

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029263.D
 Acq On : 22 Nov 2022 15:26
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	296907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	263392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	123413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12284	0.434	ug/L	0.00
7) Chloroethane-d5	1.564	69	10077	0.455	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	21236	0.440	ug/L	0.00
20) 2-Butanone-d5	3.924	46	13930	3.332	ug/L	0.01
24) Chloroform-d	4.339	84	17359	0.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	7530	0.396	ug/L	0.00
32) Benzene-d6	5.043	84	36005	0.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	11666	0.430	ug/L	0.00
41) Toluene-d8	7.307	98	31364	0.405	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	3367	0.373	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	4740	3.003	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	5329	0.395	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	10099	0.424	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11179	0.451	ug/L	92
3) Chloromethane	1.236	50	18546	0.544	ug/L	98
5) Vinyl chloride	1.307	62	15127	0.463	ug/L	98
6) Bromomethane	1.519	94	8962	0.496	ug/L	99
8) Chloroethane	1.581	64	8839	0.451	ug/L	93
9) Trichlorofluoromethane	1.748	101	17354	0.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	10514	0.475	ug/L	95
12) 1,1-Dichloroethene	2.114	96	10625	0.485	ug/L	89
13) Acetone	2.195	43	16390	4.726	ug/L	98
14) Carbon disulfide	2.288	76	29337	0.474	ug/L	98
15) Methyl Acetate	2.439	43	3698	0.411	ug/L #	66
16) Methylene chloride	2.500	84	23990	0.696	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	21194	0.440	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	10990	0.494	ug/L	97
19) 1,1-Dichloroethane	3.179	63	20932	0.467	ug/L	100
21) 2-Butanone	4.002	43	15108	2.752	ug/L	82
22) cis-1,2-Dichloroethene	3.902	96	11112	0.457	ug/L	96
23) Bromochloromethane	4.236	128	3994	0.440	ug/L	85
25) Chloroform	4.362	83	19702	0.462	ug/L	98
27) 1,2-Dichloroethane	5.124	62	10479	0.448	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	15493	0.444	ug/L	96
30) Cyclohexane	4.664	56	19152	0.454	ug/L #	93
31) Carbon tetrachloride	4.812	117	12670	0.456	ug/L	100
33) Benzene	5.088	78	43228	0.451	ug/L	100
34) Trichloroethene	5.905	95	11750	0.466	ug/L	94
35) Methylcyclohexane	6.124	83	18319	0.449	ug/L	98
37) 1,2-Dichloropropane	6.166	63	11050	0.444	ug/L #	97
38) Bromodichloromethane	6.500	83	12577	0.452	ug/L	95
39) cis-1,3-Dichloropropene	7.021	75	12303	0.382	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	50908	4.054	ug/L	99
42) Toluene	7.381	91	44010	0.446	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	9811	0.396	ug/L	94

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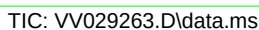
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

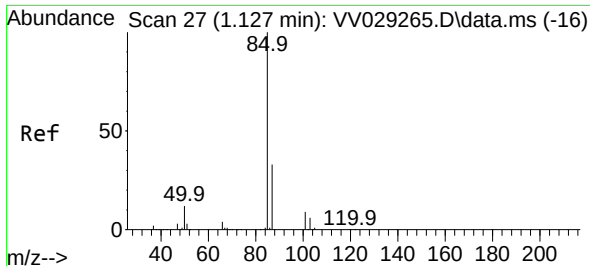
45) 1,1,2-Trichloroethane	7.828	97	6698	0.454	ug/L	98
47) Tetrachloroethene	7.966	164	7395	0.446	ug/L	96
48) 2-Hexanone	8.140	43	35932	3.721	ug/L	95
49) Dibromochloromethane	8.236	129	6814	0.442	ug/L	95
50) 1,2-Dibromoethane	8.349	107	5240	0.420	ug/L	94
51) Chlorobenzene	8.873	112	27635	0.461	ug/L	98
52) Ethylbenzene	9.001	91	46719	0.440	ug/L	96
53) m,p-Xylene	9.130	106	17861	0.453	ug/L	97
54) o-Xylene	9.532	106	17374	0.451	ug/L	97
55) Styrene	9.554	104	28302	0.429	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	5470	0.415	ug/L #	95
59) Bromoform	9.722	173	3268	0.451	ug/L #	91
60) Isopropylbenzene	9.921	105	45700	0.459	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	5452	0.462	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.529	105	38697	0.458	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	37210	0.443	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	20684	0.475	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	20815	0.488	ug/L	95
67) 1,2-Dichlorobenzene	11.632	146	18001	0.456	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	862	0.486	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	16423	0.484	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	12849	0.488	ug/L	99
71) Naphthalene	13.493	128	5265	0.566	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.734	180	10617	0.501	ug/L	97

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

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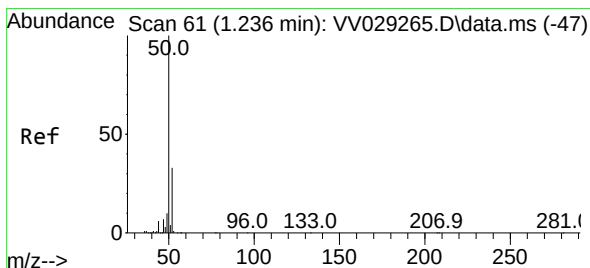
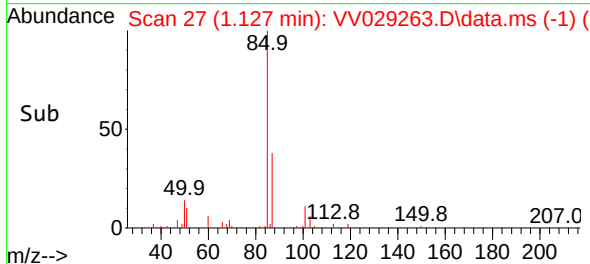
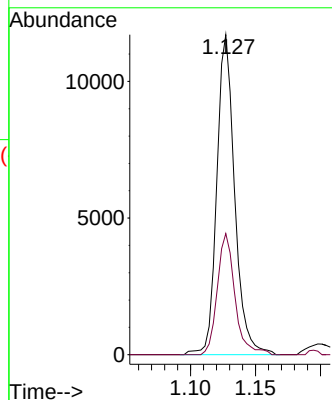
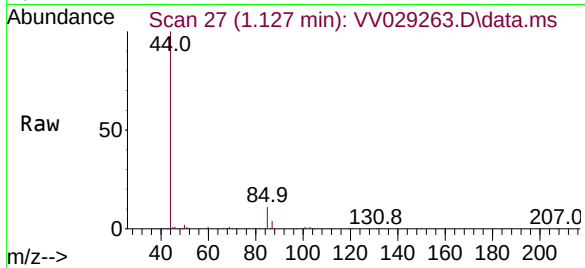




#2
Dichlorodifluoromethane
Concen: 0.451 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
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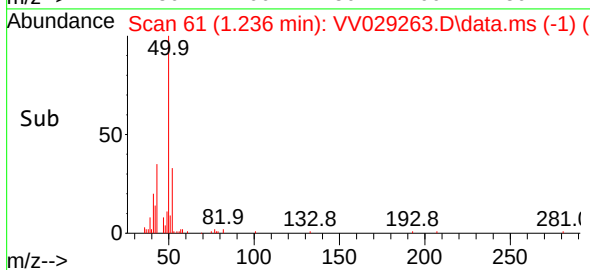
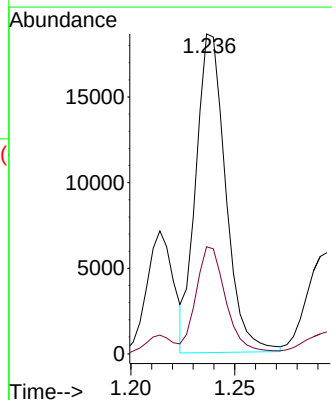
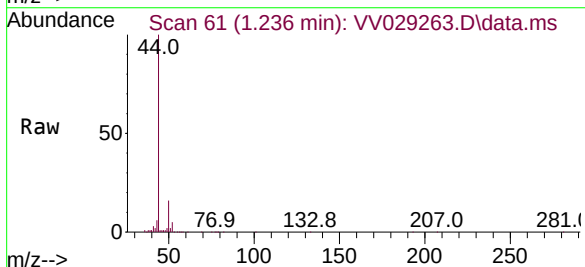
Instrument :
MSVOA_V
ClientSampleId :

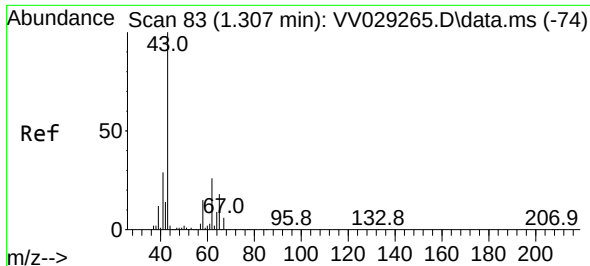
Tgt Ion: 85 Resp: 11179
Ion Ratio Lower Upper
85 100
87 37.3 26.3 39.5



#3
Chloromethane
Concen: 0.544 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

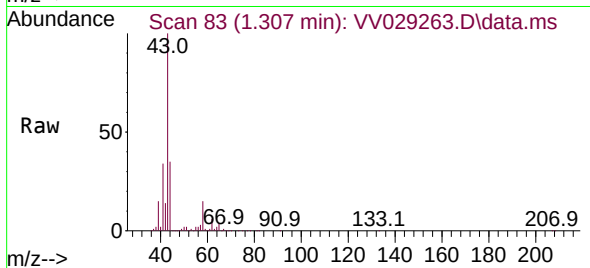
Tgt Ion: 50 Resp: 18546
Ion Ratio Lower Upper
50 100
52 33.5 22.8 42.4



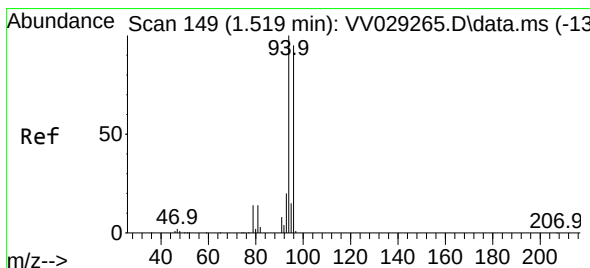
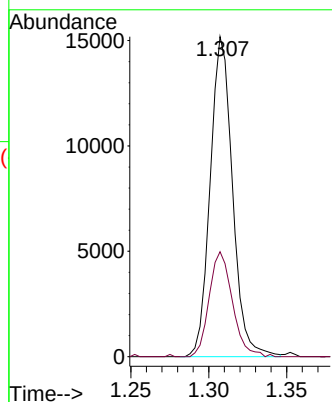
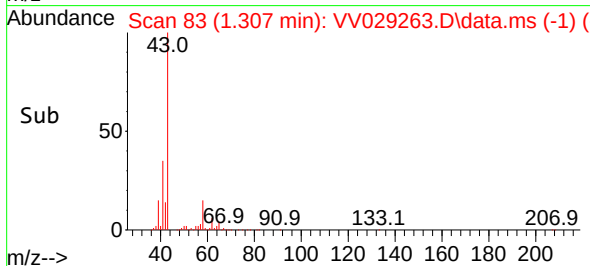


#5
 Vinyl chloride
 Concen: 0.463 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

Instrument :
 MSVOA_V
 ClientSampleId :

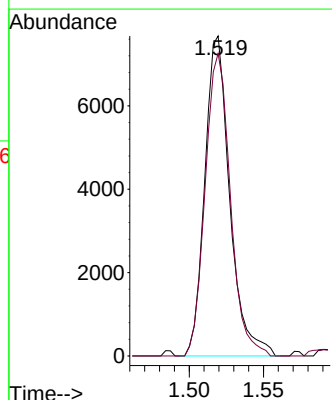
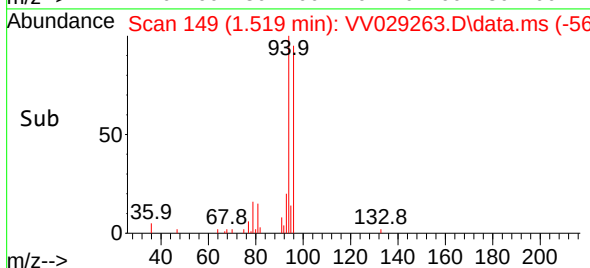
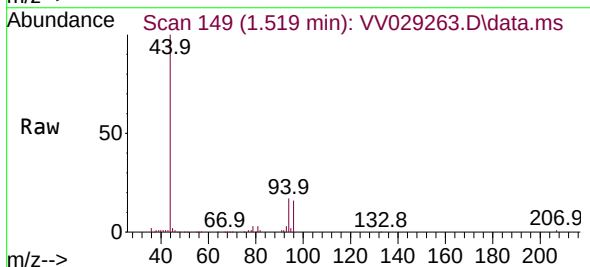


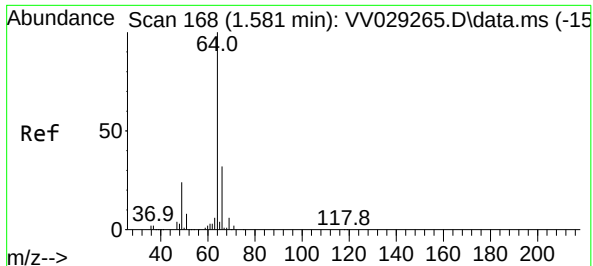
Tgt Ion: 62 Resp: 15127
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#6
 Bromomethane
 Concen: 0.496 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

Tgt Ion: 94 Resp: 8962
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.8 124.2

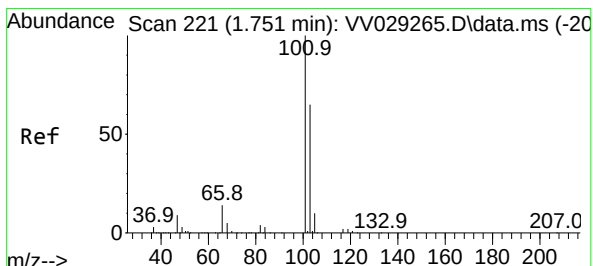
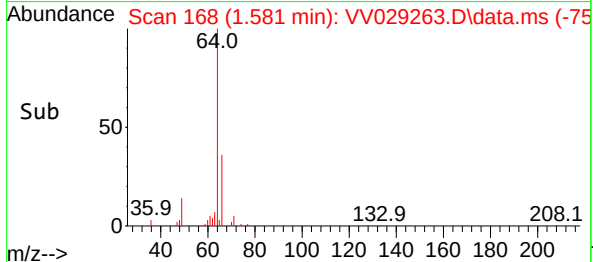
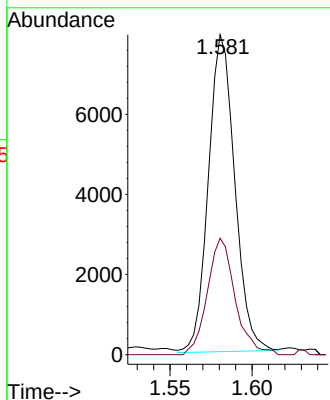
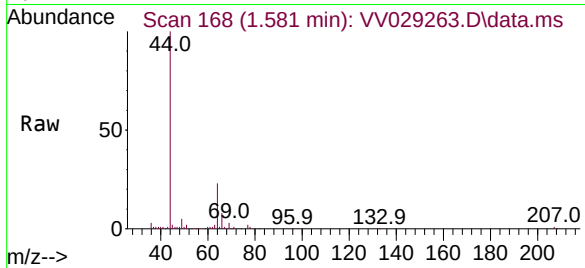




#8
Chloroethane
Concen: 0.451 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

