

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023246.D
 Acq On : 05 Nov 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:19:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	135757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41720	4.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	34745	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.111	63	78651	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.908	46	77269	60.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.260%
24) Chloroform-d	4.352	84	92006	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.037	65	40956	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.053	84	175499	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.072	67	51090	5.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	166467	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.625	79	18178	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.092	63	75899	54.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37369	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	61336	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	64363	4.862	ug/L	99
3) Chloromethane	1.240	50	56765	5.044	ug/L	97
5) Vinyl chloride	1.310	62	56536	5.030	ug/L	100
6) Bromomethane	1.523	94	35553	4.948	ug/L	100
8) Chloroethane	1.584	64	33048	5.095	ug/L	97
9) Trichlorofluoromethane	1.754	101	85516	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41196	4.845	ug/L	99
12) 1,1-Dichloroethene	2.121	96	39963	4.936	ug/L	97
13) Acetone	2.195	43	44145	46.474	ug/L	85
14) Carbon disulfide	2.294	76	150772	4.935	ug/L	100
15) Methyl Acetate	2.445	43	15825	4.356	ug/L	99
16) Methylene chloride	2.510	84	51363	4.348	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	90246	5.064	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	50477	5.072	ug/L	98
19) 1,1-Dichloroethane	3.191	63	87596	5.213	ug/L	100
21) 2-Butanone	3.995	43	76392	62.280	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	49474	5.166	ug/L	100
23) Bromochloromethane	4.252	128	22637	5.126	ug/L	97
25) Chloroform	4.378	83	91256	5.095	ug/L	98

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 ALS Vial : 29 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Nov 08 03:19:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

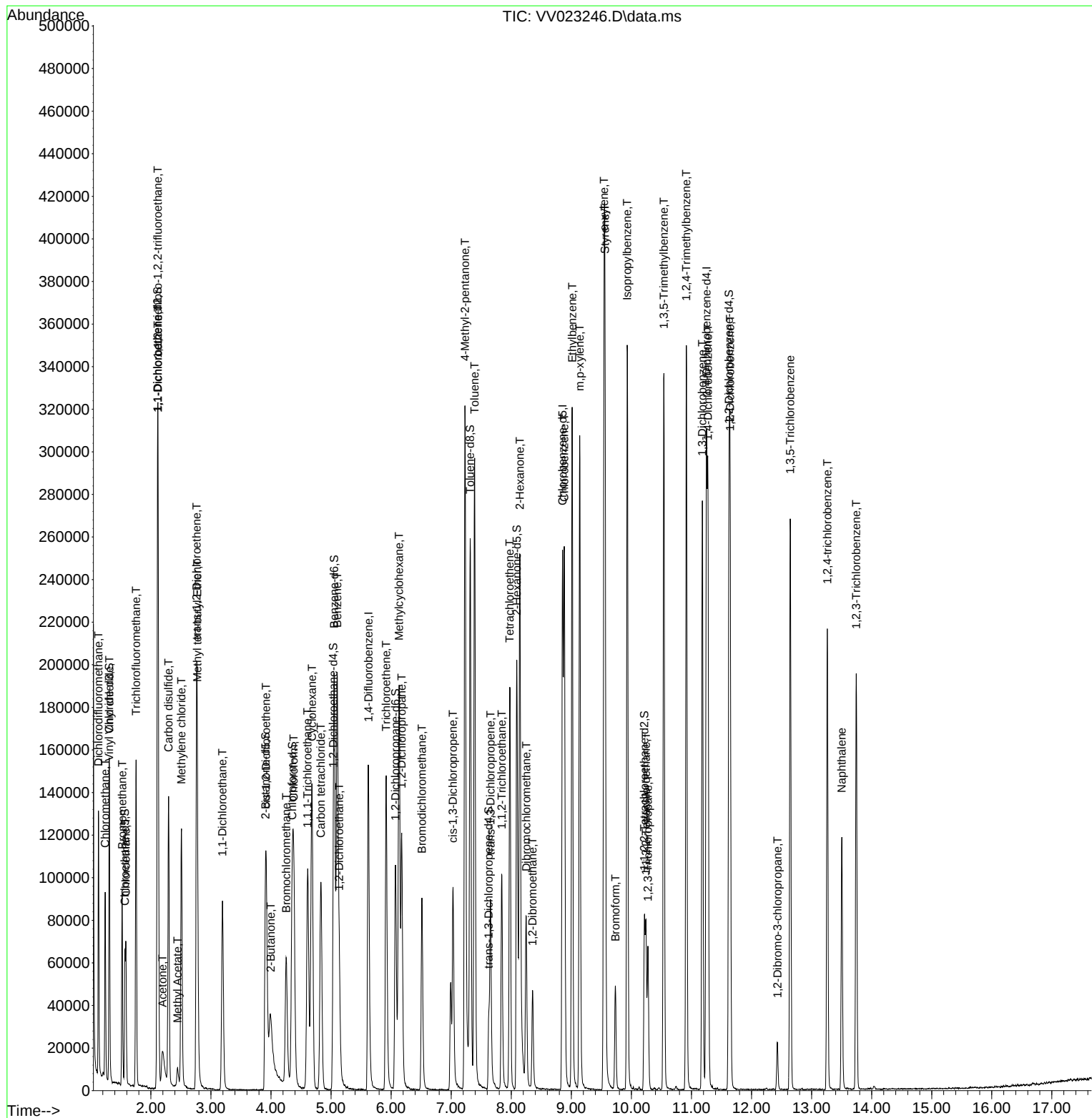
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	48534	5.095	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	83169	5.141	ug/L	99
30) Cyclohexane	4.683	56	73314	5.057	ug/L	99
31) Carbon tetrachloride	4.831	117	74067	5.098	ug/L	100
33) Benzene	5.101	78	194606	5.227	ug/L	100
34) Trichloroethene	5.918	95	50938	5.145	ug/L	98
35) Methylcyclohexane	6.133	83	75680	4.843	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47099	5.419	ug/L	97
38) Bromodichloromethane	6.513	83	60353	5.181	ug/L	95
39) cis-1,3-Dichloropropene	7.031	75	58645	4.691	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	230076	57.072	ug/L	98
42) Toluene	7.391	91	217341	5.458	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	52603	5.071	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	32584	5.217	ug/L	95
47) Tetrachloroethene	7.976	164	43173	5.031	ug/L	97
48) 2-Hexanone	8.143	43	170067	58.819	ug/L	98
49) Dibromochloromethane	8.249	129	40684	5.141	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30973	5.351	ug/L	99
51) Chlorobenzene	8.883	112	133952	5.061	ug/L	97
52) Ethylbenzene	9.014	91	218760	5.208	ug/L	99
53) m,p-xylene	9.140	106	85537	5.189	ug/L	98
54) o-xylene	9.545	106	82038	5.305	ug/L	97
55) Styrene	9.561	104	145755	5.502	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	36198	5.290	ug/L	95
59) Bromoform	9.735	173	22507	5.011	ug/L	98
60) Isopropylbenzene	9.931	105	222076	5.146	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26196	5.244	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	178816	4.997	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	182162	5.115	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	112392	5.097	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	112485	4.995	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	103481	5.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5248	4.931	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	81324	4.711	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64445	4.661	ug/L	99
71) Naphthalene	13.503	128	93036	4.564	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	59981	4.959	ug/L	97

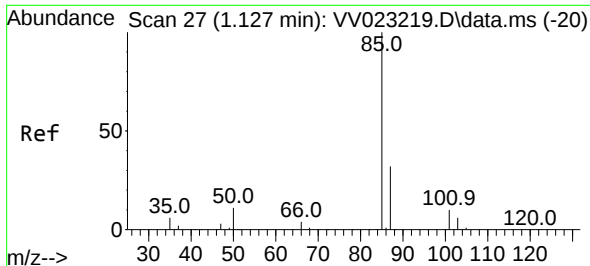
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

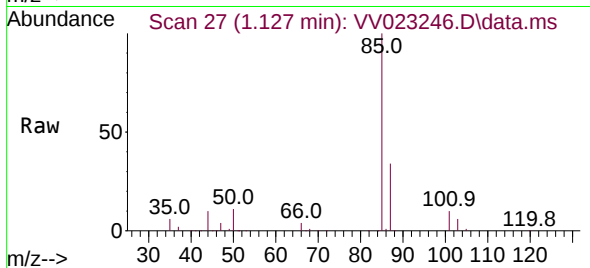
Quant Time: Nov 08 03:19:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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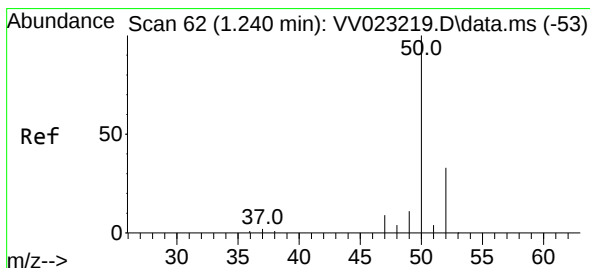
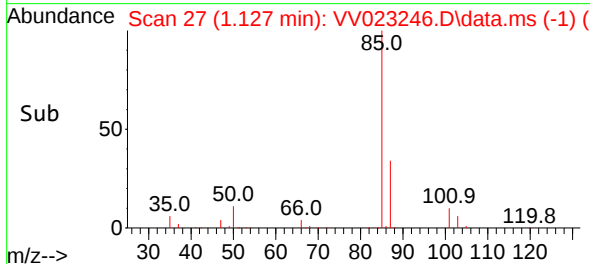
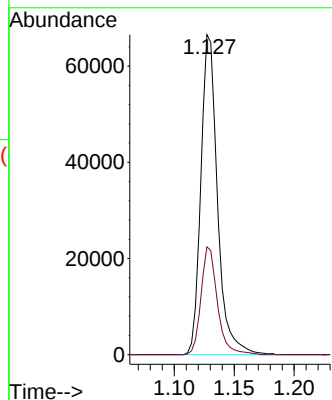


#2
 Dichlorodifluoromethane
 Concen: 4.862 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

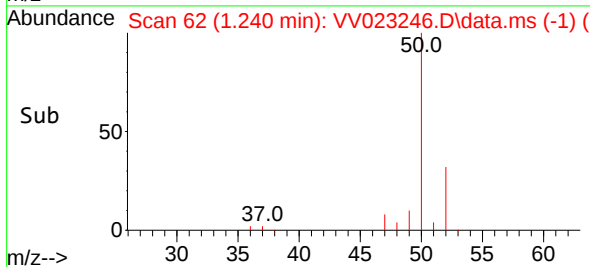
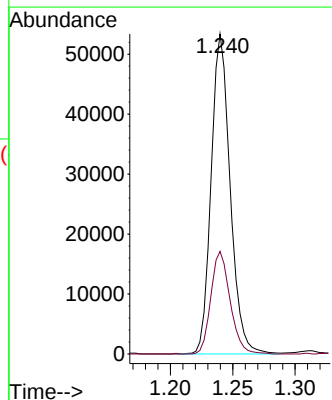
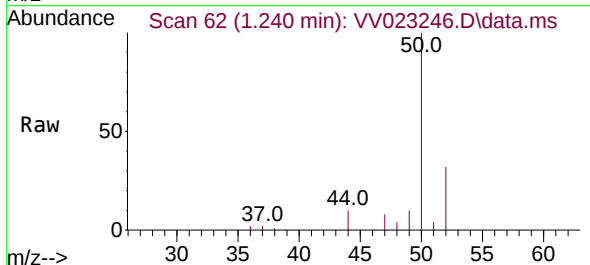


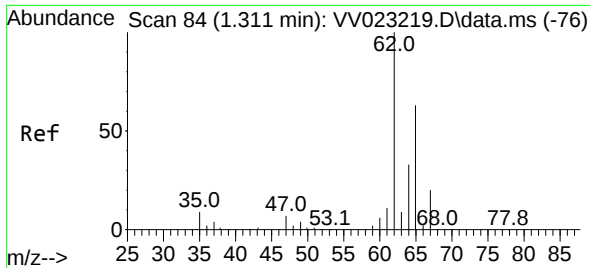
Tgt Ion: 85 Resp: 64363
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 5.044 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

Tgt Ion: 50 Resp: 56765
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

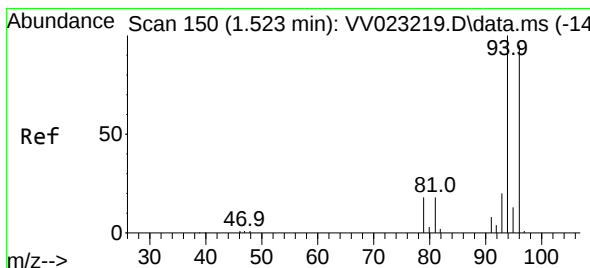
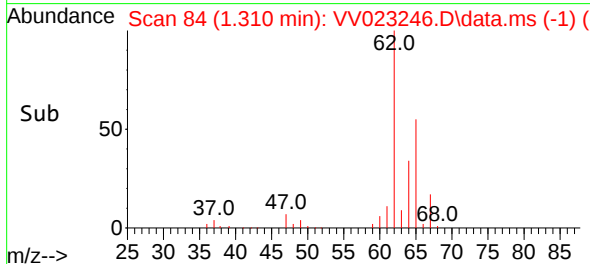
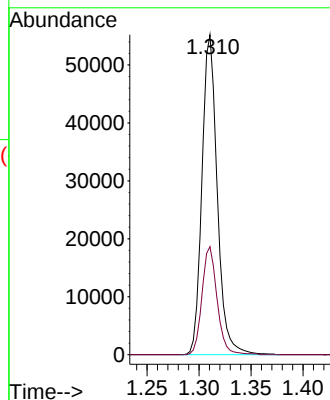
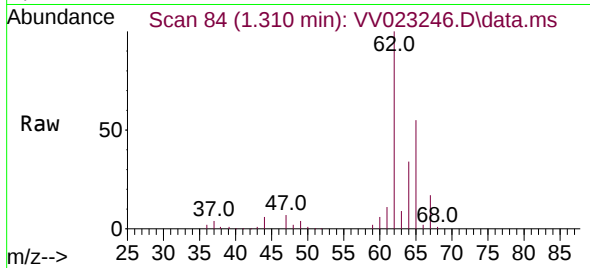




#5
 Vinyl chloride
 Concen: 5.030 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

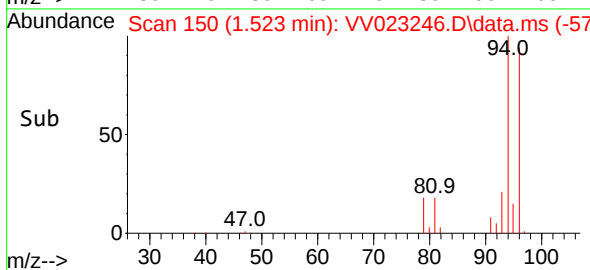
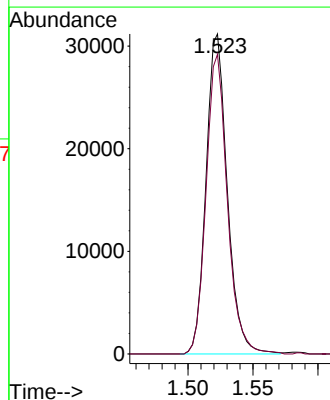
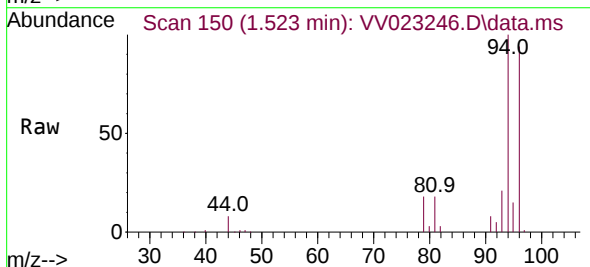
Instrument :
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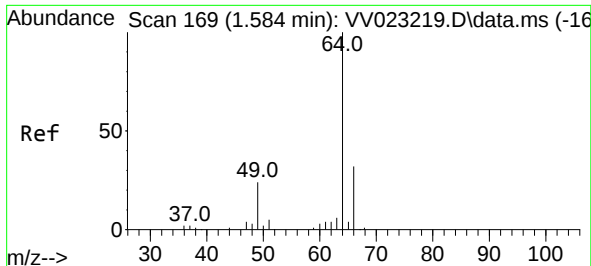
Tgt Ion: 62 Resp: 56536
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.7 43.9



