

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024111.D
 Acq On : 20 Dec 2021 00:37
 Operator : SY/MD
 Sample : M5148-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:20:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	95496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18672	3.764	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.568	69	16948	4.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.111	63	46846	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.918	46	10225	10.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	21.100%#
24) Chloroform-d	4.349	84	50362	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.034	65	23948	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.050	84	87867	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	25502	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.316	98	86562	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.625	79	10223	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.091	63	37980	35.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.680%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	19474	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	35268	4.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	38039	4.736	ug/L	99
3) Chloromethane	1.240	50	32551	4.743	ug/L	95
5) Vinyl chloride	1.310	62	38043	5.111	ug/L	99
6) Bromomethane	1.523	94	23869	5.046	ug/L	97
8) Chloroethane	1.584	64	24579	5.074	ug/L	94
9) Trichlorofluoromethane	1.754	101	70614	5.459	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36776	5.398	ug/L	98
12) 1,1-Dichloroethene	2.117	96	32365	5.227	ug/L	93
13) Acetone	2.217	43	28625	36.913	ug/L	84
14) Carbon disulfide	2.294	76	80565	4.486	ug/L	99
15) Methyl Acetate	2.445	43	8120	4.320	ug/L	95
16) Methylene chloride	2.510	84	37505	4.630	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	77960	5.568	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	35560	5.188	ug/L	97
19) 1,1-Dichloroethane	3.191	63	63916	5.196	ug/L	98
21) 2-Butanone	4.005	43	44387	40.061	ug/L	92
22) cis-1,2-Dichloroethene	3.911	96	36802	5.072	ug/L	98
23) Bromochloromethane	4.249	128	17733	5.379	ug/L	88
25) Chloroform	4.374	83	72966	5.336	ug/L	97

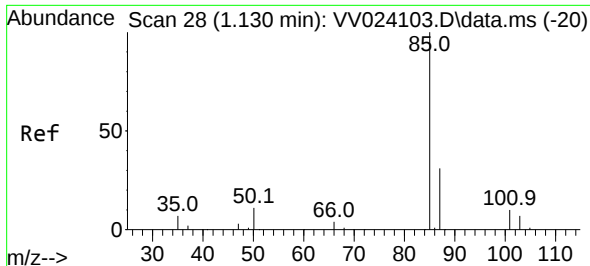
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

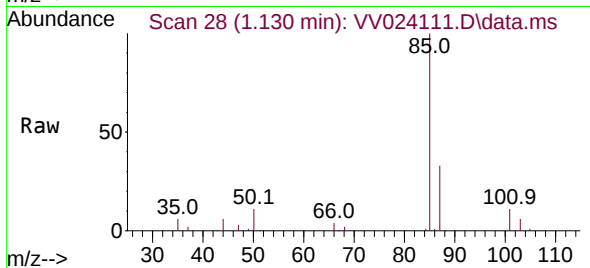
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40656	5.487	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	68860	5.512	ug/L	99
30) Cyclohexane	4.677	56	47219	4.765	ug/L	97
31) Carbon tetrachloride	4.828	117	62117	5.289	ug/L	98
33) Benzene	5.098	78	143982	5.330	ug/L	100
34) Trichloroethene	5.915	95	38977	5.115	ug/L	95
35) Methylcyclohexane	6.130	83	53092	4.734	ug/L	99
37) 1,2-Dichloropropane	6.172	63	34898	5.435	ug/L	99
38) Bromodichloromethane	6.509	83	48415	5.323	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	46752	4.905	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	161932	52.500	ug/L	99
42) Toluene	7.387	91	163784	5.387	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42024	5.100	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	25451	5.358	ug/L	97
47) Tetrachloroethene	7.976	164	34778	5.184	ug/L	96
48) 2-Hexanone	8.143	43	124024	55.454	ug/L	95
49) Dibromochloromethane	8.246	129	33323	5.156	ug/L	99
50) 1,2-Dibromoethane	8.352	107	23437	5.314	ug/L	94
51) Chlorobenzene	8.879	112	105693	5.201	ug/L	98
52) Ethylbenzene	9.011	91	168904	5.265	ug/L	100
53) m,p-xylene	9.140	106	67671	5.334	ug/L	99
54) o-xylene	9.541	106	67124	5.471	ug/L	95
55) Styrene	9.561	104	112114	5.489	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	27554	5.297	ug/L	100
59) Bromoform	9.731	173	17517	4.701	ug/L	99
60) Isopropylbenzene	9.931	105	176988	5.192	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	20145	5.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145335	5.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	148531	5.273	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	91476	5.247	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	92012	5.255	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	84091	5.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4285	4.961	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	70747	4.934	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	53735	4.772	ug/L	97
71) Naphthalene	13.500	128	78202	4.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50043	5.034	ug/L	99

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

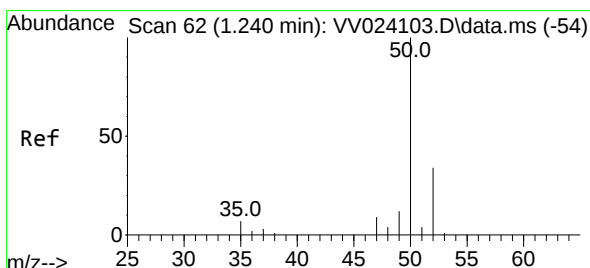
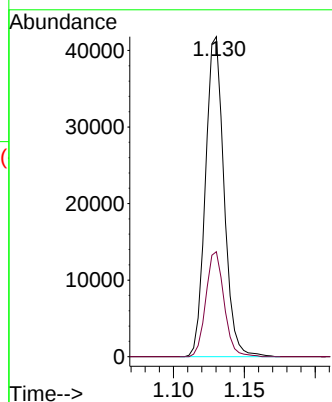
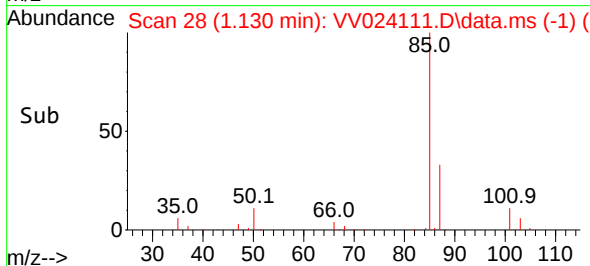


#2
 Dichlorodifluoromethane
 Concen: 4.736 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

Instrument :
 MSVOA_V
 ClientSampleId :

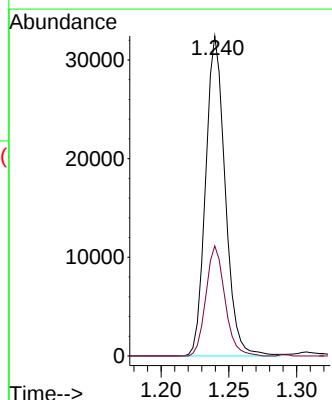
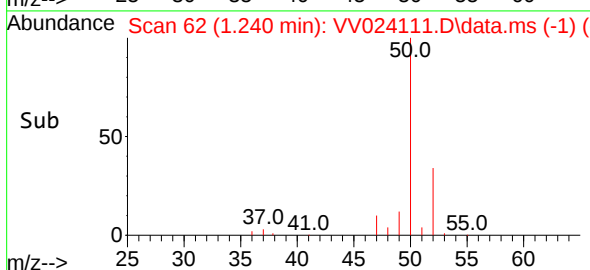
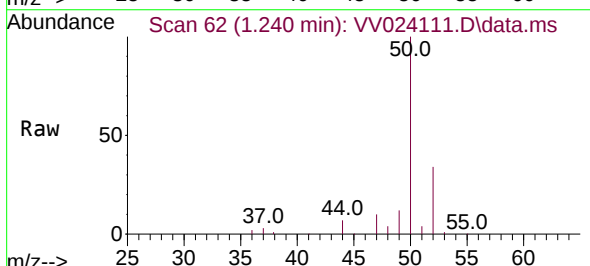


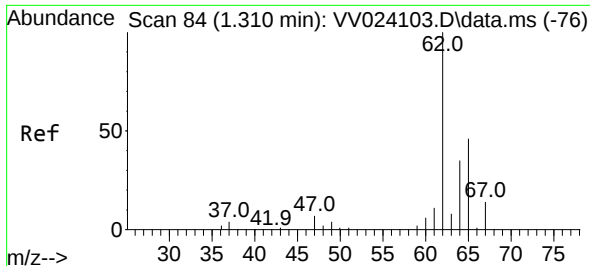
Tgt Ion: 85 Resp: 38039
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.743 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

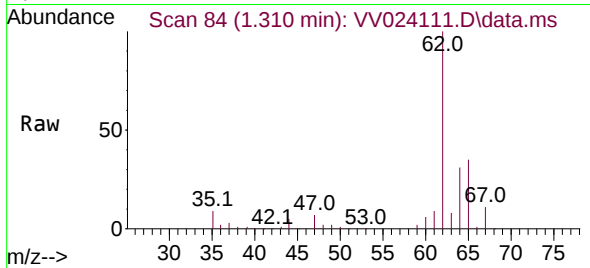
Tgt Ion: 50 Resp: 32551
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.0 41.0



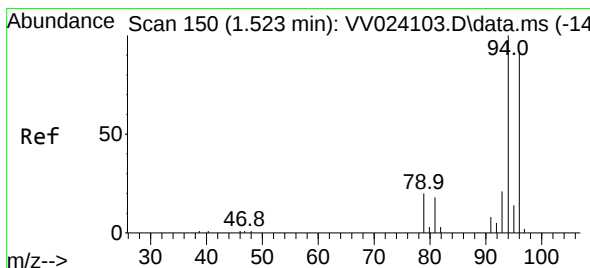
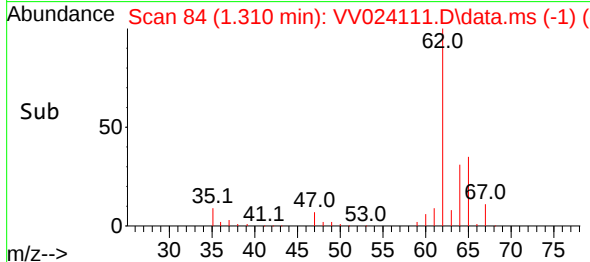
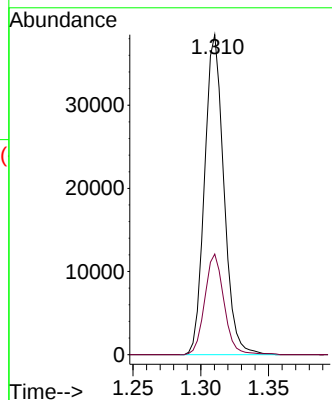


#5
 Vinyl chloride
 Concen: 5.111 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

Instrument :
 MSVOA_V
 ClientSampleId :

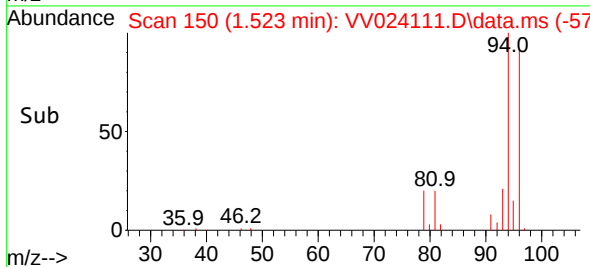
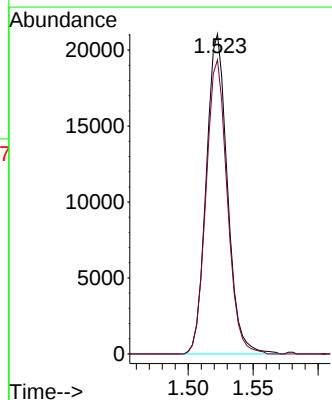
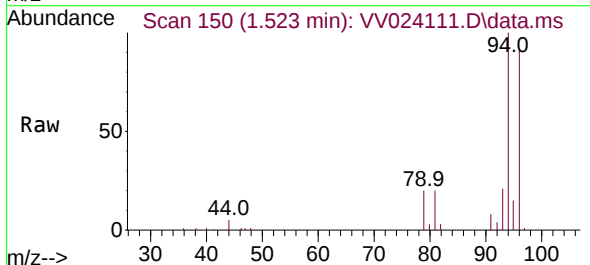


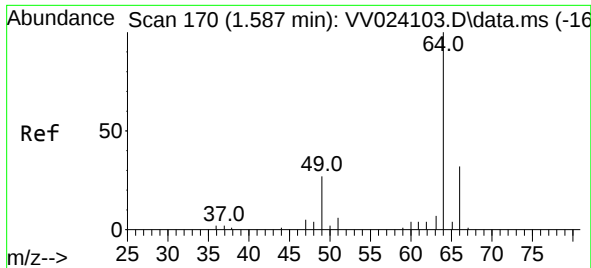
Tgt Ion: 62 Resp: 38043
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.4 41.6



#6
 Bromomethane
 Concen: 5.046 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

Tgt Ion: 94 Resp: 23869
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.2 123.0





#8

Chloroethane

Concen: 5.074 ug/L

RT: 1.584 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

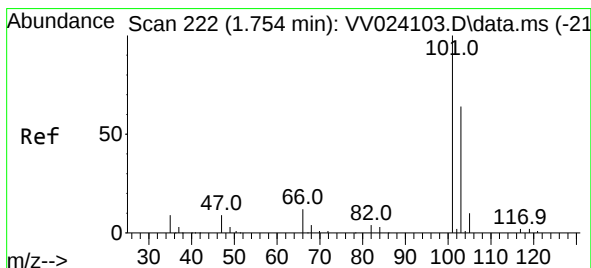
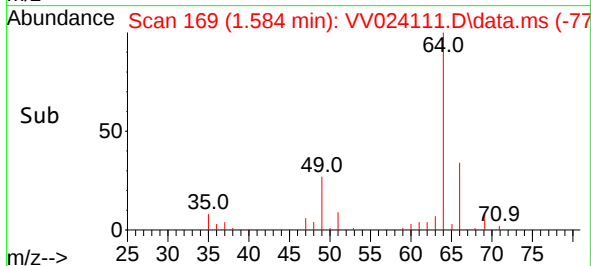
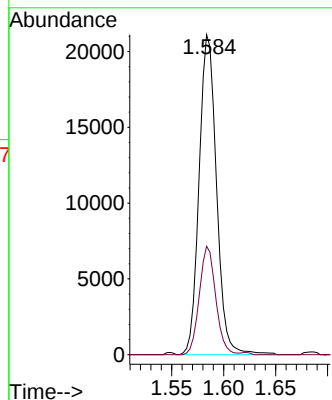
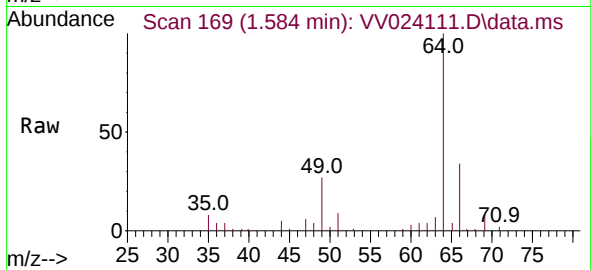
ClientSampleId :

