

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026888.D
 Acq On : 22 Jul 2022 15:32
 Operator : SY/MD
 Sample : N3670-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 04:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	555863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	559057	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	253943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	224720	48.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.400%
7) Chloroethane-d5	1.564	69	186290	49.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.780%
11) 1,1-Dichloroethene-d2	2.101	63	308808	36.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.640%
21) 2-Butanone-d5	3.883	46	339492	108.034	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.030%
24) Chloroform-d	4.346	84	441371	48.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	264474	50.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
32) Benzene-d6	5.047	84	880309	52.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.180%
36) 1,2-Dichloropropane-d6	6.066	67	286120	52.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	7.313	98	727598	49.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.420%
43) trans-1,3-Dichloroprop...	7.619	79	113524	49.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.500%
47) 2-Hexanone-d5	8.088	63	256411	108.133	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.130%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	416218	50.310	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.620%
66) 1,2-Dichlorobenzene-d4	11.622	152	269468	56.562	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	13759	2.396	ug/L	94
3) Chloromethane	1.240	50	14103	2.626	ug/L	95
5) Vinyl chloride	1.307	62	14505	2.541	ug/L #	76
6) Bromomethane	1.519	94	9607	2.785	ug/L	99
8) Chloroethane	1.580	64	8435	2.515	ug/L	96
9) Trichlorofluoromethane	1.748	101	18979	2.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13609	2.958	ug/L	89
12) 1,1-Dichloroethene	2.111	96	13077	3.043	ug/L #	1
13) Acetone	2.175	43	12028	5.451	ug/L	94
14) Carbon disulfide	2.288	76	30819	2.513	ug/L	99
15) Methyl Acetate	2.439	43	11670	2.398	ug/L	98
16) Methylene chloride	2.503	84	19197	3.504	ug/L	91
17) trans-1,2-Dichloroethene	2.757	96	11225	2.472	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	28461	2.256	ug/L	96
19) 1,1-Dichloroethane	3.188	63	19907	2.380	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	11675	2.439	ug/L	96
23) Bromochloromethane	4.252	128	6421	2.343	ug/L	96
27) 1,2-Dichloroethane	5.137	62	14350	2.280	ug/L	100
29) Cyclohexane	4.674	56	12773	2.185	ug/L #	62

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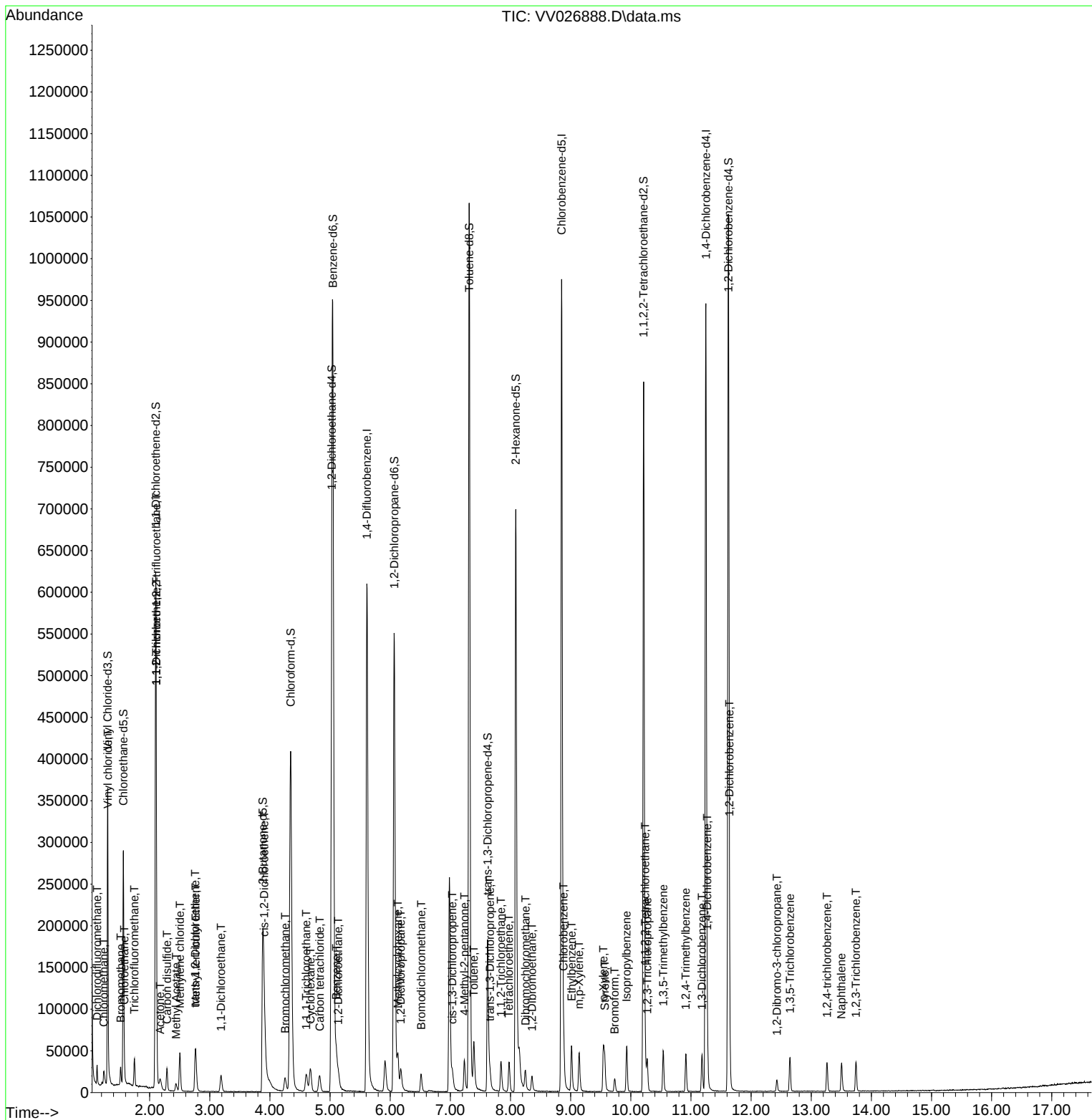
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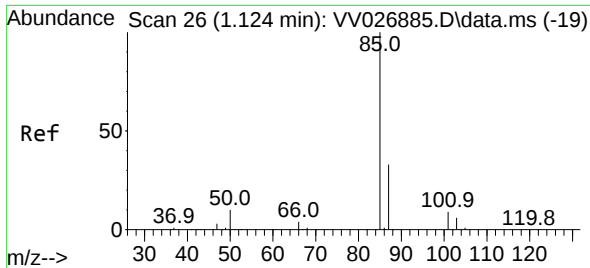
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) 1,1,1-Trichloroethane	4.606	97	17282	2.340	ug/L	98
31) Carbon tetrachloride	4.828	117	15430	2.386	ug/L	97
33) Benzene	5.101	78	44158	2.456	ug/L	100
35) Methylcyclohexane	6.127	83	15173	2.218	ug/L	99
37) 1,2-Dichloropropane	6.175	63	11011	2.353	ug/L #	94
38) Bromodichloromethane	6.516	83	15204	2.397	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	14701	2.264	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	23561	4.231	ug/L	97
42) Toluene	7.390	91	44675	2.434	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	15748	2.459	ug/L	91
45) 1,1,2-Trichloroethane	7.844	97	12451	2.499	ug/L	98
46) Tetrachloroethene	7.976	164	8294	2.301	ug/L	92
49) Dibromochloromethane	8.249	129	12139	2.331	ug/L	88
50) 1,2-Dibromoethane	8.358	107	13464	2.641	ug/L	91
51) Chlorobenzene	8.882	112	30451	2.381	ug/L	94
52) Ethylbenzene	9.014	91	39941	2.097	ug/L	95
53) m,p-Xylene	9.140	106	13888	1.862	ug/L	99
54) o-Xylene	9.545	106	13483	1.877	ug/L	90
55) Styrene	9.567	104	22350	1.762	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	21336	2.652	ug/L #	96
59) Bromoform	9.731	173	7702	2.715	ug/L	98
60) Isopropylbenzene	9.931	105	35070	2.337	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	15759	3.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	26474	2.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	25703	2.101	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	19431	2.534	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	21373	2.631	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	22326	2.838	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	3788	2.782	ug/L	91
69) 1,3,5-Trichlorobenzene	12.647	180	13066	2.407	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	10771	2.355	ug/L	99
71) Naphthalene	13.503	128	29456	2.048	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	11197	2.347	ug/L	97

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

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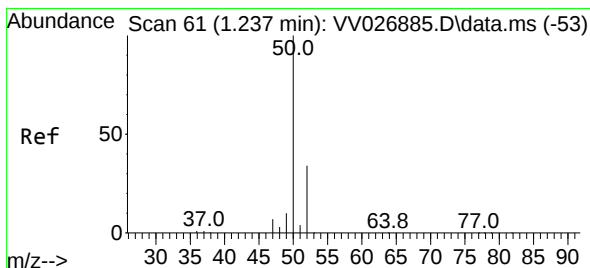
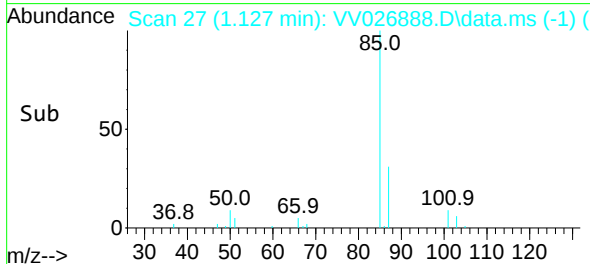
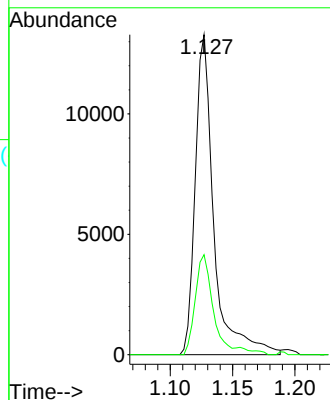
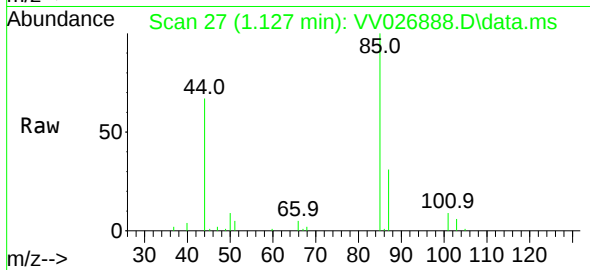




#2
 Dichlorodifluoromethane
 Concen: 2.396 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

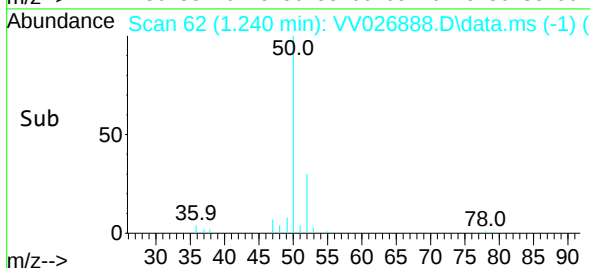
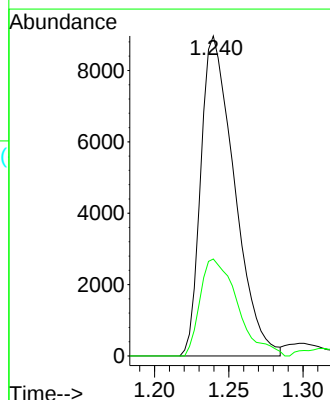
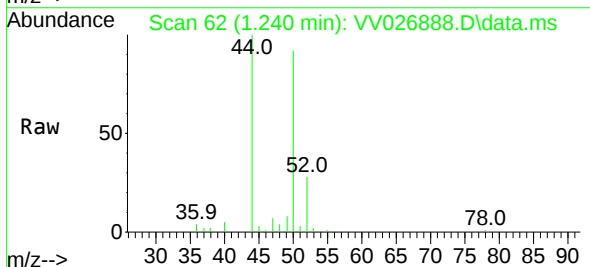
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 ClientSampleId :