#6
 Bromomethane
 Concen: 4.948 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

Tgt Ion: 94 Resp: 35553
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.7 122.1

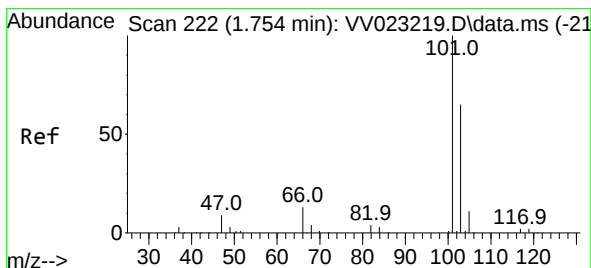
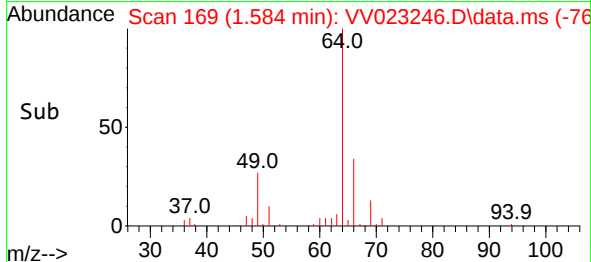
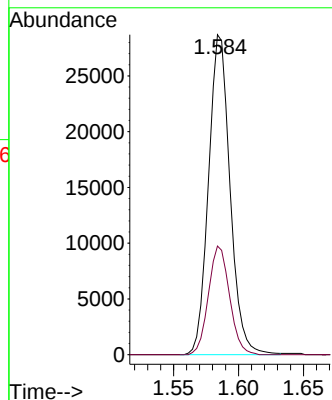
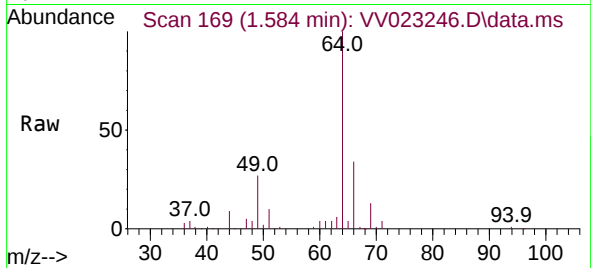




#8
Chloroethane
Concen: 5.095 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

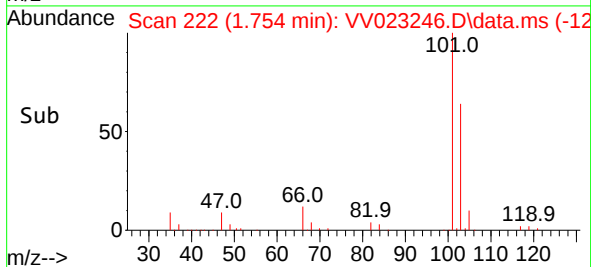
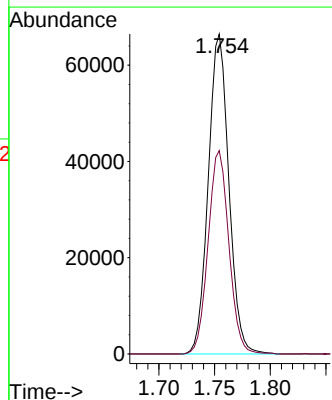
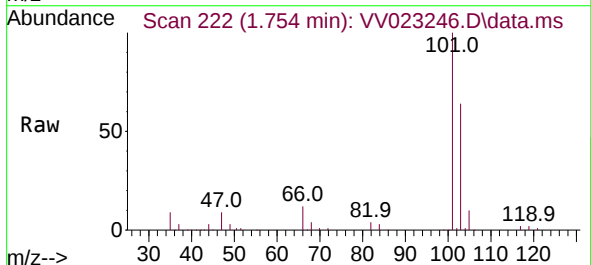
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MSVOA_V
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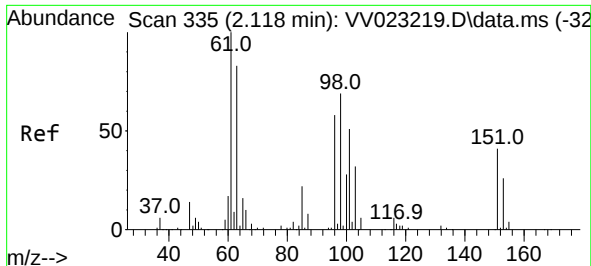
Tgt Ion: 64 Resp: 33048
Ion Ratio Lower Upper
64 100
66 33.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.063 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:101 Resp: 85516
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

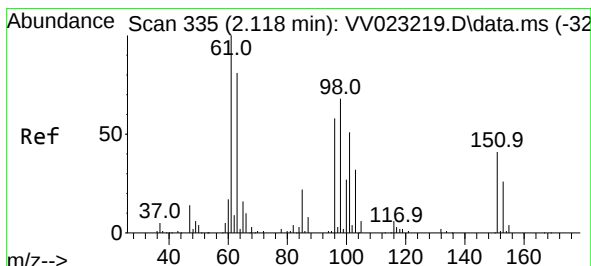
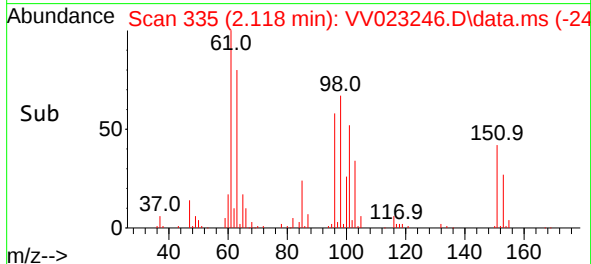
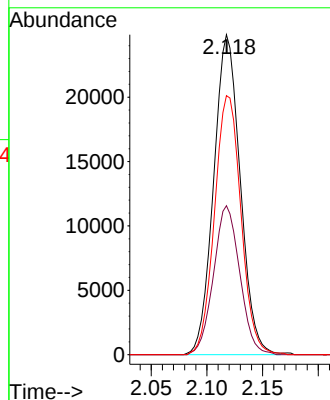
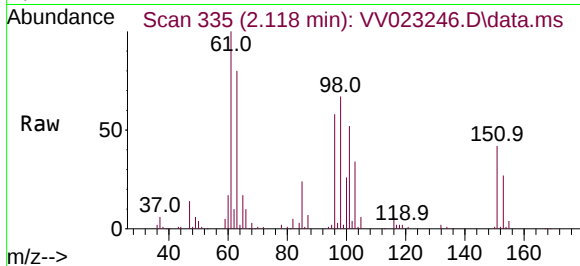




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.118 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

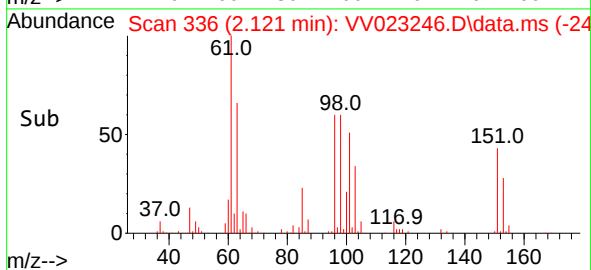
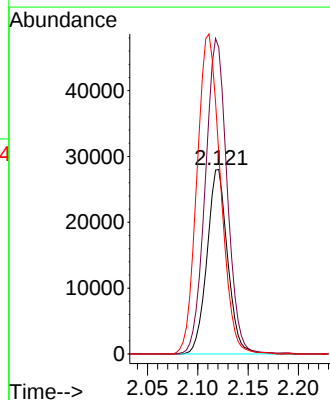
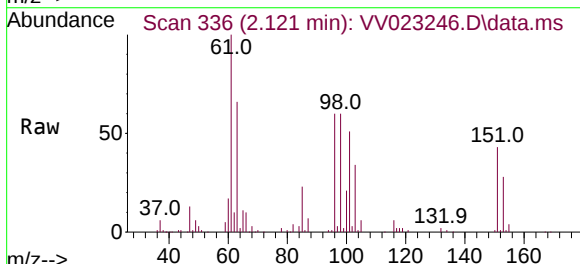
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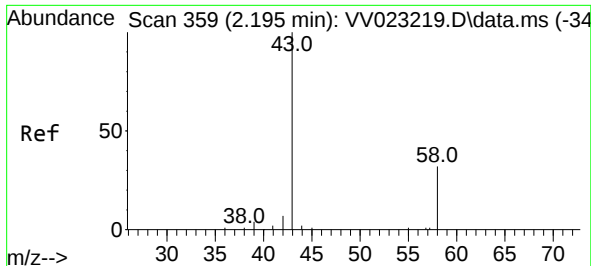
Tgt Ion:101 Resp: 41196
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.4 53.0
 151 80.9 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 4.936 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

Tgt Ion: 96 Resp: 39963
 Ion Ratio Lower Upper
 96 100
 61 166.2 117.7 218.7
 63 109.1 80.5 149.5





#13

Acetone

Concen: 46.474 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

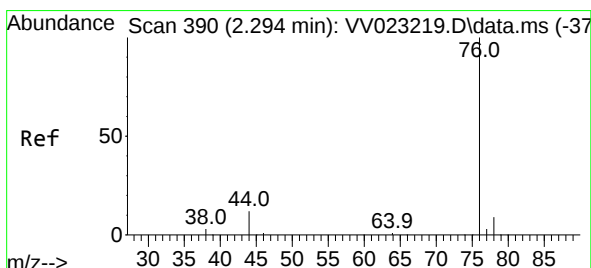
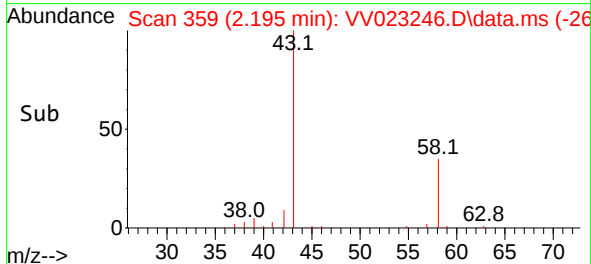
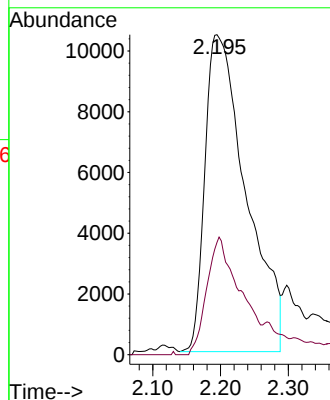
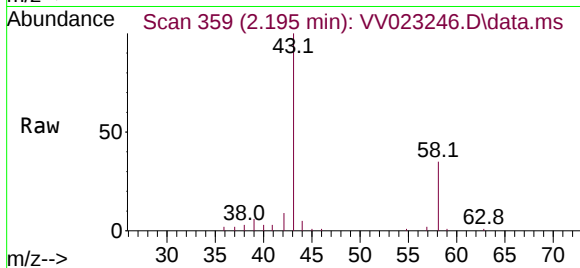
ClientSampleId :

Tgt Ion: 43 Resp: 44145

Ion Ratio Lower Upper

43 100

58 30.1 0.0 45.8



#14

Carbon disulfide

Concen: 4.935 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023246.D

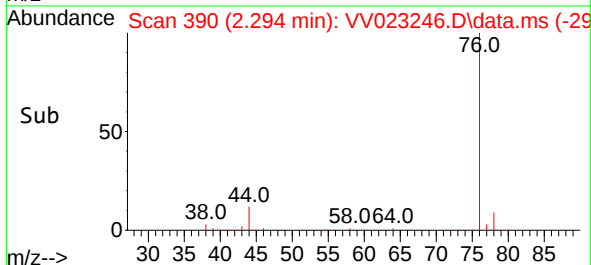
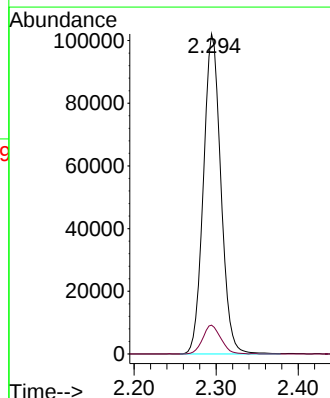
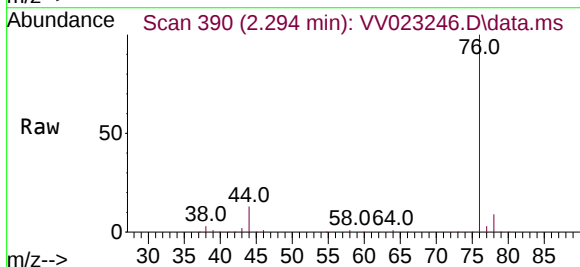
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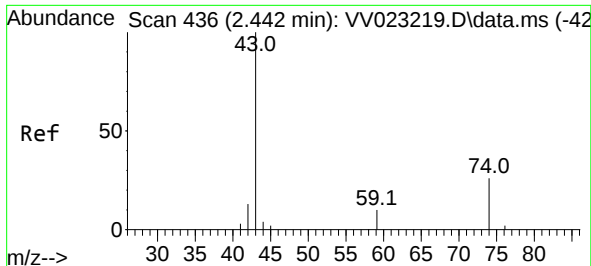
Tgt Ion: 76 Resp: 150772

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 4.356 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

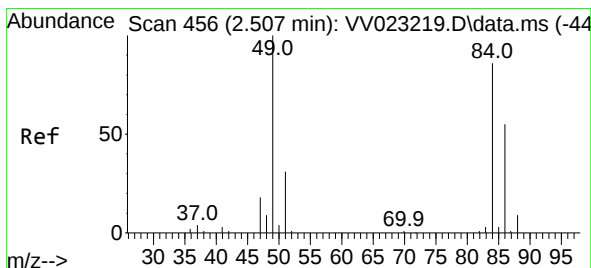
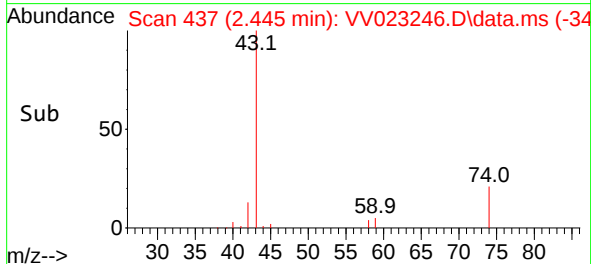
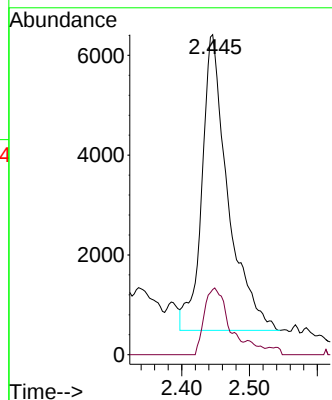
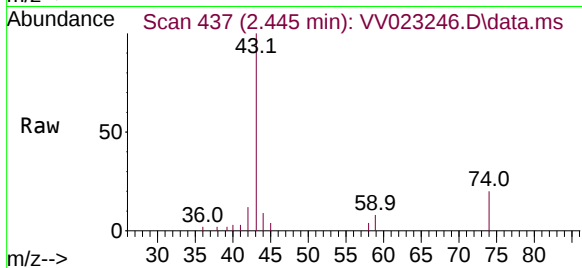
ClientSampleId :

Tgt Ion: 43 Resp: 15825

Ion Ratio Lower Upper

43 100

74 20.3 16.0 24.0



#16

Methylene chloride

Concen: 4.348 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

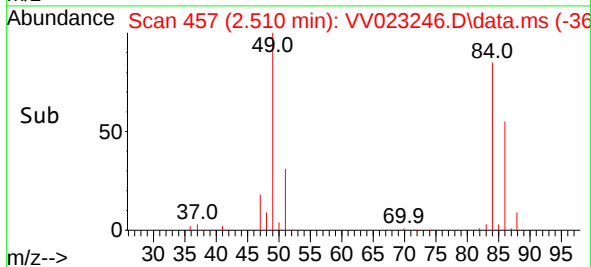
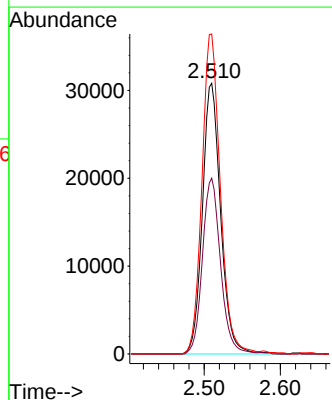
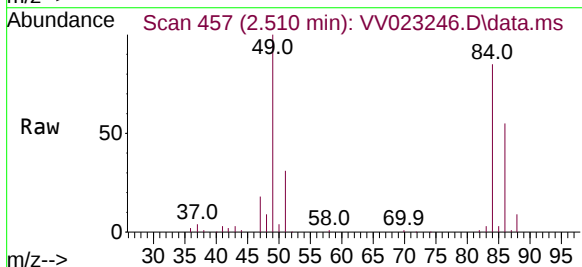
Tgt Ion: 84 Resp: 51363