Tgt Ion: 64 Resp: 24579

Ion Ratio Lower Upper

64 100

66 33.9 21.4 39.8



#9

Trichlorofluoromethane

Concen: 5.459 ug/L

RT: 1.754 min Scan# 222

Delta R.T. -0.000 min

Lab File: VV024111.D

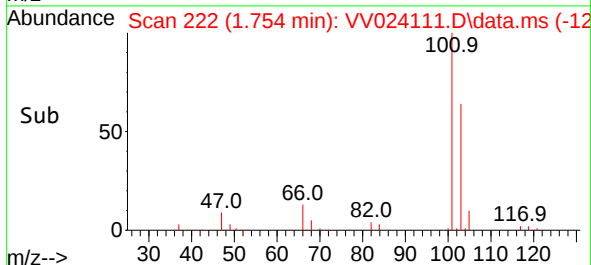
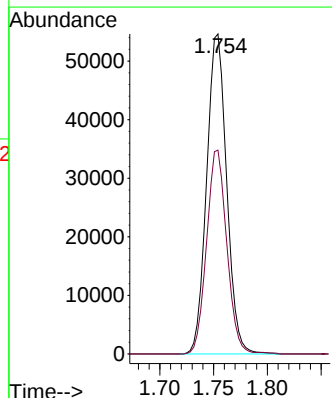
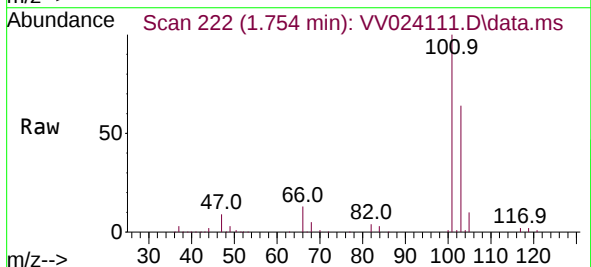
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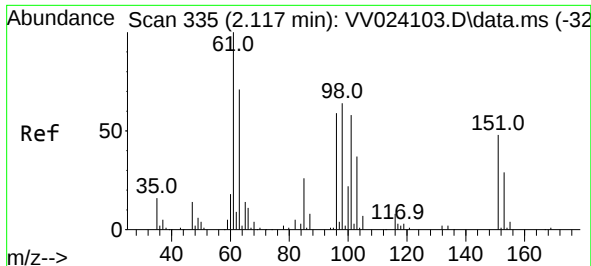
Tgt Ion:101 Resp: 70614

Ion Ratio Lower Upper

101 100

103 64.2 51.6 77.4

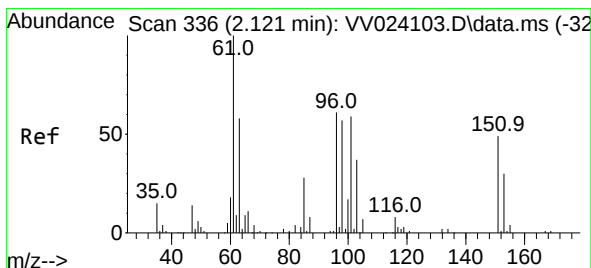
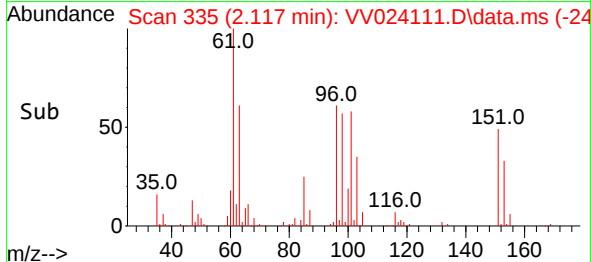
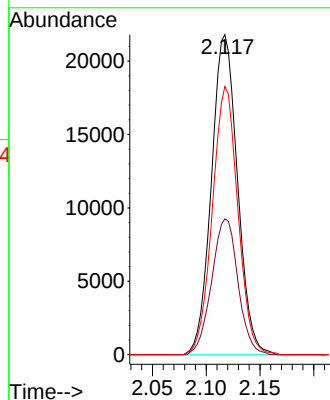
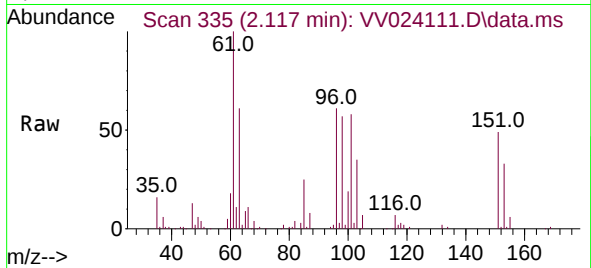




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.398 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

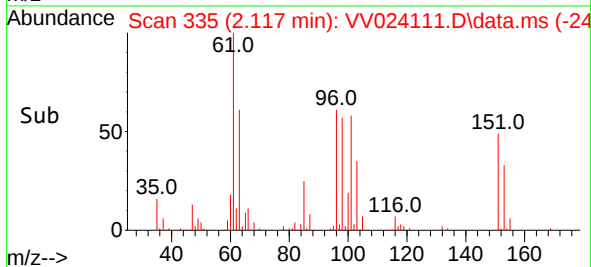
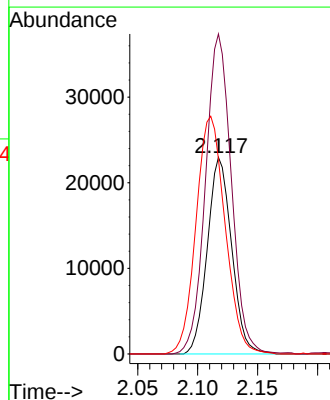
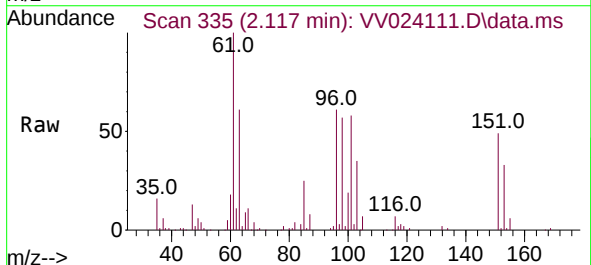
Instrument :
 MSVOA_V
 ClientSampleId :

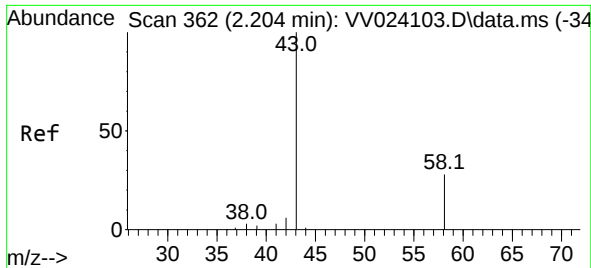
Tgt Ion:101 Resp: 36776
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.0 54.0
 151 81.9 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.227 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

Tgt Ion: 96 Resp: 32365
 Ion Ratio Lower Upper
 96 100
 61 162.8 116.1 215.5
 63 99.2 79.4 147.4





#13

Acetone

Concen: 36.913 ug/L

RT: 2.217 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

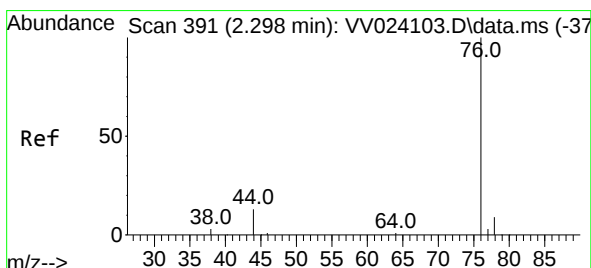
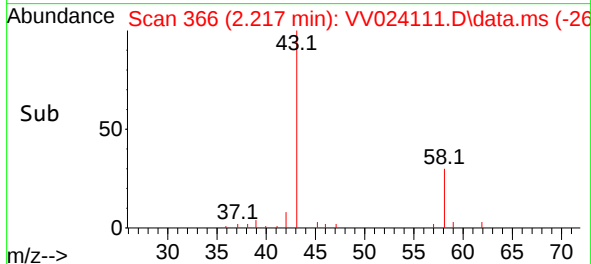
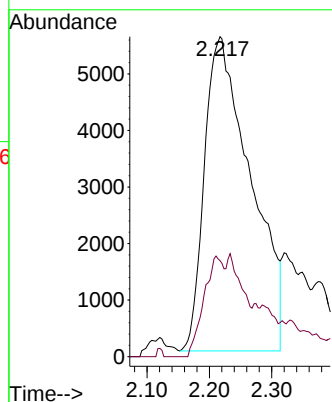
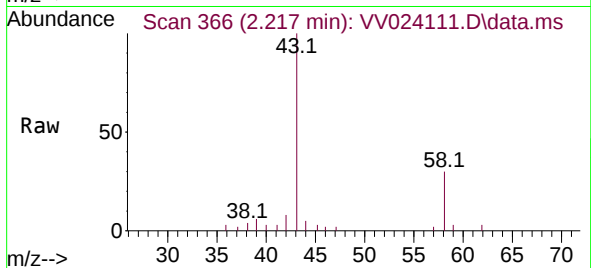
ClientSampleId :

Tgt Ion: 43 Resp: 28625

Ion Ratio Lower Upper

43 100

58 13.4 0.0 41.4



#14

Carbon disulfide

Concen: 4.486 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024111.D

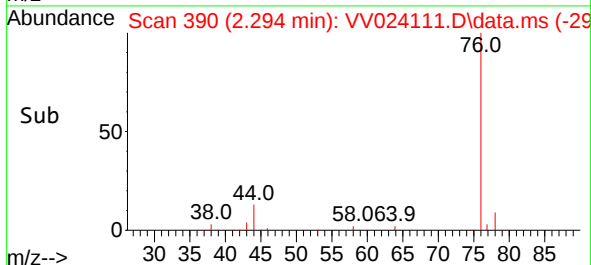
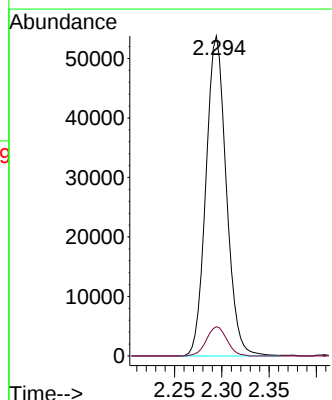
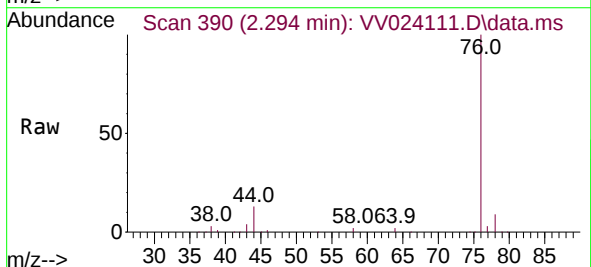
Acq: 20 Dec 2021 00:37

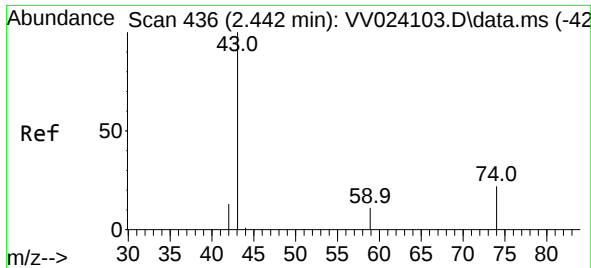
Tgt Ion: 76 Resp: 80565

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 4.320 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

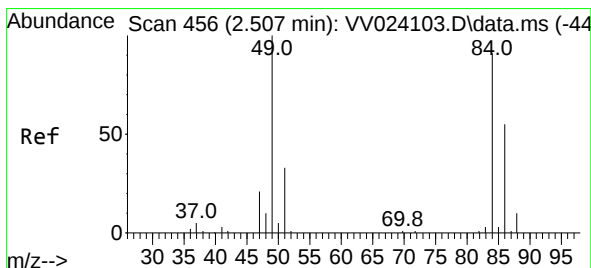
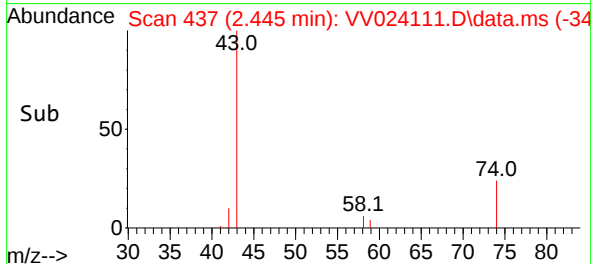
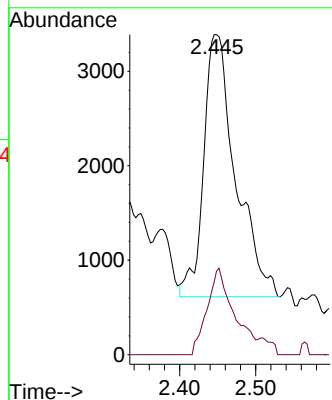
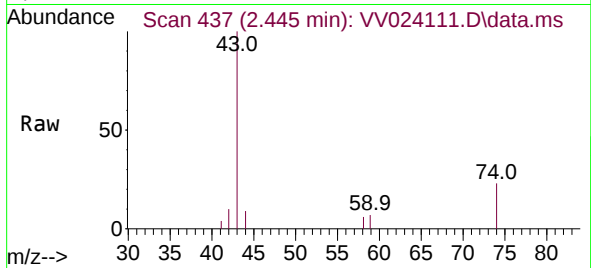
ClientSampleId :

Tgt Ion: 43 Resp: 8120

Ion Ratio Lower Upper

43 100

74 27.5 20.2 30.2



#16

Methylene chloride

Concen: 4.630 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

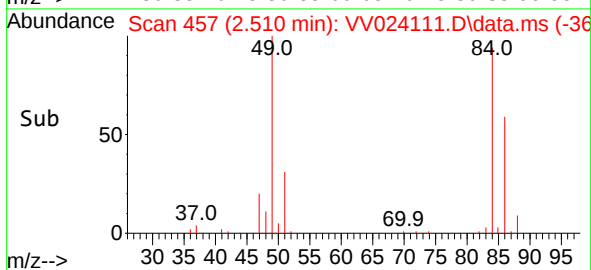
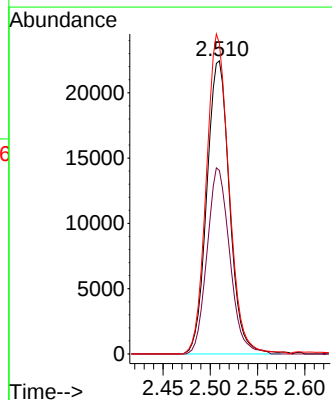
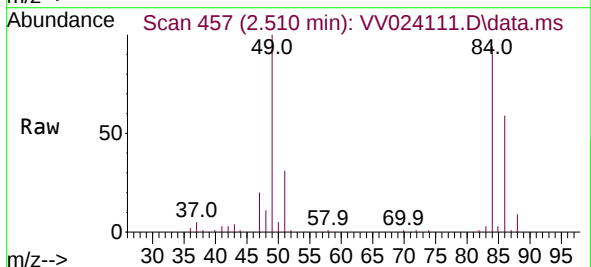
Tgt Ion: 84 Resp: 37505

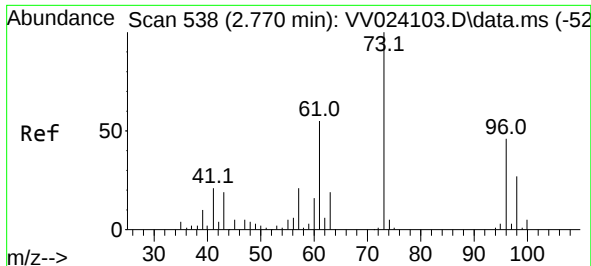
Ion Ratio Lower Upper

84 100

86 62.6 42.6 79.0

49 106.0 79.7 147.9

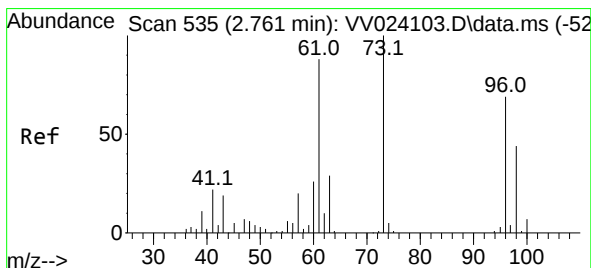
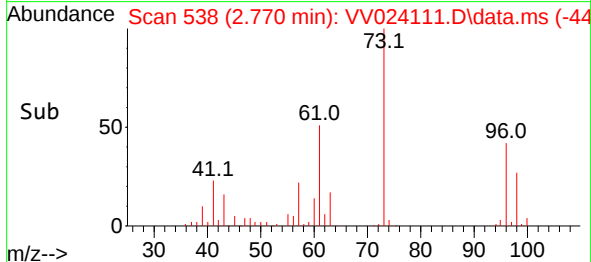
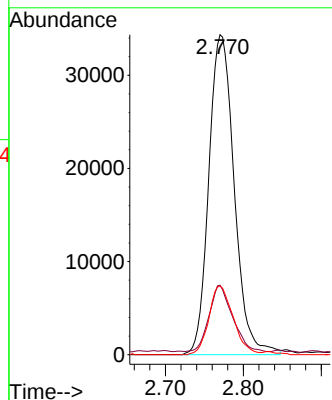
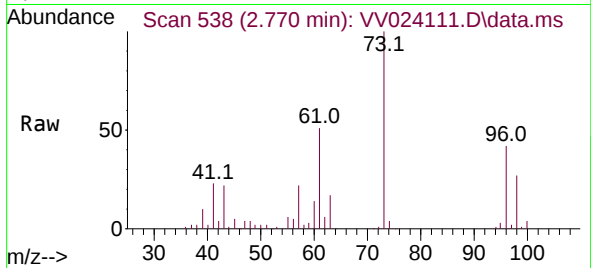