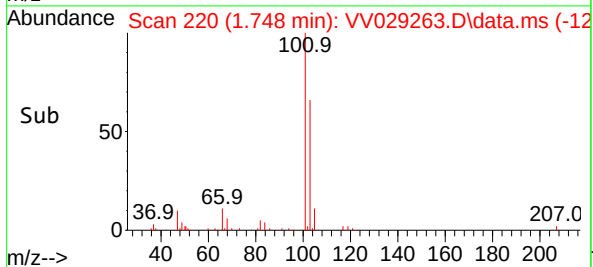
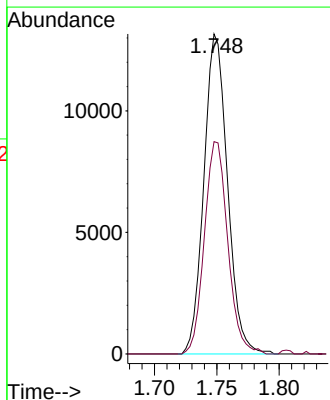
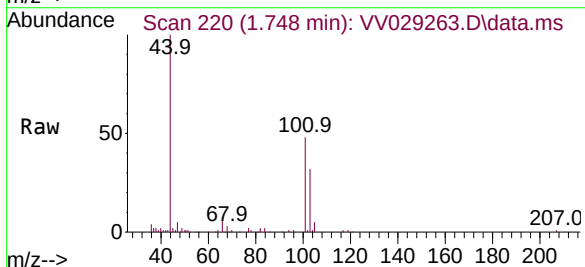
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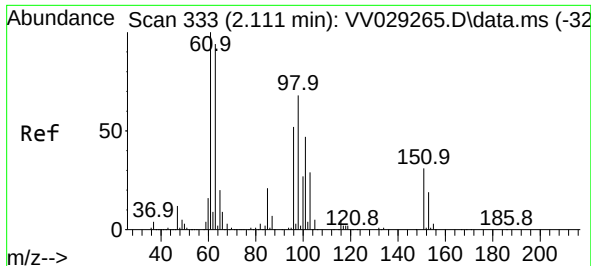
Tgt Ion: 64 Resp: 8839
Ion Ratio Lower Upper
64 100
66 36.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.465 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 101 Resp: 17354
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

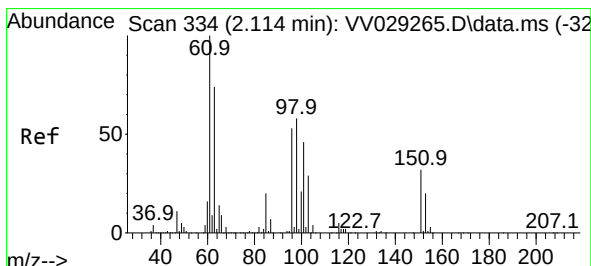
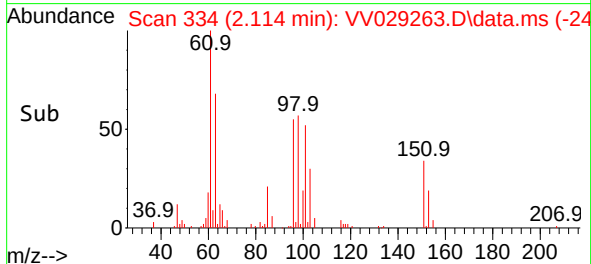
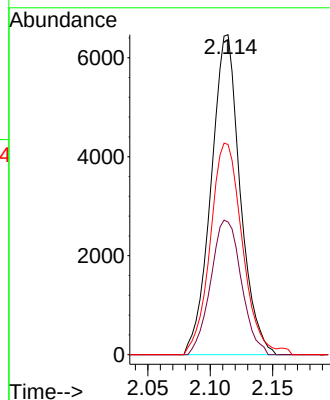
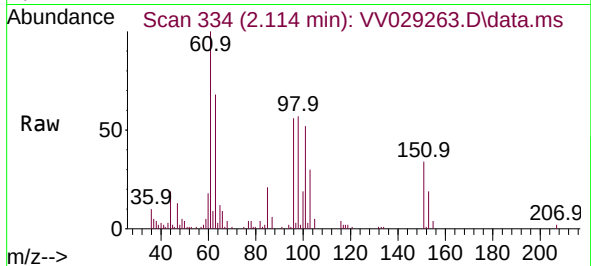




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.475 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

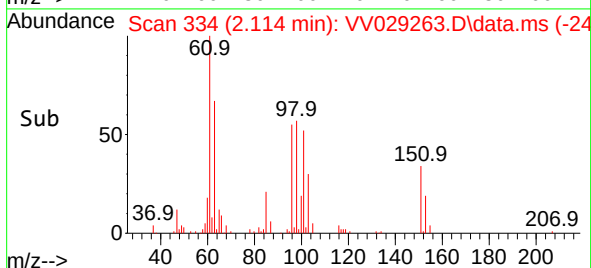
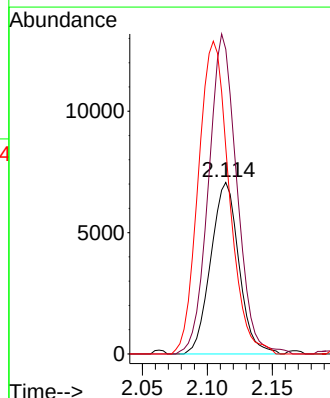
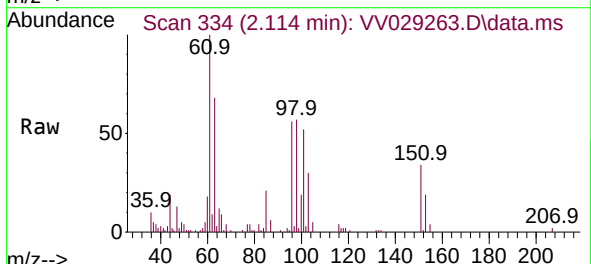
Instrument :
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 ClientSampleId :

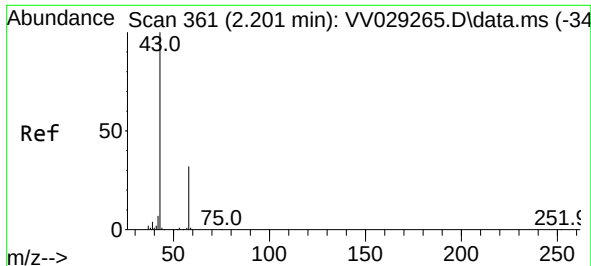
Tgt Ion:101 Resp: 10514
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.7 52.1
 151 73.1 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 0.485 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

Tgt Ion: 96 Resp: 10625
 Ion Ratio Lower Upper
 96 100
 61 177.6 131.9 245.0
 63 120.2 98.6 183.0

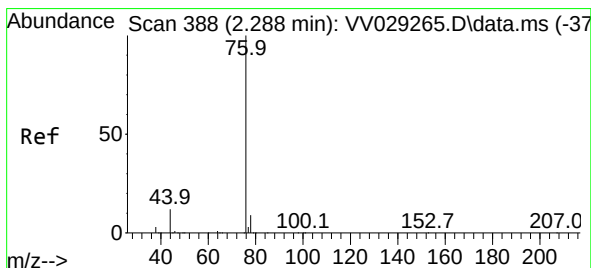
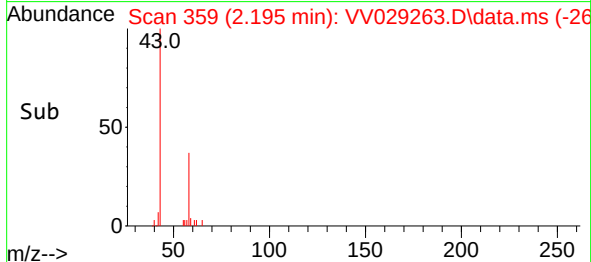
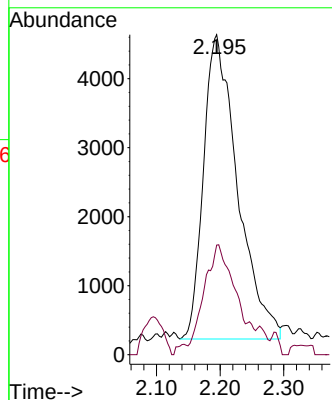
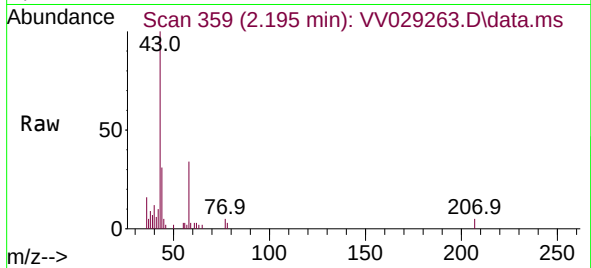




#13
Acetone
Concen: 4.726 ug/L
RT: 2.195 min Scan# 361
Delta R.T. -0.006 min
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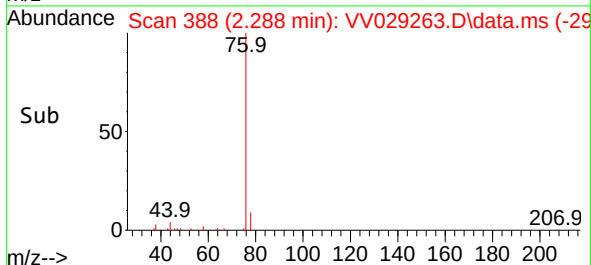
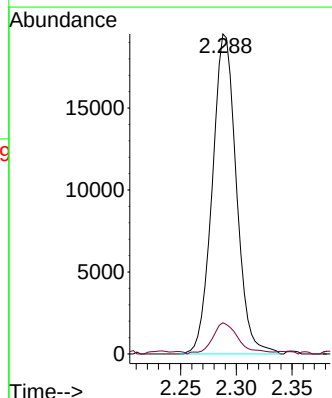
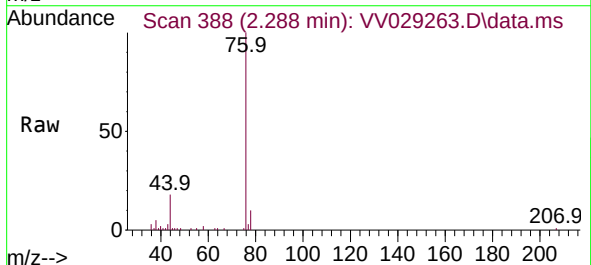
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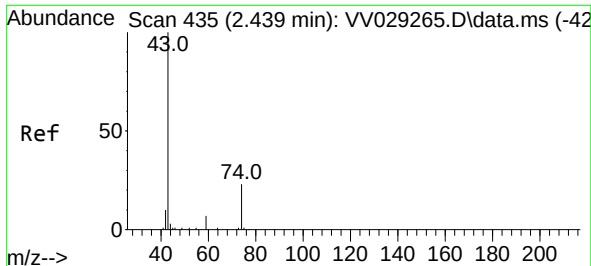
Tgt Ion: 43 Resp: 16390
Ion Ratio Lower Upper
43 100
58 31.4 0.0 65.2



#14
Carbon disulfide
Concen: 0.474 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
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Acq: 22 Nov 2022 15:26

Tgt Ion: 76 Resp: 29337
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

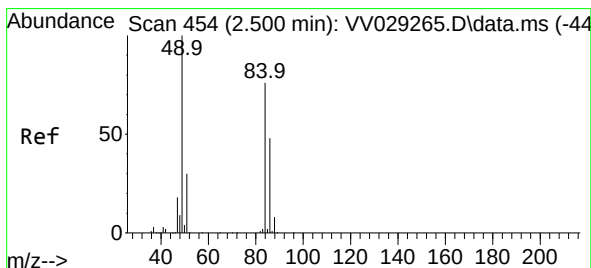
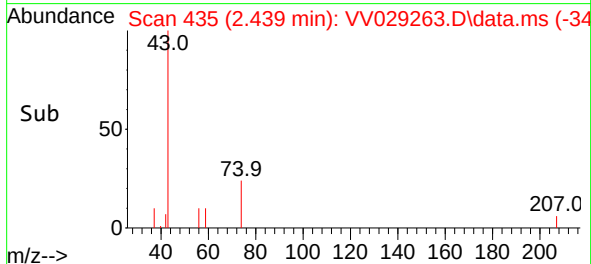
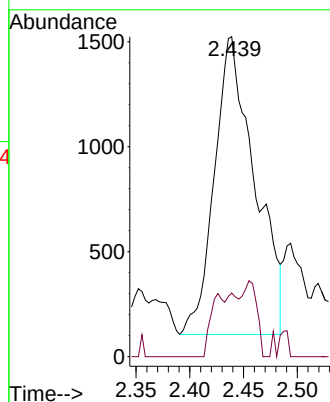
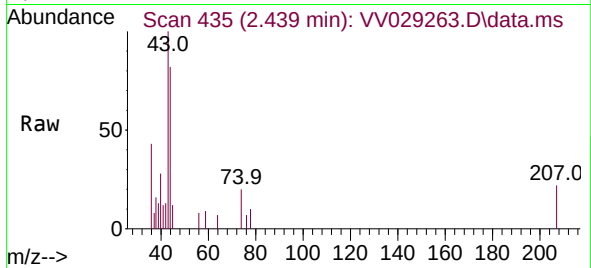




#15
Methyl Acetate
Concen: 0.411 ug/L
RT: 2.439 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

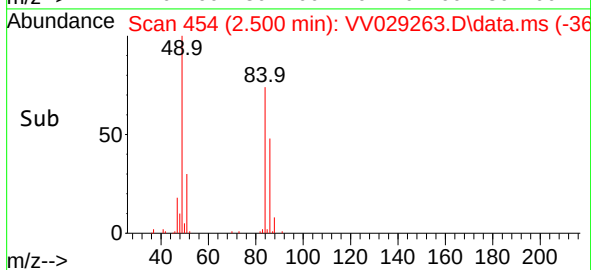
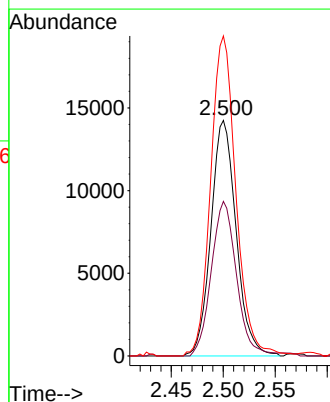
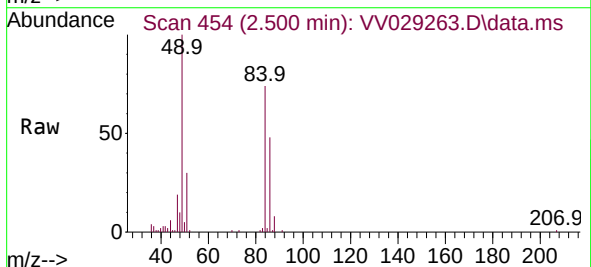
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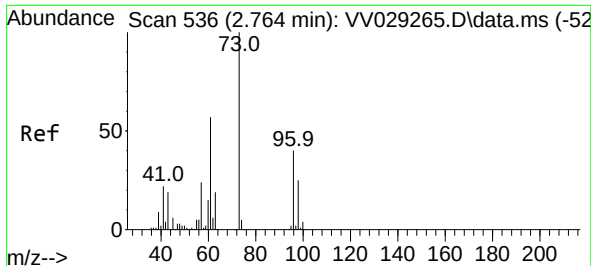
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Ion Ratio Lower Upper
43 100
74 6.0 18.0 27.0#



#16
Methylene chloride
Concen: 0.696 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 84 Resp: 23990
Ion Ratio Lower Upper
84 100
86 65.6 44.2 82.2
49 135.9 91.9 170.7