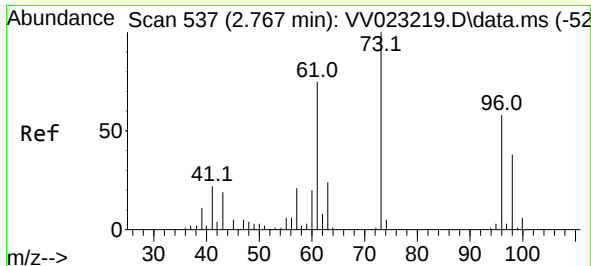
Ion Ratio Lower Upper

84 100

86 64.9 43.3 80.5

49 118.2 84.1 156.1

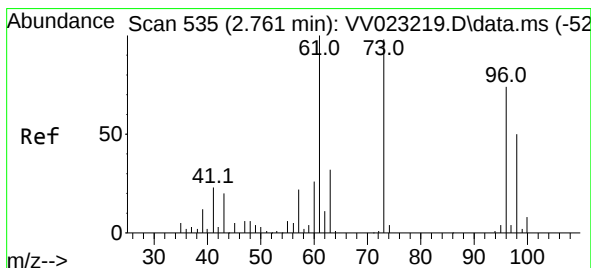
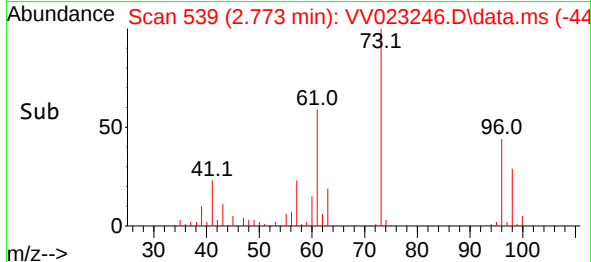
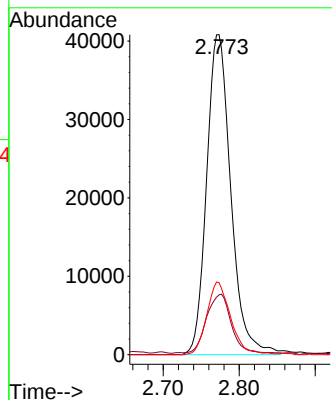
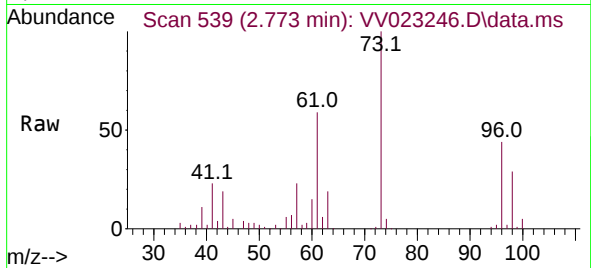




#17
Methyl tert-butyl Ether
Concen: 5.064 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

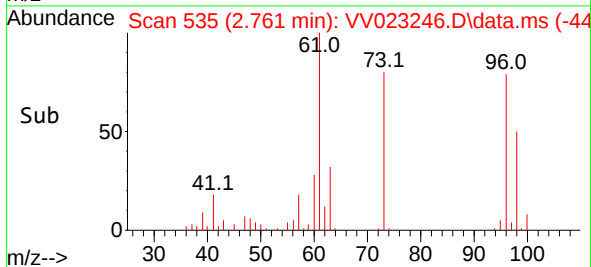
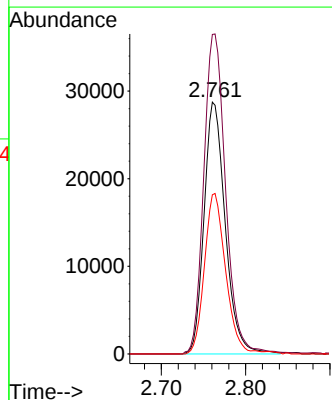
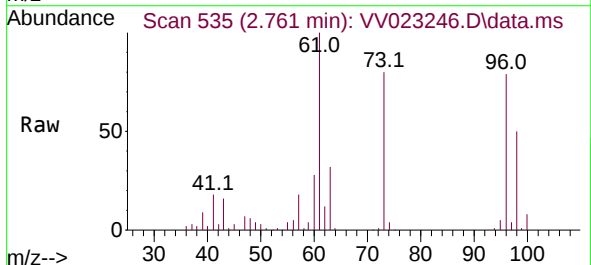
Instrument :
MSVOA_V
ClientSampleId :

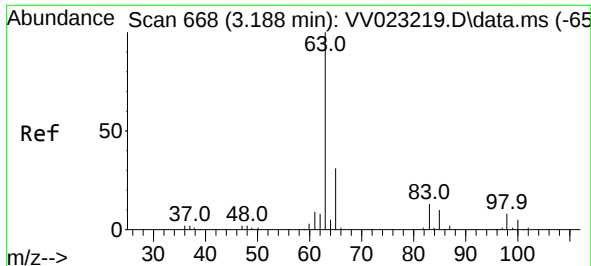
Tgt Ion: 73 Resp: 90246
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.4
57 22.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.072 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion: 96 Resp: 50477
Ion Ratio Lower Upper
96 100
61 126.9 89.2 165.6
98 63.2 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.213 ug/L

RT: 3.191 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV023246.D

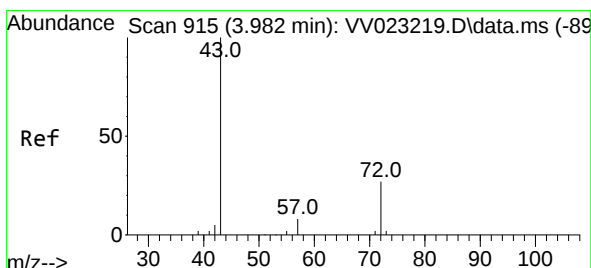
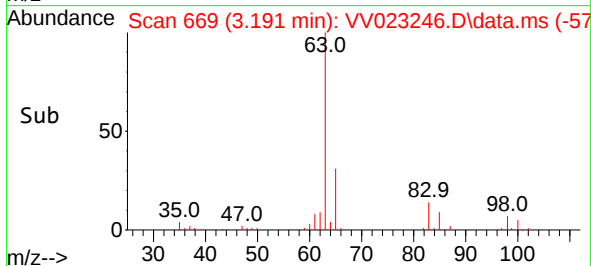
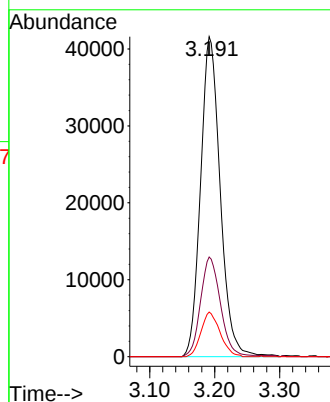
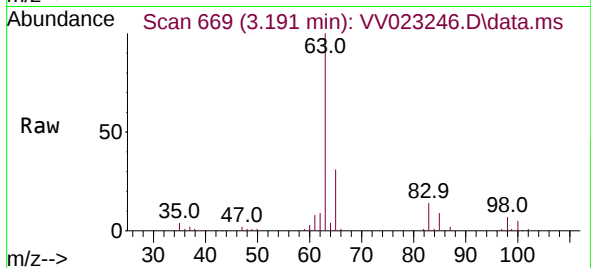
Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	87596
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.6	40.2
83	14.0	9.8	18.2



#21

2-Butanone

Concen: 62.280 ug/L

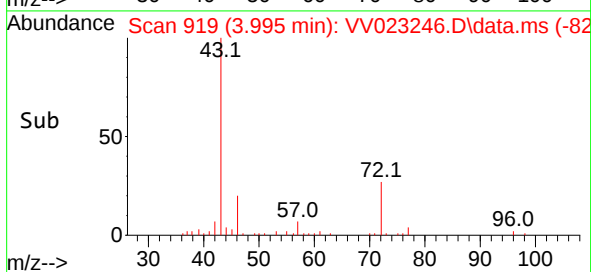
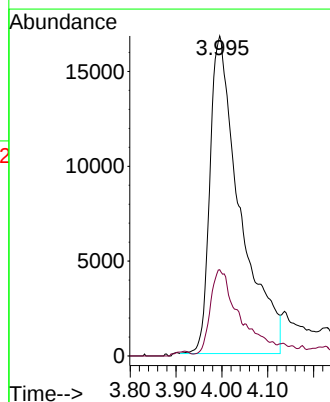
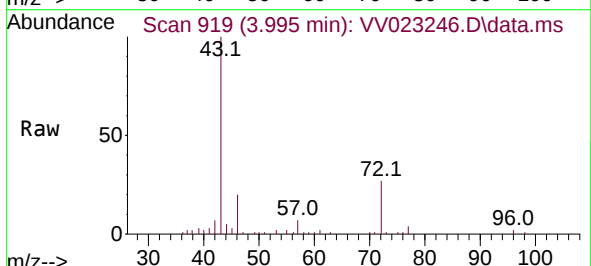
RT: 3.995 min Scan# 919

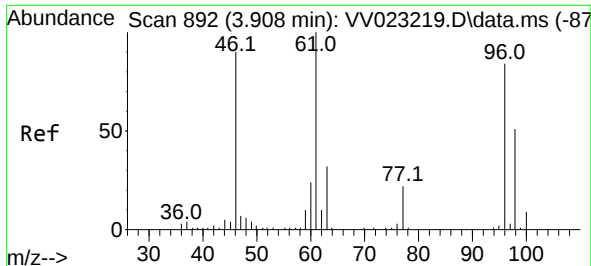
Delta R.T. 0.013 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Tgt Ion:	43	Resp:	76392
Ion	Ratio	Lower	Upper
43	100		
72	25.1	11.6	34.7





#22

cis-1,2-Dichloroethene

Concen: 5.166 ug/L

RT: 3.918 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

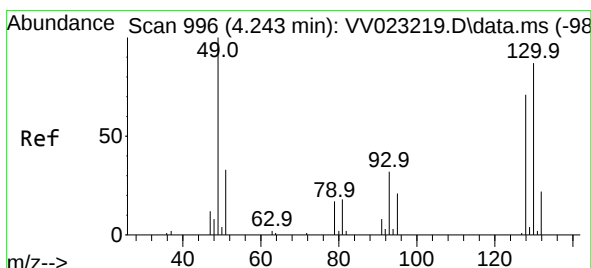
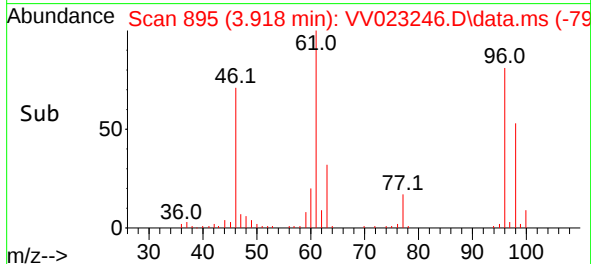
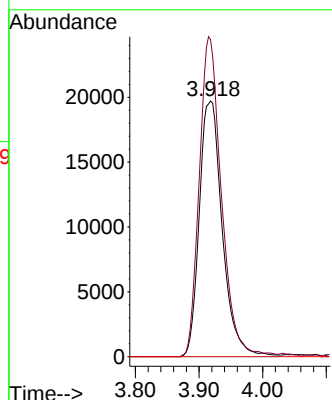
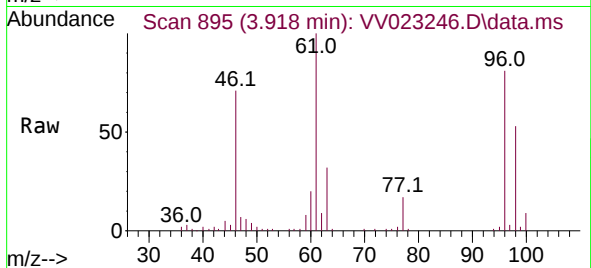
Tgt Ion: 96 Resp: 49474

Ion Ratio Lower Upper

96 100

61 123.9 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.126 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.010 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Tgt Ion:128 Resp: 22637

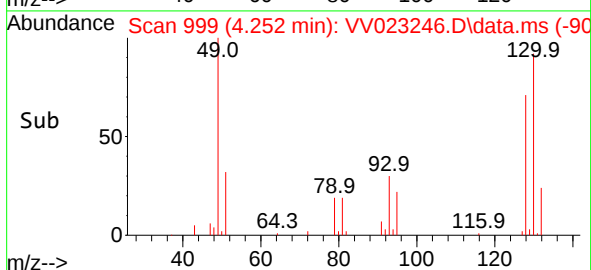
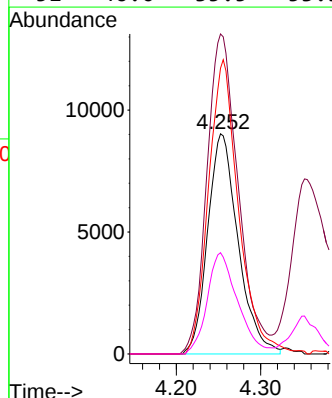
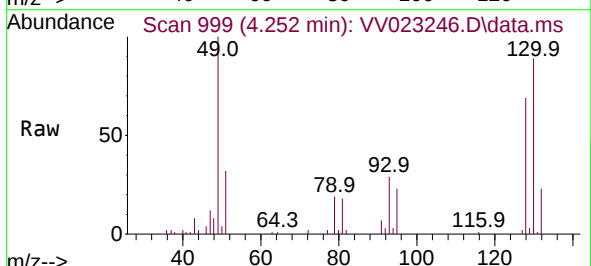
Ion Ratio Lower Upper

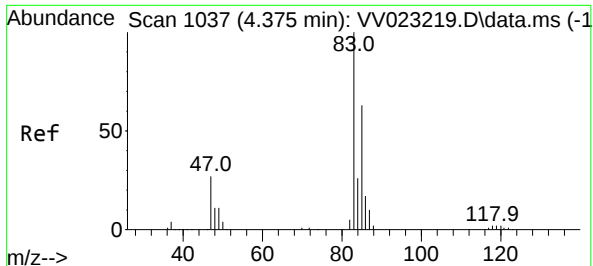
128 100

49 145.4 103.0 191.4

130 129.8 86.7 161.1

51 46.0 35.5 53.3





#25

Chloroform

Concen: 5.095 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

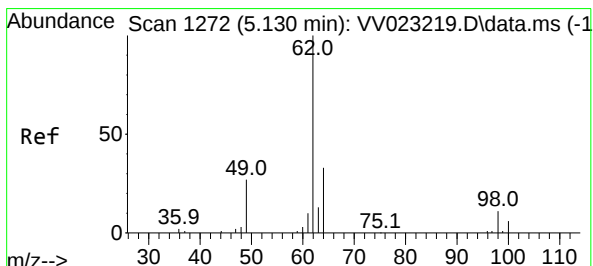
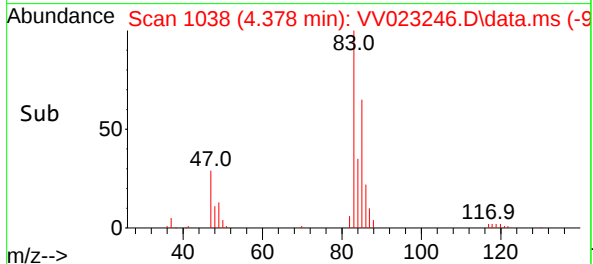
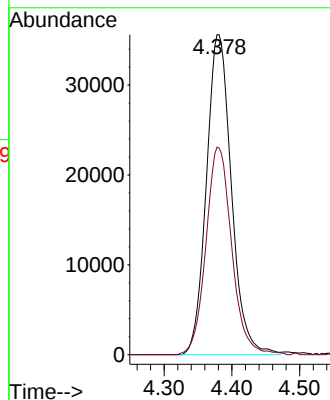
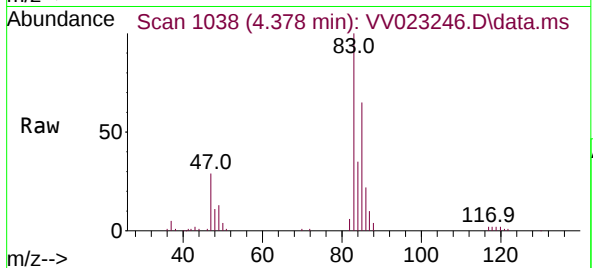
ClientSampleId :

