

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023134.D
 Acq On : 02 Nov 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 22:33:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	133906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49925	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.568	69	39232	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.108	63	86421	5.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.899	46	75933	40.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.900%
24) Chloroform-d	4.346	84	98469	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.030	65	43245	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.047	84	187881	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	54395	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	182404	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.622	79	20365	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	74702	46.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39767	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	63416	4.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	37875	4.458	ug/L	97
3) Chloromethane	1.240	50	38399	4.182	ug/L	98
5) Vinyl chloride	1.310	62	40648	4.286	ug/L	100
6) Bromomethane	1.519	94	26462	5.523	ug/L	94
8) Chloroethane	1.584	64	26130	5.269	ug/L	96
9) Trichlorofluoromethane	1.751	101	68801	5.376	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39688	5.438	ug/L	100
12) 1,1-Dichloroethene	2.117	96	34770	5.072	ug/L	99
13) Acetone	2.191	43	44882	48.737	ug/L	93
14) Carbon disulfide	2.291	76	105780	5.666	ug/L	100
15) Methyl Acetate	2.442	43	11394	3.252	ug/L	95
16) Methylene chloride	2.506	84	44415	5.898	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	81114	4.956	ug/L	93
18) trans-1,2-Dichloroethene	2.757	96	41859	5.719	ug/L	97
19) 1,1-Dichloroethane	3.188	63	79881	5.940	ug/L	97
21) 2-Butanone	3.985	43	68540	38.018	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	42838	5.162	ug/L #	87
23) Bromochloromethane	4.246	128	20050	5.322	ug/L	87
25) Chloroform	4.371	83	83059	4.674	ug/L	98

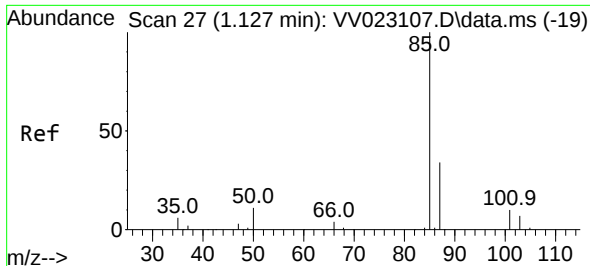
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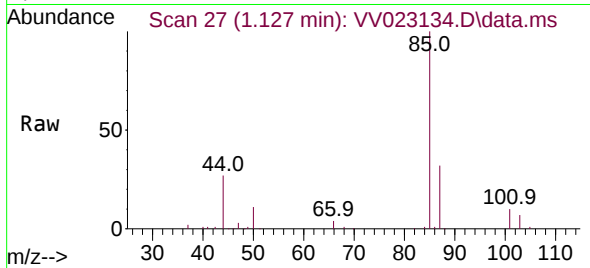
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42098	4.492	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	74852	4.789	ug/L	99
30) Cyclohexane	4.677	56	56623	4.149	ug/L	99
31) Carbon tetrachloride	4.825	117	66055	4.911	ug/L	97
33) Benzene	5.098	78	167998	4.513	ug/L	100
34) Trichloroethene	5.911	95	43147	4.614	ug/L	94
35) Methylcyclohexane	6.127	83	61806	4.616	ug/L	98
37) 1,2-Dichloropropane	6.172	63	41390	4.411	ug/L	97
38) Bromodichloromethane	6.509	83	55484	4.794	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	56822	4.864	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	207051	46.876	ug/L	99
42) Toluene	7.387	91	189683	5.028	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	50261	5.200	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29393	4.478	ug/L	97
47) Tetrachloroethene	7.976	164	37817	4.787	ug/L	99
48) 2-Hexanone	8.140	43	156253	47.655	ug/L	98
49) Dibromochloromethane	8.246	129	37970	4.862	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28132	4.761	ug/L #	99
51) Chlorobenzene	8.879	112	119958	4.841	ug/L	98
52) Ethylbenzene	9.011	91	186565	4.983	ug/L	99
53) m,p-xylene	9.140	106	73566	4.900	ug/L	95
54) o-xylene	9.545	106	69858	4.942	ug/L	99
55) Styrene	9.561	104	127744	5.233	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	34180	4.659	ug/L	99
59) Bromoform	9.731	173	21231	4.655	ug/L	97
60) Isopropylbenzene	9.931	105	191828	4.846	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24259	4.403	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	149816	4.711	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	156510	4.931	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101006	4.849	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	101457	4.794	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	90798	4.682	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4878	4.487	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.644	180	76276	4.808	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	57159	4.815	ug/L	99
71) Naphthalene	13.503	128	83476	4.625	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53083	4.817	ug/L	99

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

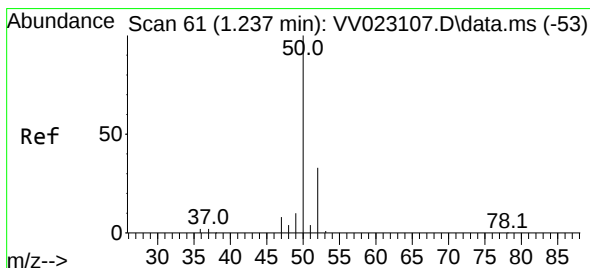
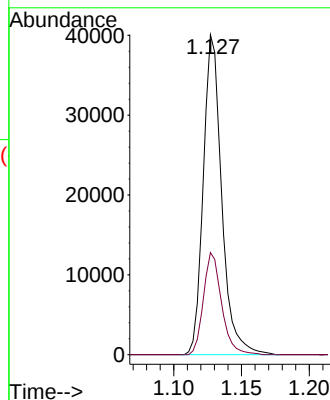
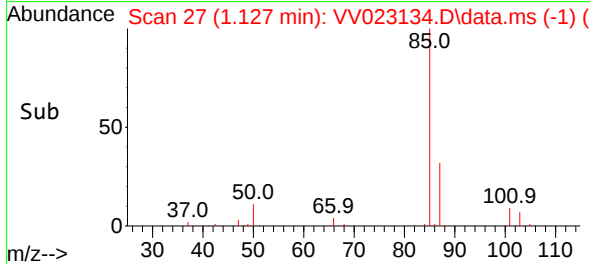


#2
 Dichlorodifluoromethane
 Concen: 4.458 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

Instrument :
 MSVOA_V
 ClientSampleId :

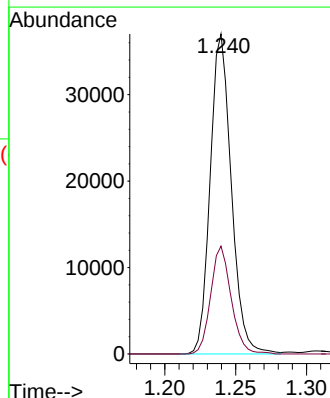
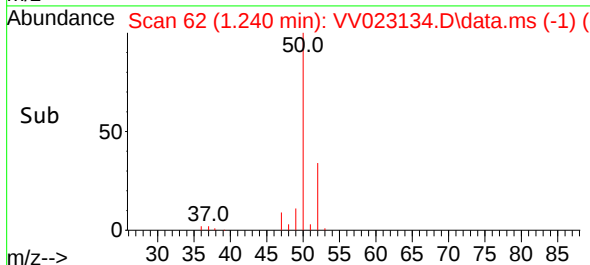
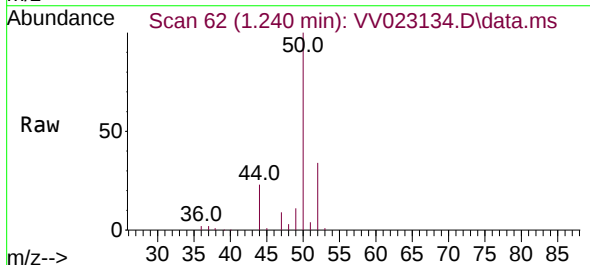


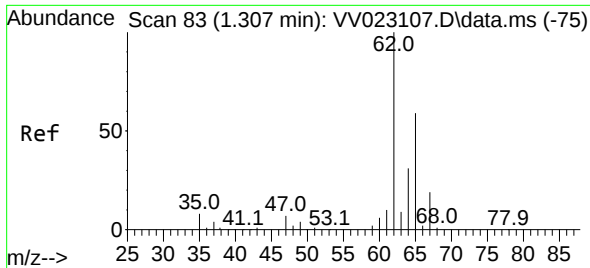
Tgt Ion: 85 Resp: 37875
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 39.8



#3
 Chloromethane
 Concen: 4.182 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

Tgt Ion: 50 Resp: 38399
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.3 45.1

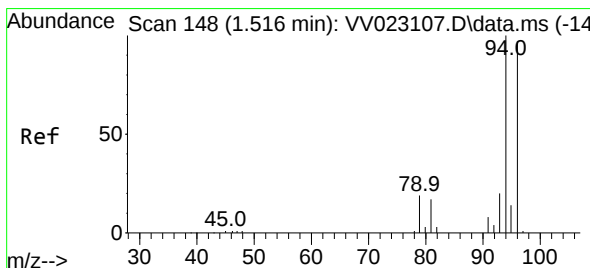
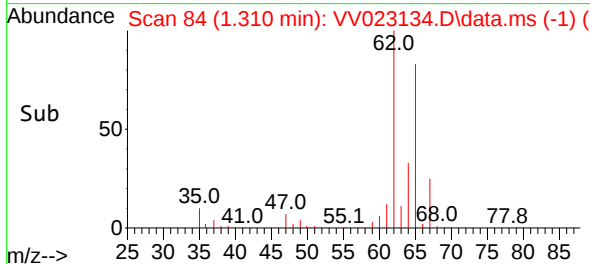
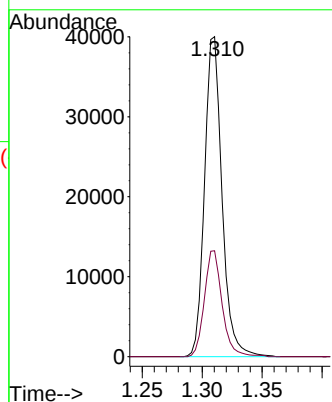
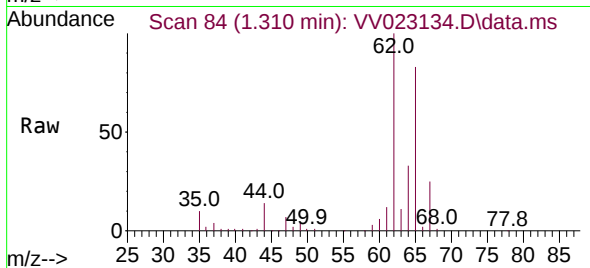




#5
 Vinyl chloride
 Concen: 4.286 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

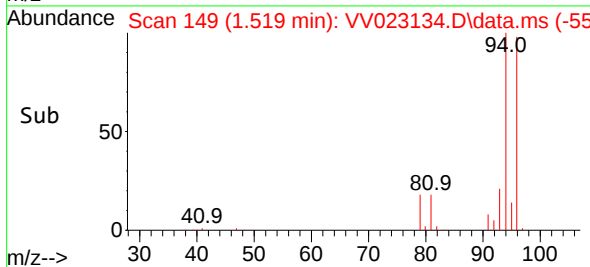
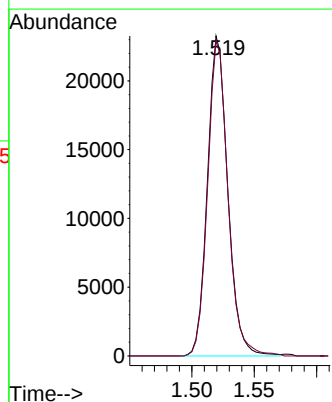
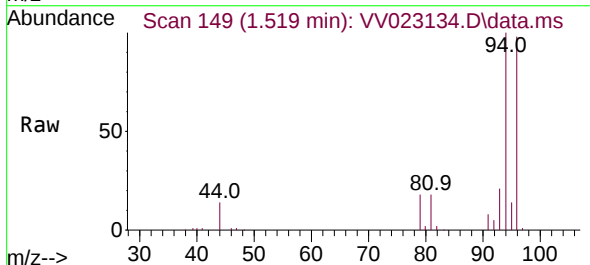
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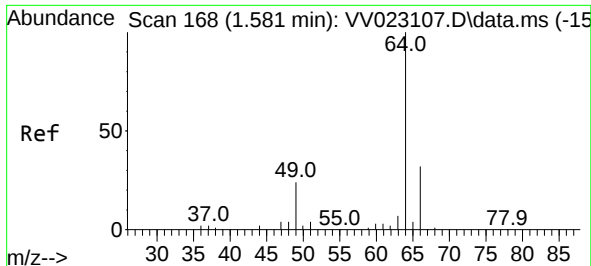
Tgt Ion: 62 Resp: 40648
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 5.523 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

Tgt Ion: 94 Resp: 26462
 Ion Ratio Lower Upper
 94 100
 96 98.3 65.0 120.8

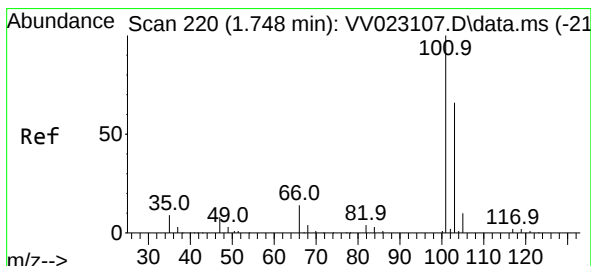
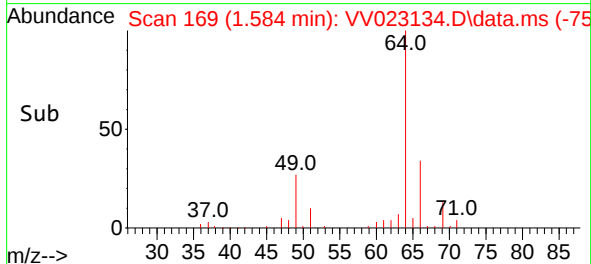
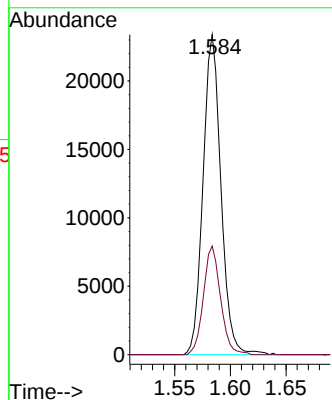
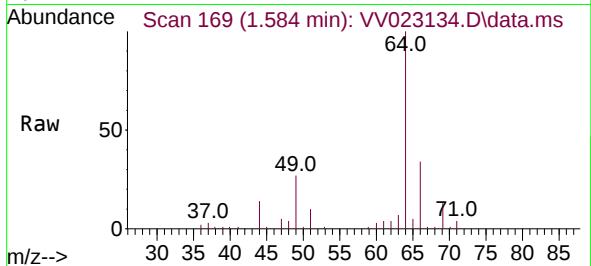




#8
Chloroethane
Concen: 5.269 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