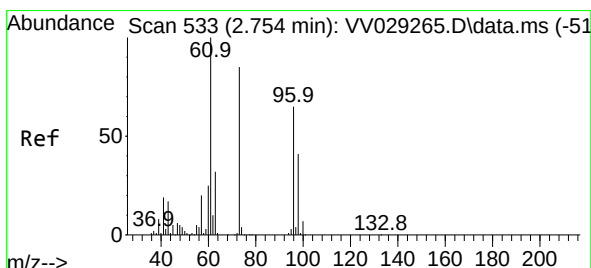
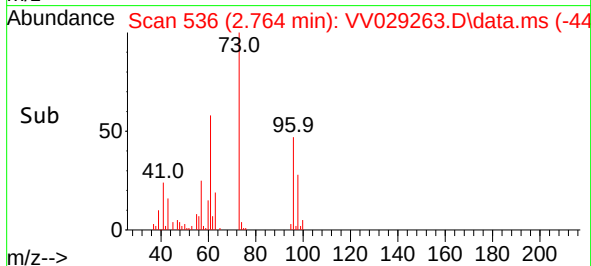
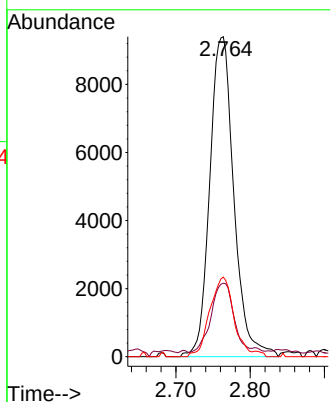
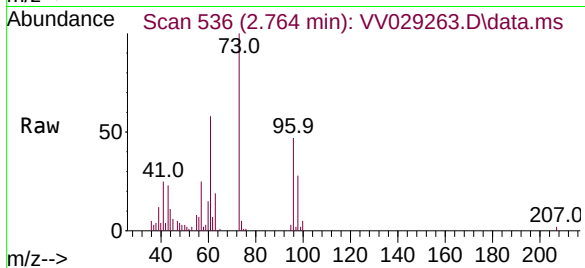




#17
Methyl tert-butyl Ether
Concen: 0.440 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

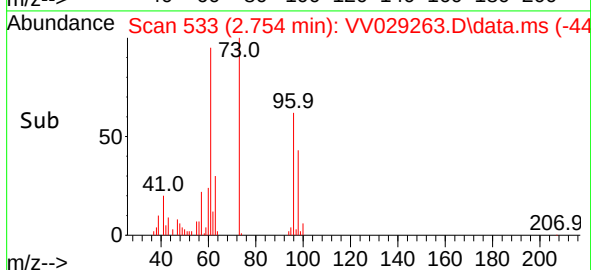
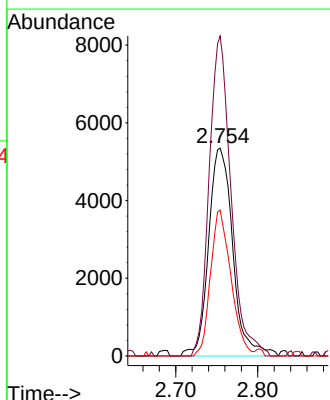
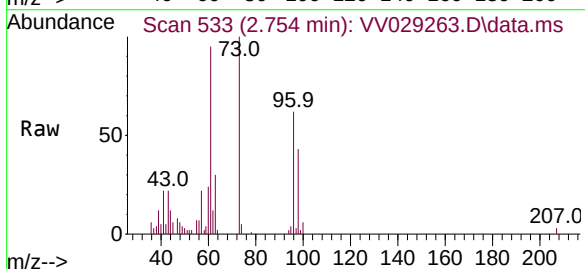
Instrument :
MSVOA_V
ClientSampleId :

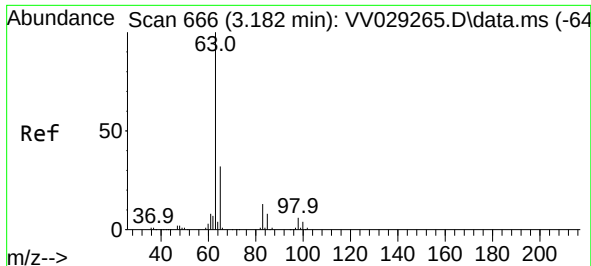
Tgt Ion: 73 Resp: 21194
Ion Ratio Lower Upper
73 100
43 20.2 15.4 23.2
57 24.5 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 0.494 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 96 Resp: 10990
Ion Ratio Lower Upper
96 100
61 153.9 107.6 199.8
98 70.2 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.467 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

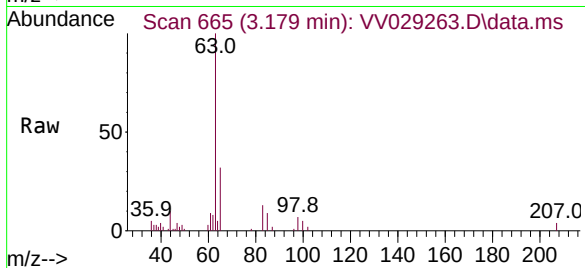
Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :



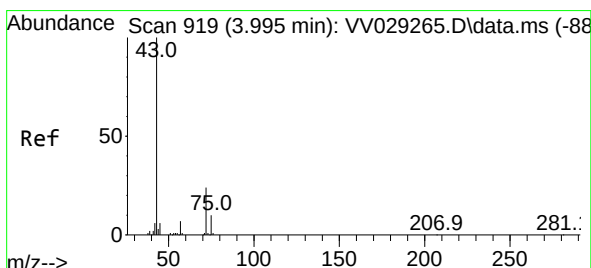
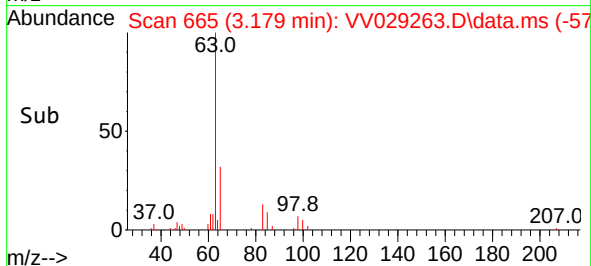
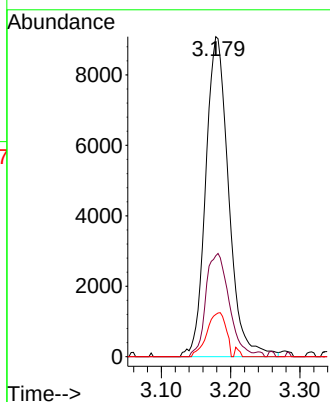
Tgt Ion: 63 Resp: 20932

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 13.2 9.0 16.8



#21

2-Butanone

Concen: 2.752 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.006 min

Lab File: VV029263.D

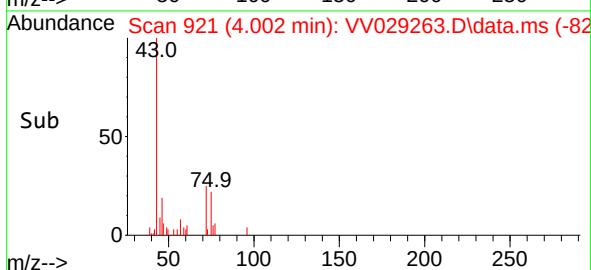
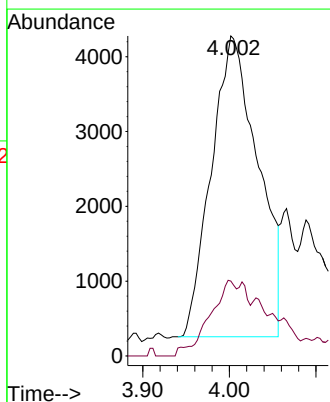
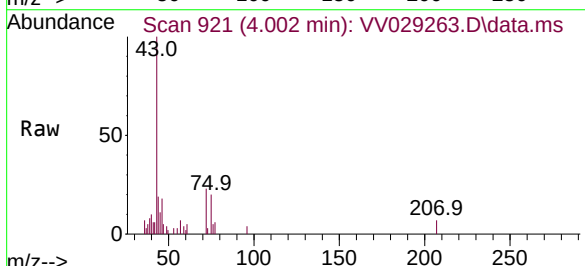
Acq: 22 Nov 2022 15:26

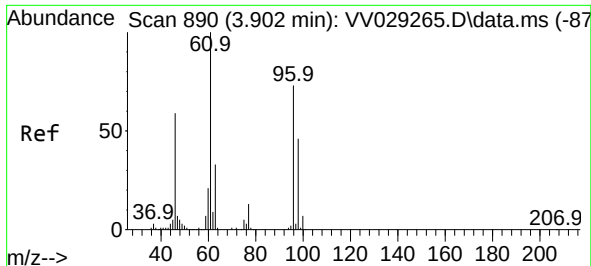
Tgt Ion: 43 Resp: 15108

Ion Ratio Lower Upper

43 100

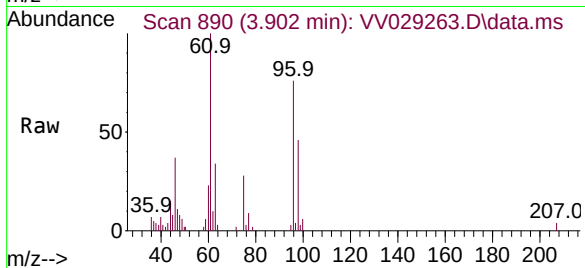
72 14.0 11.3 33.8





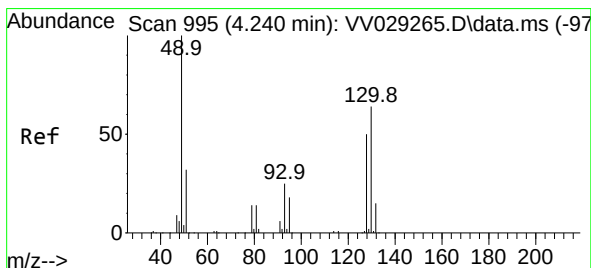
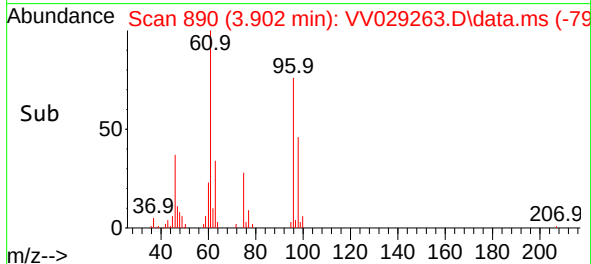
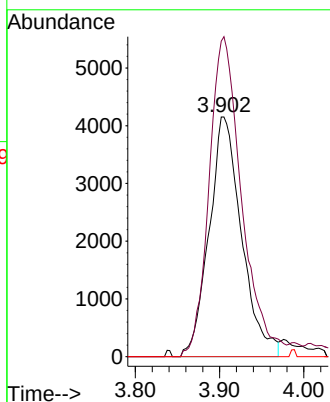
#22
 cis-1,2-Dichloroethene
 Concen: 0.457 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 11112

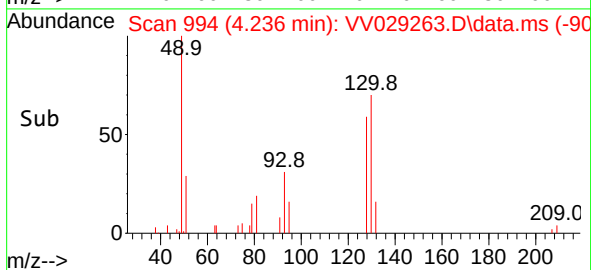
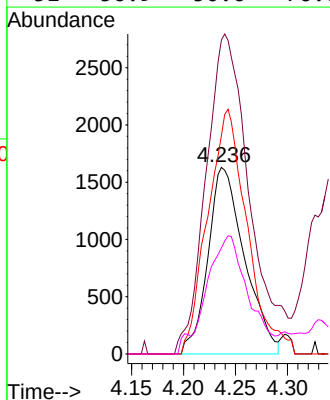
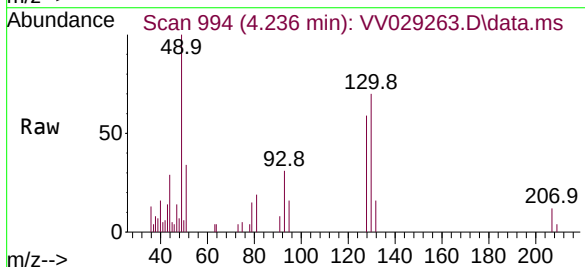
Ion	Ratio	Lower	Upper
96	100		
61	131.7	95.8	178.0
68	0.0	0.0	0.0

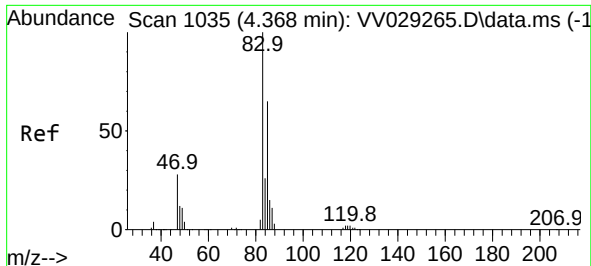


#23
 Bromochloromethane
 Concen: 0.440 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

Tgt Ion: 128 Resp: 3994

Ion	Ratio	Lower	Upper
128	100		
49	168.2	139.9	259.9
130	117.0	89.9	166.9
51	56.9	50.6	76.0

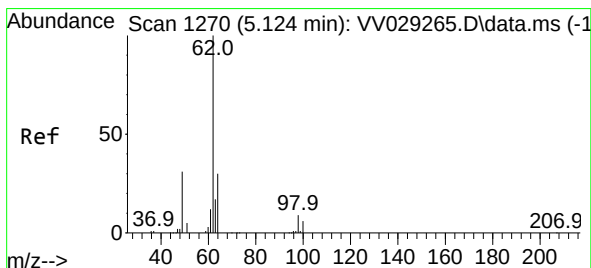
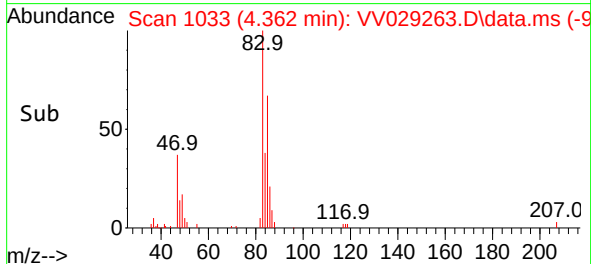
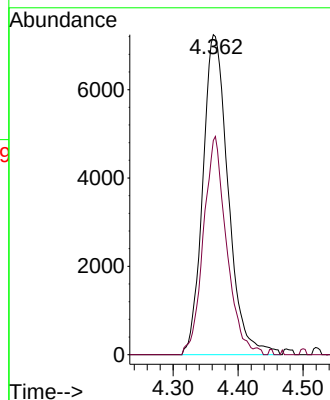
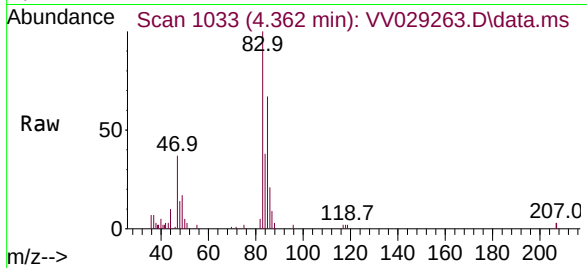




#25
Chloroform
Concen: 0.462 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

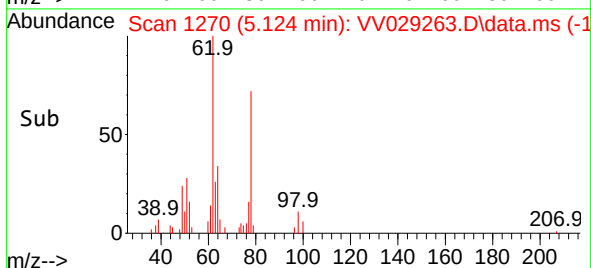
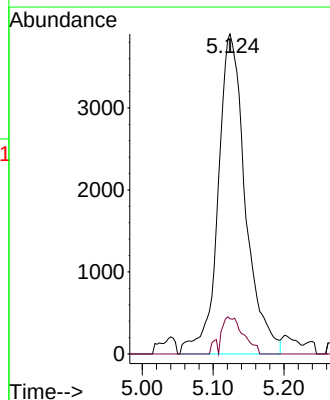
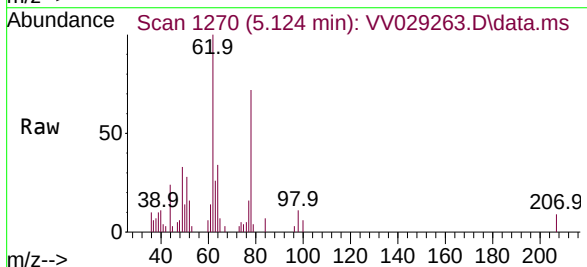
Instrument :
MSVOA_V
ClientSampleId :

