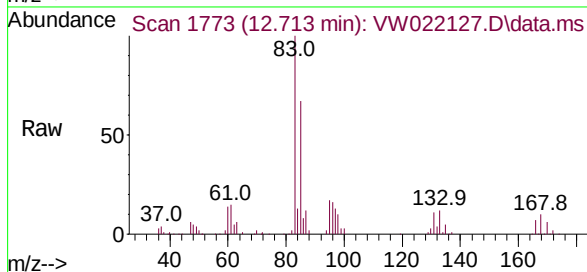
Abundance Scan 1773 (12.713 min): VW022111.D\data.ms (-1755) (-)

1,1,2,2-Tetrachloroethane
Concen: 27.010 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Instrument :
MSVOA_W
ClientSampleId :



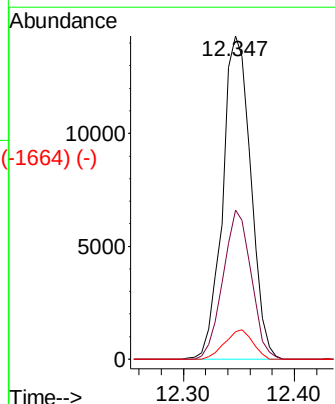
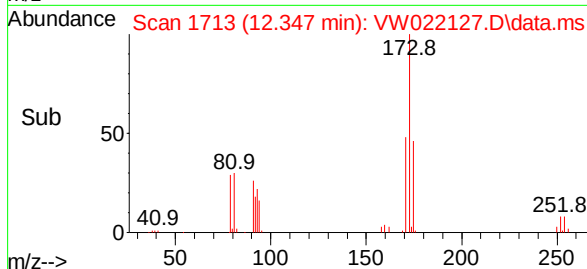
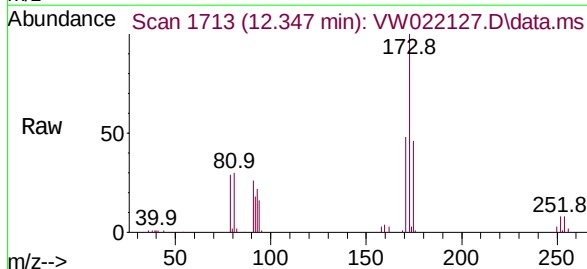
Tgt Ion:	83	Resp:	43574
Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.2	82.0
131	11.3	9.4	14.0



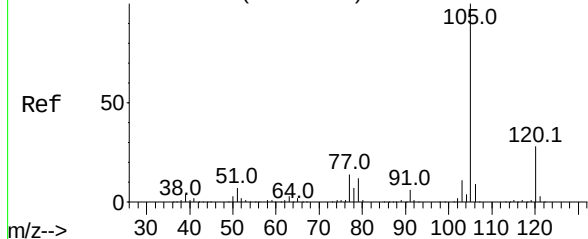
Abundance Scan 1713 (12.347 min): VW022111.D\data.ms (-1759) (-)

Bromoform
Concen: 26.653 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion:	173	Resp:	25151
Ion	Ratio	Lower	Upper
173	100		
175	46.2	38.2	57.4
254	8.9	5.0	7.6#



Abundance Scan 1732 (12.463 min): VW022111.D\data.ms (-1700) (-)



Isopropylbenzene

Concen: 25.301 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :

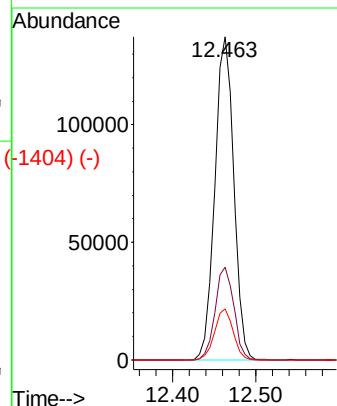
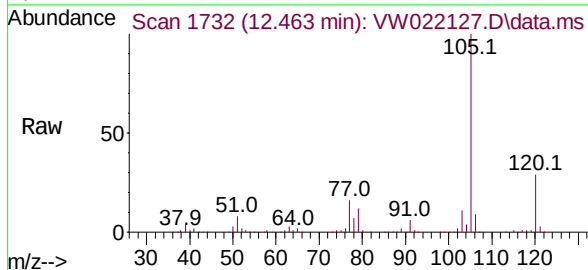
Tgt Ion:105 Resp: 216725

