

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028090.D
 Acq On : 23 Sep 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	187706	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	189320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	92026	4.729	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.561	69	77400	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.101	63	155840	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.889	46	169082	51.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.940%
24) Chloroform-d	4.336	84	154651	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.021	65	72594	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.040	84	287942	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.059	67	86757	4.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.307	98	266583	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.619	79	32716	4.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.085	63	139505	47.815	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64168	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	96788	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	74821	5.337	ug/L	93
3) Chloromethane	1.237	50	70001	3.770	ug/L	93
5) Vinyl chloride	1.304	62	76689	5.269	ug/L	99
6) Bromomethane	1.516	94	49009	5.170	ug/L	99
8) Chloroethane	1.577	64	50415	5.165	ug/L	100
9) Trichlorofluoromethane	1.745	101	122899	5.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	70059	5.260	ug/L	99
12) 1,1-Dichloroethene	2.111	96	61830	4.766	ug/L	84
13) Acetone	2.182	43	108986	43.068	ug/L	97
14) Carbon disulfide	2.285	76	123876	4.976	ug/L	100
15) Methyl Acetate	2.436	43	23532	4.790	ug/L	91
16) Methylene chloride	2.497	84	71476	4.936	ug/L	92
17) Methyl tert-butyl Ether	2.761	73	136242	4.882	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	58996	5.195	ug/L	98
19) 1,1-Dichloroethane	3.179	63	126292	5.098	ug/L	99
21) 2-Butanone	3.976	43	142005	45.326	ug/L	98
22) cis-1,2-Dichloroethene	3.899	96	68026	4.565	ug/L	96
23) Bromochloromethane	4.240	128	30815	5.165	ug/L	86
25) Chloroform	4.362	83	133760	5.032	ug/L	95

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

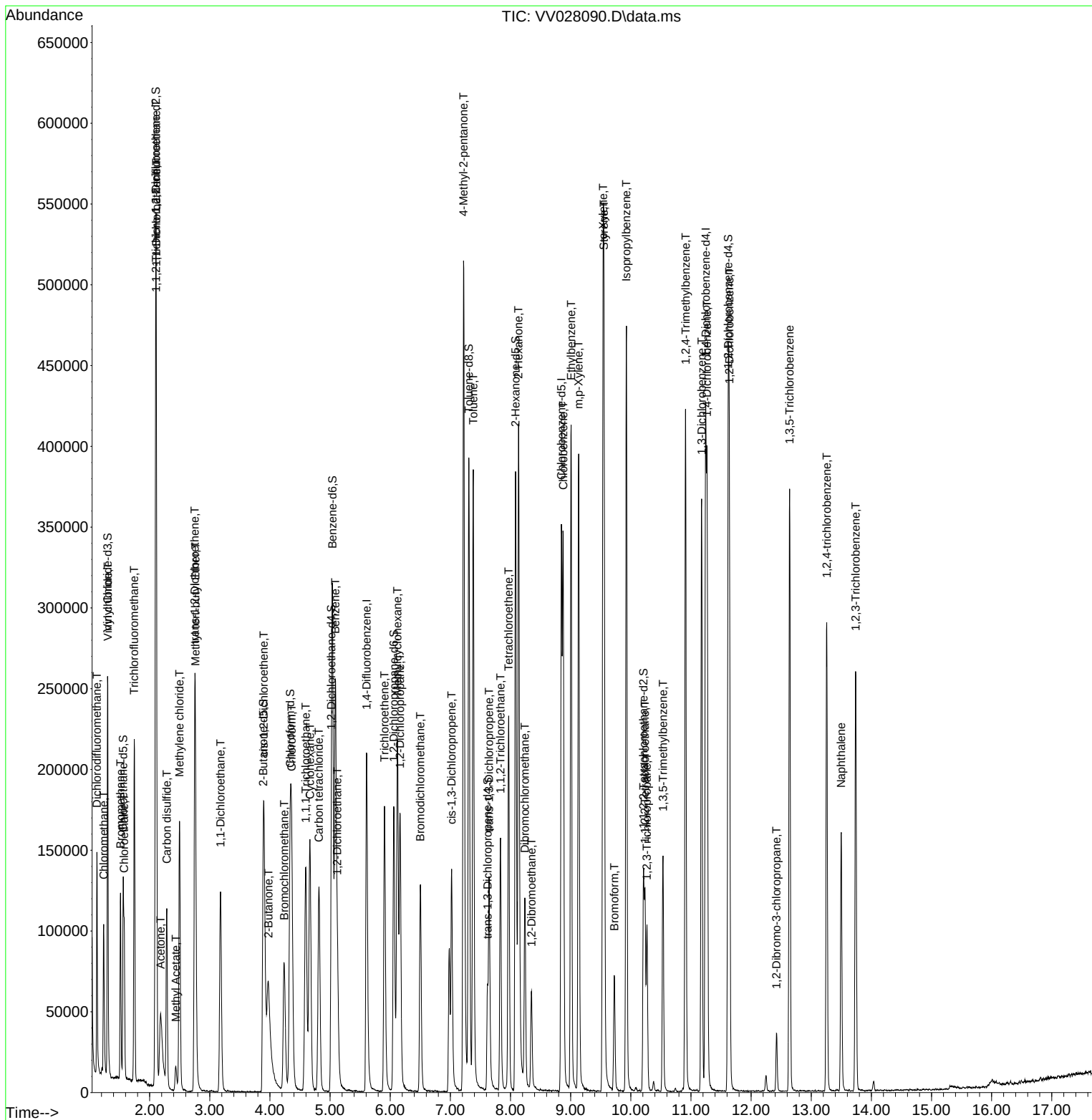
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 ClientSampleId :

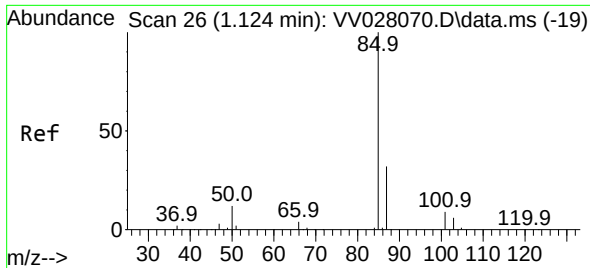
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	70741	4.991	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	114455	4.920	ug/L	99
30) Cyclohexane	4.667	56	76378	4.540	ug/L	91
31) Carbon tetrachloride	4.815	117	97706	5.104	ug/L	98
33) Benzene	5.088	78	262984	5.002	ug/L	100
34) Trichloroethene	5.905	95	63718	4.869	ug/L	96
35) Methylcyclohexane	6.121	83	86610	4.826	ug/L	97
37) 1,2-Dichloropropane	6.162	63	69381	4.708	ug/L	98
38) Bromodichloromethane	6.500	83	90087	4.951	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	88305	4.824	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	353395	49.378	ug/L	99
42) Toluene	7.381	91	284367	5.186	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77422	4.917	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	49202	4.980	ug/L	99
47) Tetrachloroethene	7.969	164	54217	5.190	ug/L	95
48) 2-Hexanone	8.133	43	264380	48.660	ug/L	98
49) Dibromochloromethane	8.239	129	60416	5.086	ug/L	98
50) 1,2-Dibromoethane	8.349	107	41915	4.882	ug/L	99
51) Chlorobenzene	8.876	112	184212	5.008	ug/L	99
52) Ethylbenzene	9.008	91	284039	4.896	ug/L	96
53) m,p-Xylene	9.133	106	112560	5.063	ug/L	100
54) o-Xylene	9.538	106	109443	4.985	ug/L	99
55) Styrene	9.555	104	198743	5.224	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	57821	5.023	ug/L	99
59) Bromoform	9.725	173	32296	4.858	ug/L	97
60) Isopropylbenzene	9.928	105	298155	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	40284	4.587	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	79284	4.579	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	229164	4.735	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152422	4.983	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	153731	5.024	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	142507	4.932	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8906	4.626	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	119807	4.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	93883	4.849	ug/L	100
71) Naphthalene	13.500	128	132858	4.190	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	85215	4.866	ug/L	96

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

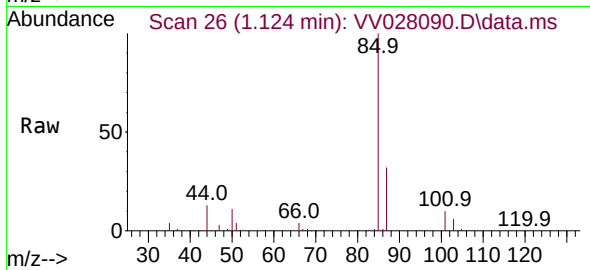
Quant Time: Sep 24 01:21:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
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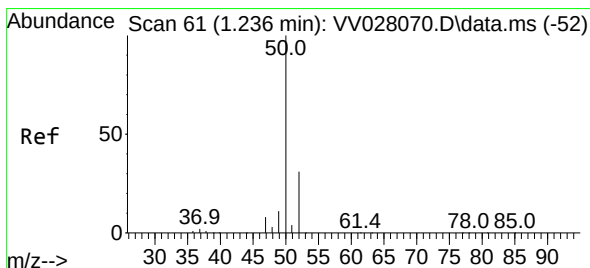
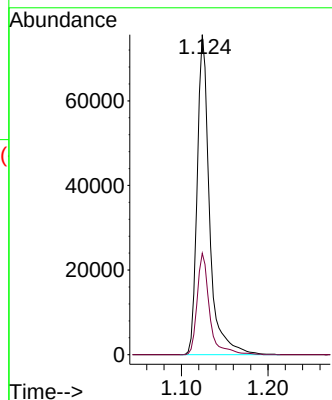
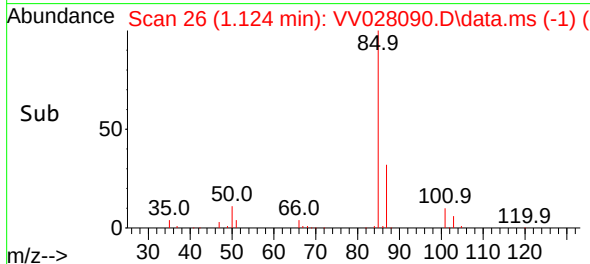


#2
 Dichlorodifluoromethane
 Concen: 5.337 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Instrument :
 MSVOA_V
 ClientSampleId :

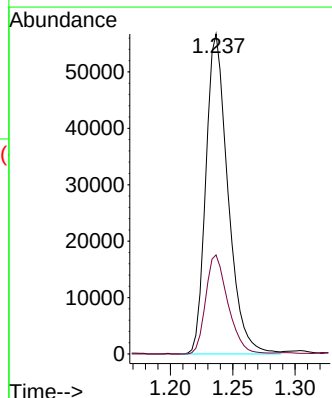
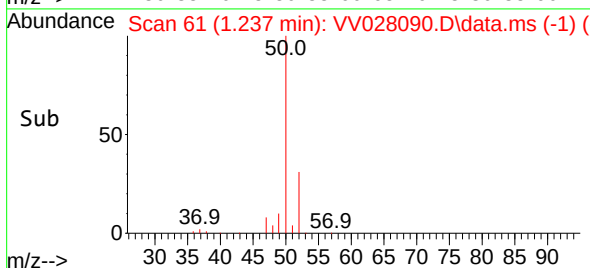
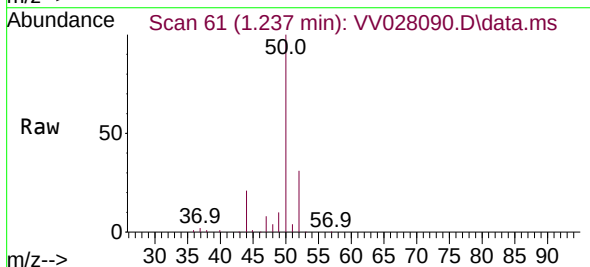


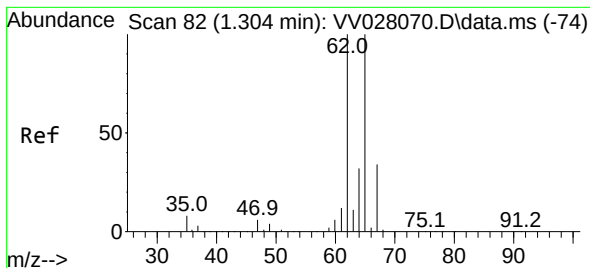
Tgt Ion: 85 Resp: 74821
 Ion Ratio Lower Upper
 85 100
 87 32.1 22.8 34.2



#3
 Chloromethane
 Concen: 3.770 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Tgt Ion: 50 Resp: 70001
 Ion Ratio Lower Upper
 50 100
 52 31.0 24.4 45.2





#5

Vinyl chloride

Concen: 5.269 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

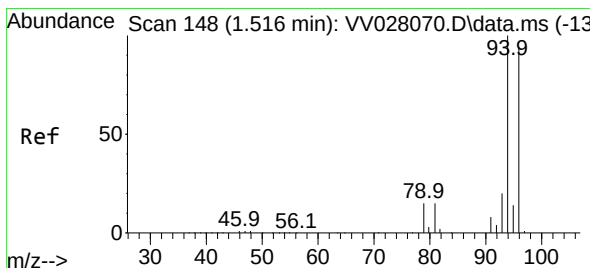
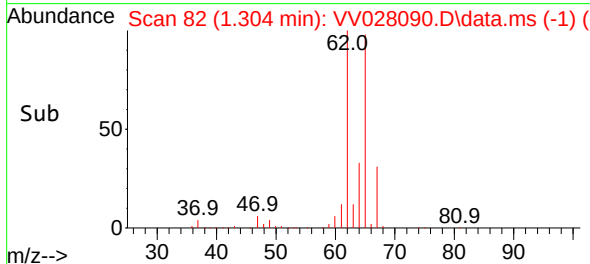
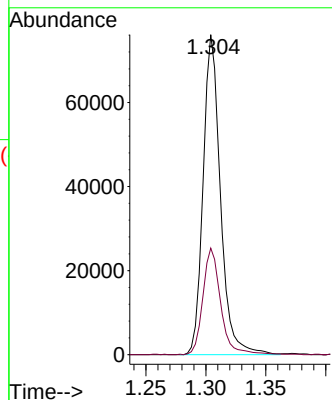
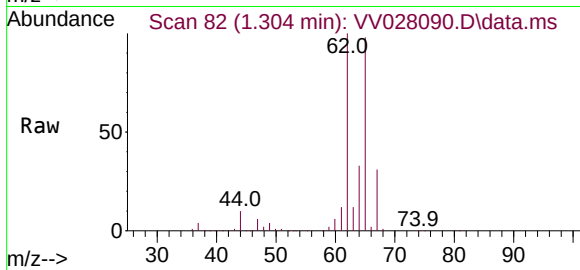
ClientSampleId :

Tgt Ion: 62 Resp: 76689

Ion Ratio Lower Upper

62 100

64 33.3 23.0 42.8



#6

Bromomethane

Concen: 5.170 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028090.D

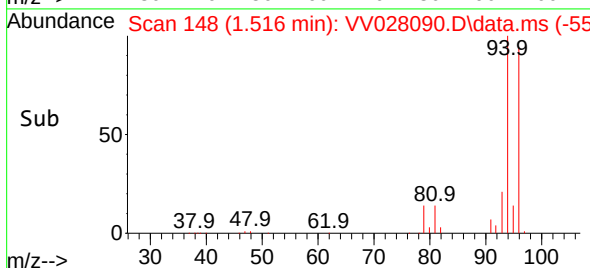
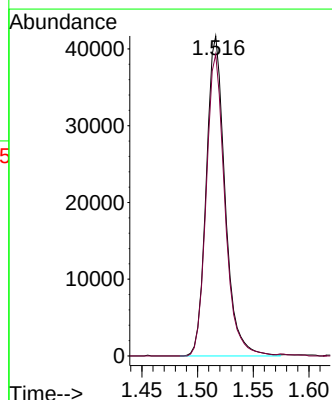
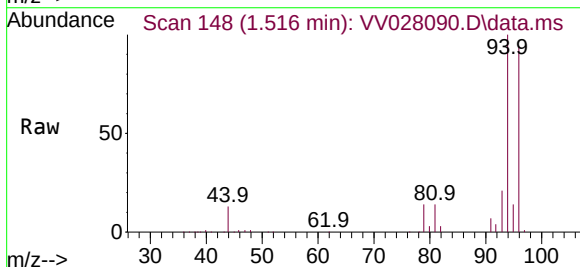
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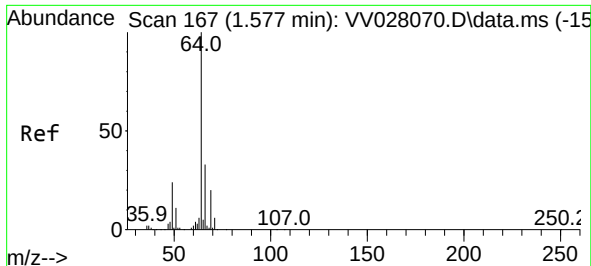
Tgt Ion: 94 Resp: 49009