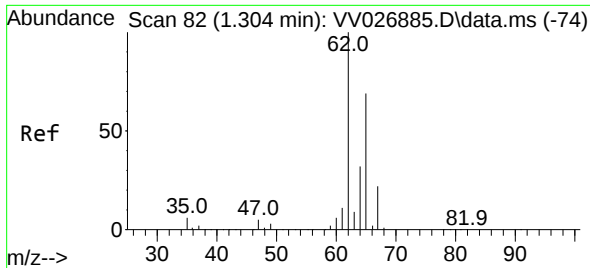
Tgt Ion: 85 Resp: 13759
 Ion Ratio Lower Upper
 85 100
 87 29.3 26.1 39.1



#3
 Chloromethane
 Concen: 2.626 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Tgt Ion: 50 Resp: 14103
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.1 42.9

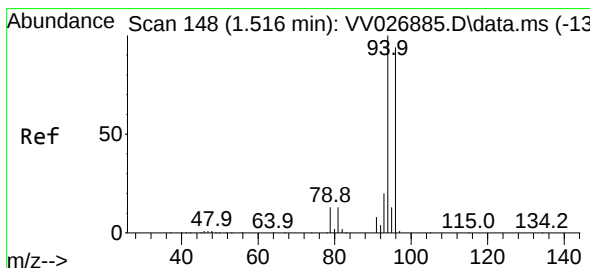
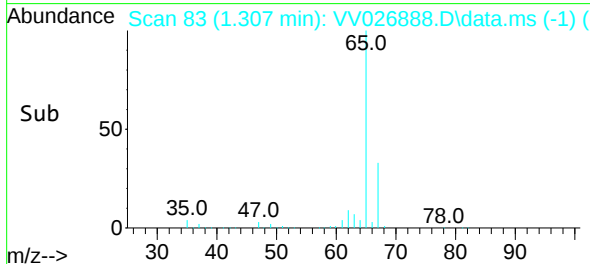
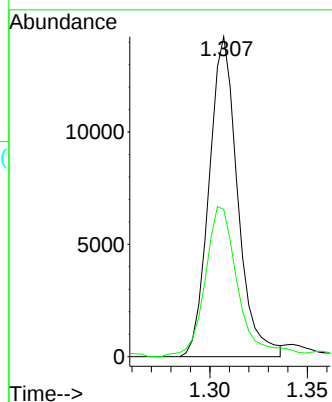
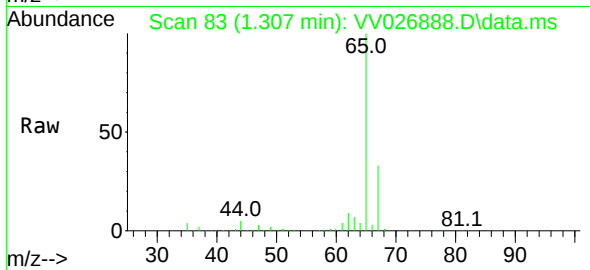




#5
 Vinyl chloride
 Concen: 2.541 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

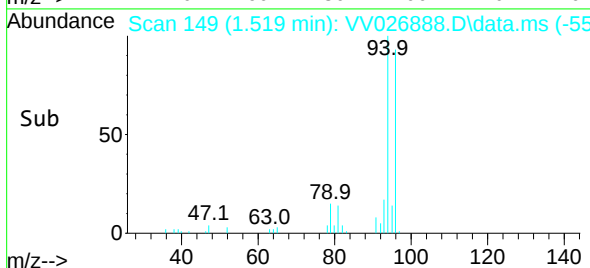
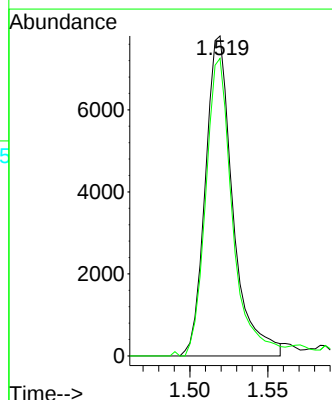
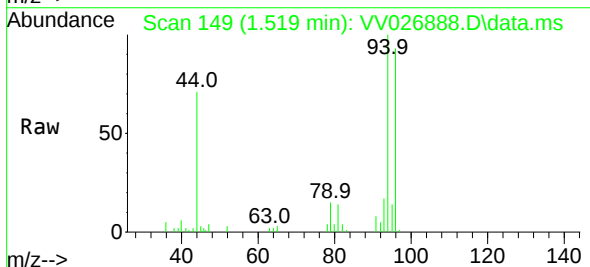
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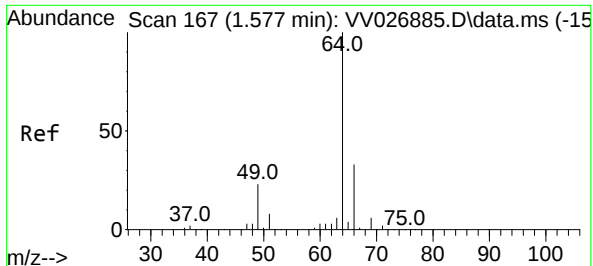
Tgt Ion: 62 Resp: 14505
 Ion Ratio Lower Upper
 62 100
 64 46.1 23.0 42.6#



#6
 Bromomethane
 Concen: 2.785 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Tgt Ion: 94 Resp: 9607
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2

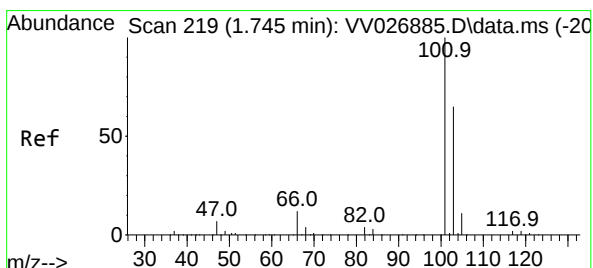
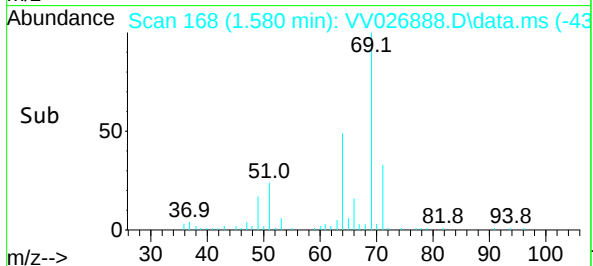
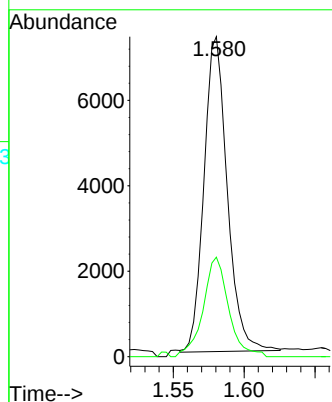
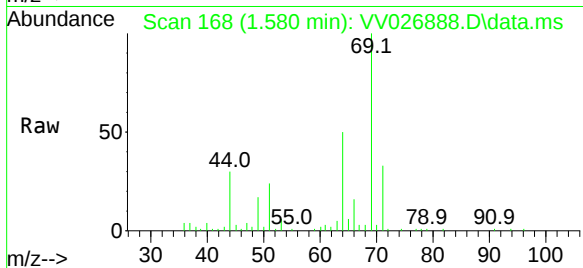




#8
Chloroethane
Concen: 2.515 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

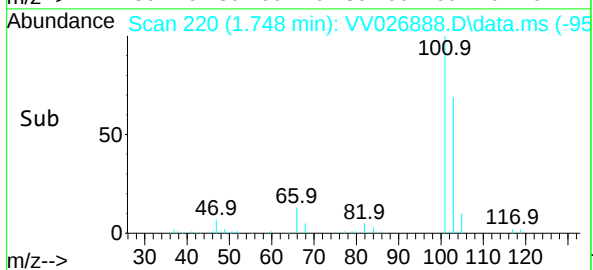
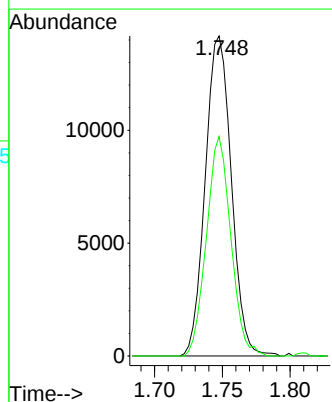
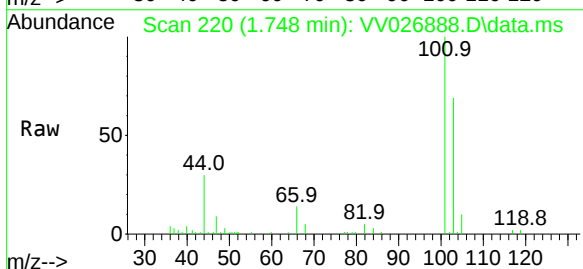
Instrument :
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ClientSampleId :

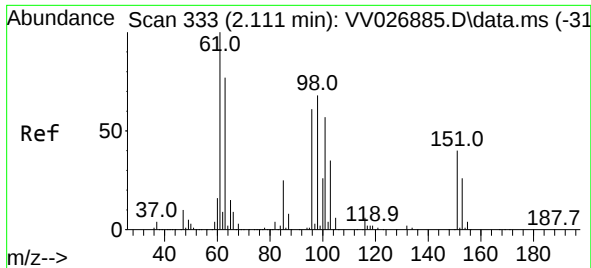
Tgt Ion: 64 Resp: 8435
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.412 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion: 101 Resp: 18979
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

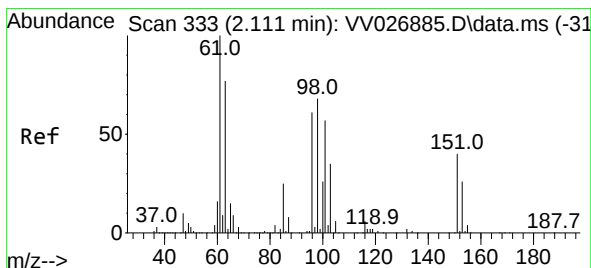
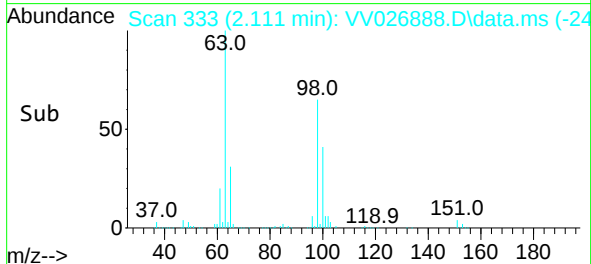
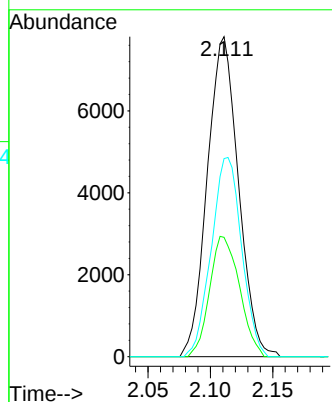
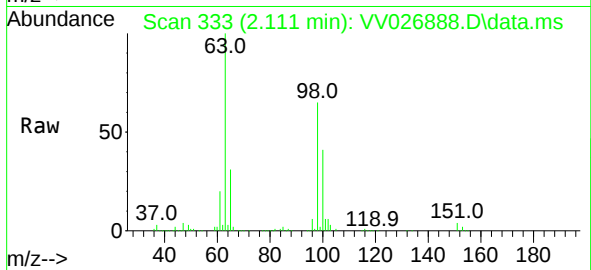




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.958 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

