

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023219.D
 Acq On : 05 Nov 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 02:50:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75628	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47514	5.310	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.200%		
7) Chloroethane-d5	1.568	69	40029	5.489	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.800%		
11) 1,1-Dichloroethene-d2	2.108	63	88803	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.000%		
20) 2-Butanone-d5	3.902	46	96694	71.523	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 143.040%#		
24) Chloroform-d	4.349	84	102450	5.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	5.031	65	45010	5.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.000%		
32) Benzene-d6	5.050	84	191453	5.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.069	67	56225	5.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.600%		
41) Toluene-d8	7.313	98	182835	5.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.000%		
43) trans-1,3-Dichloroprop...	7.622	79	21040	5.263	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 105.200%		
46) 2-Hexanone-d5	8.088	63	81270	55.257	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.520%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39766	5.245	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	66785	5.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	68364	4.908	ug/L	100
3) Chloromethane	1.240	50	60629	5.120	ug/L	98
5) Vinyl chloride	1.311	62	59784	5.055	ug/L	99
6) Bromomethane	1.523	94	38657	5.114	ug/L	99
8) Chloroethane	1.584	64	35311	5.174	ug/L	100
9) Trichlorofluoromethane	1.754	101	88270	4.967	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	44540	4.979	ug/L	98
12) 1,1-Dichloroethene	2.118	96	43730	5.134	ug/L	87
13) Acetone	2.195	43	55212	55.244	ug/L	80
14) Carbon disulfide	2.294	76	159320	4.957	ug/L	100
15) Methyl Acetate	2.442	43	15274	3.996	ug/L	93
16) Methylene chloride	2.507	84	53680	4.319	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	93786	5.002	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	51540	4.922	ug/L	92
19) 1,1-Dichloroethane	3.188	63	89897	5.085	ug/L	99
21) 2-Butanone	3.982	43	89010	68.971	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	51422	5.103	ug/L	96
23) Bromochloromethane	4.243	128	23395	5.035	ug/L	97
25) Chloroform	4.375	83	92840	4.927	ug/L	96

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Instrument :
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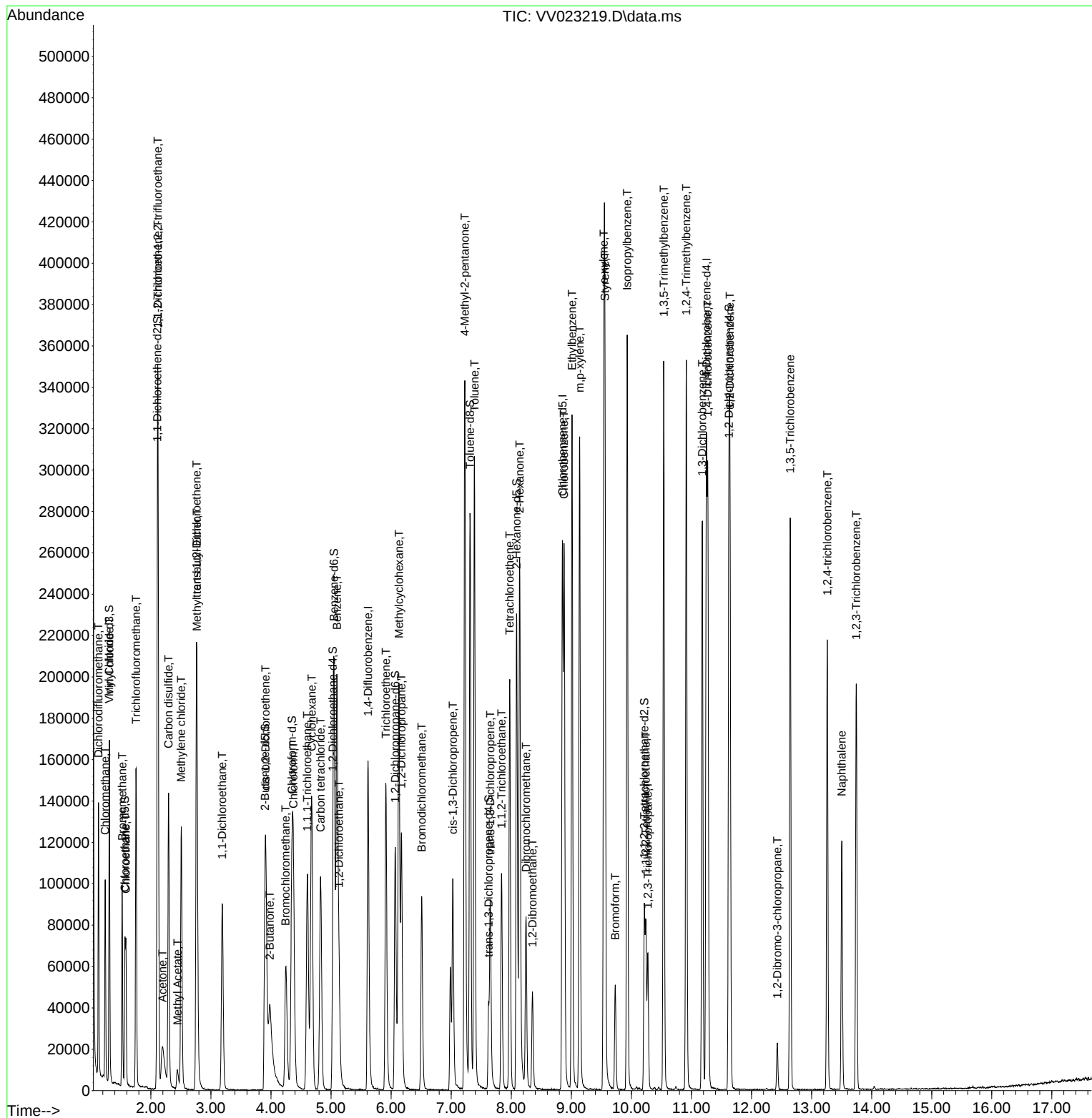
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	51164	5.104	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	85837	5.063	ug/L	99
30) Cyclohexane	4.677	56	73769	4.856	ug/L	100
31) Carbon tetrachloride	4.825	117	76885	5.050	ug/L	100
33) Benzene	5.098	78	200780	5.147	ug/L	100
34) Trichloroethene	5.912	95	51423	4.957	ug/L	97
35) Methylcyclohexane	6.130	83	79172	4.835	ug/L	99
37) 1,2-Dichloropropane	6.172	63	48419	5.316	ug/L	99
38) Bromodichloromethane	6.510	83	62453	5.117	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	63214	4.826	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	228996	54.213	ug/L	98
42) Toluene	7.387	91	222148	5.324	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	53694	4.940	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	33183	5.071	ug/L	93
47) Tetrachloroethene	7.976	164	45798	5.094	ug/L	95
48) 2-Hexanone	8.140	43	165391	54.593	ug/L	98
49) Dibromochloromethane	8.246	129	41641	5.022	ug/L	96
50) 1,2-Dibromoethane	8.352	107	31399	5.178	ug/L #	98
51) Chlorobenzene	8.879	112	138989	5.011	ug/L	97
52) Ethylbenzene	9.011	91	221232	5.027	ug/L	99
53) m,p-xylene	9.140	106	88971	5.151	ug/L	95
54) o-xylene	9.542	106	83745	5.168	ug/L	98
55) Styrene	9.561	104	149857	5.399	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36072	5.031	ug/L	99
59) Bromoform	9.731	173	23287	5.155	ug/L	97
60) Isopropylbenzene	9.931	105	225019	5.185	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	26253	5.226	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	183992	5.113	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	187123	5.225	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	114373	5.158	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	113678	5.020	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	102317	5.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5643	5.272	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	84335	4.857	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67231	4.836	ug/L	99
71) Naphthalene	13.503	128	96208	4.693	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60520	4.975	ug/L	98

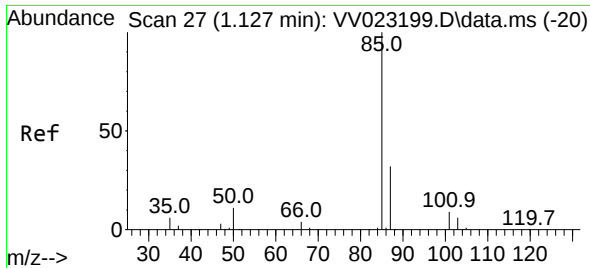
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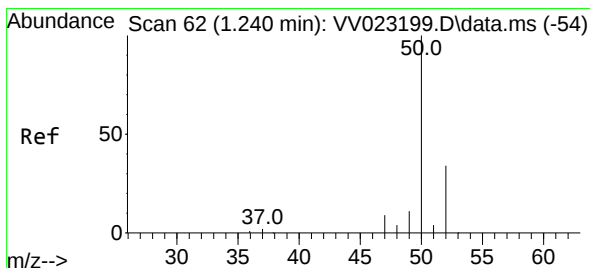
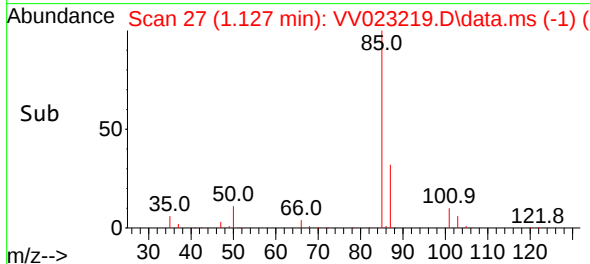
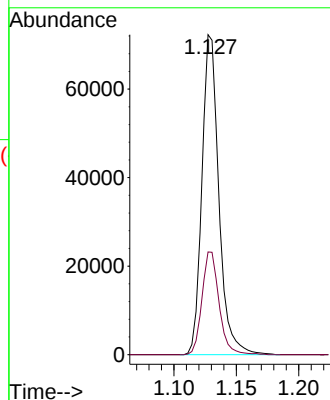
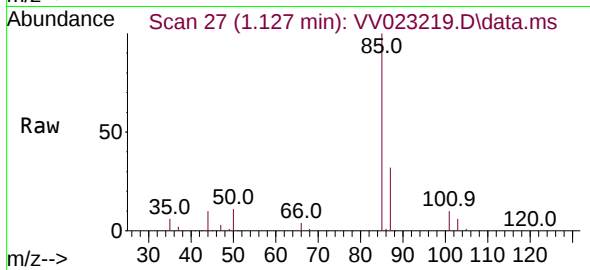




#2
 Dichlorodifluoromethane
 Concen: 4.908 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

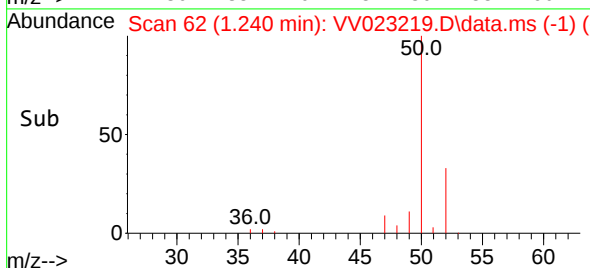
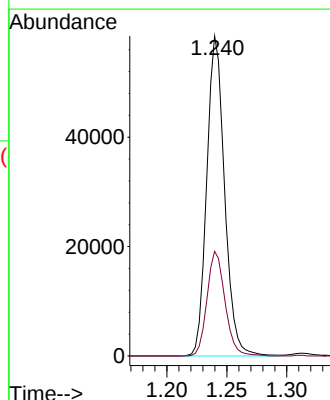
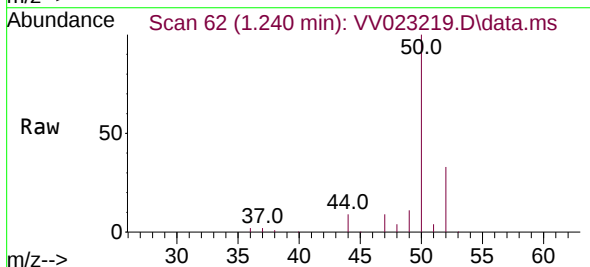
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 ClientSampleId :

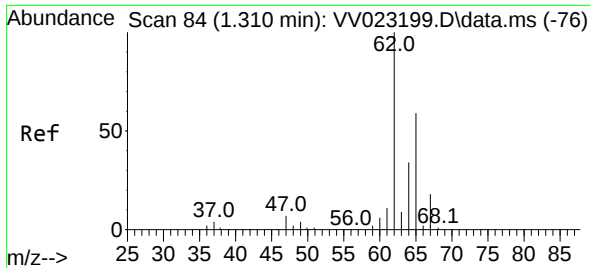
Tgt Ion: 85 Resp: 68364
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.120 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

Tgt Ion: 50 Resp: 60629
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

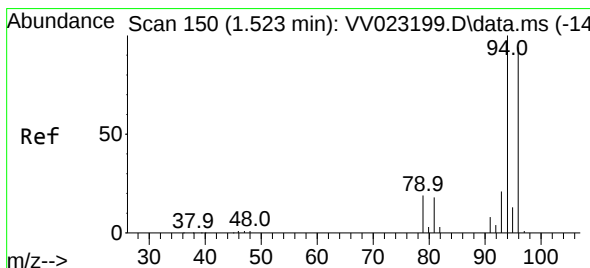
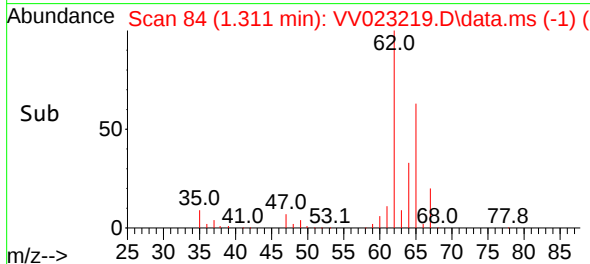
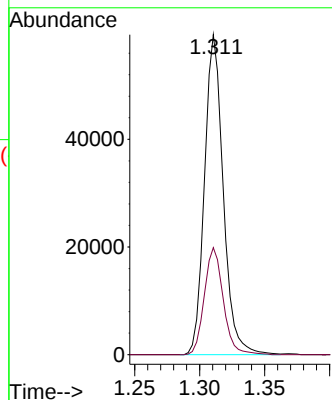
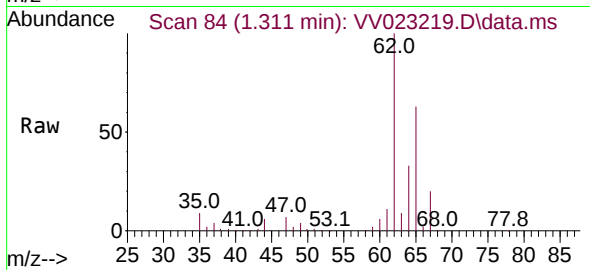




#5
 Vinyl chloride
 Concen: 5.055 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

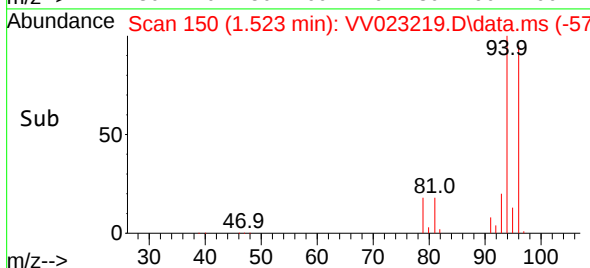
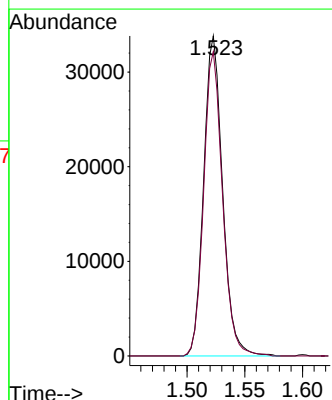
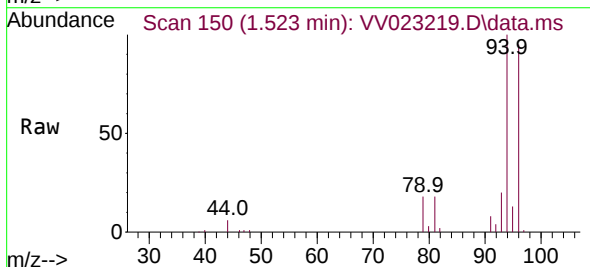
Instrument :
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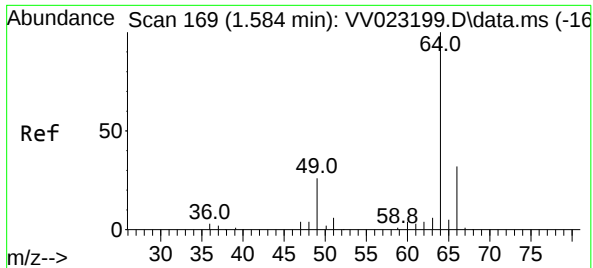
Tgt Ion: 62 Resp: 59784
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 43.9