Ion Ratio Lower Upper

94 100

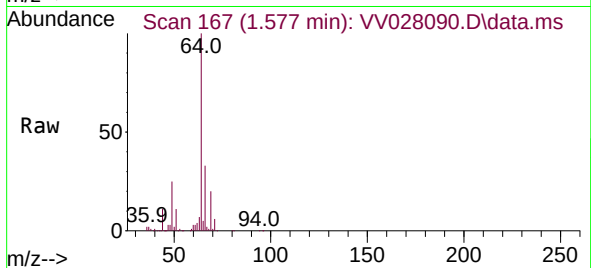
96 94.2 66.7 123.9



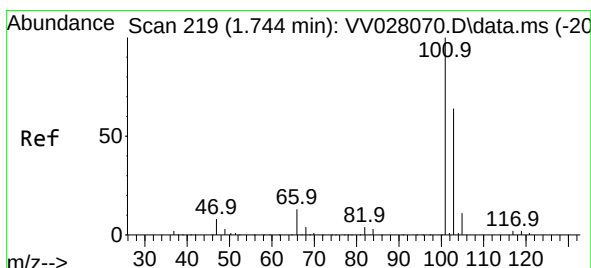
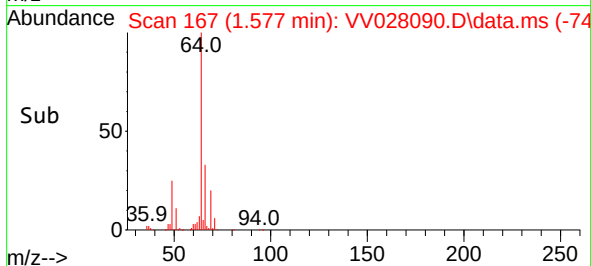
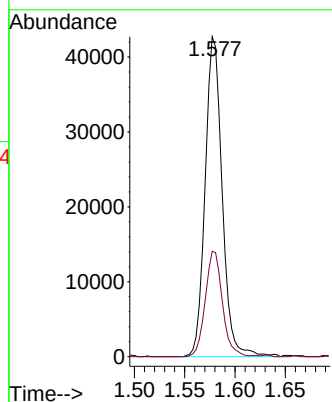


#8
Chloroethane
Concen: 5.165 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :

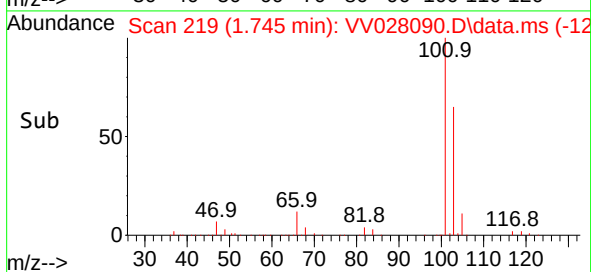
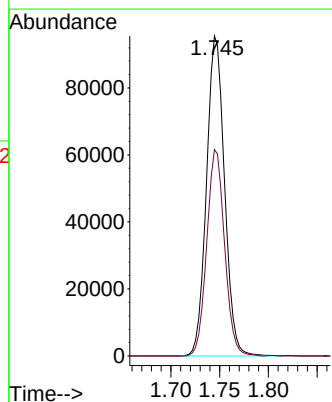
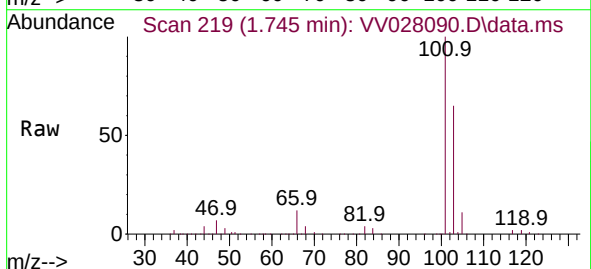


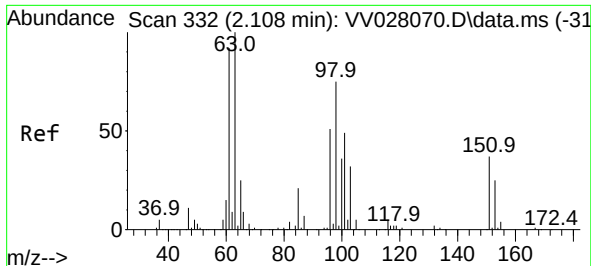
Tgt Ion: 64 Resp: 50415
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.318 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 101 Resp: 122899
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

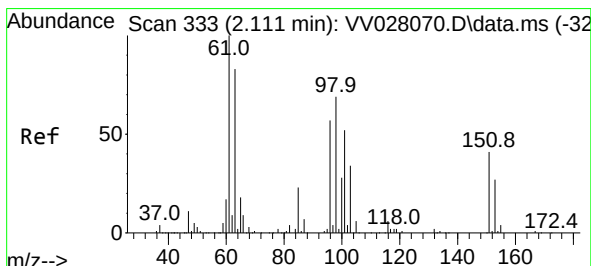
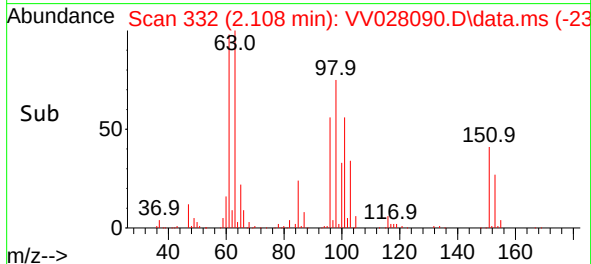
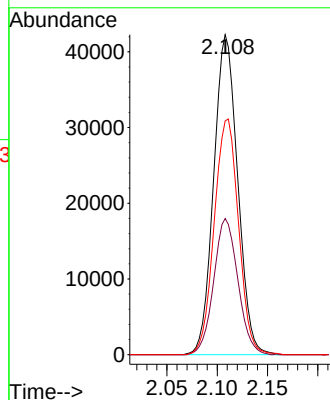
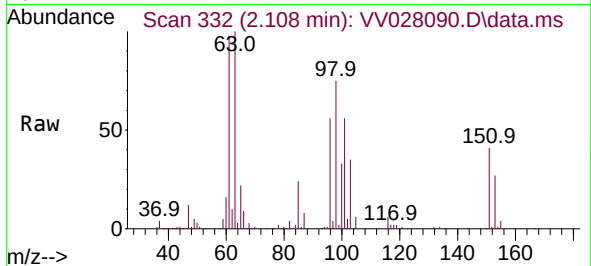




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.260 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

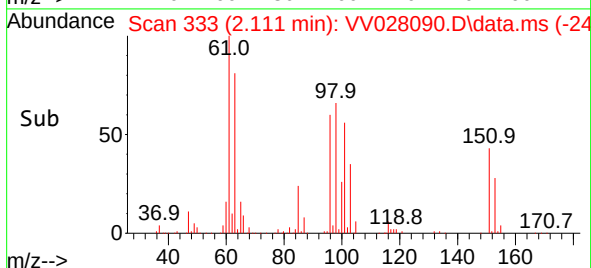
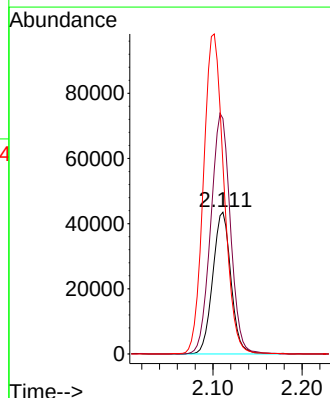
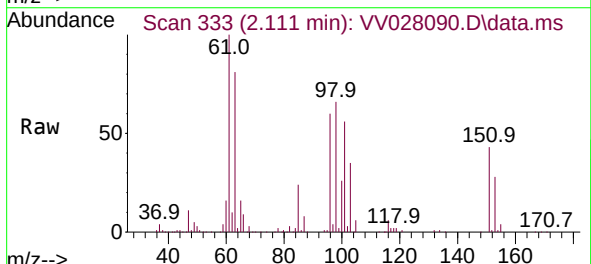
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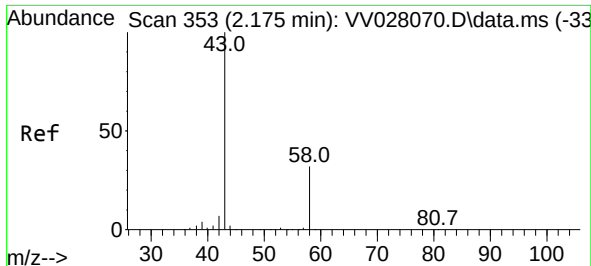
Tgt Ion:101 Resp: 70059
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 74.9 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.766 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Tgt Ion: 96 Resp: 61830
 Ion Ratio Lower Upper
 96 100
 61 166.0 128.3 238.3
 63 133.9 112.7 209.3





#13

Acetone

Concen: 43.068 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.007 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

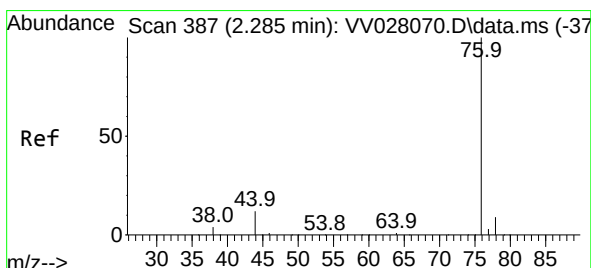
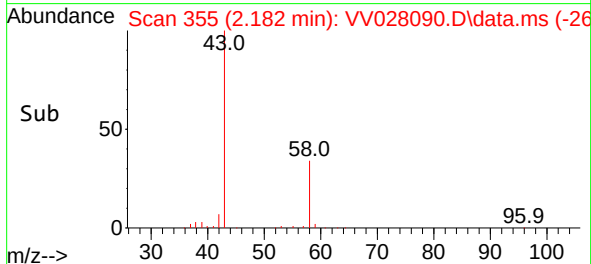
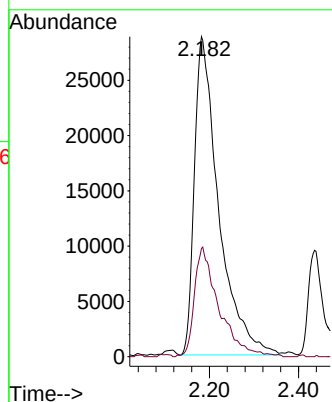
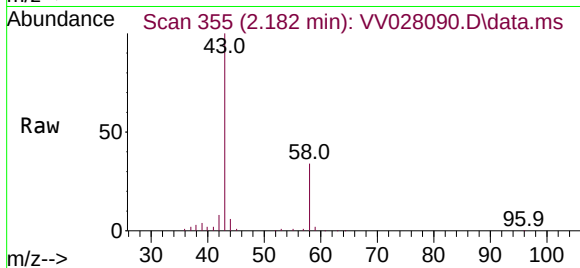
ClientSampleId :

Tgt Ion: 43 Resp: 108986

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.6



#14

Carbon disulfide

Concen: 4.976 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028090.D

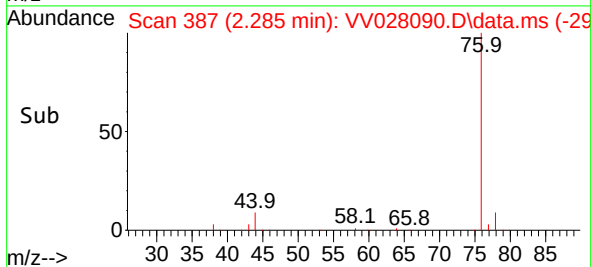
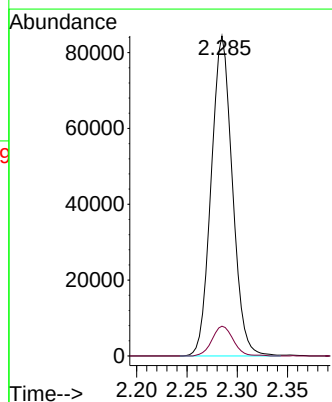
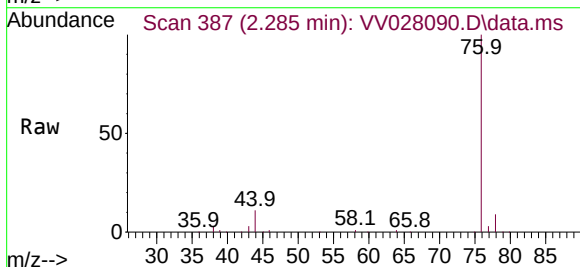
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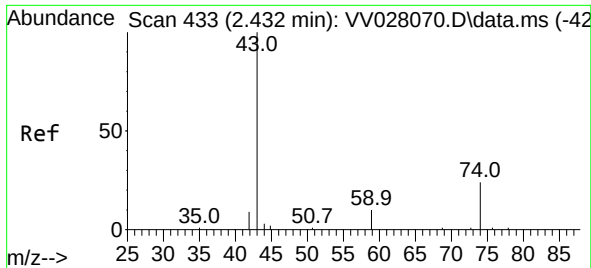
Tgt Ion: 76 Resp: 123876

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

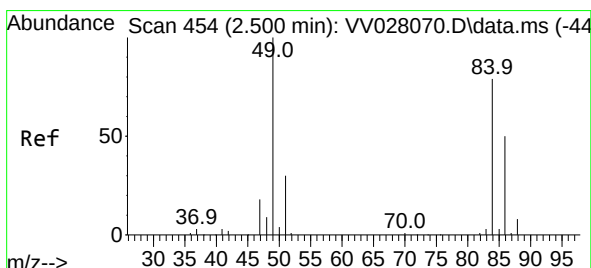
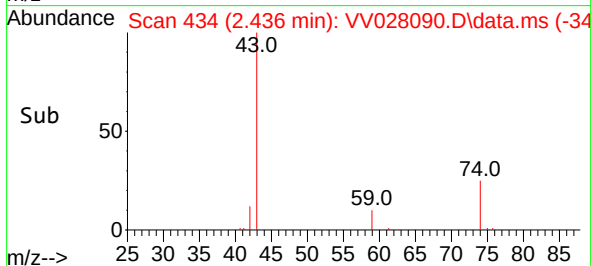
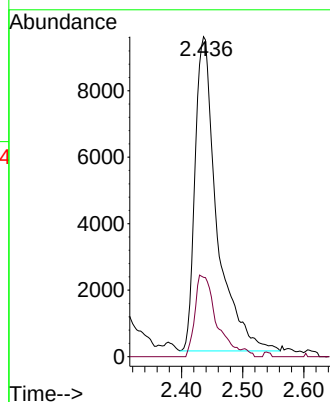
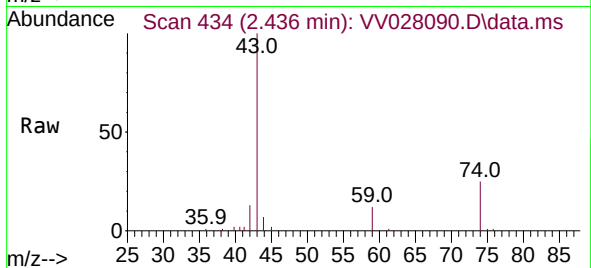




#15
Methyl Acetate
Concen: 4.790 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