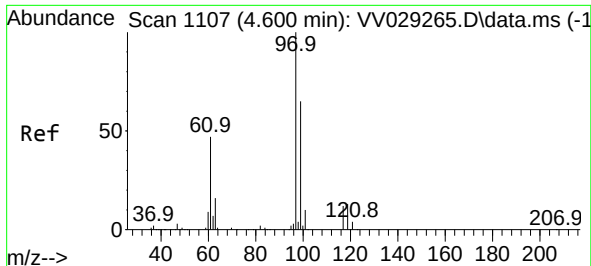
Tgt Ion: 83 Resp: 19702
Ion Ratio Lower Upper
83 100
85 67.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.448 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 62 Resp: 10479
Ion Ratio Lower Upper
62 100
98 11.0 7.3 10.9#





#29

1,1,1-Trichloroethane

Concen: 0.444 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

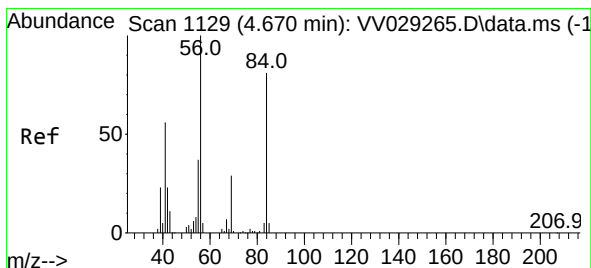
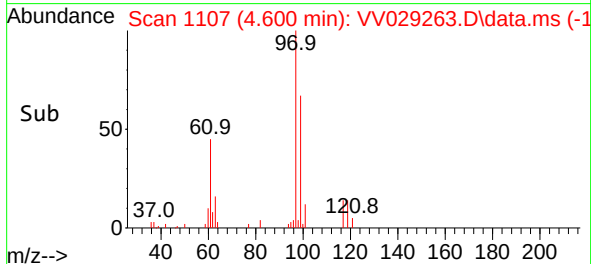
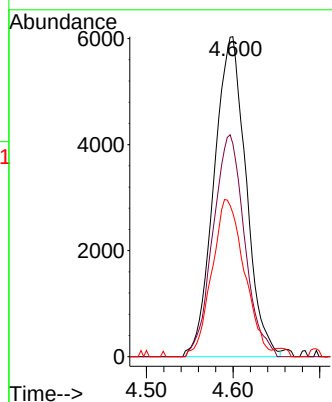
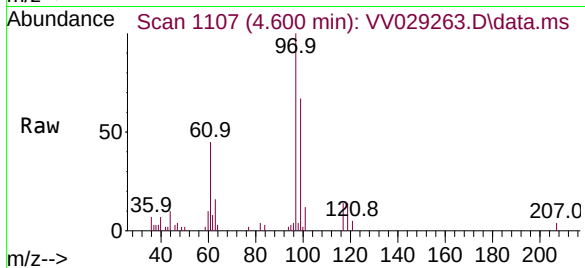
Tgt Ion: 97 Resp: 15493

Ion Ratio Lower Upper

97 100

99 68.5 51.1 76.7

61 49.9 39.0 58.4



#30

Cyclohexane

Concen: 0.454 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

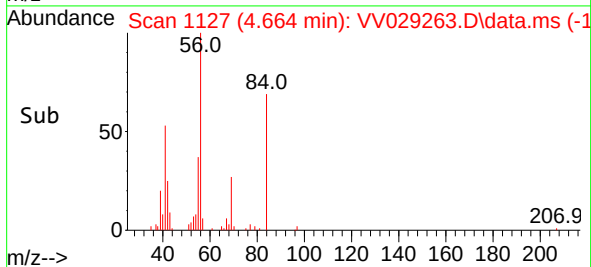
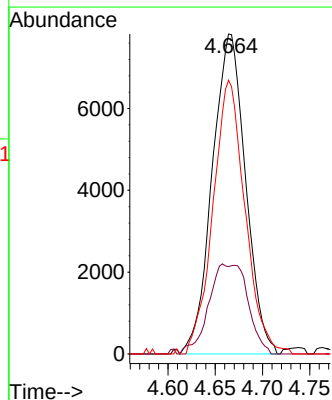
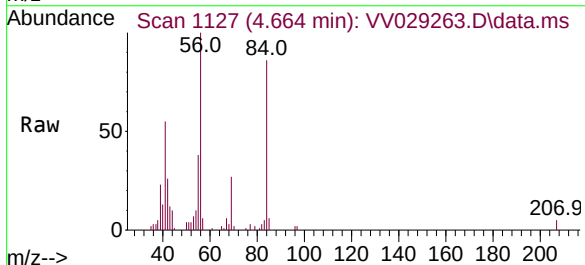
Tgt Ion: 56 Resp: 19152

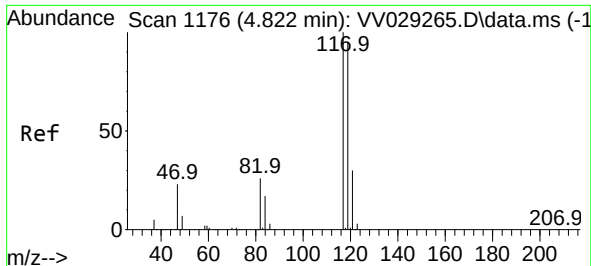
Ion Ratio Lower Upper

56 100

69 17.5 23.4 35.0#

84 82.4 64.6 97.0

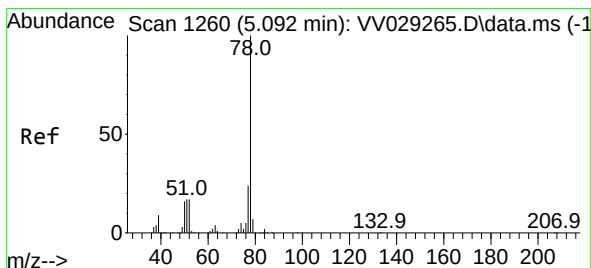
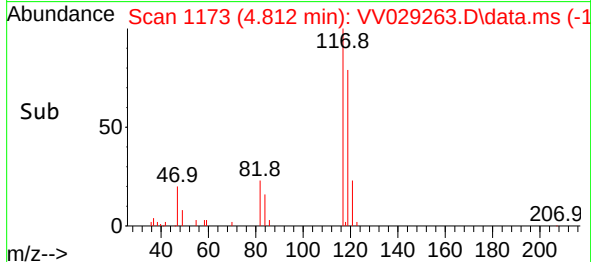
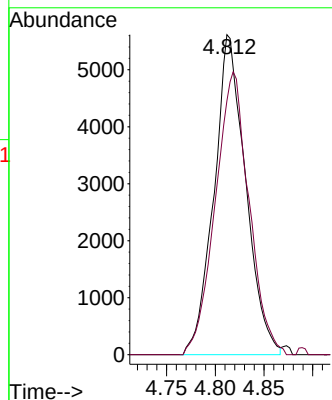
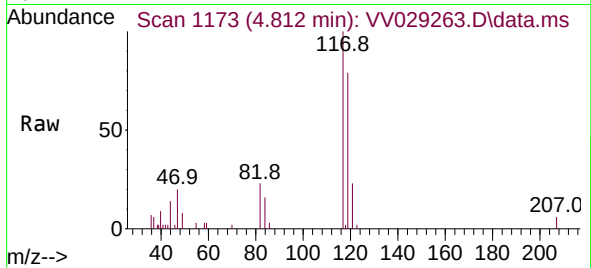




#31
Carbon tetrachloride
Concen: 0.456 ug/L
RT: 4.812 min Scan# 1176
Delta R.T. -0.010 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

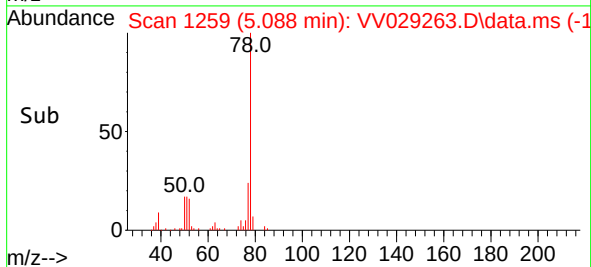
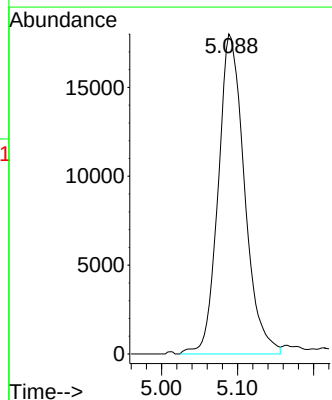
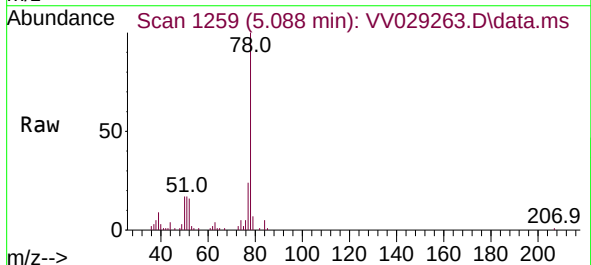
Instrument : MSVOA_V
ClientSampleId :

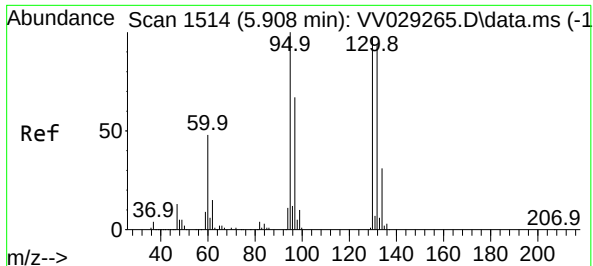
Tgt Ion:117 Resp: 12670
Ion Ratio Lower Upper
117 100
119 94.3 75.1 112.7



#33
Benzene
Concen: 0.451 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 78 Resp: 43228





#34

Trichloroethene

Concen: 0.466 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.003 min

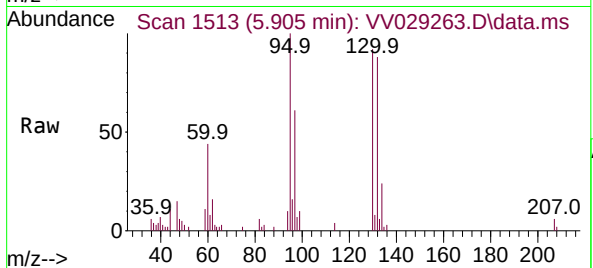
Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 11750

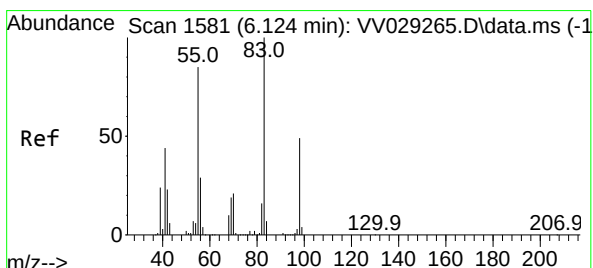
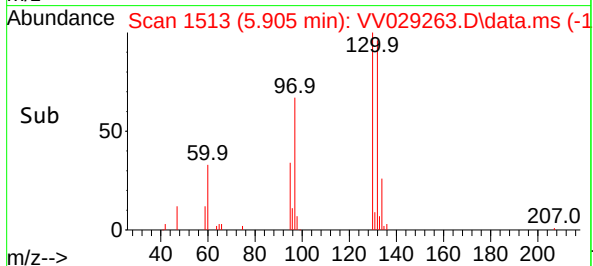
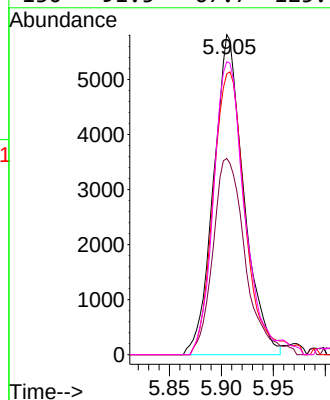
Ion Ratio Lower Upper

95 100

97 61.3 46.7 86.7

132 87.8 65.7 122.1

130 91.5 67.7 125.7



#35

Methylcyclohexane

Concen: 0.449 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

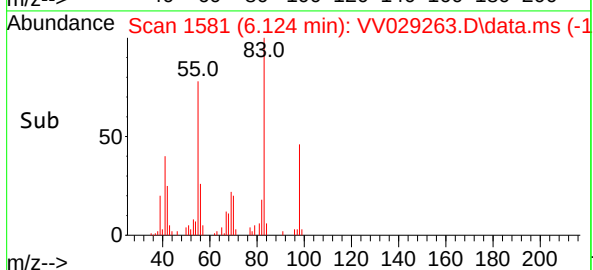
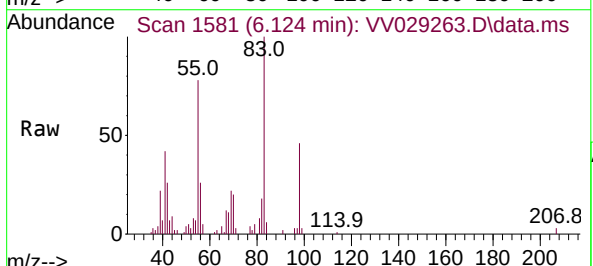
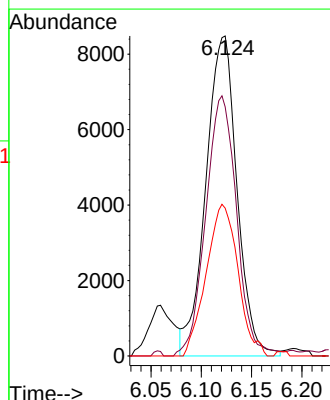
Tgt Ion: 83 Resp: 18319

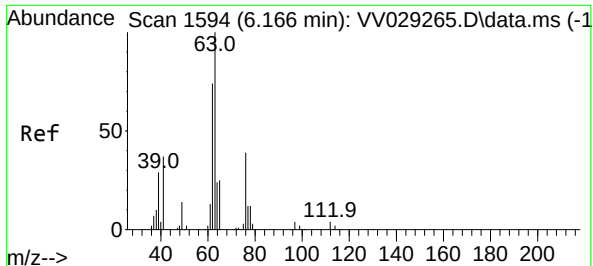
Ion Ratio Lower Upper

83 100

55 80.5 65.7 98.5

98 48.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 0.444 ug/L

RT: 6.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

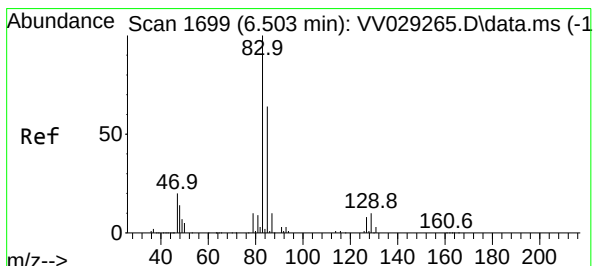
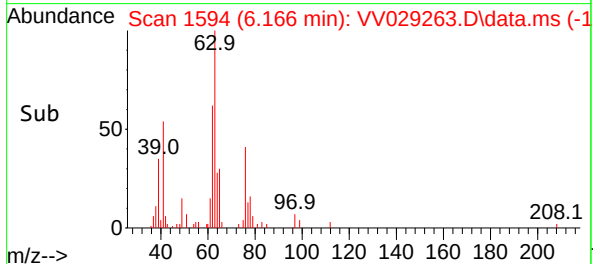
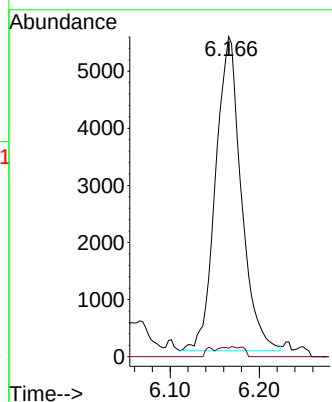
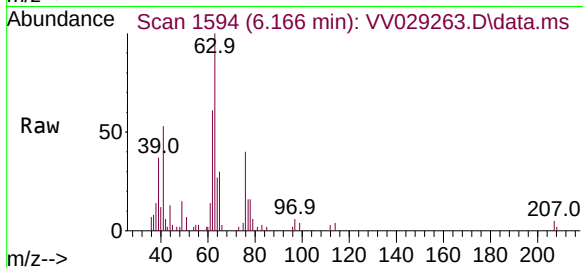
ClientSampleId :