#17
Methyl tert-butyl Ether
Concen: 5.568 ug/L
RT: 2.770 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

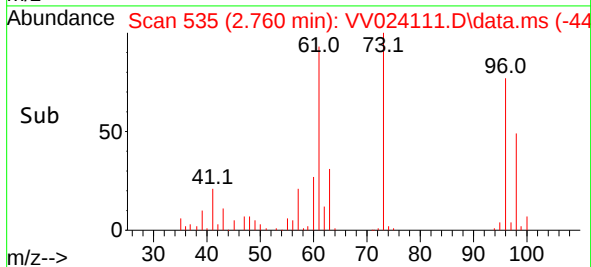
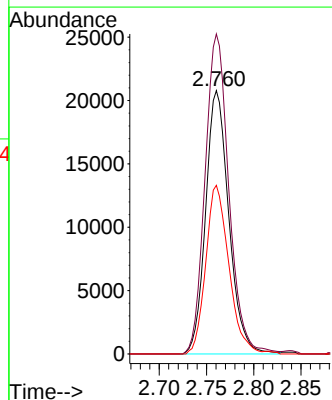
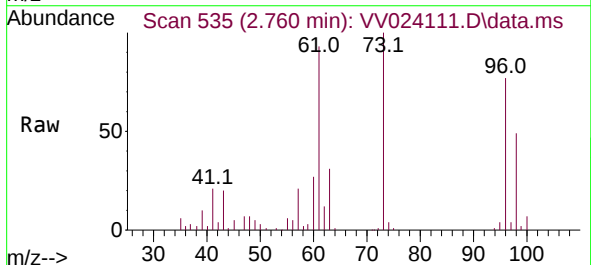
Instrument :
MSVOA_V
ClientSampleId :

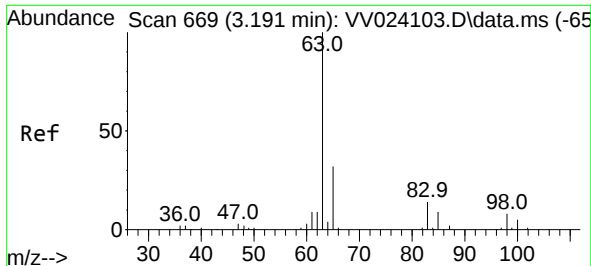
Tgt Ion: 73 Resp: 77960
Ion Ratio Lower Upper
73 100
43 19.0 15.5 23.3
57 20.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion: 96 Resp: 35560
Ion Ratio Lower Upper
96 100
61 121.5 88.2 163.8
98 64.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.196 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

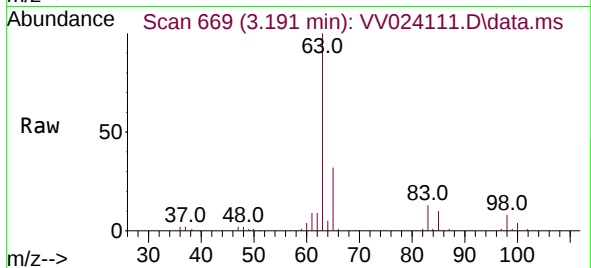
Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

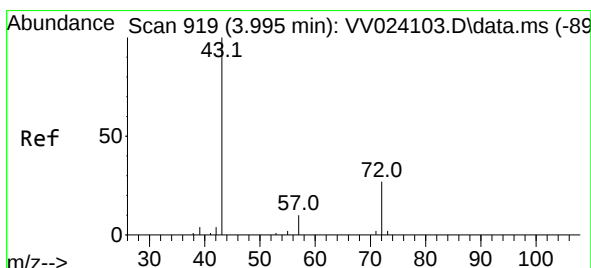
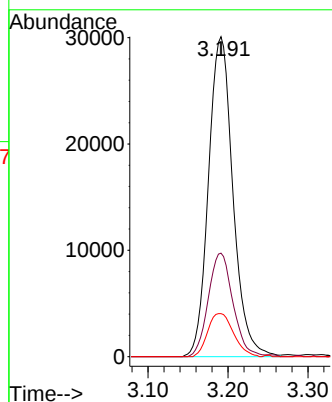
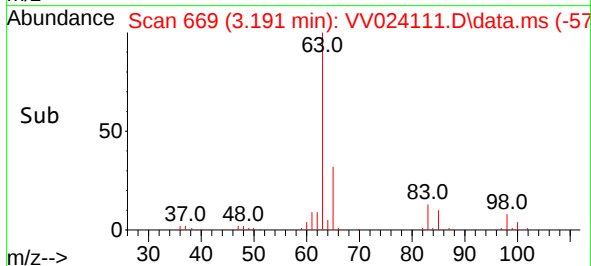
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	63916
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.3	41.3
83	13.4	10.7	19.9



#21

2-Butanone

Concen: 40.061 ug/L

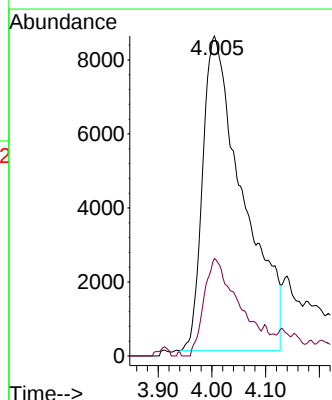
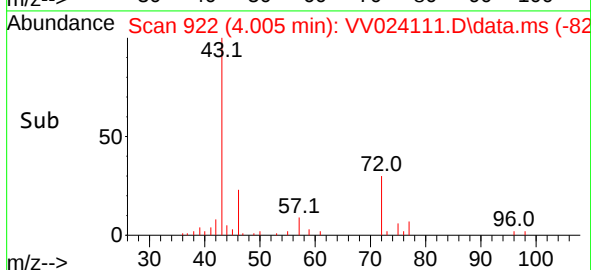
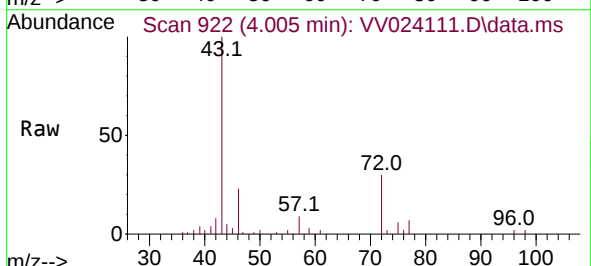
RT: 4.005 min Scan# 922

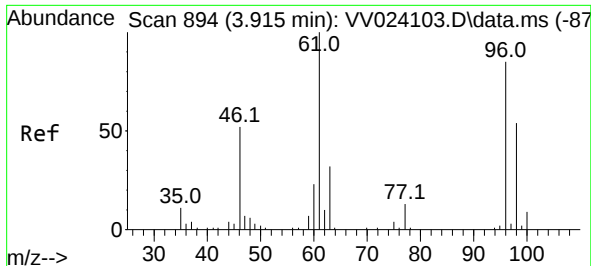
Delta R.T. 0.010 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Tgt Ion:	43	Resp:	44387
Ion	Ratio	Lower	Upper
43	100		
72	26.1	11.1	33.1





#22

cis-1,2-Dichloroethene

Concen: 5.072 ug/L

RT: 3.911 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :

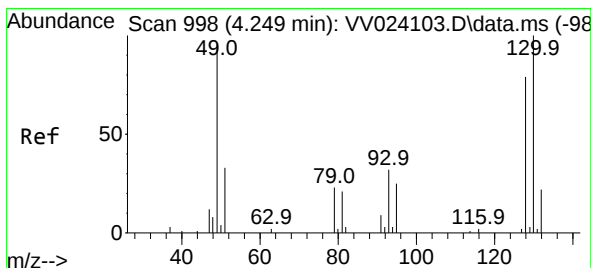
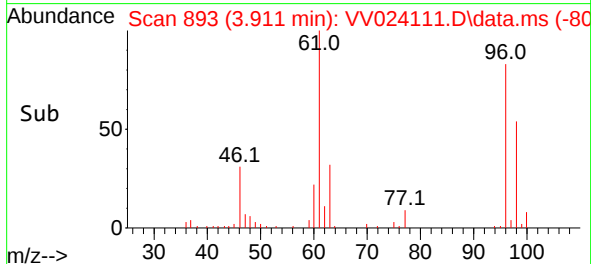
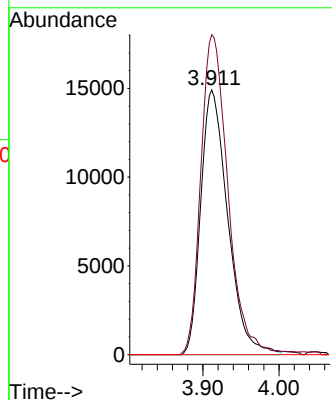
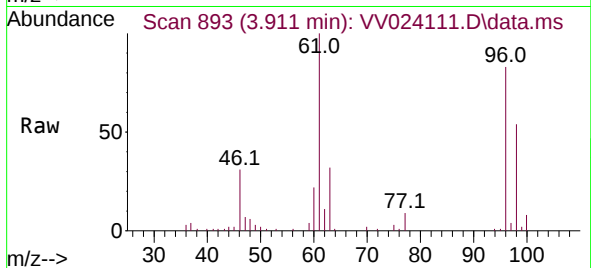
Tgt Ion: 96 Resp: 36802

Ion Ratio Lower Upper

96 100

61 120.8 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.379 ug/L

RT: 4.249 min Scan# 998

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Tgt Ion:128 Resp: 17733

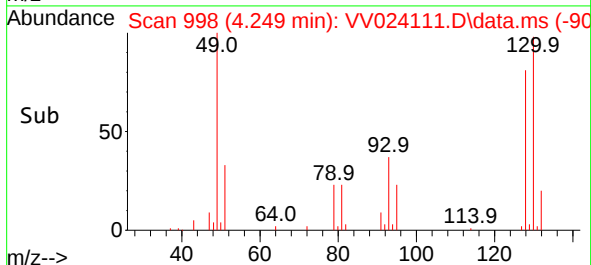
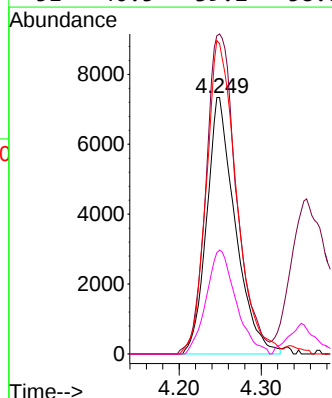
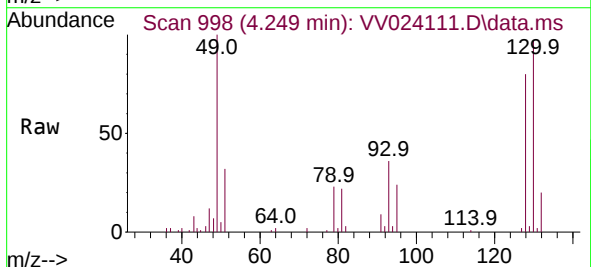
Ion Ratio Lower Upper

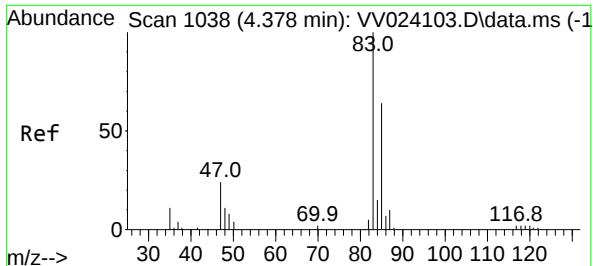
128 100

49 124.8 100.2 186.2

130 121.0 92.5 171.7

51 40.5 39.2 58.8





#25

Chloroform

Concen: 5.336 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

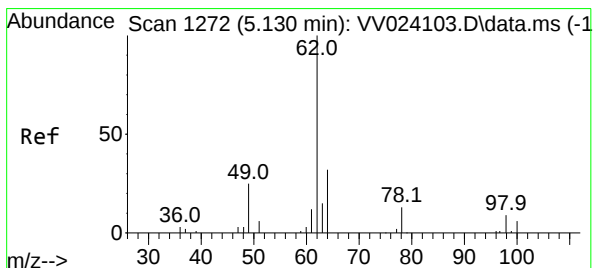
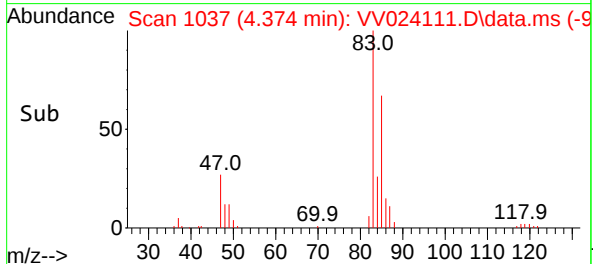
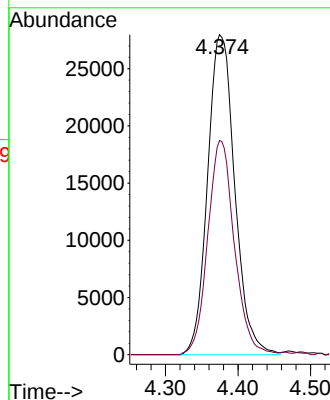
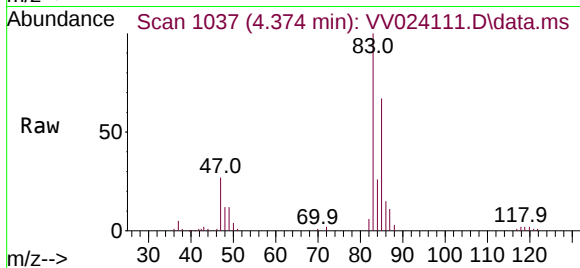
ClientSampleId :

Tgt Ion: 83 Resp: 72966

Ion Ratio Lower Upper

83 100

85 66.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.487 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV024111.D

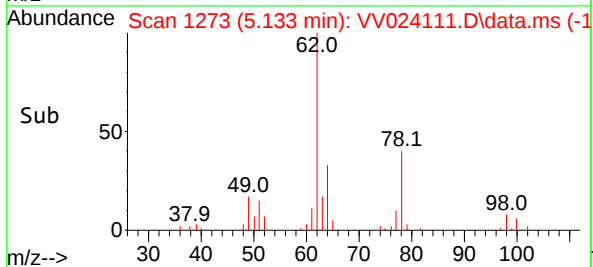
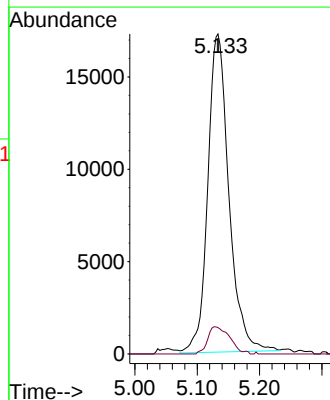
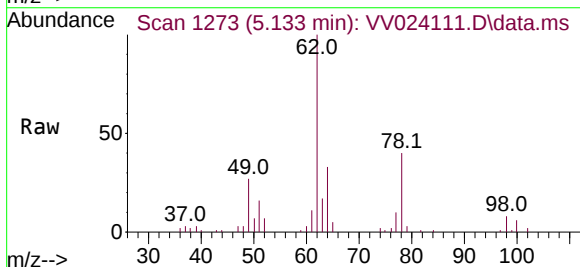
Acq: 20 Dec 2021 00:37