Ion Ratio Lower Upper

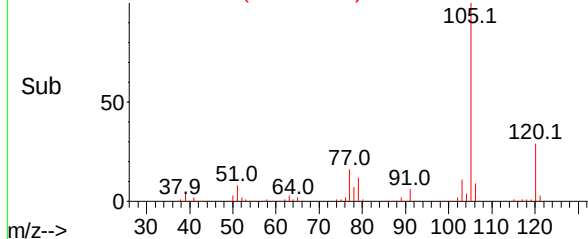
105 100

120 28.4 22.1 33.1

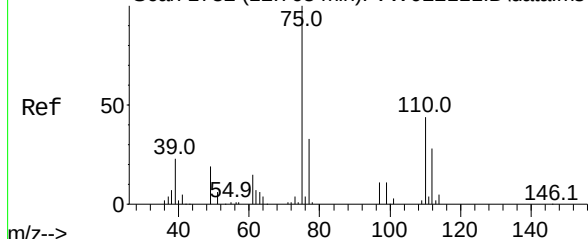
77 15.4 12.0 18.0



Abundance Scan 1732 (12.463 min): VW022127.D\data.ms (-1404) (-)



Abundance Scan 1782 (12.768 min): VW022111.D\data.ms (-1701) (-)



1,2,3-Trichloropropane

Concen: 28.699 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

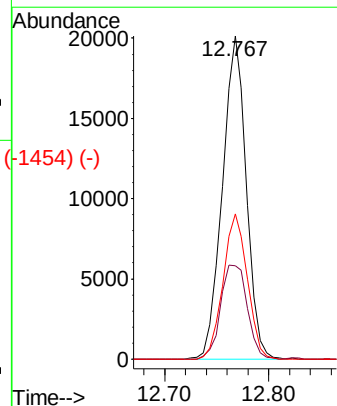
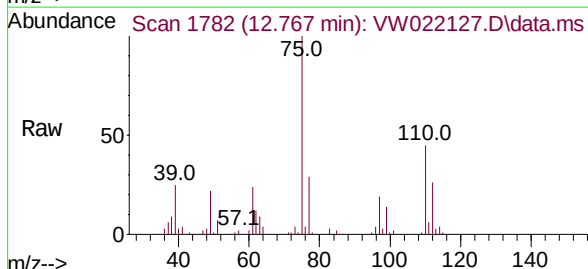
Tgt Ion: 75 Resp: 32322

Ion Ratio Lower Upper

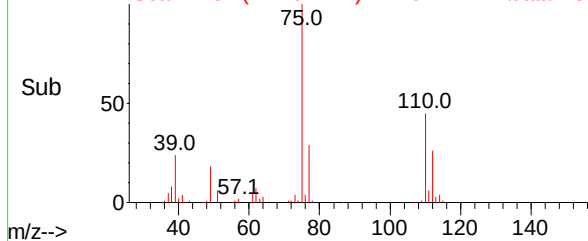
75 100

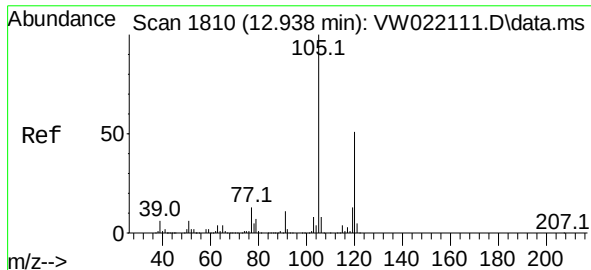
77 32.6 27.1 40.7

110 45.6 36.7 55.1



Abundance Scan 1782 (12.767 min): VW022127.D\data.ms (-1454) (-)