Tgt Ion: 83 Resp: 91256

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.095 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV023246.D

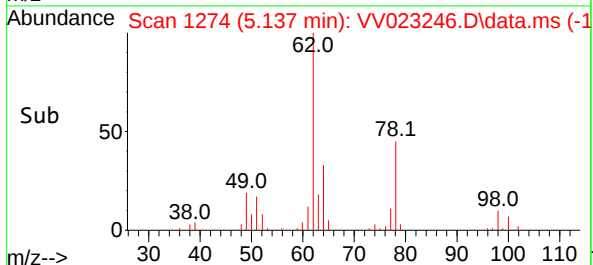
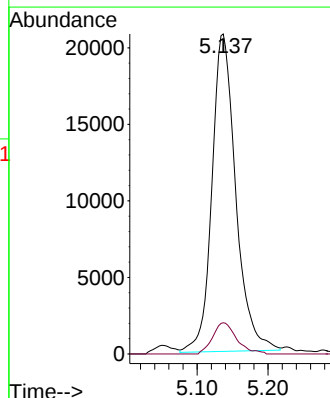
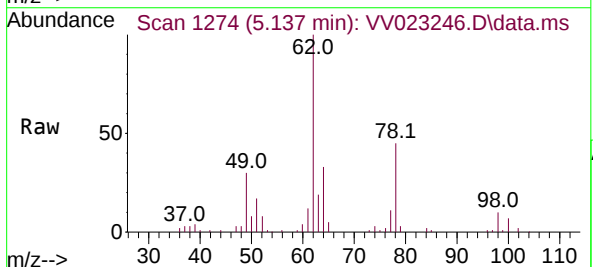
Acq: 05 Nov 2021 20:40

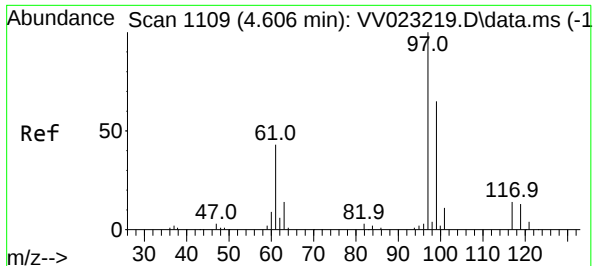
Tgt Ion: 62 Resp: 48534

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.141 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023246.D

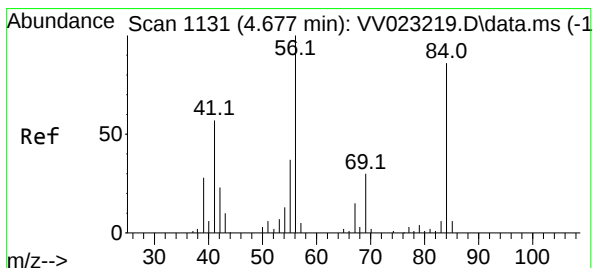
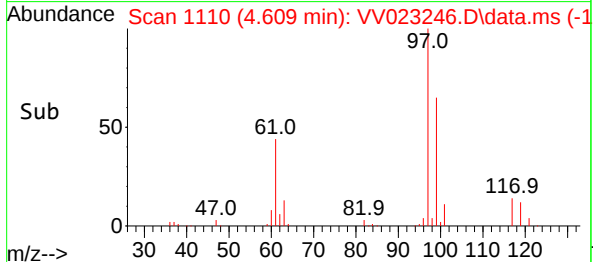
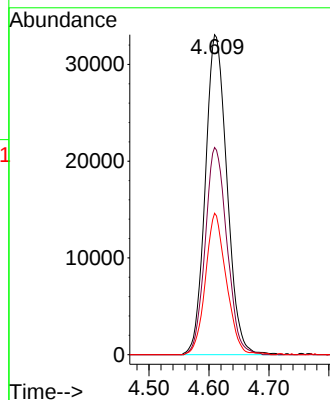
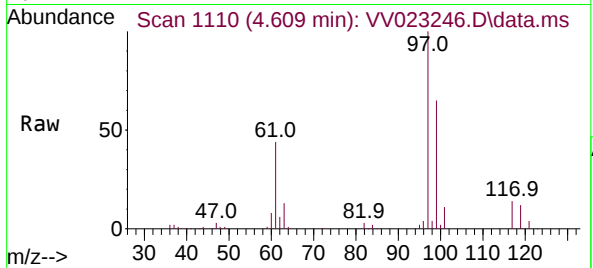
Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 83169
Ion Ratio	Lower Upper
97 100	
99 65.0	51.3 76.9
61 42.6	33.5 50.3



#30

Cyclohexane

Concen: 5.057 ug/L

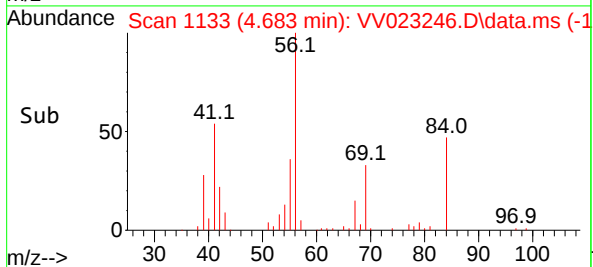
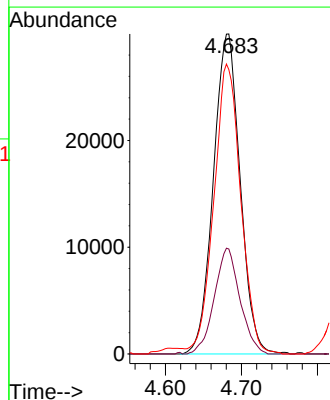
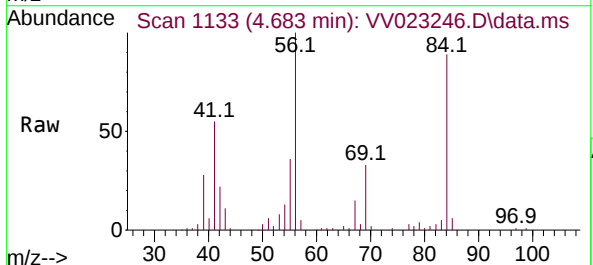
RT: 4.683 min Scan# 1133

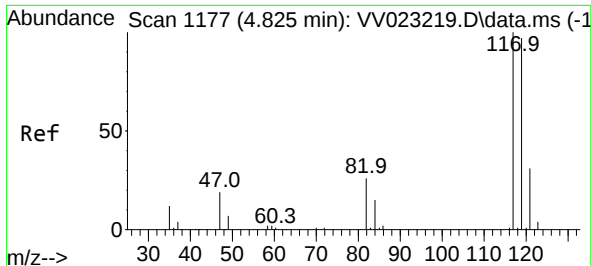
Delta R.T. 0.006 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Tgt Ion: 56	Resp: 73314
Ion Ratio	Lower Upper
56 100	
69 31.6	24.7 37.1
84 91.1	73.8 110.6

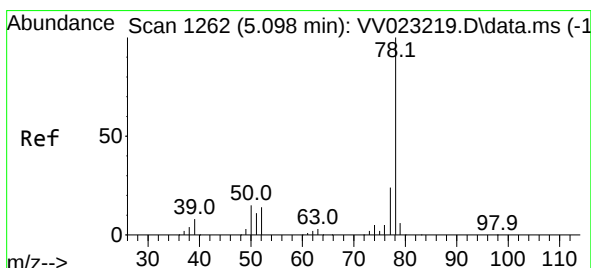
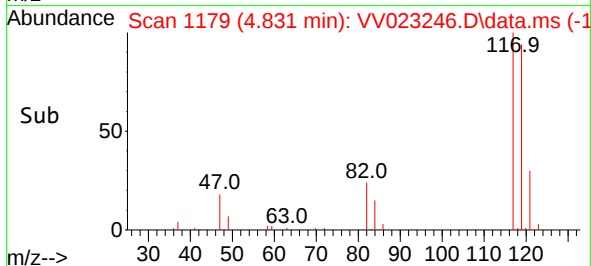
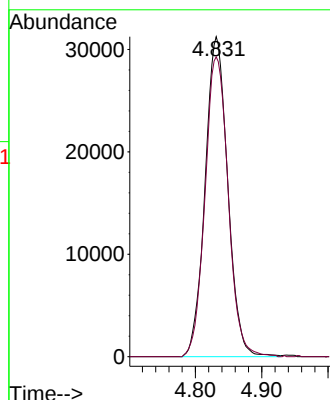
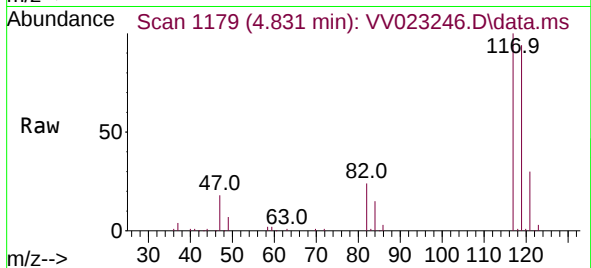




#31
Carbon tetrachloride
Concen: 5.098 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

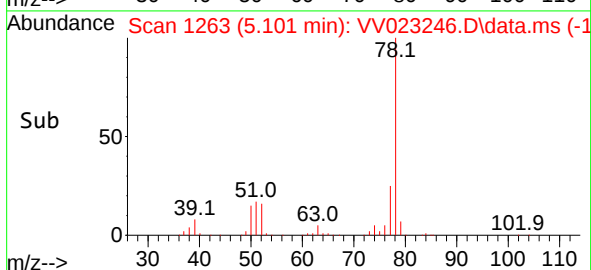
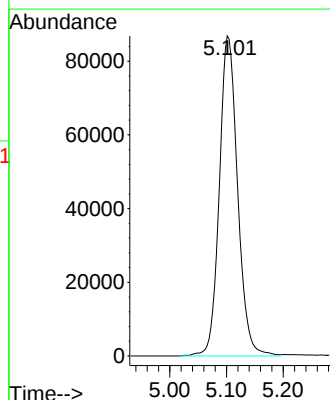
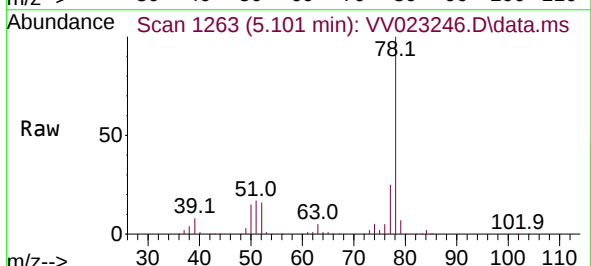
Instrument :
MSVOA_V
ClientSampleId :

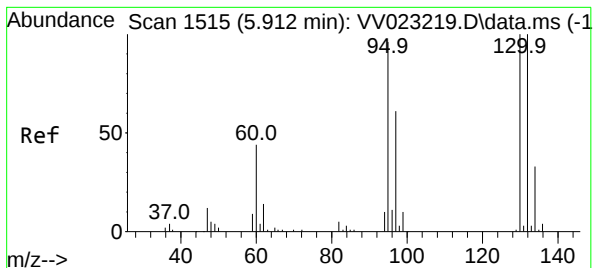
Tgt Ion:117 Resp: 74067
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 5.227 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion: 78 Resp: 194606





#34

Trichloroethene

Concen: 5.145 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50938

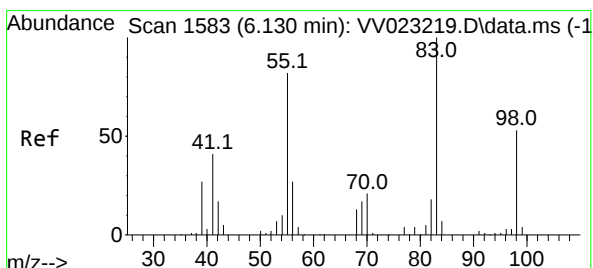
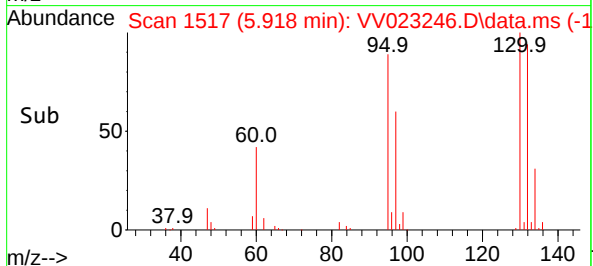
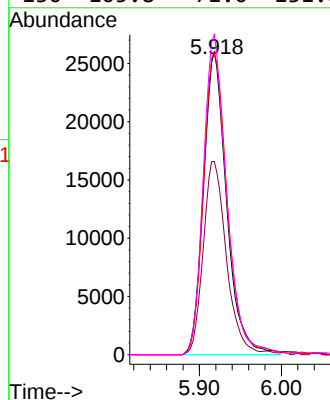
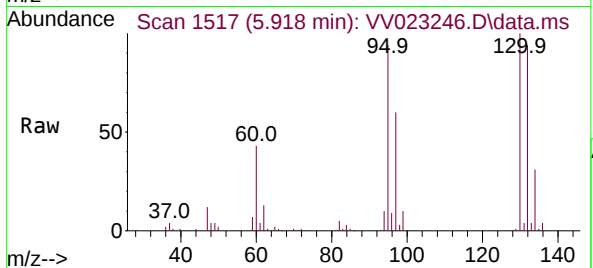
Ion Ratio Lower Upper

95 100

97 63.9 43.3 80.5

132 99.9 70.0 130.0

130 105.8 71.0 131.8



#35

Methylcyclohexane

Concen: 4.843 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

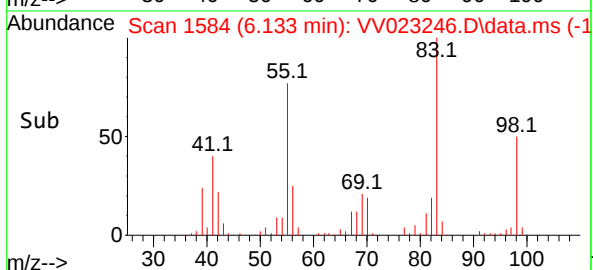
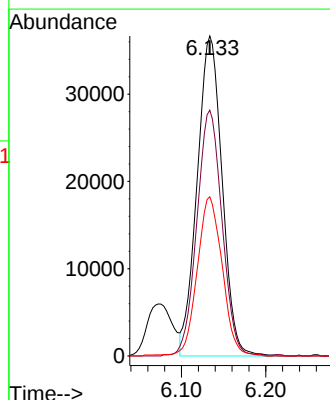
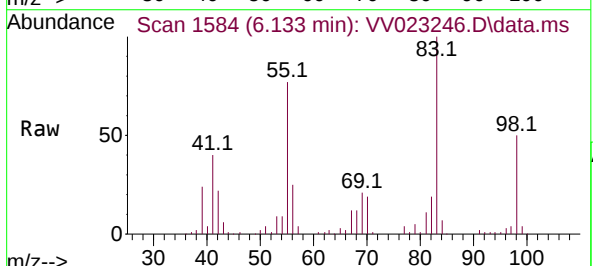
Tgt Ion: 83 Resp: 75680

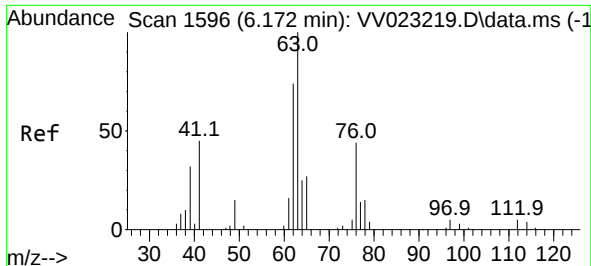
Ion Ratio Lower Upper

83 100

55 77.4 59.6 89.4

98 49.9 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.419 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