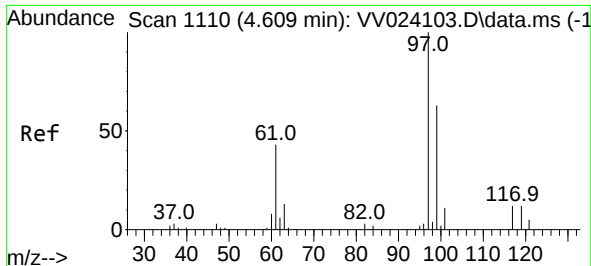
Tgt Ion: 62 Resp: 40656

Ion Ratio Lower Upper

62 100

98 8.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.512 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :

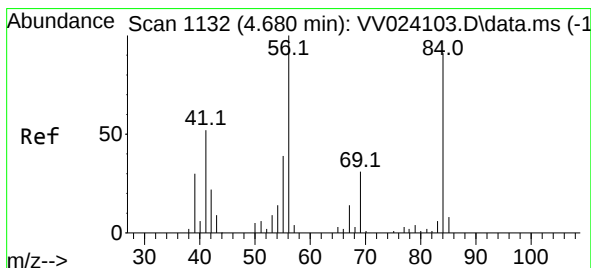
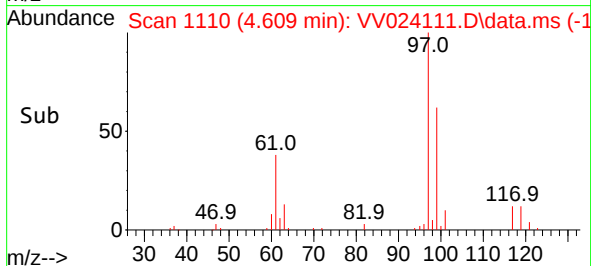
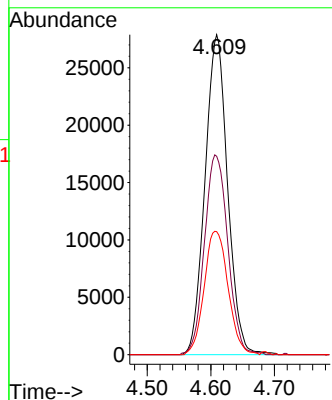
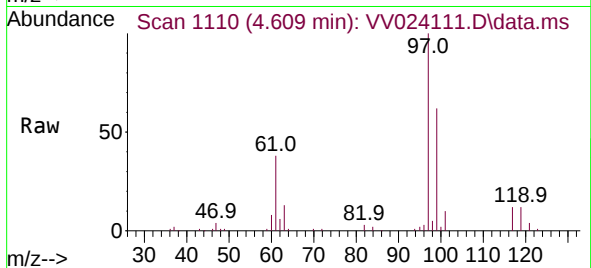
Tgt Ion: 97 Resp: 68860

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 40.9 33.2 49.8



#30

Cyclohexane

Concen: 4.765 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

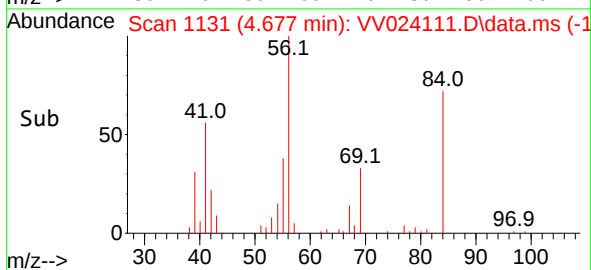
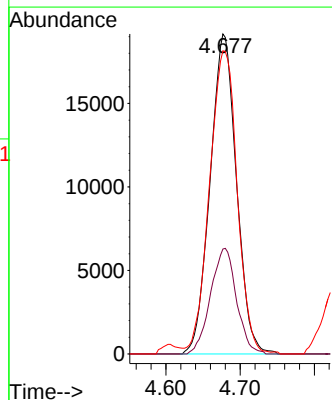
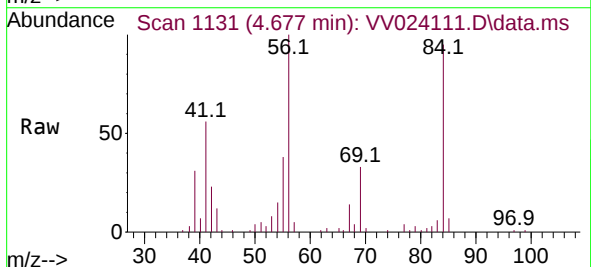
Tgt Ion: 56 Resp: 47219

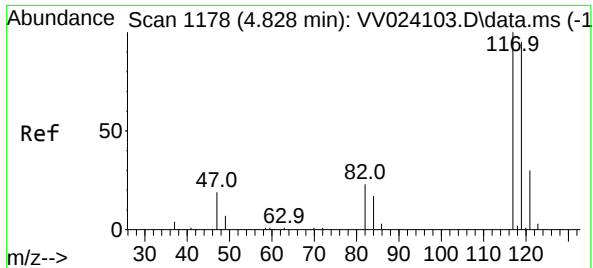
Ion Ratio Lower Upper

56 100

69 32.5 24.8 37.2

84 98.5 75.9 113.9

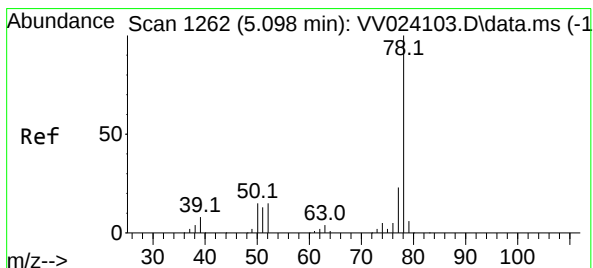
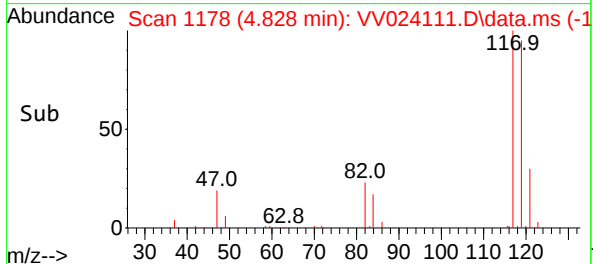
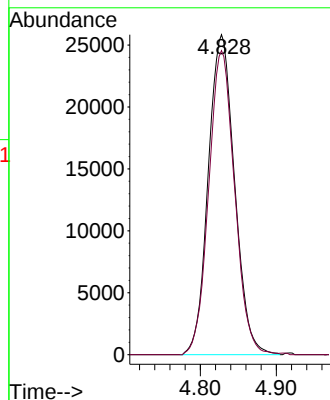
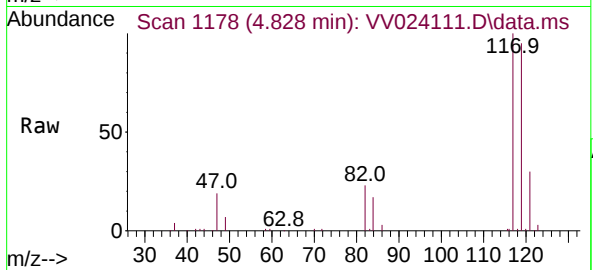




#31
Carbon tetrachloride
Concen: 5.289 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

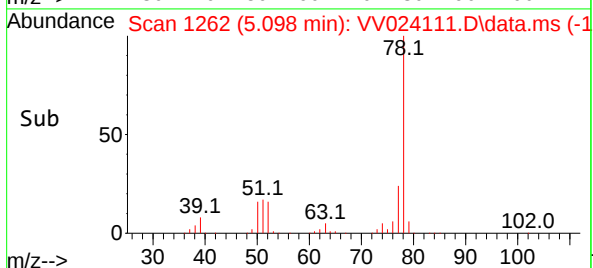
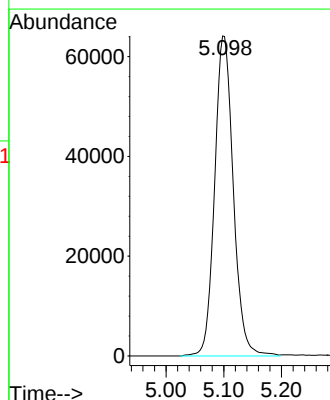
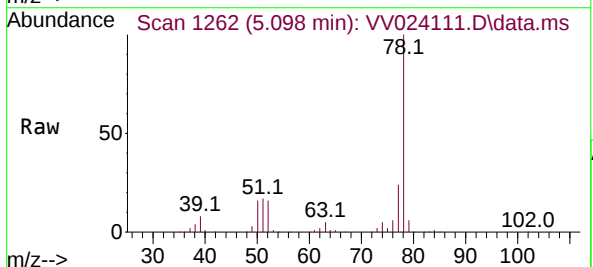
Instrument :
MSVOA_V
ClientSampleId :

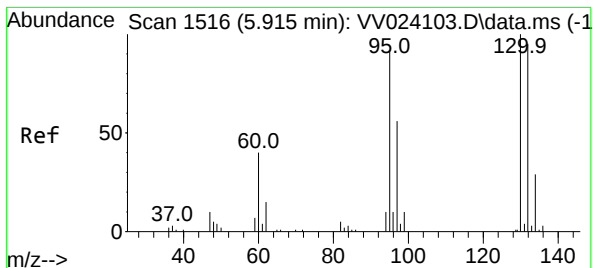
Tgt Ion:117 Resp: 62117
Ion Ratio Lower Upper
117 100
119 93.4 76.6 114.8



#33
Benzene
Concen: 5.330 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion: 78 Resp: 143982





#34

Trichloroethene

Concen: 5.115 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 38977

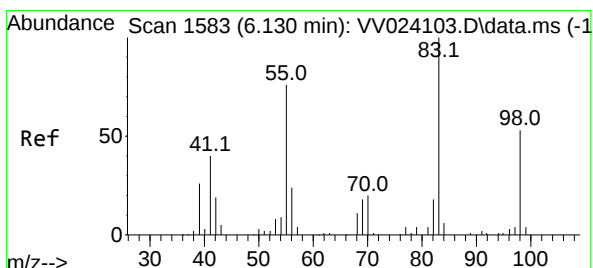
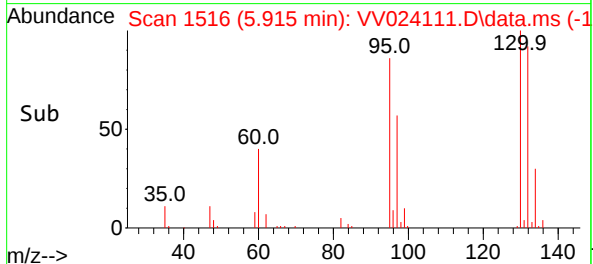
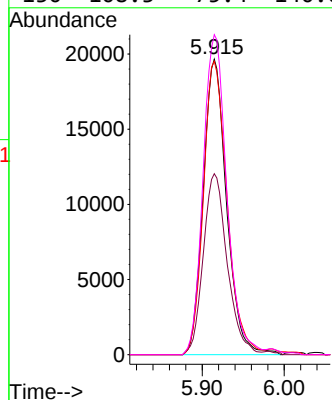
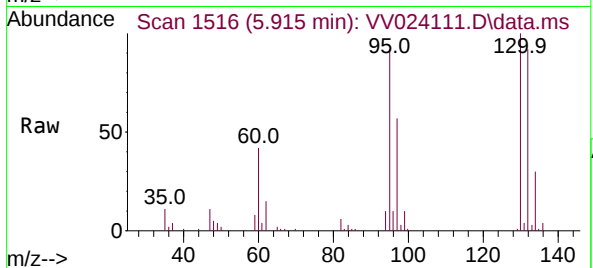
Ion Ratio Lower Upper

95 100

97 61.3 45.2 84.0

132 99.3 76.1 141.3

130 108.3 75.4 140.0



#35

Methylcyclohexane

Concen: 4.734 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

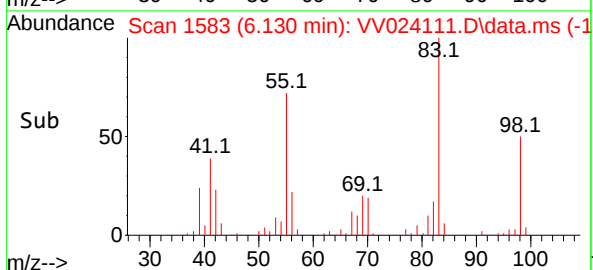
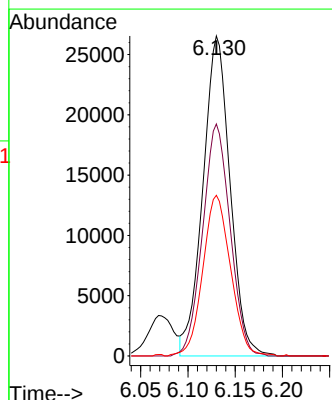
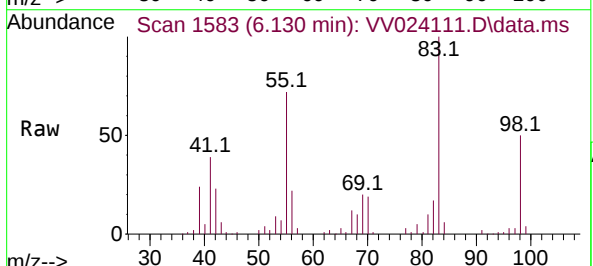
Tgt Ion: 83 Resp: 53092

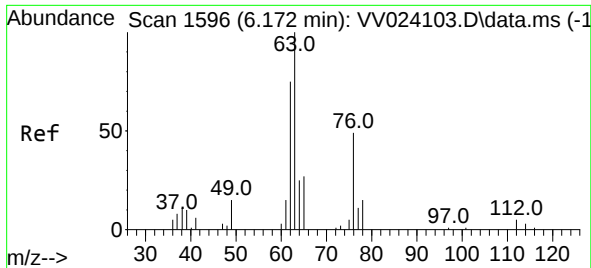
Ion Ratio Lower Upper

83 100

55 73.4 60.2 90.2

98 51.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.435 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

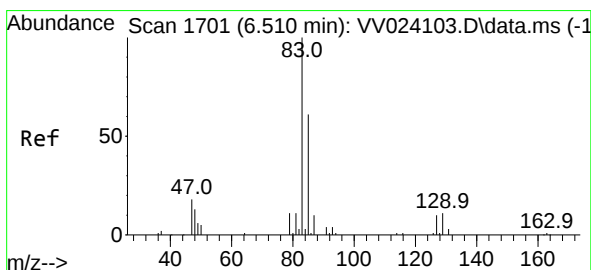
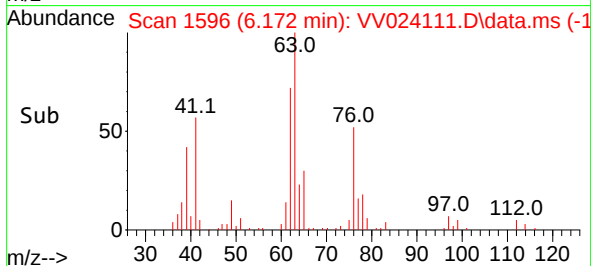
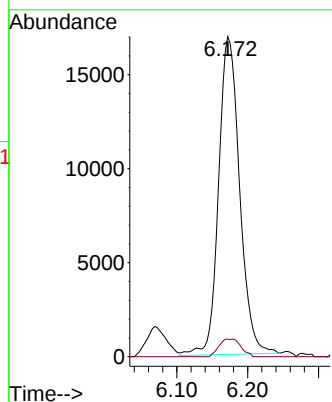
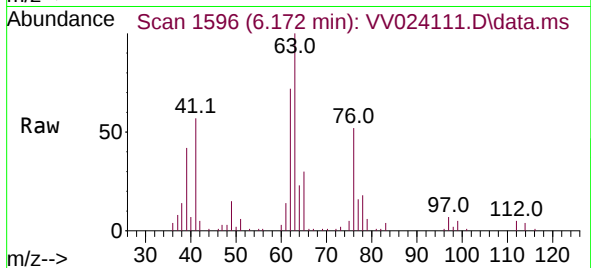
ClientSampleId :