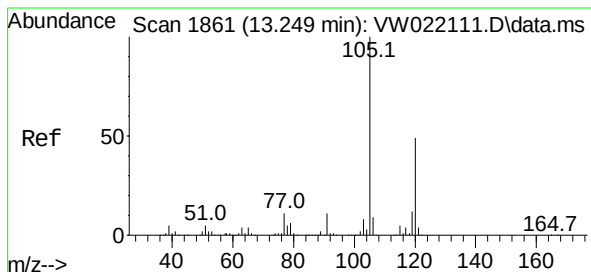
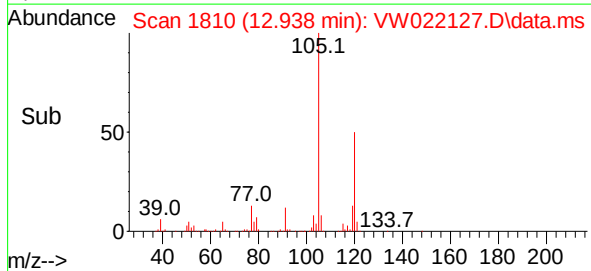
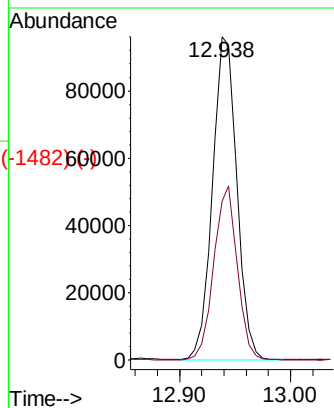
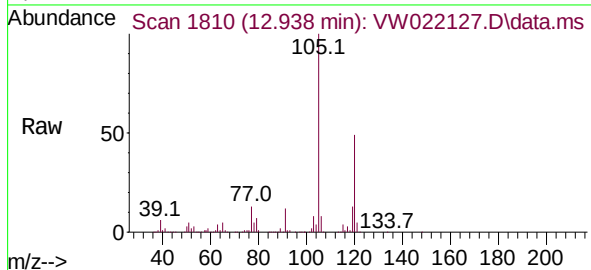




1,3,5-Trimethylbenzene
Concen: 25.804 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

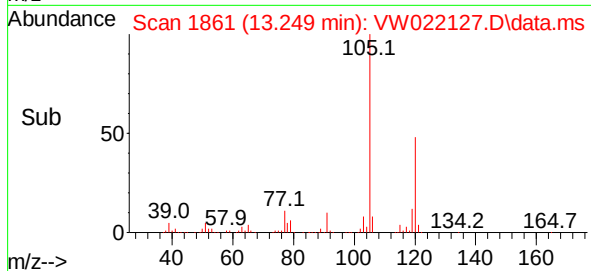
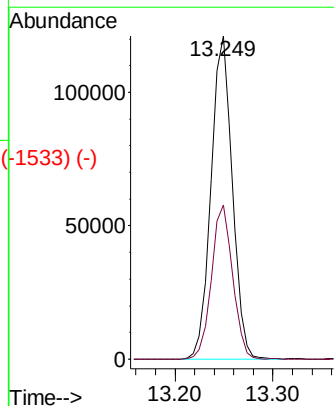
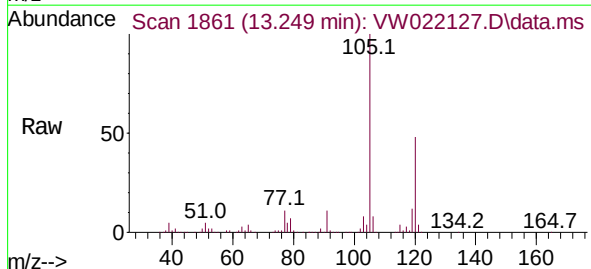
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 146981
Ion Ratio Lower Upper
105 100
120 51.9 41.5 62.3



1,2,4-Trimethylbenzene
Concen: 26.158 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion:105 Resp: 182090
Ion Ratio Lower Upper
105 100
120 47.3 39.2 58.8



Abundance Scan 1901 (13.493 min): VW022111.D\data.ms (-1854) (-)