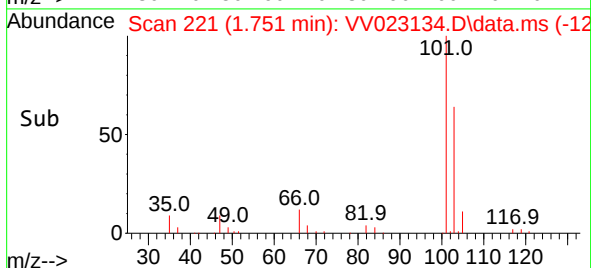
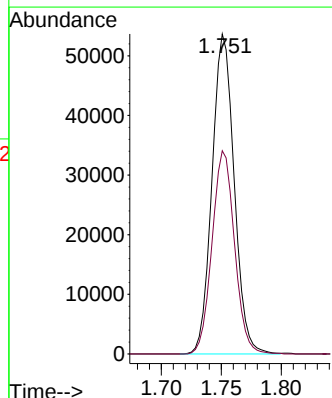
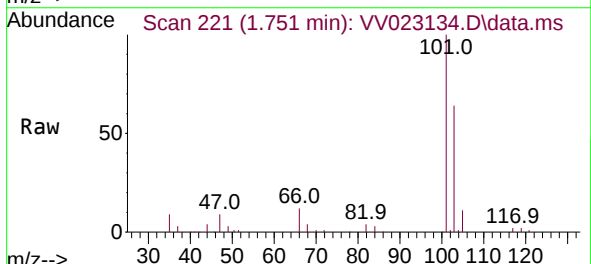
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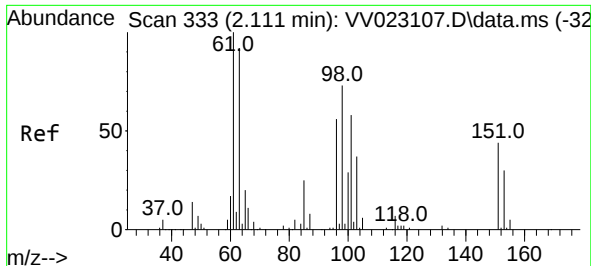
Tgt Ion: 64 Resp: 26130
Ion Ratio Lower Upper
64 100
66 33.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.376 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion:101 Resp: 68801
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

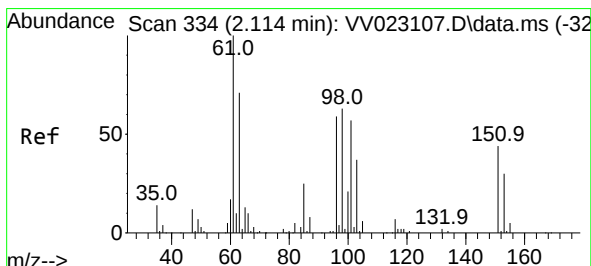
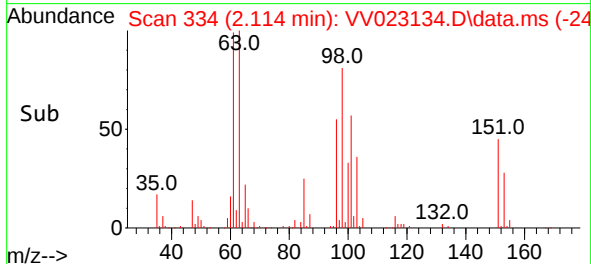
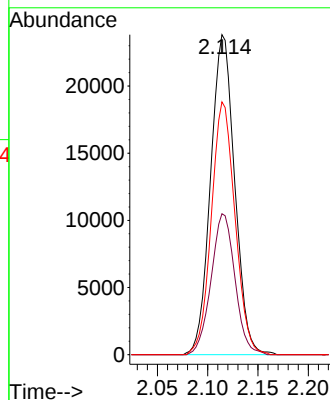
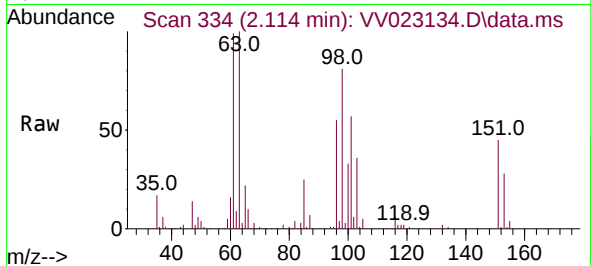




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.438 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

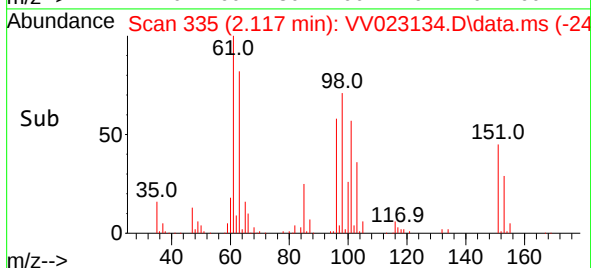
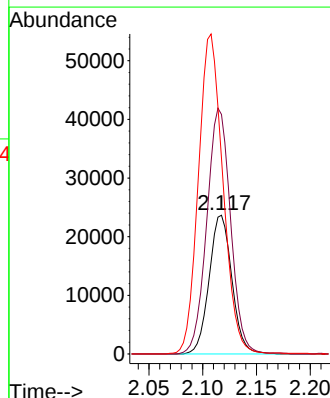
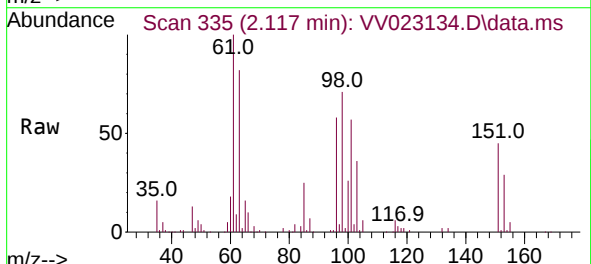
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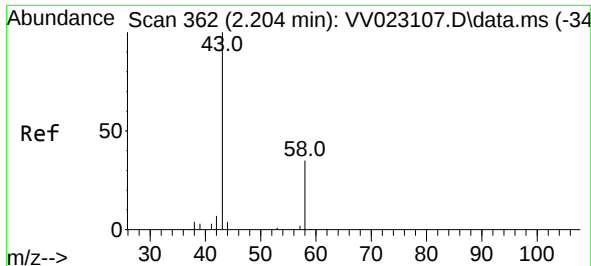
Tgt Ion:101 Resp: 39688
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 77.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.072 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

Tgt Ion: 96 Resp: 34770
 Ion Ratio Lower Upper
 96 100
 61 172.7 121.5 225.7
 63 141.2 99.6 185.0





#13

Acetone

Concen: 48.737 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

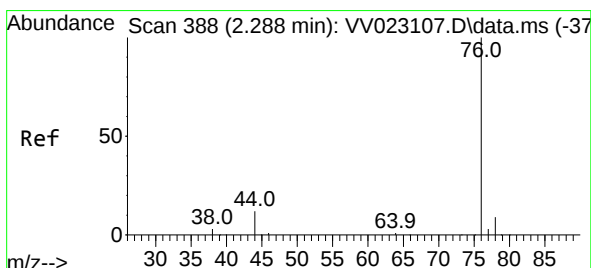
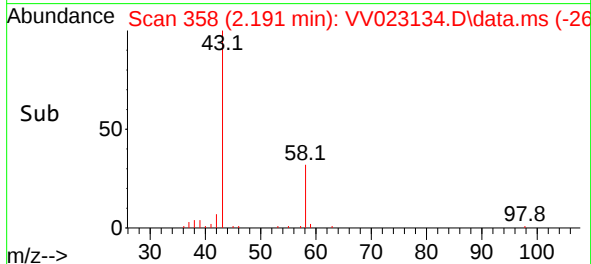
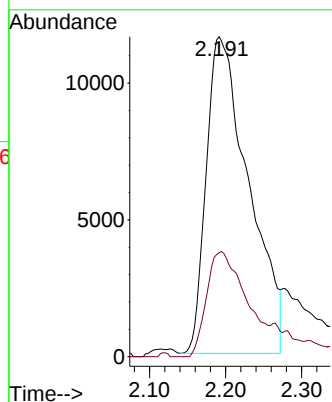
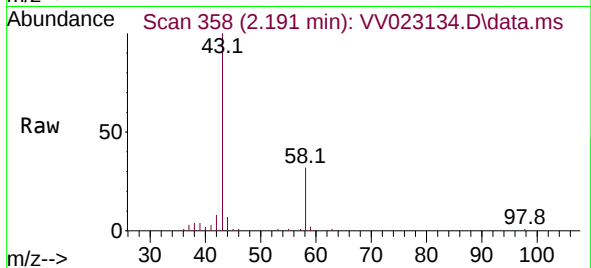
ClientSampleId :

Tgt Ion: 43 Resp: 44882

Ion Ratio Lower Upper

43 100

58 31.3 0.0 55.4



#14

Carbon disulfide

Concen: 5.666 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV023134.D

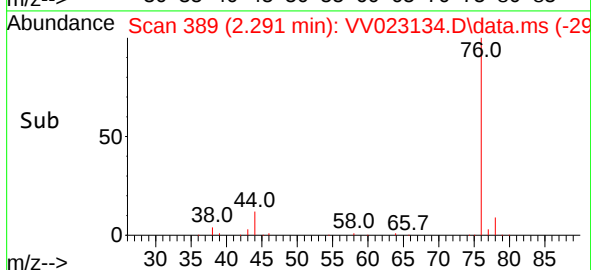
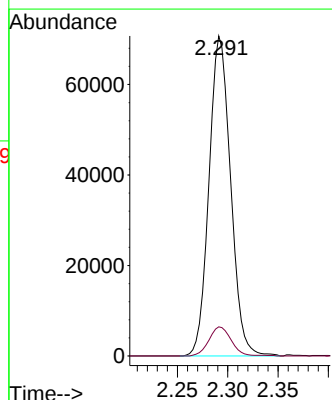
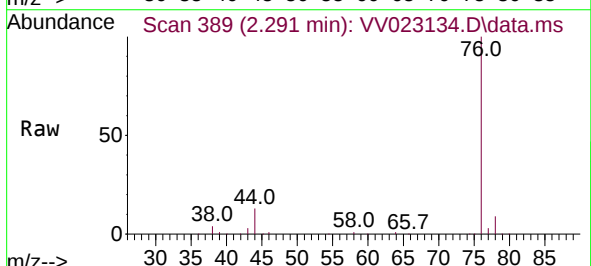
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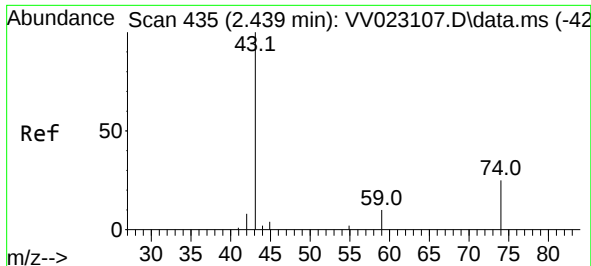
Tgt Ion: 76 Resp: 105780

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 3.252 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

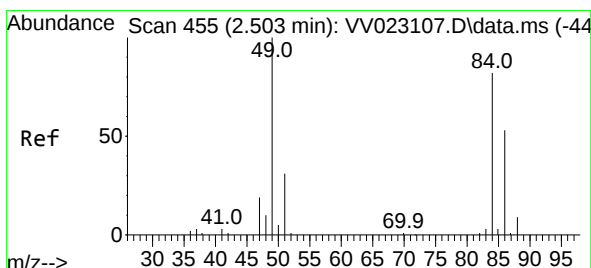
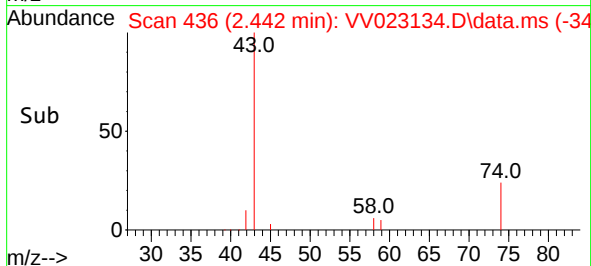
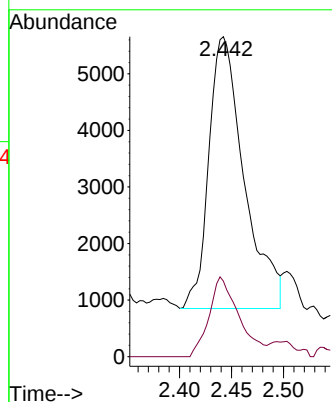
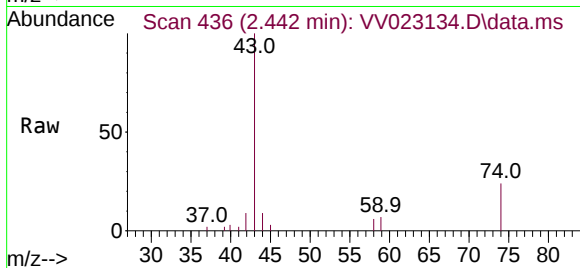
ClientSampleId :

Tgt Ion: 43 Resp: 11394

Ion Ratio Lower Upper

43 100

74 24.9 22.2 33.2



#16

Methylene chloride

Concen: 5.898 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

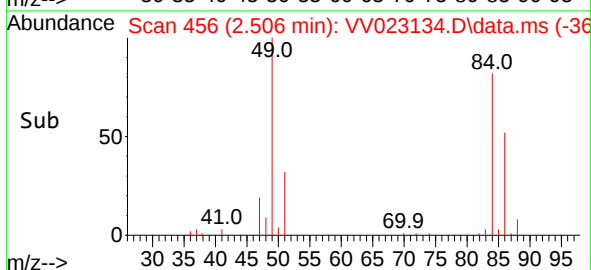
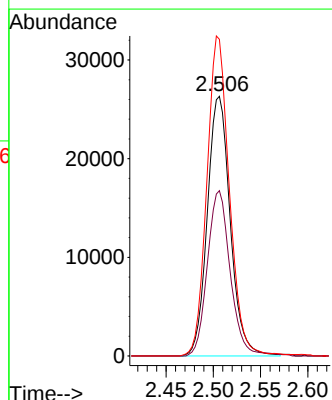
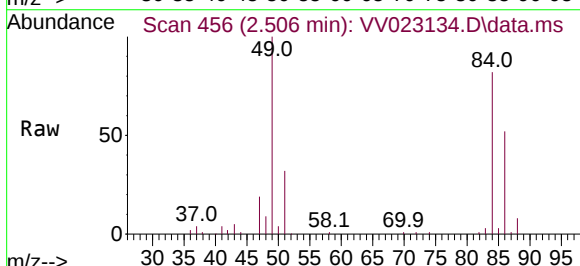
Tgt Ion: 84 Resp: 44415

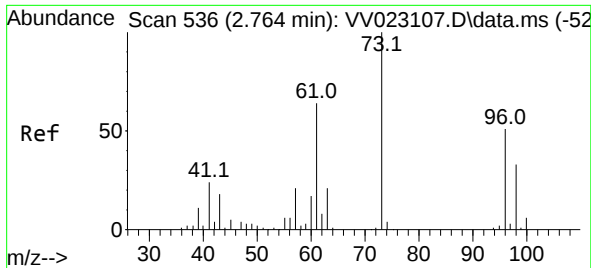
Ion Ratio Lower Upper

84 100

86 63.7 42.3 78.5

49 121.9 79.7 148.1

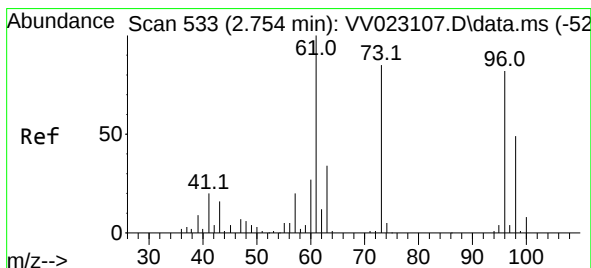
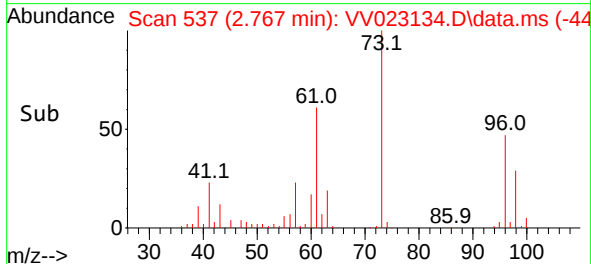
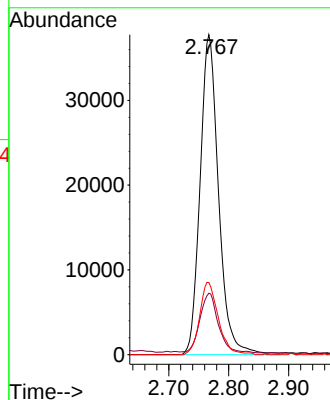
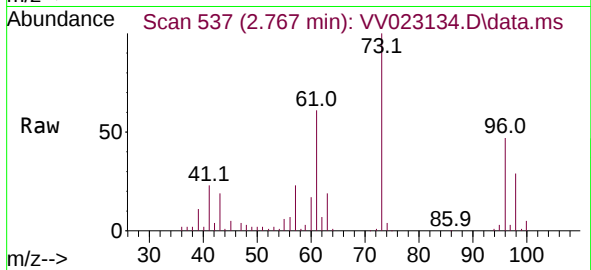