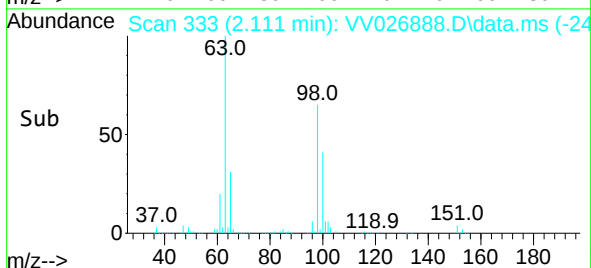
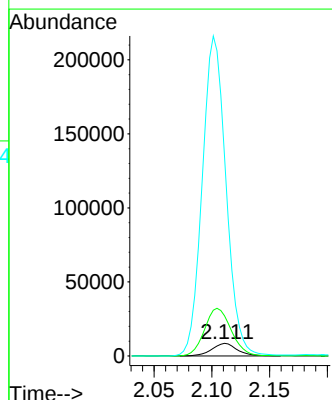
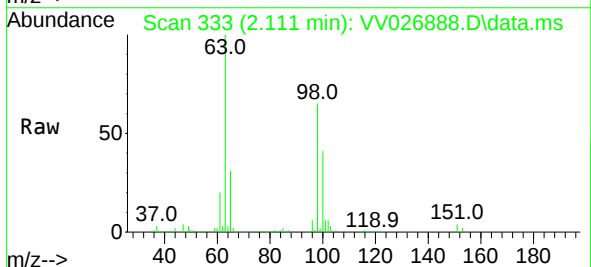
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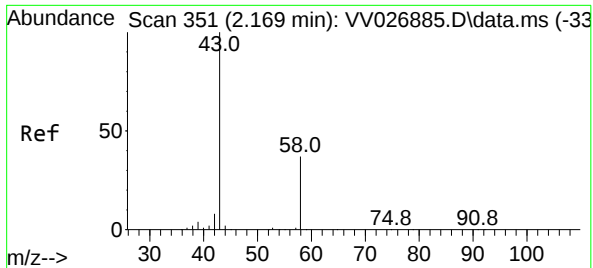
Tgt Ion:101 Resp: 13609
 Ion Ratio Lower Upper
 101 100
 85 35.9 33.1 49.7
 151 60.6 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 3.043 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Tgt Ion: 96 Resp: 13077
 Ion Ratio Lower Upper
 96 100
 61 317.6 114.2 212.0#
 63 1578.8 87.0 161.6#





#13

Acetone

Concen: 5.451 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

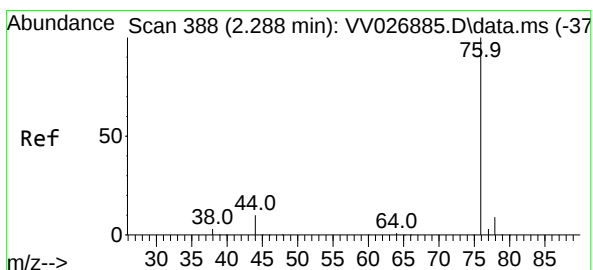
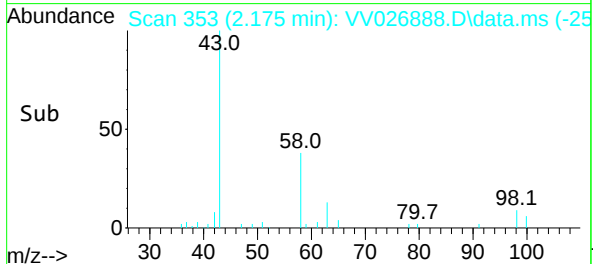
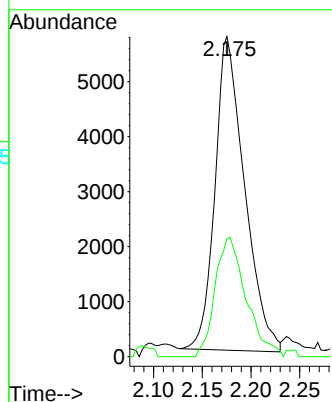
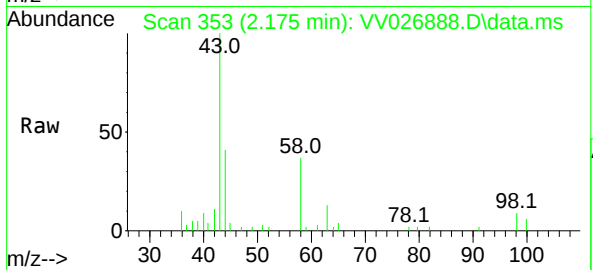
ClientSampleId :

Tgt Ion: 43 Resp: 12028

Ion Ratio Lower Upper

43 100

58 39.7 0.0 72.6



#14

Carbon disulfide

Concen: 2.513 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026888.D

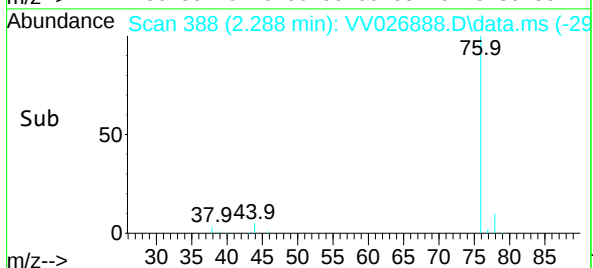
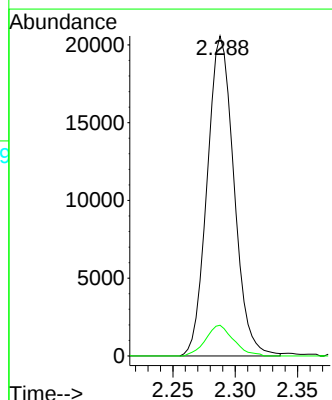
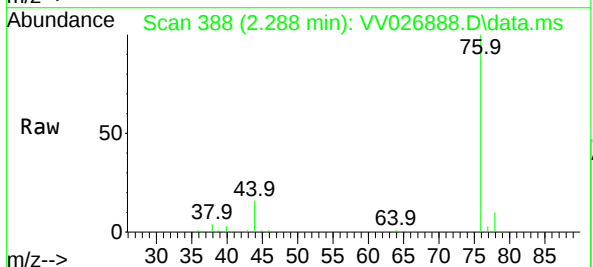
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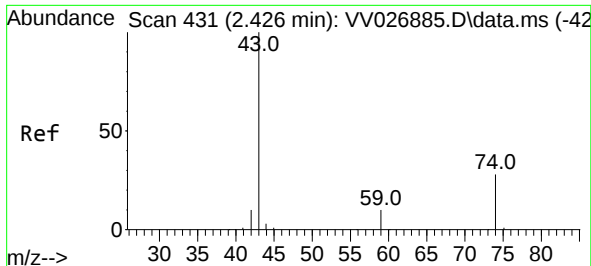
Tgt Ion: 76 Resp: 30819

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

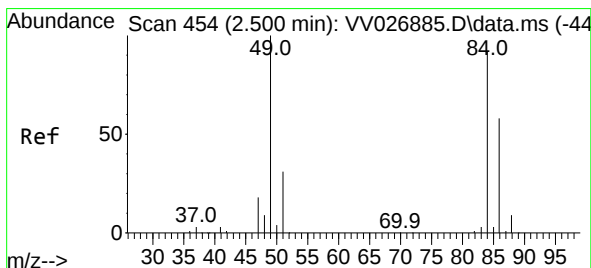
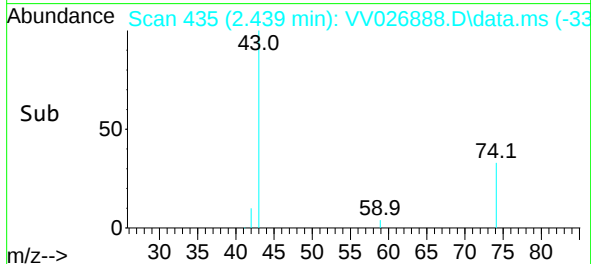
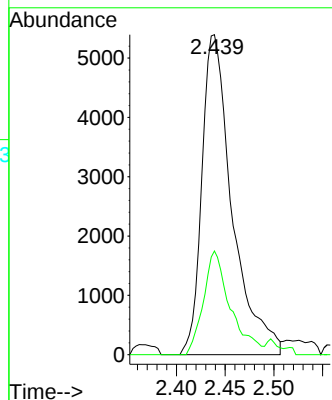
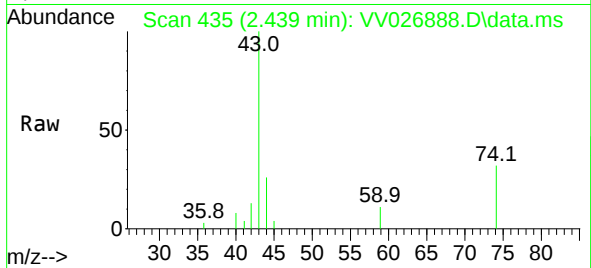




#15
Methyl Acetate
Concen: 2.398 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

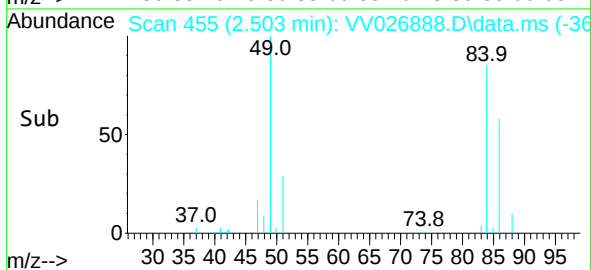
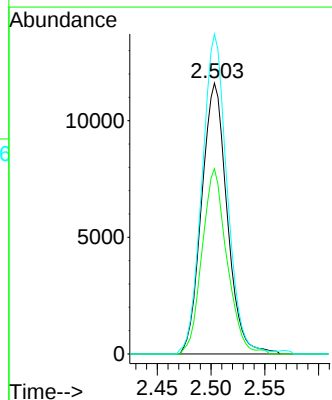
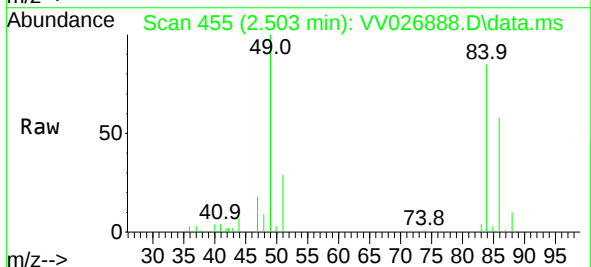
Instrument :
MSVOA_V
ClientSampleId :

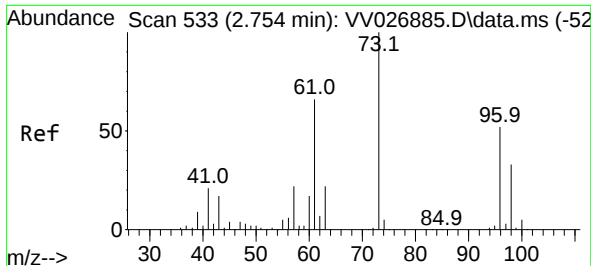
Tgt Ion: 43 Resp: 11670
Ion Ratio Lower Upper
43 100
74 26.7 22.1 33.1



#16
Methylene chloride
Concen: 3.504 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion: 84 Resp: 19197
Ion Ratio Lower Upper
84 100
86 68.4 44.5 82.7
49 118.1 75.0 139.2