#6
 Bromomethane
 Concen: 5.114 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

Tgt Ion: 94 Resp: 38657
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.7 122.1

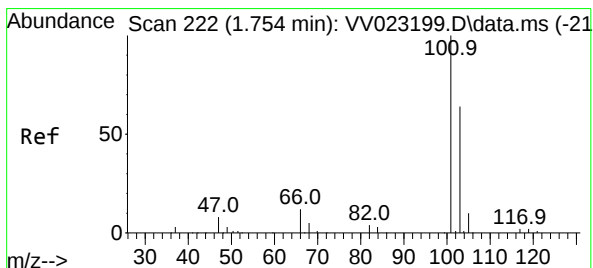
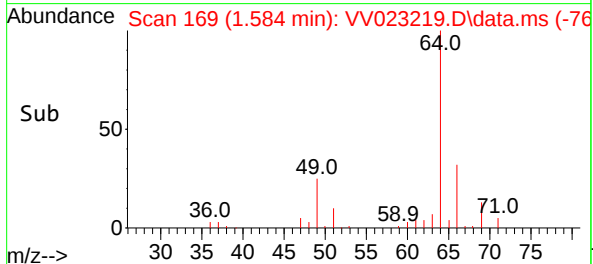
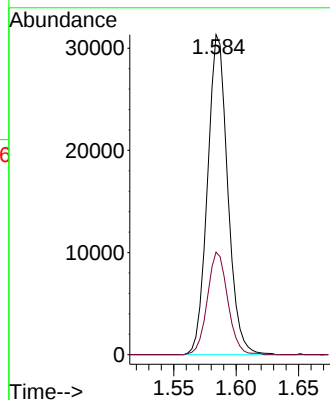
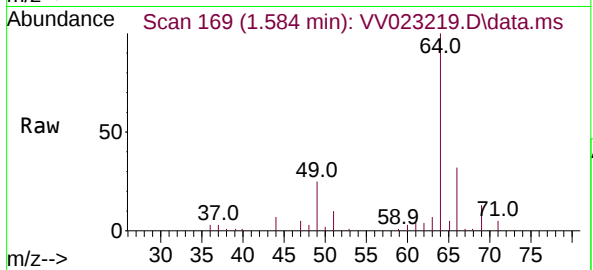




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

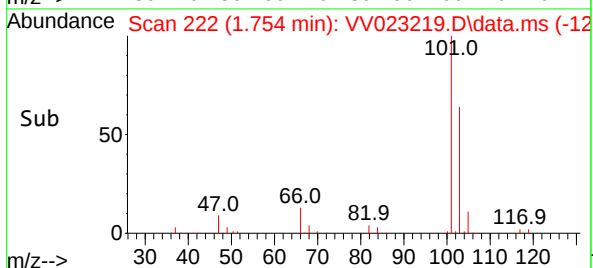
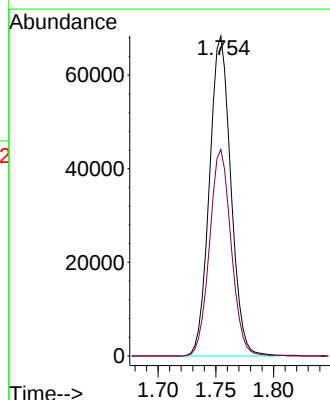
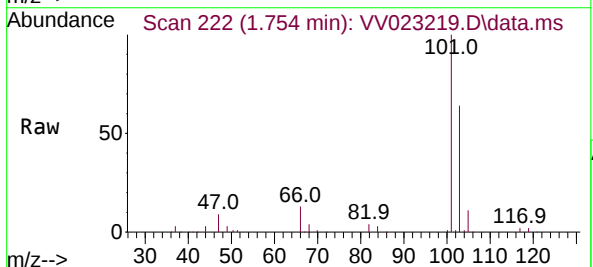
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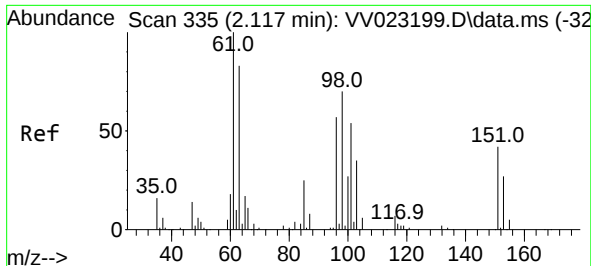
Tgt Ion: 64 Resp: 35311
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.967 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion:101 Resp: 88270
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9

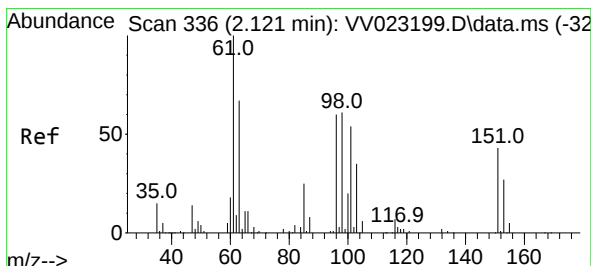
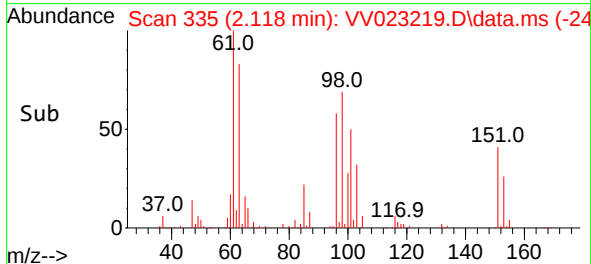
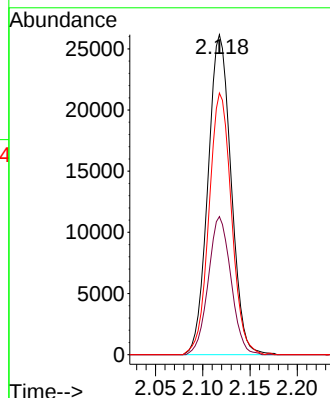
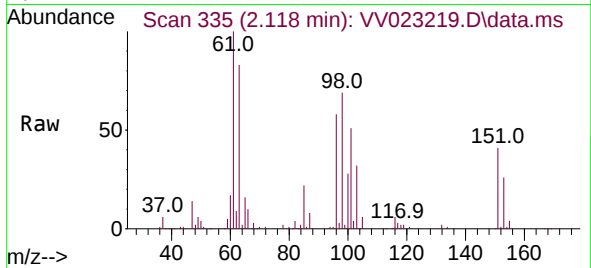




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.979 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

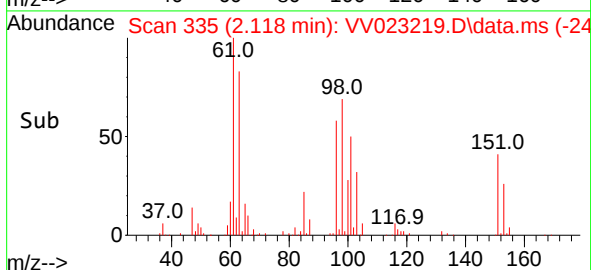
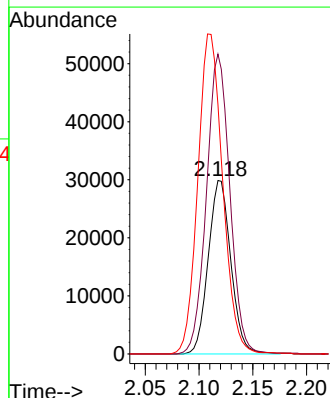
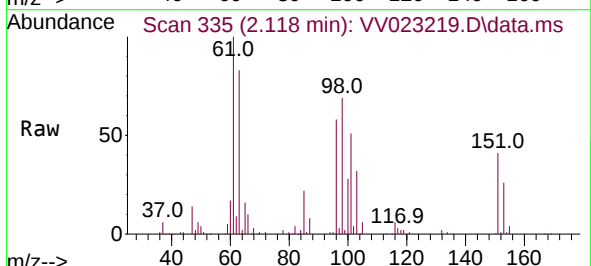
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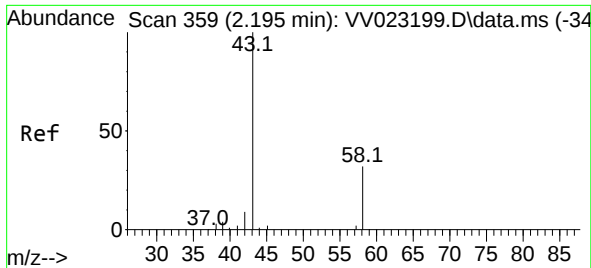
Tgt Ion:101 Resp: 44540
 Ion Ratio Lower Upper
 101 100
 85 42.1 35.4 53.0
 151 79.5 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 5.134 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

Tgt Ion: 96 Resp: 43730
 Ion Ratio Lower Upper
 96 100
 61 172.9 117.7 218.7
 63 143.8 80.5 149.5





#13

Acetone

Concen: 55.244 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

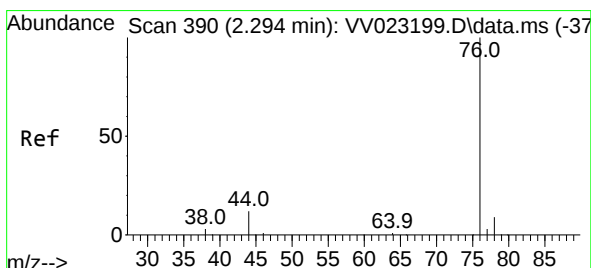
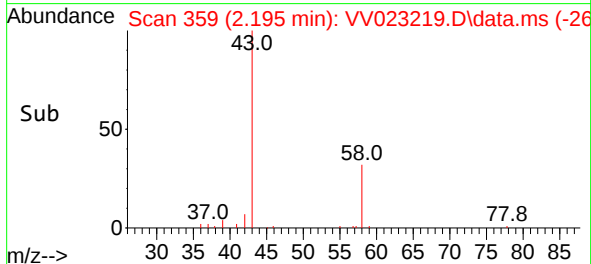
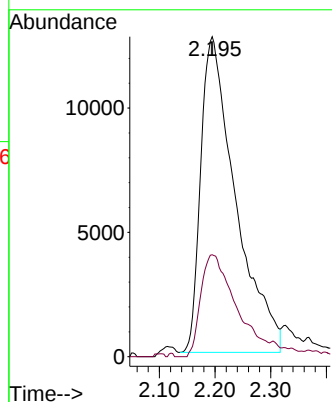
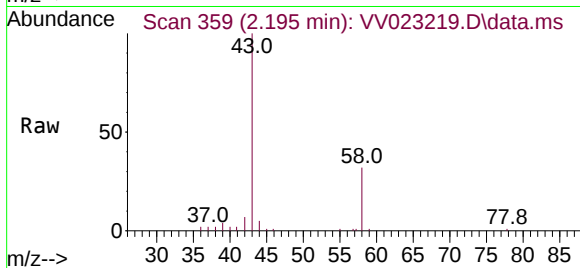
ClientSampleId :

Tgt Ion: 43 Resp: 55212

Ion Ratio Lower Upper

43 100

58 32.6 0.0 45.8



#14

Carbon disulfide

Concen: 4.957 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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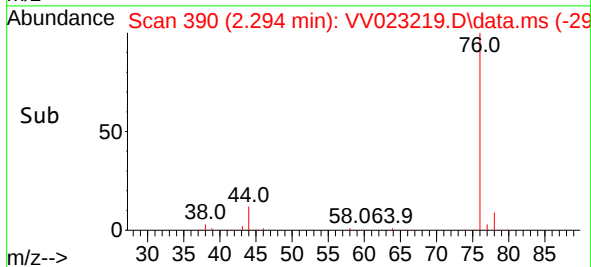
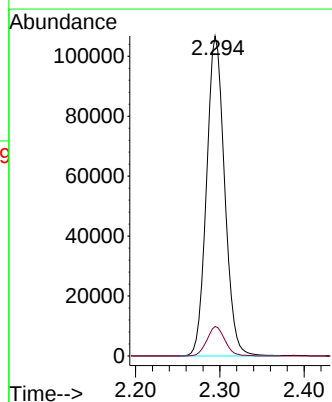
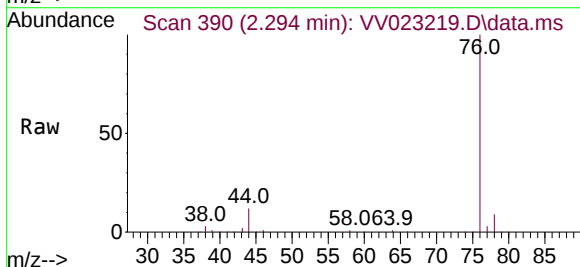
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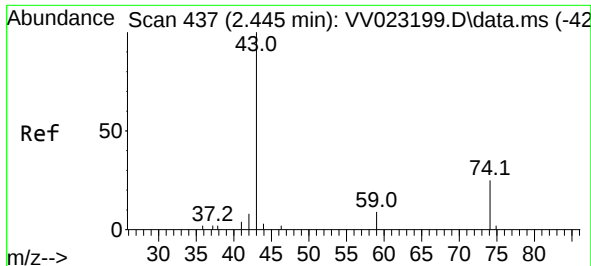
Tgt Ion: 76 Resp: 159320

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

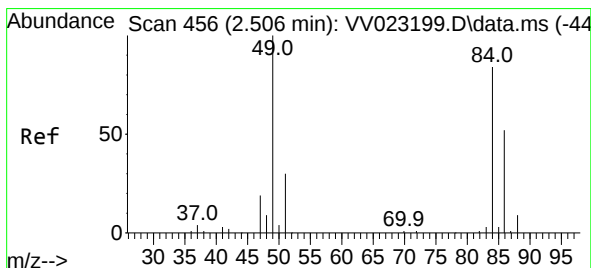
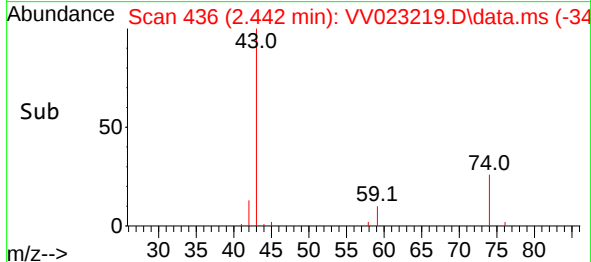
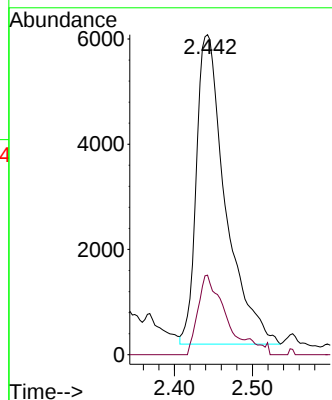
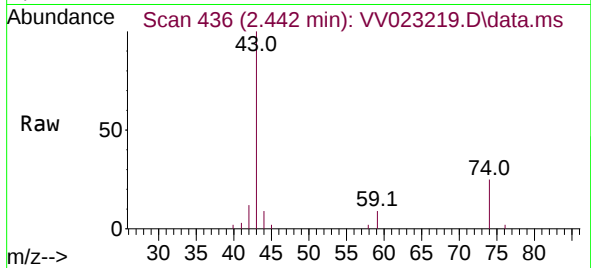




#15
Methyl Acetate
Concen: 3.996 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