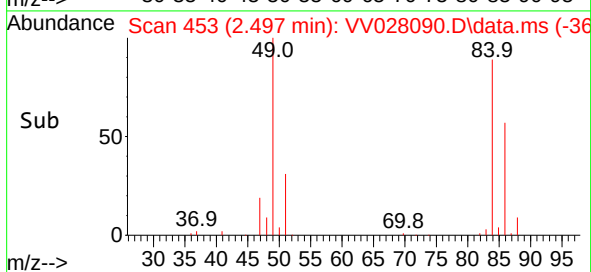
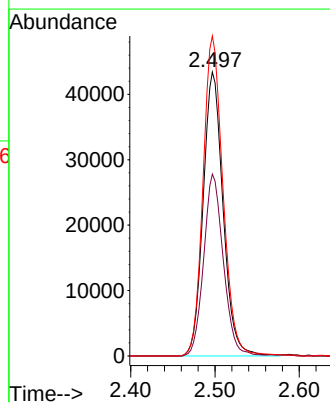
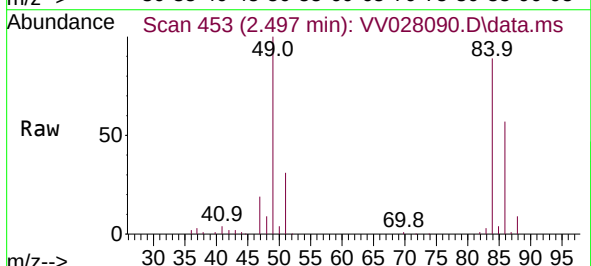
Instrument :
MSVOA_V
ClientSampleId :

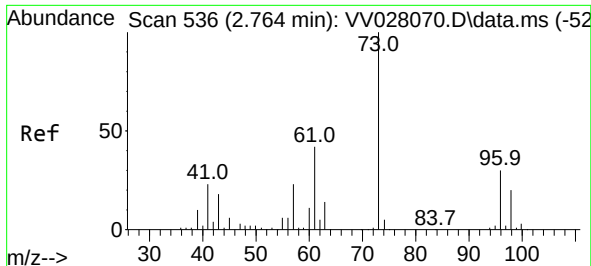
Tgt Ion: 43 Resp: 23532
Ion Ratio Lower Upper
43 100
74 25.1 16.9 25.3



#16
Methylene chloride
Concen: 4.936 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 84 Resp: 71476
Ion Ratio Lower Upper
84 100
86 64.1 46.8 86.8
49 112.7 87.5 162.5





#17

Methyl tert-butyl Ether

Concen: 4.882 ug/L

RT: 2.761 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

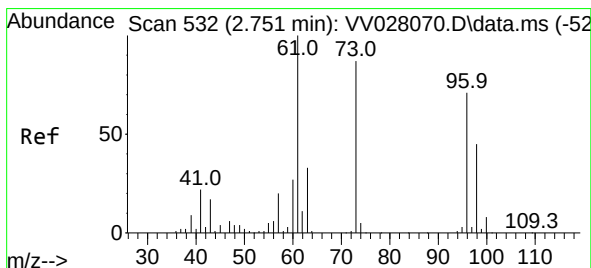
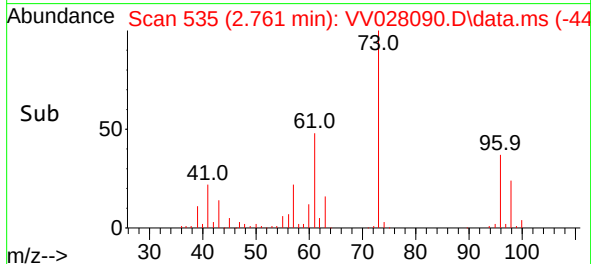
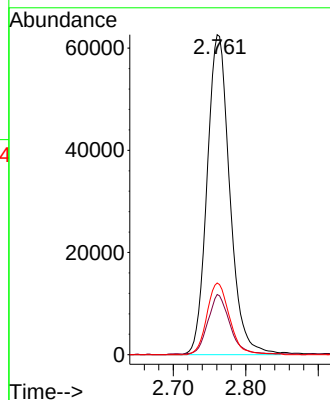
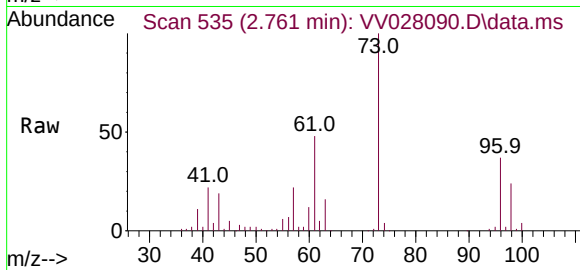
Tgt Ion: 73 Resp: 136242

Ion Ratio Lower Upper

73 100

43 17.8 15.7 23.5

57 22.4 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.195 ug/L

RT: 2.751 min Scan# 532

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

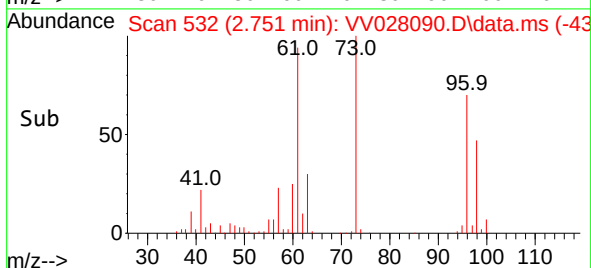
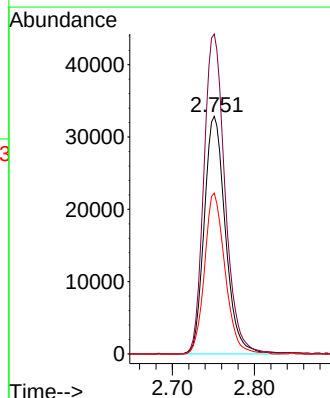
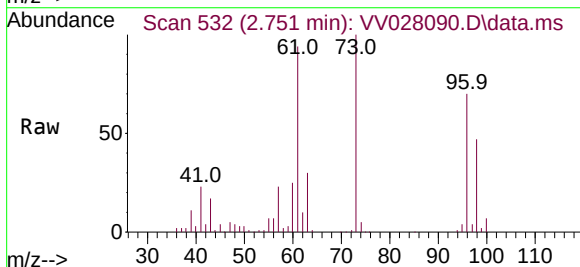
Tgt Ion: 96 Resp: 58996

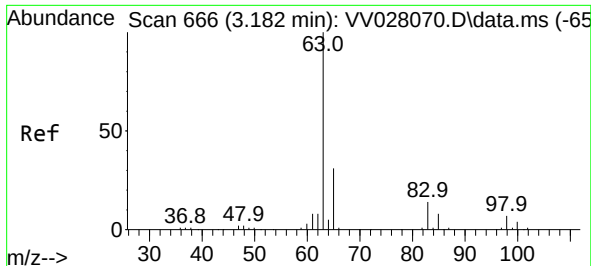
Ion Ratio Lower Upper

96 100

61 134.7 96.2 178.6

98 67.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.098 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

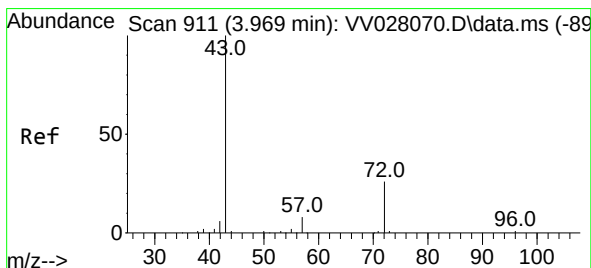
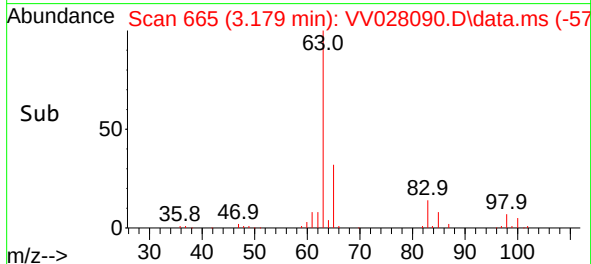
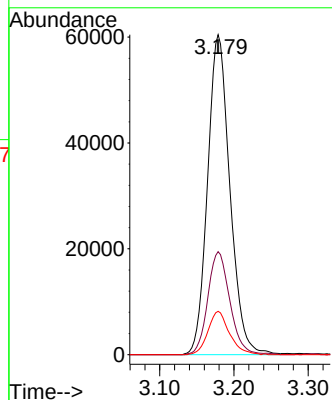
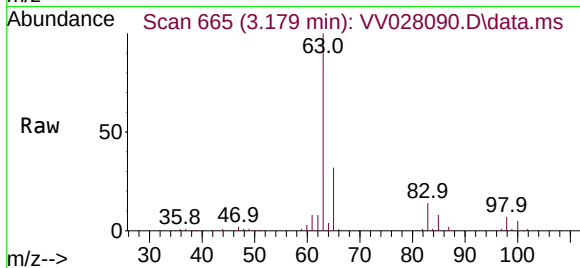
Tgt Ion: 63 Resp: 126292

Ion Ratio Lower Upper

63 100

65 32.2 23.0 42.8

83 13.6 9.2 17.2



#21

2-Butanone

Concen: 45.326 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.007 min

Lab File: VV028090.D

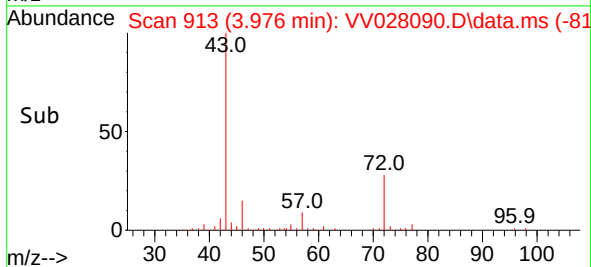
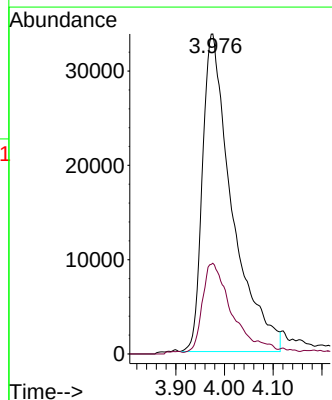
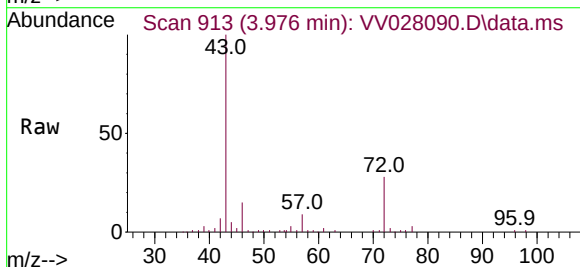
Acq: 23 Sep 2022 09:38

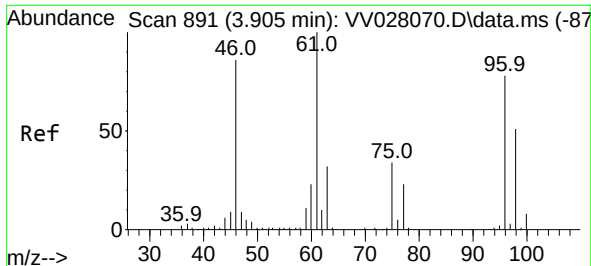
Tgt Ion: 43 Resp: 142005

Ion Ratio Lower Upper

43 100

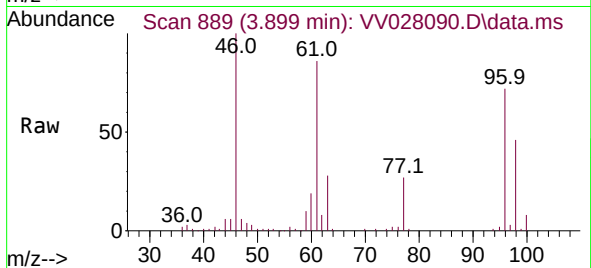
72 26.2 12.7 38.1





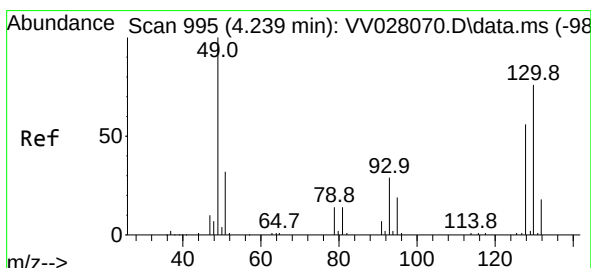
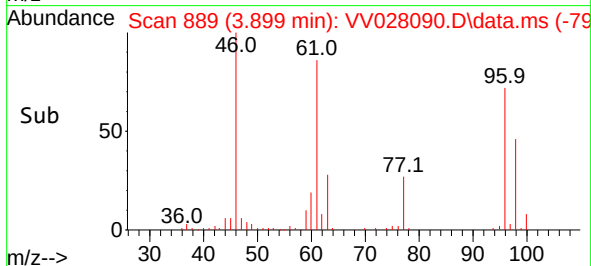
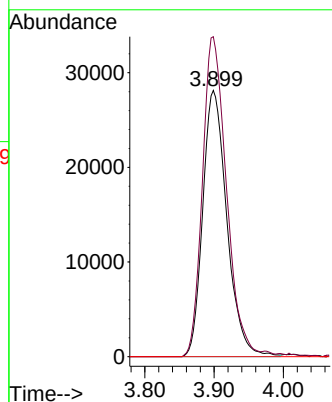
#22
 cis-1,2-Dichloroethene
 Concen: 4.565 ug/L
 RT: 3.899 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 68026

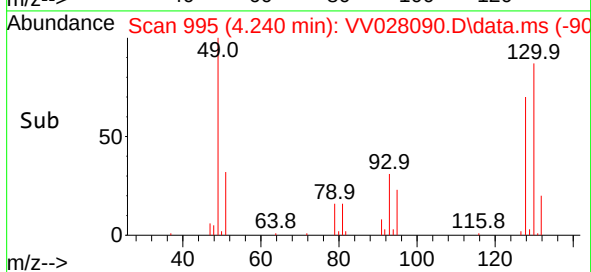
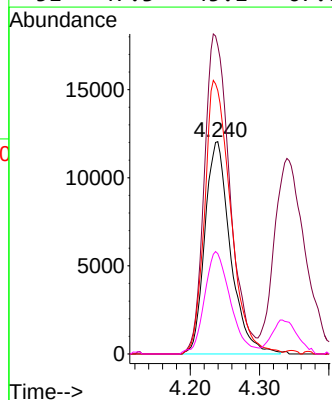
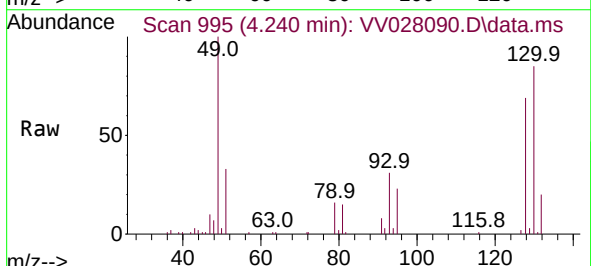
Ion	Ratio	Lower	Upper
96	100		
61	120.2	87.2	161.9
68	0.0	0.0	0.0

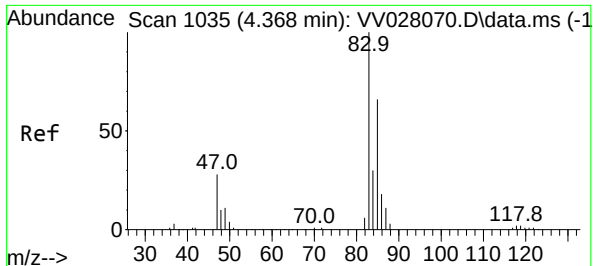


#23
 Bromochloromethane
 Concen: 5.165 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Tgt Ion: 128 Resp: 30815

Ion	Ratio	Lower	Upper
128	100		
49	145.2	119.9	222.7
130	124.0	94.6	175.8
51	47.3	45.1	67.7