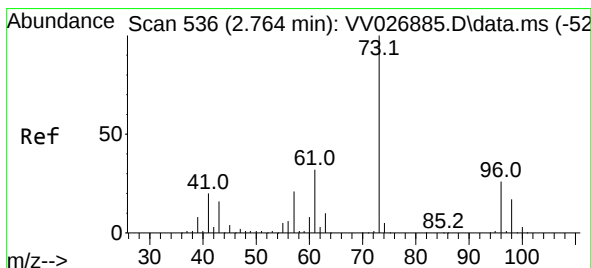
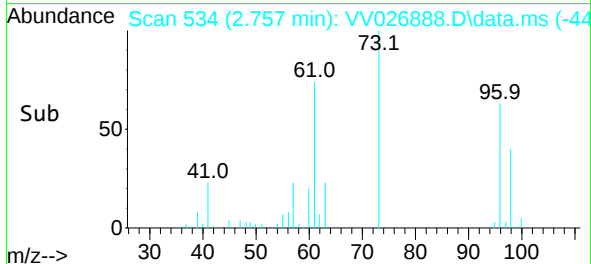
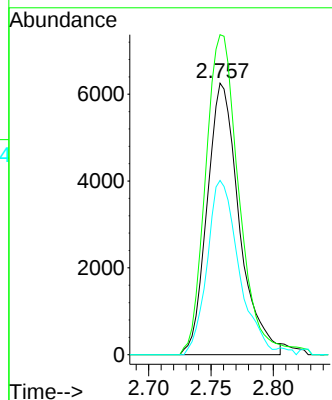
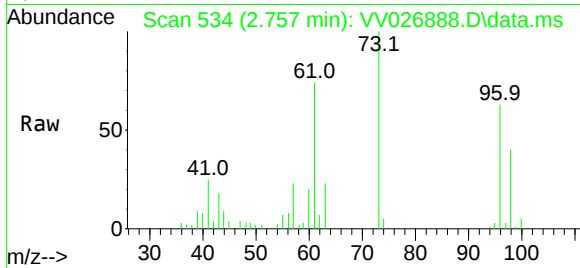




#17
trans-1,2-Dichloroethene
Concen: 2.472 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

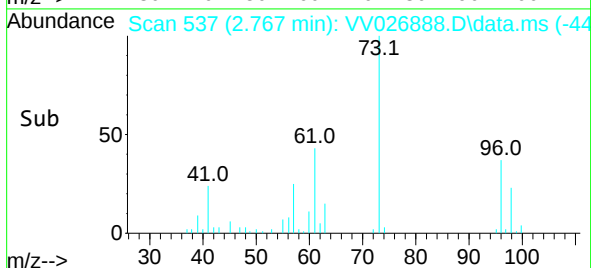
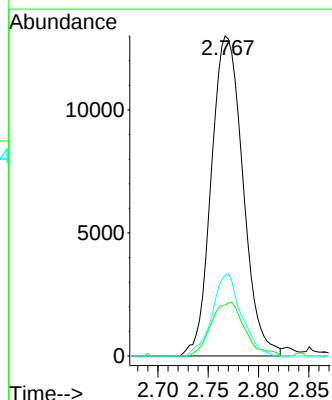
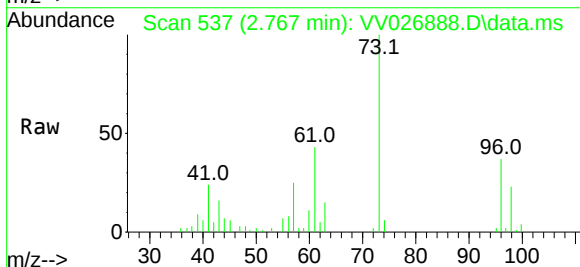
Instrument :
MSVOA_V
ClientSampleId :

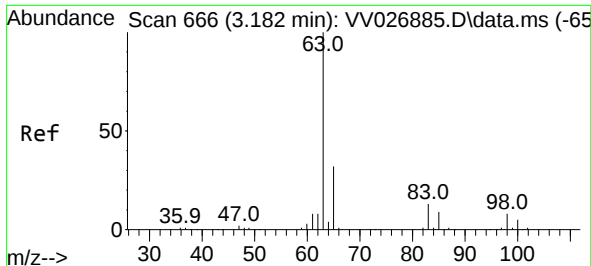
Tgt Ion: 96 Resp: 11225
Ion Ratio Lower Upper
96 100
61 117.8 89.2 165.6
98 64.1 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 2.256 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion: 73 Resp: 28461
Ion Ratio Lower Upper
73 100
43 17.8 12.8 19.2
57 23.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 2.380 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.006 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

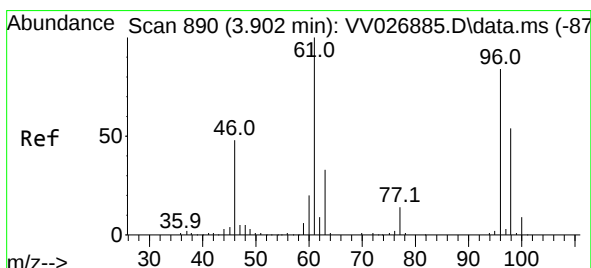
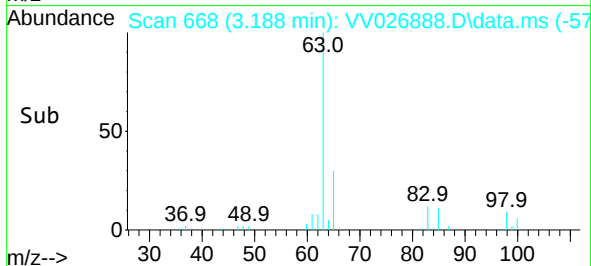
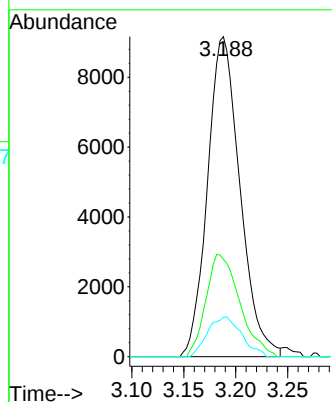
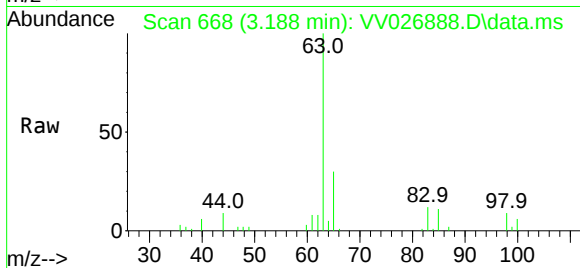
Tgt Ion: 63 Resp: 19907

Ion Ratio Lower Upper

63 100

65 30.4 22.6 42.0

83 12.3 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 2.439 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

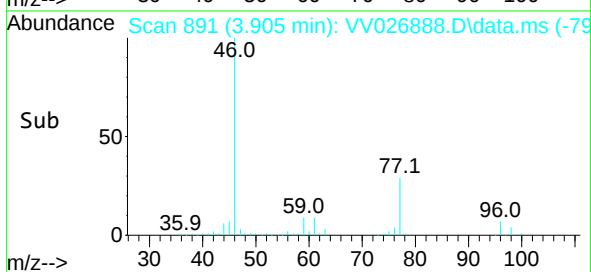
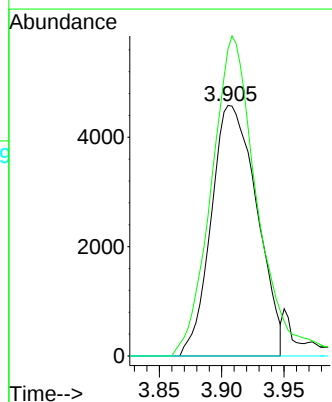
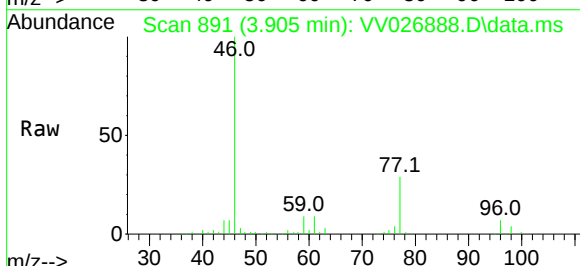
Tgt Ion: 96 Resp: 11675

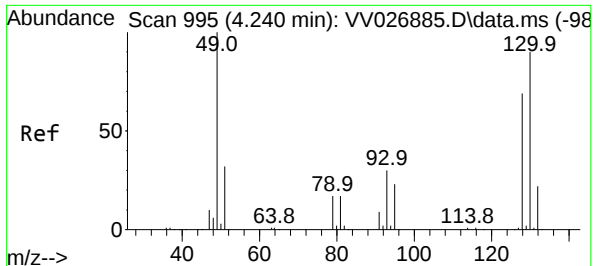
Ion Ratio Lower Upper

96 100

61 122.6 83.0 154.1

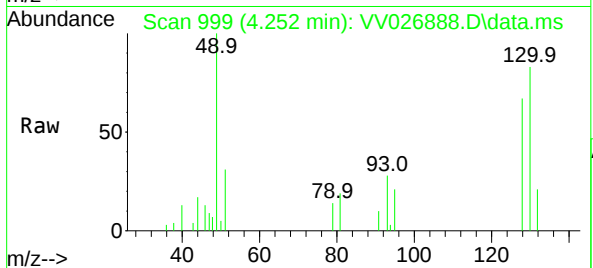
68 0.0 0.0 0.0



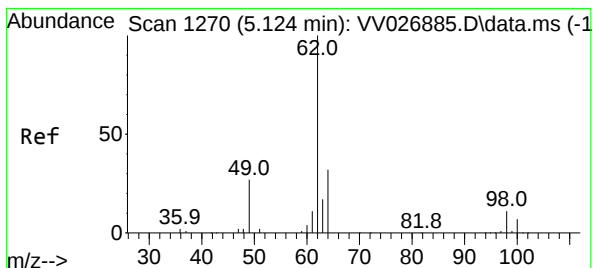
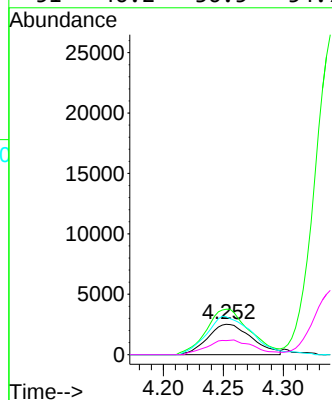
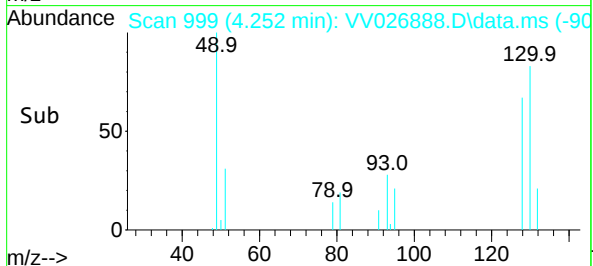


#23
Bromochloromethane
Concen: 2.343 ug/L
RT: 4.252 min Scan# 995
Delta R.T. 0.013 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

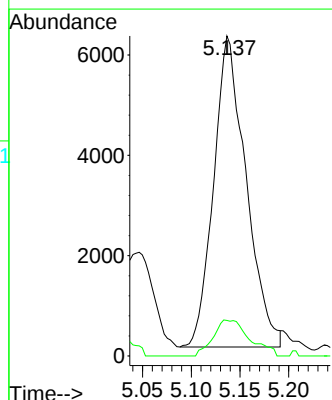
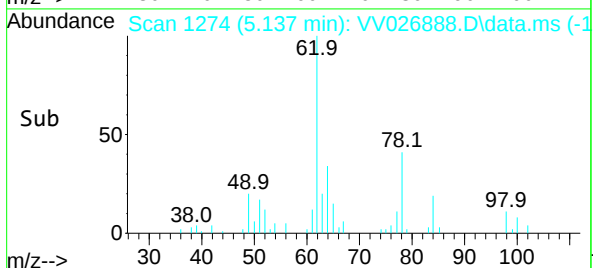
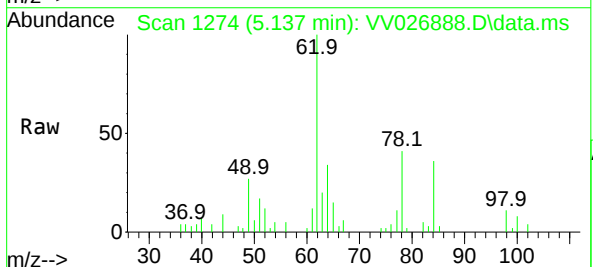