Tgt Ion: 63 Resp: 11050

Ion Ratio Lower Upper

63 100

112 3.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.452 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

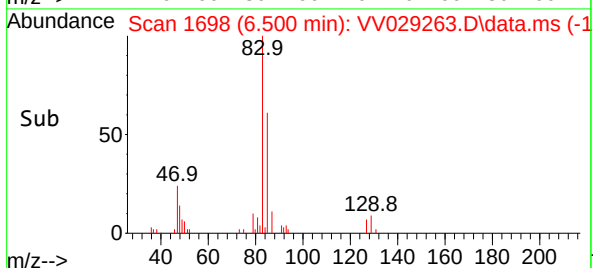
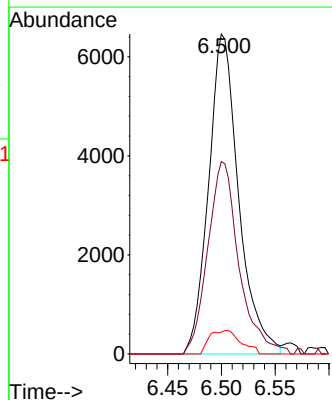
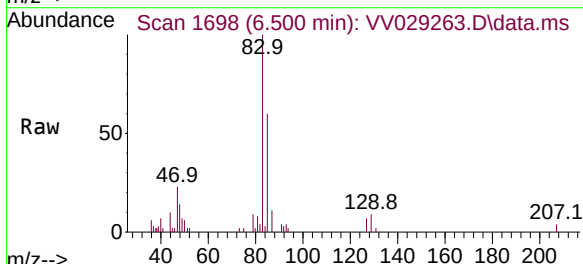
Tgt Ion: 83 Resp: 12577

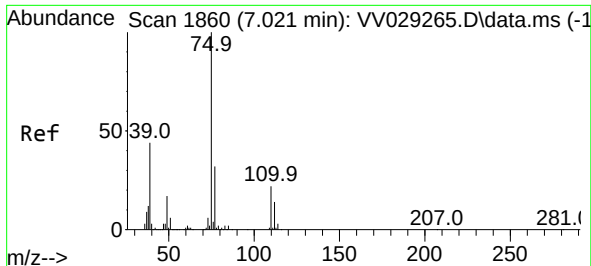
Ion Ratio Lower Upper

83 100

85 60.1 45.1 83.7

127 6.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.382 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

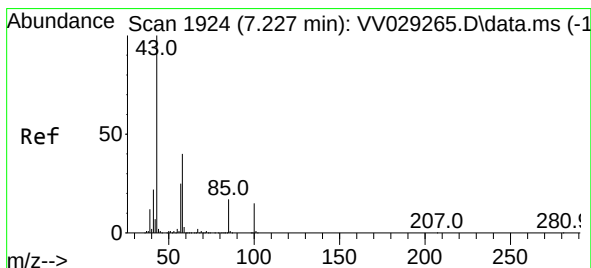
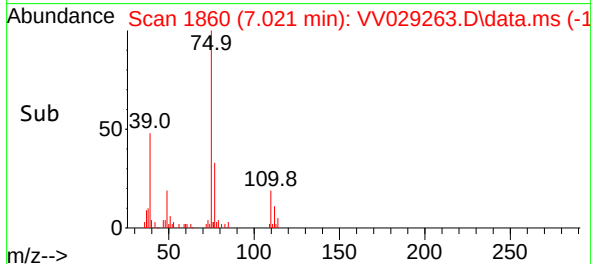
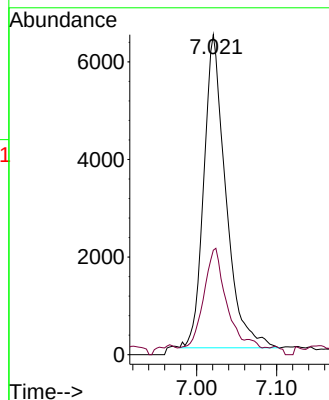
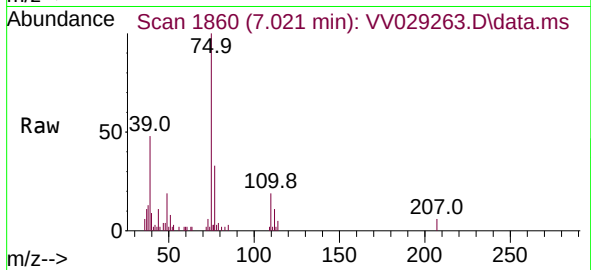
ClientSampleId :

Tgt Ion: 75 Resp: 12303

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 4.054 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

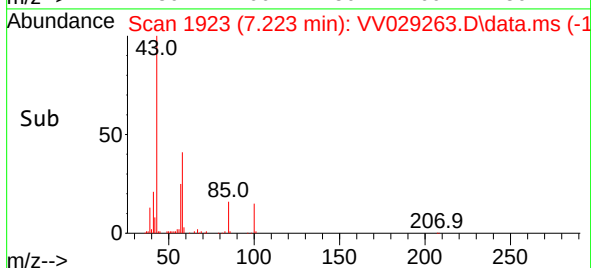
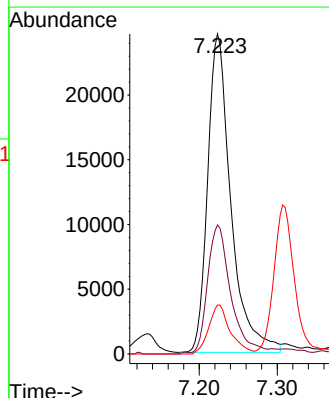
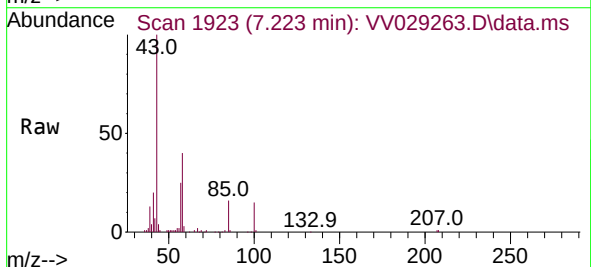
Tgt Ion: 43 Resp: 50908

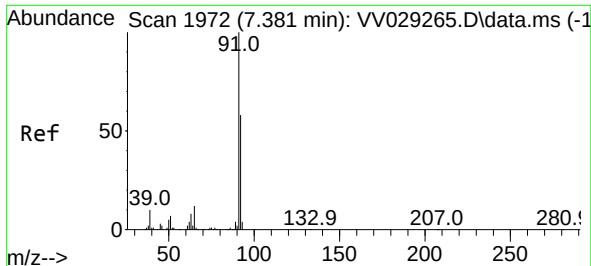
Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.8

100 14.2 11.0 16.6





#42

Toluene

Concen: 0.446 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

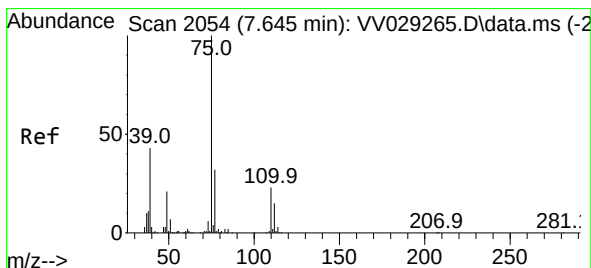
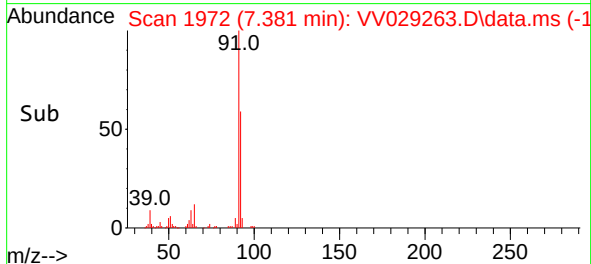
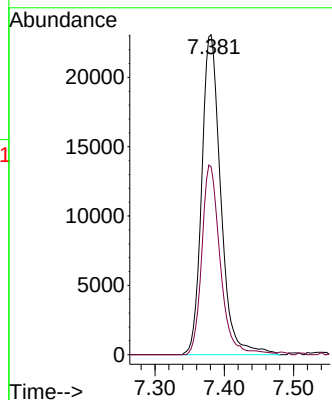
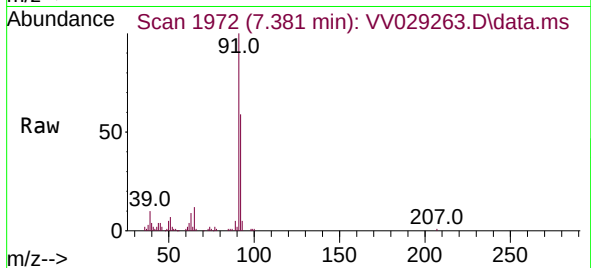
ClientSampleId :

Tgt Ion: 91 Resp: 44010

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029263.D

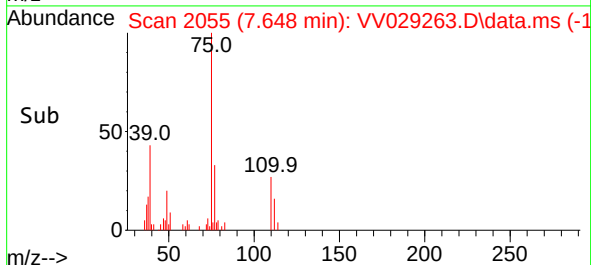
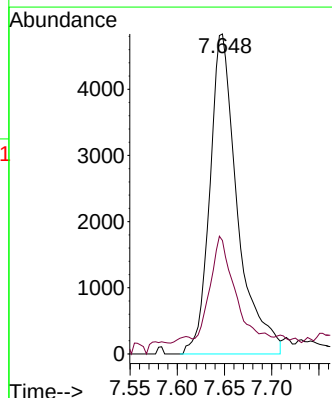
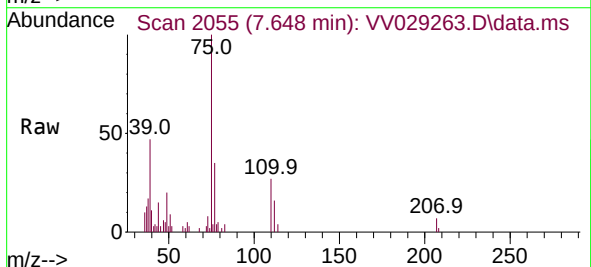
Acq: 22 Nov 2022 15:26

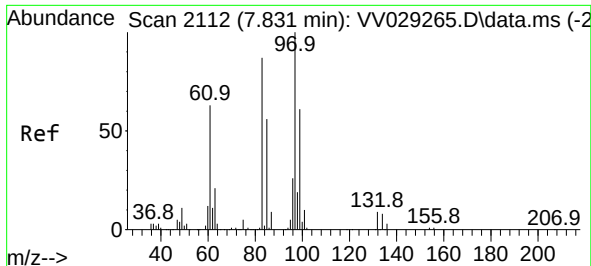
Tgt Ion: 75 Resp: 9811

Ion Ratio Lower Upper

75 100

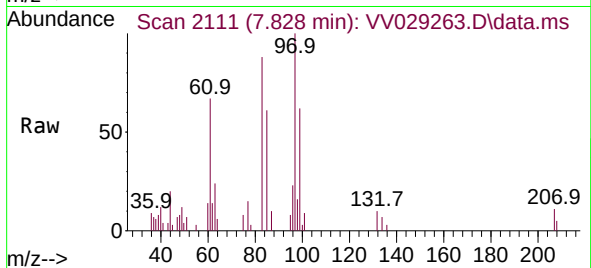
77 35.5 22.4 41.6



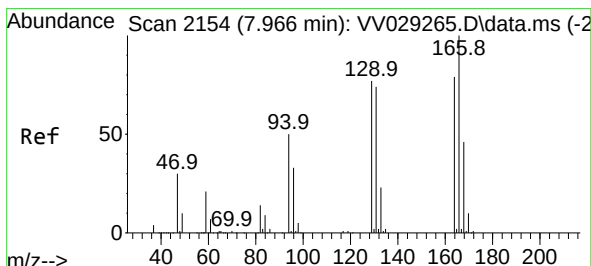
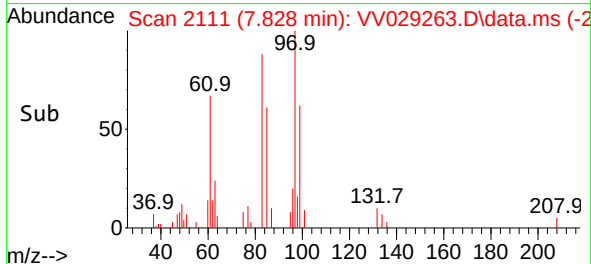
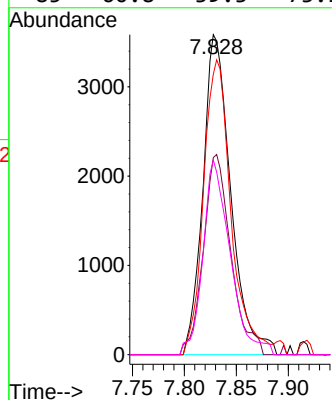


#45
1,1,2-Trichloroethane
Concen: 0.454 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Instrument :
MSVOA_V
ClientSampleId :

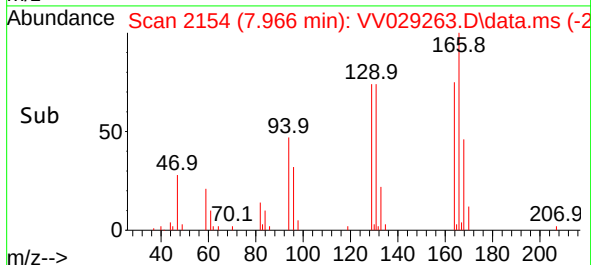
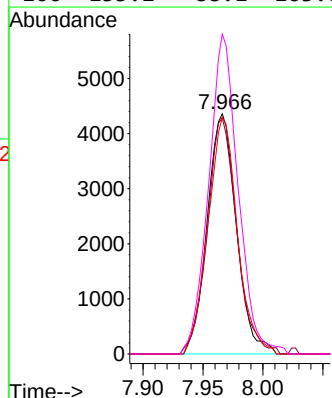
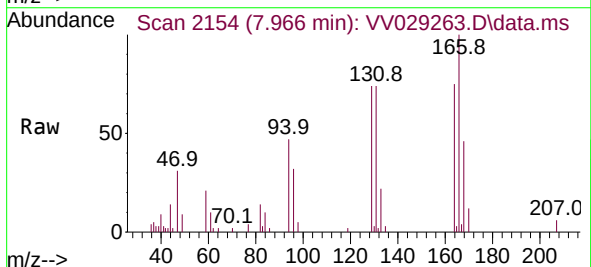


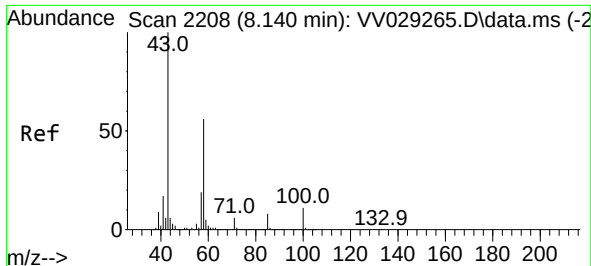
Tgt Ion:	97	Resp:	6698
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.8	79.6
83	87.6	61.4	114.0
85	60.8	39.3	73.1