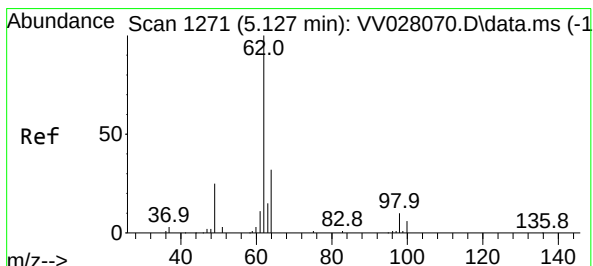
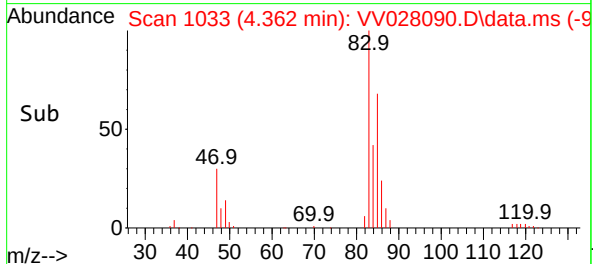
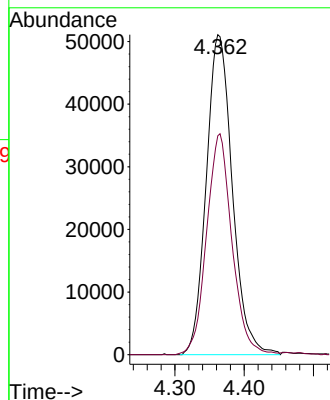
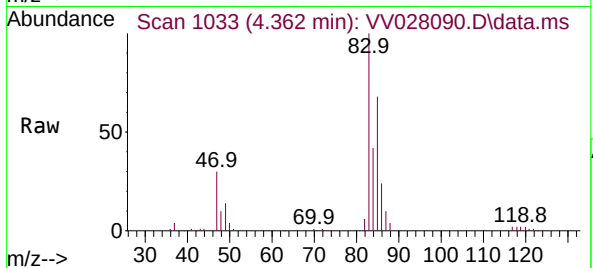




#25
Chloroform
Concen: 5.032 ug/L
RT: 4.362 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

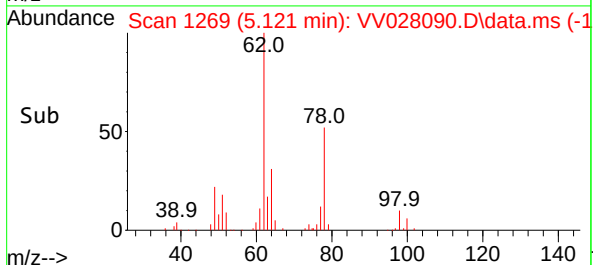
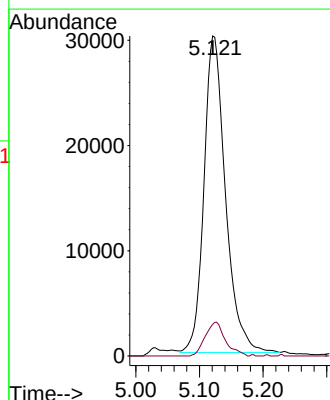
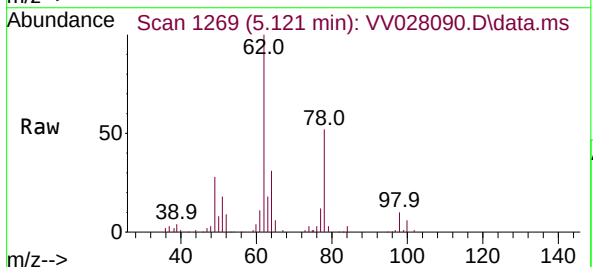
Instrument :
MSVOA_V
ClientSampleId :

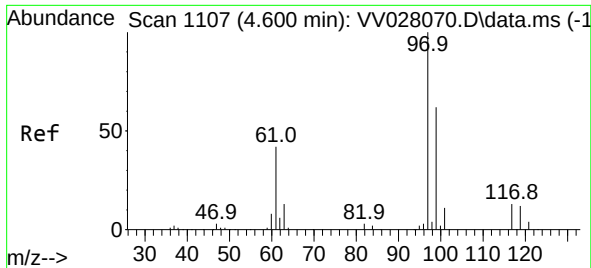
Tgt Ion: 83 Resp: 133760
Ion Ratio Lower Upper
83 100
85 68.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 4.991 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 62 Resp: 70741
Ion Ratio Lower Upper
62 100
98 9.9 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 4.920 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

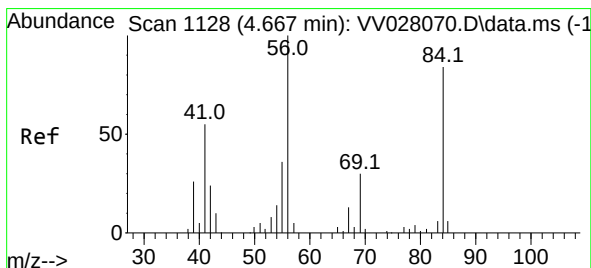
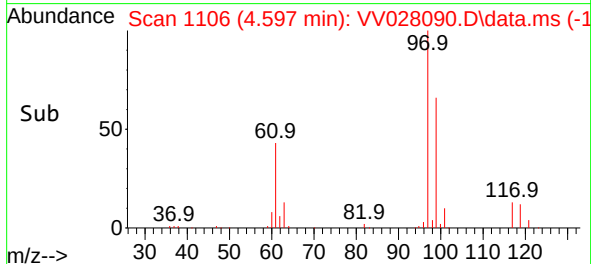
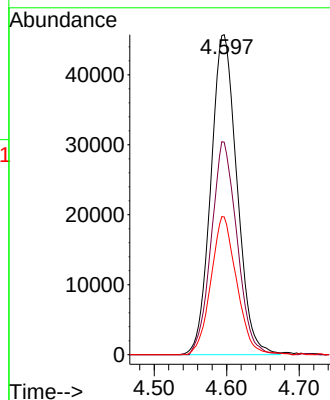
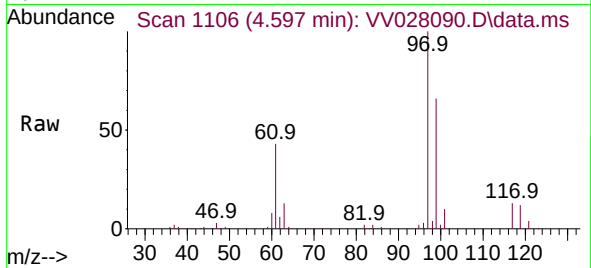
Tgt Ion: 97 Resp: 114455

Ion Ratio Lower Upper

97 100

99 65.7 51.9 77.9

61 42.6 34.8 52.2



#30

Cyclohexane

Concen: 4.540 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

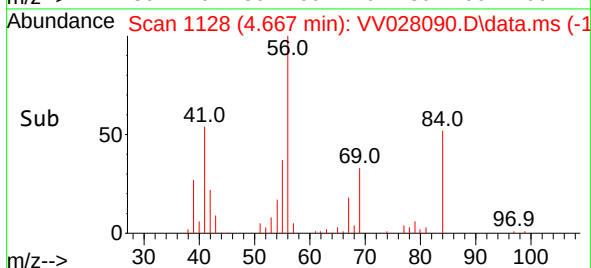
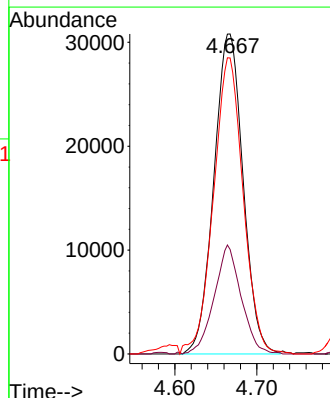
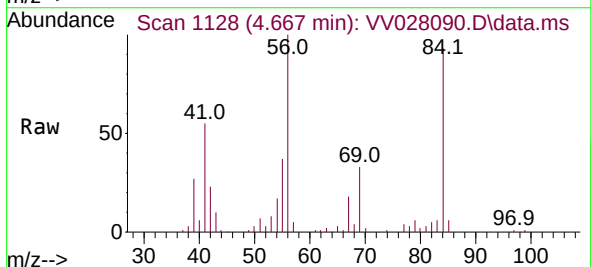
Tgt Ion: 56 Resp: 76378

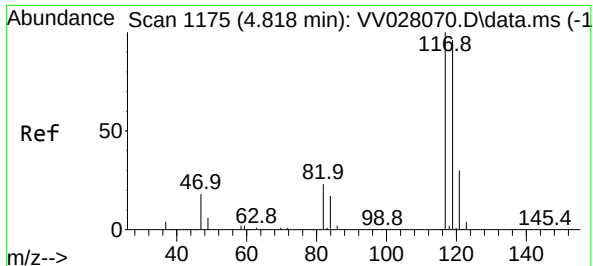
Ion Ratio Lower Upper

56 100

69 31.5 23.7 35.5

84 93.9 67.3 100.9

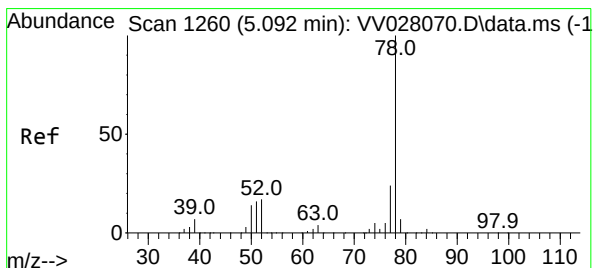
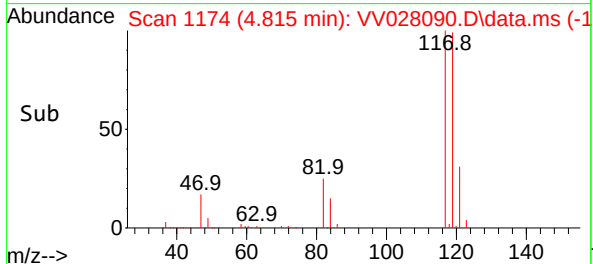
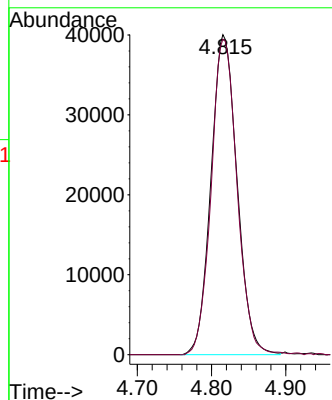
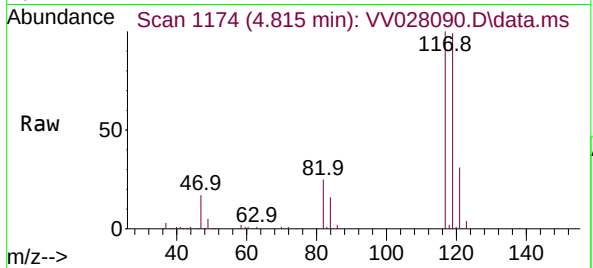




#31
Carbon tetrachloride
Concen: 5.104 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

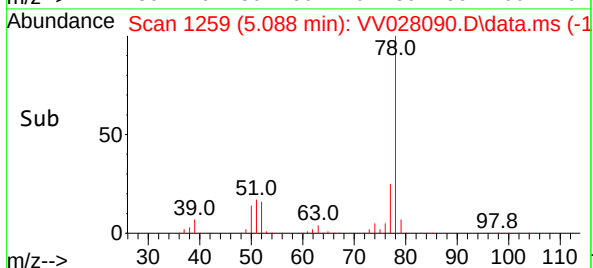
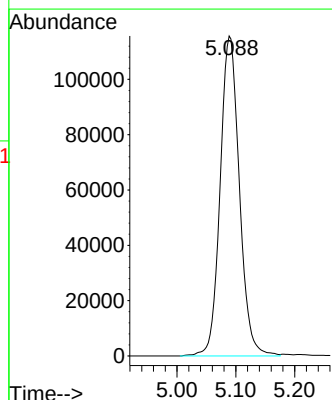
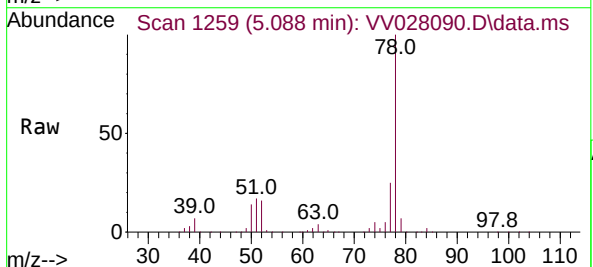
Instrument :
MSVOA_V
ClientSampleId :

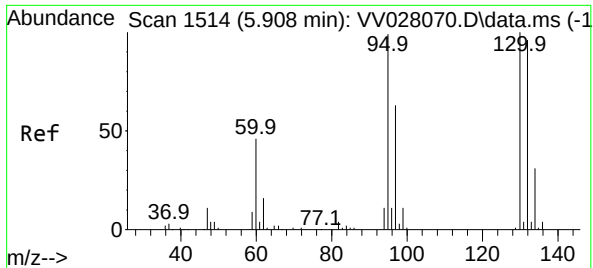
Tgt Ion:117 Resp: 97706
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3



#33
Benzene
Concen: 5.002 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 78 Resp: 262984

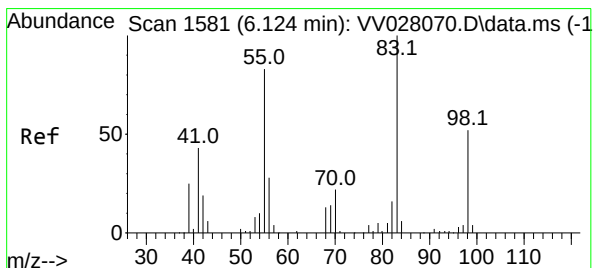
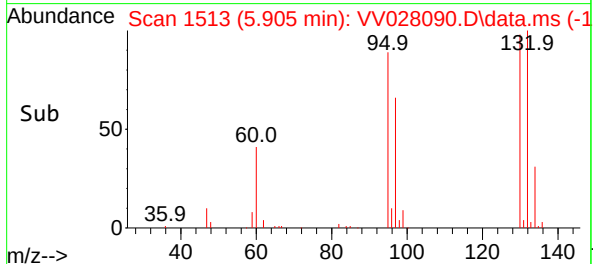
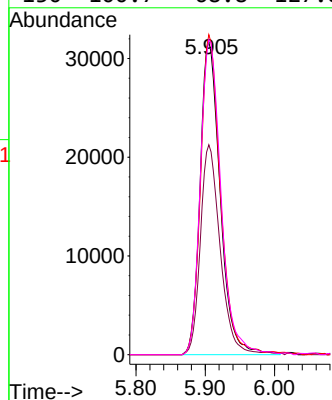
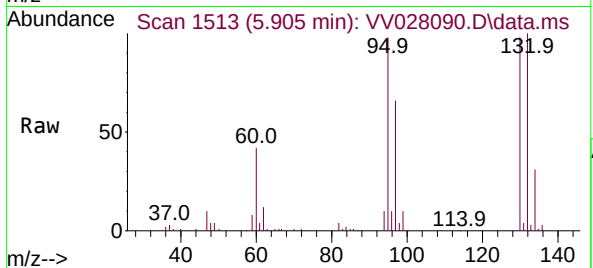




#34
 Trichloroethene
 Concen: 4.869 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. -0.003 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

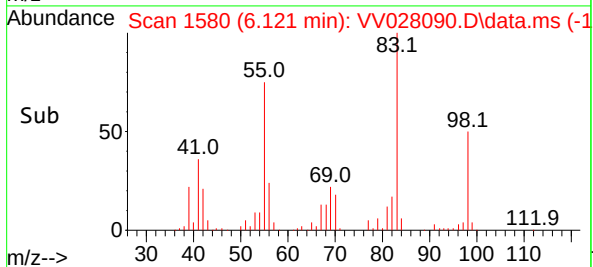
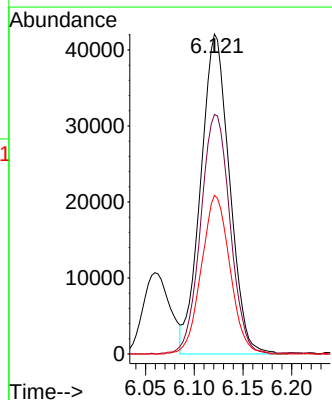
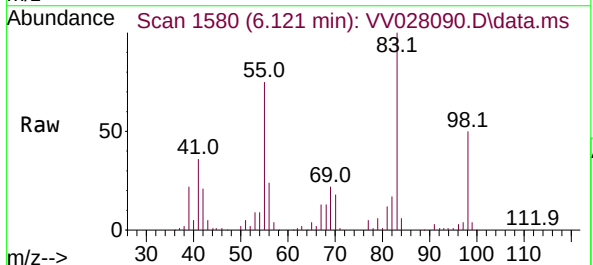
Instrument :
 MSVOA_V
 ClientSampleId :