1,3-Dichlorobenzene

Concen: 22.531 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

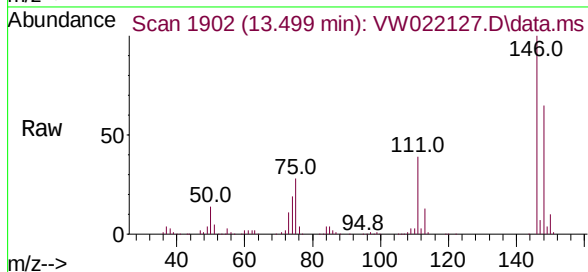
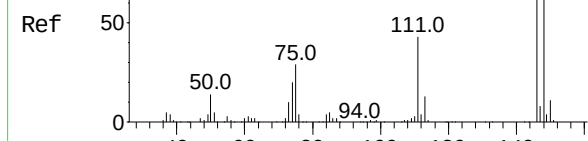
Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

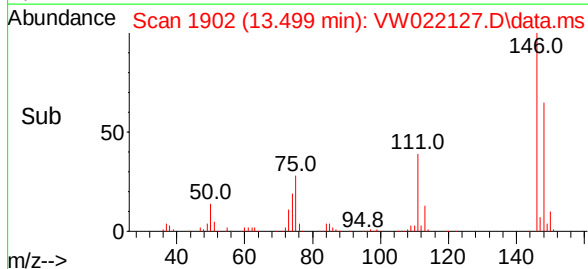
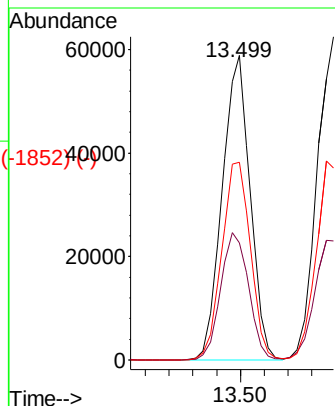
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	146	Resp:	95741
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.9	49.9
148	64.8	41.6	77.2



Abundance Scan 1914 (13.573 min): VW022111.D\data.ms (-1855) (-)

1,4-Dichlorobenzene

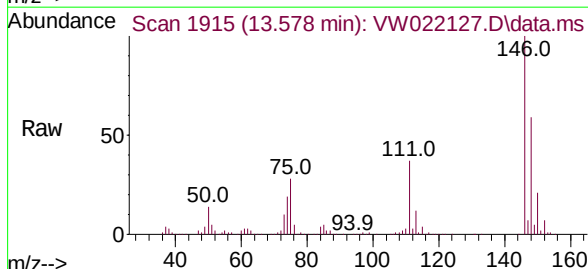
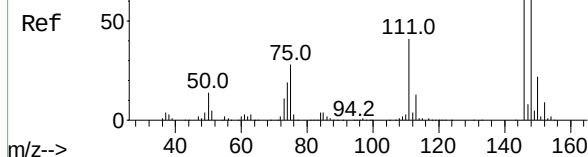
Concen: 23.099 ug/L

RT: 13.578 min Scan# 1915

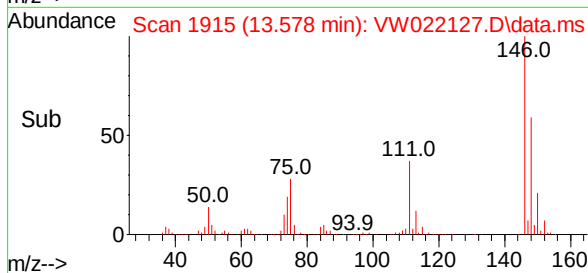
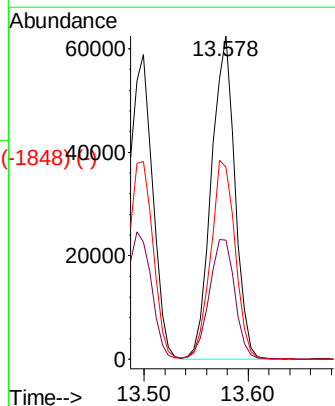
Delta R.T. 0.006 min