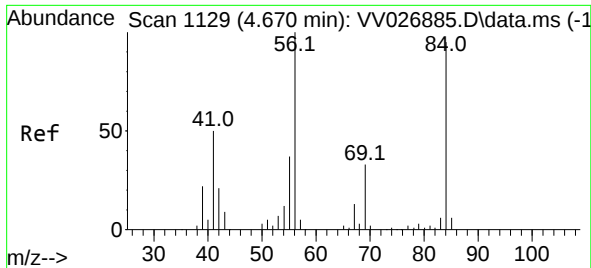
Tgt Ion:128 Resp: 6421
Ion Ratio Lower Upper
128 100
49 149.8 101.0 187.6
130 124.6 90.0 167.2
51 46.2 36.5 54.7



#27
1,2-Dichloroethane
Concen: 2.280 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

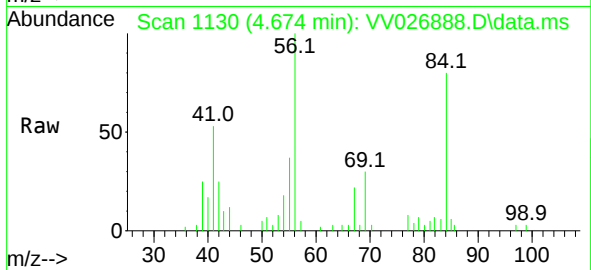
Tgt Ion: 62 Resp: 14350
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3



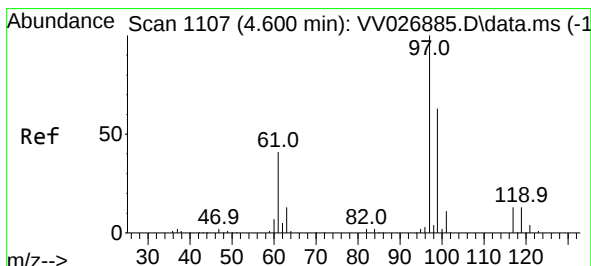
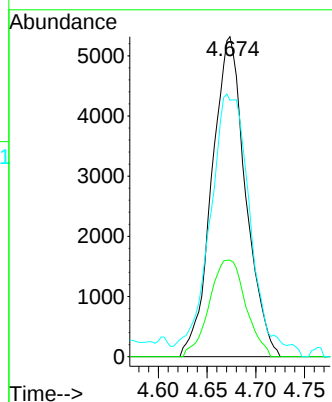
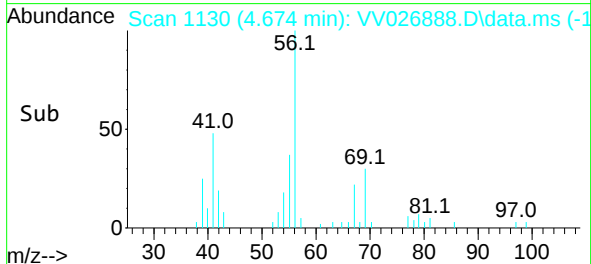


#29
Cyclohexane
Concen: 2.185 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

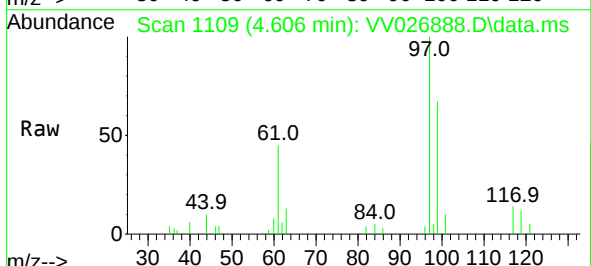
Instrument :
MSVOA_V
ClientSampleId :



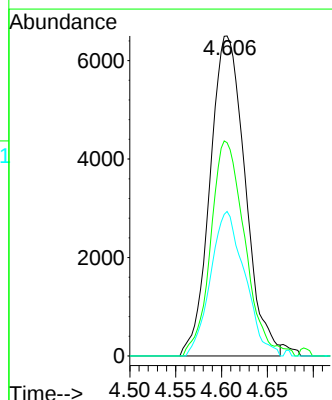
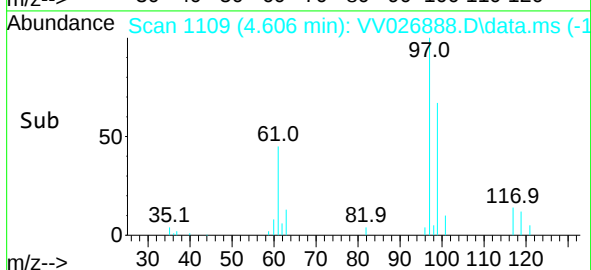
Tgt Ion: 56 Resp: 12773
Ion Ratio Lower Upper
56 100
69 32.6 25.7 38.5
84 47.1 77.0 115.6#

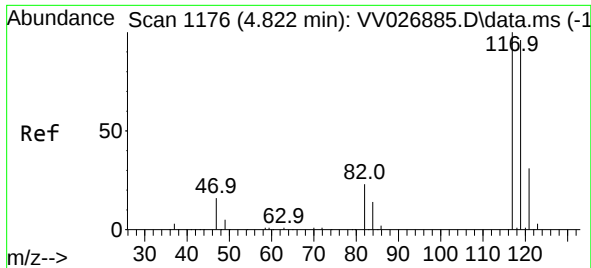


#30
1,1,1-Trichloroethane
Concen: 2.340 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32



Tgt Ion: 97 Resp: 17282
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 44.2 33.1 49.7

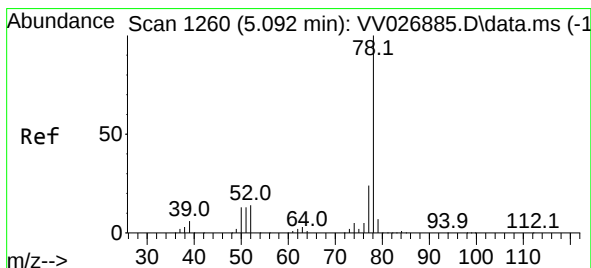
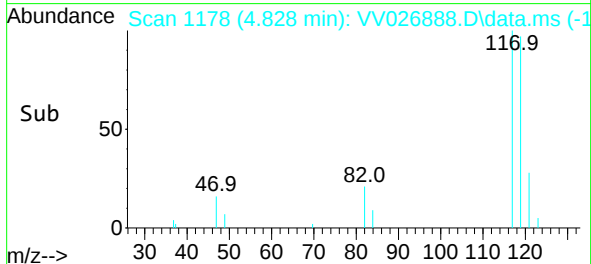
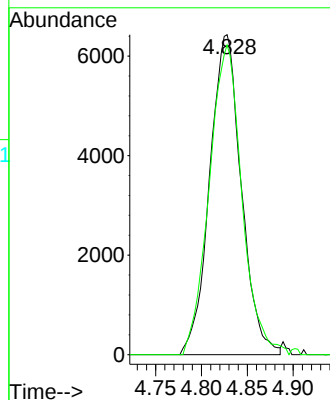
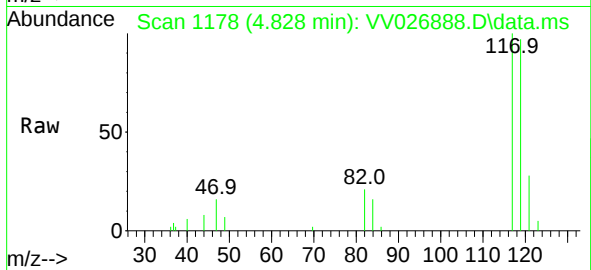




#31
Carbon tetrachloride
Concen: 2.386 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

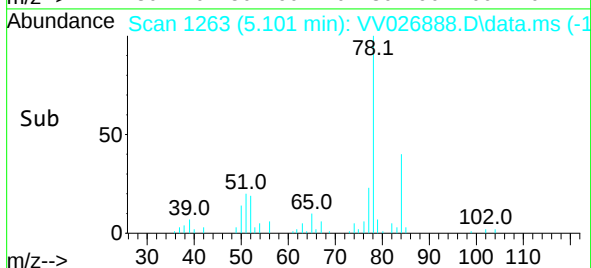
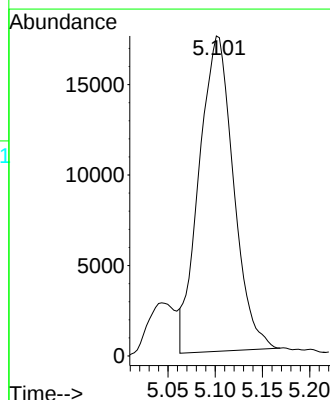
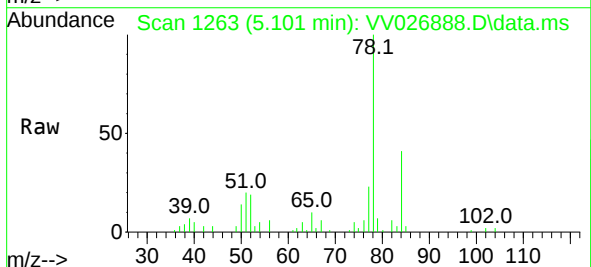
Instrument :
MSVOA_V
ClientSampleId :

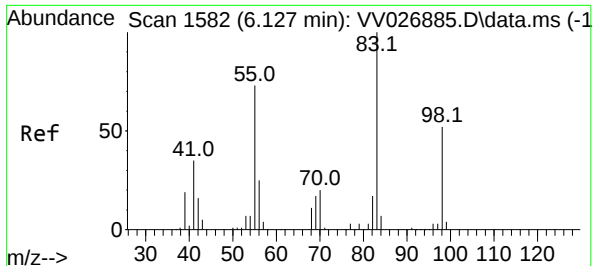
Tgt Ion:117 Resp: 15430
Ion Ratio Lower Upper
117 100
119 99.1 77.3 115.9



#33
Benzene
Concen: 2.456 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.009 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion: 78 Resp: 44158





#35

Methylcyclohexane

Concen: 2.218 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

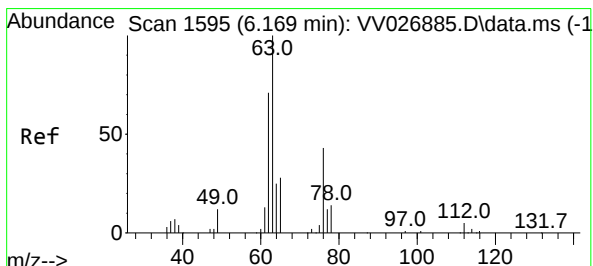
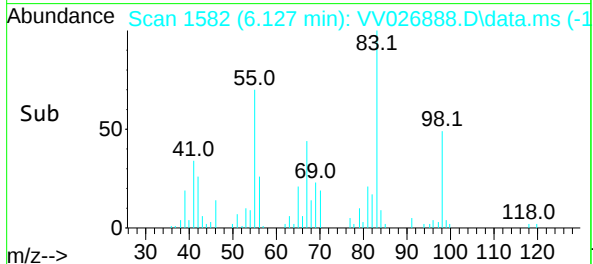
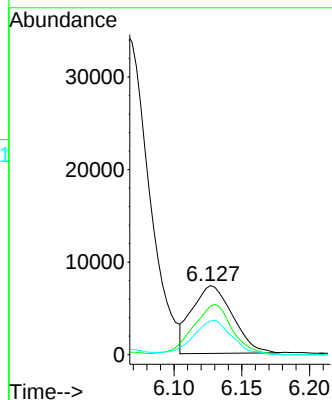
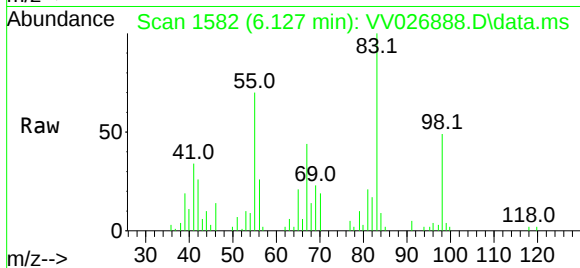
Tgt Ion: 83 Resp: 15173