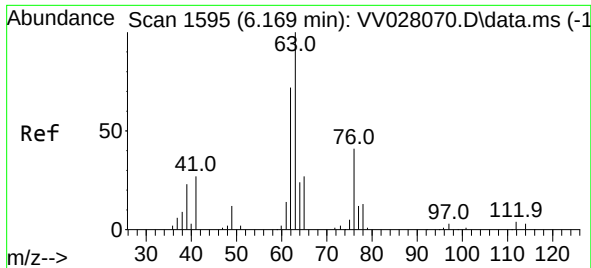
Tgt Ion: 95 Resp: 63718
 Ion Ratio Lower Upper
 95 100
 97 67.1 44.2 82.0
 132 102.3 67.8 126.0
 130 100.7 68.8 127.8



#35
 Methylcyclohexane
 Concen: 4.826 ug/L
 RT: 6.121 min Scan# 1580
 Delta R.T. -0.003 min
 Lab File: VV028090.D
 Acq: 23 Sep 2022 09:38

Tgt Ion: 83 Resp: 86610
 Ion Ratio Lower Upper
 83 100
 55 76.4 64.7 97.1
 98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.708 ug/L

RT: 6.162 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

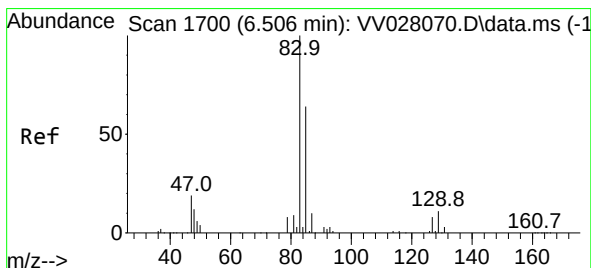
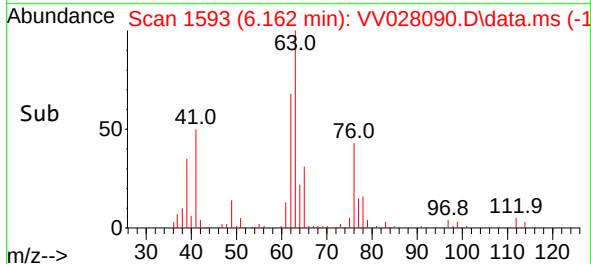
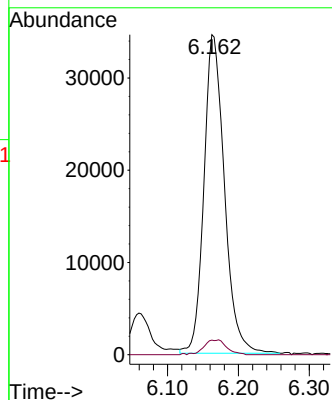
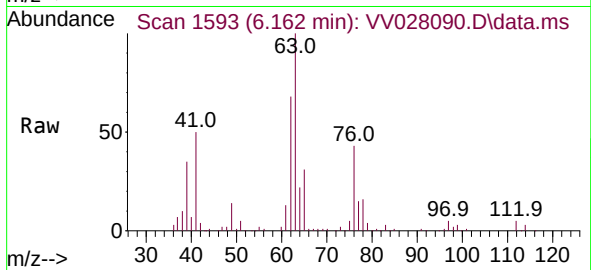
ClientSampleId :

Tgt Ion: 63 Resp: 69381

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 4.951 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

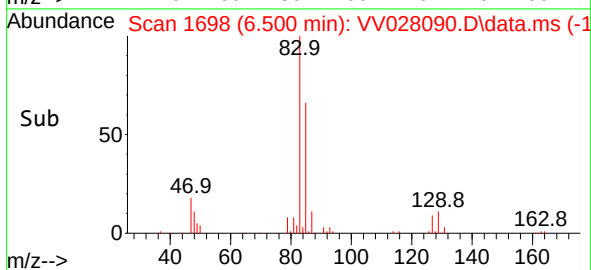
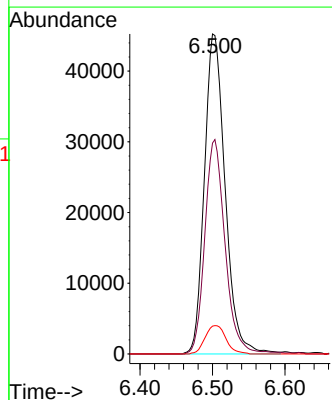
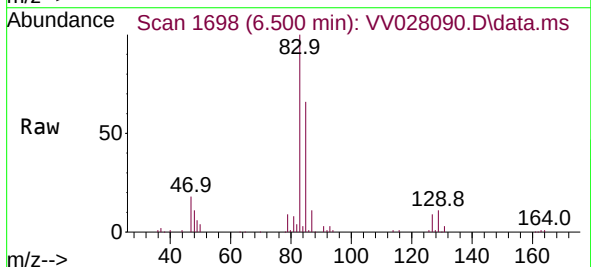
Tgt Ion: 83 Resp: 90087

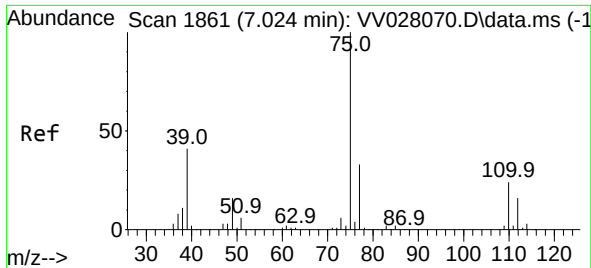
Ion Ratio Lower Upper

83 100

85 65.9 43.8 81.4

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.824 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

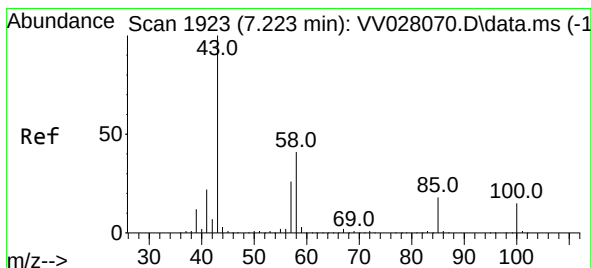
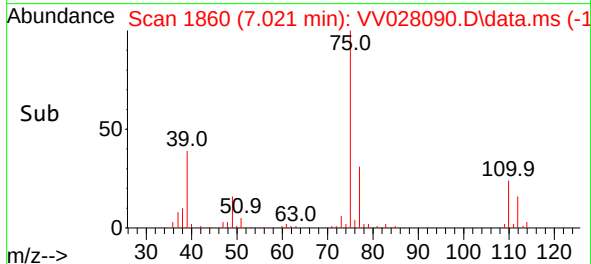
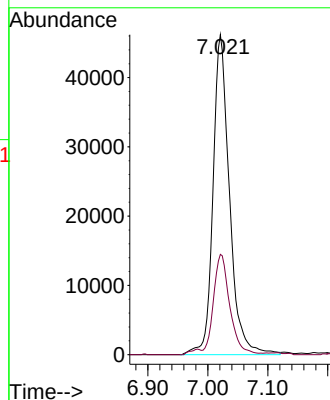
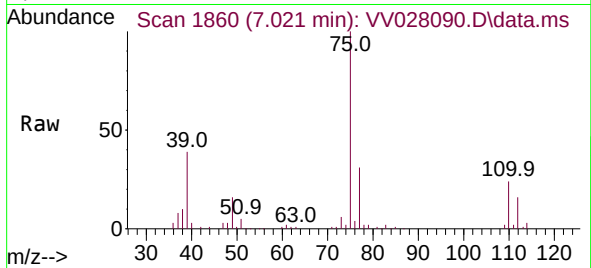
ClientSampleId :

Tgt Ion: 75 Resp: 88305

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 49.378 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

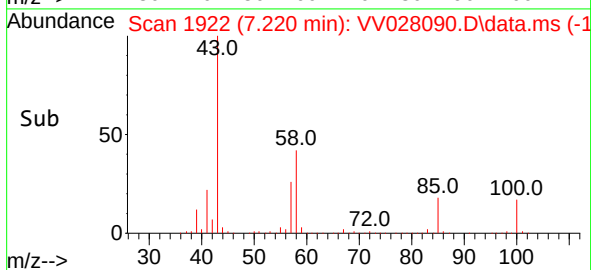
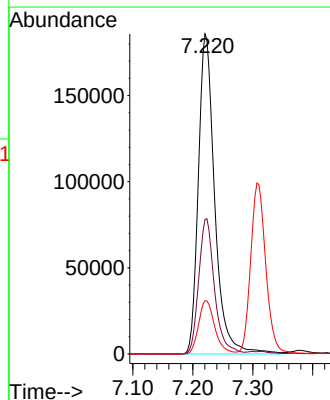
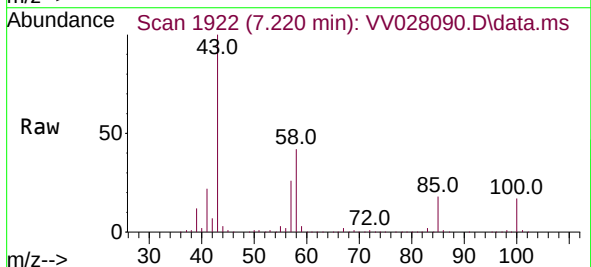
Tgt Ion: 43 Resp: 353395

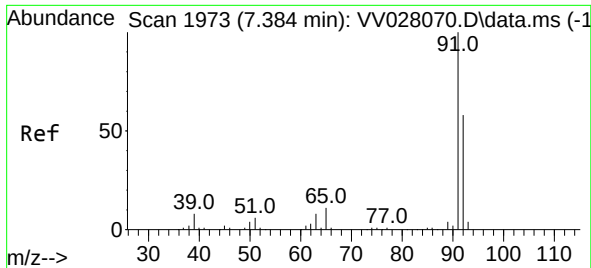
Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.4

100 16.5 12.7 19.1





#42

Toluene

Concen: 5.186 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

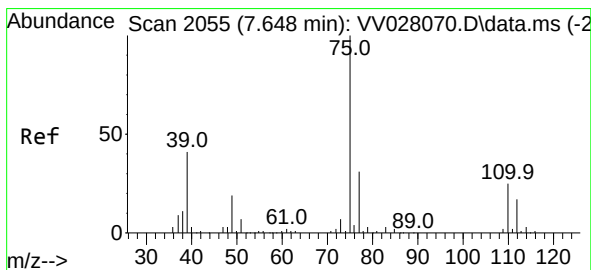
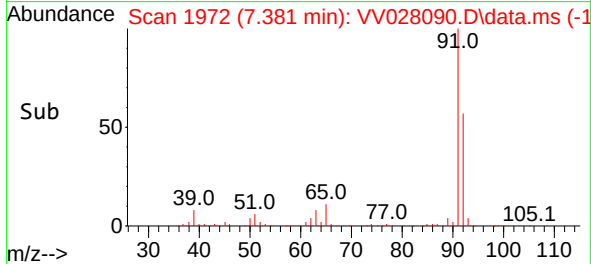
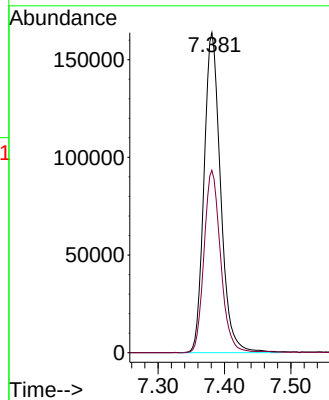
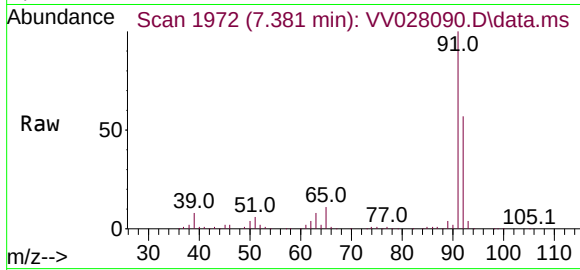
ClientSampleId :

Tgt Ion: 91 Resp: 284367

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.917 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028090.D

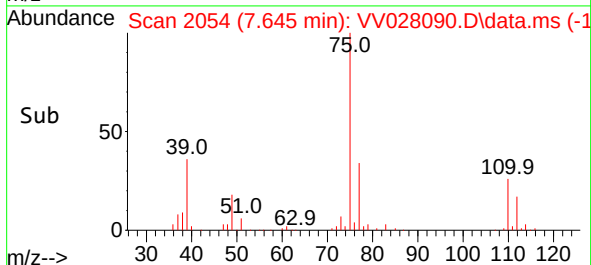
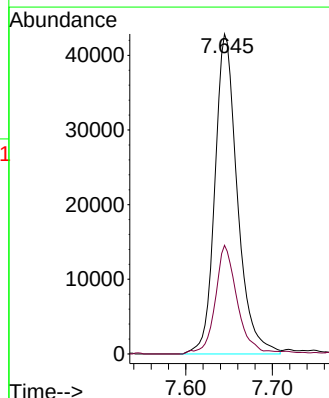
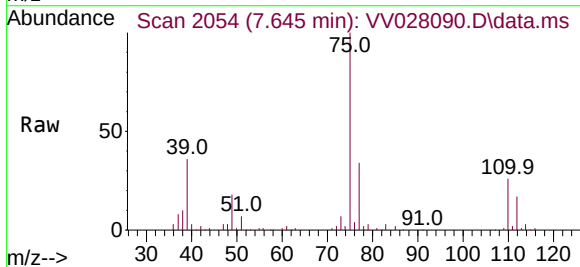
Acq: 23 Sep 2022 09:38

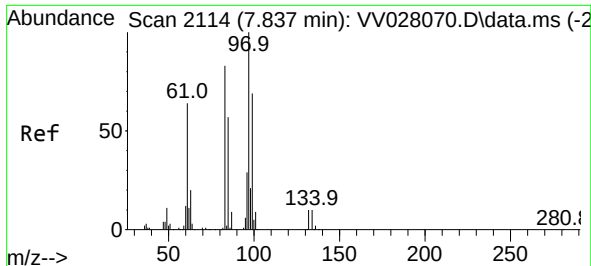
Tgt Ion: 75 Resp: 77422

Ion Ratio Lower Upper

75 100

77 33.9 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 4.980 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

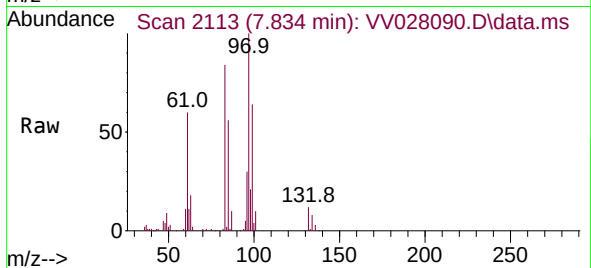
Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 49202

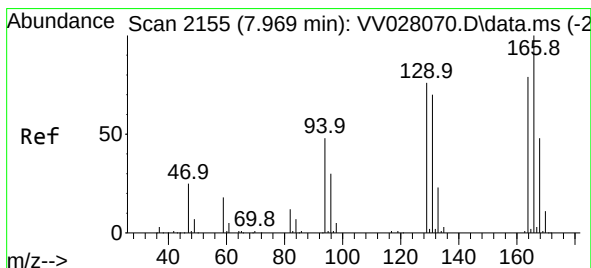
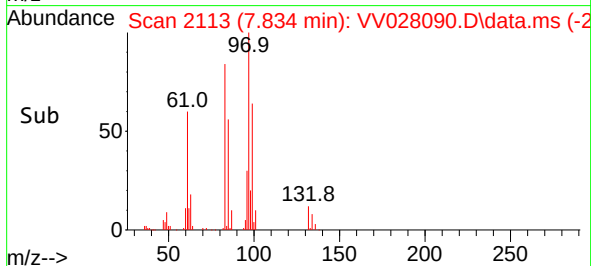
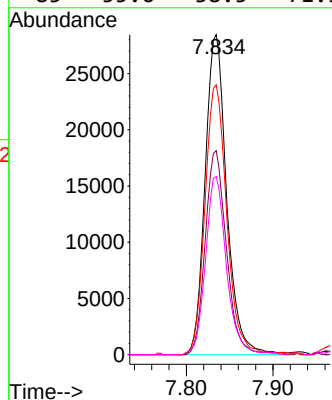
Ion Ratio Lower Upper

97 100

99 63.8 43.2 80.2

83 84.3 59.1 109.9

85 55.6 38.5 71.5



#47

Tetrachloroethene

Concen: 5.190 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Tgt Ion:164 Resp: 54217