#17
Methyl tert-butyl Ether
Concen: 4.956 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

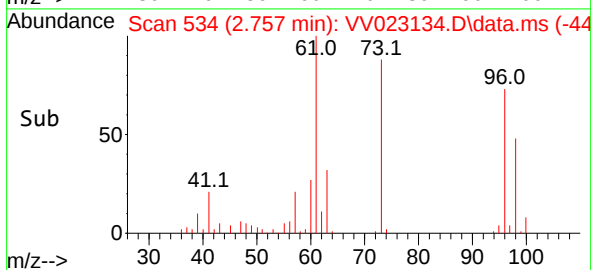
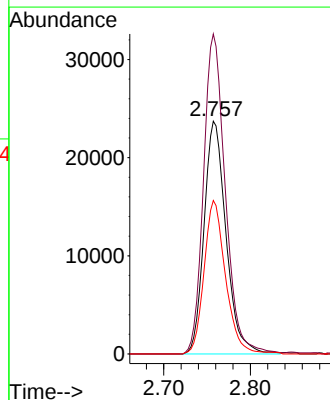
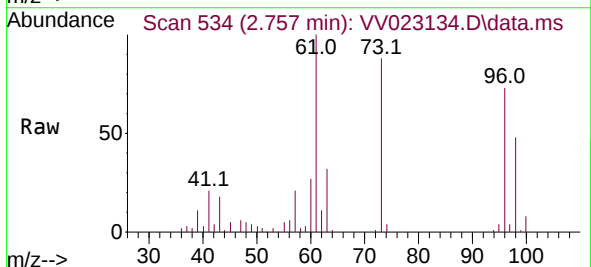
Instrument :
MSVOA_V
ClientSampleId :

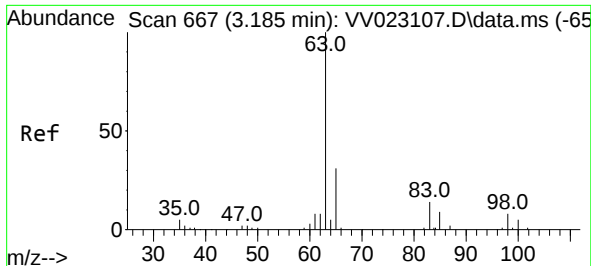
Tgt Ion: 73 Resp: 81114
Ion Ratio Lower Upper
73 100
43 17.4 17.4 26.0
57 22.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.719 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion: 96 Resp: 41859
Ion Ratio Lower Upper
96 100
61 137.4 93.2 173.2
98 65.9 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.940 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

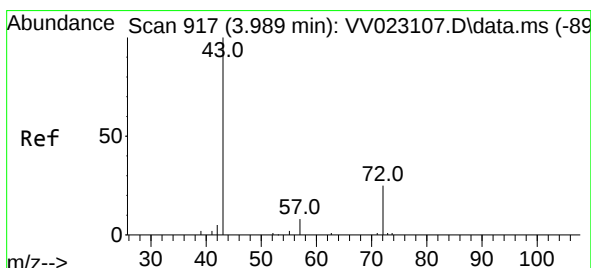
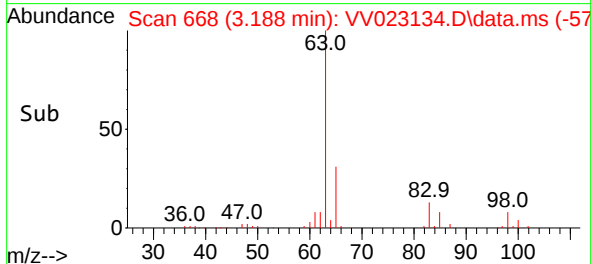
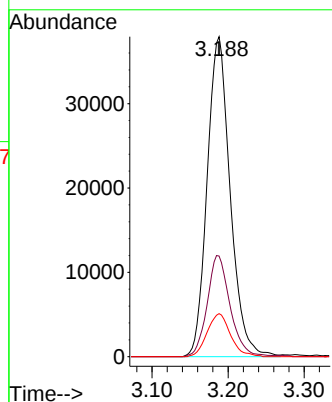
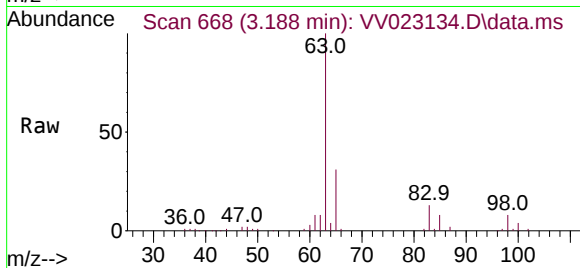
Tgt Ion: 63 Resp: 79881

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 13.5 11.1 20.7



#21

2-Butanone

Concen: 38.018 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV023134.D

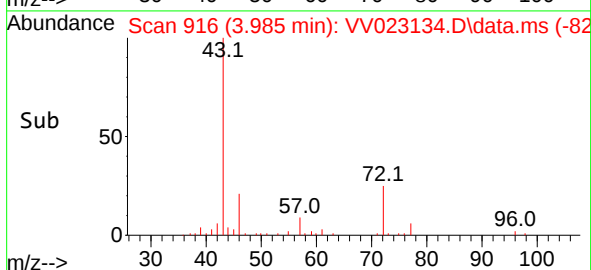
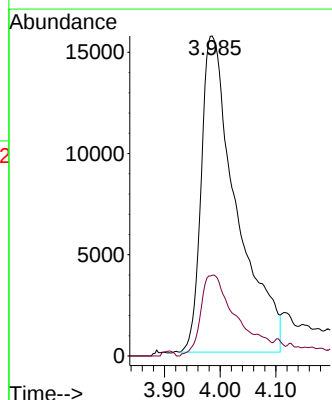
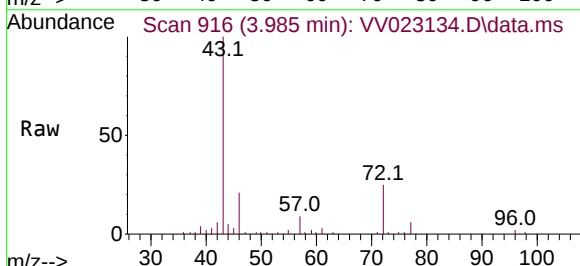
Acq: 02 Nov 2021 09:28

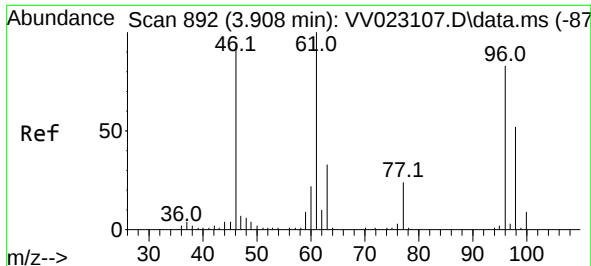
Tgt Ion: 43 Resp: 68540

Ion Ratio Lower Upper

43 100

72 26.3 11.9 35.9

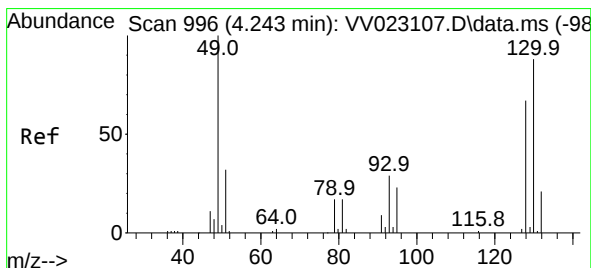
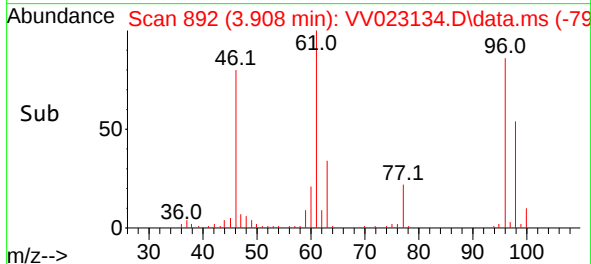
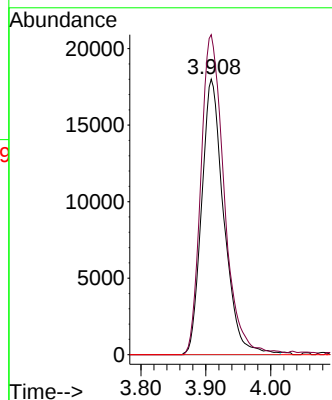
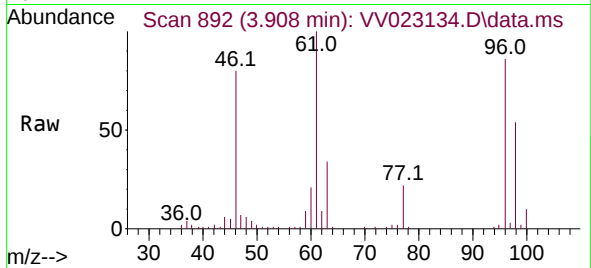




#22
 cis-1,2-Dichloroethene
 Concen: 5.162 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

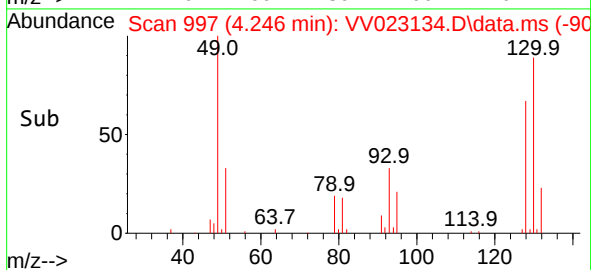
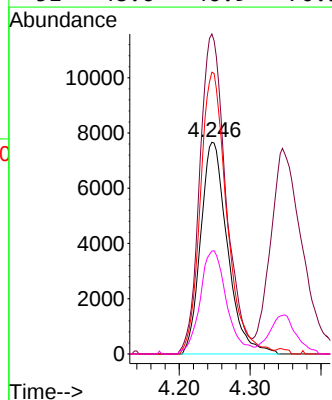
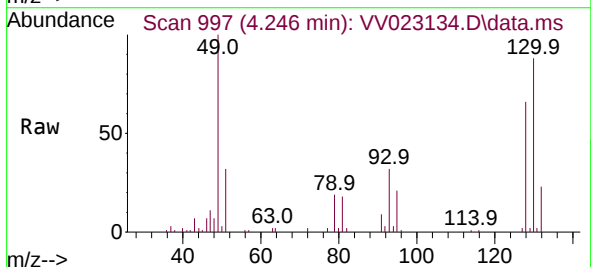
Instrument :
 MSVOA_V
 ClientSampleId :

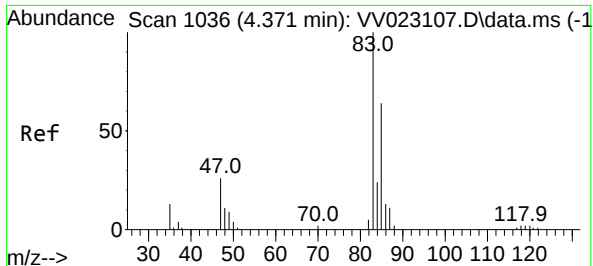
Tgt Ion: 96 Resp: 42838
 Ion Ratio Lower Upper
 96 100
 61 116.1 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.322 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV023134.D
 Acq: 02 Nov 2021 09:28

Tgt Ion: 128 Resp: 20050
 Ion Ratio Lower Upper
 128 100
 49 151.1 126.1 234.3
 130 133.0 95.2 176.8
 51 48.6 46.9 70.3





#25

Chloroform

Concen: 4.674 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

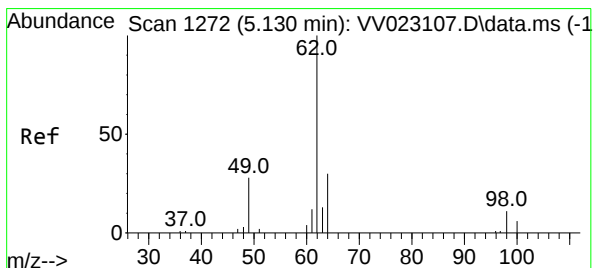
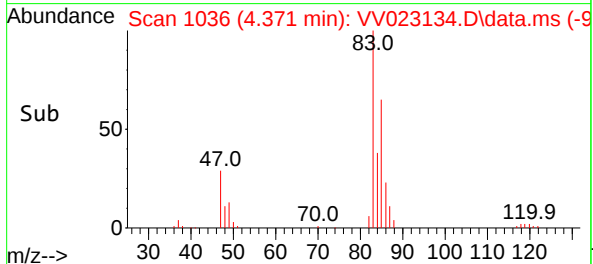
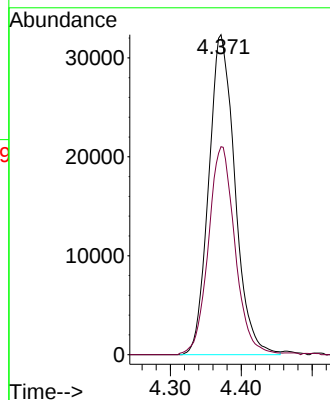
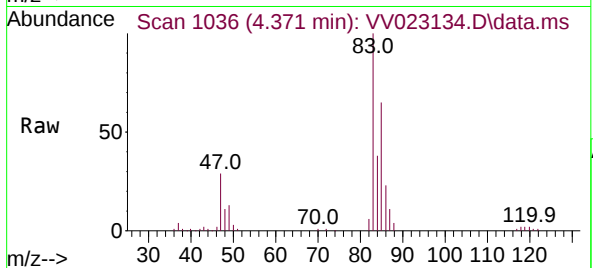
ClientSampleId :

Tgt Ion: 83 Resp: 83059

Ion Ratio Lower Upper

83 100

85 65.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.492 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV023134.D

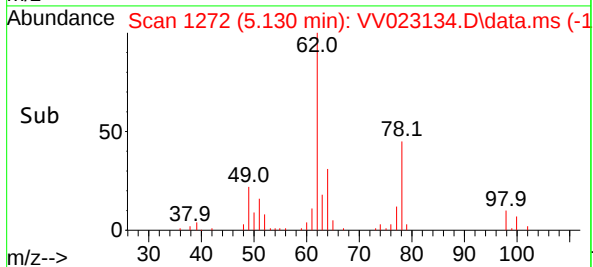
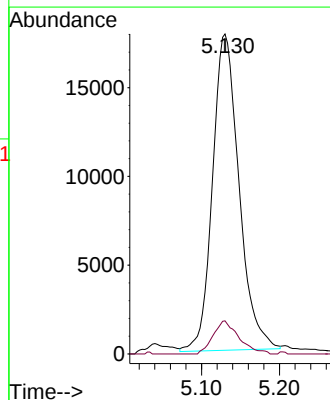
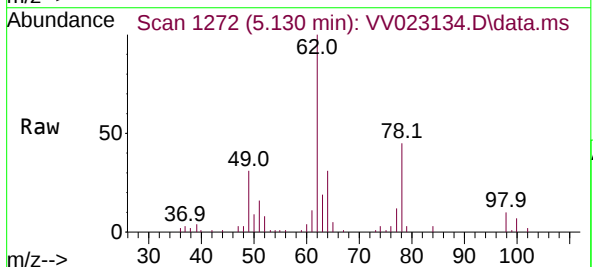
Acq: 02 Nov 2021 09:28