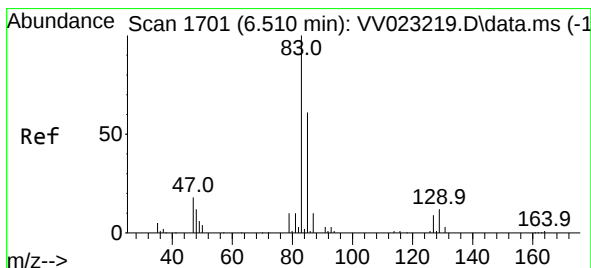
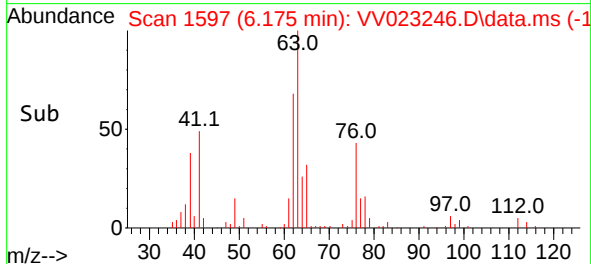
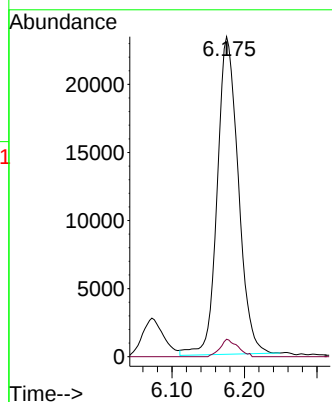
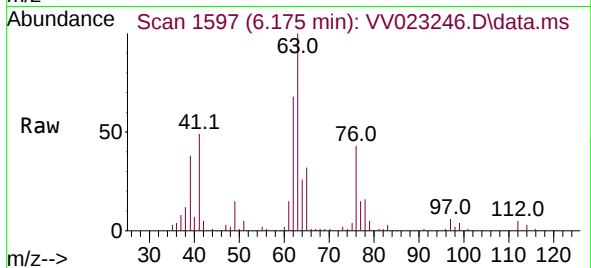
ClientSampleId :

Tgt Ion: 63 Resp: 47099

Ion Ratio Lower Upper

63 100

112 4.6 4.5 6.7



#38

Bromodichloromethane

Concen: 5.181 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

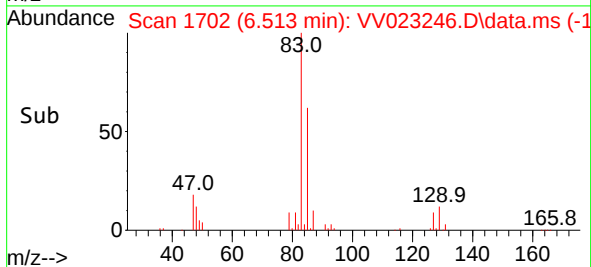
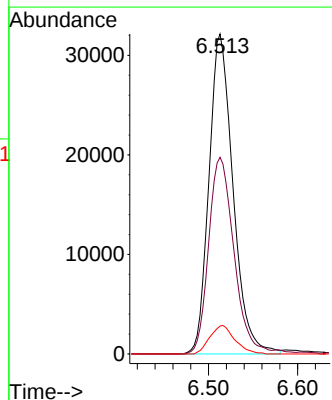
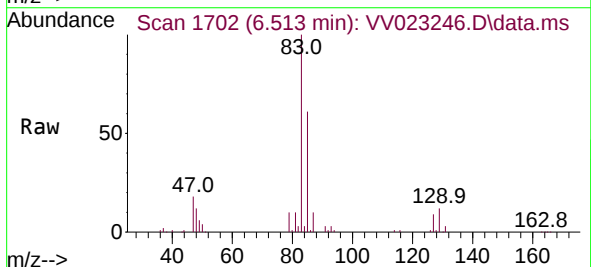
Tgt Ion: 83 Resp: 60353

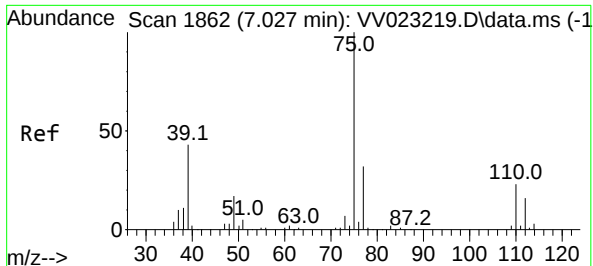
Ion Ratio Lower Upper

83 100

85 61.5 46.1 85.5

127 8.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.691 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

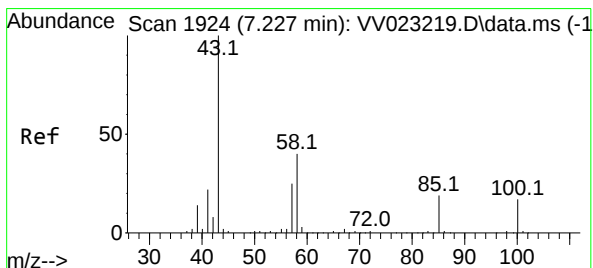
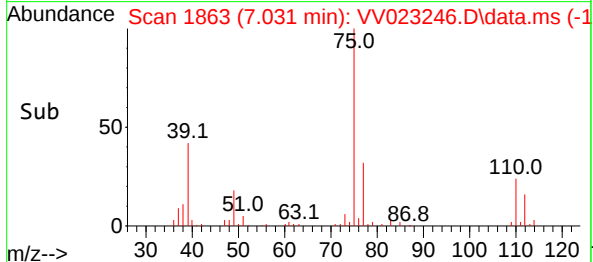
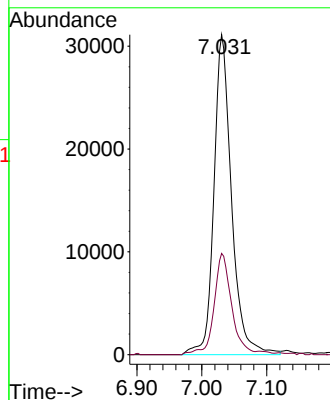
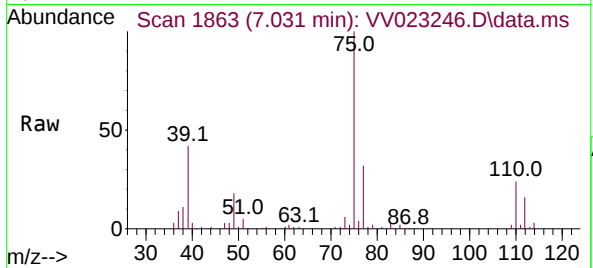
ClientSampleId :

Tgt Ion: 75 Resp: 58645

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.072 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

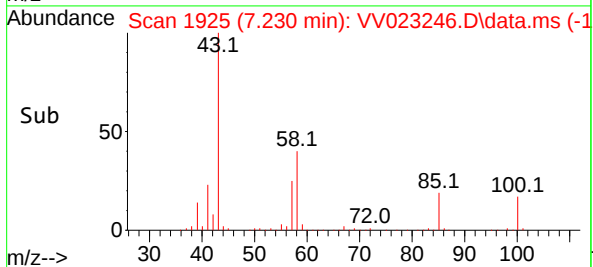
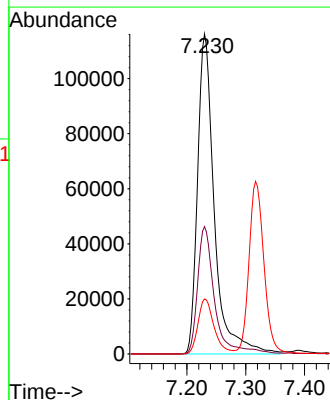
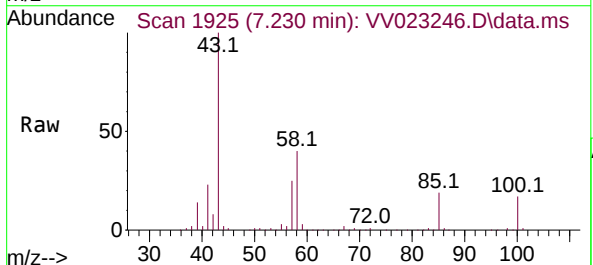
Tgt Ion: 43 Resp: 230076

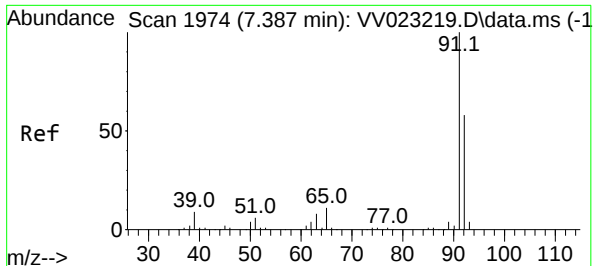
Ion Ratio Lower Upper

43 100

58 40.3 33.3 49.9

100 16.5 13.0 19.6

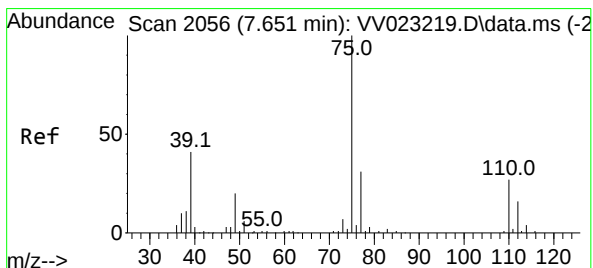
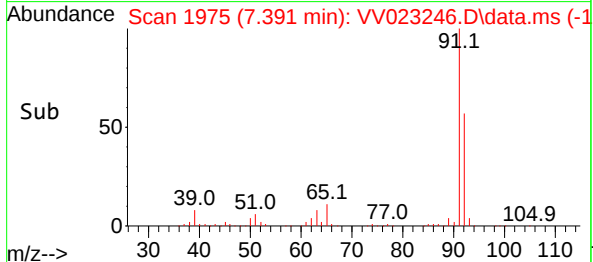
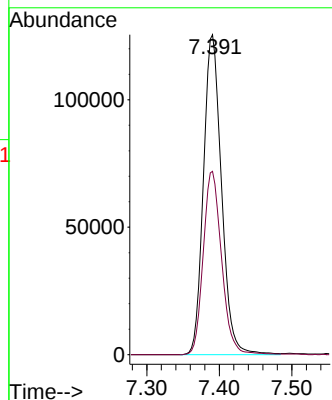
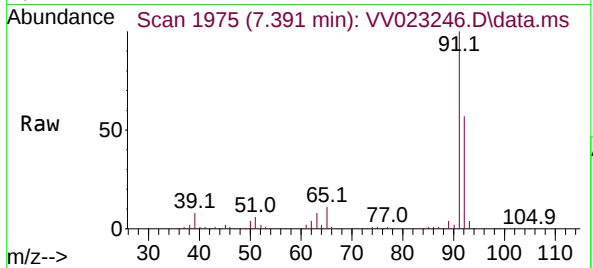




#42
Toluene
Concen: 5.458 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

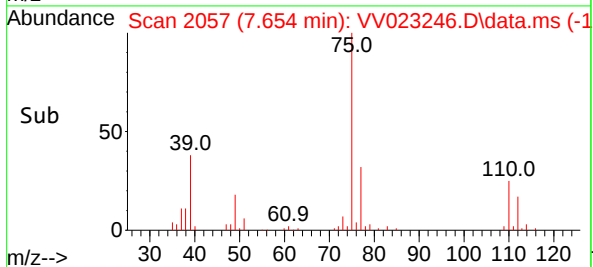
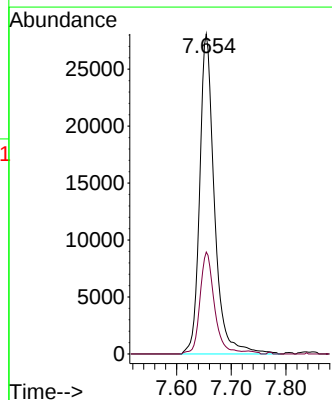
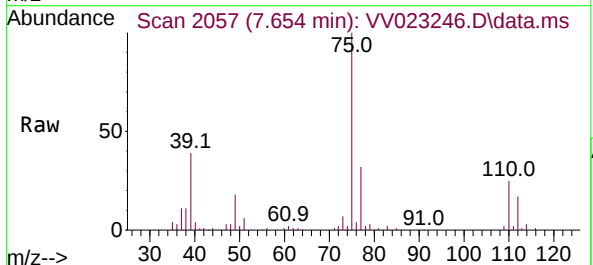
Instrument :
MSVOA_V
ClientSampleId :

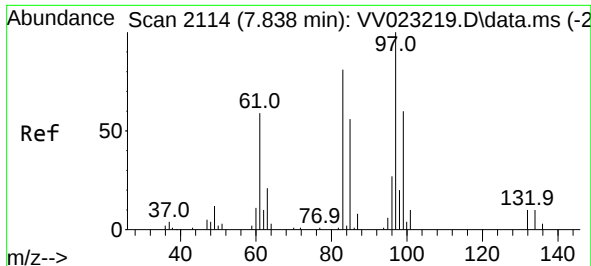
Tgt Ion: 91 Resp: 217341
Ion Ratio Lower Upper
91 100
92 57.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.071 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion: 75 Resp: 52603
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6

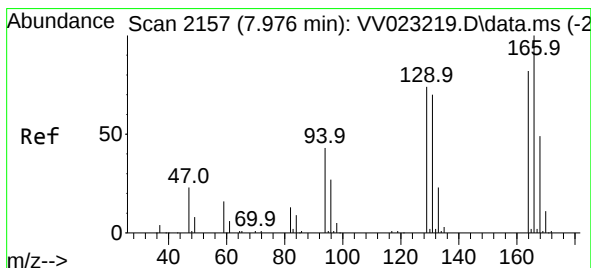
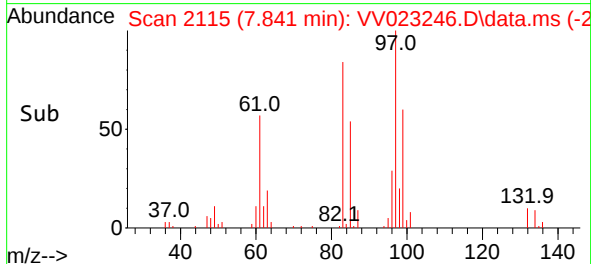
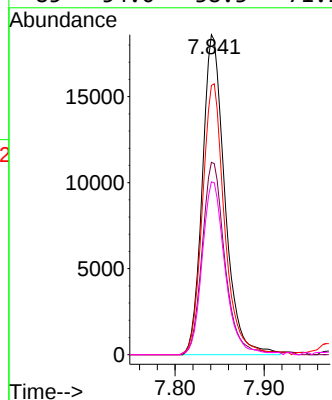
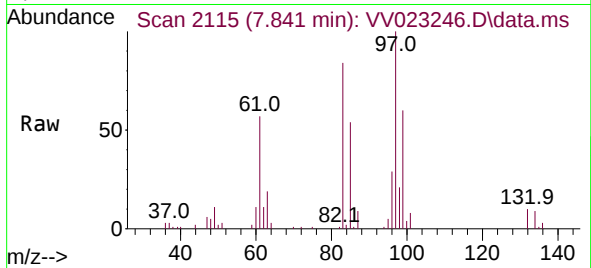




#45
1,1,2-Trichloroethane
Concen: 5.217 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