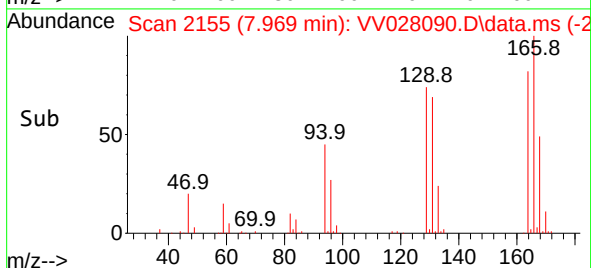
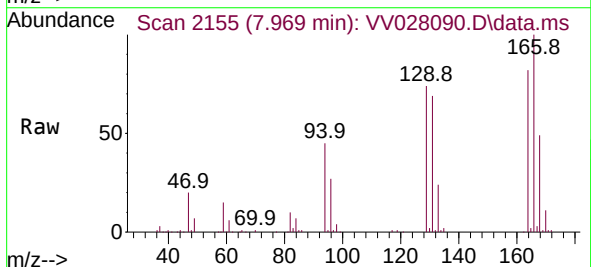
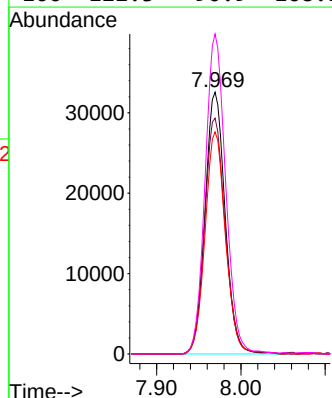
Ion Ratio Lower Upper

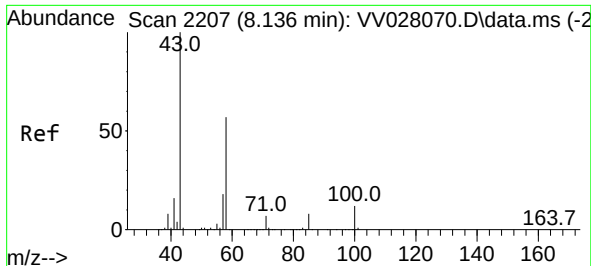
164 100

129 90.1 66.7 123.9

131 84.9 61.7 114.5

166 122.3 90.9 168.9

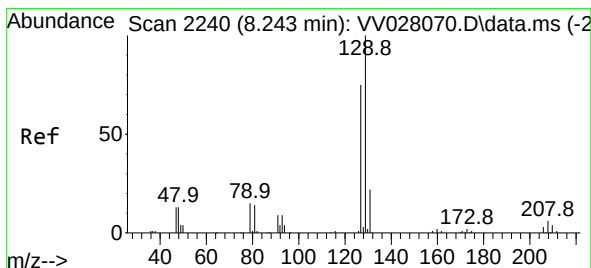
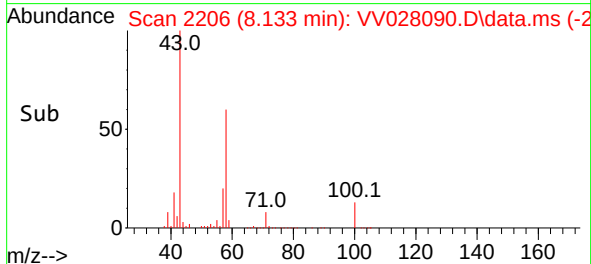
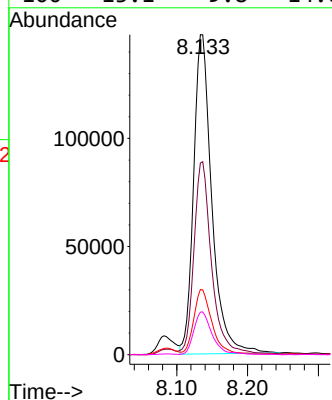
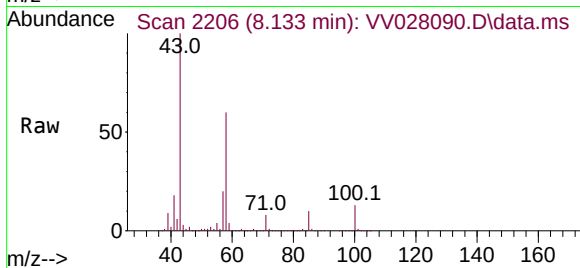




#48
2-Hexanone
Concen: 48.660 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

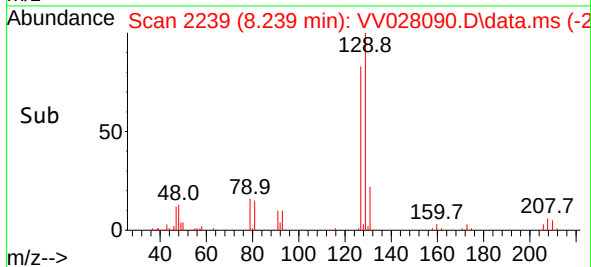
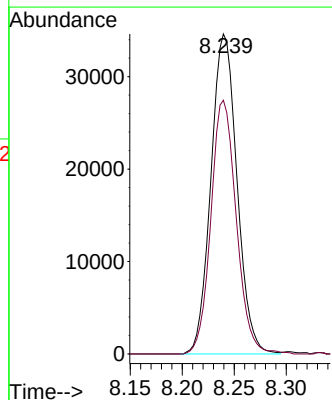
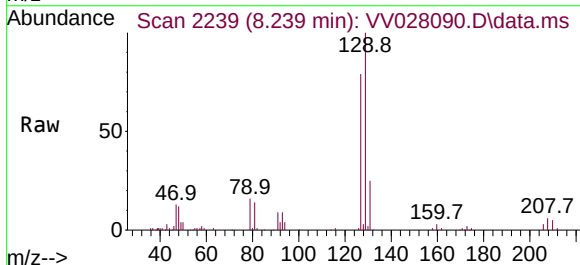
Instrument :
MSVOA_V
ClientSampleId :

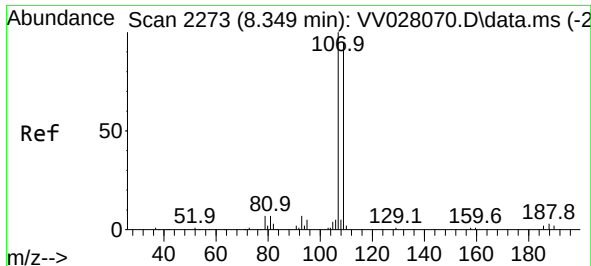
Tgt Ion: 43 Resp: 264380
Ion Ratio Lower Upper
43 100
58 58.4 45.7 68.5
57 20.3 15.5 23.3
100 13.1 9.8 14.6



#49
Dibromochloromethane
Concen: 5.086 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion:129 Resp: 60416
Ion Ratio Lower Upper
129 100
127 79.3 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.882 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

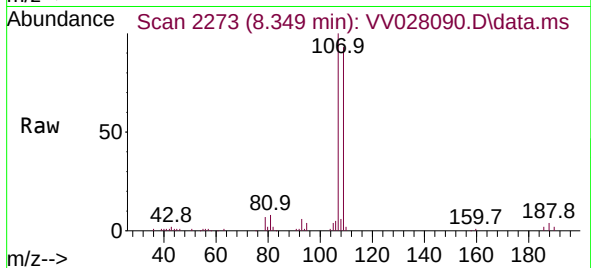
Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :



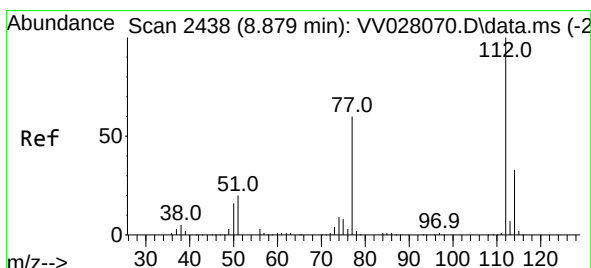
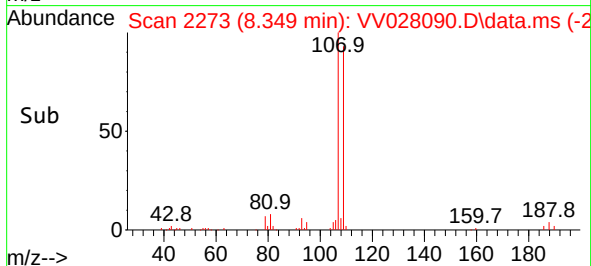
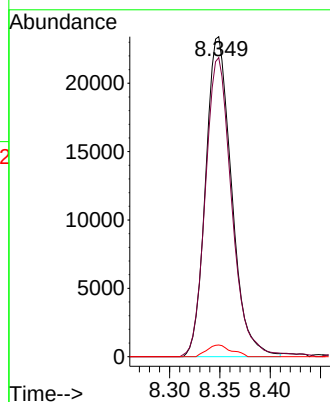
Tgt Ion:107 Resp: 41915

Ion Ratio Lower Upper

107 100

109 93.5 65.9 122.5

188 3.7 3.4 5.0



#51

Chlorobenzene

Concen: 5.008 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

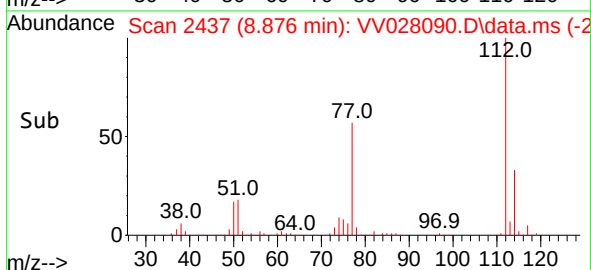
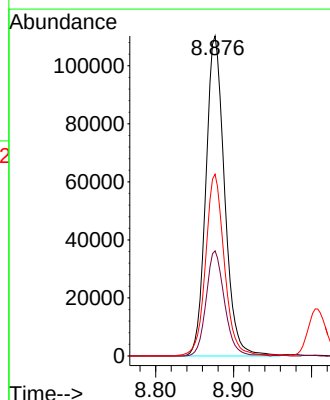
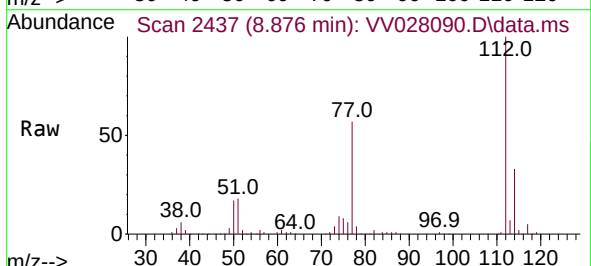
Tgt Ion:112 Resp: 184212

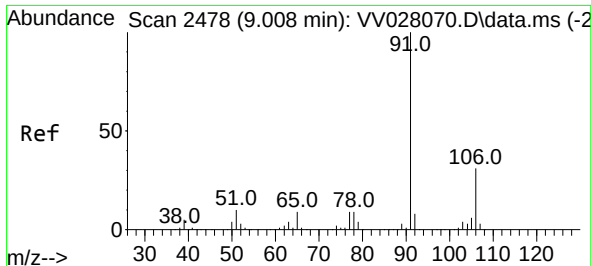
Ion Ratio Lower Upper

112 100

114 32.9 22.5 41.7

77 56.8 46.1 69.1

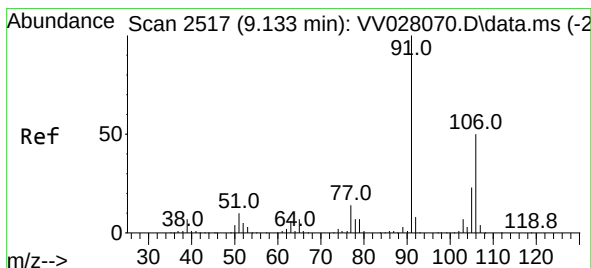
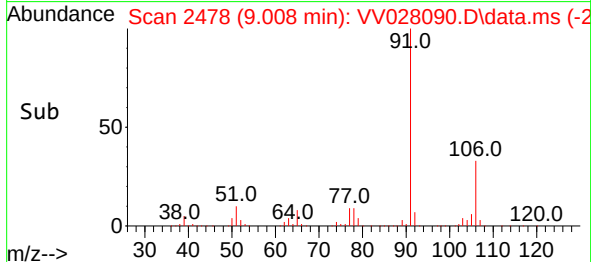
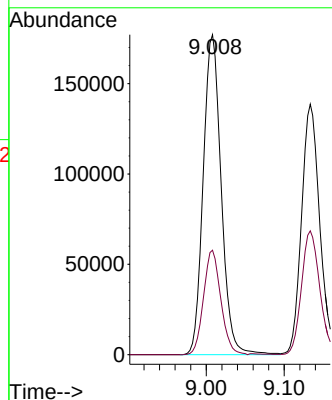
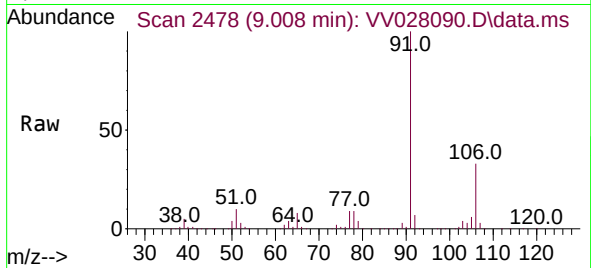




#52
Ethylbenzene
Concen: 4.896 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

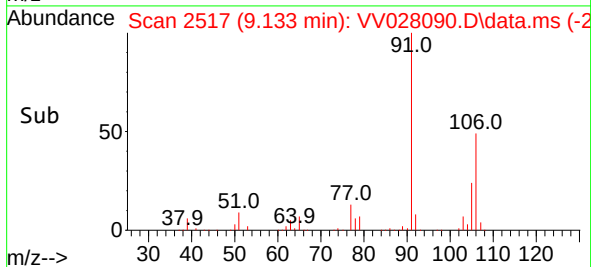
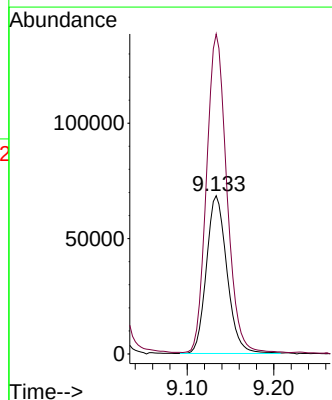
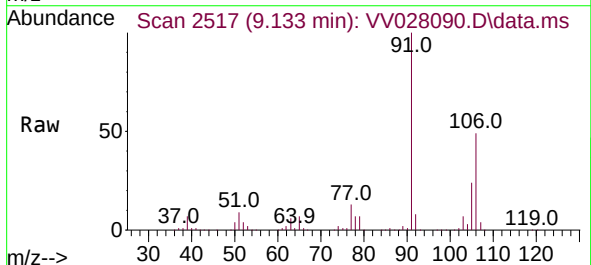
Instrument :
MSVOA_V
ClientSampleId :

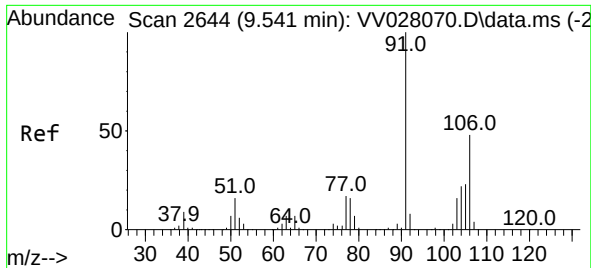
Tgt Ion: 91 Resp: 284039
Ion Ratio Lower Upper
91 100
106 32.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.063 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 106 Resp: 112560
Ion Ratio Lower Upper
106 100
91 202.3 141.9 263.5