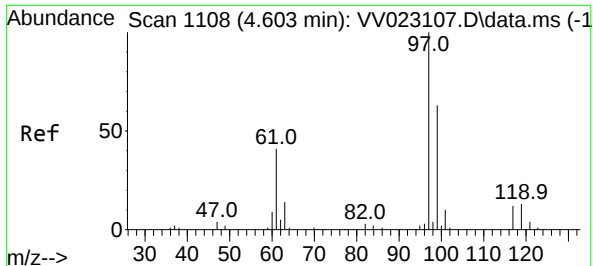
Tgt Ion: 62 Resp: 42098

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.789 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

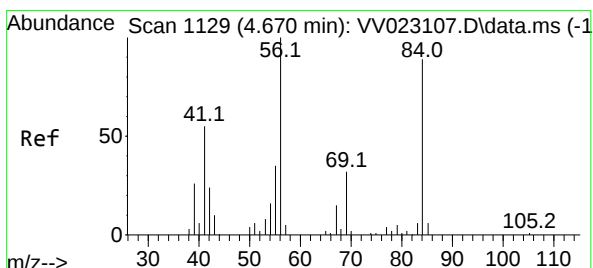
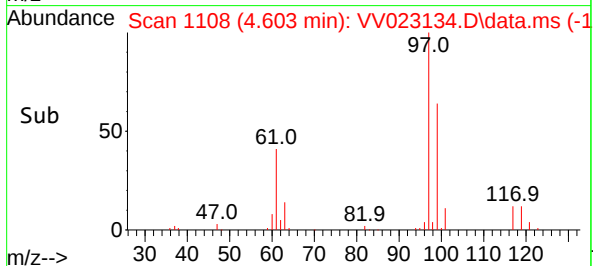
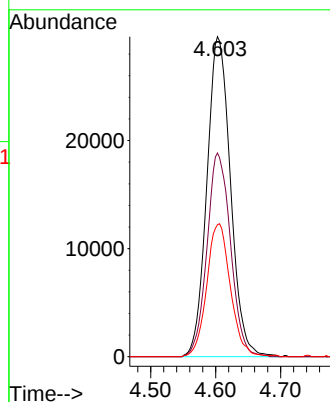
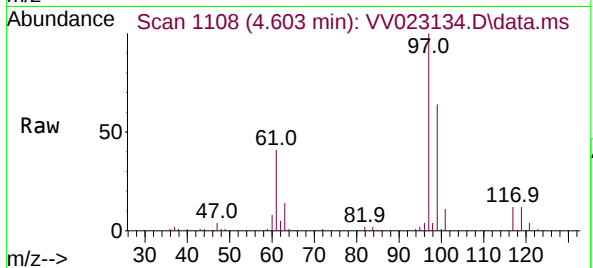
Tgt Ion: 97 Resp: 74852

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 41.6 34.1 51.1



#30

Cyclohexane

Concen: 4.149 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

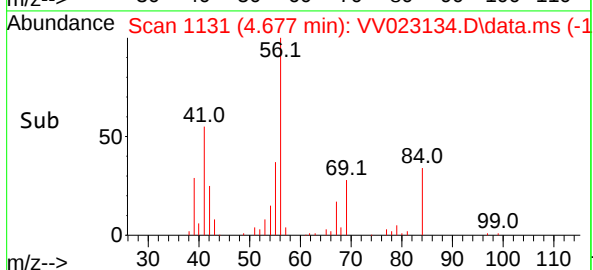
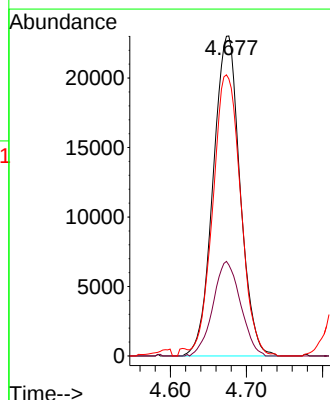
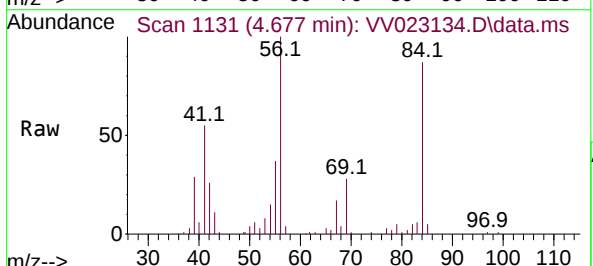
Tgt Ion: 56 Resp: 56623

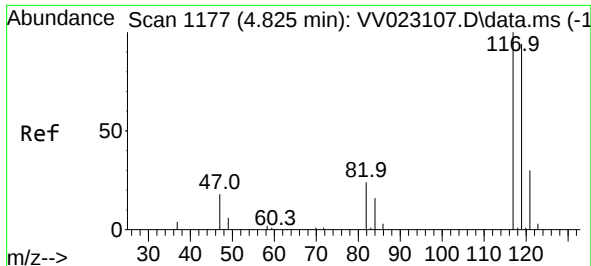
Ion Ratio Lower Upper

56 100

69 30.2 23.5 35.3

84 90.8 71.6 107.4

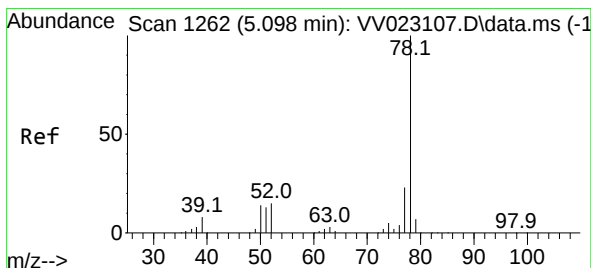
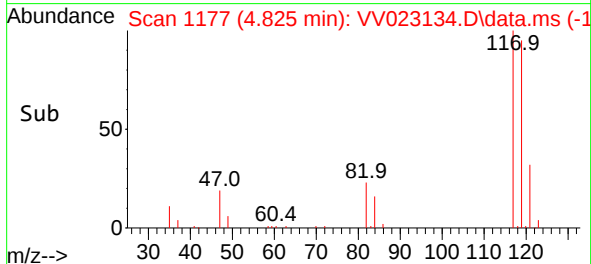
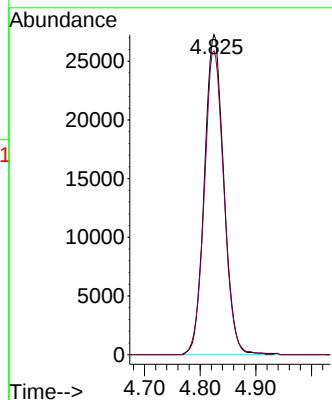
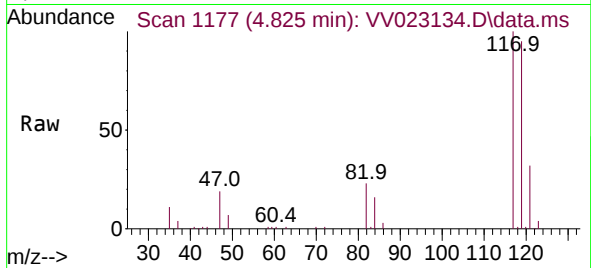




#31
Carbon tetrachloride
Concen: 4.911 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

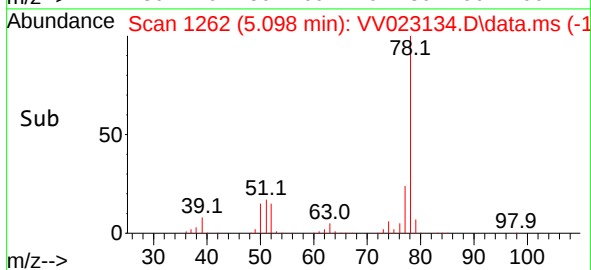
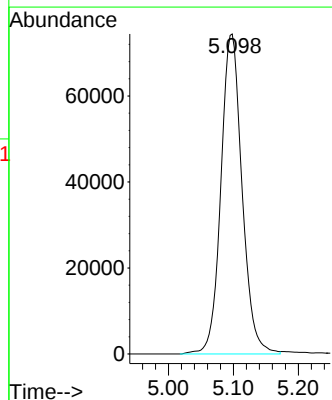
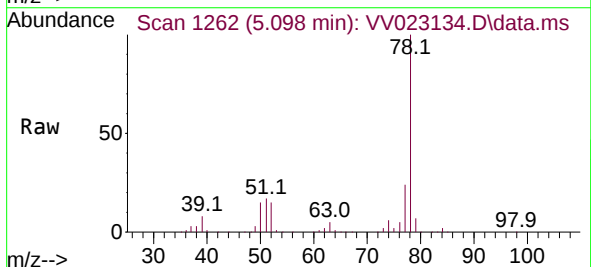
Instrument :
MSVOA_V
ClientSampleId :

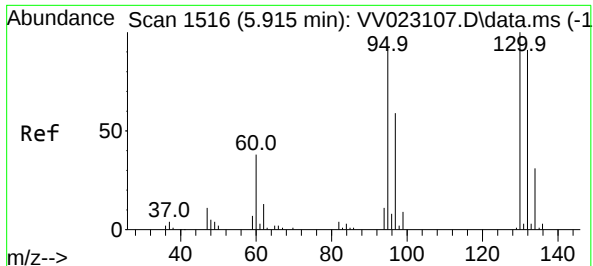
Tgt Ion:117 Resp: 66055
Ion Ratio Lower Upper
117 100
119 95.6 78.8 118.2



#33
Benzene
Concen: 4.513 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

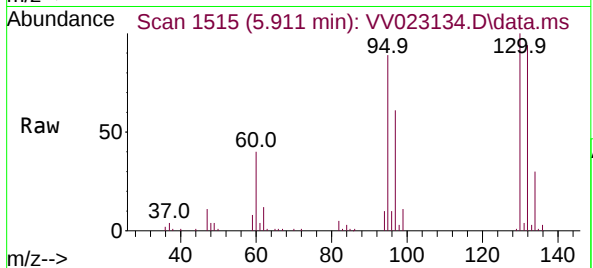
Tgt Ion: 78 Resp: 167998





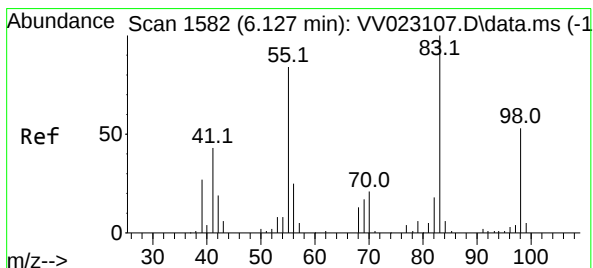
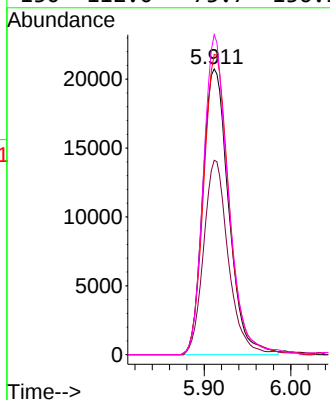
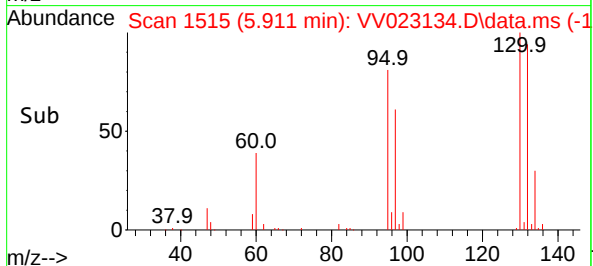
#34
Trichloroethene
Concen: 4.614 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :

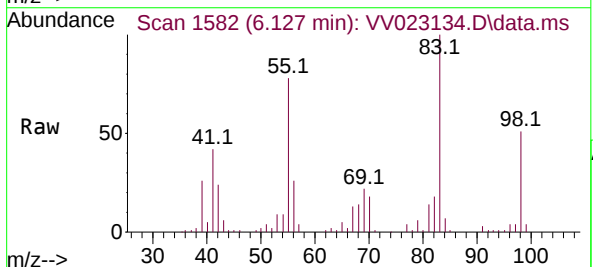


Tgt Ion: 95 Resp: 43147

Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.0	83.6
132	105.1	69.7	129.4
130	112.0	73.7	136.9

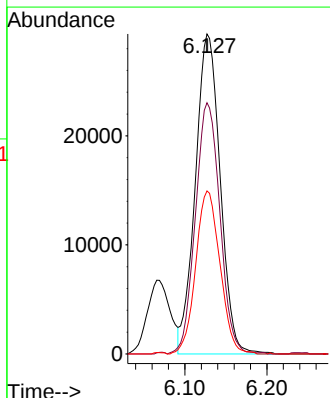
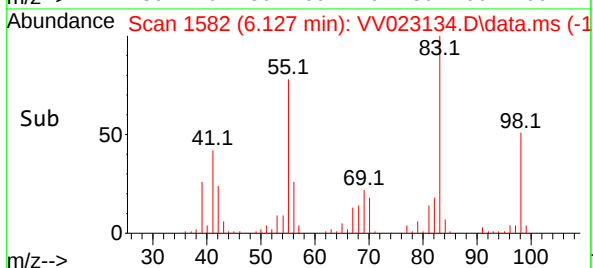


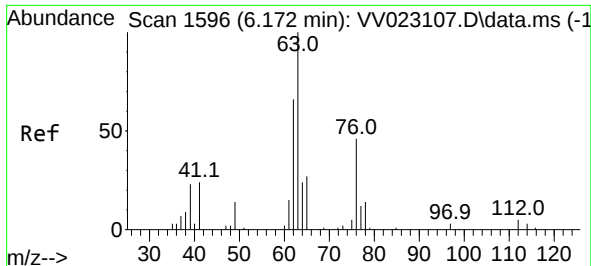
#35
Methylcyclohexane
Concen: 4.616 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28



Tgt Ion: 83 Resp: 61806

Ion	Ratio	Lower	Upper
83	100		
55	77.4	62.8	94.2
98	49.8	37.9	56.9





#37

1,2-Dichloropropane

Concen: 4.411 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

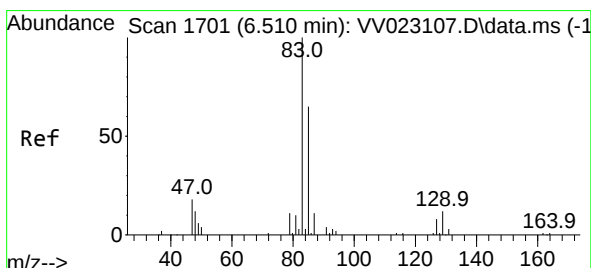
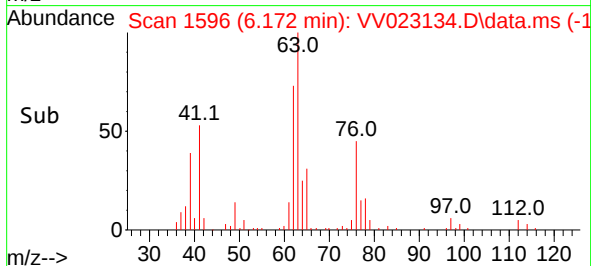
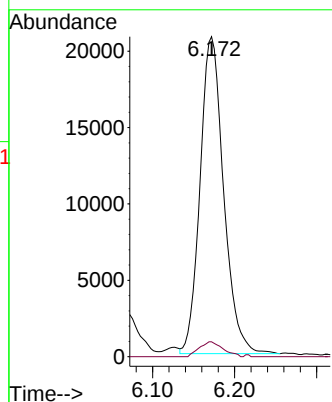
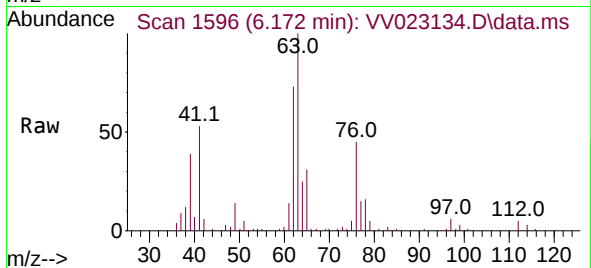
ClientSampleId :