Ion Ratio Lower Upper

83 100

55 72.4 57.4 86.2

98 48.8 39.4 59.0



#37

1,2-Dichloropropane

Concen: 2.353 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.006 min

Lab File: VV026888.D

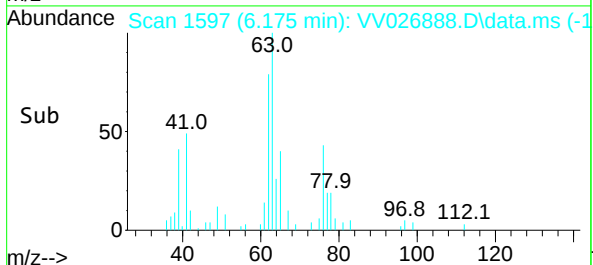
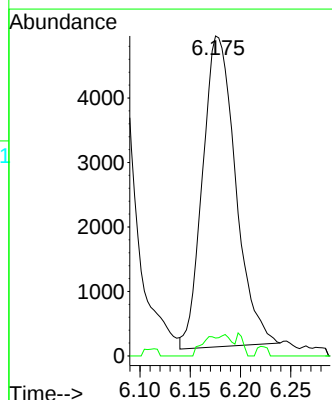
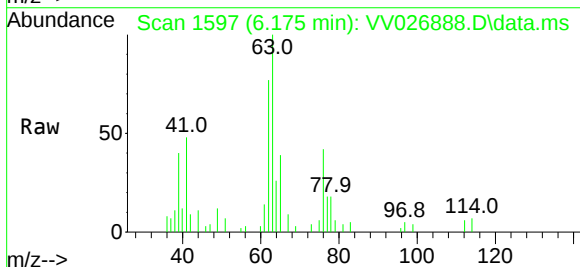
Acq: 22 Jul 2022 15:32

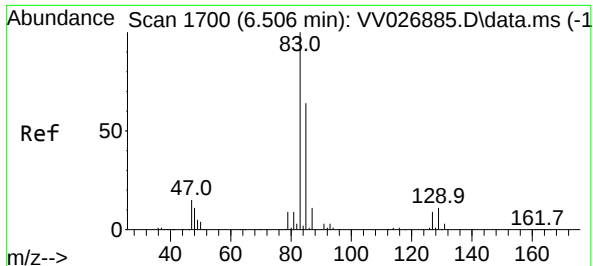
Tgt Ion: 63 Resp: 11011

Ion Ratio Lower Upper

63 100

112 2.8 3.8 5.8#





#38

Bromodichloromethane

Concen: 2.397 ug/L

RT: 6.516 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV026888.D

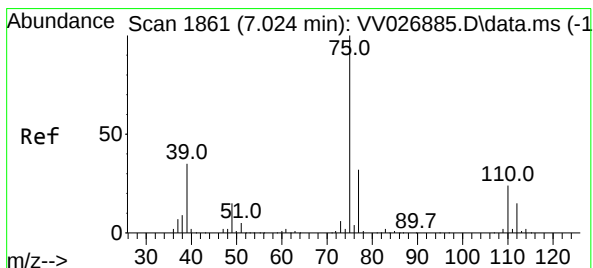
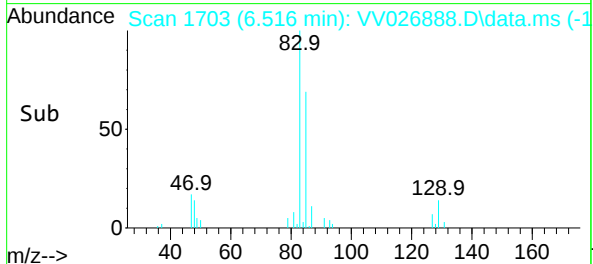
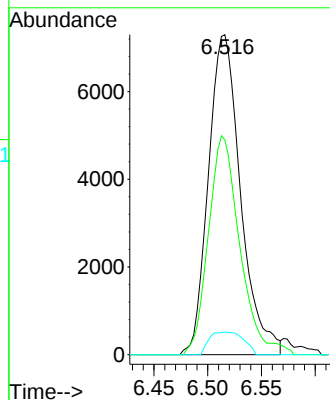
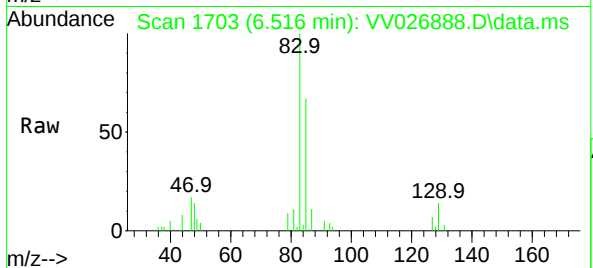
Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15204
Ion Ratio	Lower Upper
83 100	
85 67.2	45.1 83.9
127 7.1	6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 2.264 ug/L

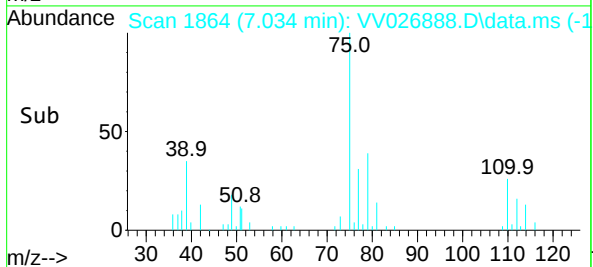
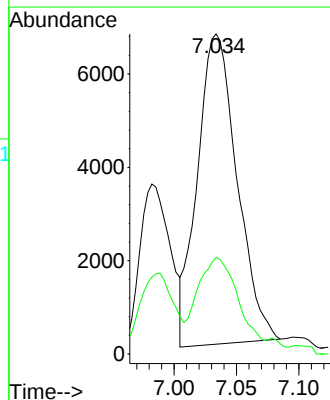
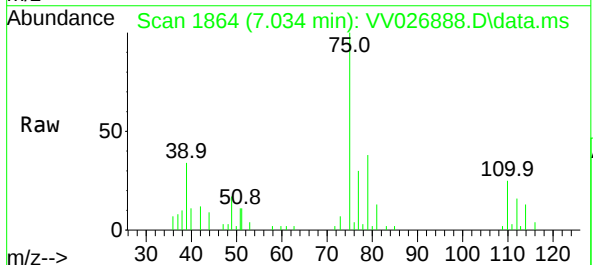
RT: 7.034 min Scan# 1864

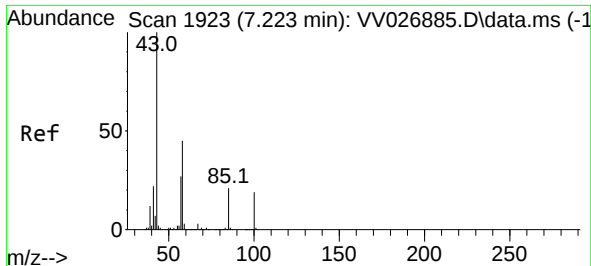
Delta R.T. 0.009 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Tgt Ion: 75	Resp: 14701
Ion Ratio	Lower Upper
75 100	
77 30.2	22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 4.231 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.009 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

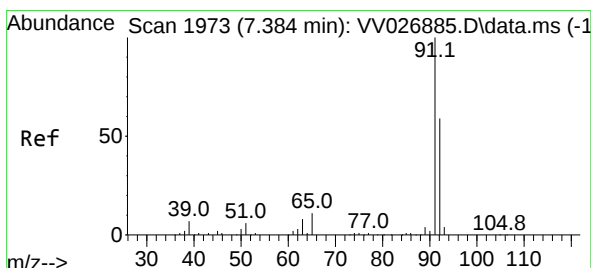
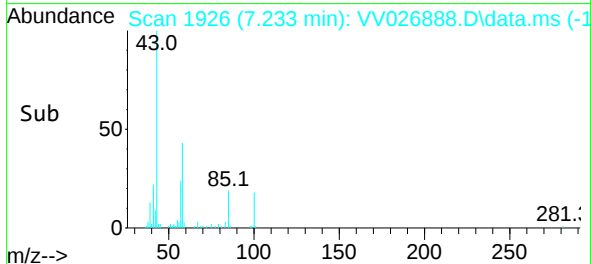
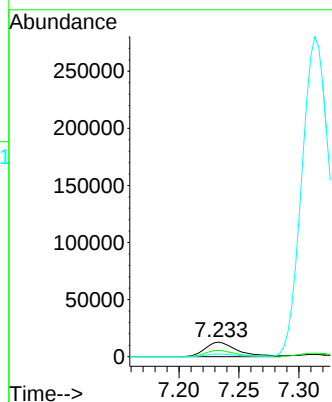
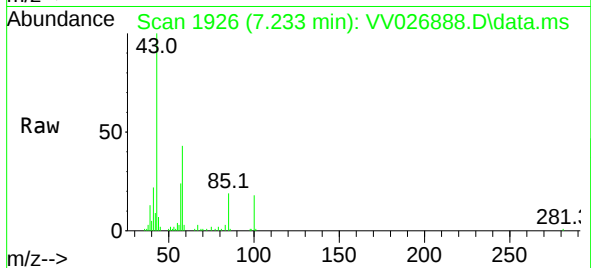
Tgt Ion: 43 Resp: 23561

Ion Ratio Lower Upper

43 100

58 41.1 35.0 52.6

100 18.5 15.4 23.0



#42

Toluene

Concen: 2.434 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV026888.D

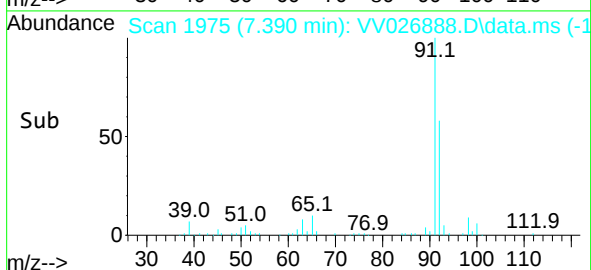
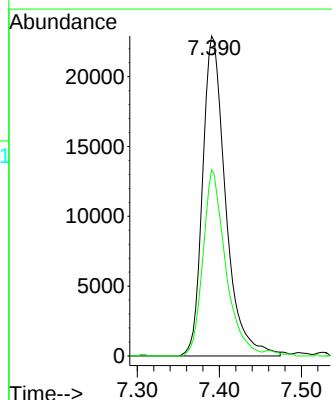
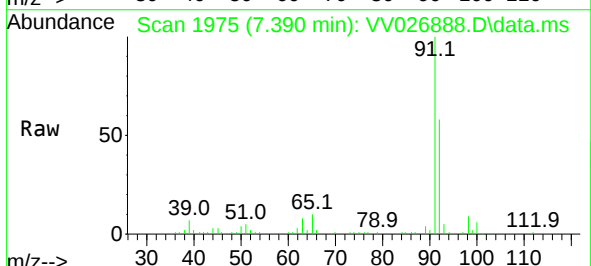
Acq: 22 Jul 2022 15:32