#47
Tetrachloroethene
Concen: 0.446 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion:	164	Resp:	7395
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.3	126.8
131	98.5	65.2	121.0
166	133.2	88.1	163.7

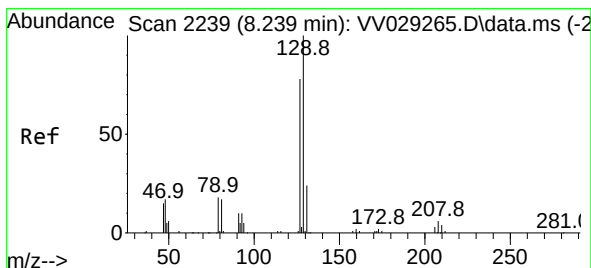
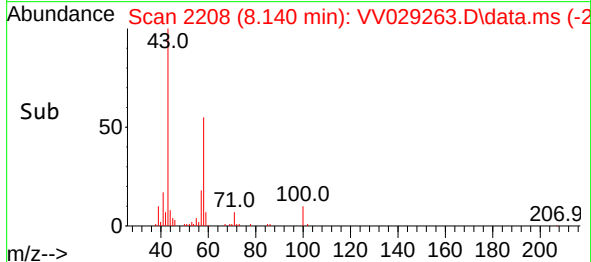
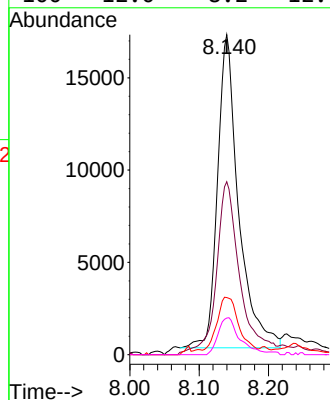
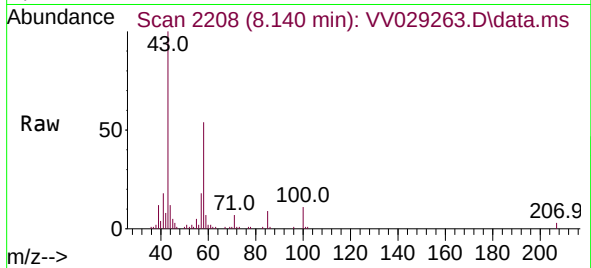




#48
2-Hexanone
Concen: 3.721 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

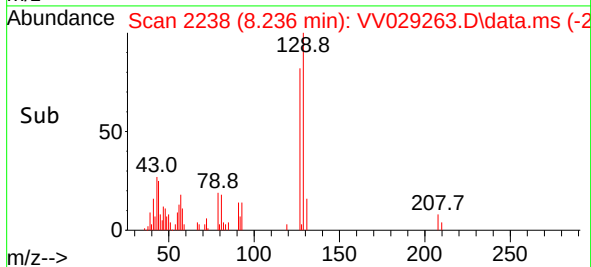
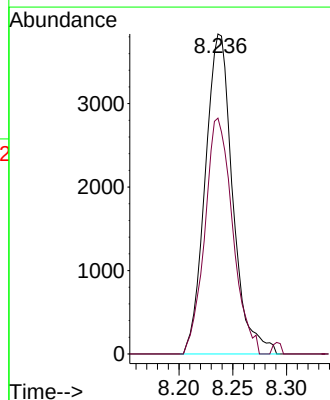
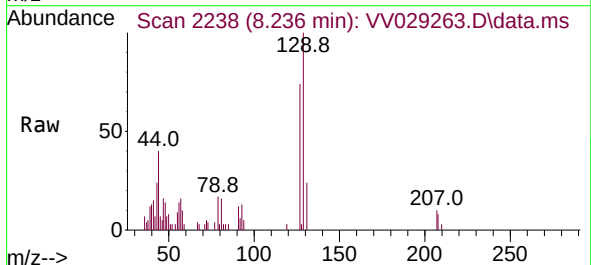
Instrument :
MSVOA_V
ClientSampleId :

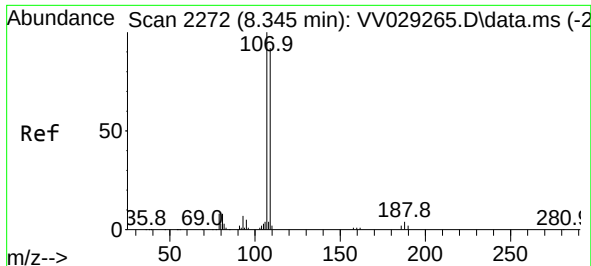
Tgt Ion: 43	Resp: 35932
Ion Ratio	Lower Upper
43 100	
58 61.3	45.3 67.9
57 19.9	15.4 23.2
100 12.0	8.2 12.4



#49
Dibromochloromethane
Concen: 0.442 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion:129	Resp:	6814	
Ion	Ratio	Lower	Upper
129	100		
127	73.7	54.7	101.5





#50

1,2-Dibromoethane

Concen: 0.420 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029263.D

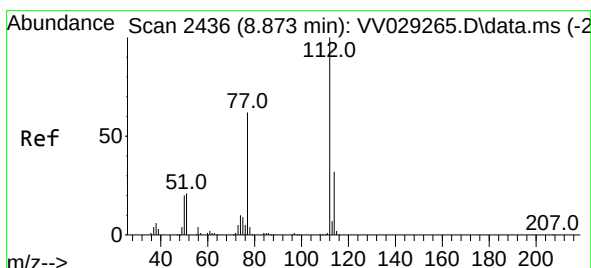
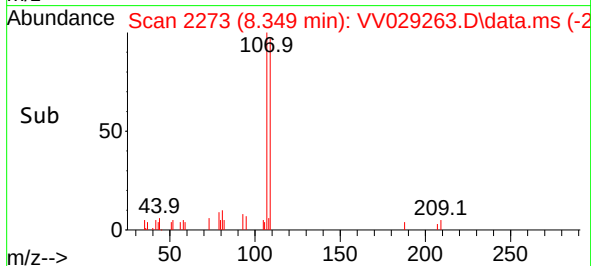
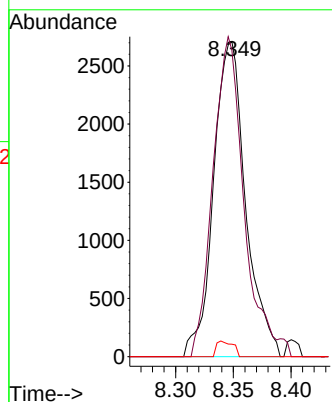
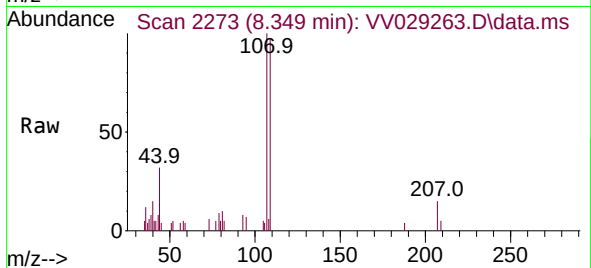
Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	5240
Ion	Ratio	Lower Upper
107	100	
109	97.3	64.3 119.3
188	3.9	3.0 4.6



#51

Chlorobenzene

Concen: 0.461 ug/L

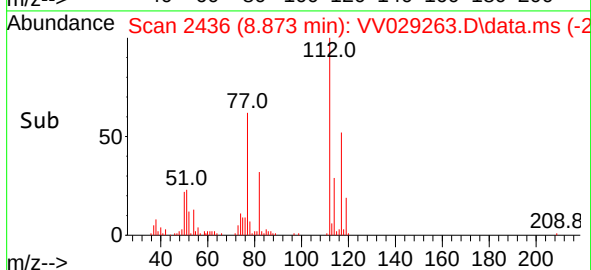
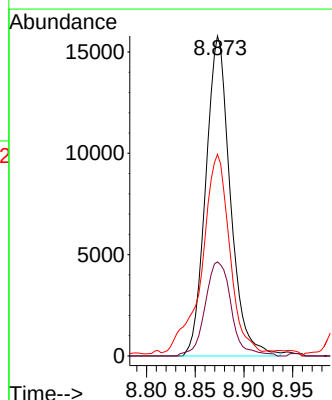
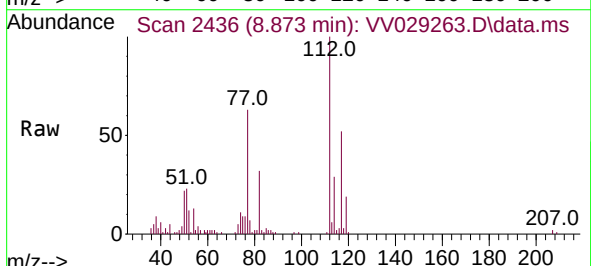
RT: 8.873 min Scan# 2436

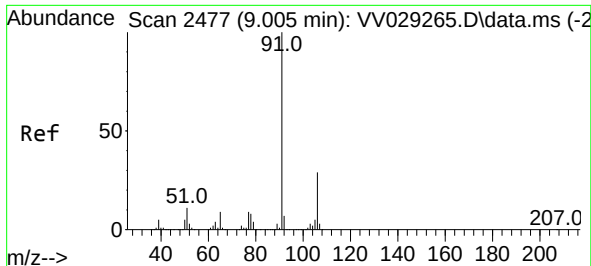
Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Tgt Ion:112	Resp:	27635
Ion	Ratio	Lower Upper
112	100	
114	29.4	22.3 41.3
77	63.0	49.8 74.6





#52

Ethylbenzene

Concen: 0.440 ug/L

RT: 9.001 min Scan# 2477

Delta R.T. -0.003 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

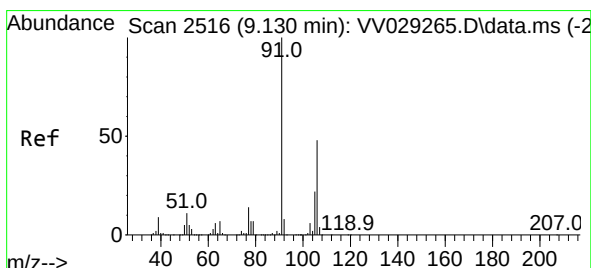
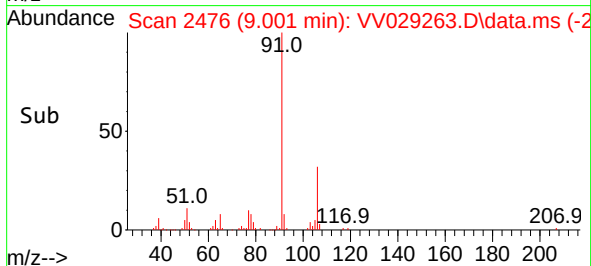
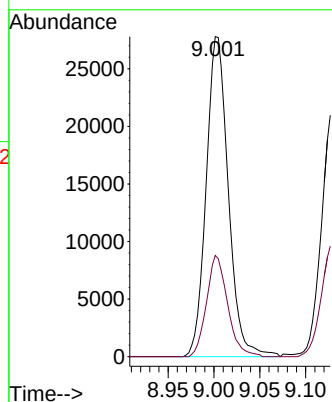
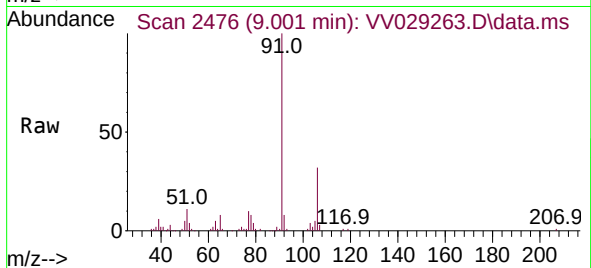
ClientSampleId :

Tgt Ion: 91 Resp: 46719

Ion Ratio Lower Upper

91 100

106 31.7 20.6 38.4



#53

m,p-Xylene

Concen: 0.453 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029263.D

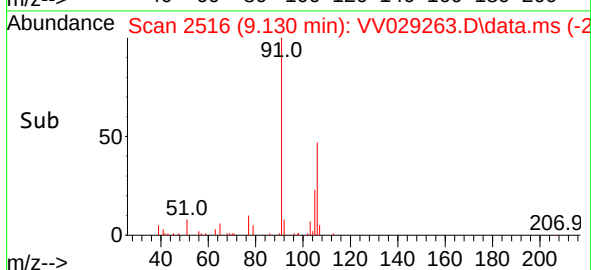
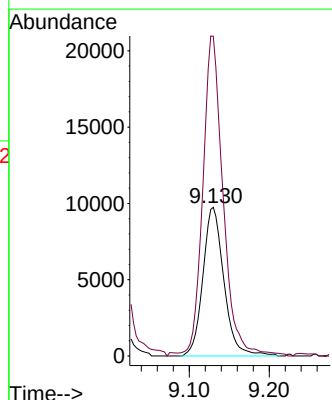
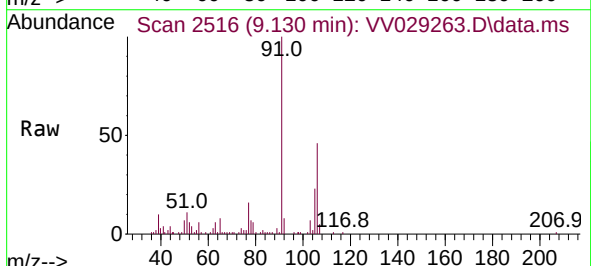
Acq: 22 Nov 2022 15:26

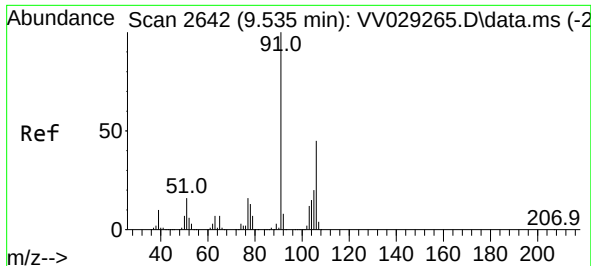
Tgt Ion:106 Resp: 17861

Ion Ratio Lower Upper

106 100

91 215.2 147.3 273.6

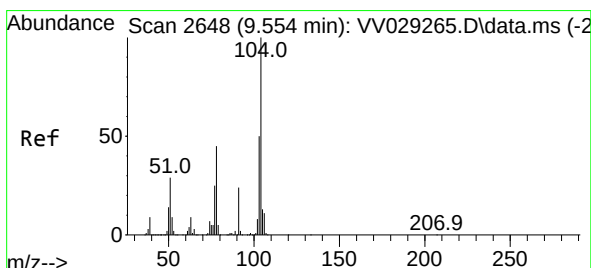
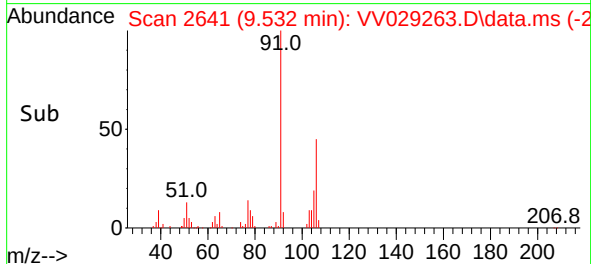
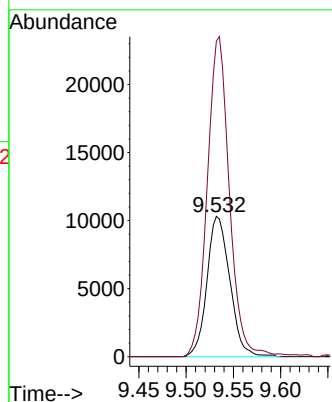
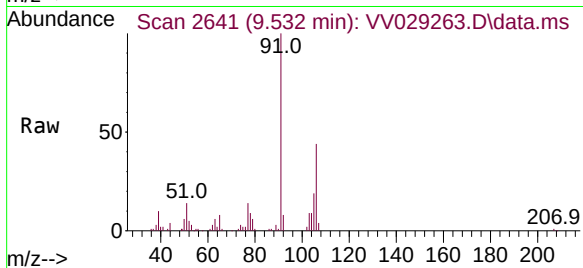