Tgt Ion: 63 Resp: 41390

Ion Ratio Lower Upper

63 100

112 4.7 4.6 6.8



#38

Bromodichloromethane

Concen: 4.794 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

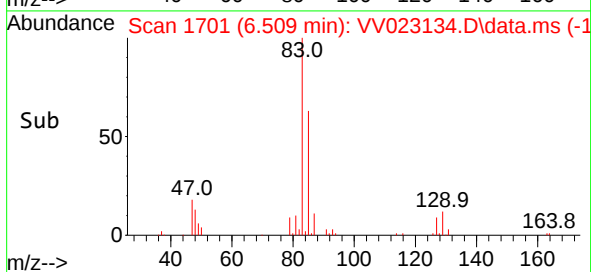
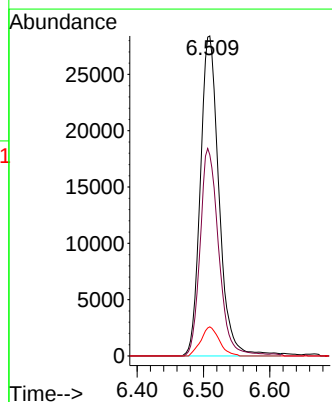
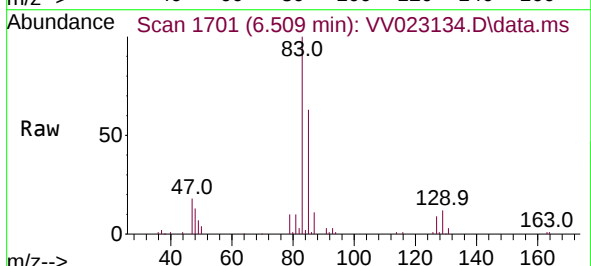
Tgt Ion: 83 Resp: 55484

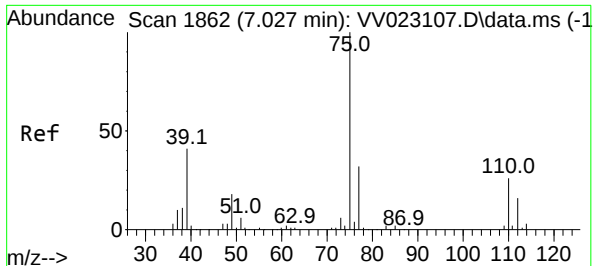
Ion Ratio Lower Upper

83 100

85 62.8 46.1 85.7

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.864 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

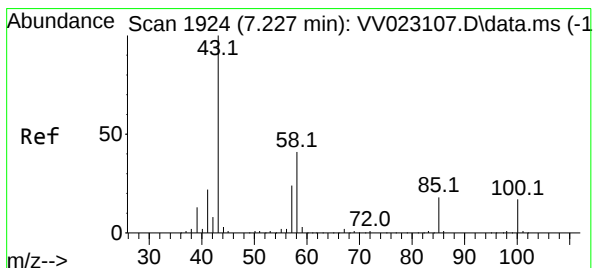
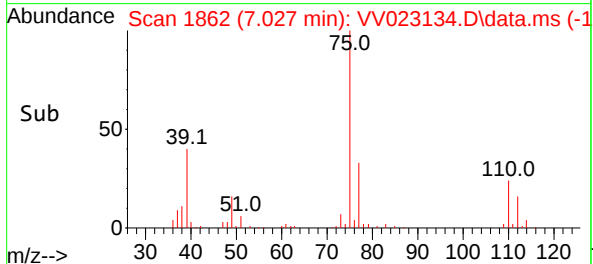
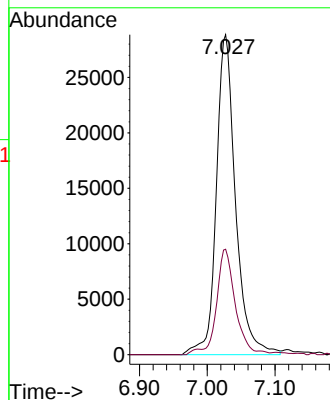
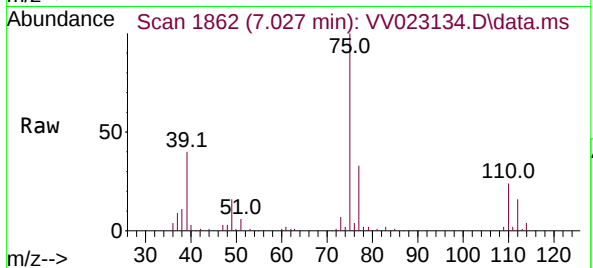
ClientSampleId :

Tgt Ion: 75 Resp: 56822

Ion Ratio Lower Upper

75 100

77 33.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 46.876 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

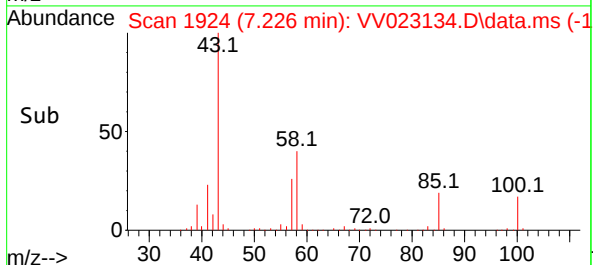
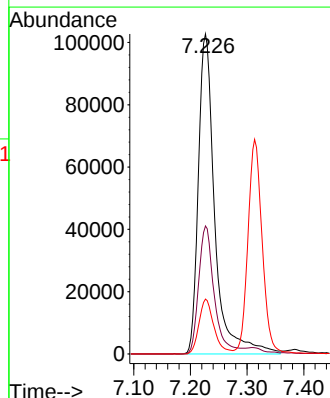
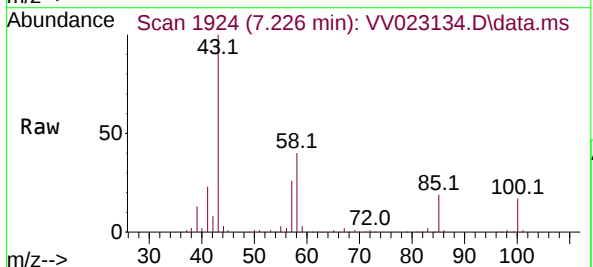
Tgt Ion: 43 Resp: 207051

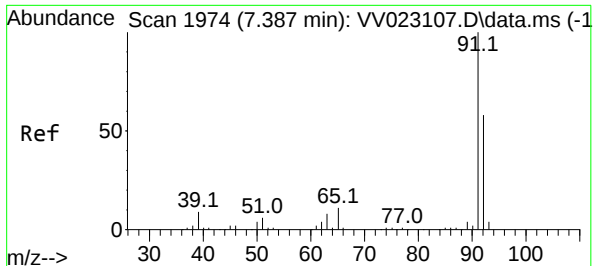
Ion Ratio Lower Upper

43 100

58 37.9 31.1 46.7

100 15.7 12.6 19.0





#42

Toluene

Concen: 5.028 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

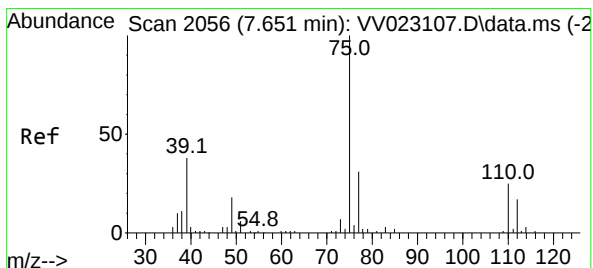
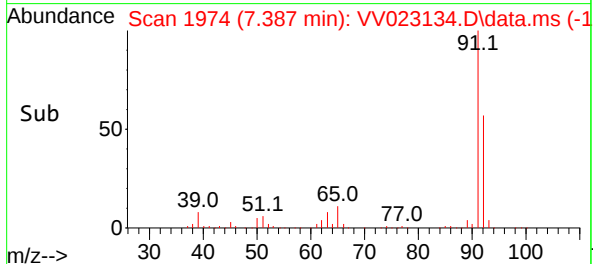
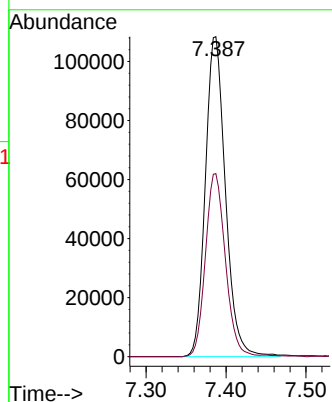
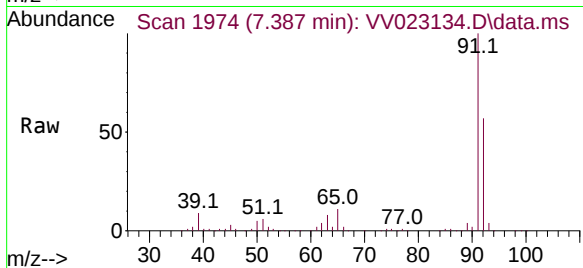
ClientSampleId :

Tgt Ion: 91 Resp: 189683

Ion Ratio Lower Upper

91 100

92 57.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.200 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV023134.D

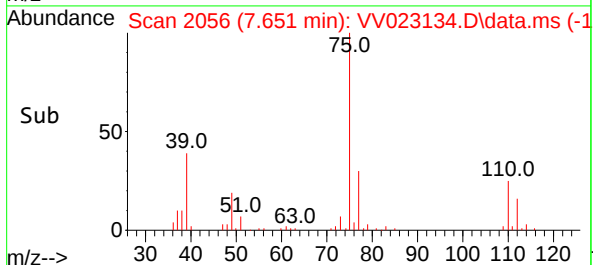
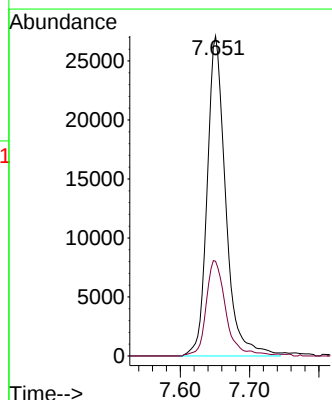
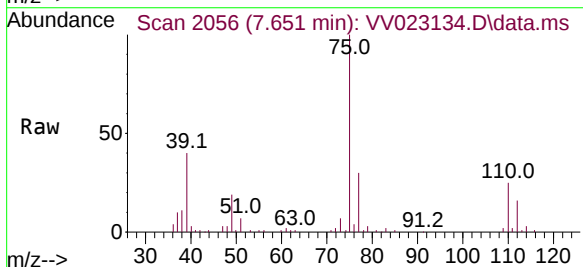
Acq: 02 Nov 2021 09:28

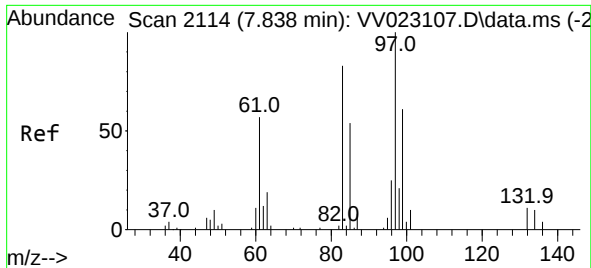
Tgt Ion: 75 Resp: 50261

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.7



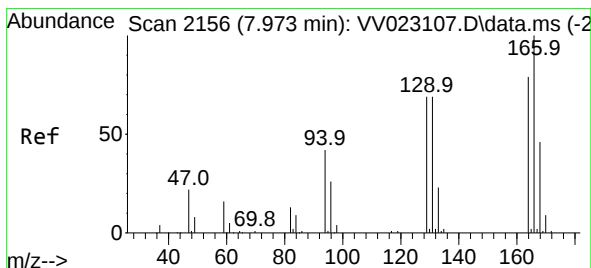
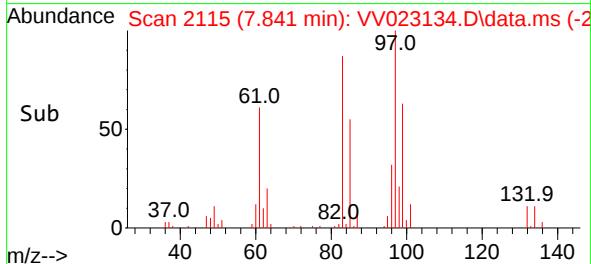
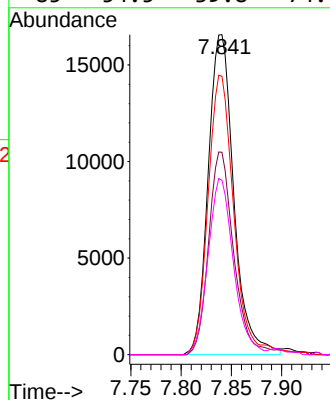
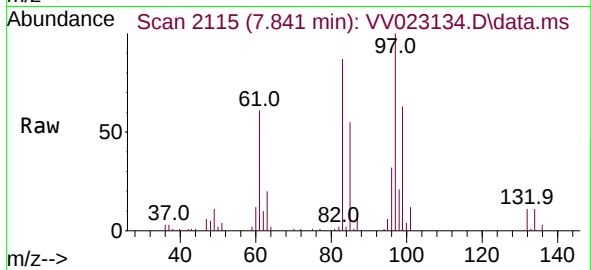


#45
1,1,2-Trichloroethane
Concen: 4.478 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 29393

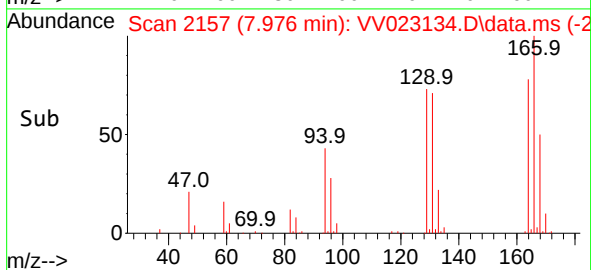
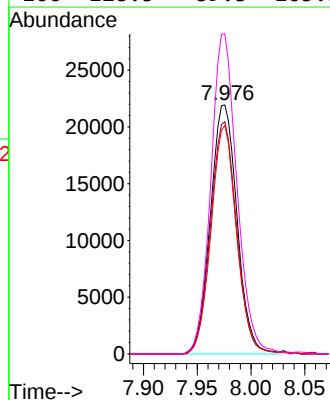
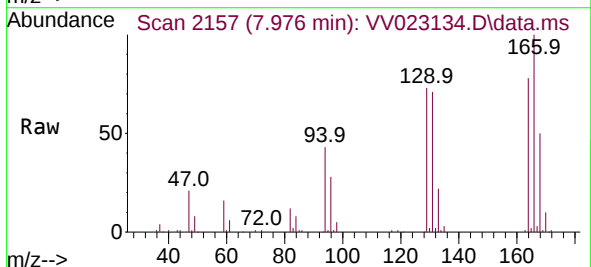
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.6	81.0
83	87.0	58.4	108.4
85	54.5	39.8	74.0