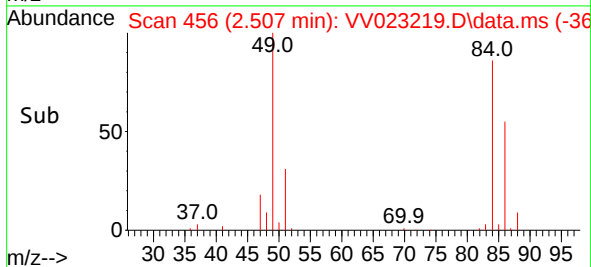
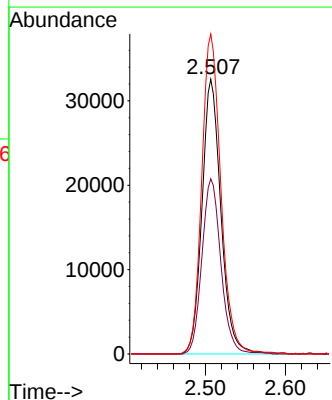
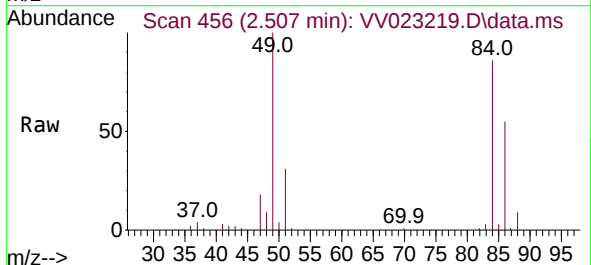
Instrument :
MSVOA_V
ClientSampleId :

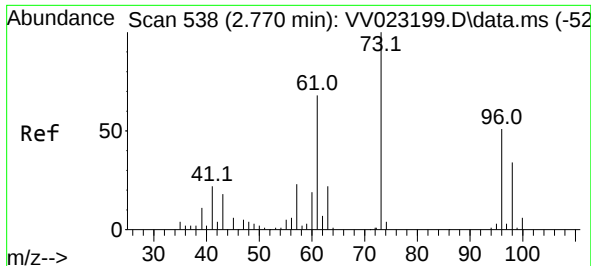
Tgt Ion: 43 Resp: 15274
Ion Ratio Lower Upper
43 100
74 23.0 16.0 24.0



#16
Methylene chloride
Concen: 4.319 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 84 Resp: 53680
Ion Ratio Lower Upper
84 100
86 63.8 43.3 80.5
49 116.5 84.1 156.1

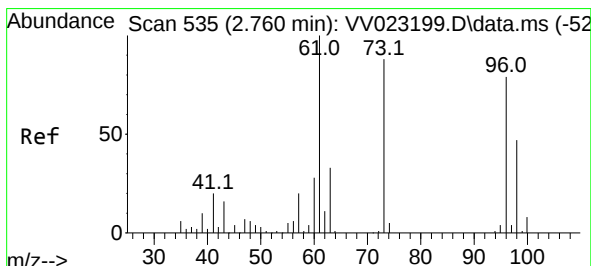
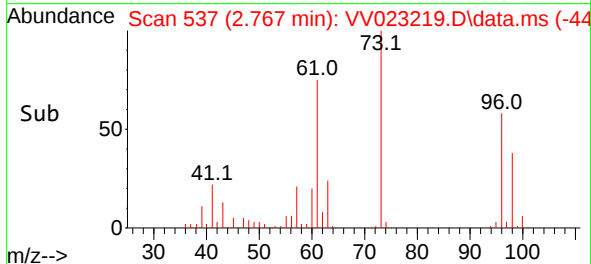
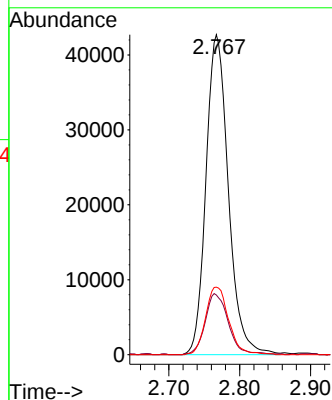
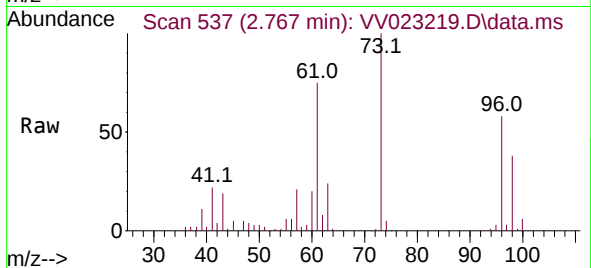




#17
Methyl tert-butyl Ether
Concen: 5.002 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

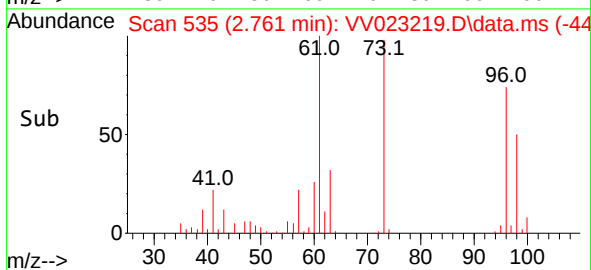
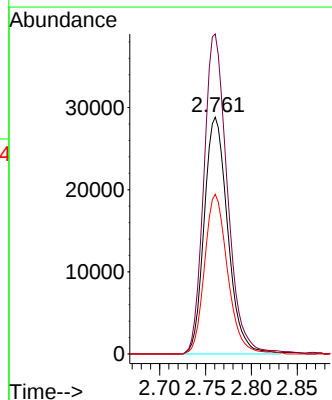
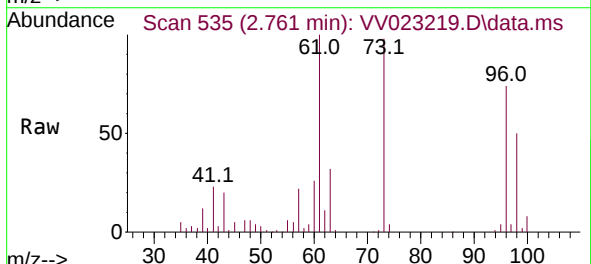
Instrument :
MSVOA_V
ClientSampleId :

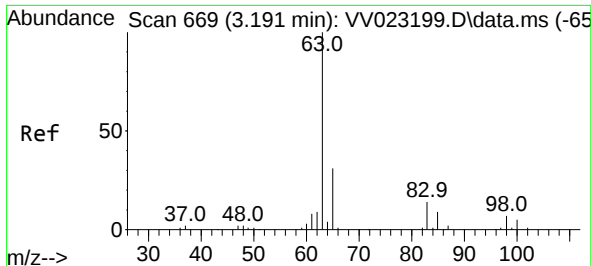
Tgt Ion: 73 Resp: 93786
Ion Ratio Lower Upper
73 100
43 19.8 14.2 21.4
57 21.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.922 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 96 Resp: 51540
Ion Ratio Lower Upper
96 100
61 135.2 89.2 165.6
98 67.5 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.085 ug/L

RT: 3.188 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

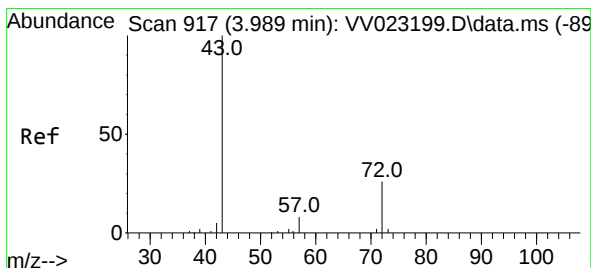
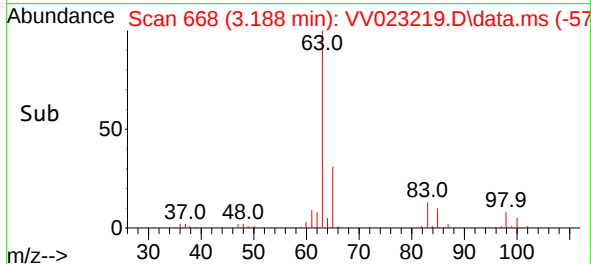
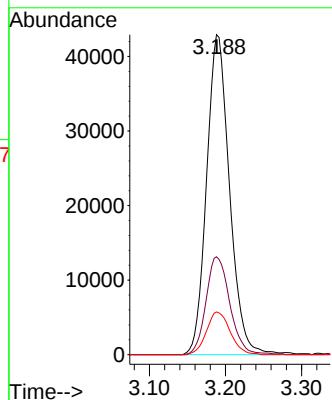
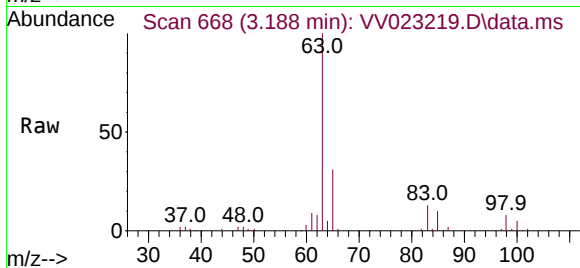
Tgt Ion: 63 Resp: 89897

Ion Ratio Lower Upper

63 100

65 30.6 21.6 40.2

83 13.4 9.8 18.2



#21

2-Butanone

Concen: 68.971 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.006 min

Lab File: VV023219.D

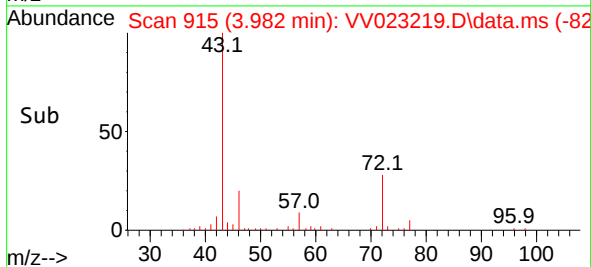
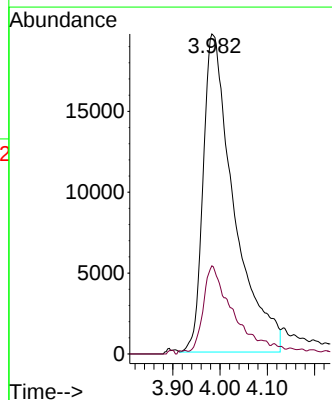
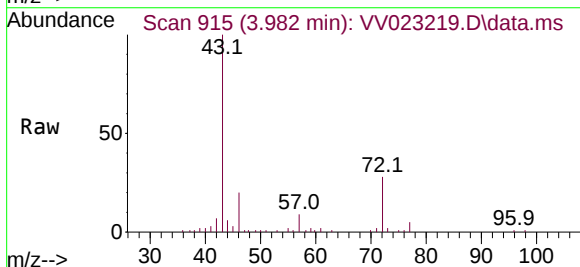
Acq: 05 Nov 2021 09:54

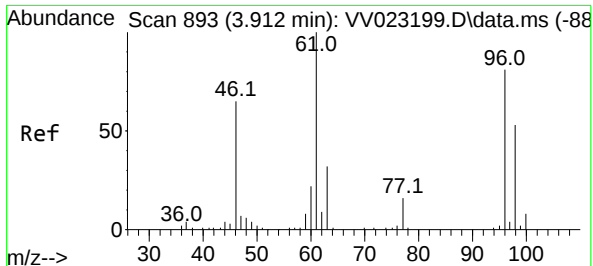
Tgt Ion: 43 Resp: 89010

Ion Ratio Lower Upper

43 100

72 23.6 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.103 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

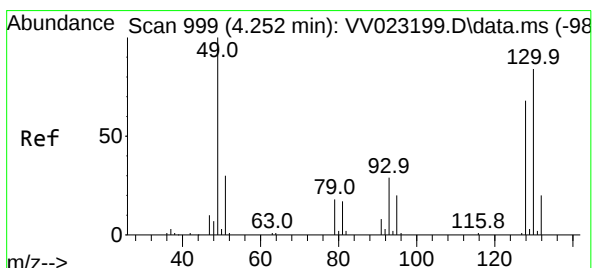
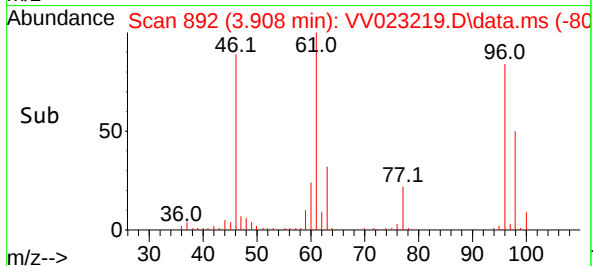
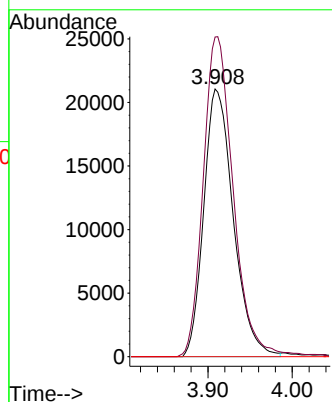
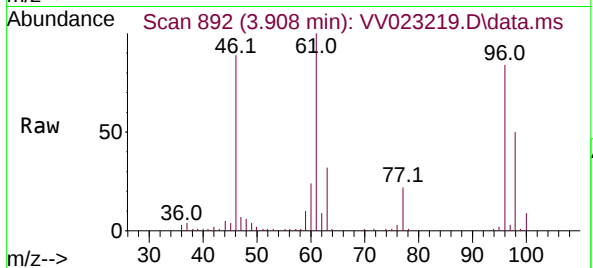
Tgt Ion: 96 Resp: 51422

Ion Ratio Lower Upper

96 100

61 119.5 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.035 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.010 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Tgt Ion: 128 Resp: 23395

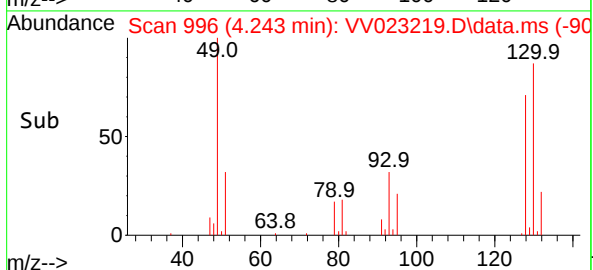
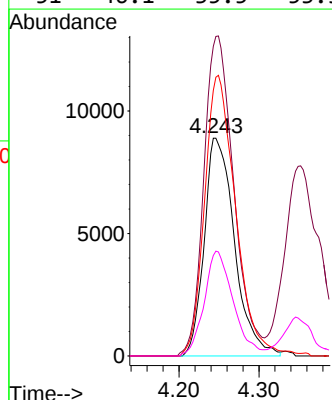
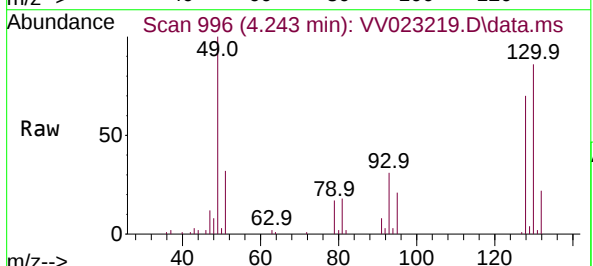
Ion Ratio Lower Upper

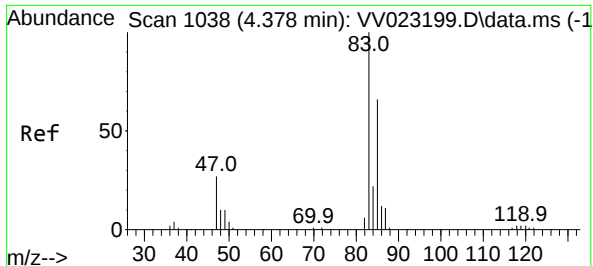
128 100

49 142.1 103.0 191.4

130 121.9 86.7 161.1

51 46.1 35.5 53.3





#25

Chloroform

Concen: 4.927 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

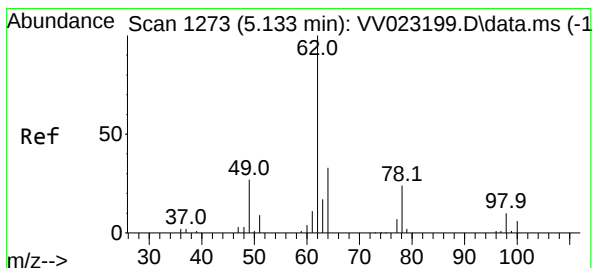
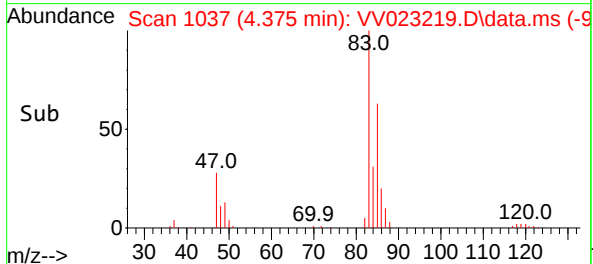
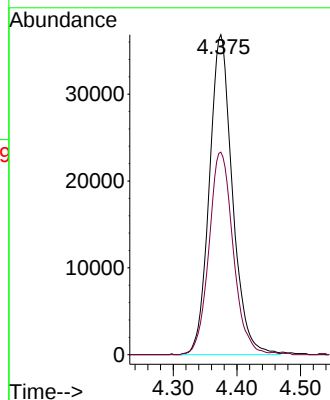
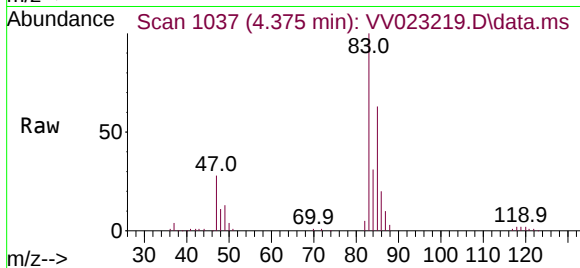
ClientSampleId :