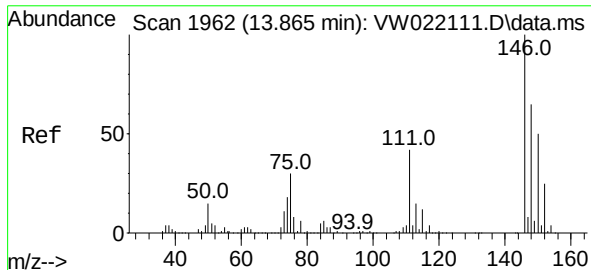
Lab File: VW022127.D

Acq: 23 Feb 2022 23:02



Tgt Ion:	146	Resp:	98360
Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.5	51.1
148	59.4	42.9	79.7

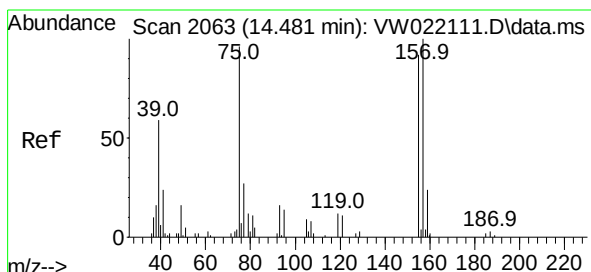
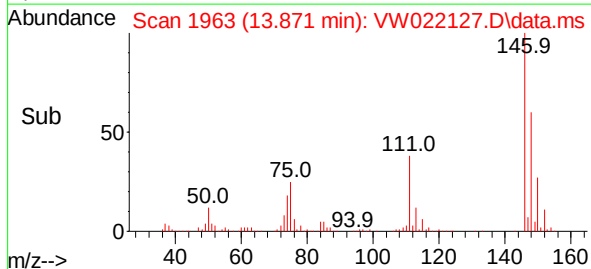
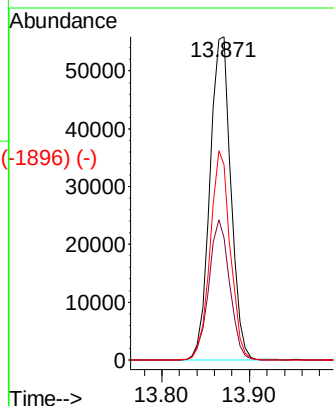
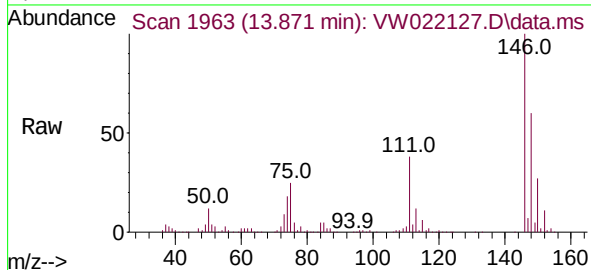




1,2-Dichlorobenzene
Concen: 24.617 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

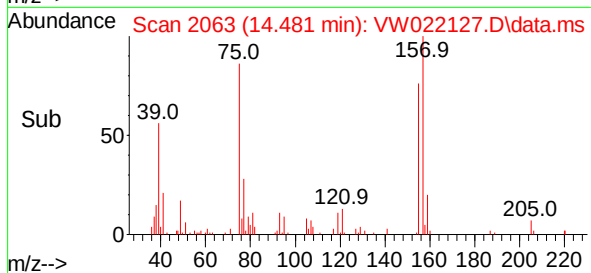
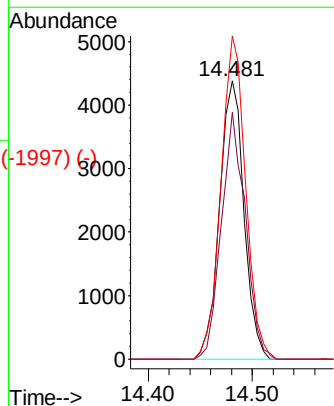
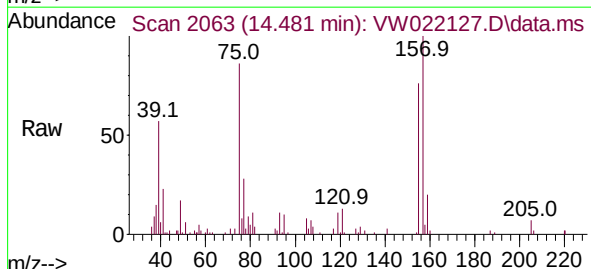
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	146	Resp:	93002
Ion	Ratio	Lower	Upper
146	100		
111	37.7	34.8	52.2
148	60.3	50.4	75.6