Tgt Ion: 63 Resp: 34898

Ion Ratio Lower Upper

63 100

112 5.7 4.3 6.5



#38

Bromodichloromethane

Concen: 5.323 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

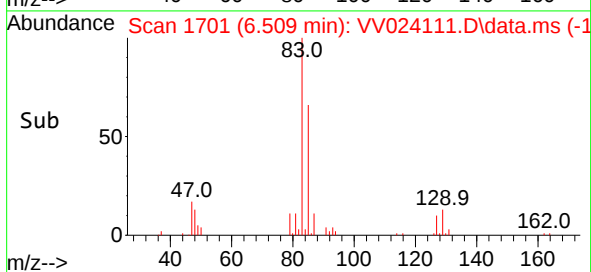
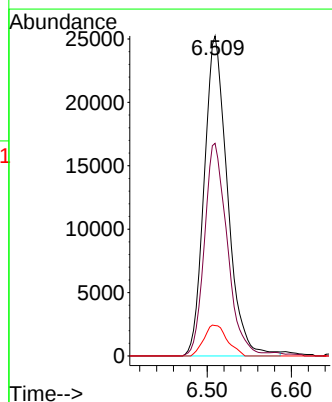
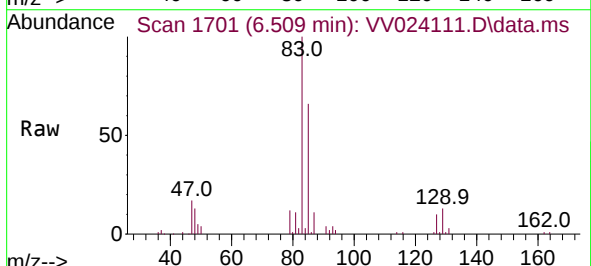
Tgt Ion: 83 Resp: 48415

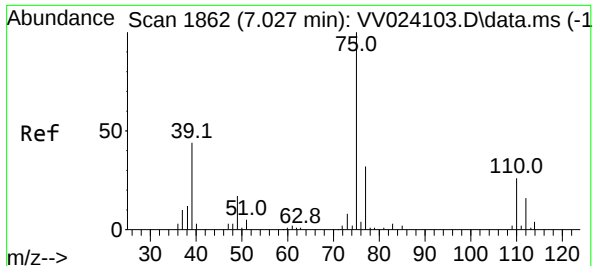
Ion Ratio Lower Upper

83 100

85 66.4 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.905 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

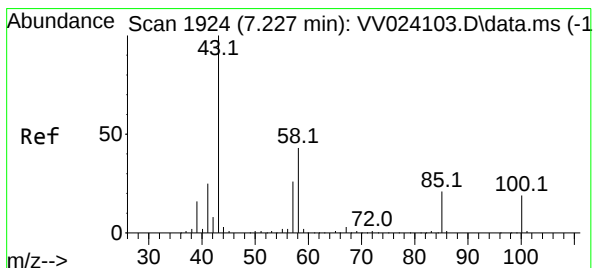
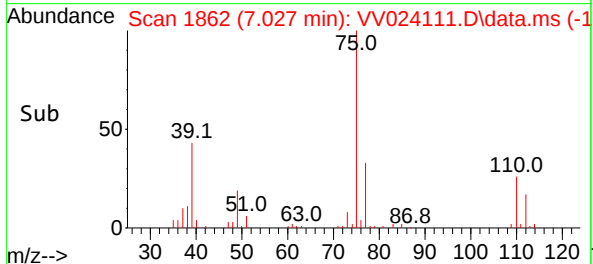
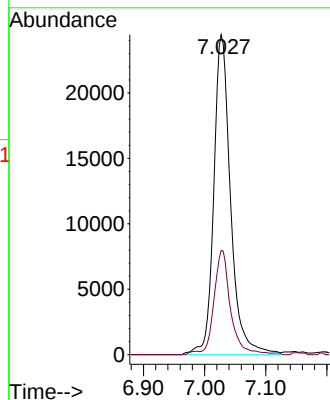
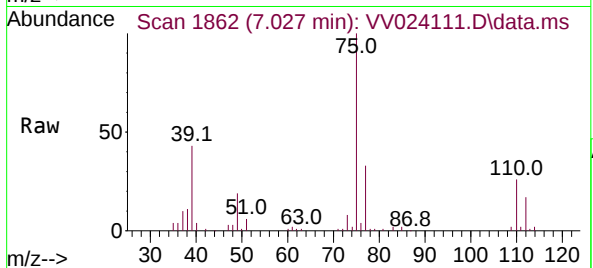
ClientSampleId :

Tgt Ion: 75 Resp: 46752

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.500 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

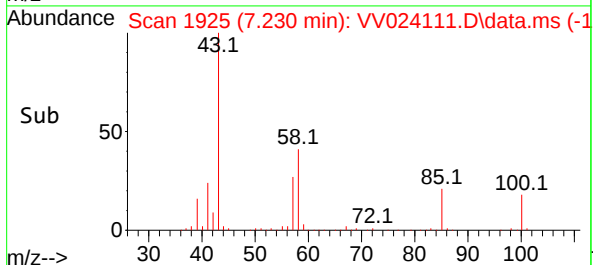
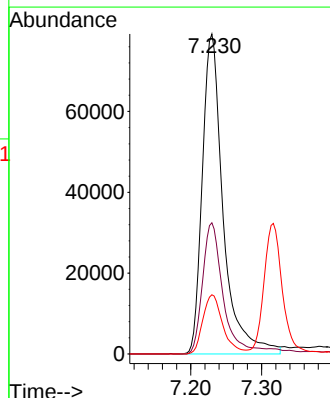
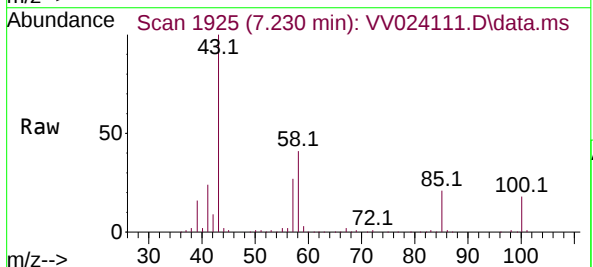
Tgt Ion: 43 Resp: 161932

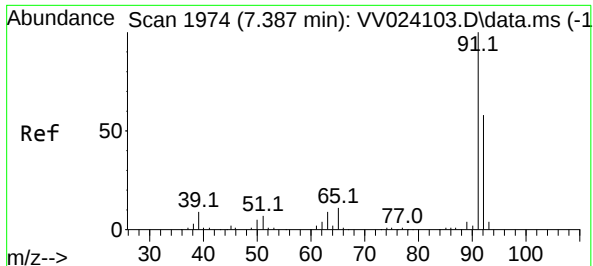
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 17.8 13.0 19.6





#42

Toluene

Concen: 5.387 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

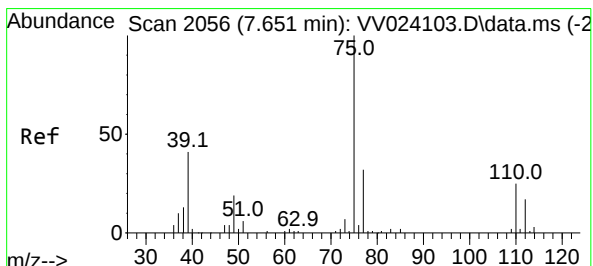
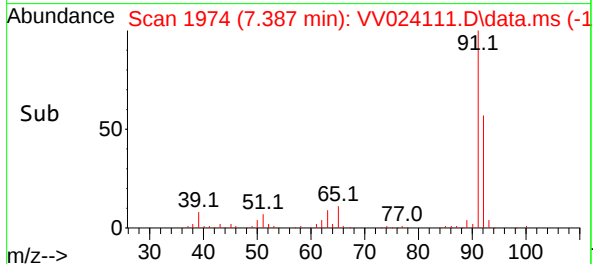
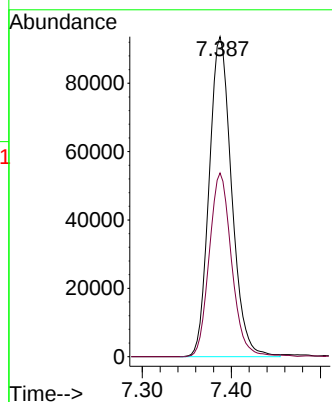
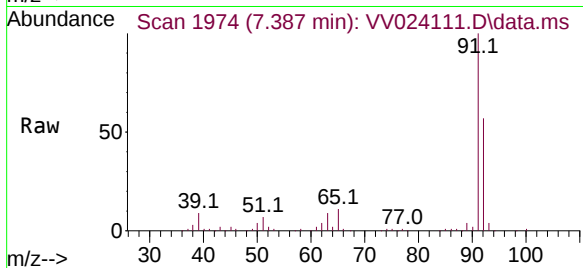
ClientSampleId :

Tgt Ion: 91 Resp: 163784

Ion Ratio Lower Upper

91 100

92 57.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.100 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024111.D

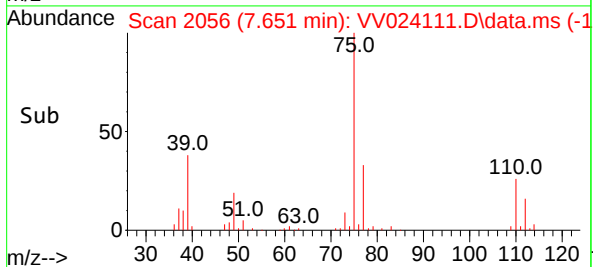
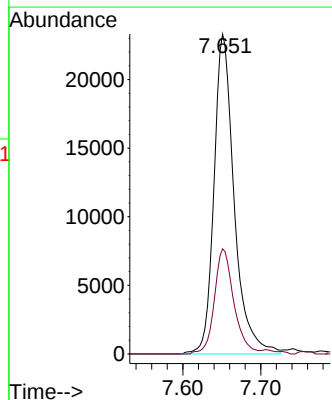
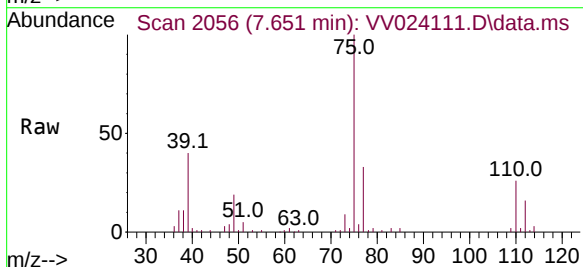
Acq: 20 Dec 2021 00:37

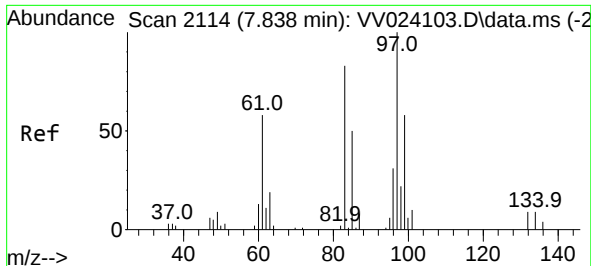
Tgt Ion: 75 Resp: 42024

Ion Ratio Lower Upper

75 100

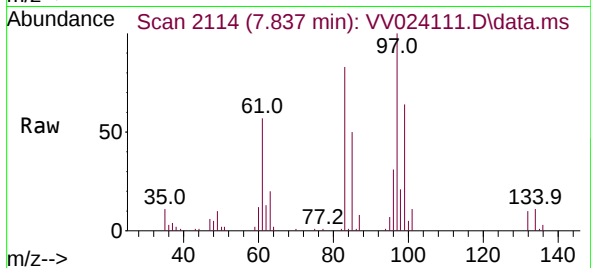
77 32.9 21.8 40.4



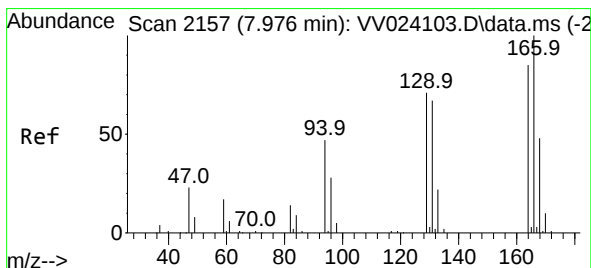
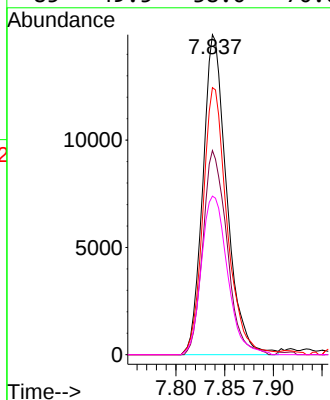
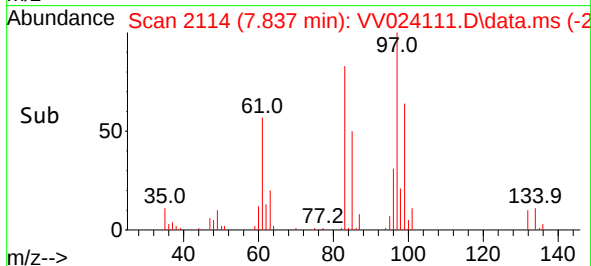


#45
1,1,2-Trichloroethane
Concen: 5.358 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

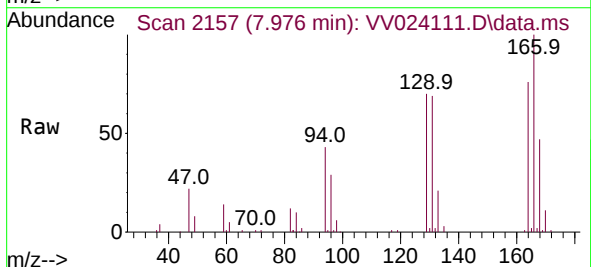
Instrument :
MSVOA_V
ClientSampleId :



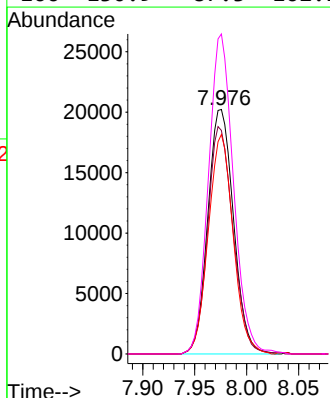
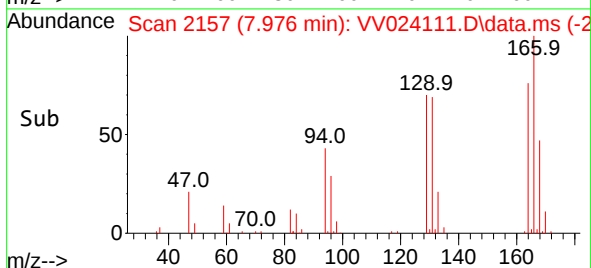
Tgt Ion:	97	Resp:	25451
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.1	80.1
83	83.4	57.9	107.5
85	49.5	38.0	70.6