Tgt Ion: 83 Resp: 92840

Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.104 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023219.D

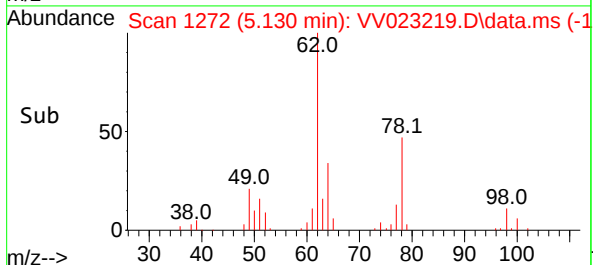
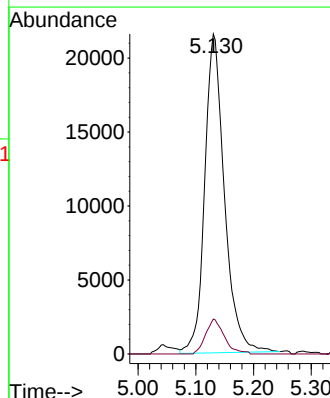
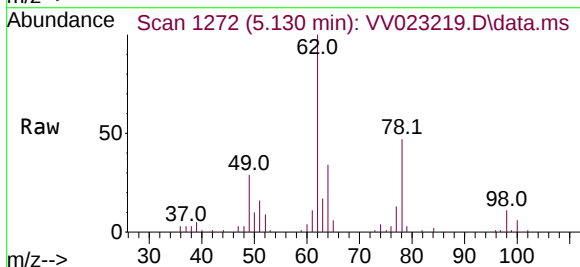
Acq: 05 Nov 2021 09:54

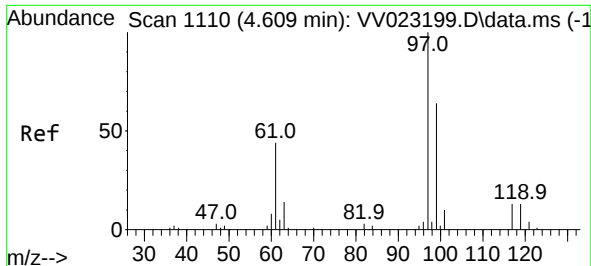
Tgt Ion: 62 Resp: 51164

Ion Ratio Lower Upper

62 100

98 10.9 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.063 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

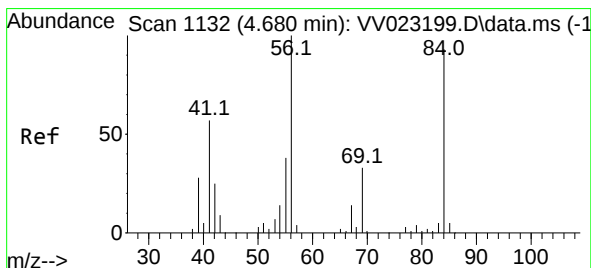
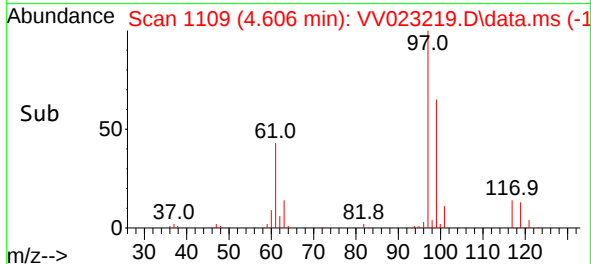
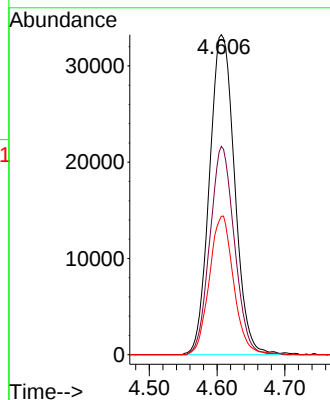
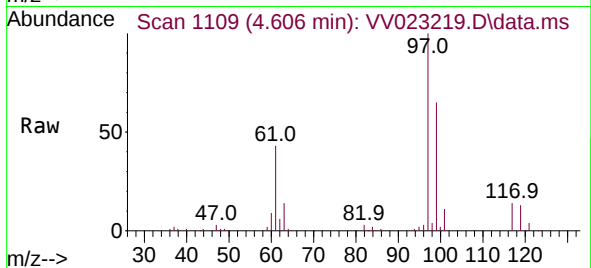
Tgt Ion: 97 Resp: 85837

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 41.8 33.5 50.3



#30

Cyclohexane

Concen: 4.856 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

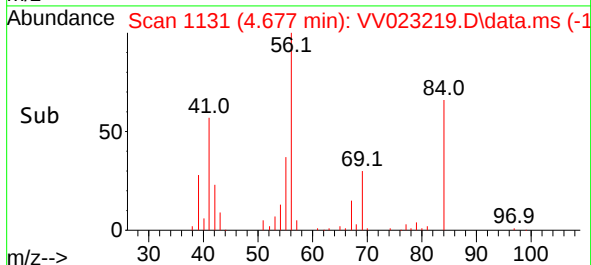
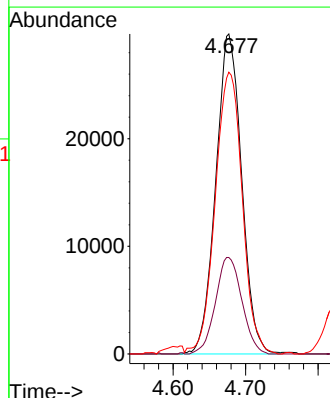
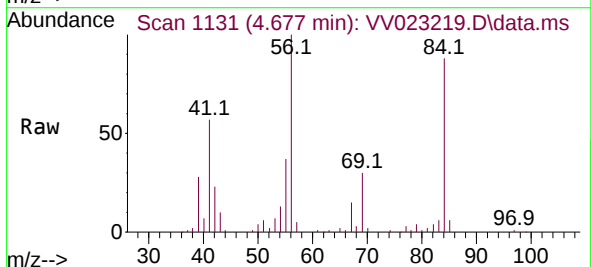
Tgt Ion: 56 Resp: 73769

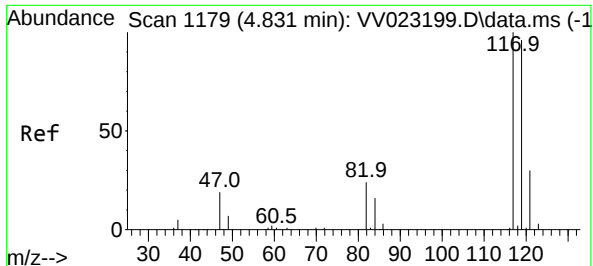
Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 92.1 73.8 110.6

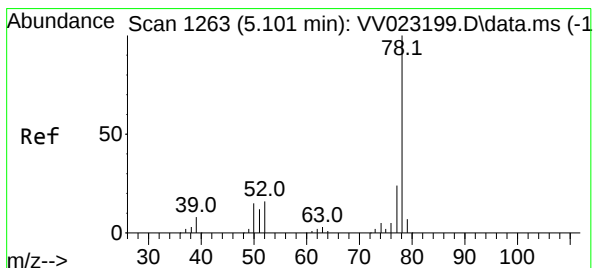
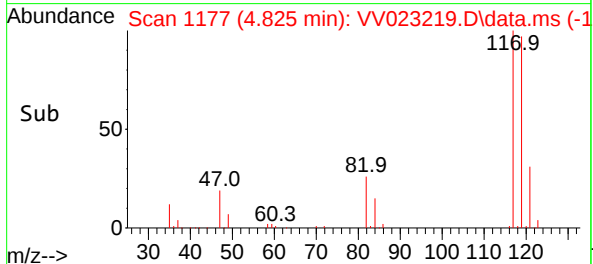
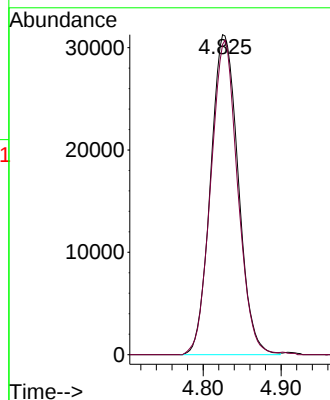
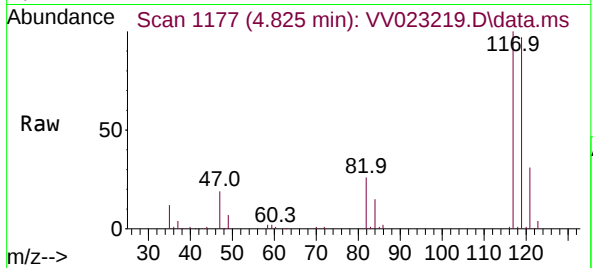




#31
Carbon tetrachloride
Concen: 5.050 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

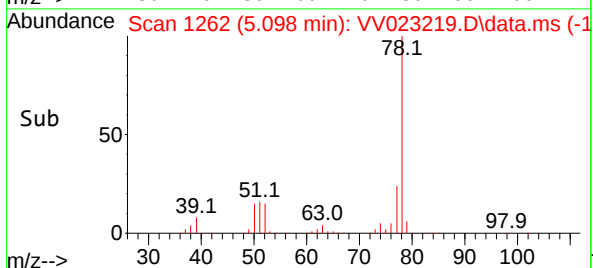
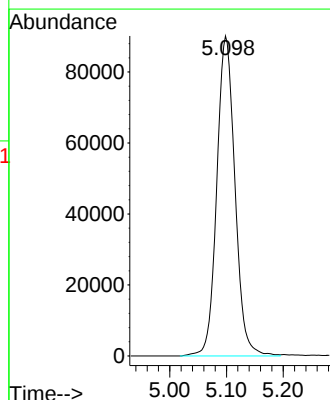
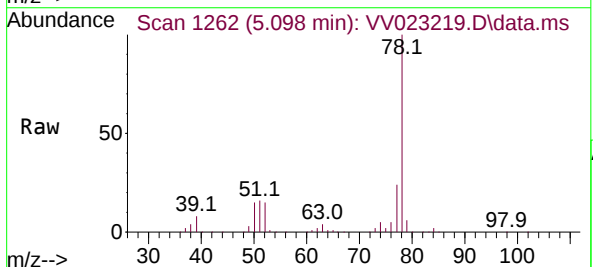
Instrument :
MSVOA_V
ClientSampleId :

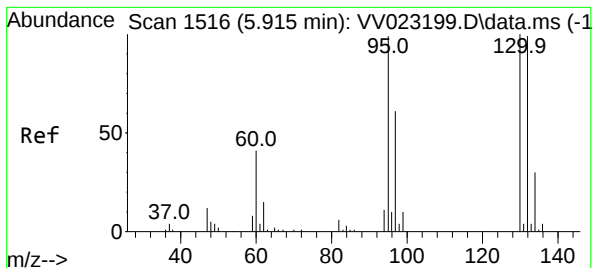
Tgt Ion:117 Resp: 76885
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8



#33
Benzene
Concen: 5.147 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 78 Resp: 200780





#34

Trichloroethene

Concen: 4.957 ug/L

RT: 5.912 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51423

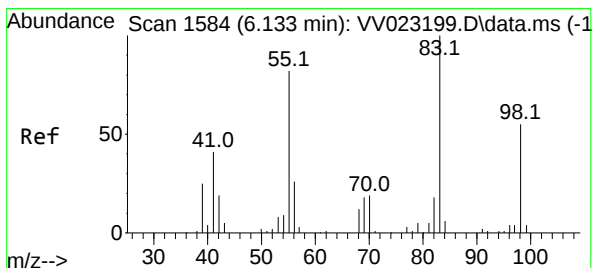
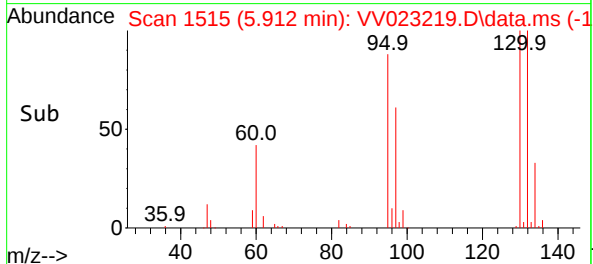
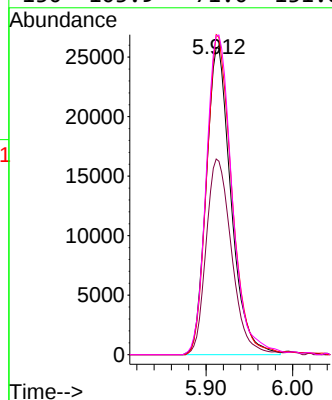
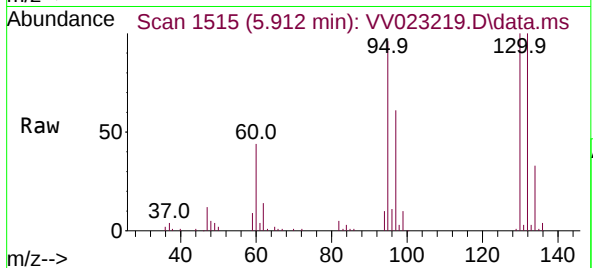
Ion Ratio Lower Upper

95 100

97 63.7 43.3 80.5

132 104.2 70.0 130.0

130 103.9 71.0 131.8



#35

Methylcyclohexane

Concen: 4.835 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

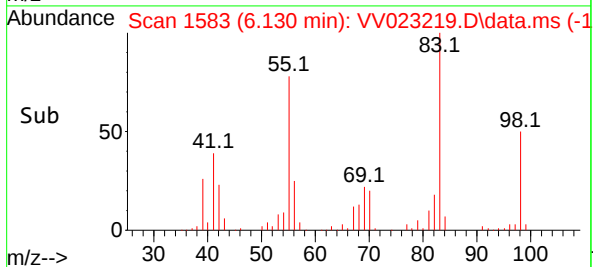
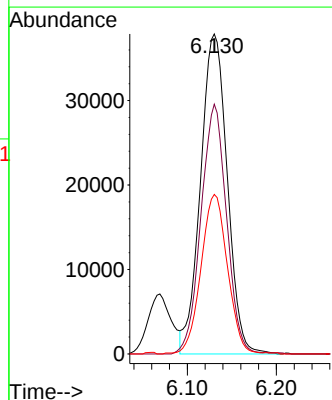
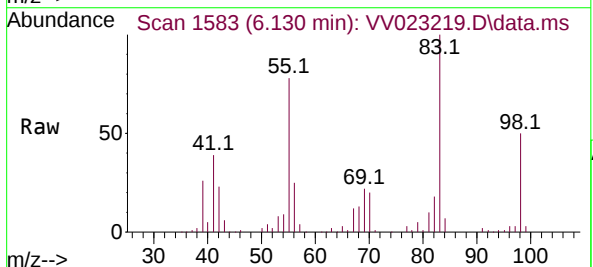
Tgt Ion: 83 Resp: 79172

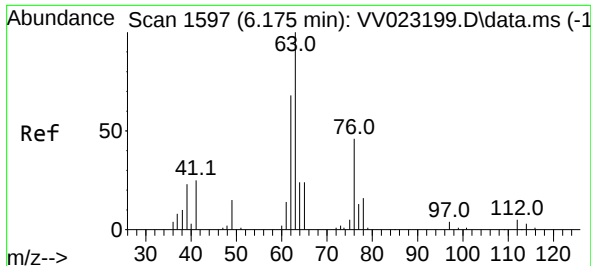
Ion Ratio Lower Upper

83 100

55 74.5 59.6 89.4

98 49.3 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.316 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