1,2-Dibromo-3-chloropropane
Concen: 30.220 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022127.D
Acq: 23 Feb 2022 23:02

Tgt Ion:	75	Resp:	7195
Ion	Ratio	Lower	Upper
75	100		
155	88.7	58.2	87.2#
157	116.1	80.5	120.7



Abundance Scan 2087 (14.627 min): VW022111.D\data.ms (-2079) (-)

1,3,5-Trichlorobenzene

Concen: 22.568 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

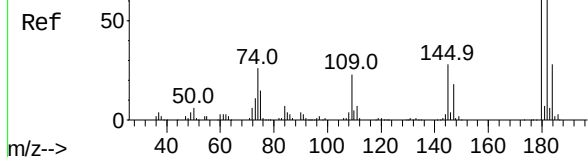
Lab File: VW022127.D

Acq: 23 Feb 2022 23:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68832

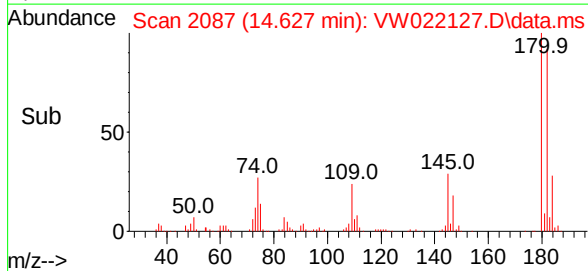
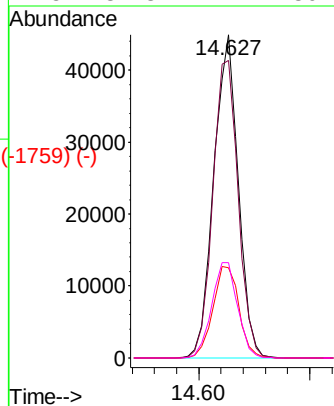
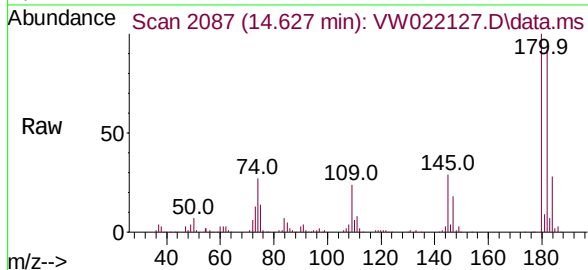
Ion Ratio Lower Upper

180 100

182 95.4 69.4 104.0

184 30.1 21.8 32.8

145 31.3 24.1 36.1



Abundance Scan 2169 (15.127 min): VW022111.D\data.ms (-2169) (-)

1,2,4-trichlorobenzene

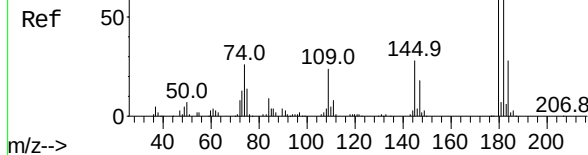
Concen: 24.137 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022127.D