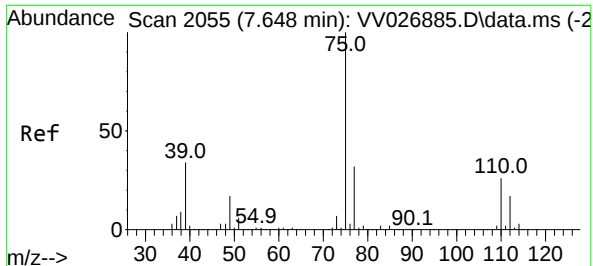
Tgt Ion: 91 Resp: 44675

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1

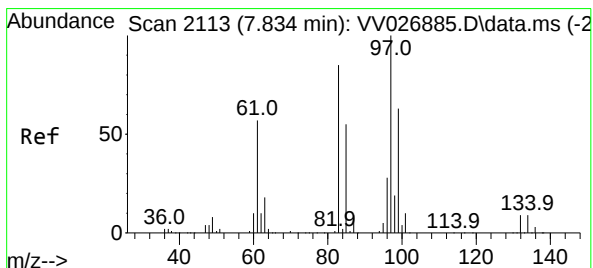
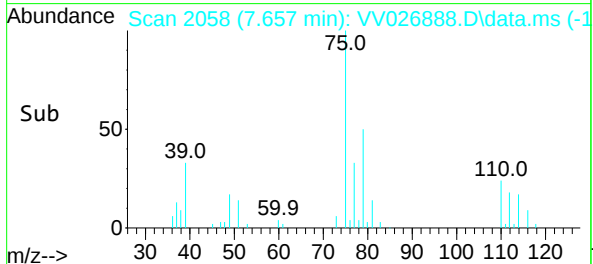
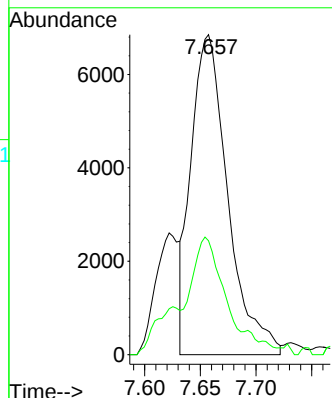
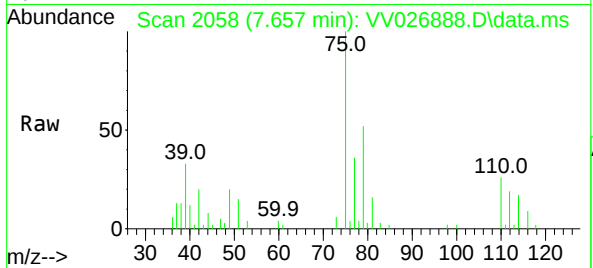




#44
trans-1,3-Dichloropropene
Concen: 2.459 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.009 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

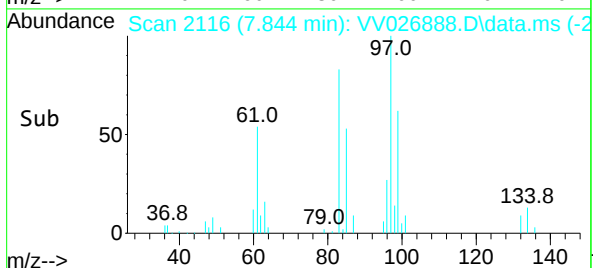
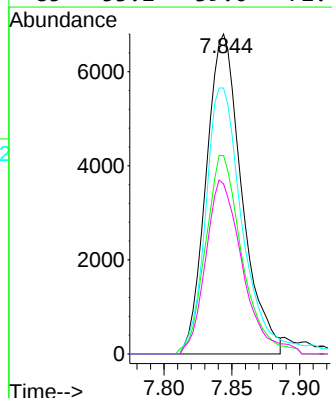
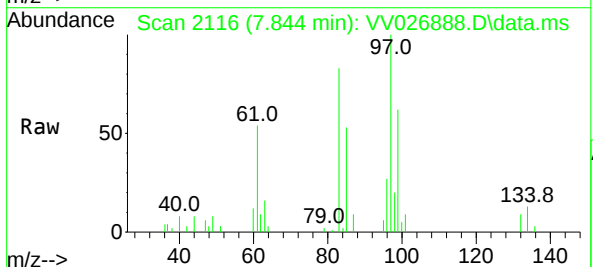
Instrument :
MSVOA_V
ClientSampleId :

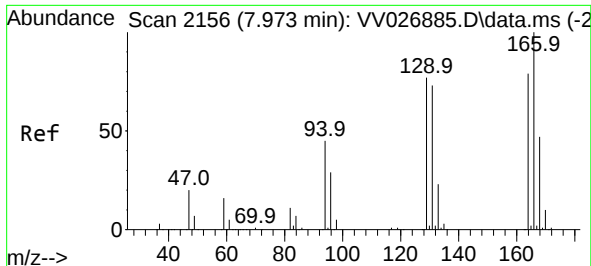
Tgt Ion: 75 Resp: 15748
Ion Ratio Lower Upper
75 100
77 35.6 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 2.499 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.009 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

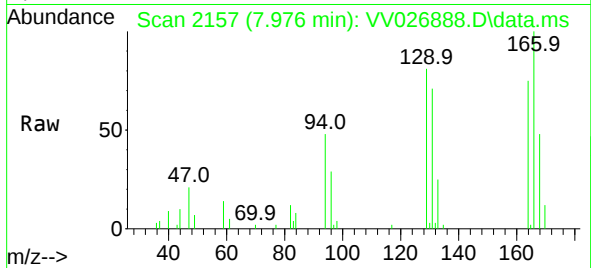
Tgt Ion: 97 Resp: 12451
Ion Ratio Lower Upper
97 100
99 62.0 44.0 81.8
83 83.1 59.9 111.3
85 53.2 39.0 72.4



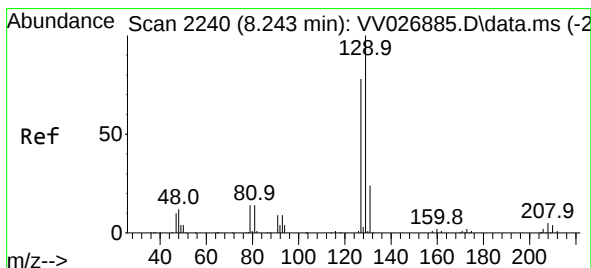
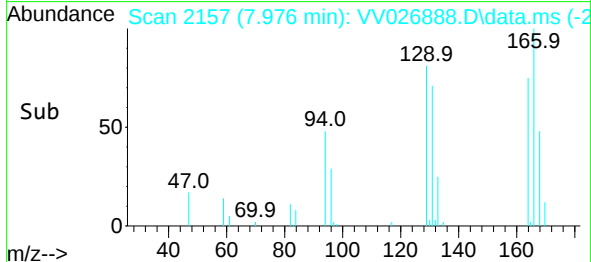
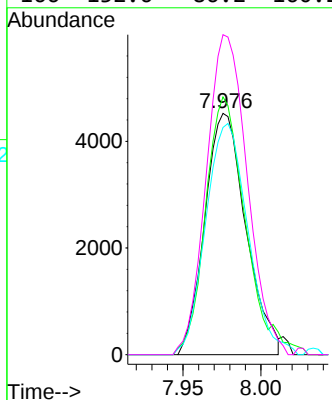


#46
Tetrachloroethene
Concen: 2.301 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

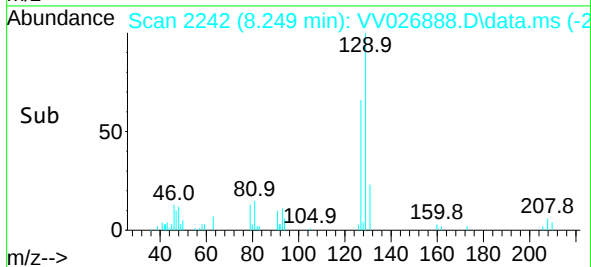
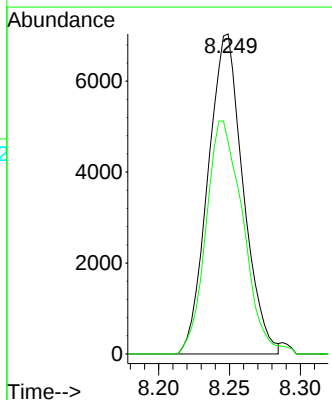
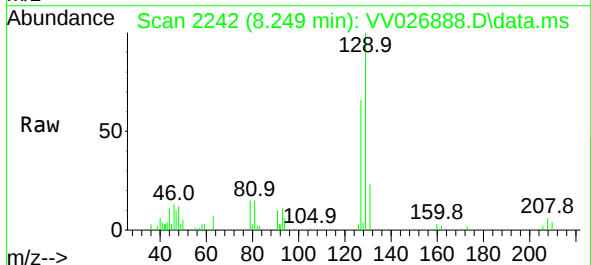


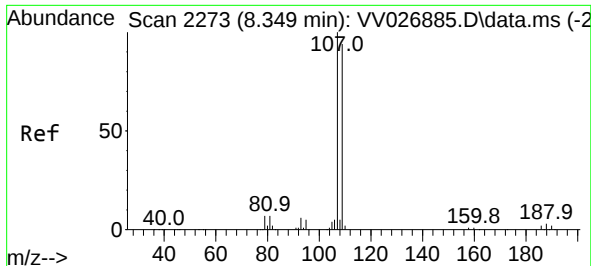
Tgt Ion:164 Resp: 8294
Ion Ratio Lower Upper
164 100
129 106.8 66.3 123.1
131 94.1 63.1 117.3
166 132.6 86.2 160.2



#49
Dibromochloromethane
Concen: 2.331 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion:129 Resp: 12139
Ion Ratio Lower Upper
129 100
127 66.3 53.7 99.7





#50

1,2-Dibromoethane

Concen: 2.641 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV026888.D

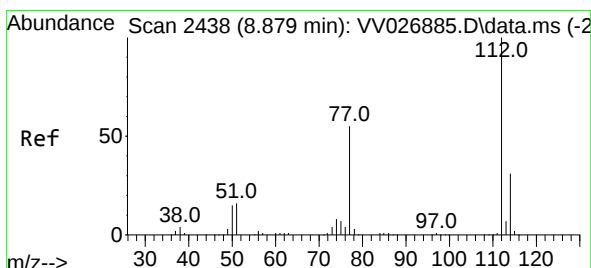
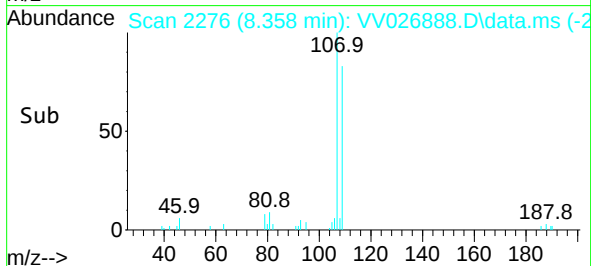
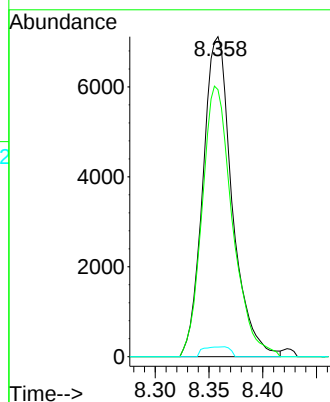
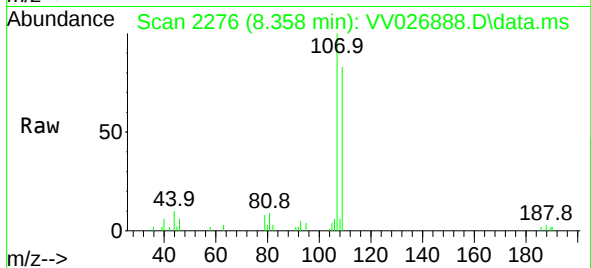
Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	13464
Ion Ratio	Lower	Upper
107	100	
109	83.4	64.9 120.5
188	3.0	2.6 3.8



#51

Chlorobenzene

Concen: 2.381 ug/L

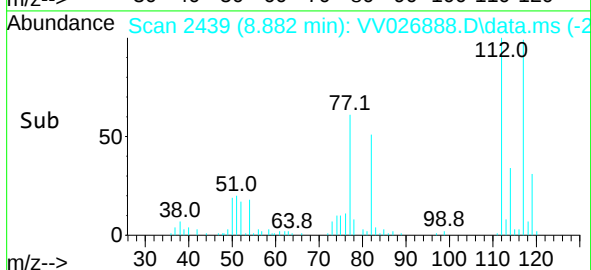
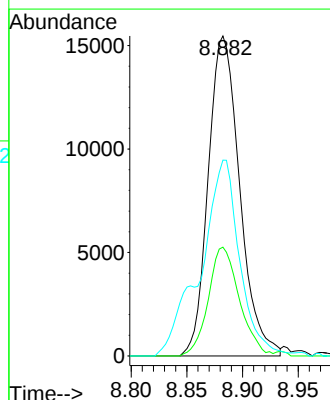
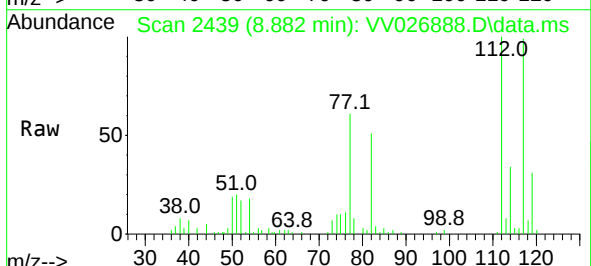
RT: 8.882 min Scan# 2439