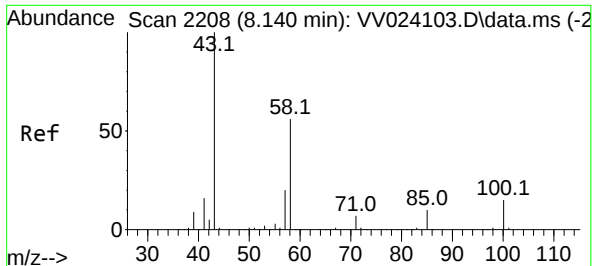


#47
Tetrachloroethene
Concen: 5.184 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37



Tgt Ion:	164	Resp:	34778
Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.6	116.2
131	89.8	61.0	113.4
166	130.9	87.3	162.1

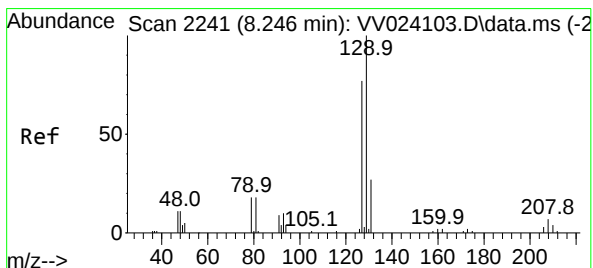
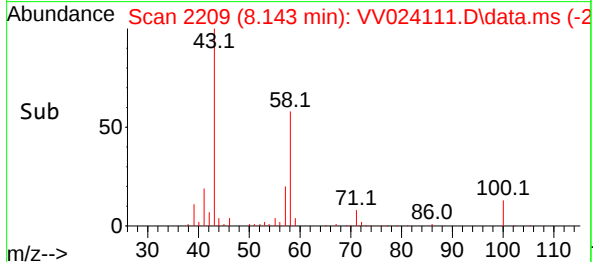
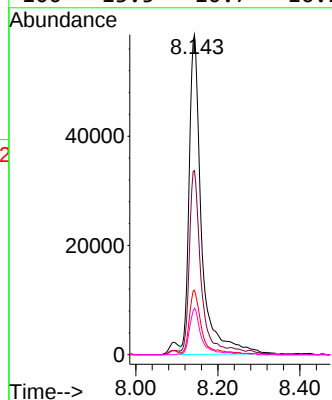
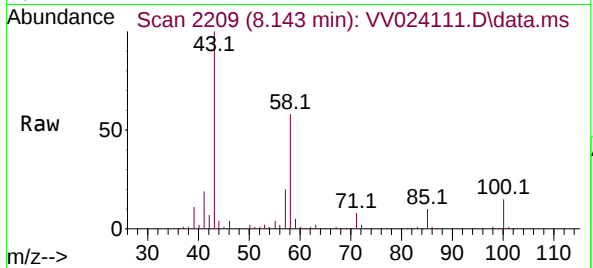




#48
2-Hexanone
Concen: 55.454 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

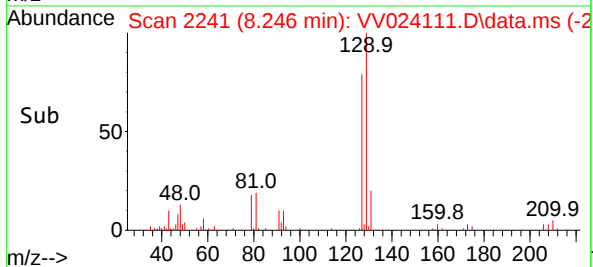
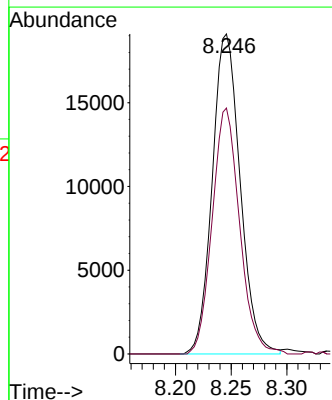
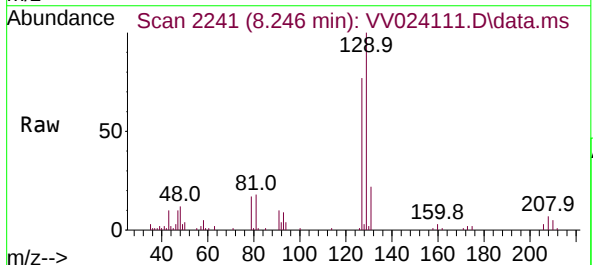
Instrument :
MSVOA_V
ClientSampleId :

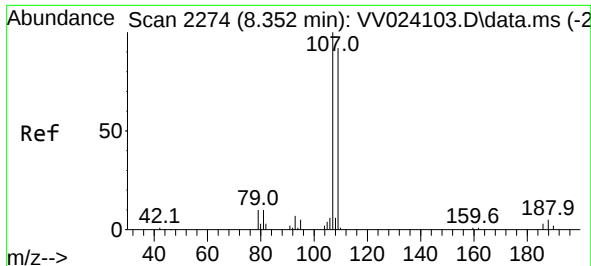
Tgt Ion: 43 Resp: 124024
Ion Ratio Lower Upper
43 100
58 50.7 44.5 66.7
57 17.4 15.1 22.7
100 13.5 10.7 16.1



#49
Dibromochloromethane
Concen: 5.156 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion: 129 Resp: 33323
Ion Ratio Lower Upper
129 100
127 76.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.314 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024111.D

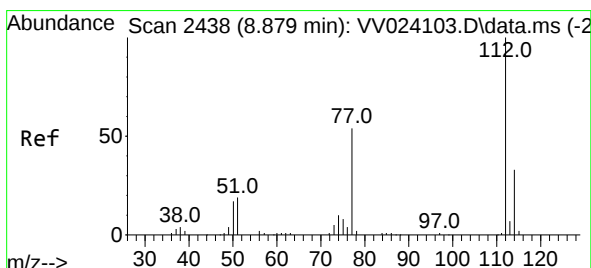
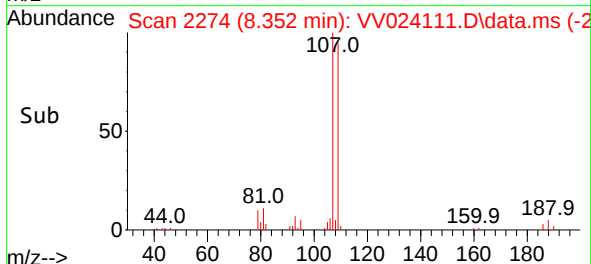
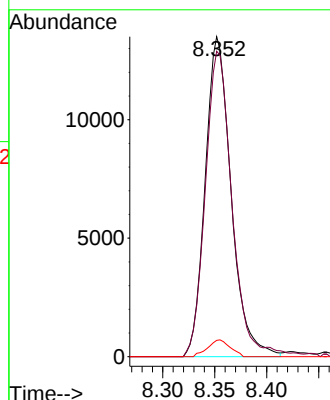
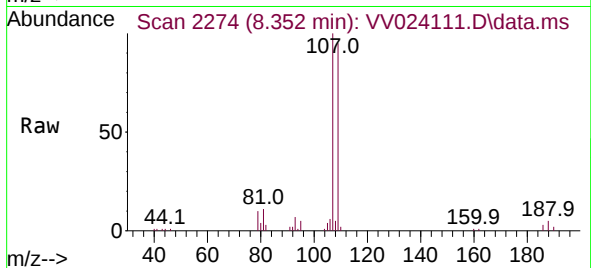
Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	23437
Ion Ratio	Lower	Upper
107	100	
109	95.5	62.5 116.1
188	5.1	3.4 5.2



#51

Chlorobenzene

Concen: 5.201 ug/L

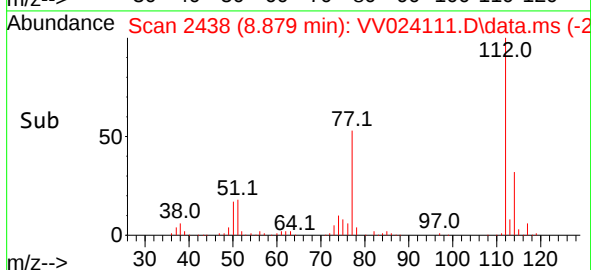
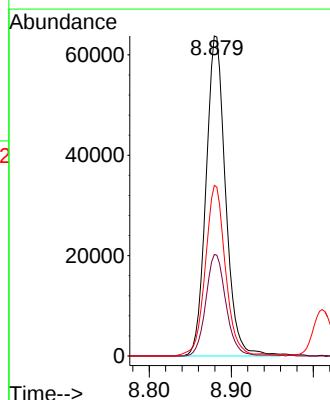
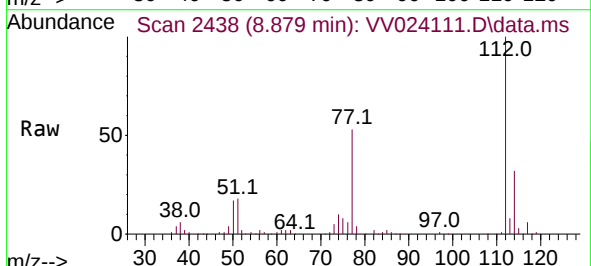
RT: 8.879 min Scan# 2438

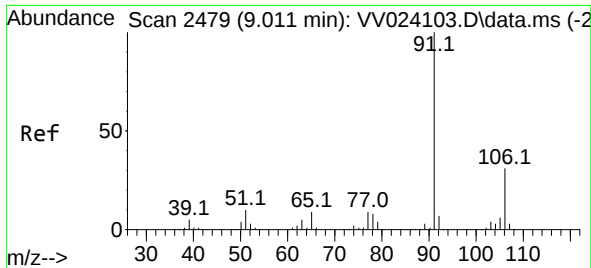
Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Tgt Ion:112	Resp:	105693
Ion Ratio	Lower	Upper
112	100	
114	31.7	23.3 43.3
77	53.3	43.3 64.9

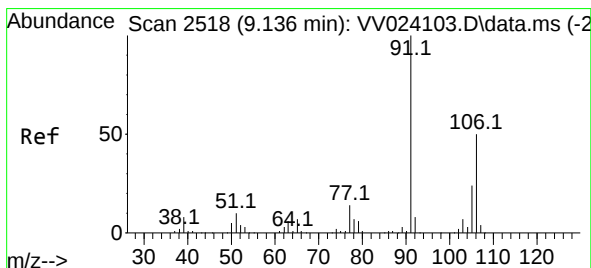
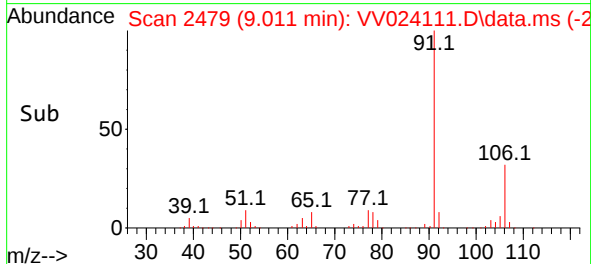
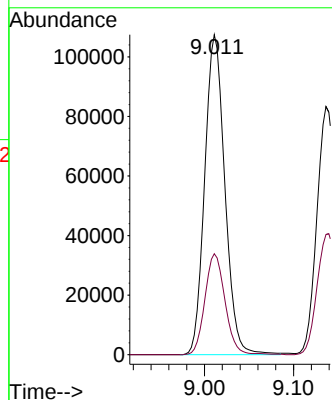
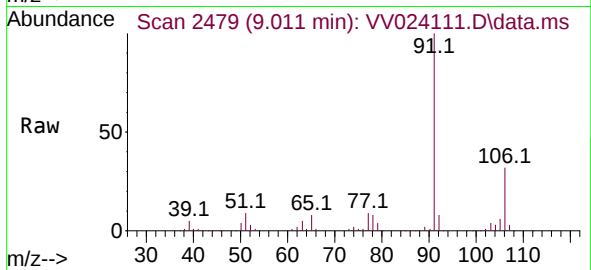




#52
Ethylbenzene
Concen: 5.265 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

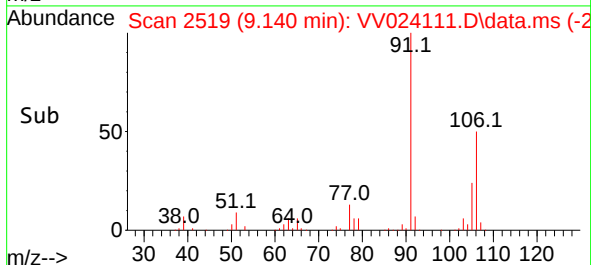
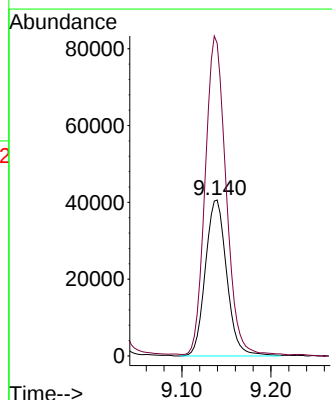
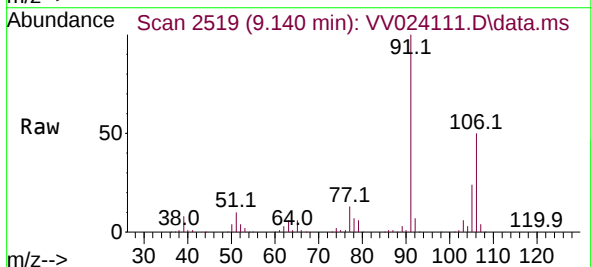
Instrument :
MSVOA_V
ClientSampleId :

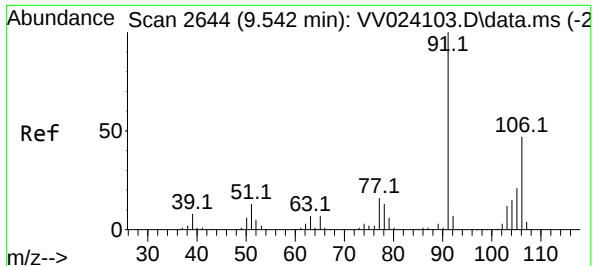
Tgt Ion: 91 Resp: 168904
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 5.334 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion: 106 Resp: 67671
Ion Ratio Lower Upper
106 100
91 200.4 139.5 259.1

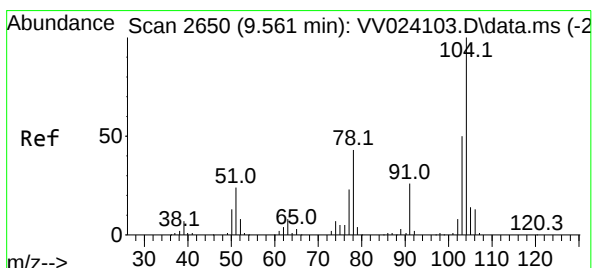
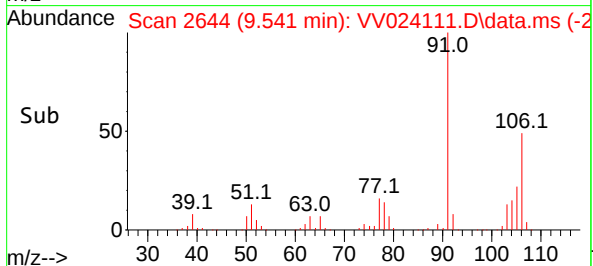
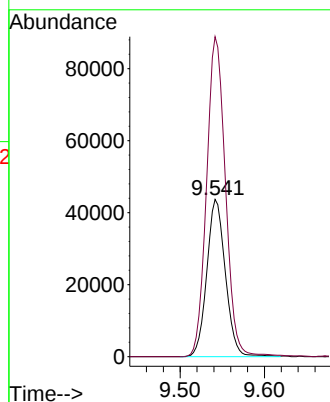
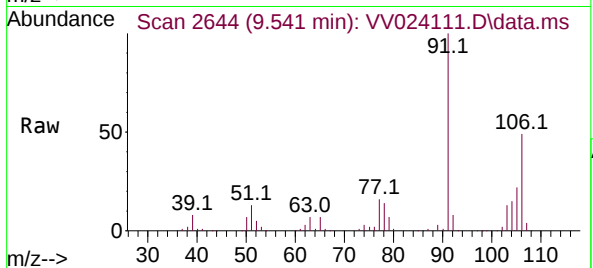