Acq: 23 Feb 2022 23:02



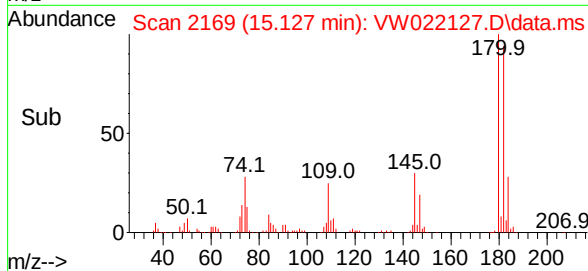
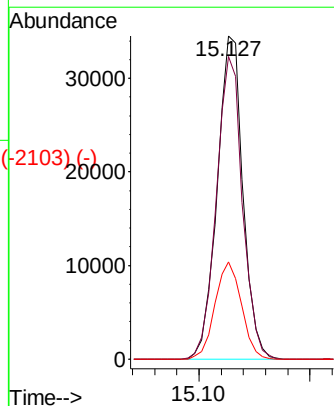
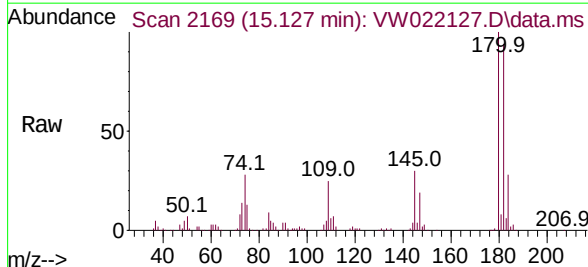
Tgt Ion:180 Resp: 55701

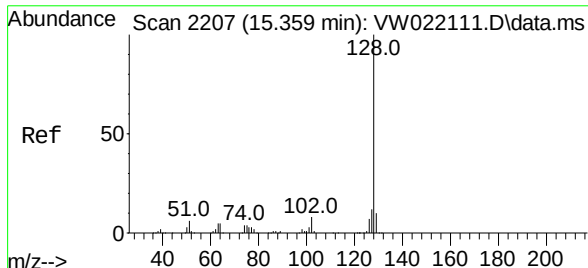
Ion Ratio Lower Upper

180 100

182 94.9 77.8 116.6

145 30.9 25.8 38.6

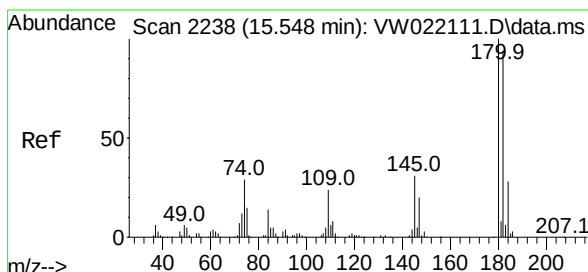
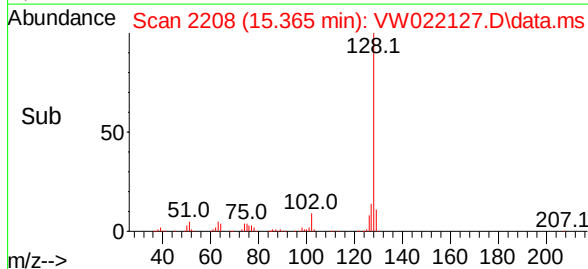
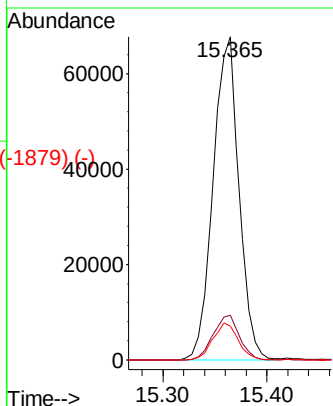
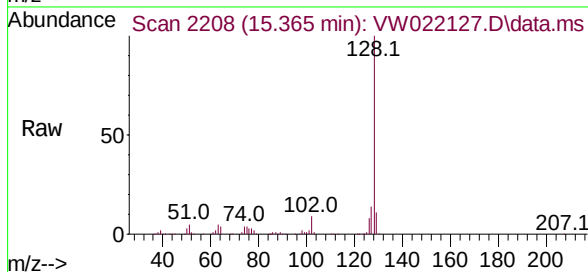




Scan 2207 (15.359 min): VW022111.D\data.ms (-2270) (-)
 Naphthalene
 Concen: 28.886 ug/L
 RT: 15.365 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	117674
Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.6
129	11.2	8.9	13.3



Scan 2238 (15.548 min): VW022111.D\data.ms (-2270) (-)
 1,2,3-Trichlorobenzene
 Concen: 24.029 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW022127.D
 Acq: 23 Feb 2022 23:02

Tgt Ion:	180	Resp:	47962
Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.4
145	35.6	28.0	42.0