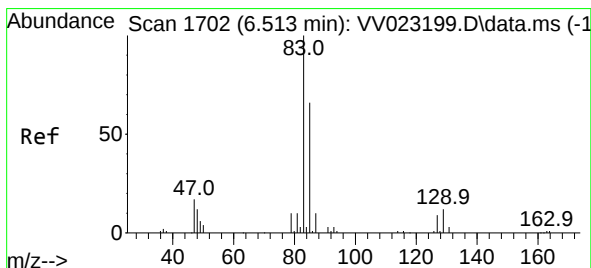
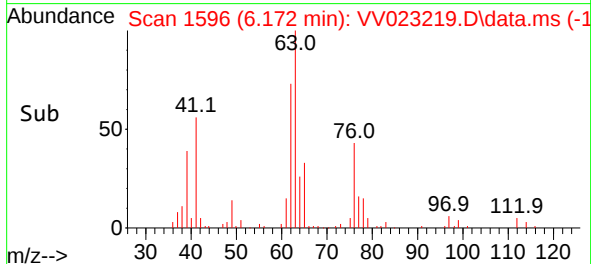
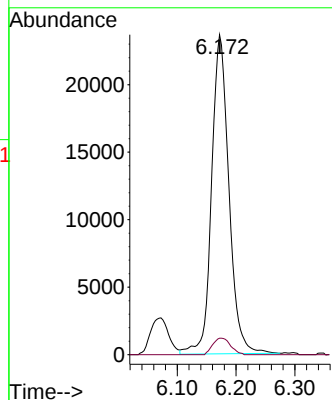
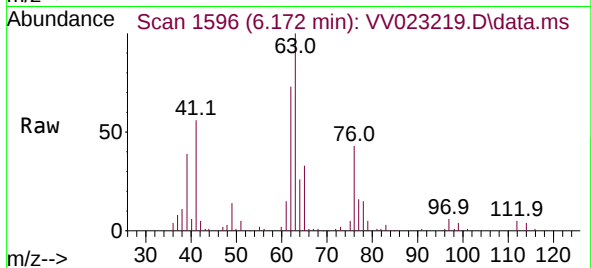
ClientSampleId :

Tgt Ion: 63 Resp: 48419

Ion Ratio Lower Upper

63 100

112 5.3 4.5 6.7



#38

Bromodichloromethane

Concen: 5.117 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

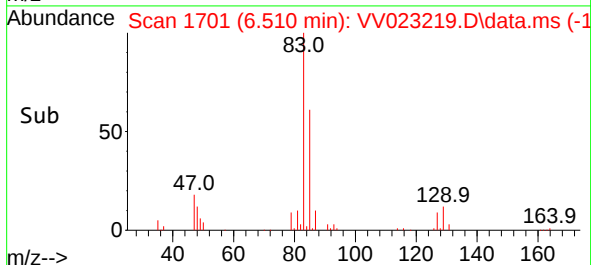
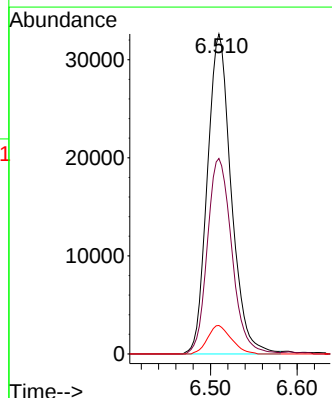
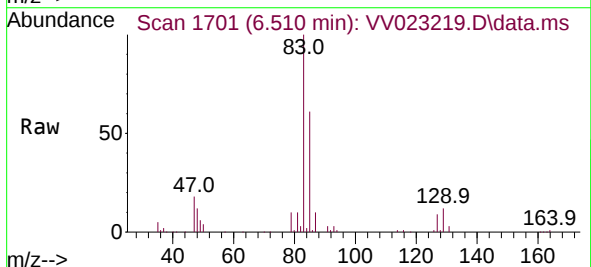
Tgt Ion: 83 Resp: 62453

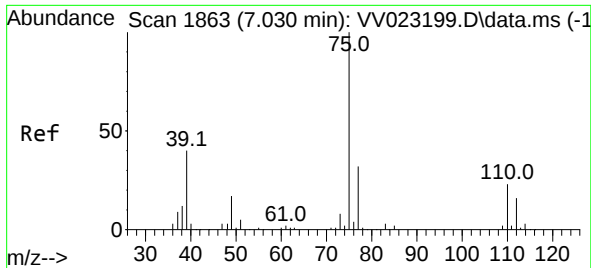
Ion Ratio Lower Upper

83 100

85 61.1 46.1 85.5

127 8.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.826 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

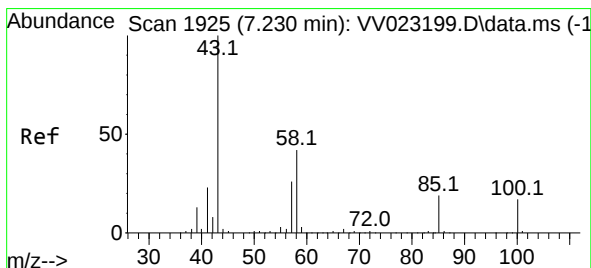
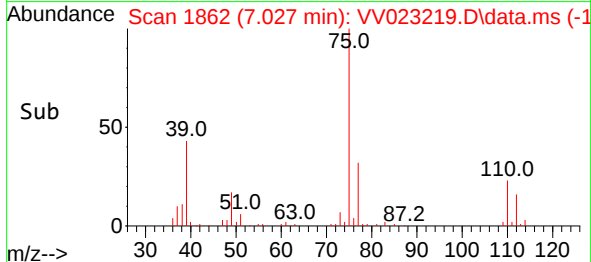
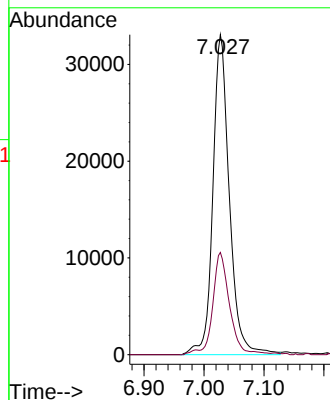
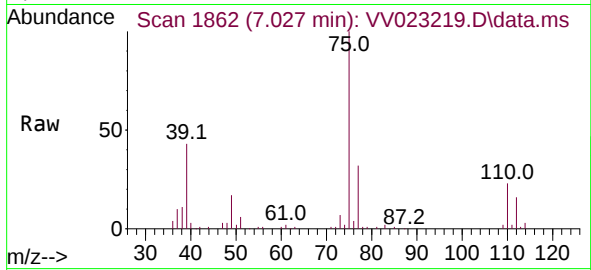
ClientSampleId :

Tgt Ion: 75 Resp: 63214

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 54.213 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

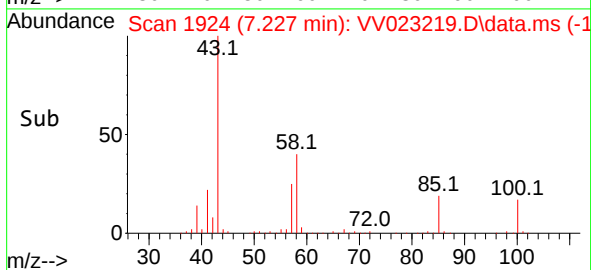
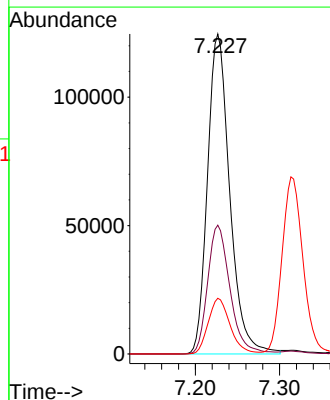
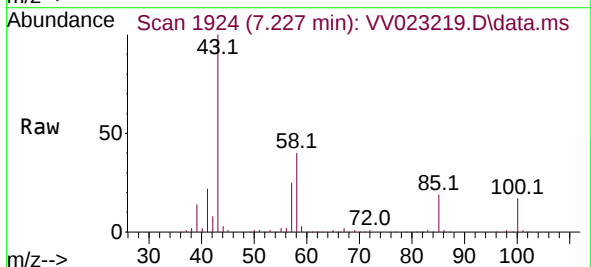
Tgt Ion: 43 Resp: 228996

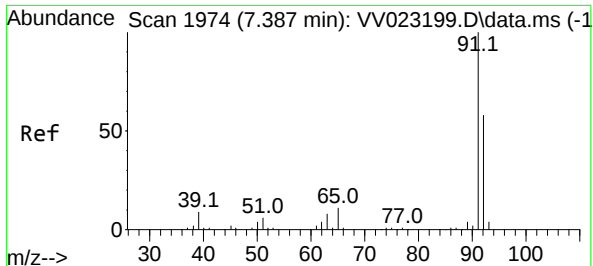
Ion Ratio Lower Upper

43 100

58 40.3 33.3 49.9

100 17.2 13.0 19.6





#42

Toluene

Concen: 5.324 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

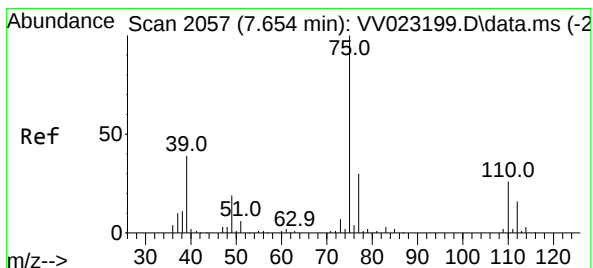
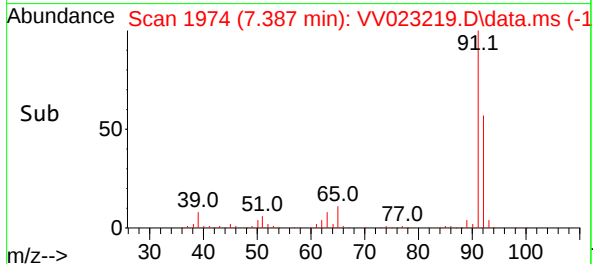
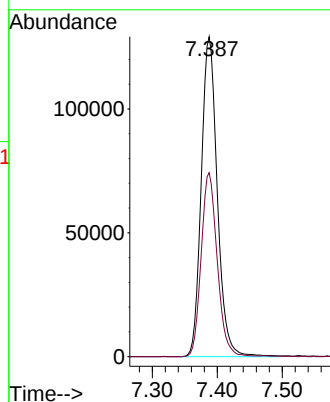
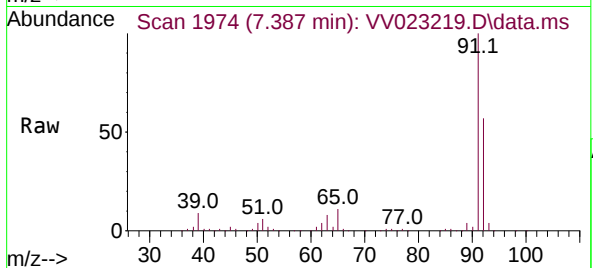
ClientSampleId :

Tgt Ion: 91 Resp: 222148

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.940 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023219.D

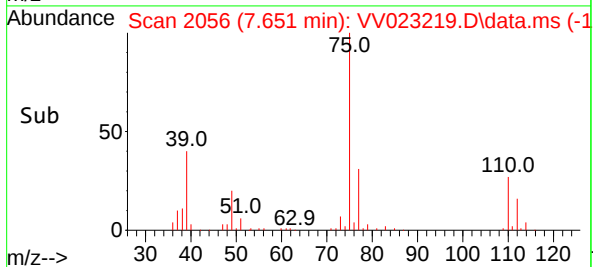
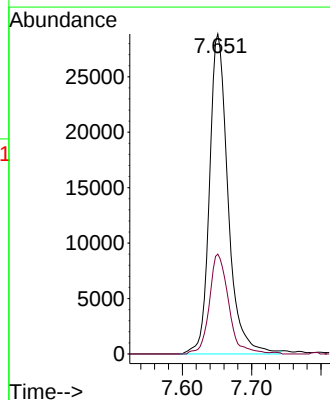
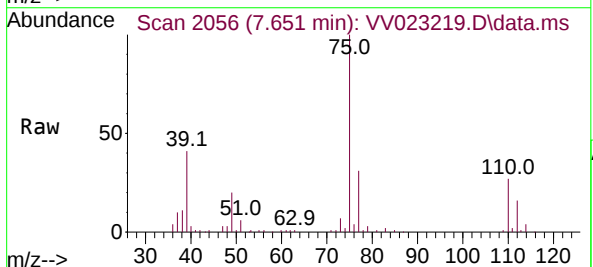
Acq: 05 Nov 2021 09:54

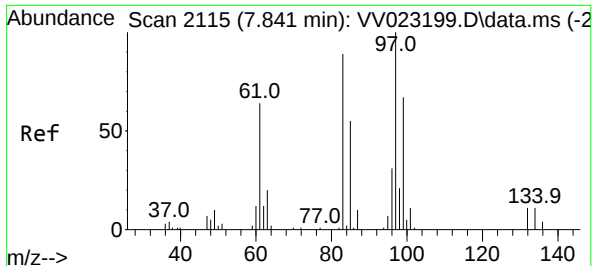
Tgt Ion: 75 Resp: 53694

Ion Ratio Lower Upper

75 100

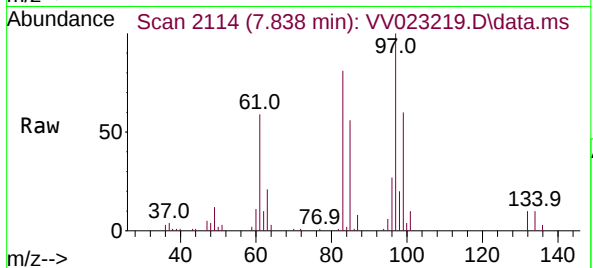
77 31.2 21.3 39.6



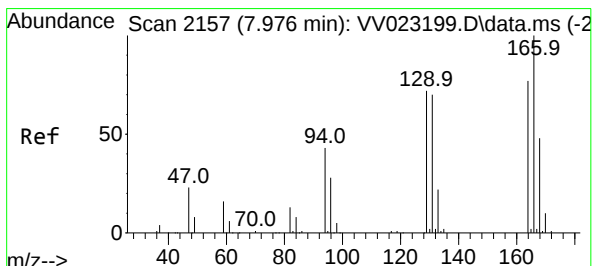
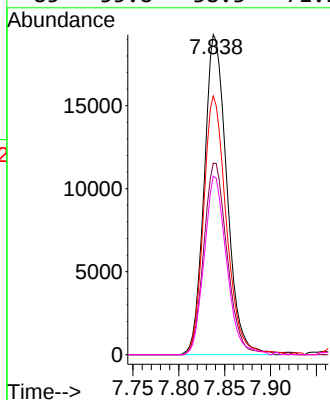
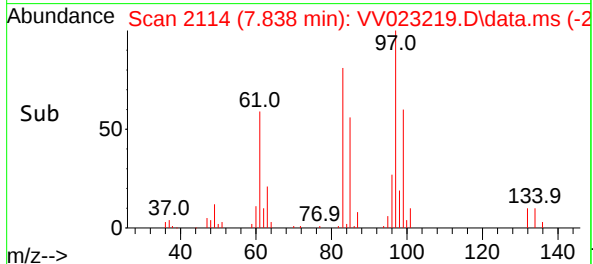


#45
1,1,2-Trichloroethane
Concen: 5.071 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

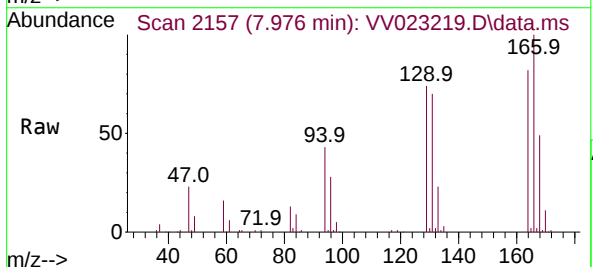
Instrument :
MSVOA_V
ClientSampleId :