#54
o-Xylene
Concen: 0.451 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

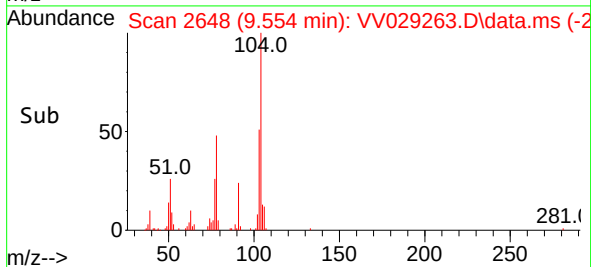
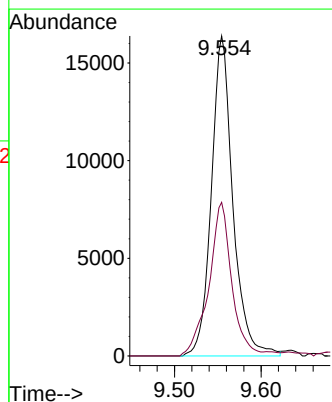
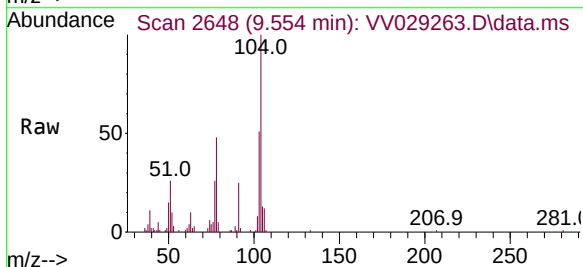
Instrument :
MSVOA_V
ClientSampleId :

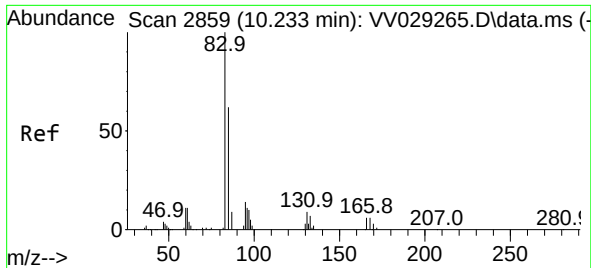
Tgt Ion:106 Resp: 17374
Ion Ratio Lower Upper
106 100
91 225.0 154.6 287.2



#55
Styrene
Concen: 0.429 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion:104 Resp: 28302
Ion Ratio Lower Upper
104 100
78 48.0 31.9 59.2

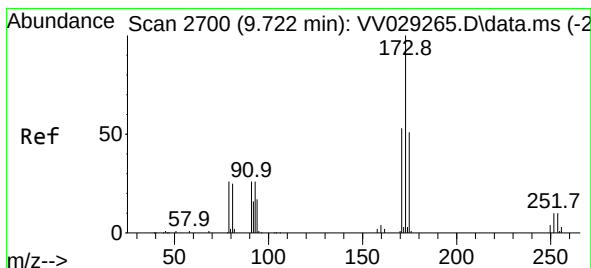
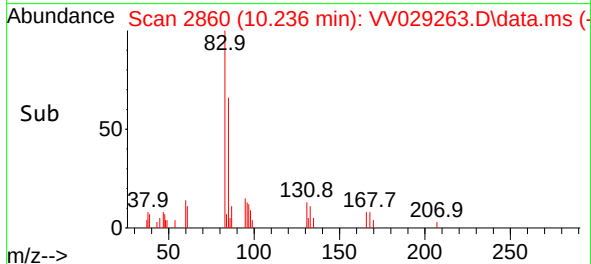
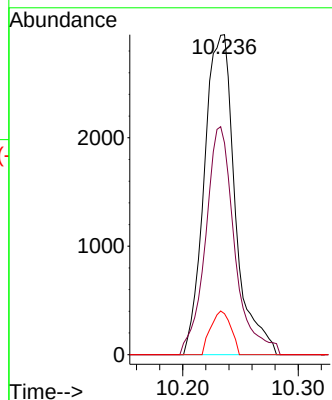
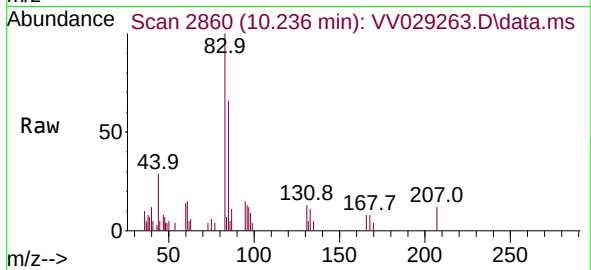




#57
1,1,2,2-Tetrachloroethane
Concen: 0.415 ug/L
RT: 10.236 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

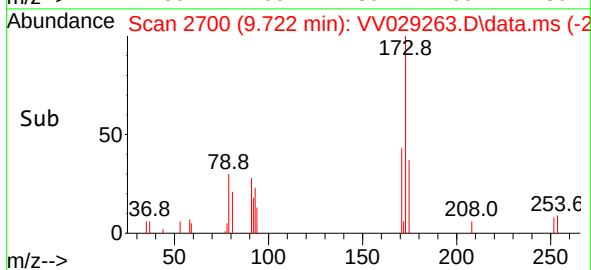
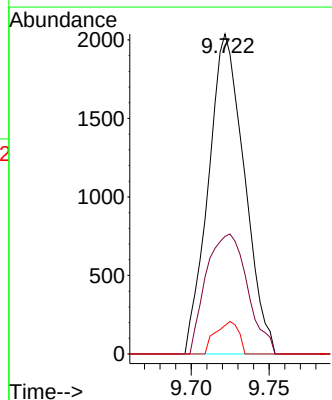
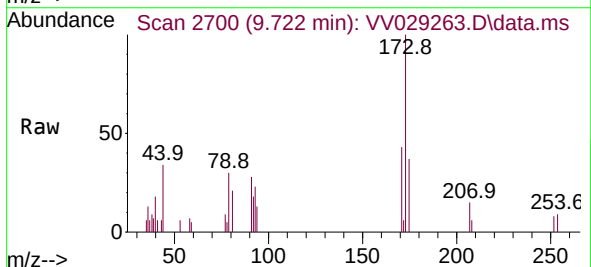
Instrument :
MSVOA_V
ClientSampleId :

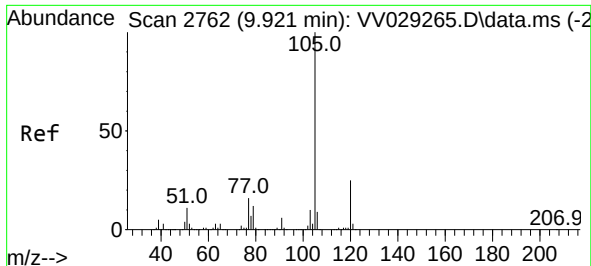
Tgt Ion: 83 Resp: 5470
Ion Ratio Lower Upper
83 100
85 66.1 43.9 81.5
131 12.8 6.9 10.3#



#59
Bromoform
Concen: 0.451 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 173 Resp: 3268
Ion Ratio Lower Upper
173 100
175 43.1 39.4 59.2
254 6.5 8.2 12.2#

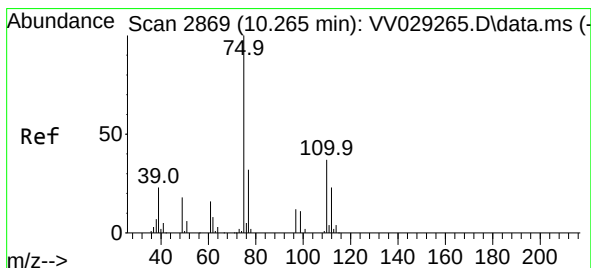
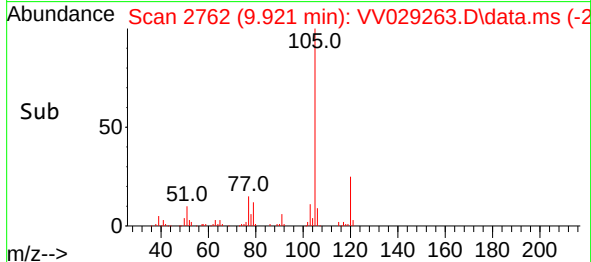
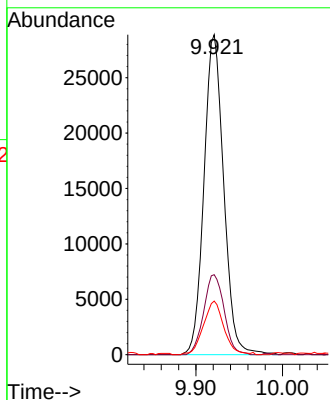
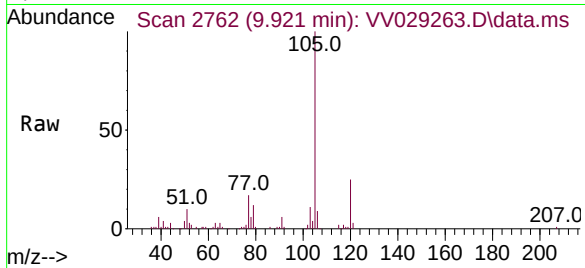




#60
Isopropylbenzene
Concen: 0.459 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

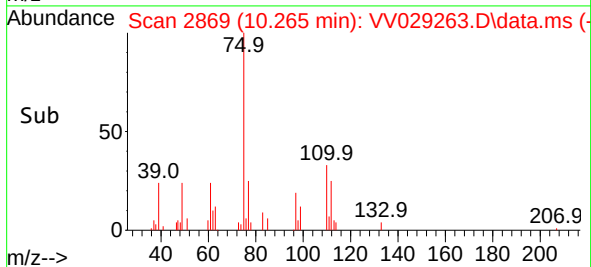
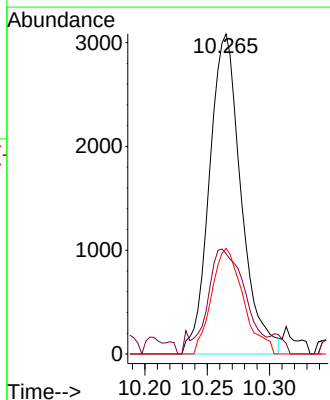
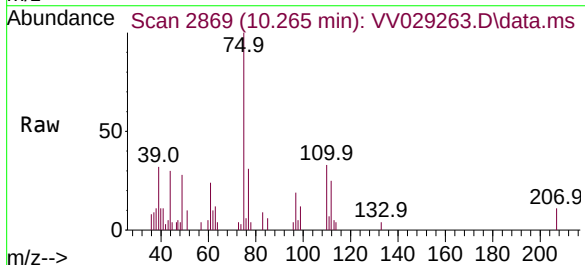
Instrument :
MSVOA_V
ClientSampleId :

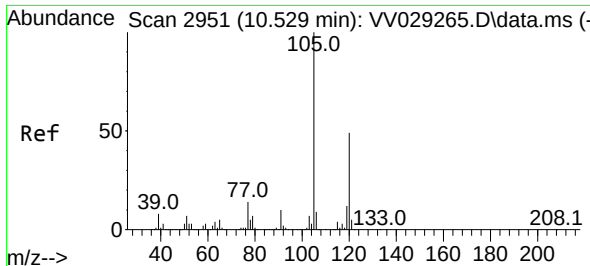
Tgt Ion:105 Resp: 45700
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 17.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.462 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion: 75 Resp: 5452
Ion Ratio Lower Upper
75 100
77 39.3 25.4 38.0#
110 33.1 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 0.458 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

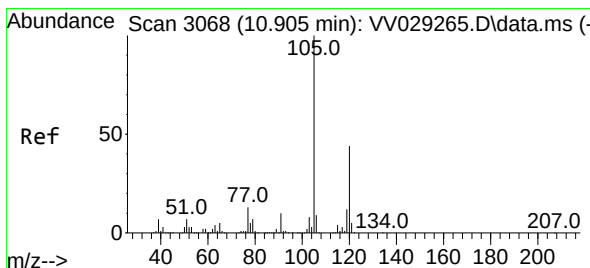
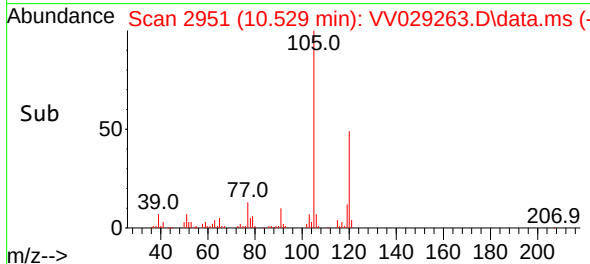
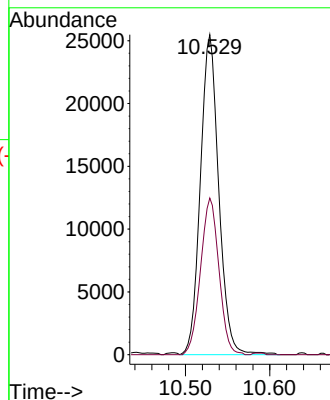
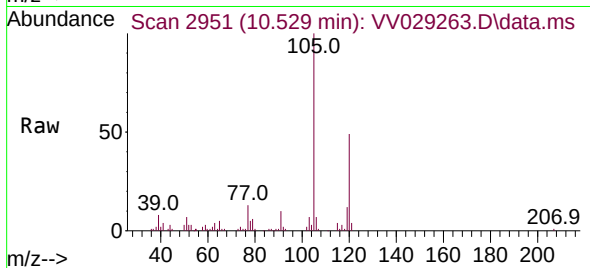
ClientSampleId :

Tgt Ion:105 Resp: 38697

Ion Ratio Lower Upper

105 100

120 48.9 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 0.443 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.003 min

Lab File: VV029263.D

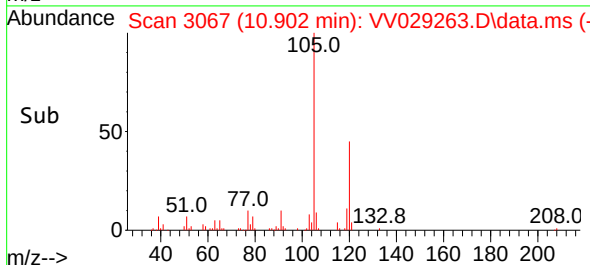
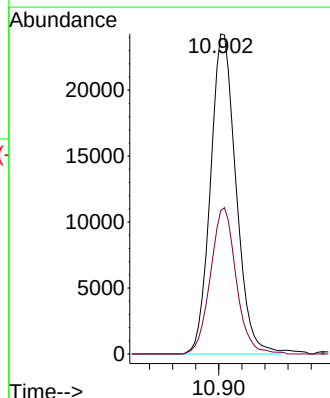
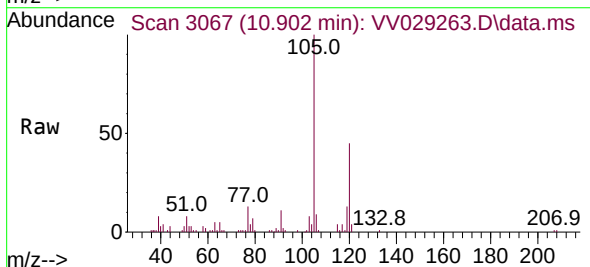
Acq: 22 Nov 2022 15:26