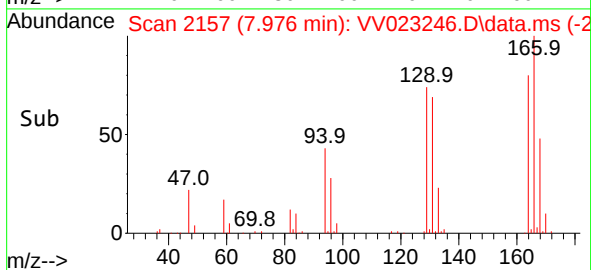
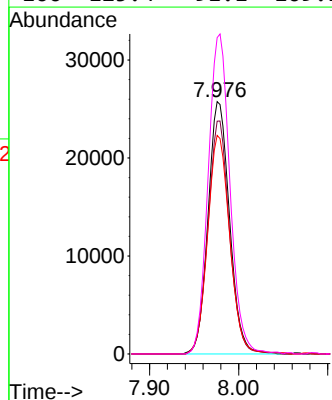
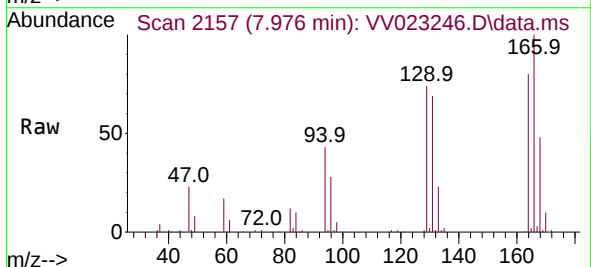
Instrument :
MSVOA_V
ClientSampleId :

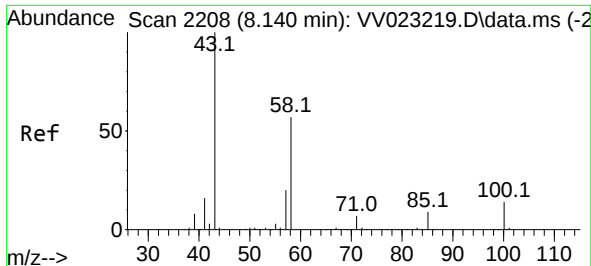
Tgt Ion:	97	Resp:	32584
Ion	Ratio	Lower	Upper
97	100		
99	60.1	47.0	87.4
83	84.2	62.6	116.3
85	54.0	38.3	71.1



#47
Tetrachloroethene
Concen: 5.031 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:	164	Resp:	43173
Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.5	121.7
131	86.6	63.9	118.7
166	125.4	91.1	169.1

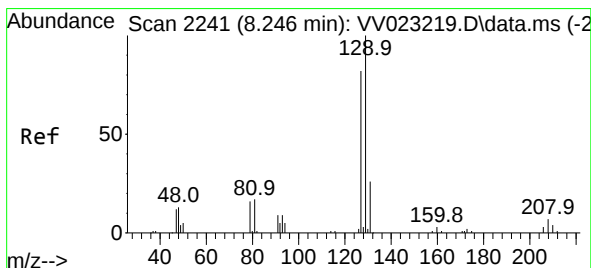
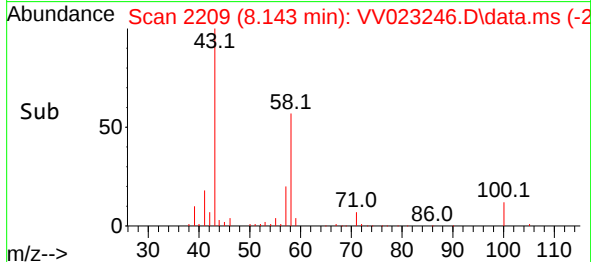
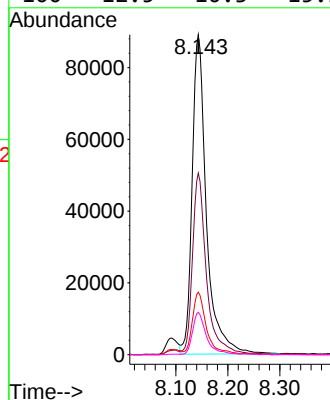
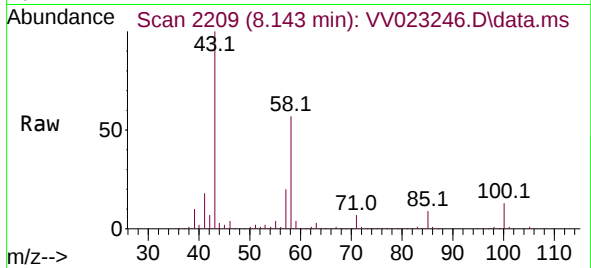




#48
2-Hexanone
Concen: 58.819 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

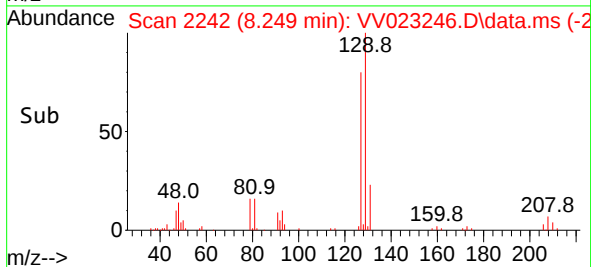
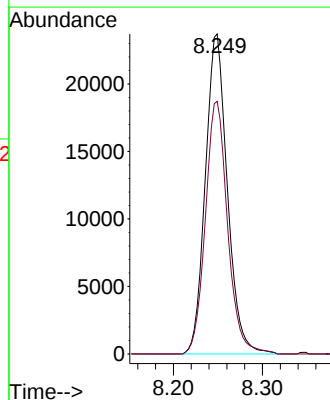
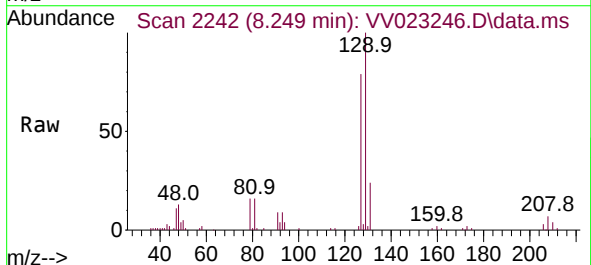
Instrument :
MSVOA_V
ClientSampleId :

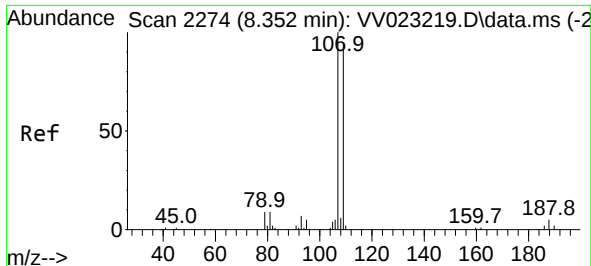
Tgt Ion: 43 Resp: 170067
Ion Ratio Lower Upper
43 100
58 55.5 43.0 64.6
57 18.7 14.9 22.3
100 12.5 10.3 15.5



#49
Dibromochloromethane
Concen: 5.141 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:129 Resp: 40684
Ion Ratio Lower Upper
129 100
127 78.9 54.4 101.0

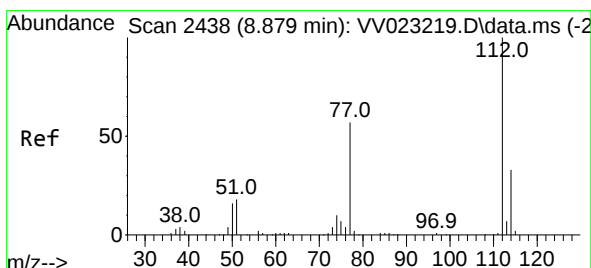
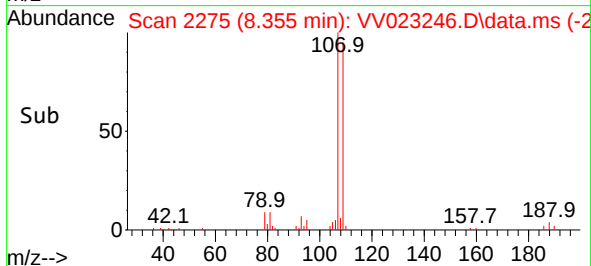
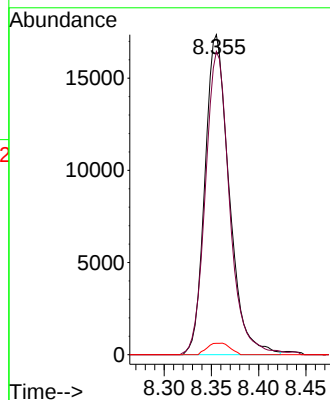
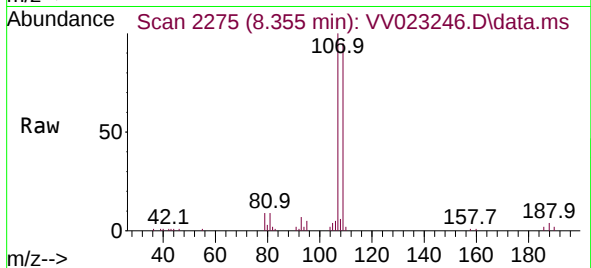




#50
1,2-Dibromoethane
Concen: 5.351 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

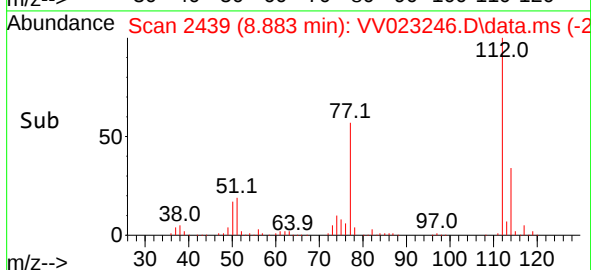
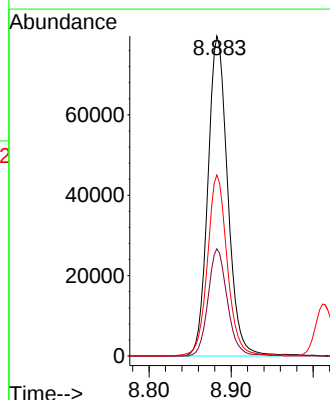
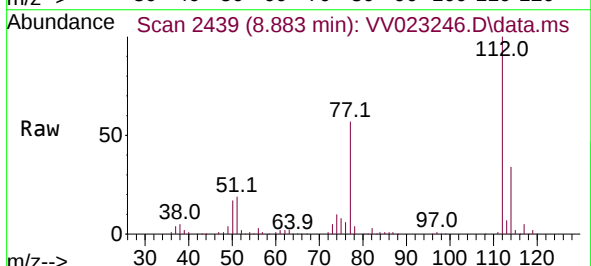
Instrument :
MSVOA_V
ClientSampleId :

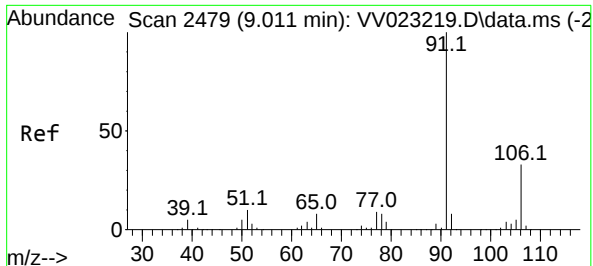
Tgt Ion:	107	Resp:	30973
Ion	Ratio	Lower	Upper
107	100		
109	94.7	67.0	124.4
188	3.6	2.9	4.3



#51
Chlorobenzene
Concen: 5.061 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:	112	Resp:	133952
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.4	41.6
77	56.6	43.8	65.8





#52

Ethylbenzene

Concen: 5.208 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

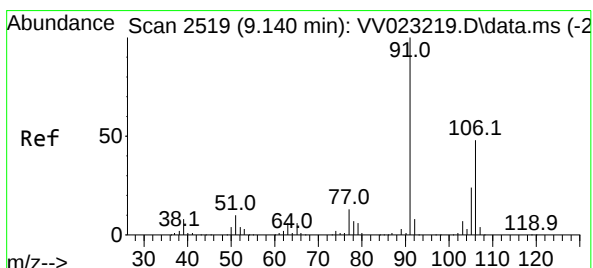
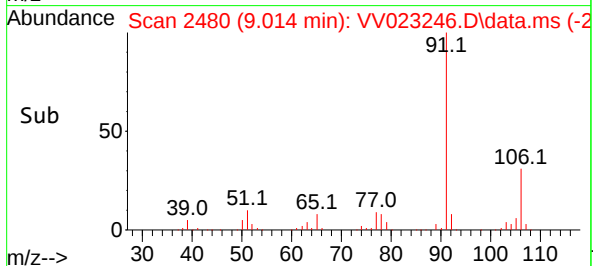
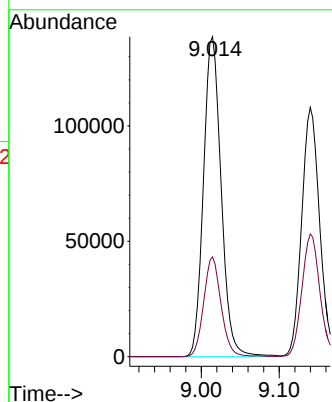
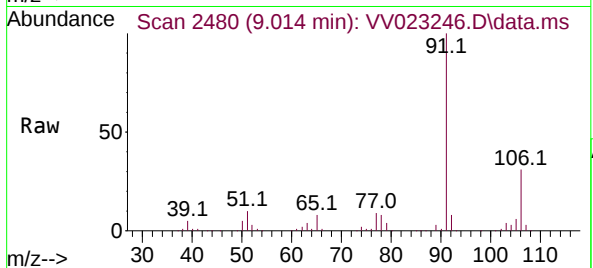
ClientSampleId :

Tgt Ion: 91 Resp: 218760

Ion Ratio Lower Upper

91 100

106 31.2 22.3 41.5



#53

m,p-xylene

Concen: 5.189 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023246.D

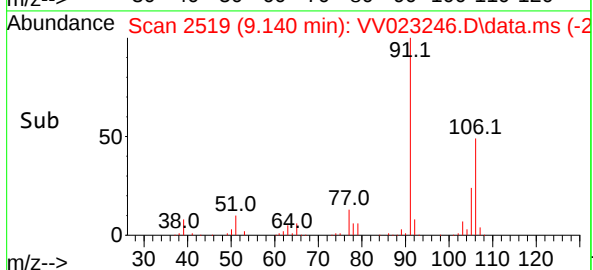
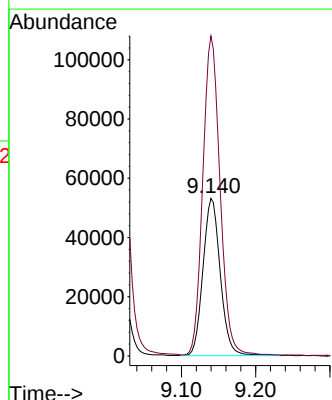
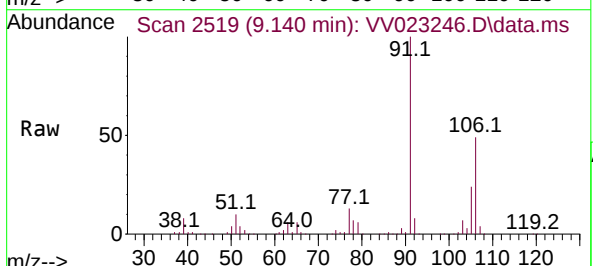
Acq: 05 Nov 2021 20:40

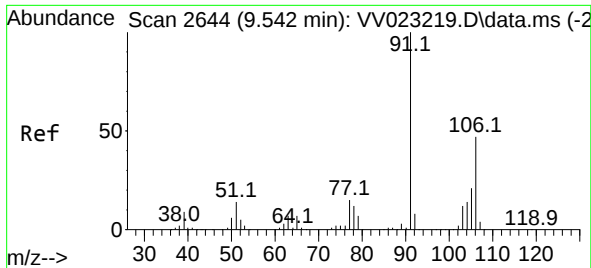
Tgt Ion: 106 Resp: 85537

Ion Ratio Lower Upper

106 100

91 203.0 140.1 260.1

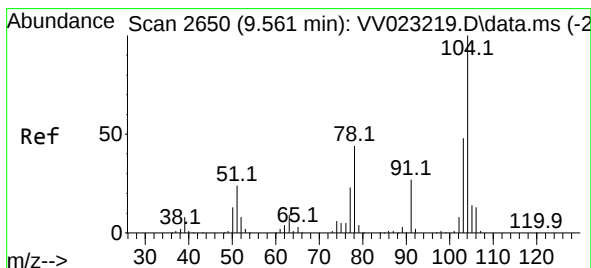
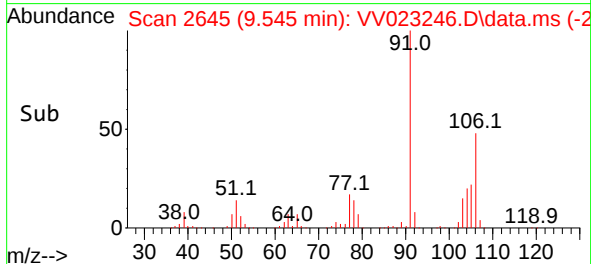
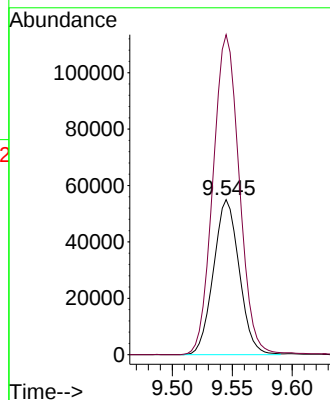
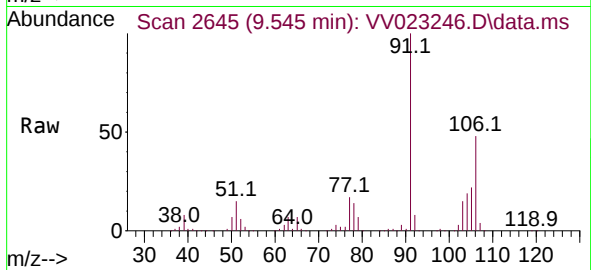