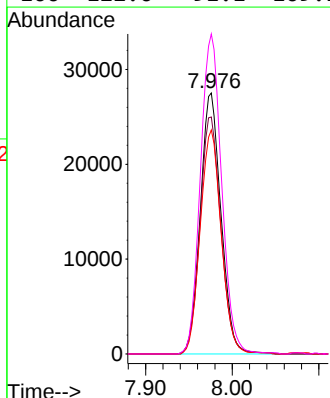
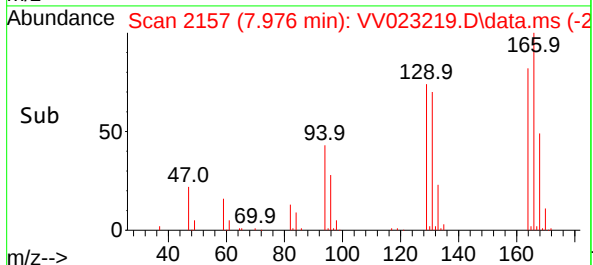
Tgt Ion:	97	Resp:	33183
Ion	Ratio	Lower	Upper
97	100		
99	59.9	47.0	87.4
83	80.8	62.6	116.3
85	55.8	38.3	71.1

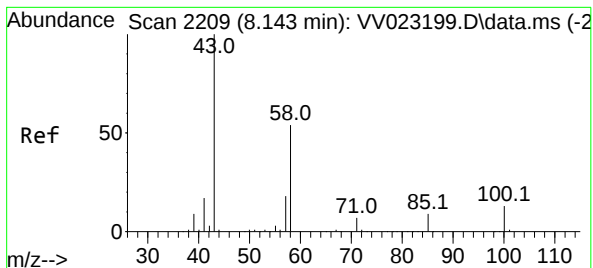


#47
Tetrachloroethene
Concen: 5.094 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54



Tgt Ion:	164	Resp:	45798
Ion	Ratio	Lower	Upper
164	100		
129	90.8	65.5	121.7
131	85.8	63.9	118.7
166	122.6	91.1	169.1





#48

2-Hexanone

Concen: 54.593 ug/L

RT: 8.140 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 165391

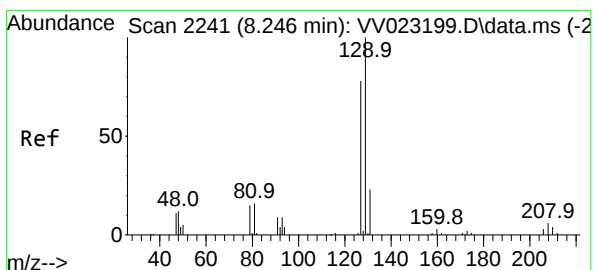
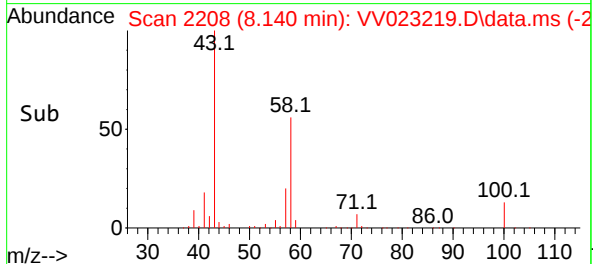
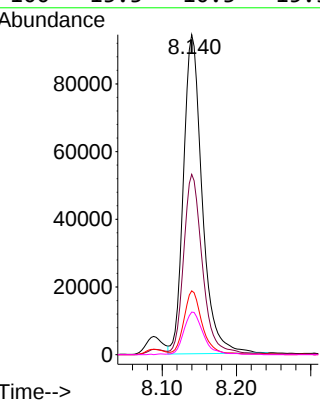
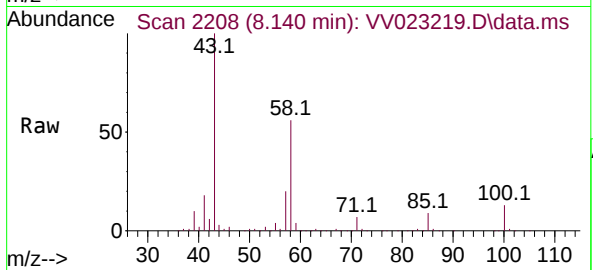
Ion Ratio Lower Upper

43 100

58 55.9 43.0 64.6

57 19.3 14.9 22.3

100 13.3 10.3 15.5



#49

Dibromochloromethane

Concen: 5.022 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV023219.D

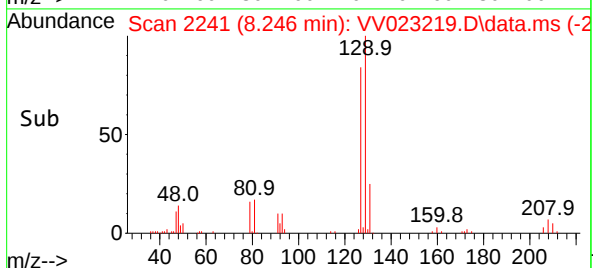
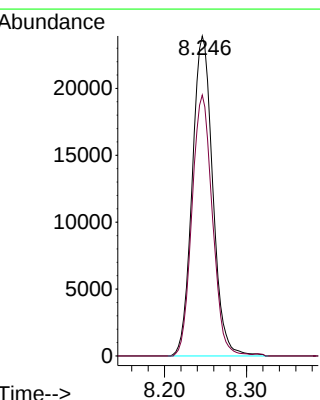
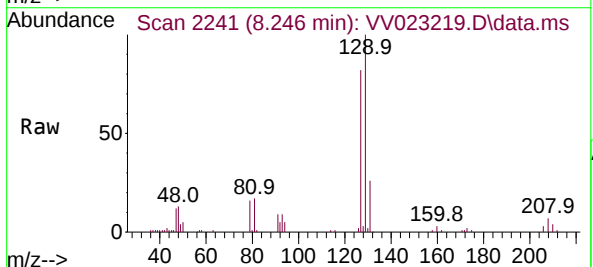
Acq: 05 Nov 2021 09:54

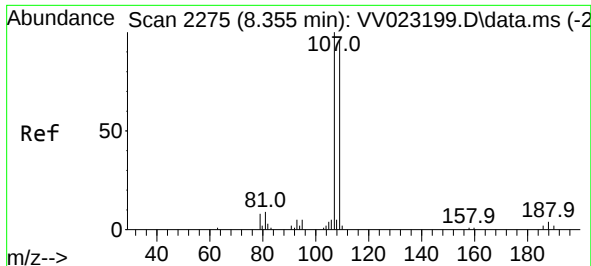
Tgt Ion:129 Resp: 41641

Ion Ratio Lower Upper

129 100

127 81.6 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.178 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

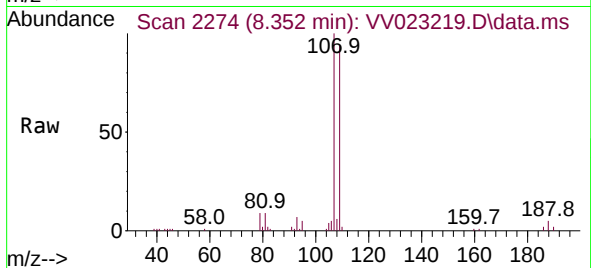
Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :



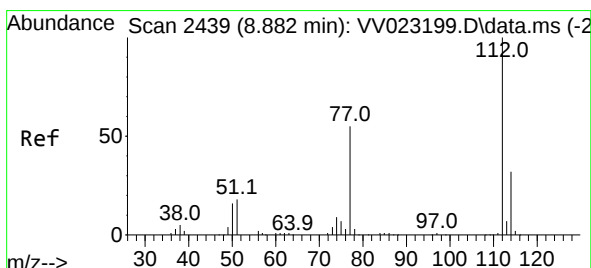
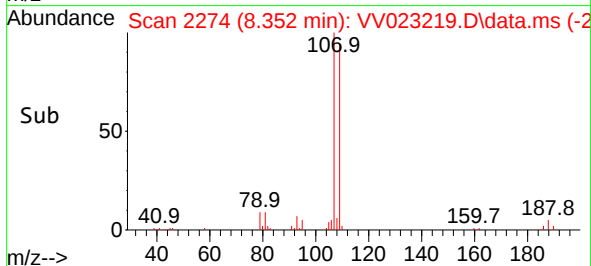
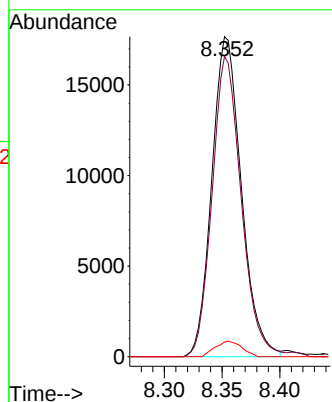
Tgt Ion:107 Resp: 31399

Ion Ratio Lower Upper

107 100

109 93.8 67.0 124.4

188 4.6 2.9 4.3#



#51

Chlorobenzene

Concen: 5.011 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

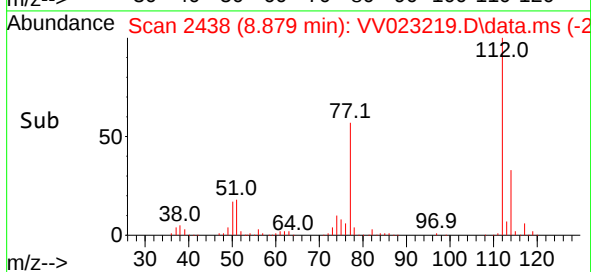
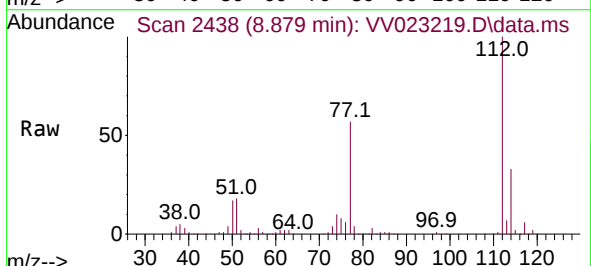
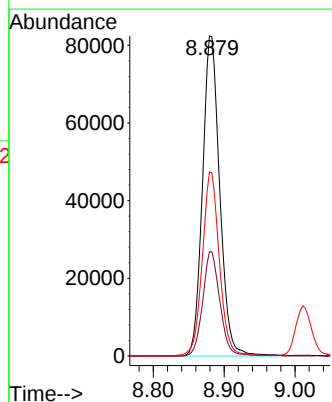
Tgt Ion:112 Resp: 138989

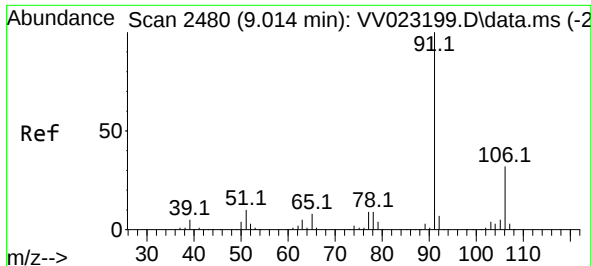
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 57.5 43.8 65.8

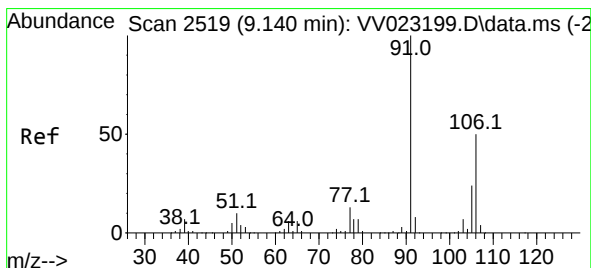
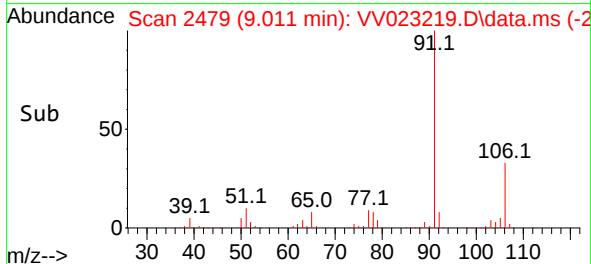
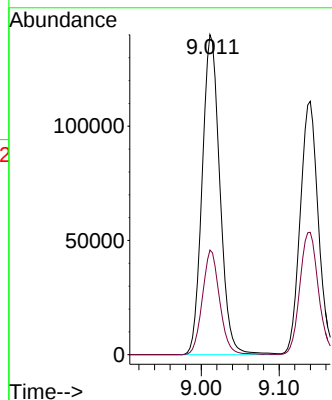
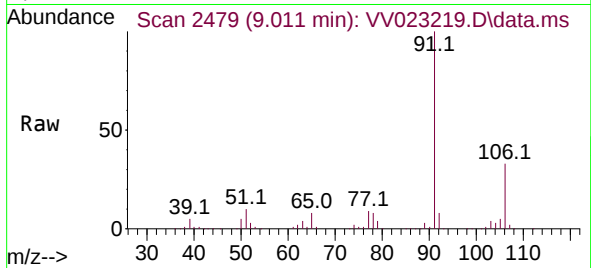




#52
Ethylbenzene
Concen: 5.027 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

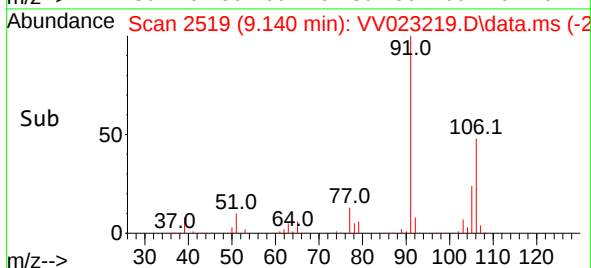
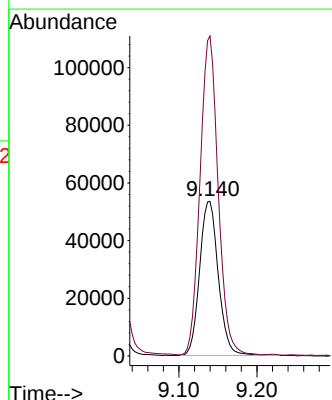
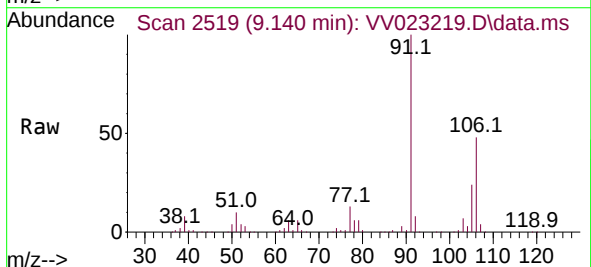
Instrument :
MSVOA_V
ClientSampleId :

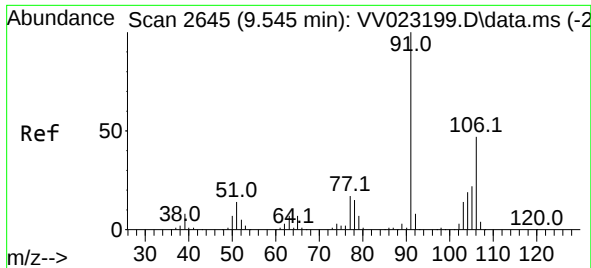
Tgt Ion: 91 Resp: 221232
Ion Ratio Lower Upper
91 100
106 32.7 22.3 41.5



#53
m,p-xylene
Concen: 5.151 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 106 Resp: 88971
Ion Ratio Lower Upper
106 100
91 207.0 140.1 260.1

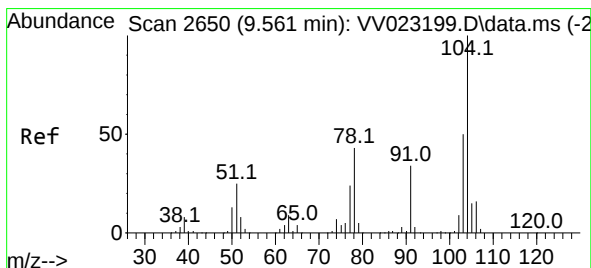
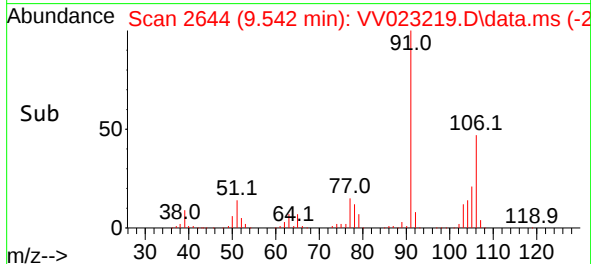
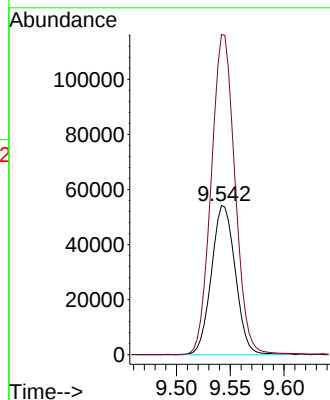
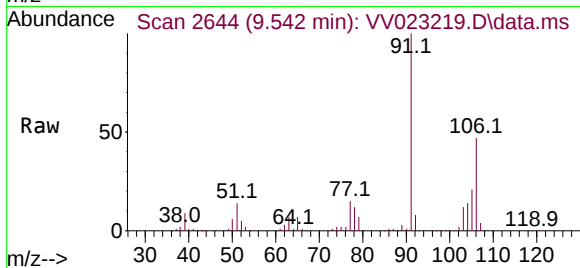