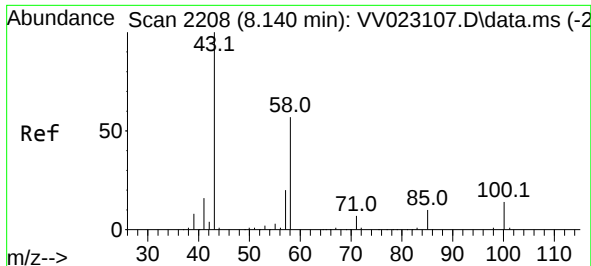


#47
Tetrachloroethene
Concen: 4.787 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion: 164 Resp: 37817

Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.0	119.0
131	91.7	63.4	117.8
166	128.5	89.3	165.9

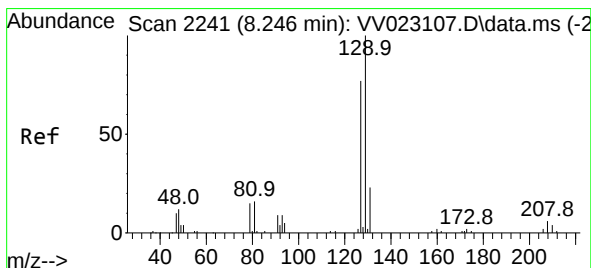
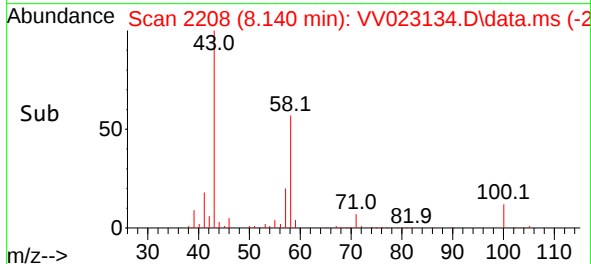
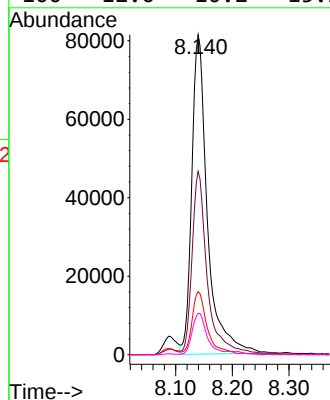
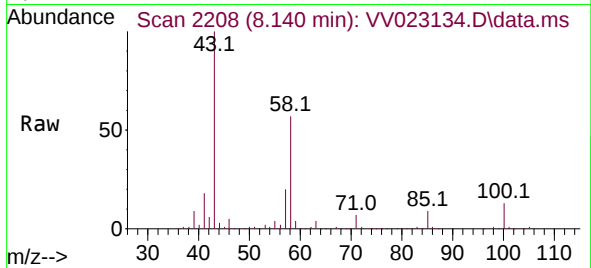




#48
2-Hexanone
Concen: 47.655 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

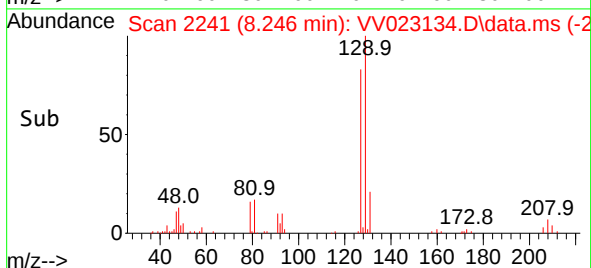
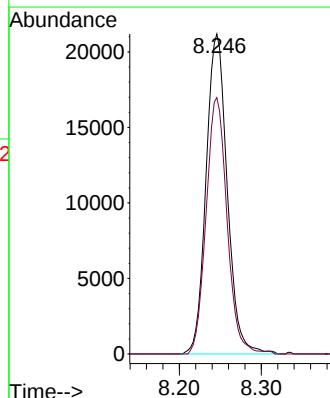
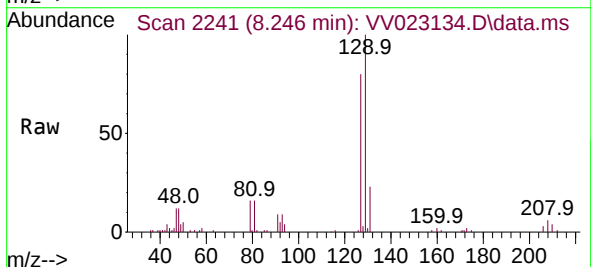
Instrument :
MSVOA_V
ClientSampleId :

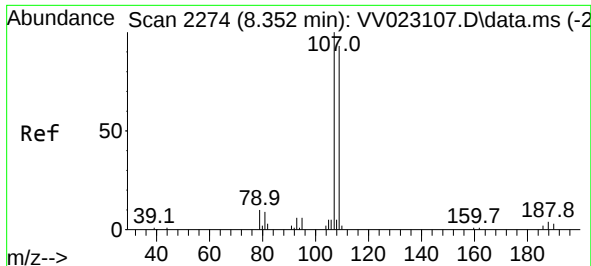
Tgt Ion: 43 Resp: 156253
Ion Ratio Lower Upper
43 100
58 55.2 43.7 65.5
57 19.5 14.1 21.1
100 12.0 10.2 15.2



#49
Dibromochloromethane
Concen: 4.862 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion: 129 Resp: 37970
Ion Ratio Lower Upper
129 100
127 80.1 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.761 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV023134.D

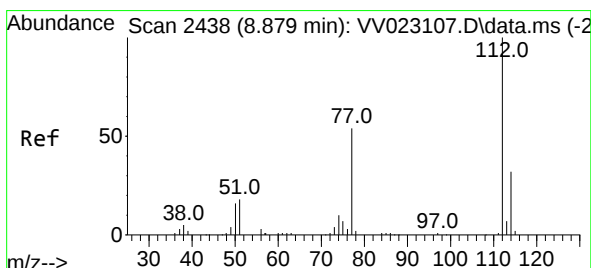
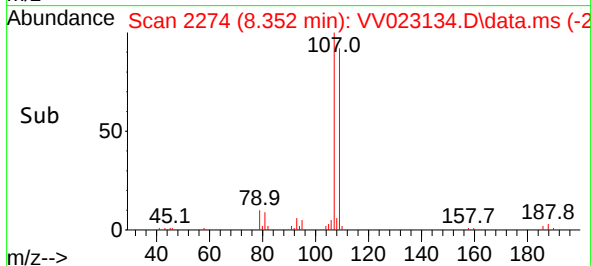
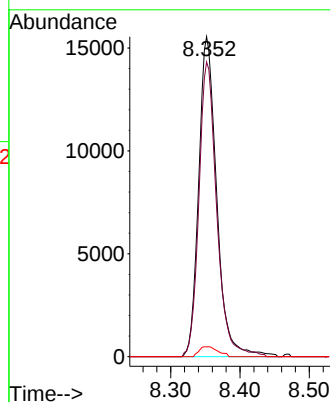
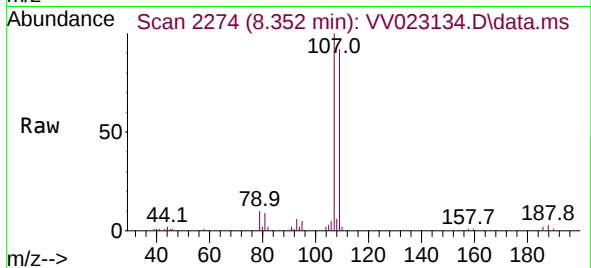
Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	28132
Ion	Ratio	Lower	Upper
107	100		
109	92.1	64.7	120.1
188	3.0	3.6	5.4#



#51

Chlorobenzene

Concen: 4.841 ug/L

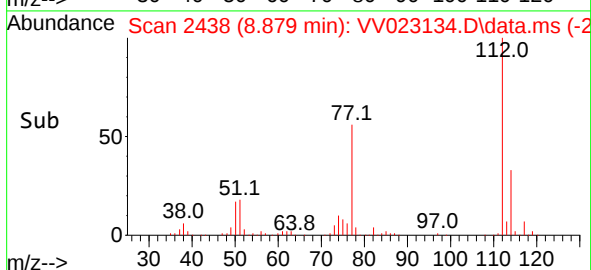
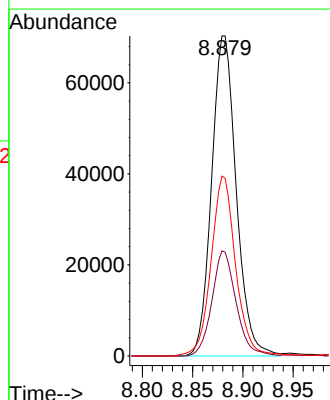
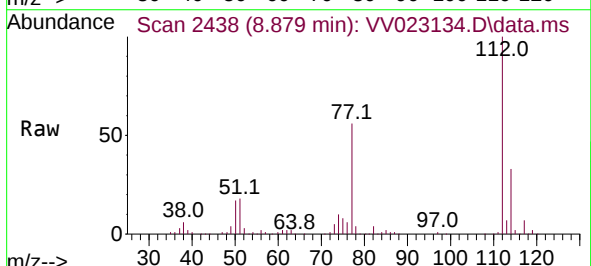
RT: 8.879 min Scan# 2438

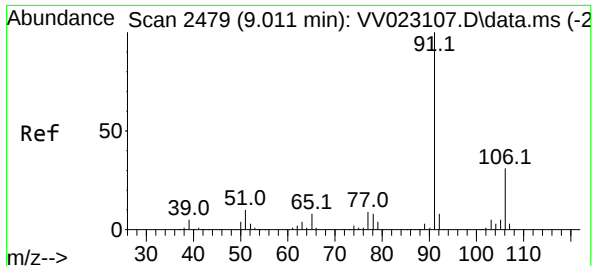
Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Tgt Ion:	112	Resp:	119958
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	40.8
77	56.2	44.4	66.6





#52

Ethylbenzene

Concen: 4.983 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

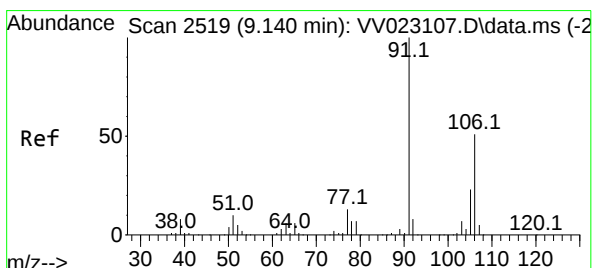
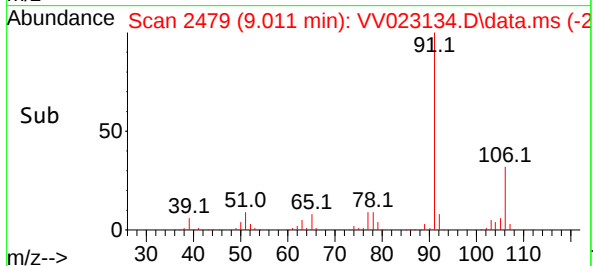
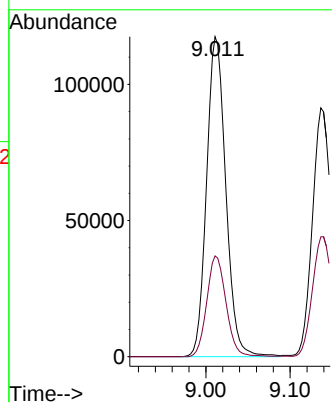
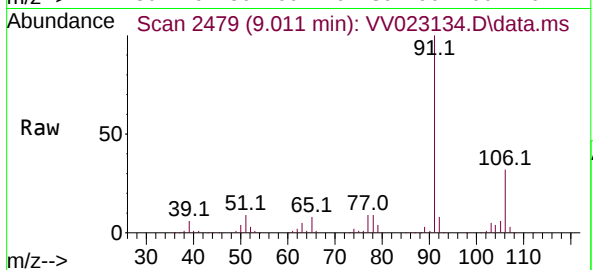
ClientSampleId :

Tgt Ion: 91 Resp: 186565

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.9



#53

m,p-xylene

Concen: 4.900 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023134.D

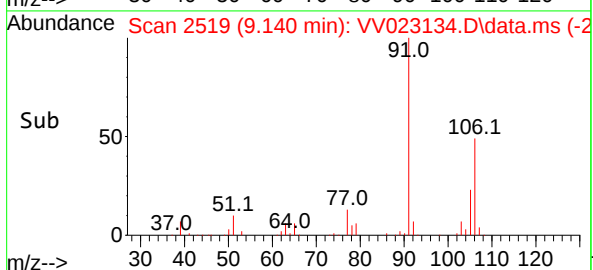
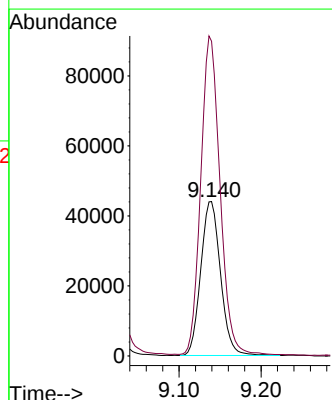
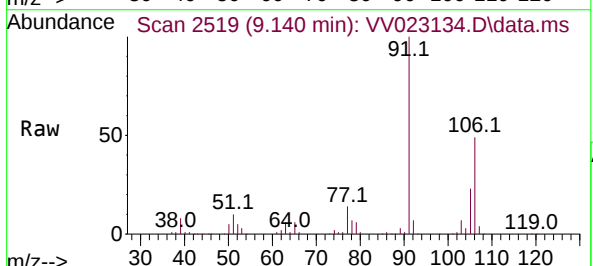
Acq: 02 Nov 2021 09:28

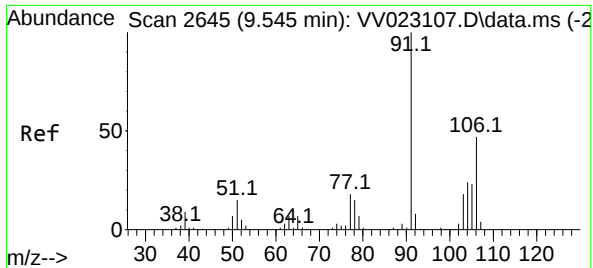
Tgt Ion: 106 Resp: 73566

Ion Ratio Lower Upper

106 100

91 203.8 137.2 254.8

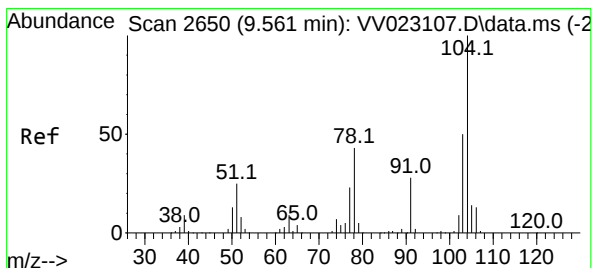
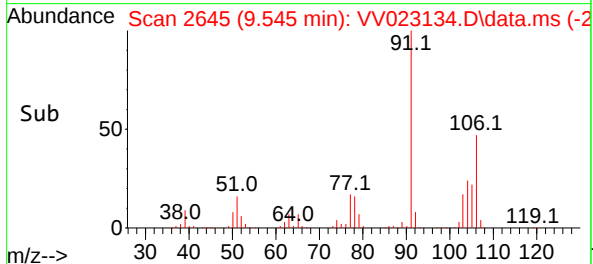
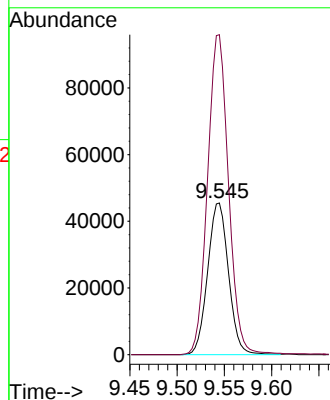
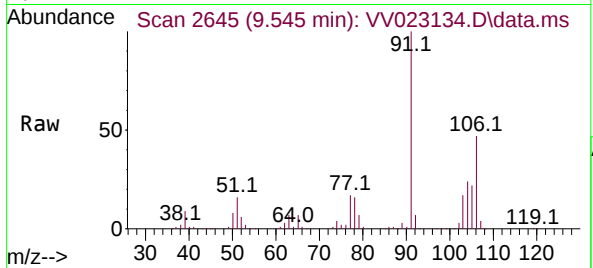