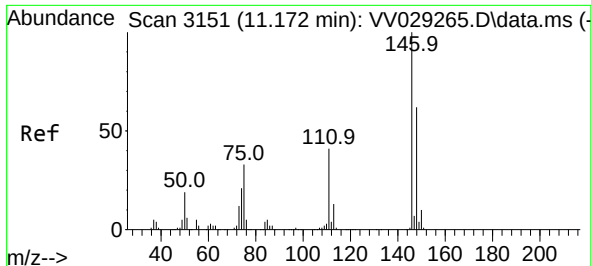
Tgt Ion:105 Resp: 37210

Ion Ratio Lower Upper

105 100

120 46.0 35.6 53.4

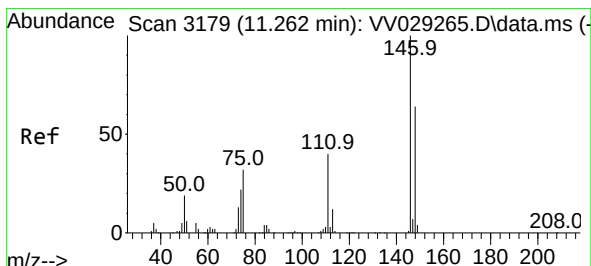
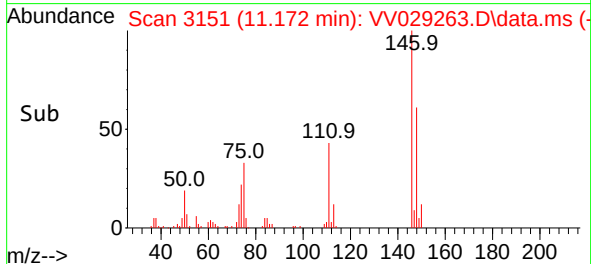
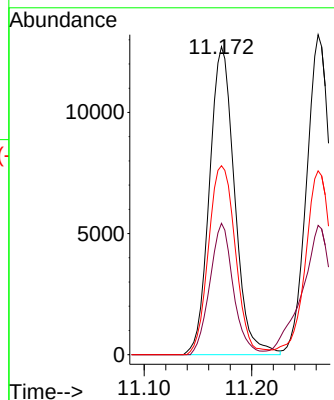
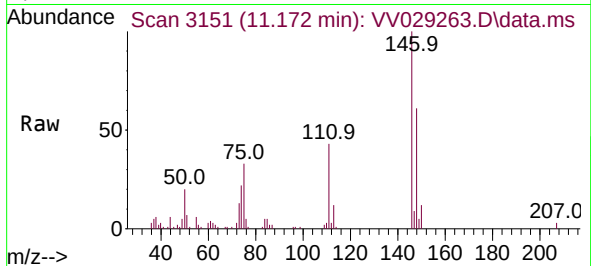




#64
1,3-Dichlorobenzene
Concen: 0.475 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

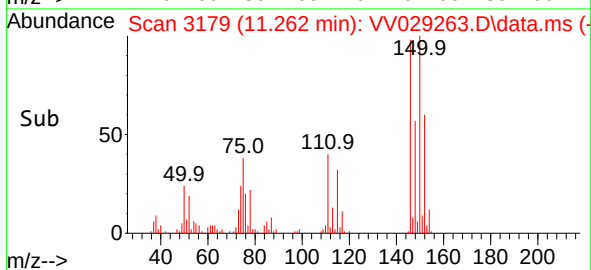
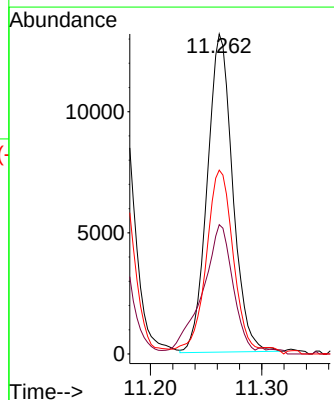
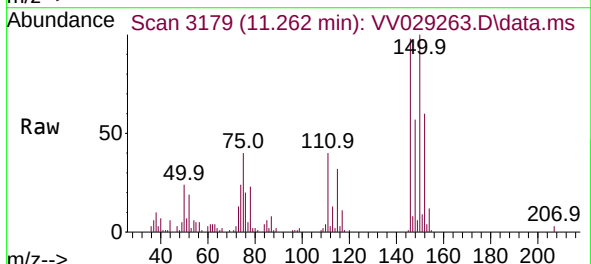
Instrument :
MSVOA_V
ClientSampleId :

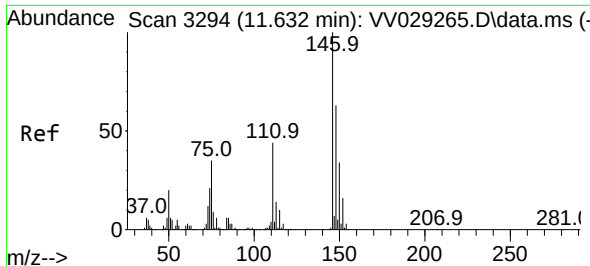
Tgt Ion:146 Resp: 20684
Ion Ratio Lower Upper
146 100
111 42.6 28.6 53.0
148 61.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 0.488 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

Tgt Ion:146 Resp: 20815
Ion Ratio Lower Upper
146 100
111 40.4 28.5 52.9
148 57.5 44.9 83.5

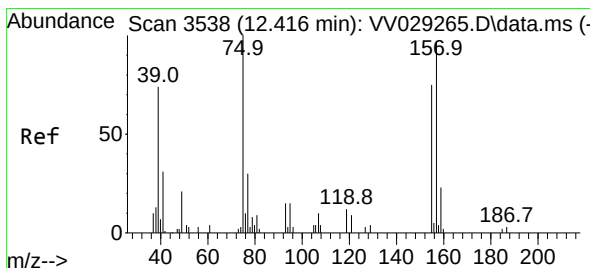
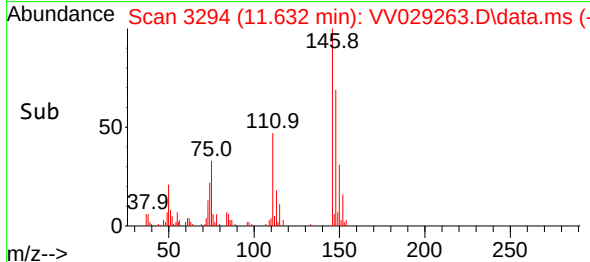
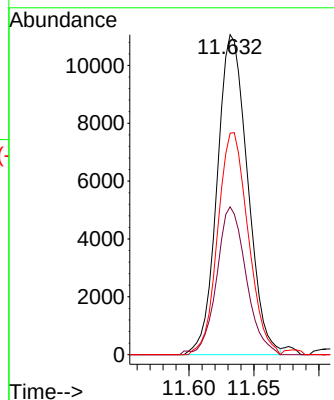
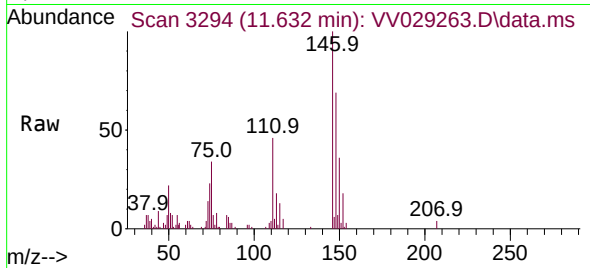




#67
1,2-Dichlorobenzene
Concen: 0.456 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

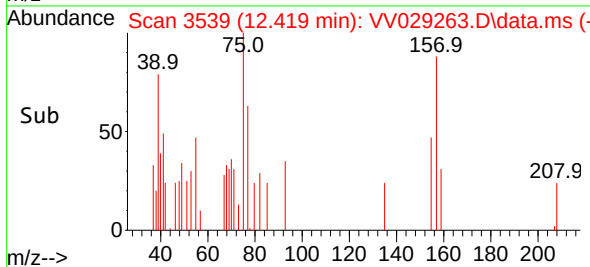
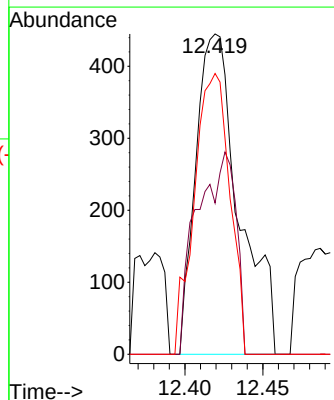
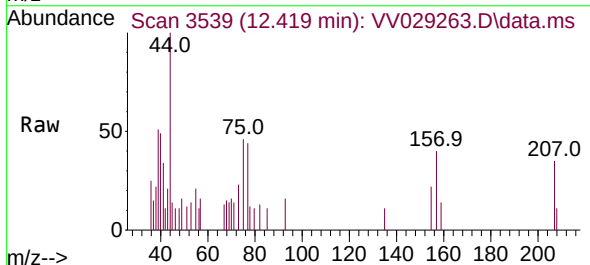
Instrument :
MSVOA_V
ClientSampleId :

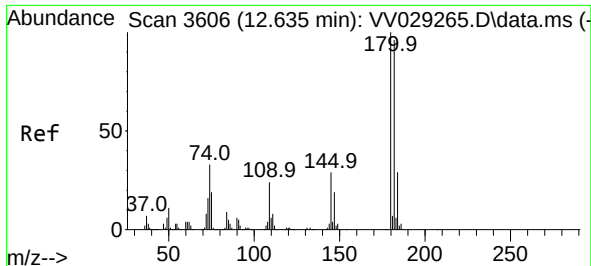
Tgt Ion:146 Resp: 18001
Ion Ratio Lower Upper
146 100
111 46.2 35.6 53.4
148 69.2 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.486 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV029263.D
Acq: 22 Nov 2022 15:26

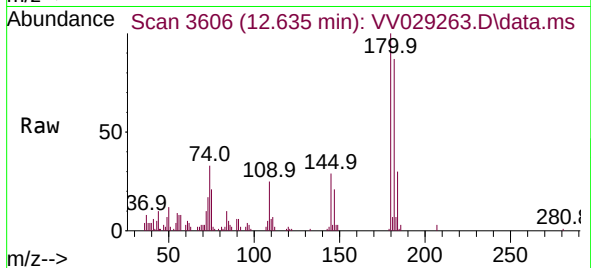
Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
155 47.2 58.4 87.6#
157 87.6 75.5 113.3



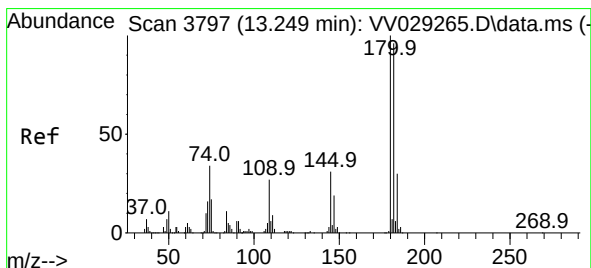
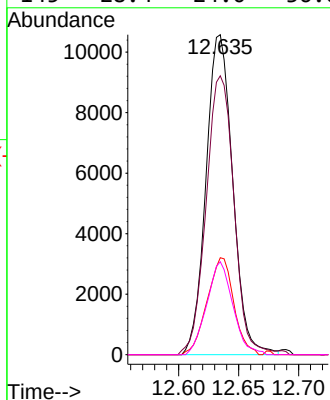
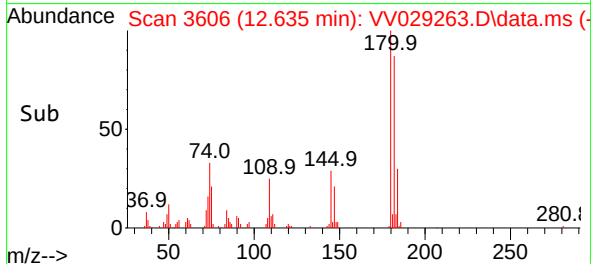


#69
 1,3,5-Trichlorobenzene
 Concen: 0.484 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26

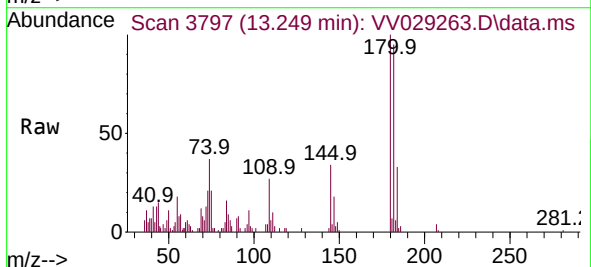
Instrument :
 MSVOA_V
 ClientSampleId :



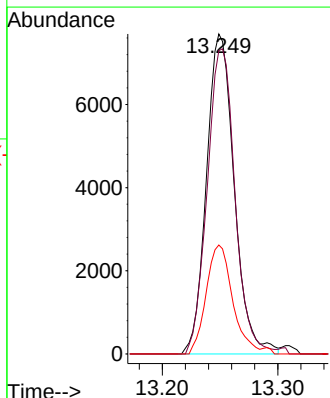
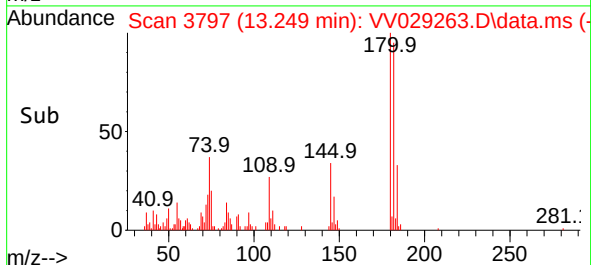
Tgt Ion:180 Resp: 16423
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.9 115.3
 184 30.1 23.9 35.9
 145 28.4 24.0 36.0

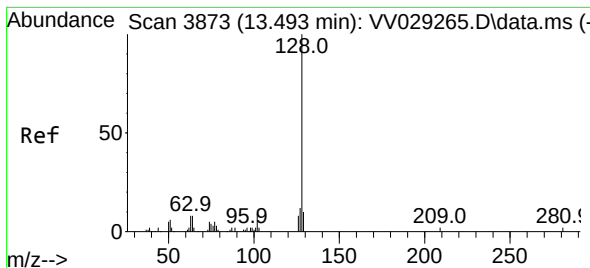


#70
 1,2,4-trichlorobenzene
 Concen: 0.488 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029263.D
 Acq: 22 Nov 2022 15:26



Tgt Ion:180 Resp: 12849
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.2
 145 32.3 25.0 37.6





#71

Naphthalene

Concen: 0.566 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

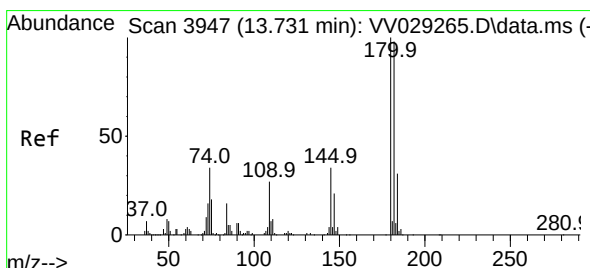
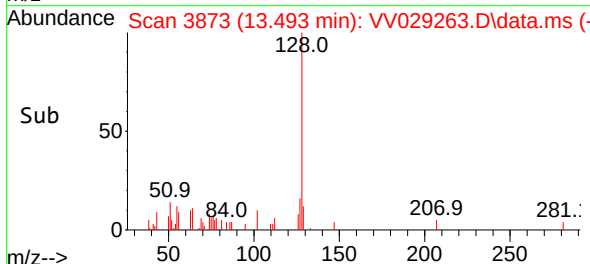
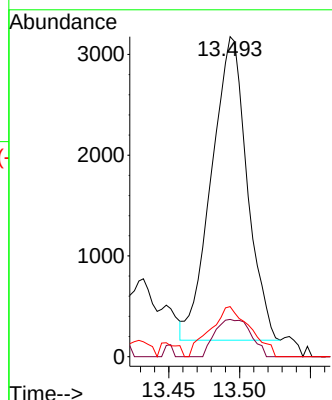
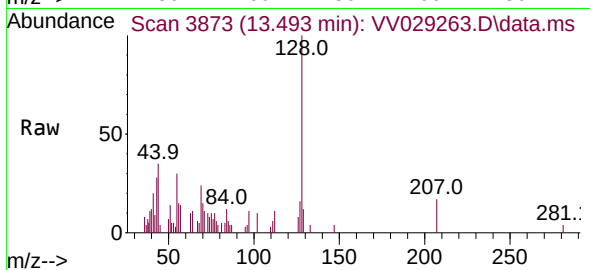
Tgt Ion:128 Resp: 5265

Ion Ratio Lower Upper

128 100

129 12.4 8.4 12.6

127 18.6 10.0 15.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.501 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029263.D

Acq: 22 Nov 2022 15:26

Tgt Ion:180 Resp: 10617

Ion Ratio Lower Upper

180 100

182 90.9 76.2 114.2

145 32.6 26.3 39.5