#54
o-xylene
Concen: 5.168 ug/L
RT: 9.542 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

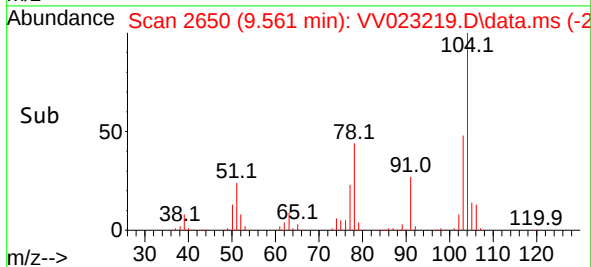
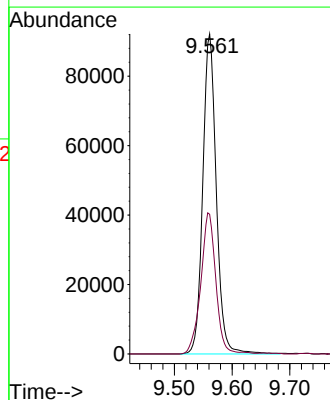
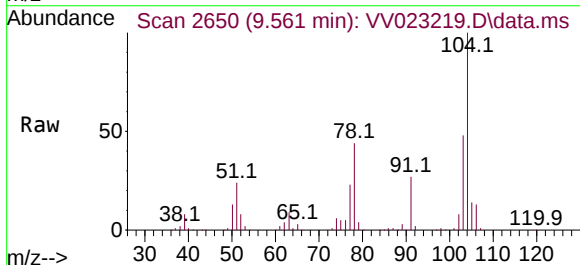
Instrument :
MSVOA_V
ClientSampleId :

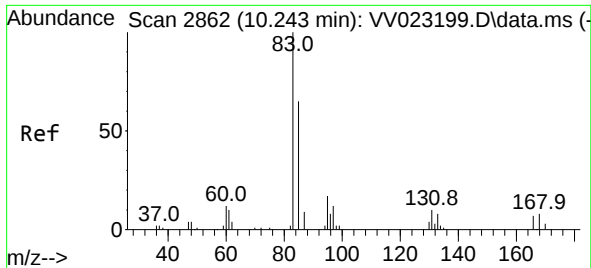
Tgt Ion:106 Resp: 83745
Ion Ratio Lower Upper
106 100
91 214.7 148.1 275.1



#55
Styrene
Concen: 5.399 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion:104 Resp: 149857
Ion Ratio Lower Upper
104 100
78 43.7 30.4 56.5

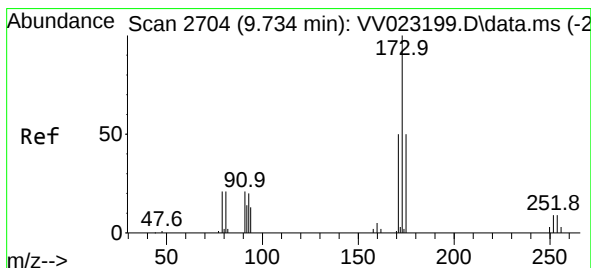
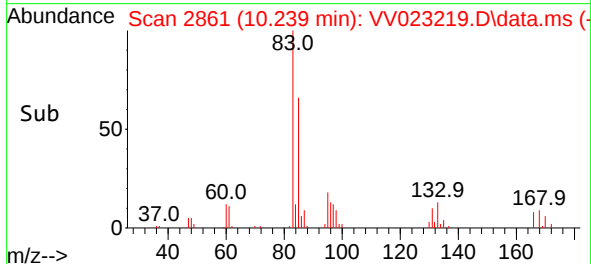
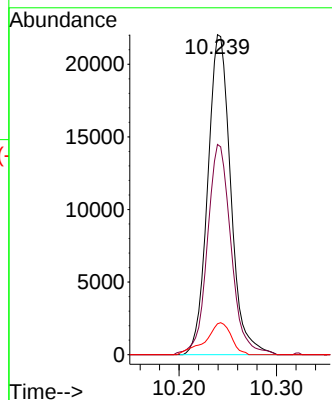
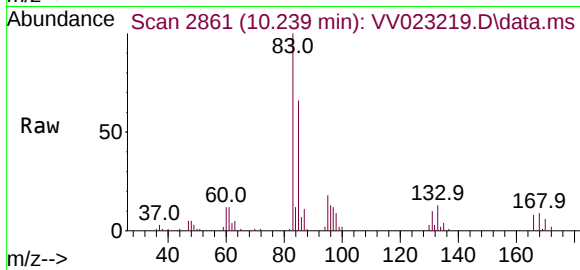




#57
1,1,2,2-Tetrachloroethane
Concen: 5.031 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

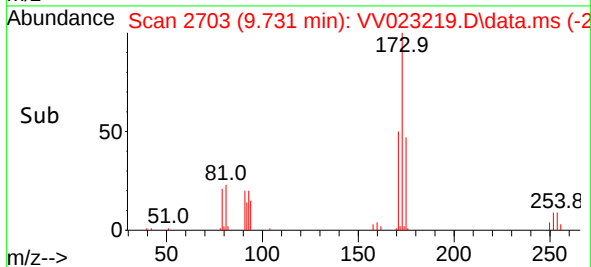
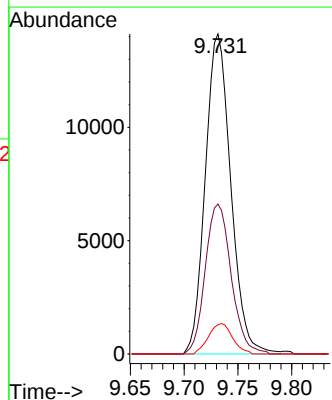
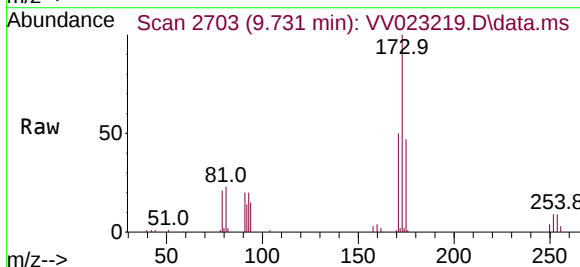
Instrument :
MSVOA_V
ClientSampleId :

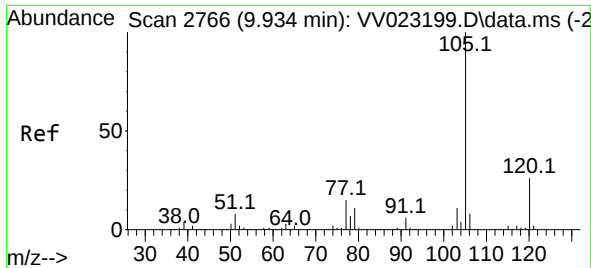
Tgt Ion: 83 Resp: 36072
Ion Ratio Lower Upper
83 100
85 65.7 46.2 85.8
131 9.7 8.7 13.1



#59
Bromoform
Concen: 5.155 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 173 Resp: 23287
Ion Ratio Lower Upper
173 100
175 47.6 39.7 59.5
254 8.9 6.6 10.0

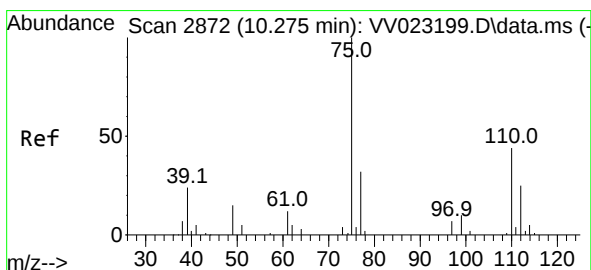
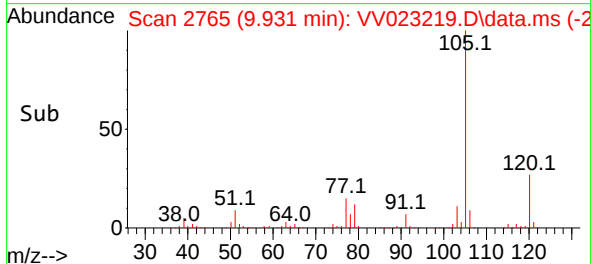
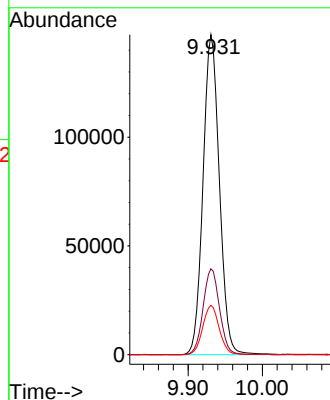
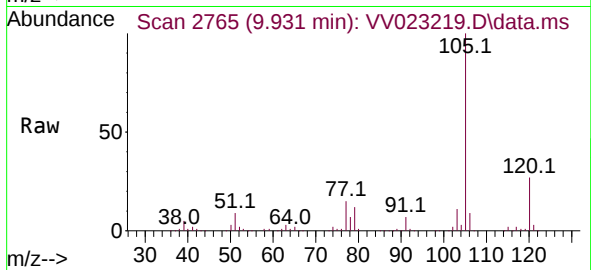




#60
Isopropylbenzene
Concen: 5.185 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

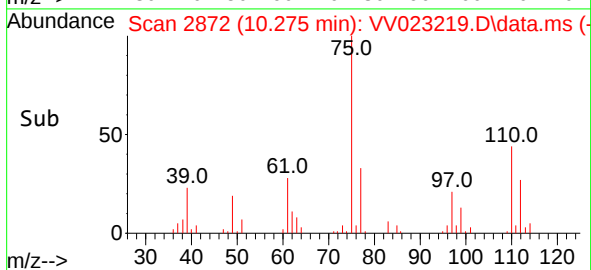
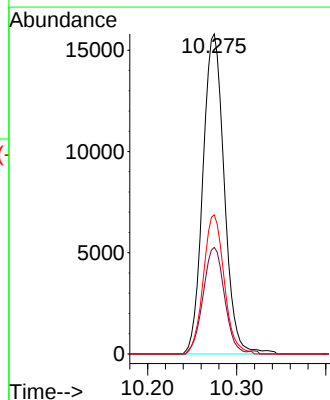
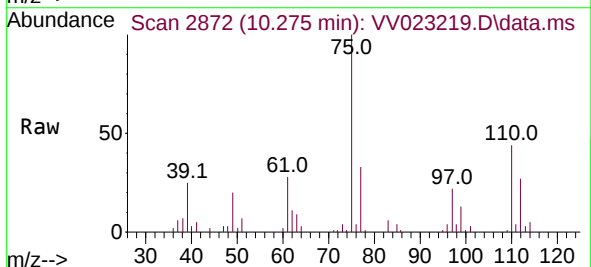
Instrument :
MSVOA_V
ClientSampleId :

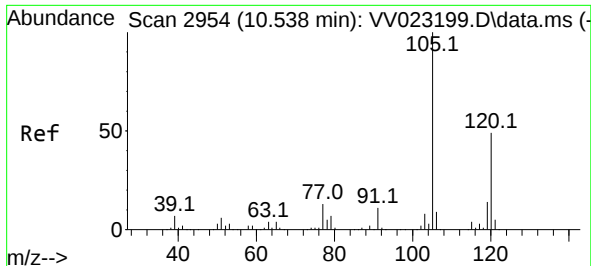
Tgt Ion:105 Resp: 225019
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 15.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.226 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

Tgt Ion: 75 Resp: 26253
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 42.3 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 5.113 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

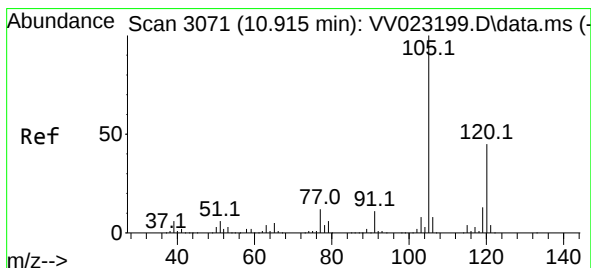
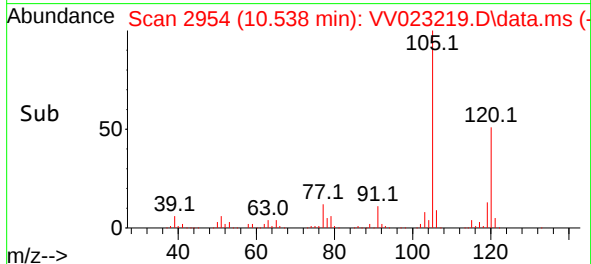
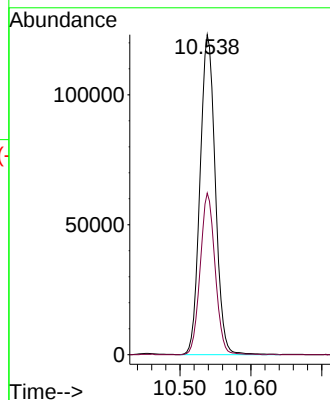
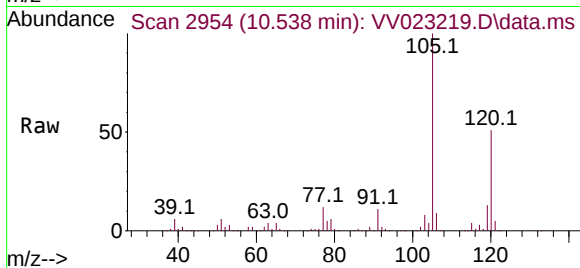
ClientSampleId :

Tgt Ion:105 Resp: 183992

Ion Ratio Lower Upper

105 100

120 49.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.225 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023219.D

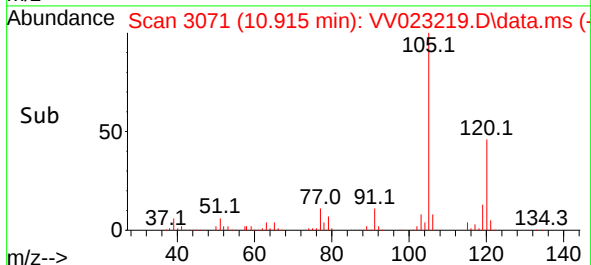
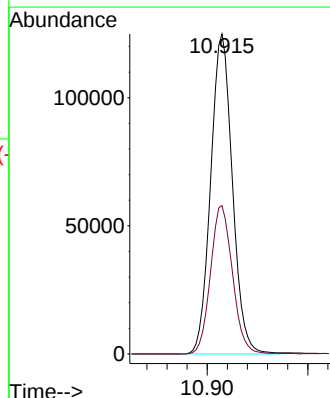
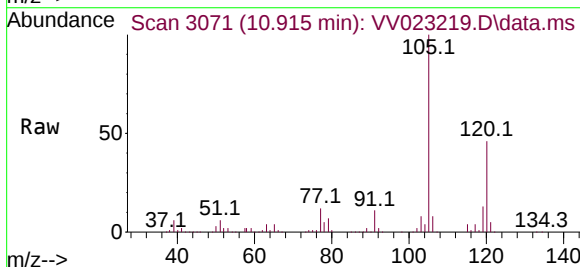
Acq: 05 Nov 2021 09:54