#54
o-xylene
Concen: 4.942 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

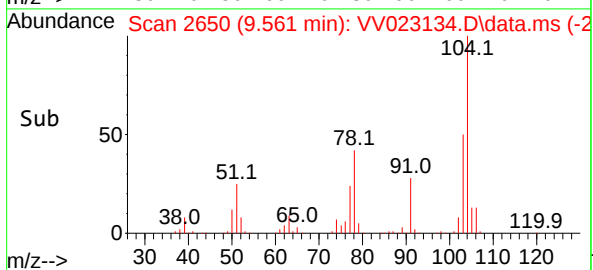
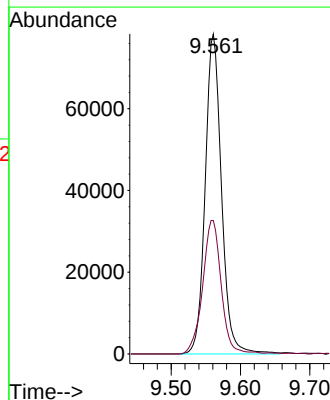
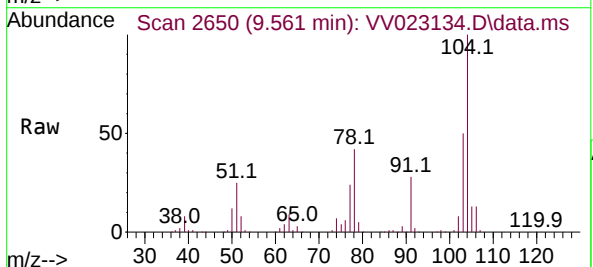
Instrument :
MSVOA_V
ClientSampleId :

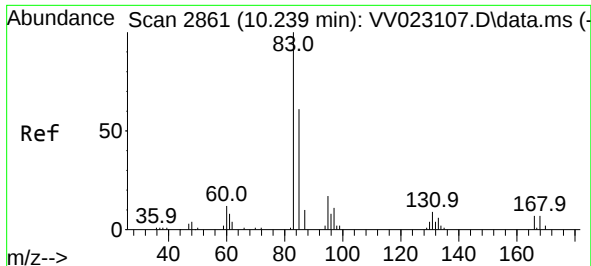
Tgt Ion:106 Resp: 69858
Ion Ratio Lower Upper
106 100
91 211.0 148.3 275.5



#55
Styrene
Concen: 5.233 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion:104 Resp: 127744
Ion Ratio Lower Upper
104 100
78 41.7 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.659 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV023134.D

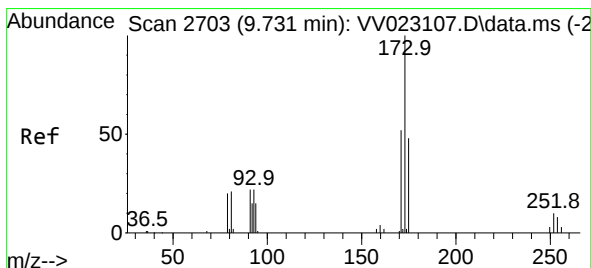
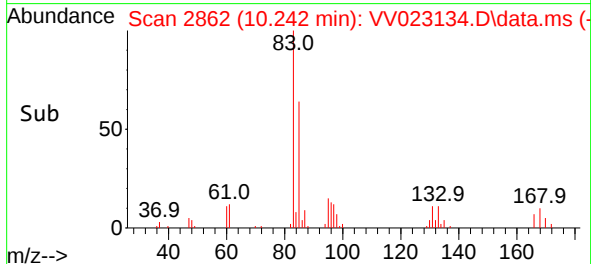
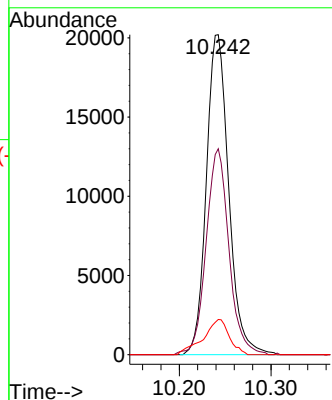
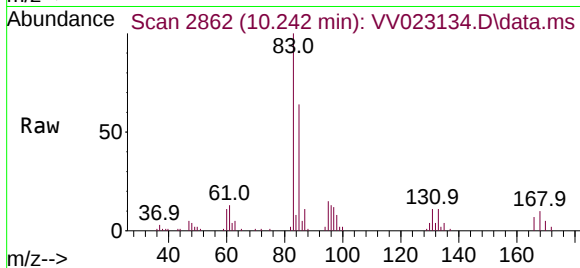
Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 34180
Ion Ratio	Lower Upper
83 100	
85 64.3	45.1 83.9
131 11.0	7.8 11.6



#59

Bromoform

Concen: 4.655 ug/L

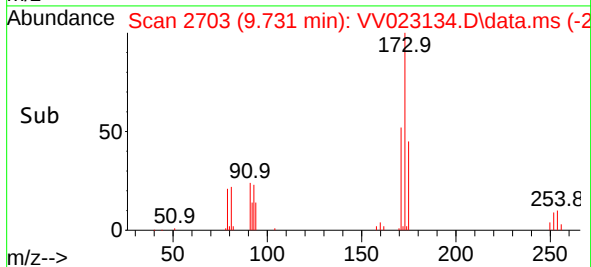
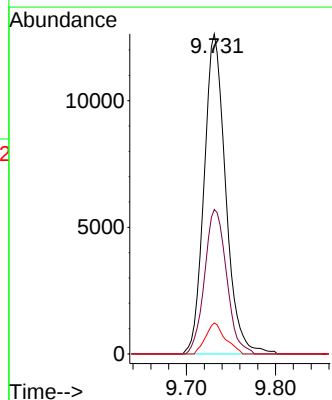
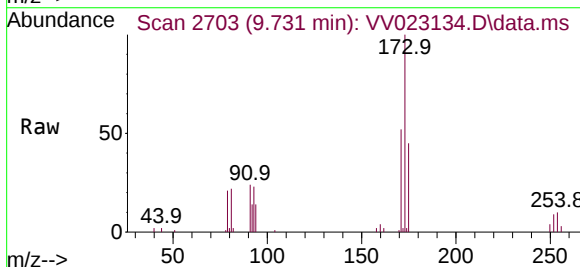
RT: 9.731 min Scan# 2703

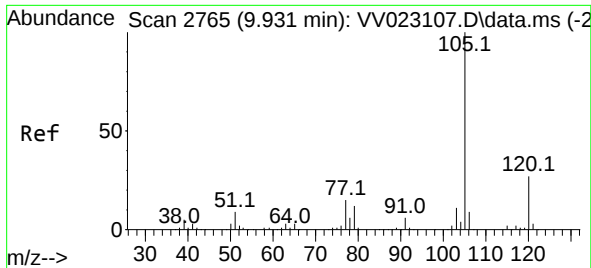
Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Tgt Ion: 173	Resp: 21231
Ion Ratio	Lower Upper
173 100	
175 46.0	38.2 57.2
254 8.8	6.2 9.2

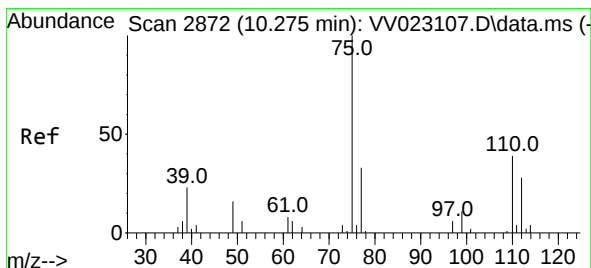
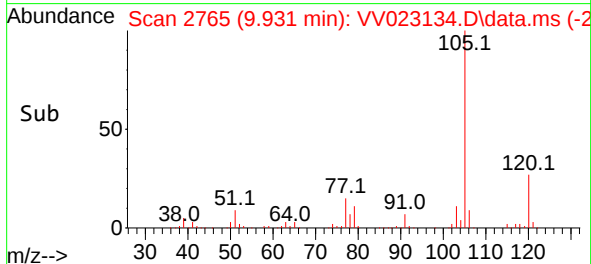
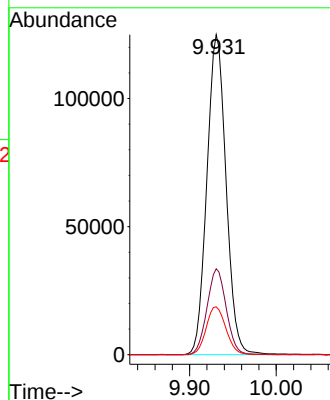
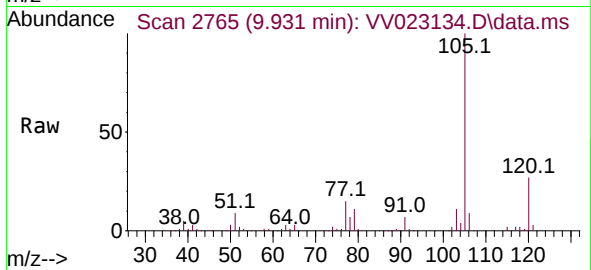




#60
Isopropylbenzene
Concen: 4.846 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

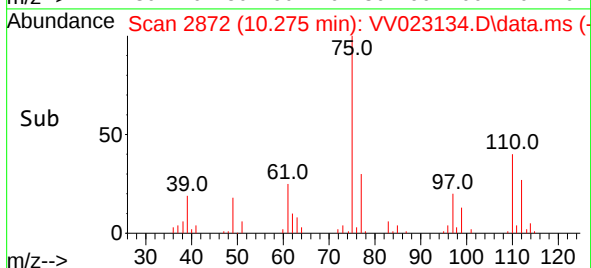
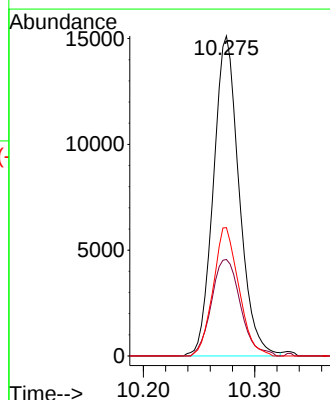
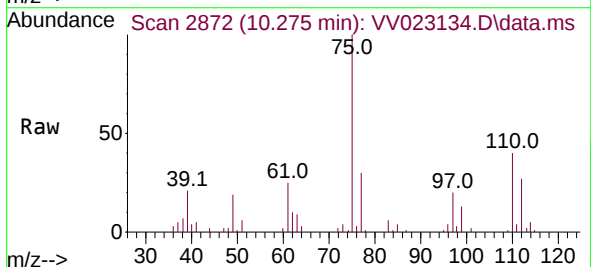
Instrument :
MSVOA_V
ClientSampleId :

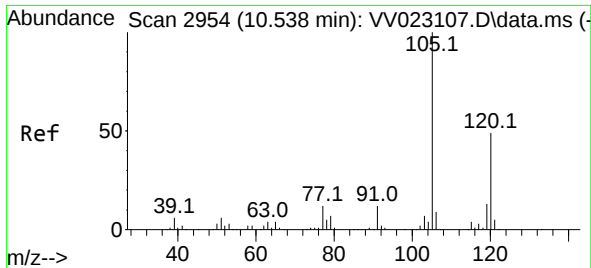
Tgt Ion:105 Resp: 191828
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.403 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion: 75 Resp: 24259
Ion Ratio Lower Upper
75 100
77 34.0 26.6 39.8
110 40.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.711 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

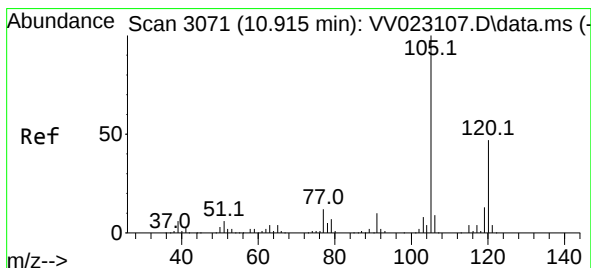
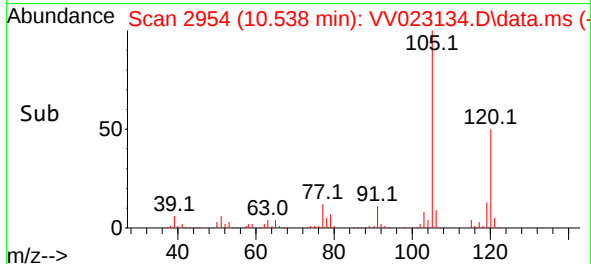
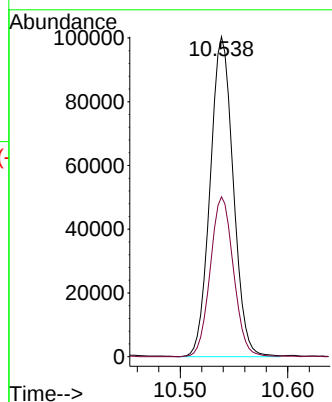
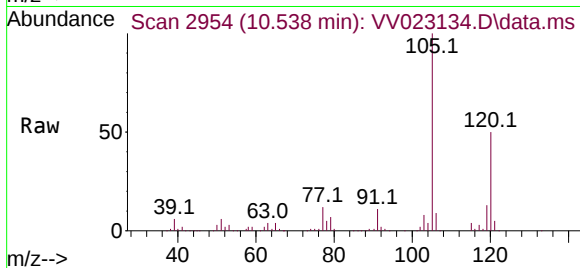
ClientSampleId :

Tgt Ion:105 Resp: 149816

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.931 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023134.D

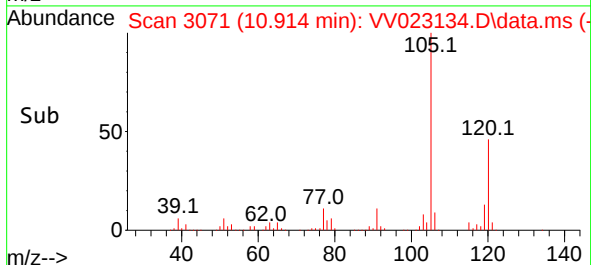
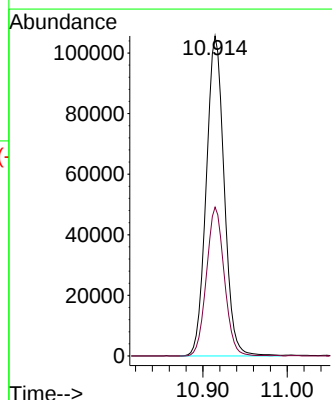
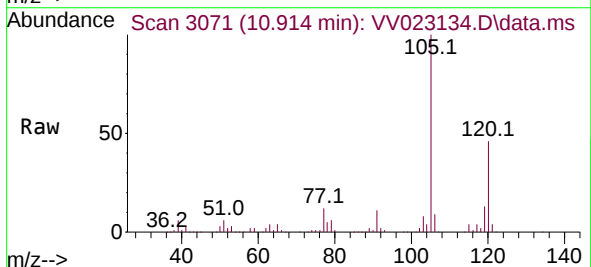
Acq: 02 Nov 2021 09:28

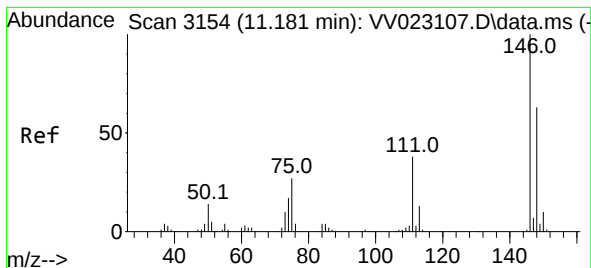
Tgt Ion:105 Resp: 156510

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 4.849 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