#54
o-xylene
Concen: 5.305 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

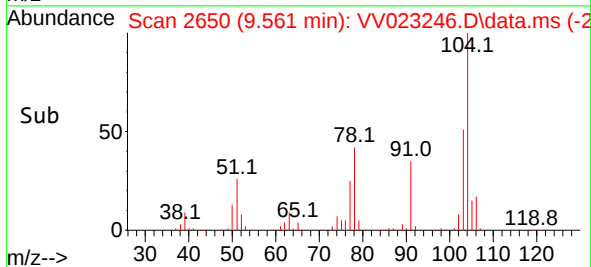
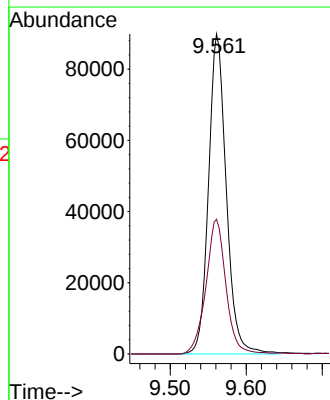
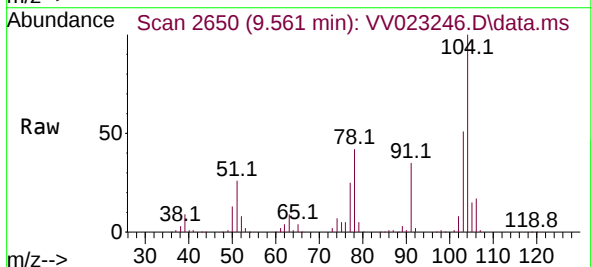
Instrument :
MSVOA_V
ClientSampleId :

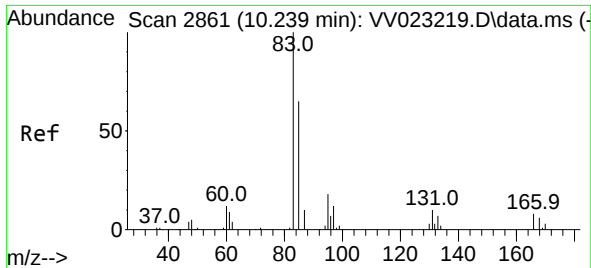
Tgt Ion:106 Resp: 82038
Ion Ratio Lower Upper
106 100
91 206.5 148.1 275.1



#55
Styrene
Concen: 5.502 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:104 Resp: 145755
Ion Ratio Lower Upper
104 100
78 42.1 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.290 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

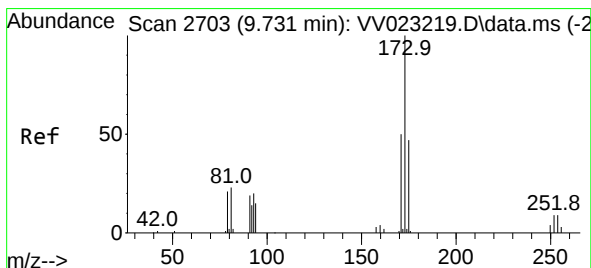
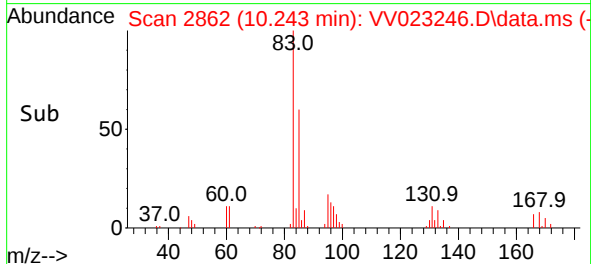
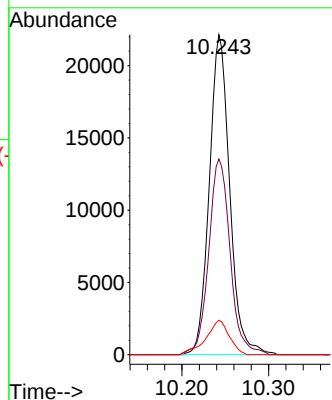
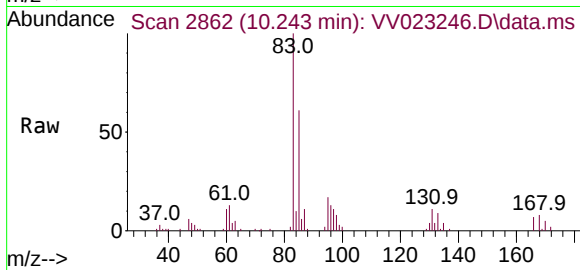
Tgt Ion: 83 Resp: 36198

Ion Ratio Lower Upper

83 100

85 61.2 46.2 85.8

131 10.8 8.7 13.1



#59

Bromoform

Concen: 5.011 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

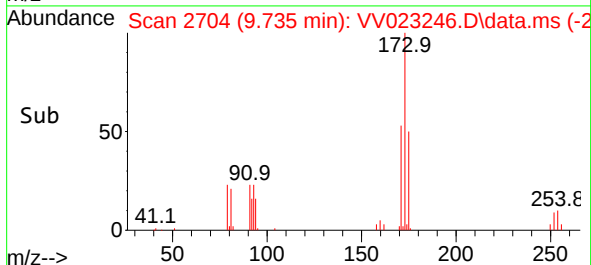
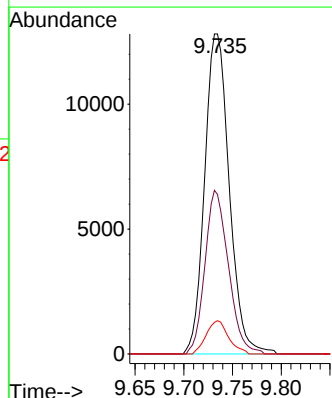
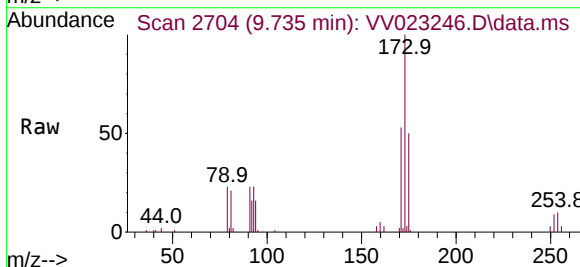
Tgt Ion: 173 Resp: 22507

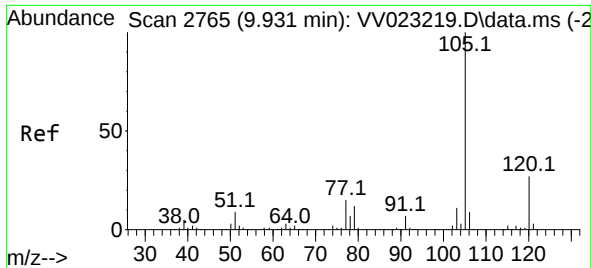
Ion Ratio Lower Upper

173 100

175 48.7 39.7 59.5

254 9.4 6.6 10.0

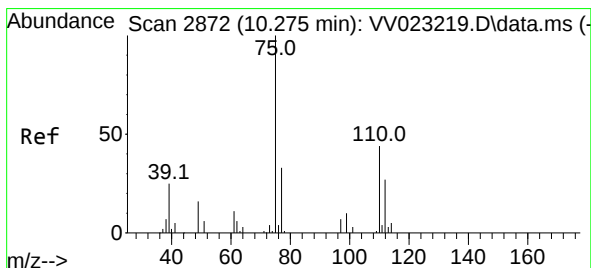
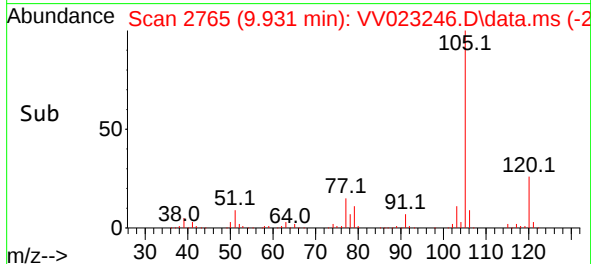
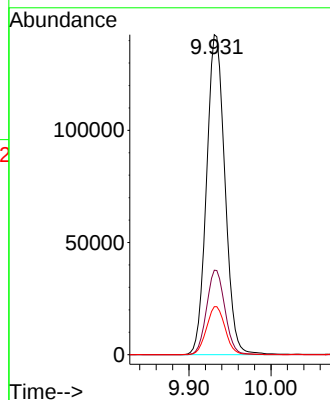
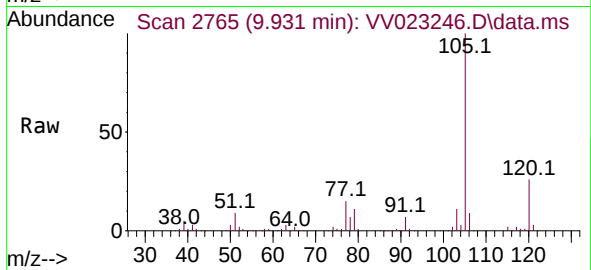




#60
Isopropylbenzene
Concen: 5.146 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

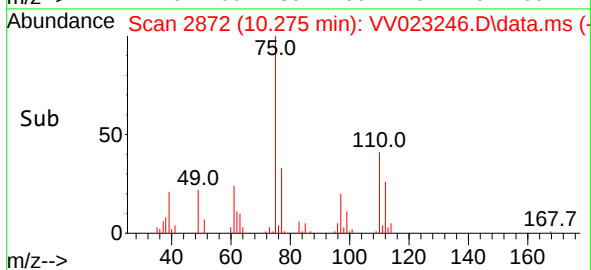
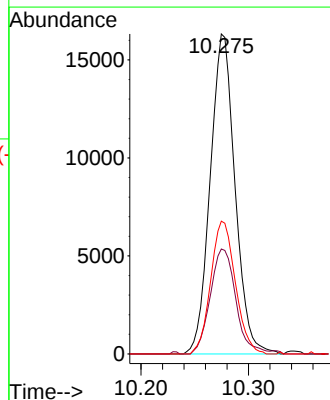
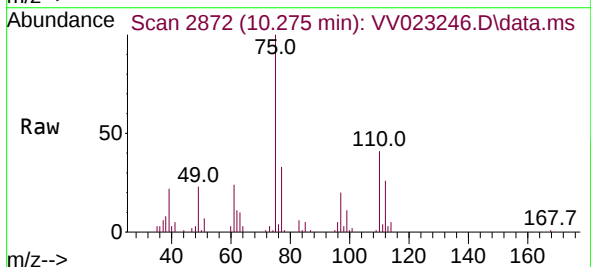
Instrument :
MSVOA_V
ClientSampleId :

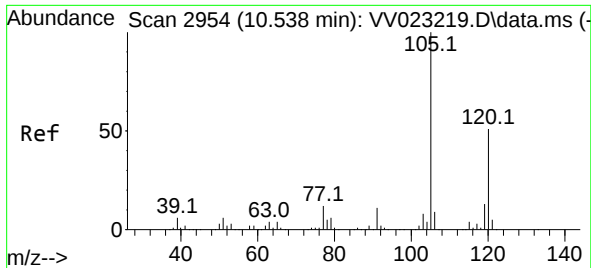
Tgt Ion:105 Resp: 222076
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.244 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion: 75 Resp: 26196
Ion Ratio Lower Upper
75 100
77 33.8 26.6 39.8
110 41.2 33.0 49.4

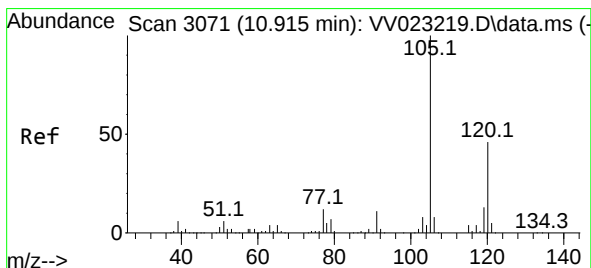
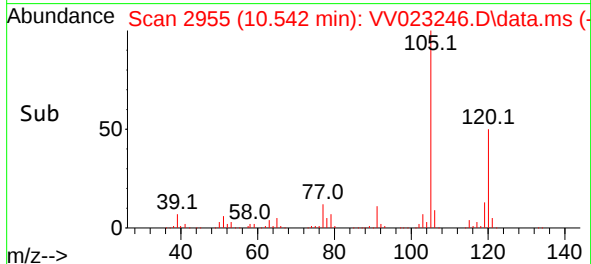
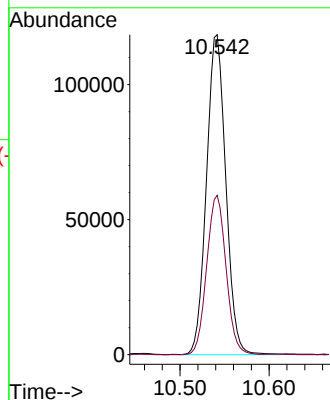
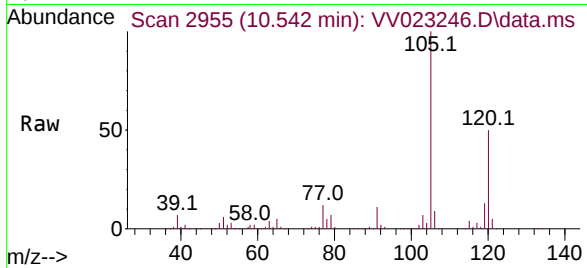




#62
 1,3,5-Trimethylbenzene
 Concen: 4.997 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

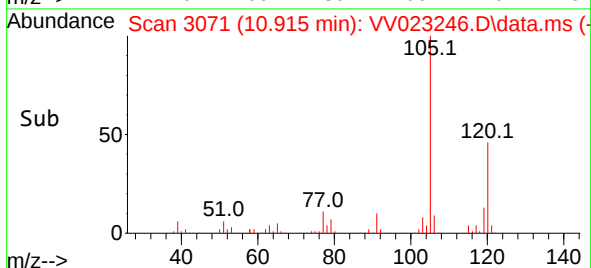
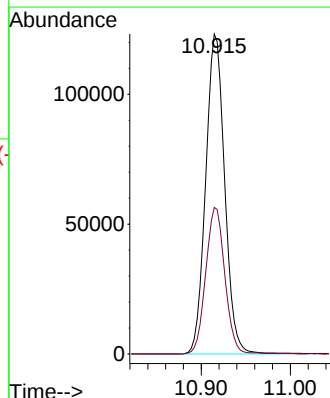
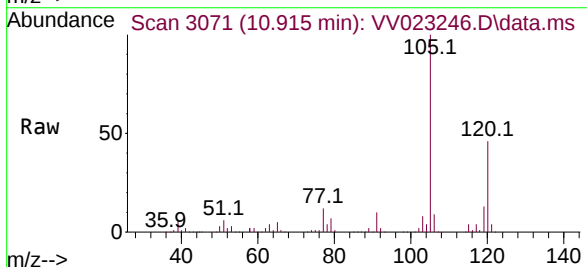
Instrument :
 MSVOA_V
 ClientSampleId :