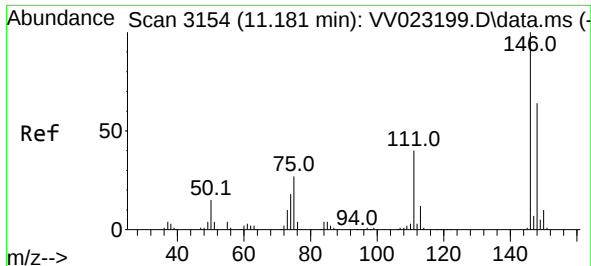
Tgt Ion:105 Resp: 187123

Ion Ratio Lower Upper

105 100

120 47.0 36.5 54.7

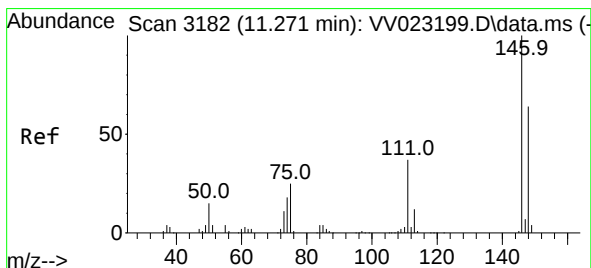
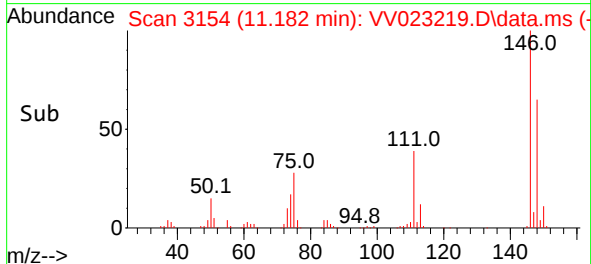
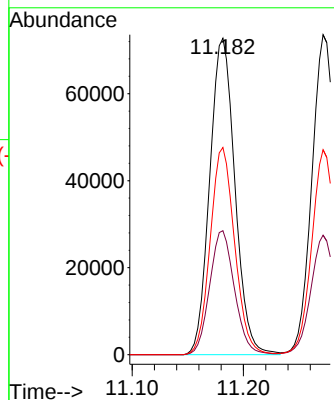
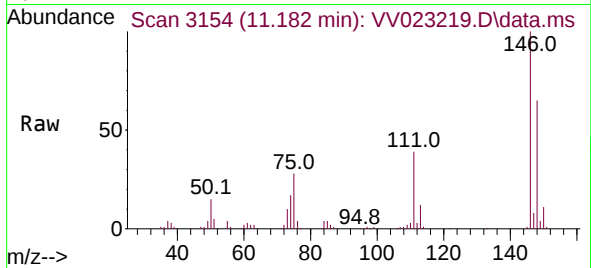




#64
1,3-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

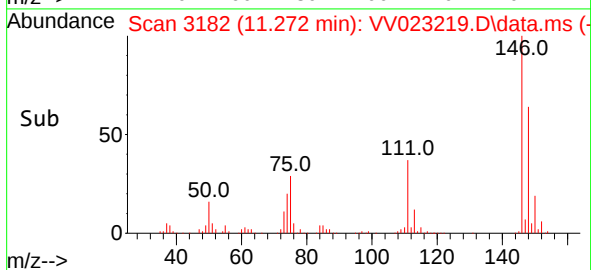
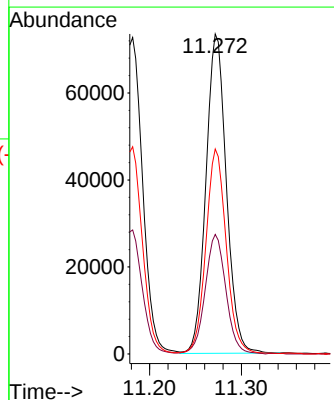
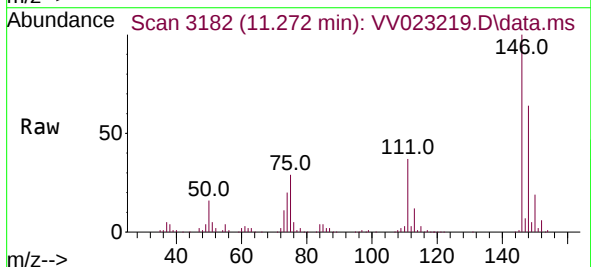
Instrument :
MSVOA_V
ClientSampleId :

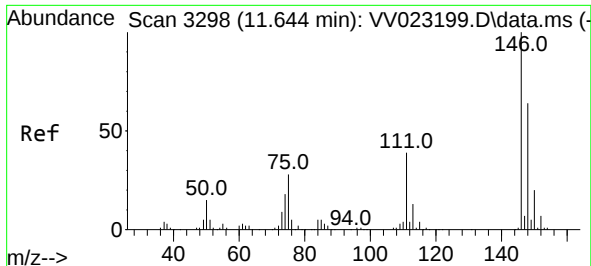
Tgt Ion:146 Resp: 114373
Ion Ratio Lower Upper
146 100
111 39.2 28.1 52.3
148 65.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

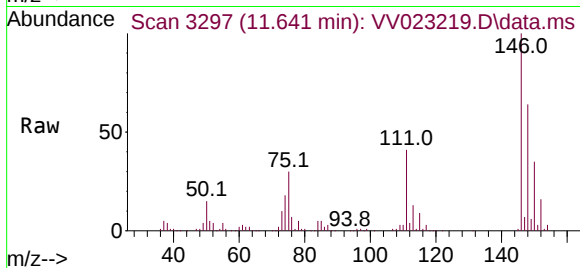
Tgt Ion:146 Resp: 113678
Ion Ratio Lower Upper
146 100
111 37.4 26.1 48.5
148 64.0 44.7 83.1



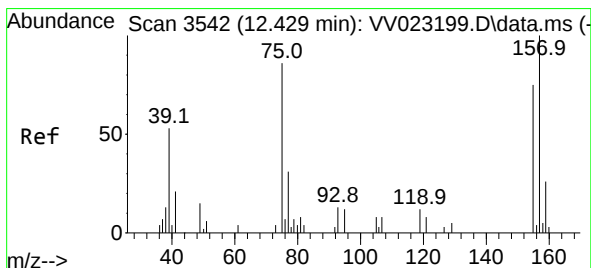
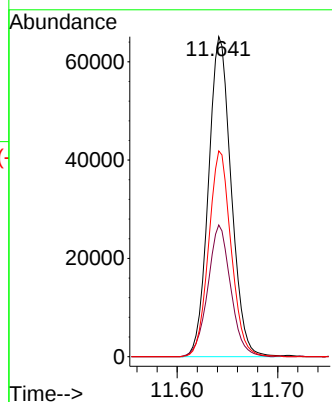
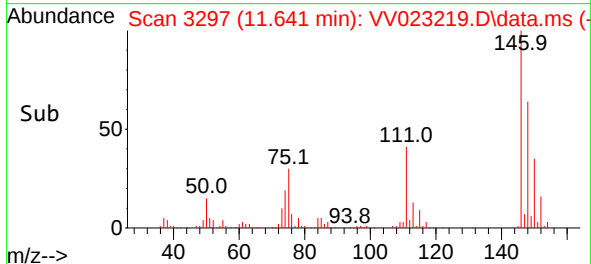


#67
1,2-Dichlorobenzene
Concen: 5.157 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54

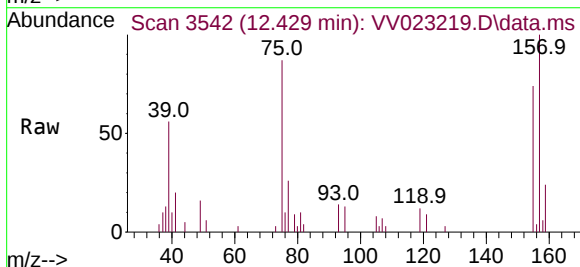
Instrument :
MSVOA_V
ClientSampleId :



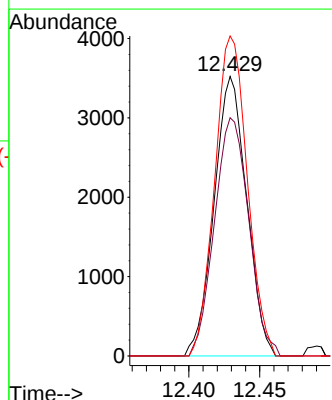
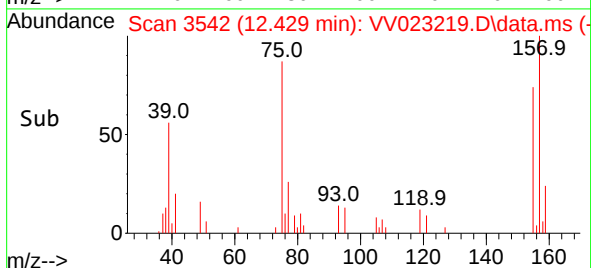
Tgt Ion:146 Resp: 102317
Ion Ratio Lower Upper
146 100
111 41.1 31.3 46.9
148 64.3 51.4 77.2

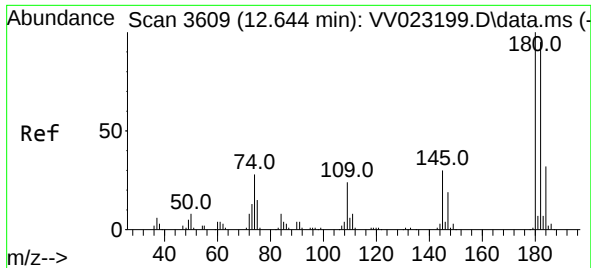


#68
1,2-Dibromo-3-chloropropane
Concen: 5.272 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023219.D
Acq: 05 Nov 2021 09:54



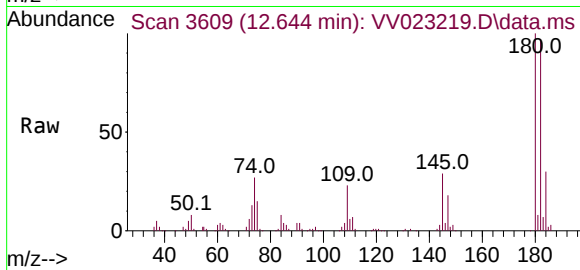
Tgt Ion: 75 Resp: 5643
Ion Ratio Lower Upper
75 100
155 85.2 69.4 104.2
157 114.5 92.8 139.2



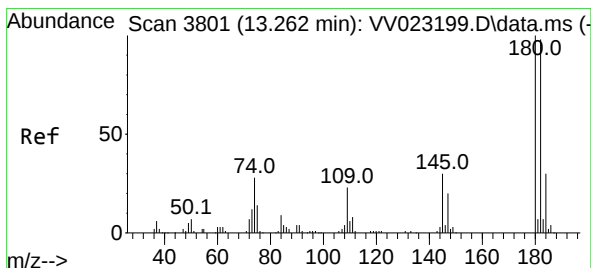
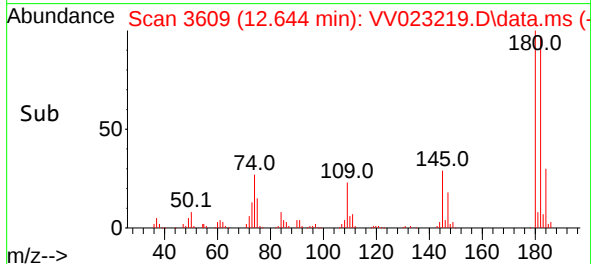
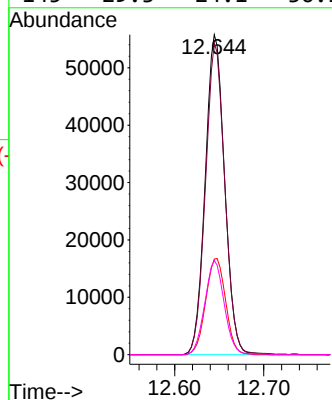


#69
 1,3,5-Trichlorobenzene
 Concen: 4.857 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

Instrument :
 MSVOA_V
 ClientSampleId :

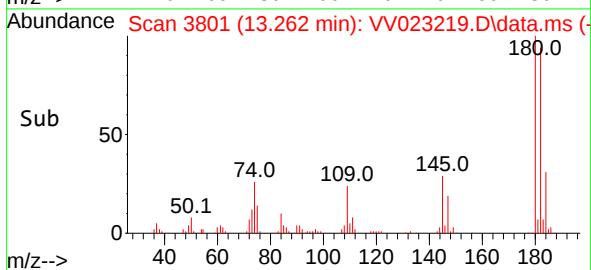
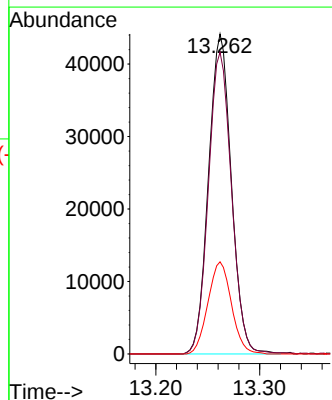
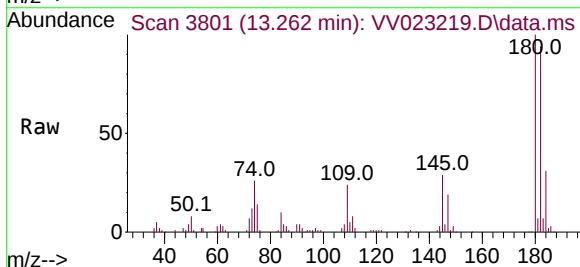


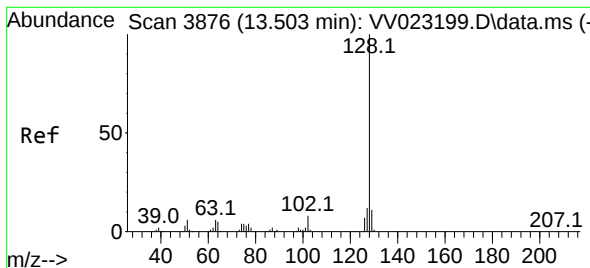
Tgt Ion:180 Resp: 84335
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.1 115.7
 184 30.8 24.9 37.3
 145 29.3 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.836 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023219.D
 Acq: 05 Nov 2021 09:54

Tgt Ion:180 Resp: 67231
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.4 116.2
 145 29.7 24.1 36.1





#71

Naphthalene

Concen: 4.693 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023219.D

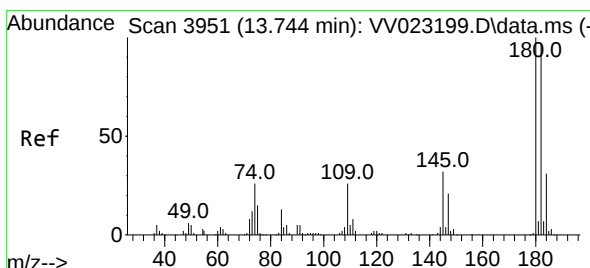
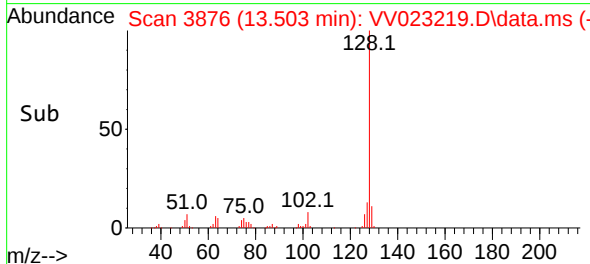
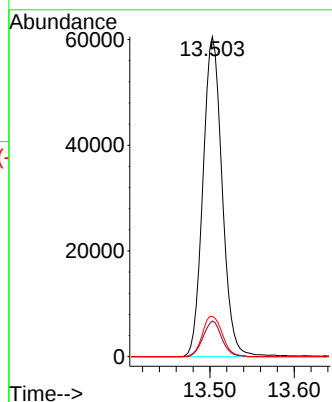
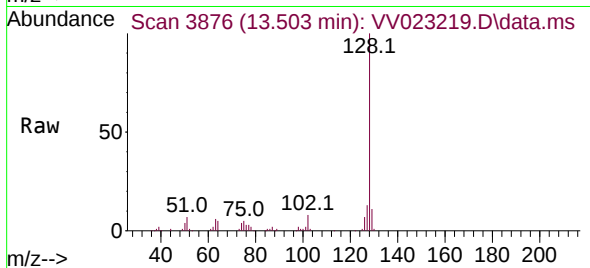
Acq: 05 Nov 2021 09:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	96208
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.6 12.8
127	13.2	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.975 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023219.D

Acq: 05 Nov 2021 09:54

Tgt Ion:180	Resp:	60520
Ion Ratio	Lower	Upper
180	100	
182	94.4	77.1 115.7
145	32.1	25.4 38.0