#54
o-xylene
Concen: 5.471 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

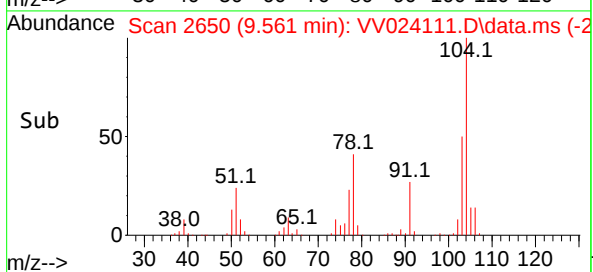
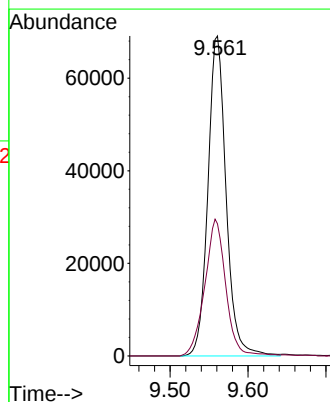
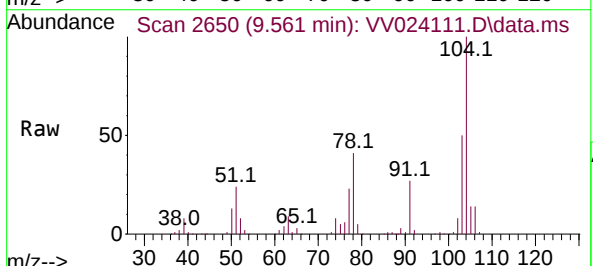
Instrument :
MSVOA_V
ClientSampleId :

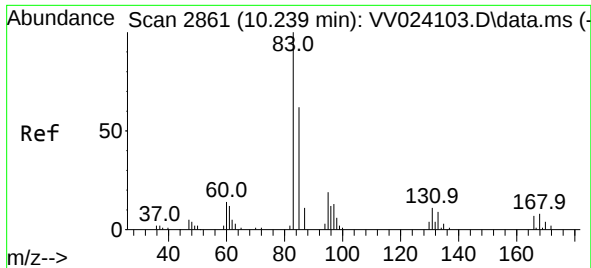
Tgt Ion:106 Resp: 67124
Ion Ratio Lower Upper
106 100
91 203.5 147.9 274.7



#55
Styrene
Concen: 5.489 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion:104 Resp: 112114
Ion Ratio Lower Upper
104 100
78 41.3 31.0 57.6

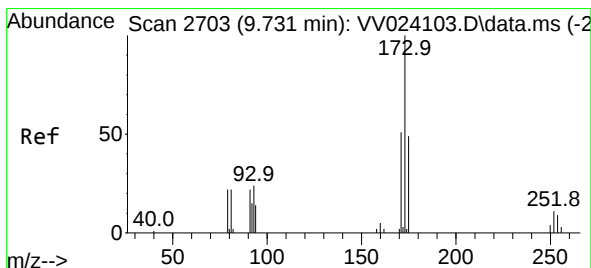
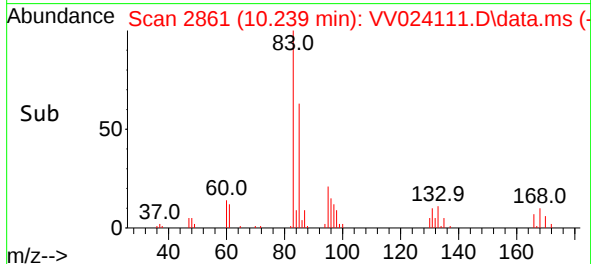
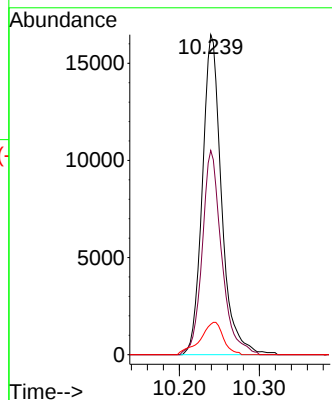
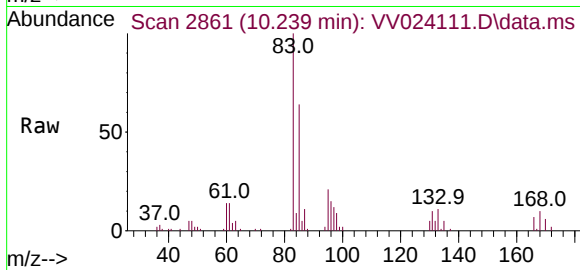




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.297 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

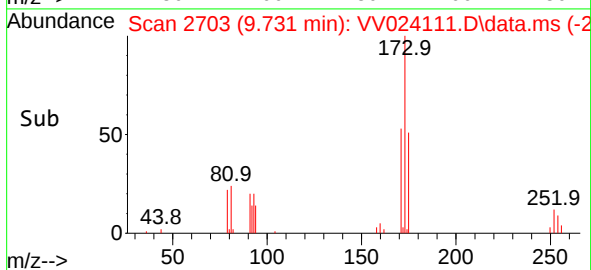
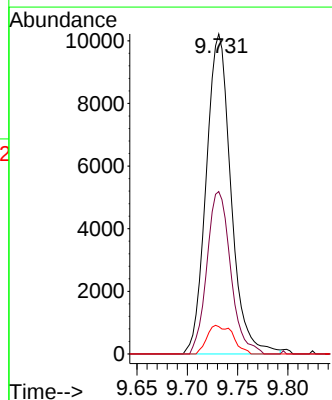
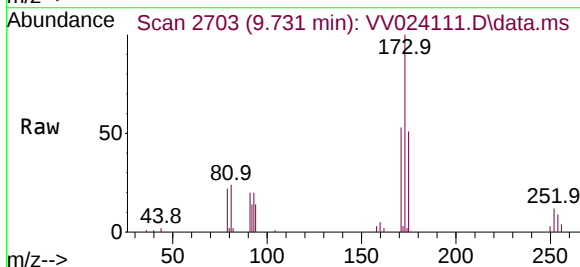
Instrument :
 MSVOA_V
 ClientSampleId :

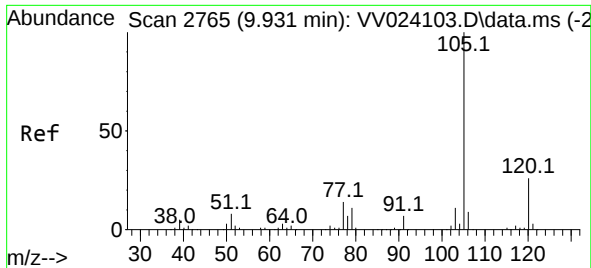
Tgt Ion:	83	Resp:	27554
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.6	82.8
131	9.5	8.3	12.5



#59
 Bromoform
 Concen: 4.701 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV024111.D
 Acq: 20 Dec 2021 00:37

Tgt Ion:	173	Resp:	17517
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.2
254	9.3	7.4	11.0

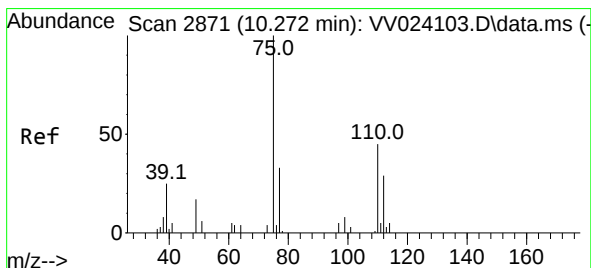
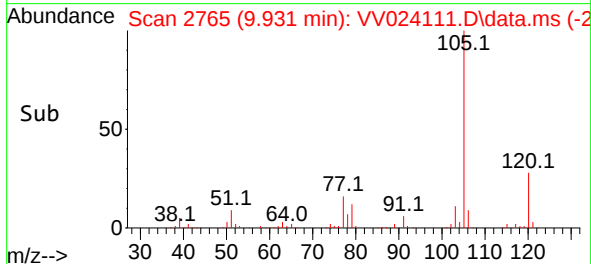
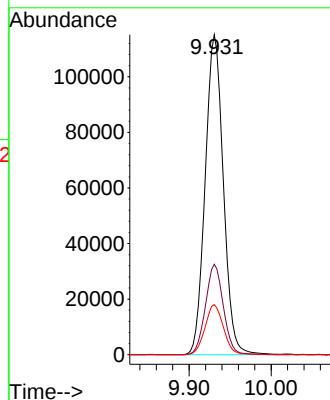
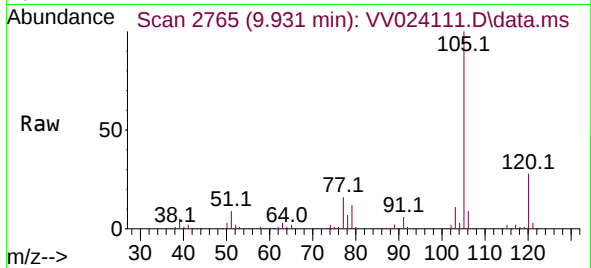




#60
Isopropylbenzene
Concen: 5.192 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

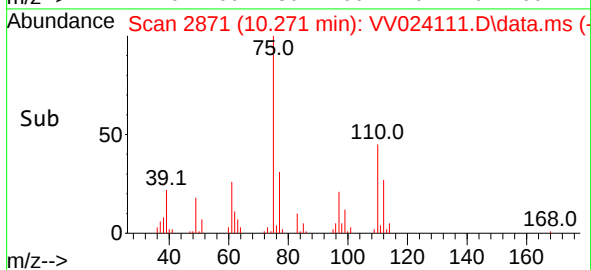
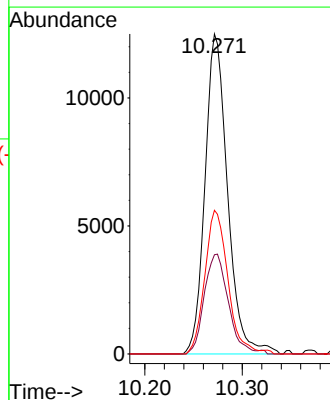
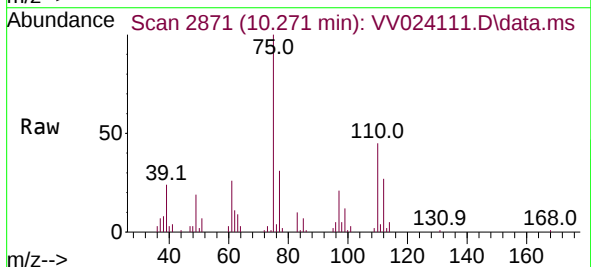
Instrument :
MSVOA_V
ClientSampleId :

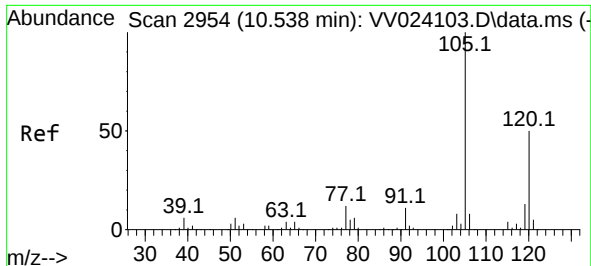
Tgt Ion:105 Resp: 176988
Ion Ratio Lower Upper
105 100
120 27.8 21.4 32.0
77 15.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion: 75 Resp: 20145
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 45.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.140 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

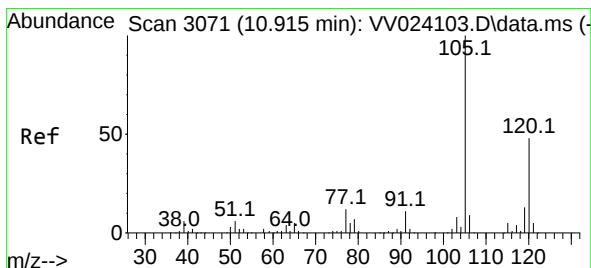
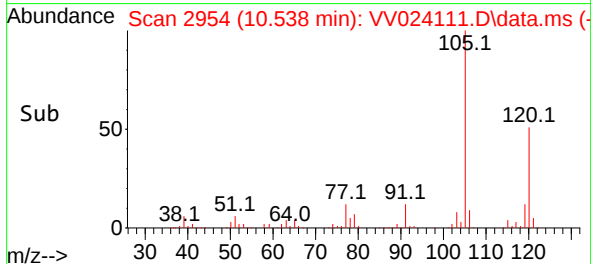
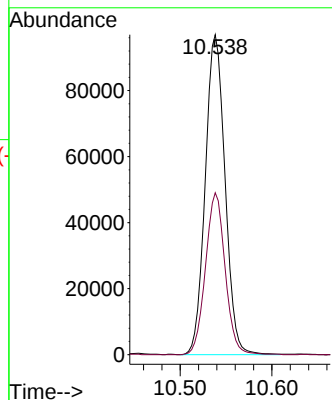
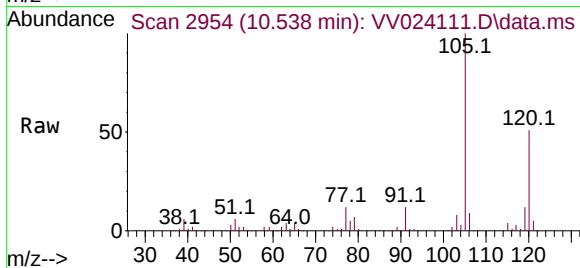
ClientSampleId :

Tgt Ion:105 Resp: 145335

Ion Ratio Lower Upper

105 100

120 50.1 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.273 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024111.D

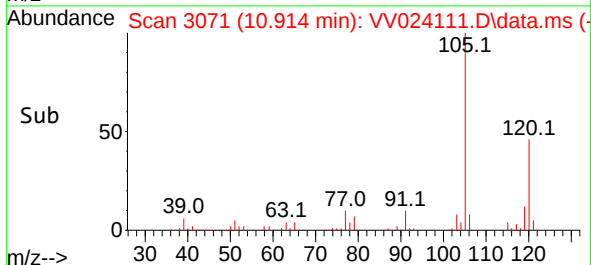
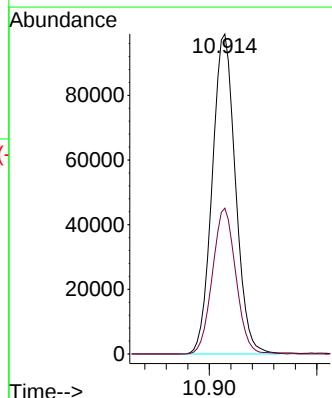
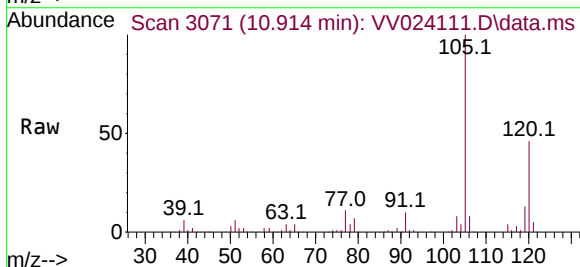
Acq: 20 Dec 2021 00:37

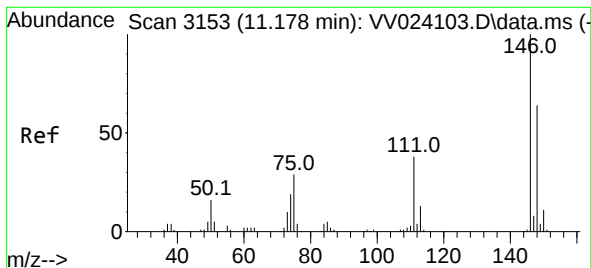
Tgt Ion:105 Resp: 148531

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.247 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :