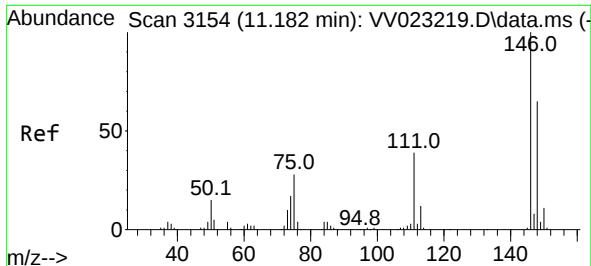
Tgt Ion:105 Resp: 178816
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.115 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023246.D
 Acq: 05 Nov 2021 20:40

Tgt Ion:105 Resp: 182162
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.5 54.7

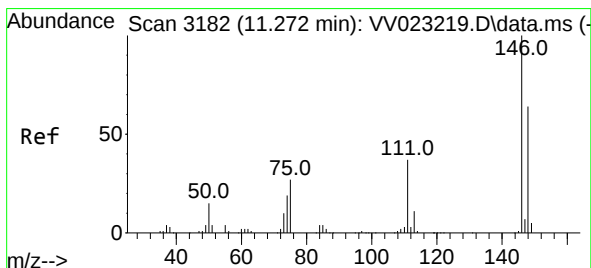
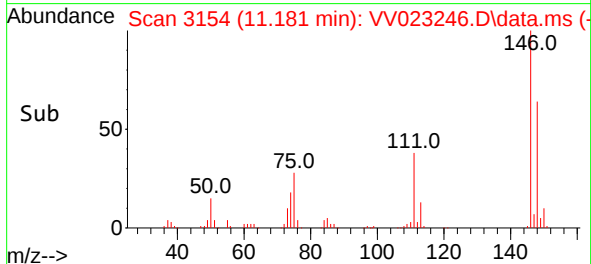
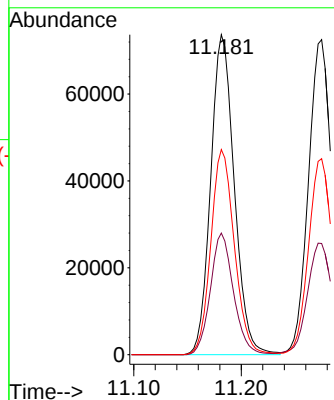
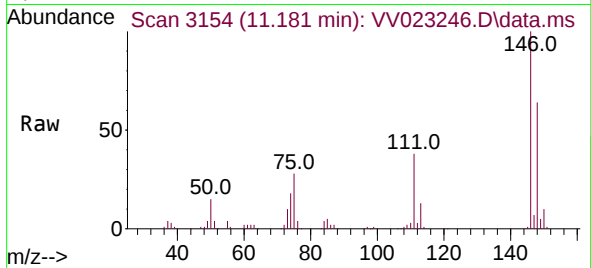




#64
1,3-Dichlorobenzene
Concen: 5.097 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

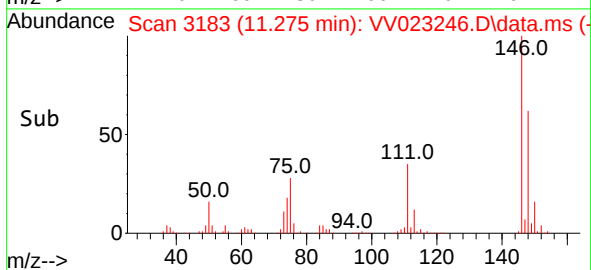
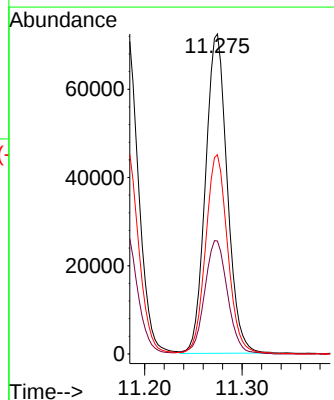
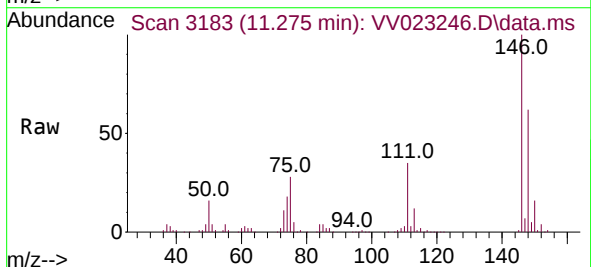
Instrument :
MSVOA_V
ClientSampleId :

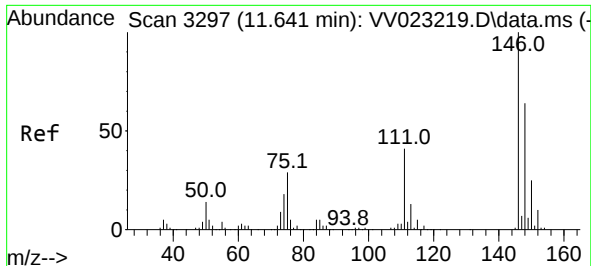
Tgt Ion:146 Resp: 112392
Ion Ratio Lower Upper
146 100
111 38.0 28.1 52.3
148 64.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.995 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023246.D
Acq: 05 Nov 2021 20:40

Tgt Ion:146 Resp: 112485
Ion Ratio Lower Upper
146 100
111 35.3 26.1 48.5
148 62.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.245 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

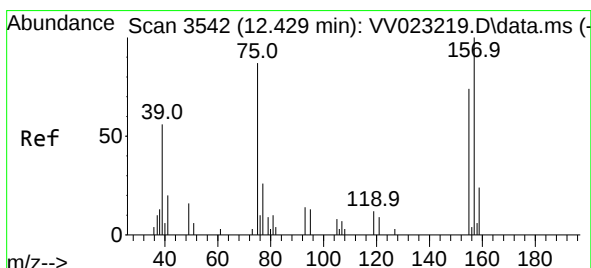
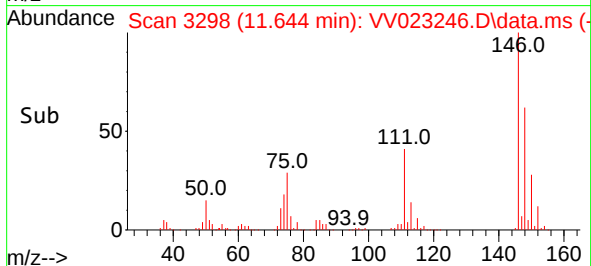
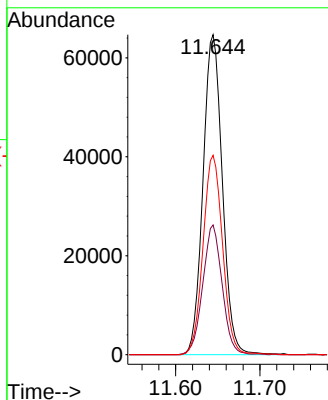
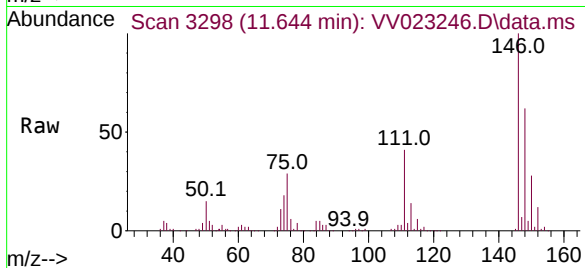
Tgt Ion:146 Resp: 103481

Ion Ratio Lower Upper

146 100

111 40.6 31.3 46.9

148 62.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.931 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

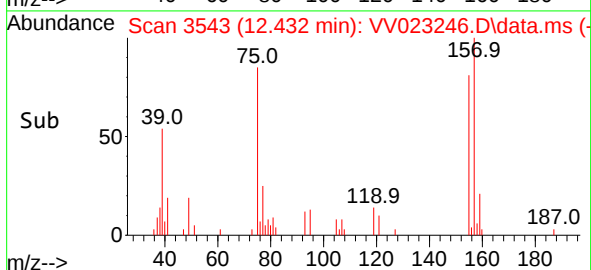
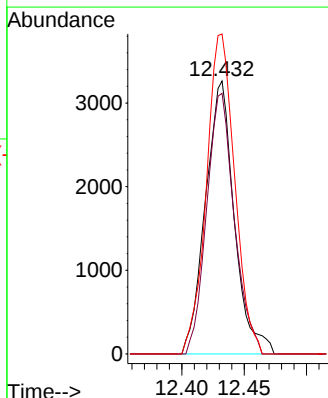
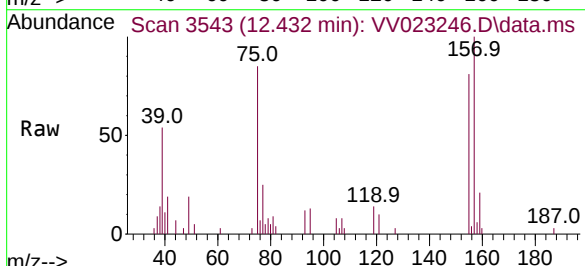
Tgt Ion: 75 Resp: 5248

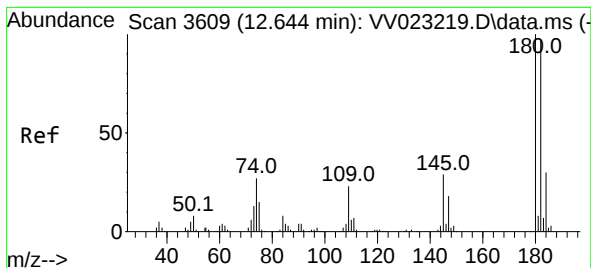
Ion Ratio Lower Upper

75 100

155 95.5 69.4 104.2

157 117.2 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.711 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

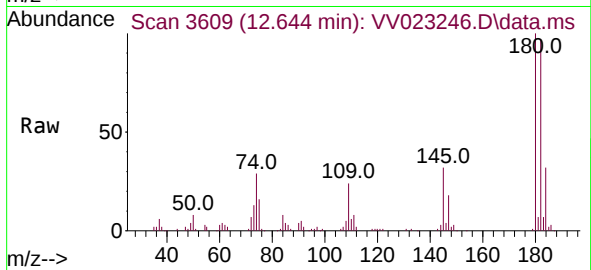
Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 81324

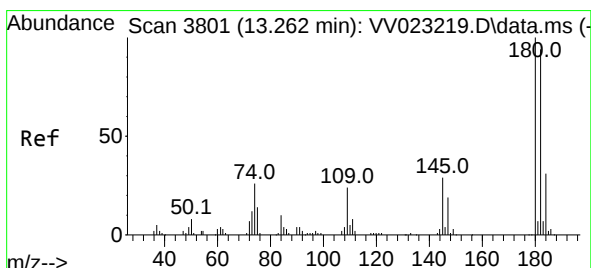
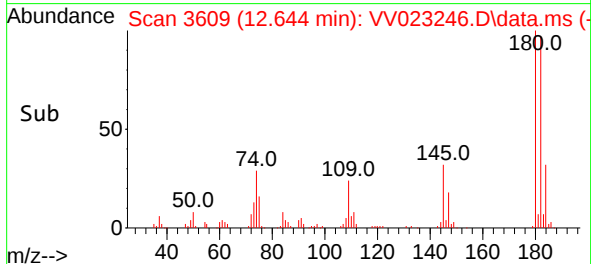
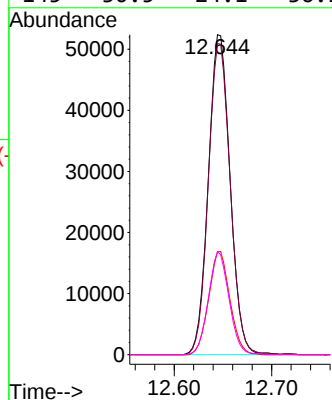
Ion Ratio Lower Upper

180 100

182 97.7 77.1 115.7

184 31.3 24.9 37.3

145 30.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.661 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

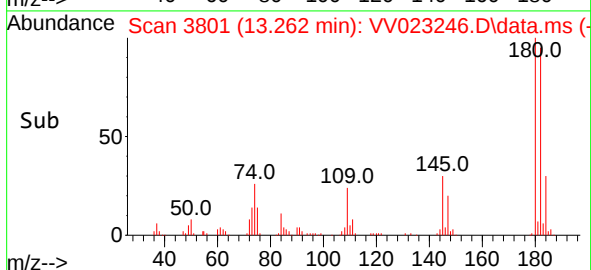
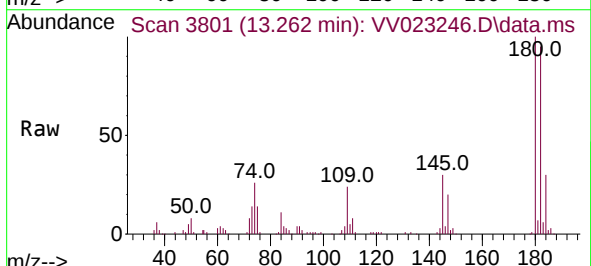
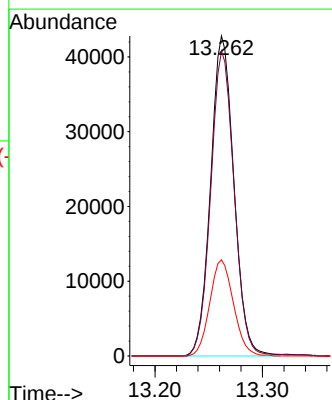
Tgt Ion:180 Resp: 64445

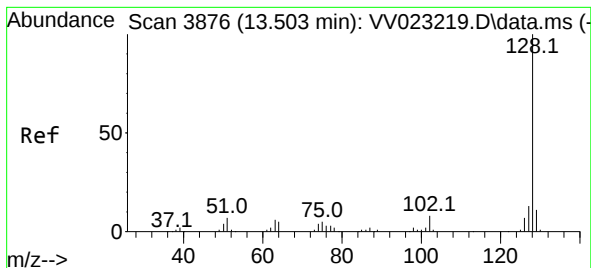
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.2

145 30.5 24.1 36.1





#71

Naphthalene

Concen: 4.564 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

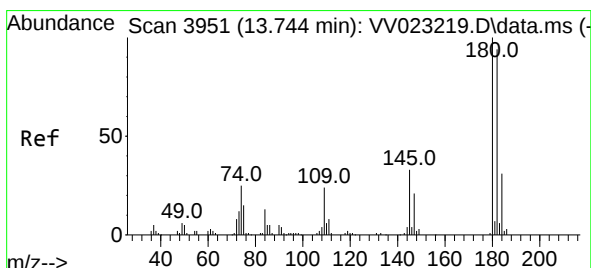
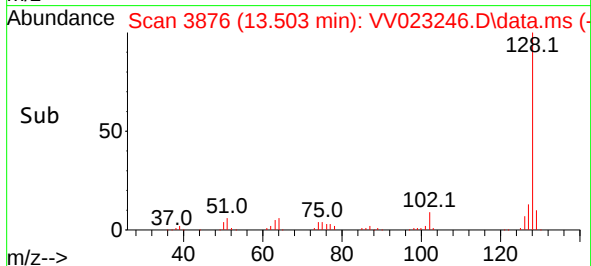
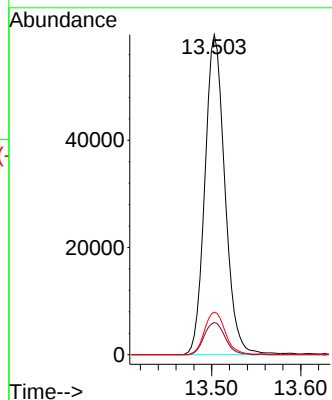
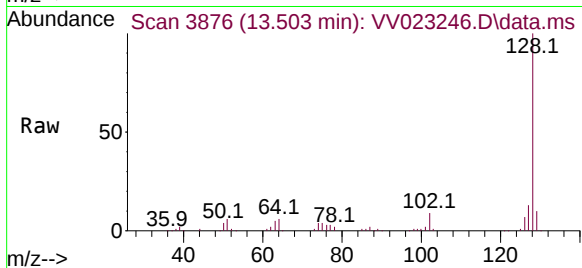
Tgt Ion:128 Resp: 93036

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.959 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023246.D

Acq: 05 Nov 2021 20:40

Tgt Ion:180 Resp: 59981

Ion Ratio Lower Upper

180 100

182 92.9 77.1 115.7

145 30.3 25.4 38.0