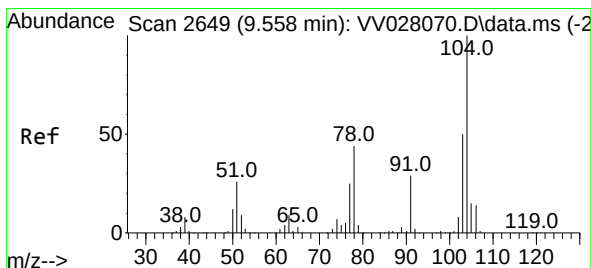
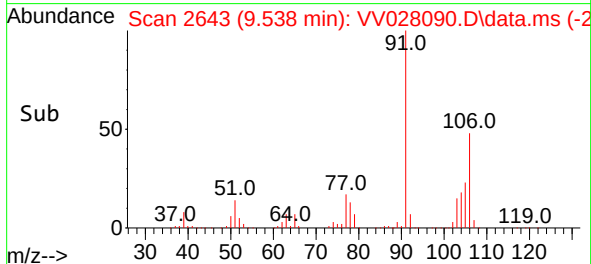
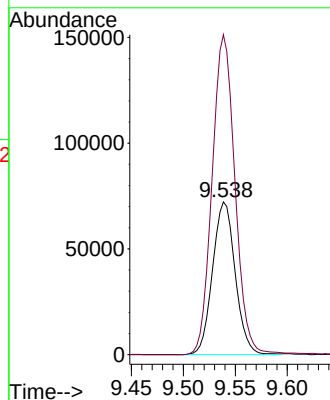
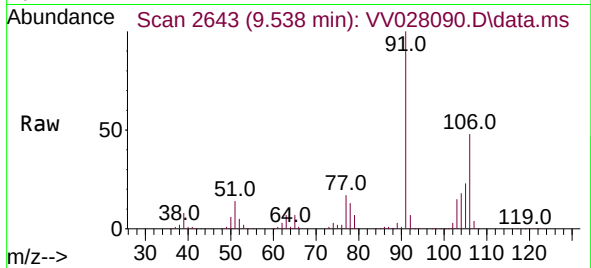




#54
o-Xylene
Concen: 4.985 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

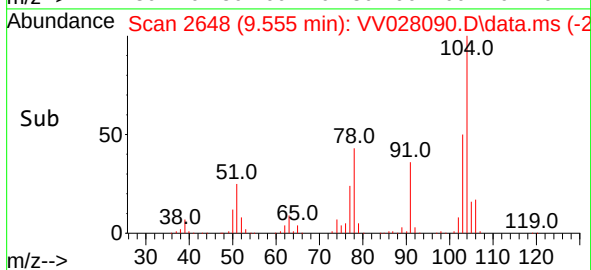
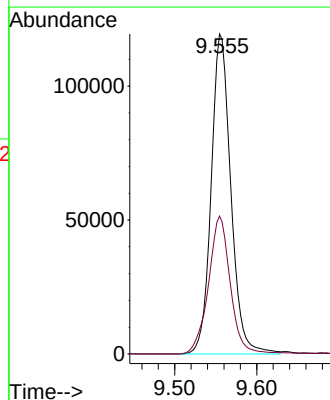
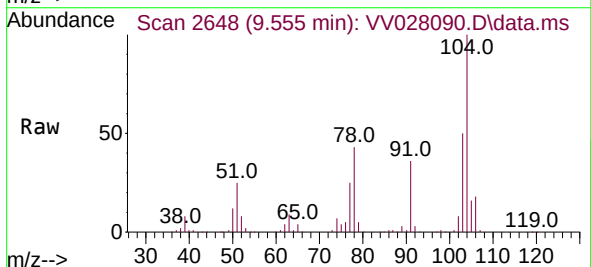
Instrument :
MSVOA_V
ClientSampleId :

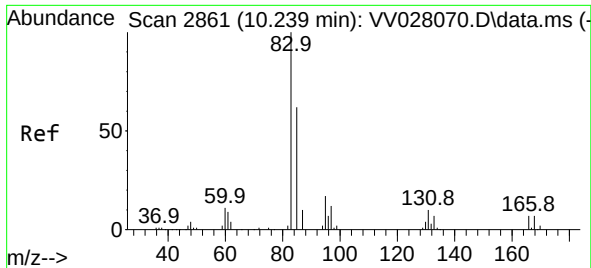
Tgt Ion:106 Resp: 109443
Ion Ratio Lower Upper
106 100
91 209.5 148.1 275.0



#55
Styrene
Concen: 5.224 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion:104 Resp: 198743
Ion Ratio Lower Upper
104 100
78 43.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.023 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV028090.D

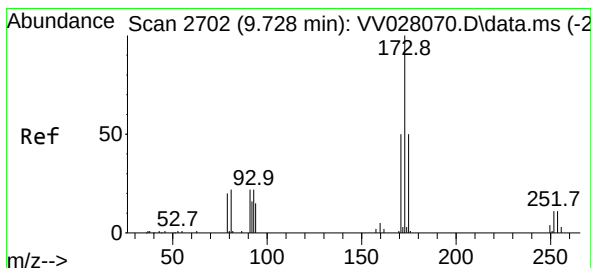
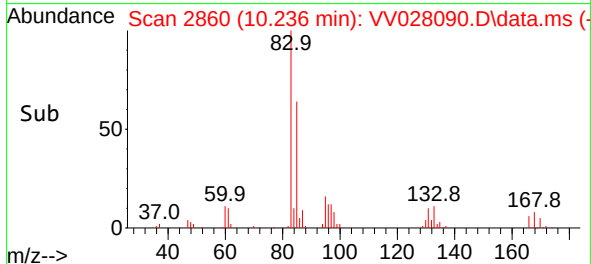
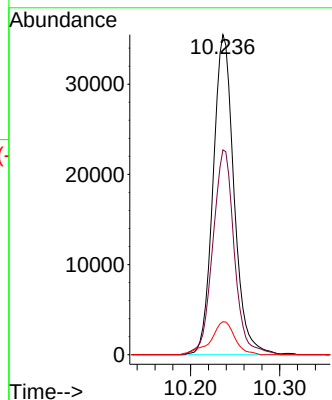
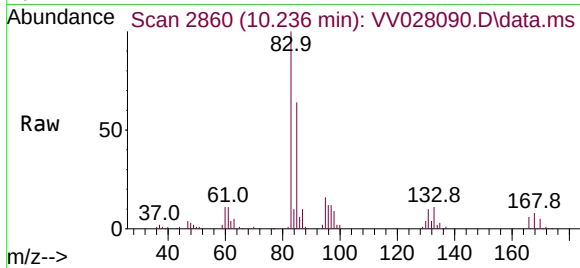
Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	57821
Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.2	84.0
131	10.3	7.8	11.8



#59

Bromoform

Concen: 4.858 ug/L

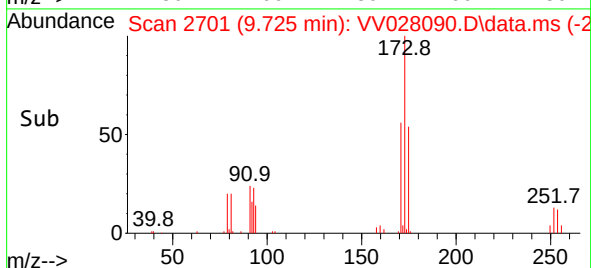
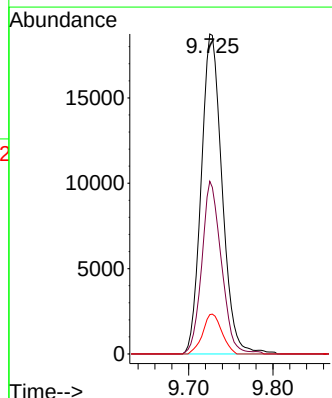
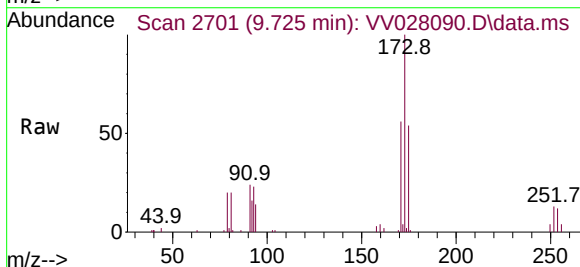
RT: 9.725 min Scan# 2701

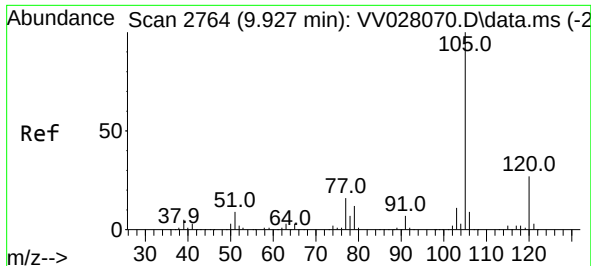
Delta R.T. -0.003 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Tgt Ion:	173	Resp:	32296
Ion	Ratio	Lower	Upper
173	100		
175	50.6	39.0	58.4
254	11.4	8.7	13.1

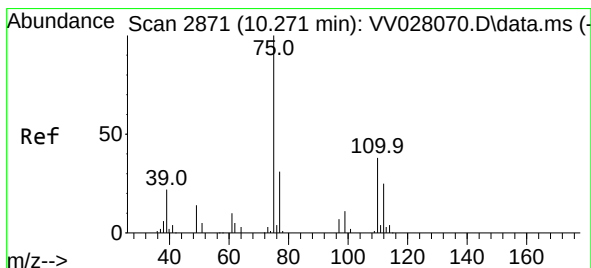
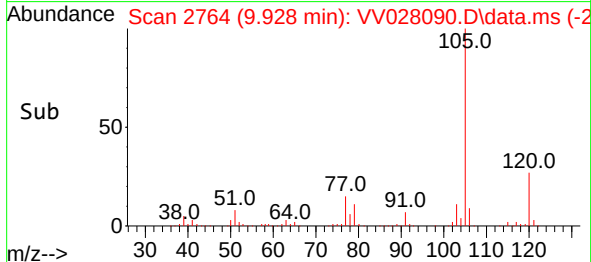
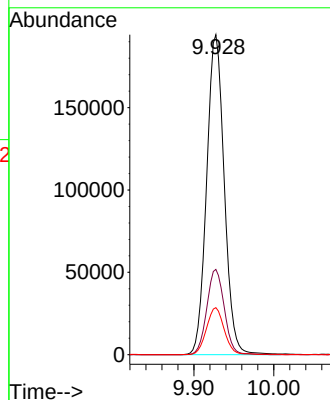
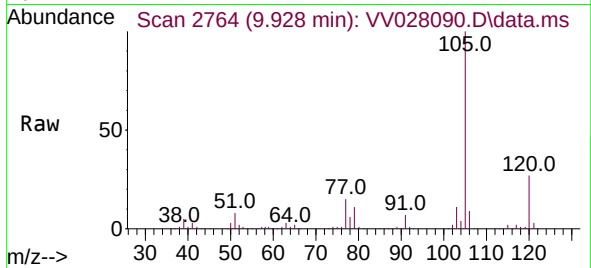




#60
Isopropylbenzene
Concen: 4.851 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

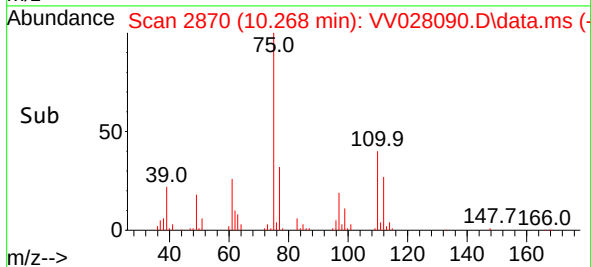
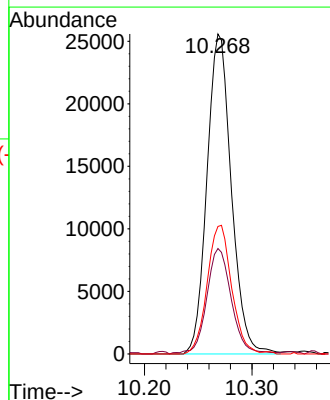
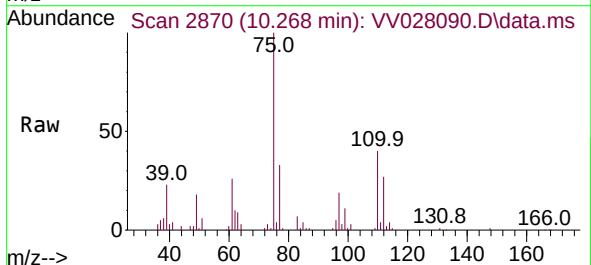
Instrument :
MSVOA_V
ClientSampleId :

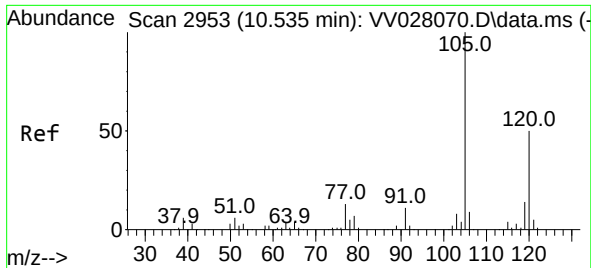
Tgt Ion:105 Resp: 298155
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.587 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 75 Resp: 40284
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 40.3 30.1 45.1

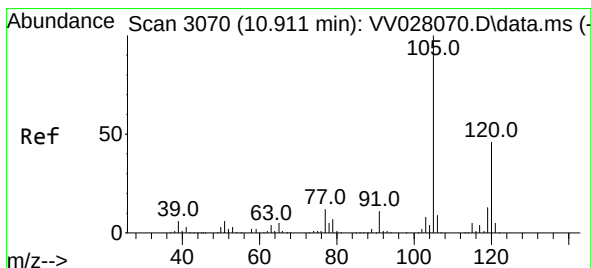
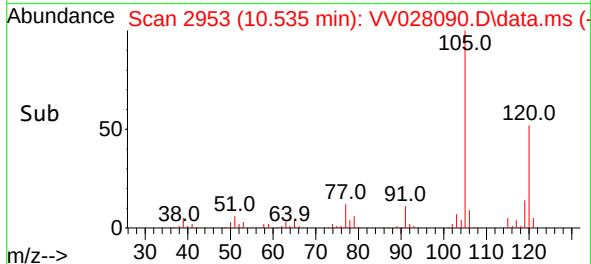
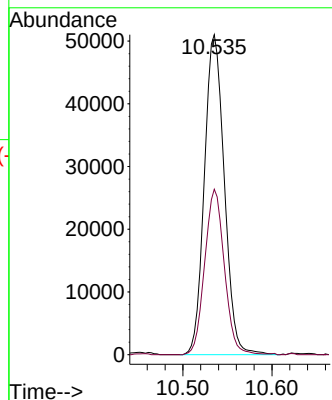
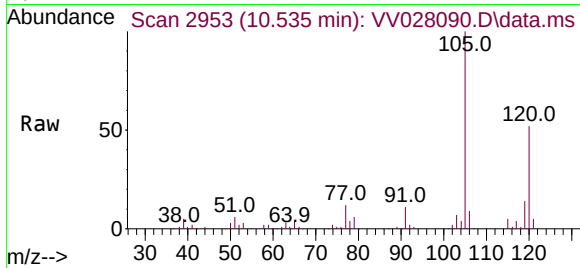




#62
1,3,5-Trimethylbenzene
Concen: 4.579 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

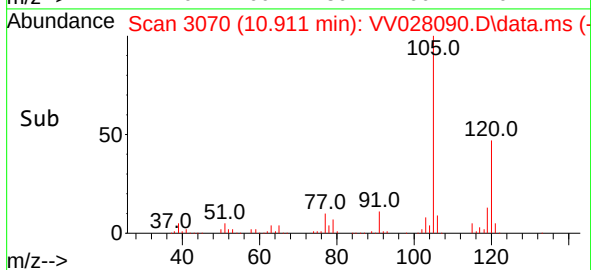
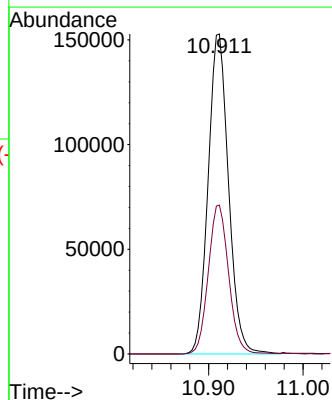
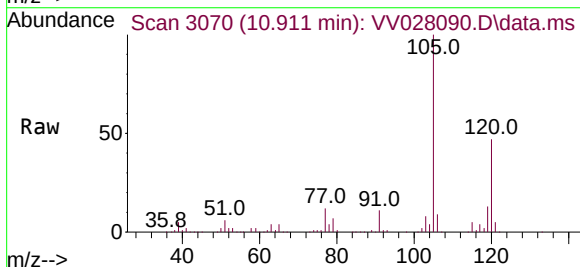
Instrument :
MSVOA_V
ClientSampleId :