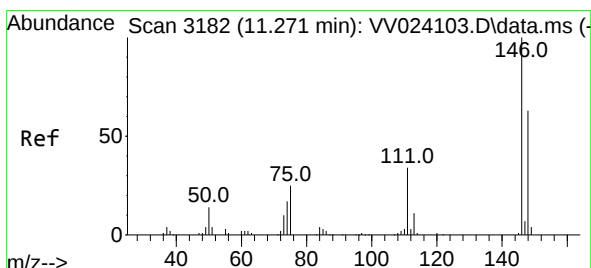
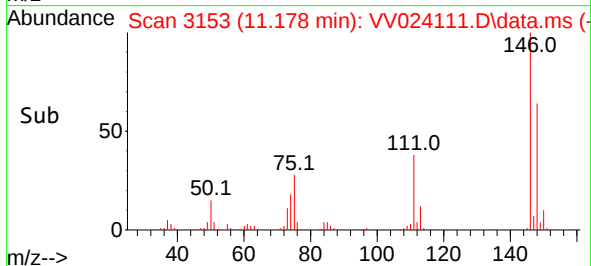
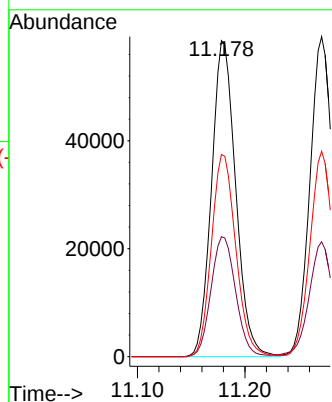
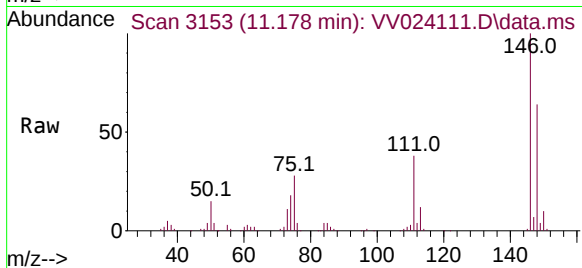
Tgt Ion:146 Resp: 91476

Ion Ratio Lower Upper

146 100

111 38.0 26.3 48.9

148 64.0 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 5.255 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

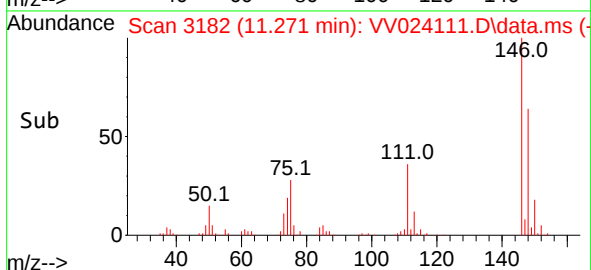
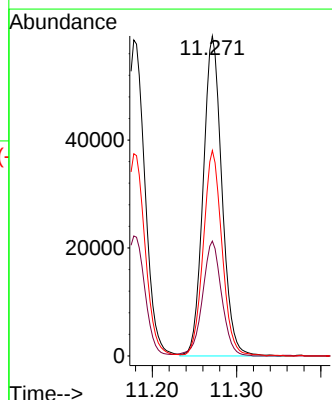
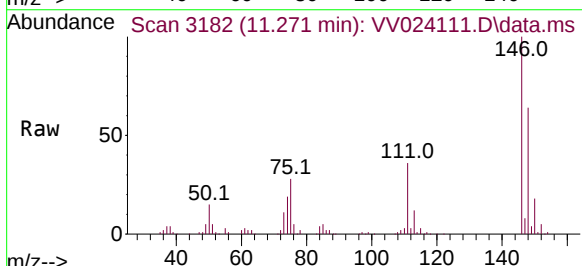
Tgt Ion:146 Resp: 92012

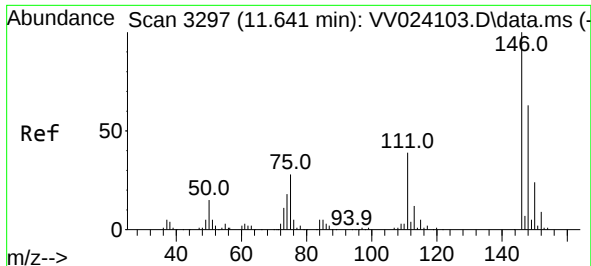
Ion Ratio Lower Upper

146 100

111 35.9 25.6 47.6

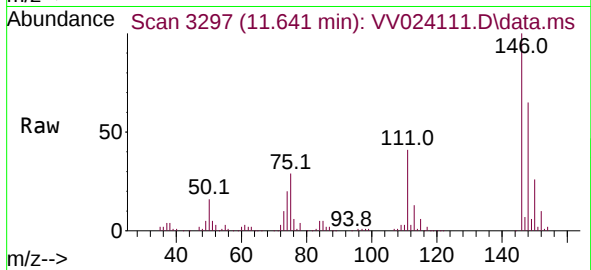
148 64.2 44.8 83.2



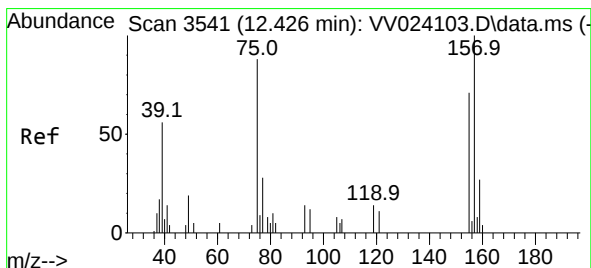
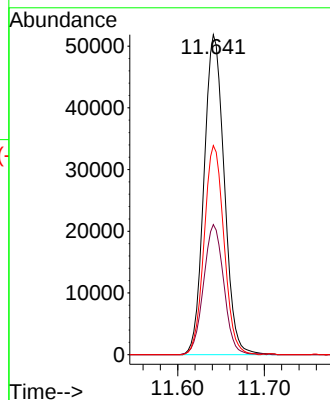
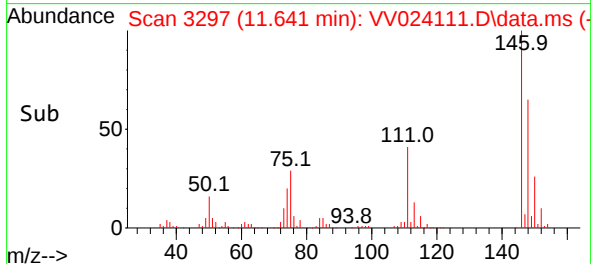


#67
1,2-Dichlorobenzene
Concen: 5.265 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

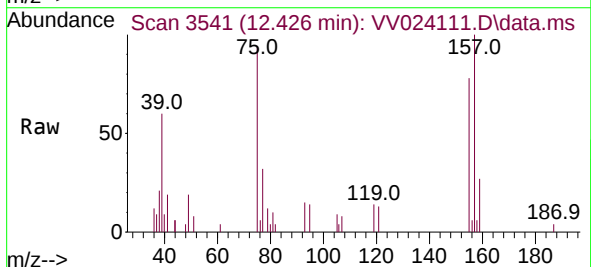
Instrument :
MSVOA_V
ClientSampleId :



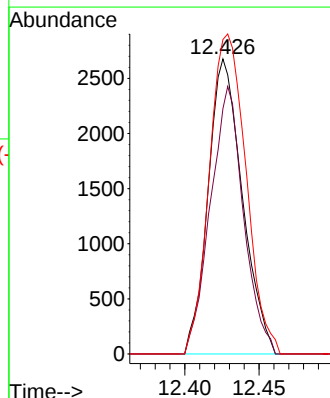
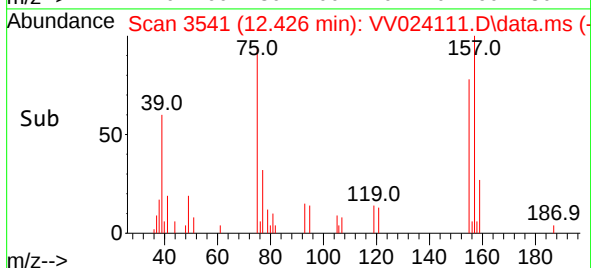
Tgt Ion:146 Resp: 84091
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 65.4 50.5 75.7

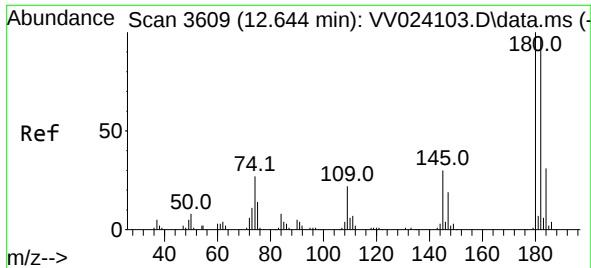


#68
1,2-Dibromo-3-chloropropane
Concen: 4.961 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37



Tgt Ion: 75 Resp: 4285
Ion Ratio Lower Upper
75 100
155 83.1 71.7 107.5
157 106.6 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 4.934 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

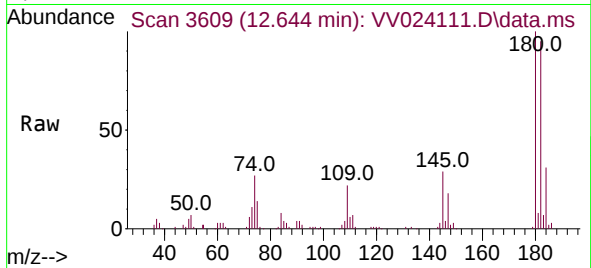
Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 70747

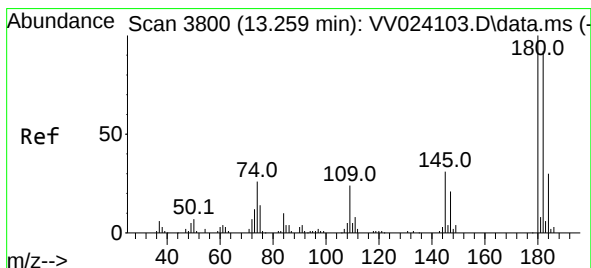
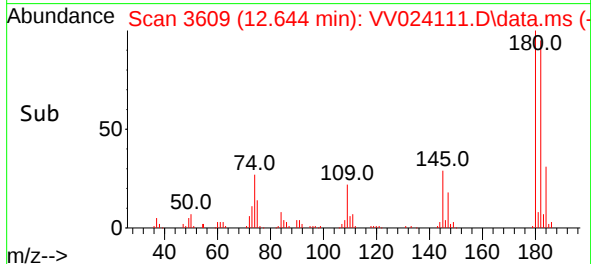
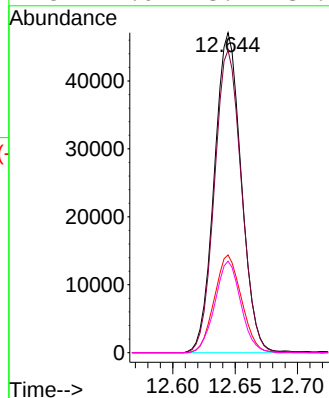
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

184 30.8 24.2 36.4

145 27.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.772 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024111.D

Acq: 20 Dec 2021 00:37

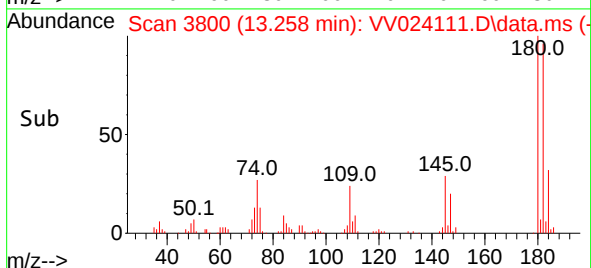
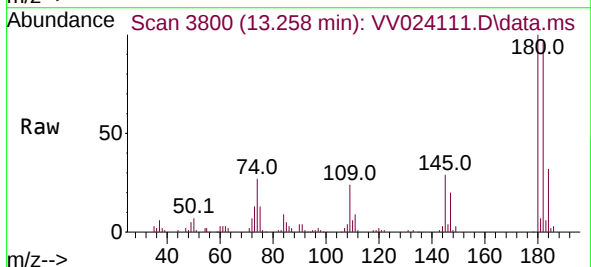
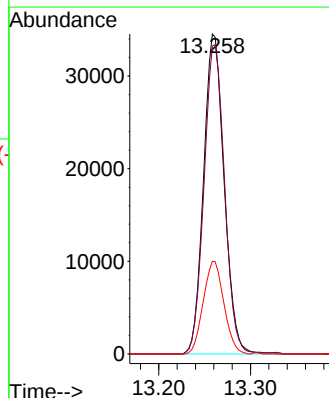
Tgt Ion:180 Resp: 53735

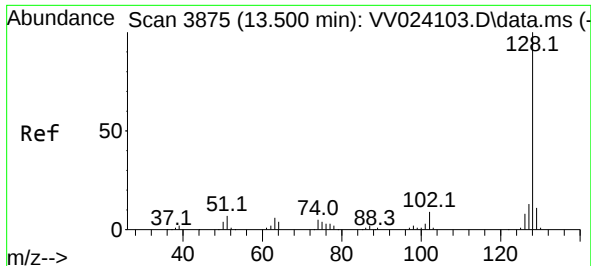
Ion Ratio Lower Upper

180 100

182 97.1 74.4 111.6

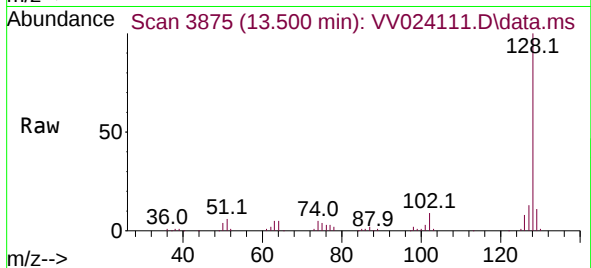
145 29.1 23.3 34.9



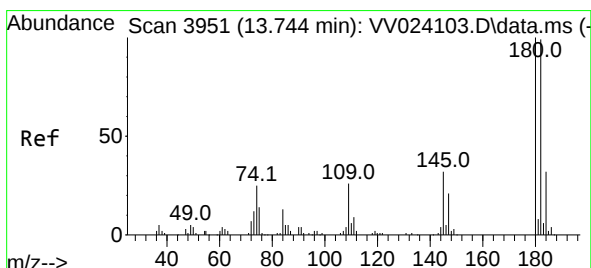
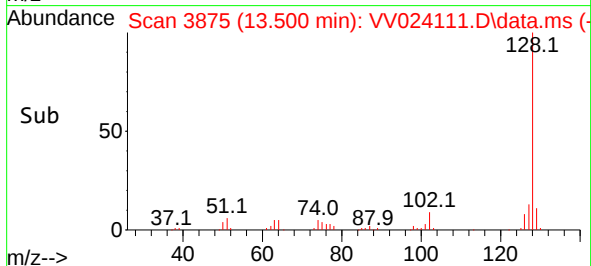
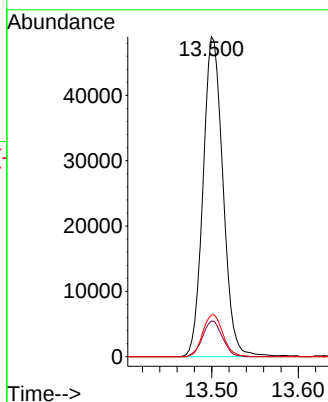


#71
Naphthalene
Concen: 4.832 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 78202
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.034 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024111.D
Acq: 20 Dec 2021 00:37

Tgt Ion:180 Resp: 50043
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 30.6 25.8 38.6