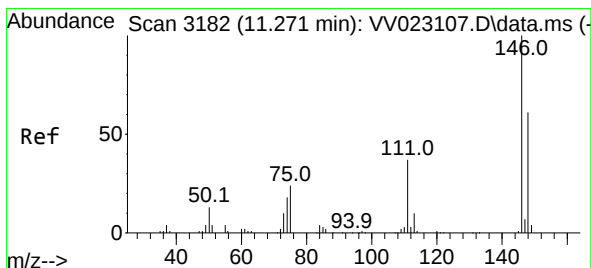
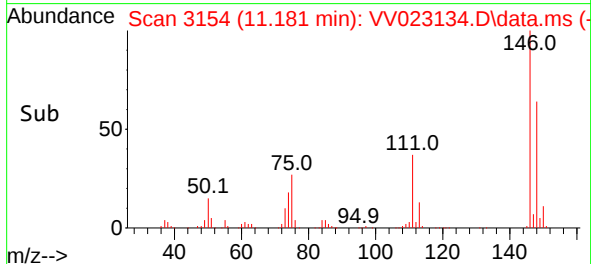
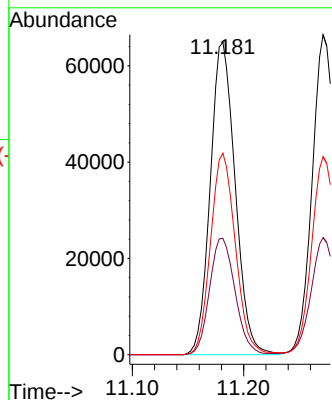
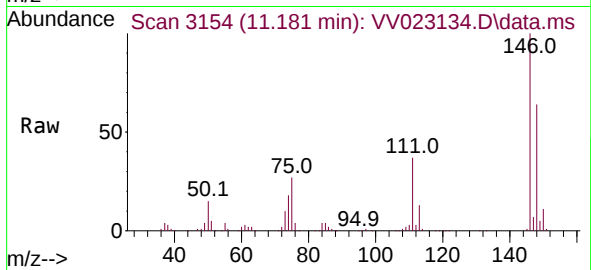
Tgt Ion:146 Resp: 101006

Ion Ratio Lower Upper

146 100

111 37.2 26.7 49.7

148 64.5 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 4.794 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

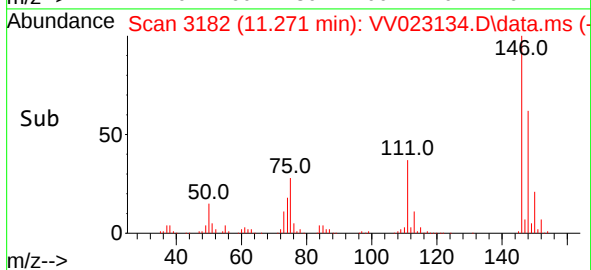
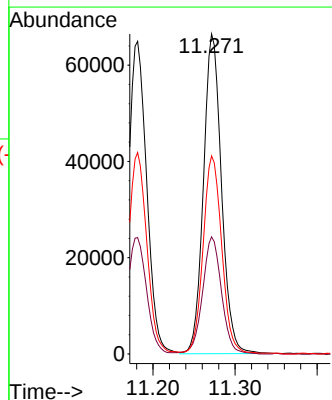
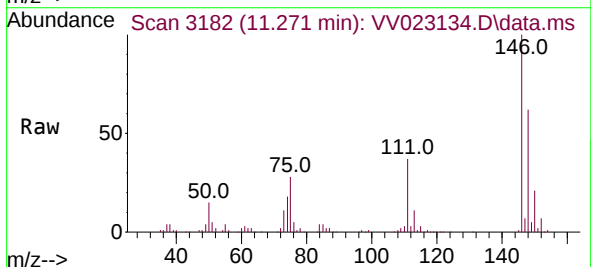
Tgt Ion:146 Resp: 101457

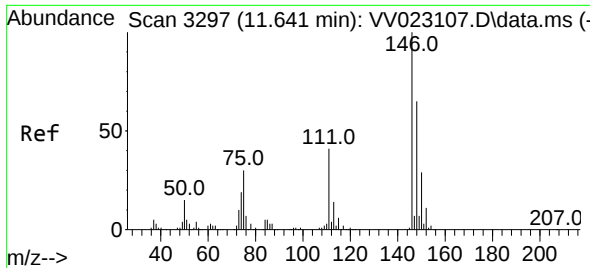
Ion Ratio Lower Upper

146 100

111 36.6 26.2 48.8

148 61.9 44.4 82.5

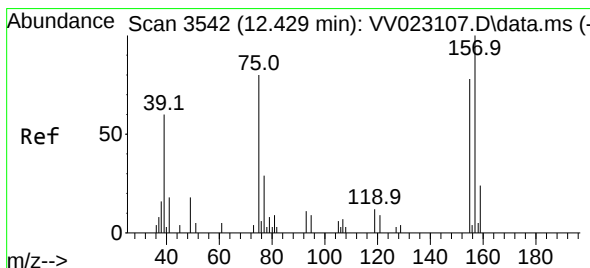
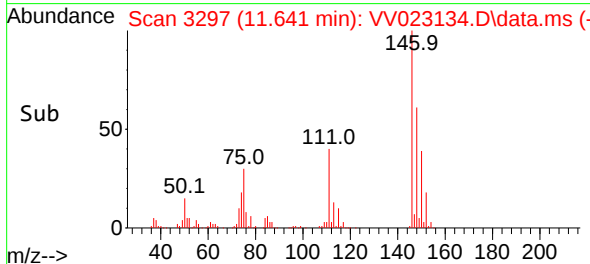
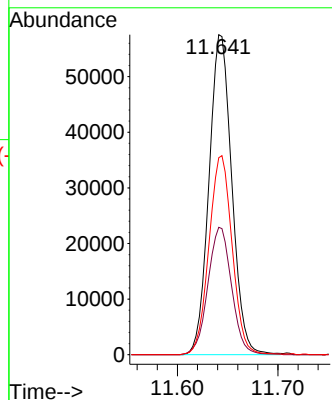
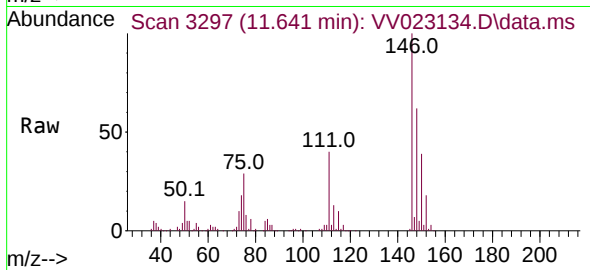




#67
1,2-Dichlorobenzene
Concen: 4.682 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

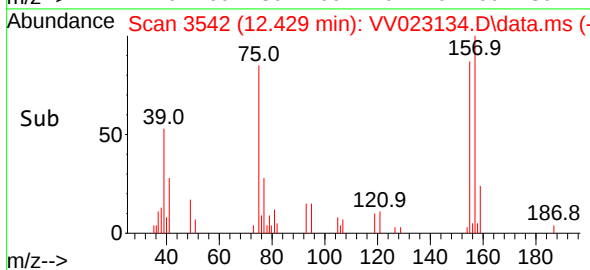
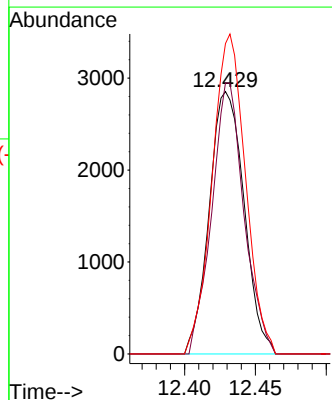
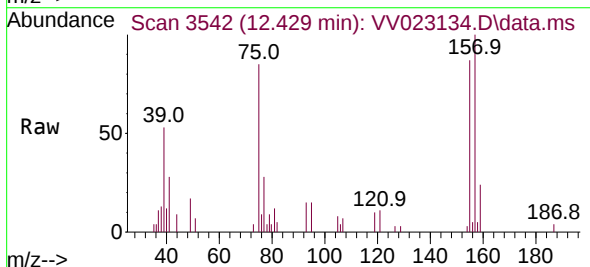
Instrument :
MSVOA_V
ClientSampleId :

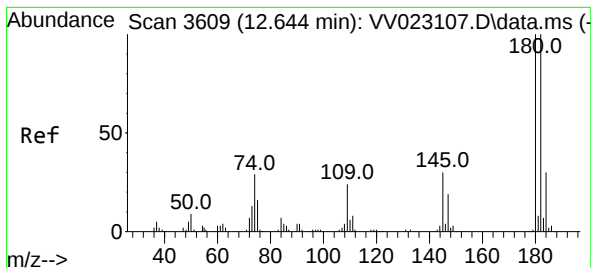
Tgt Ion:146 Resp: 90798
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 61.6 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.487 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion: 75 Resp: 4878
Ion Ratio Lower Upper
75 100
155 103.3 67.7 101.5#
157 118.3 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.808 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

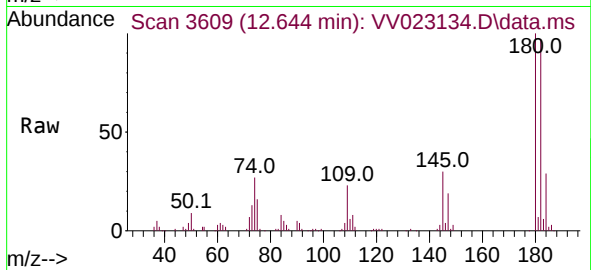
Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 76276

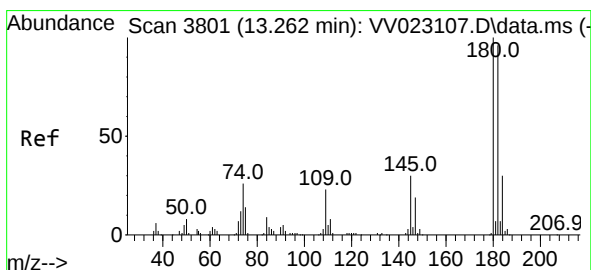
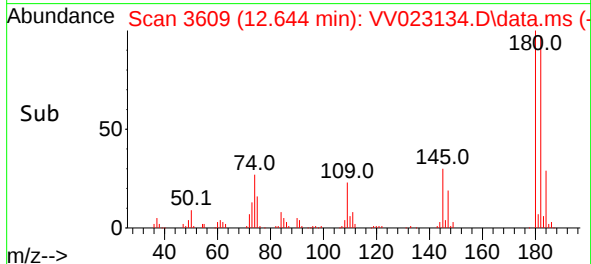
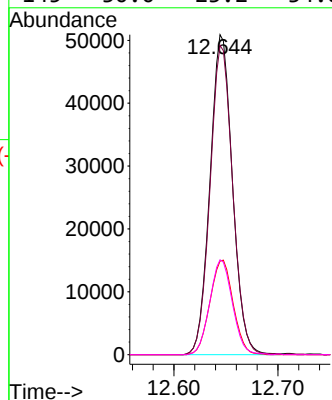
Ion Ratio Lower Upper

180 100

182 97.5 74.9 112.3

184 30.5 23.8 35.8

145 30.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.815 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023134.D

Acq: 02 Nov 2021 09:28

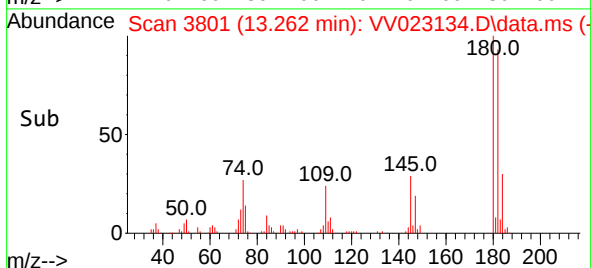
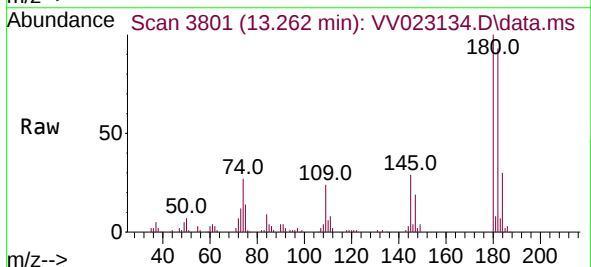
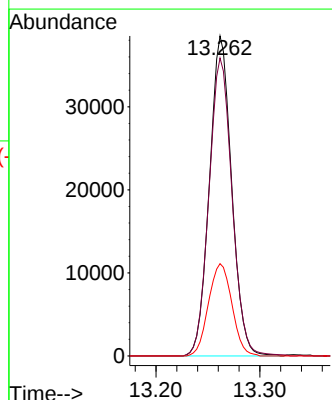
Tgt Ion:180 Resp: 57159

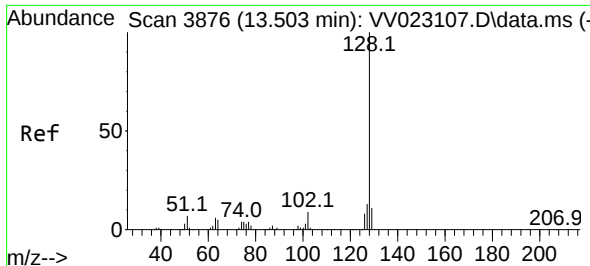
Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 30.4 24.4 36.6

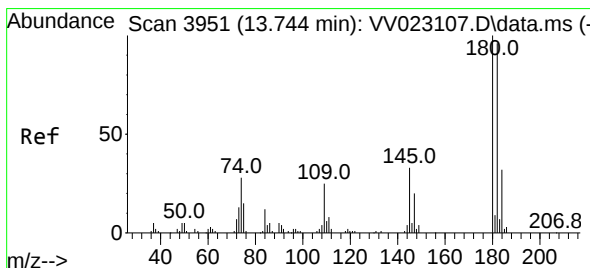
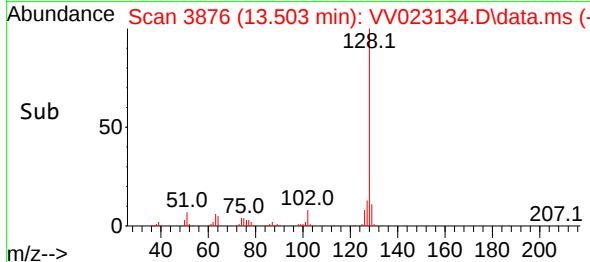
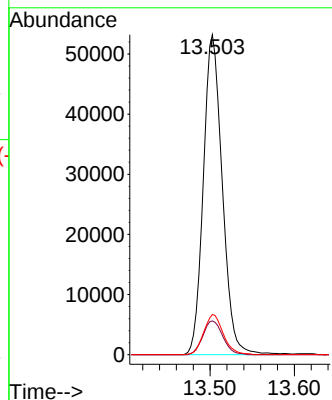
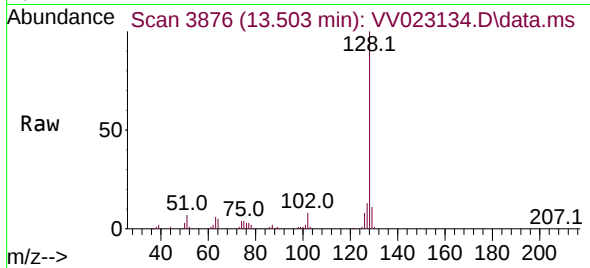




#71
Naphthalene
Concen: 4.625 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 83476
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.817 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023134.D
Acq: 02 Nov 2021 09:28

Tgt Ion:180 Resp: 53083
Ion Ratio Lower Upper
180 100
182 95.5 76.7 115.1
145 32.7 25.7 38.5