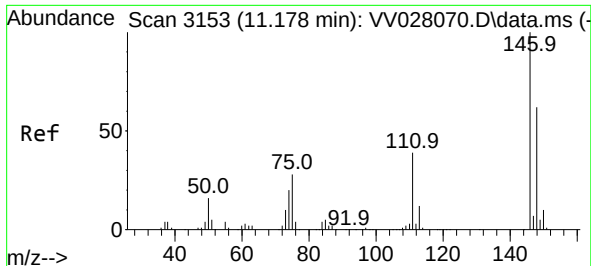
Tgt Ion:105 Resp: 79284
Ion Ratio Lower Upper
105 100
120 50.9 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 4.735 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion:105 Resp: 229164
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

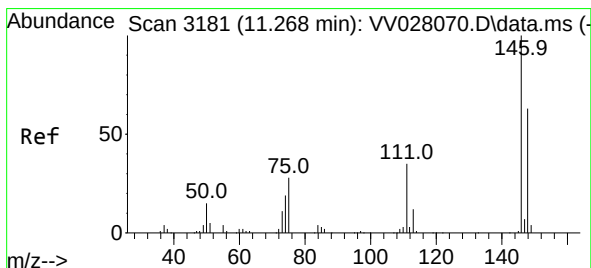
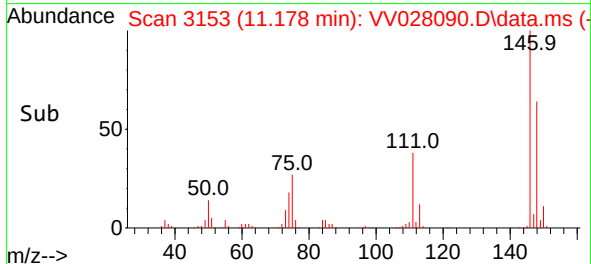
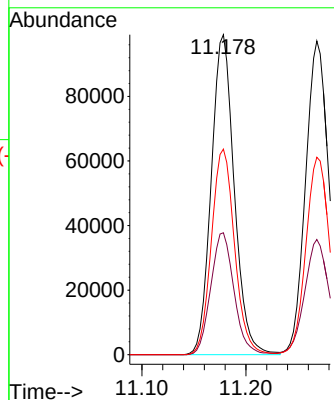
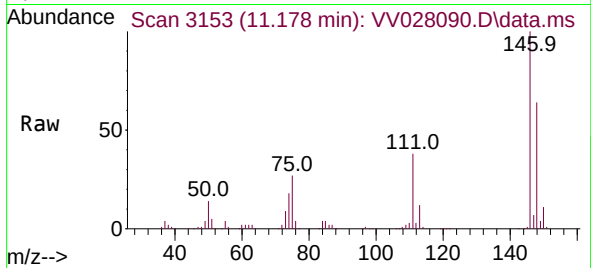




#64
1,3-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

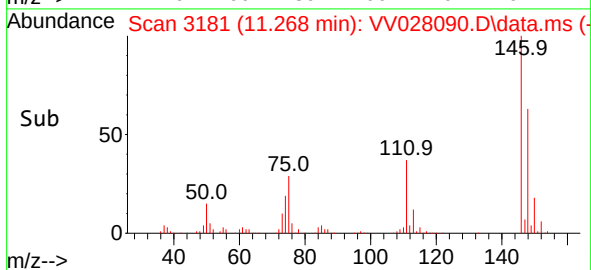
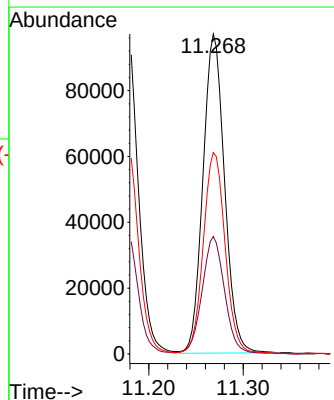
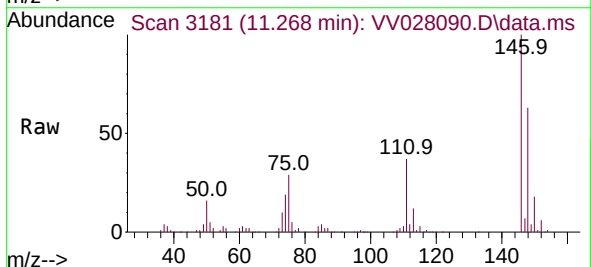
Instrument :
MSVOA_V
ClientSampleId :

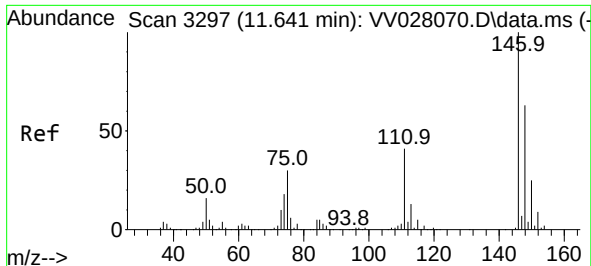
Tgt Ion:146 Resp: 152422
Ion Ratio Lower Upper
146 100
111 38.1 27.1 50.3
148 64.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion:146 Resp: 153731
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 62.9 45.8 85.2

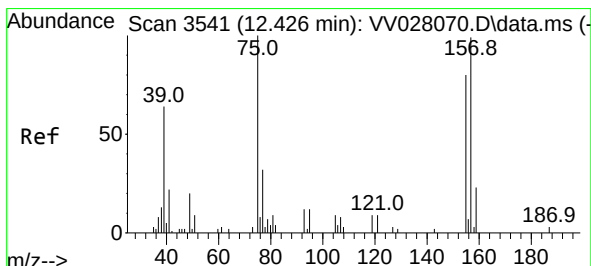
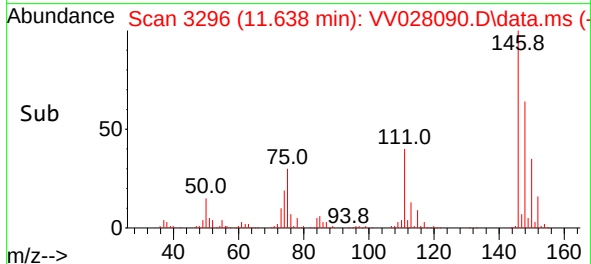
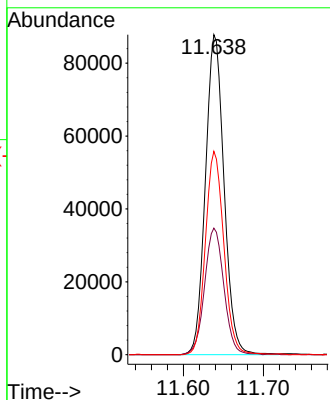
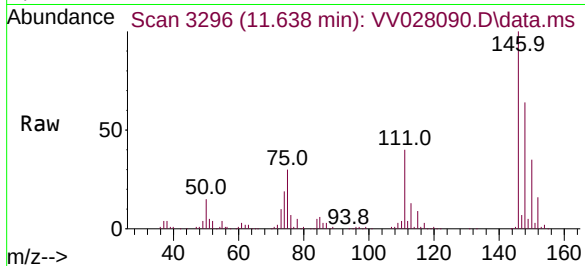




#67
1,2-Dichlorobenzene
Concen: 4.932 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

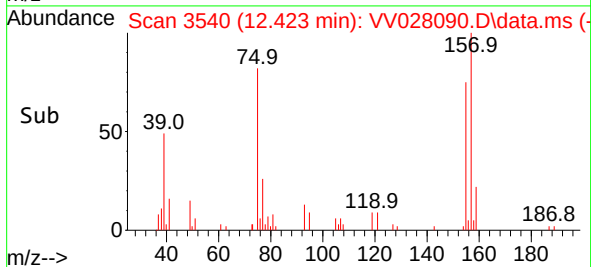
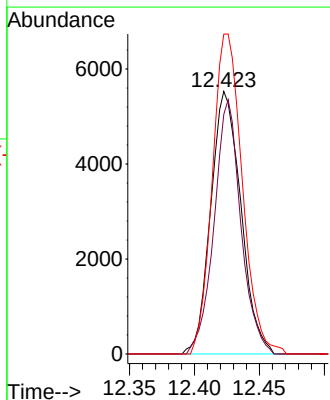
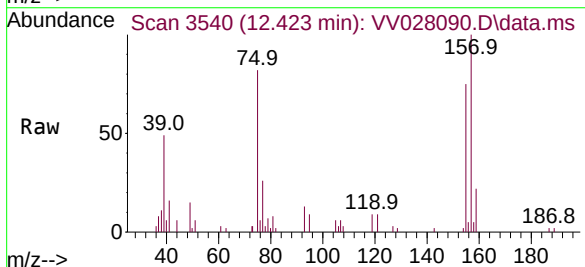
Instrument :
MSVOA_V
ClientSampleId :

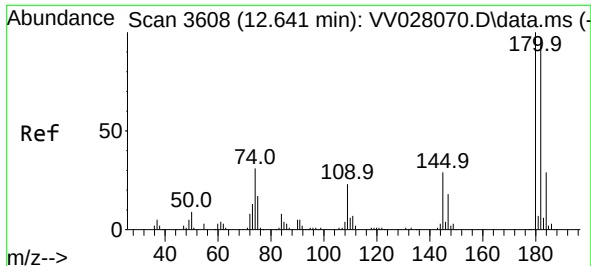
Tgt Ion:146 Resp: 142507
Ion Ratio Lower Upper
146 100
111 39.6 32.6 49.0
148 63.6 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.626 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV028090.D
Acq: 23 Sep 2022 09:38

Tgt Ion: 75 Resp: 8906
Ion Ratio Lower Upper
75 100
155 91.2 73.6 110.4
157 121.9 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.949 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

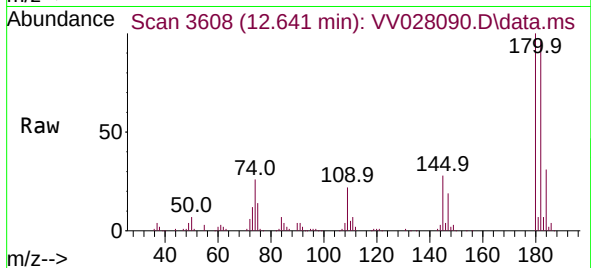
Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 119807

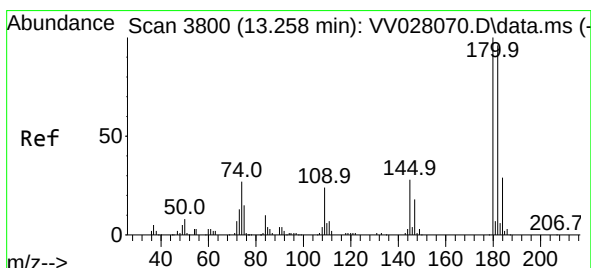
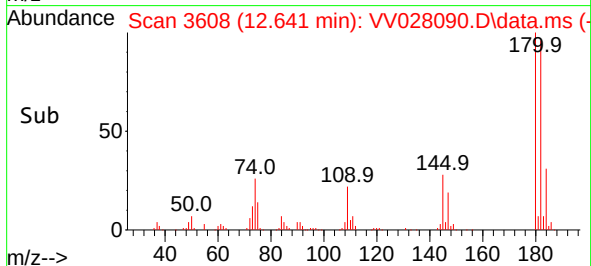
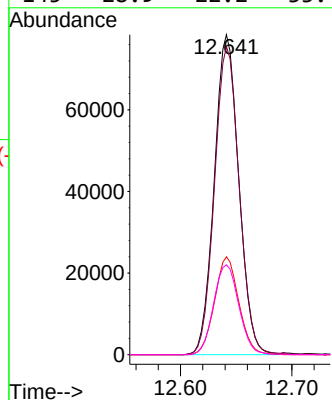
Ion Ratio Lower Upper

180 100

182 97.0 75.5 113.3

184 30.3 23.7 35.5

145 28.9 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 4.849 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

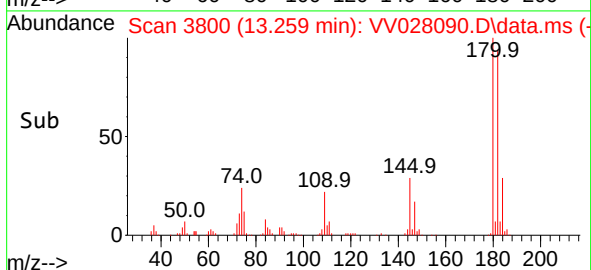
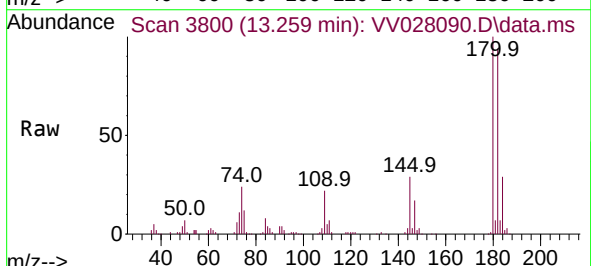
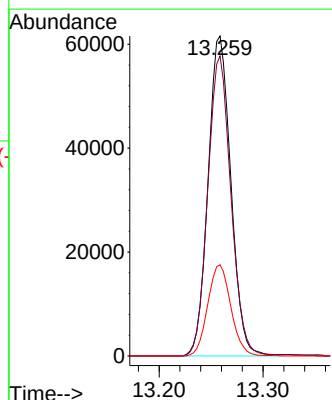
Tgt Ion:180 Resp: 93883

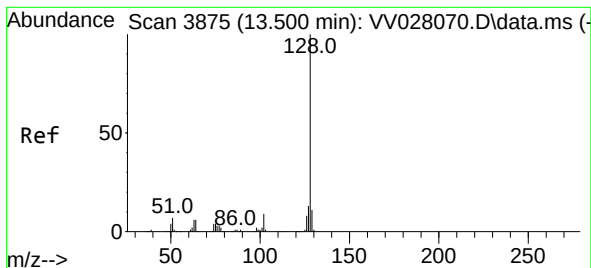
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 28.8 22.9 34.3





#71

Naphthalene

Concen: 4.190 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

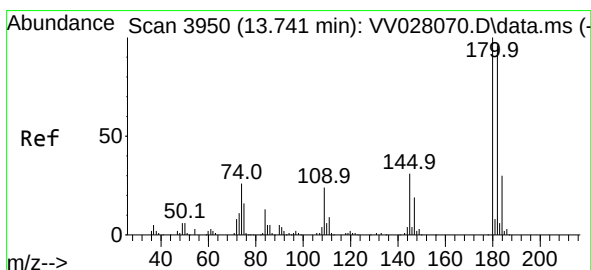
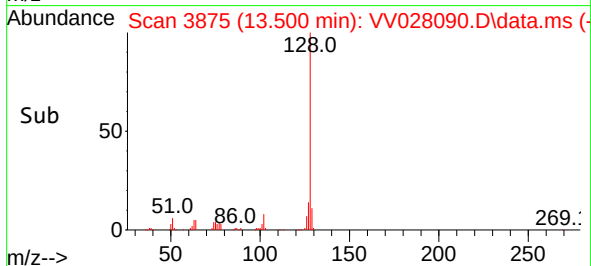
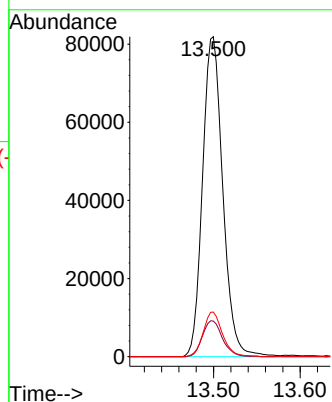
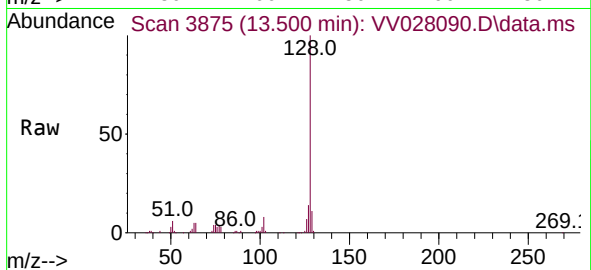
Tgt Ion:128 Resp: 132858

Ion Ratio Lower Upper

128 100

129 11.1 8.2 12.2

127 13.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.866 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028090.D

Acq: 23 Sep 2022 09:38

Tgt Ion:180 Resp: 85215

Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.0

145 28.8 24.6 36.8