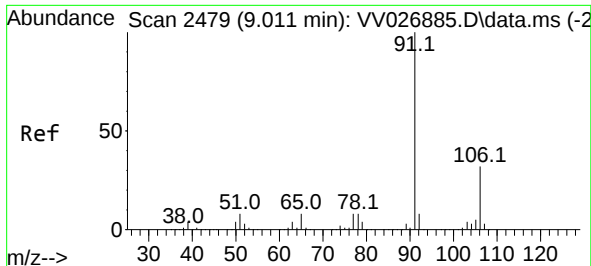
Delta R.T. 0.003 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Tgt Ion:112	Resp:	30451
Ion Ratio	Lower	Upper
112	100	
114	34.0	22.7 42.1
77	61.2	44.4 66.6





#52

Ethylbenzene

Concen: 2.097 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

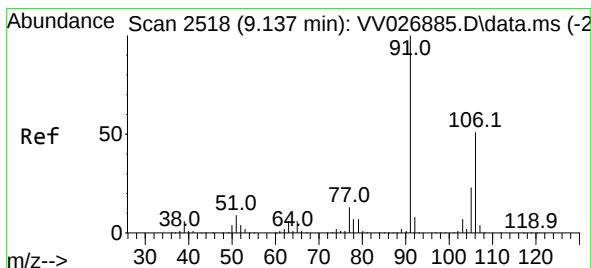
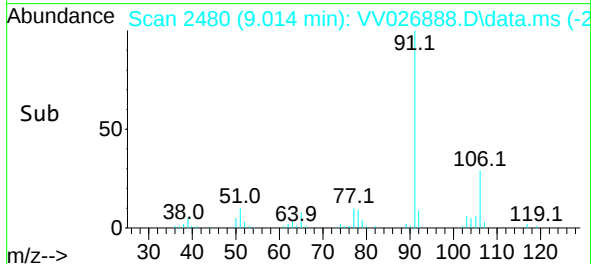
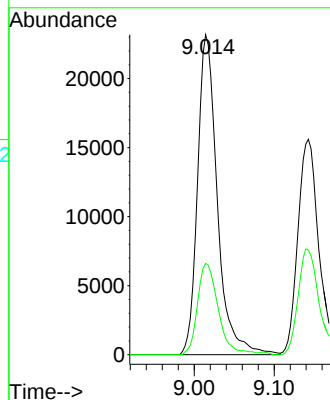
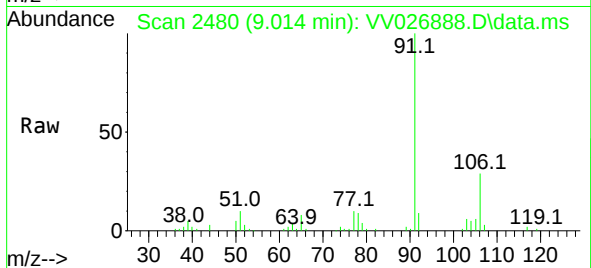
ClientSampleId :

Tgt Ion: 91 Resp: 39941

Ion Ratio Lower Upper

91 100

106 28.5 22.0 40.8



#53

m,p-Xylene

Concen: 1.862 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026888.D

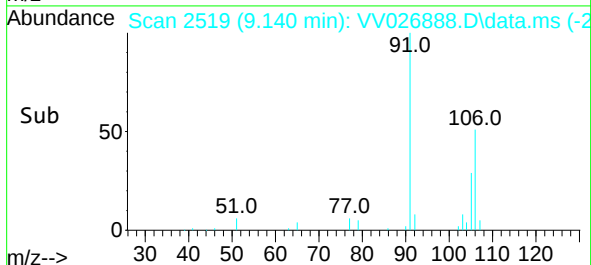
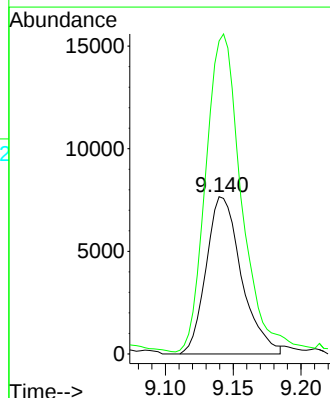
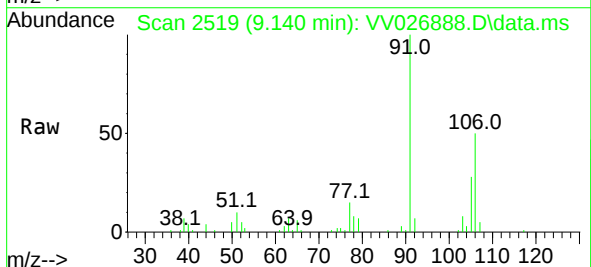
Acq: 22 Jul 2022 15:32

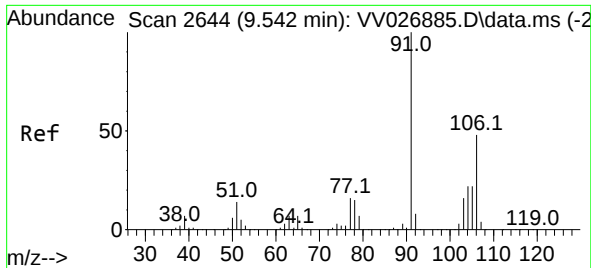
Tgt Ion: 106 Resp: 13888

Ion Ratio Lower Upper

106 100

91 199.0 140.0 260.0

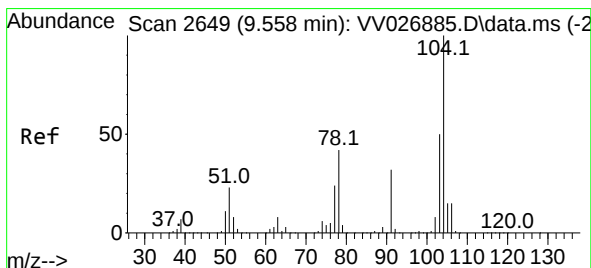
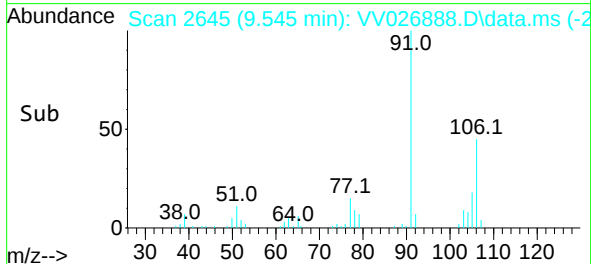
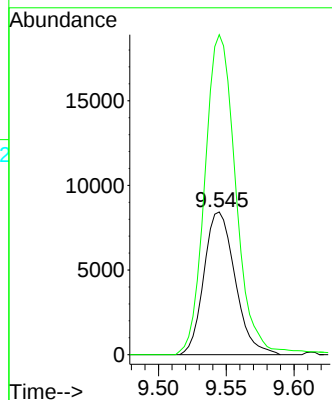
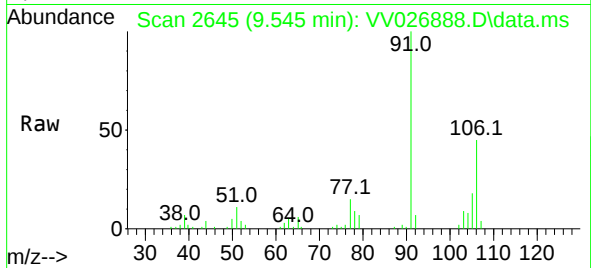




#54
o-Xylene
Concen: 1.877 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

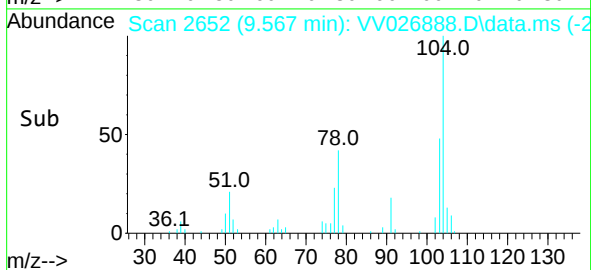
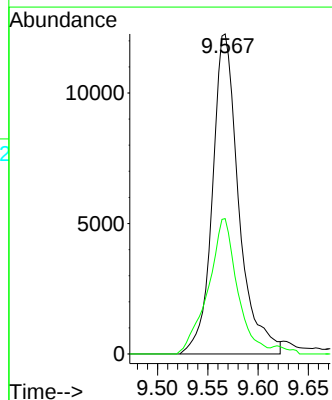
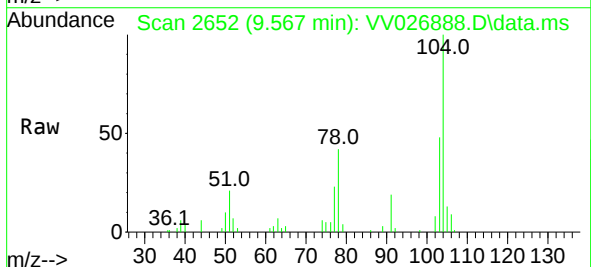
Instrument :
MSVOA_V
ClientSampleId :

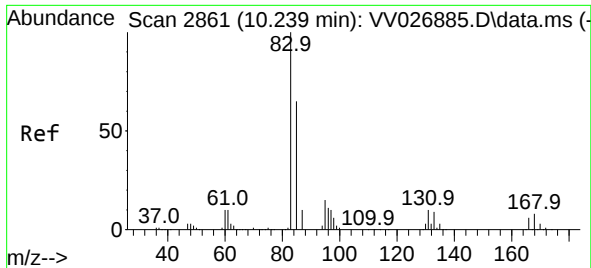
Tgt Ion:106 Resp: 13483
Ion Ratio Lower Upper
106 100
91 224.3 146.1 271.3



#55
Styrene
Concen: 1.762 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion:104 Resp: 22350
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0

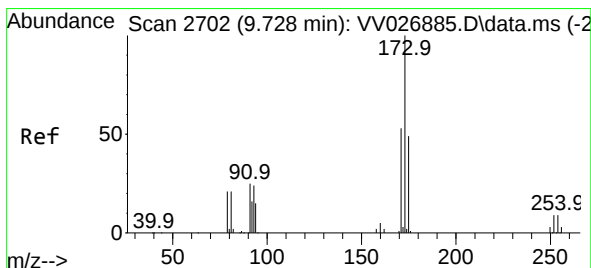
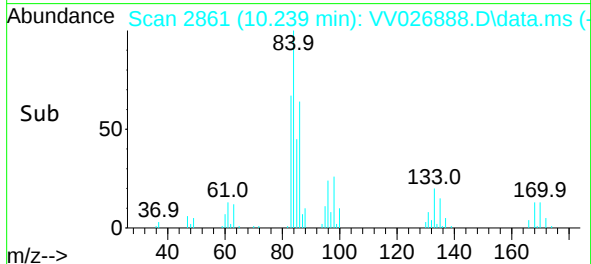
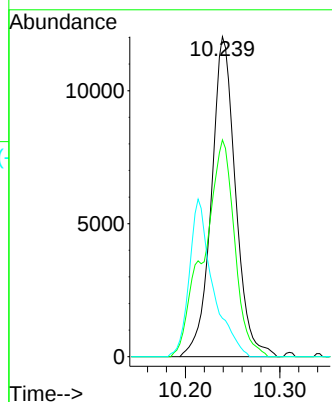
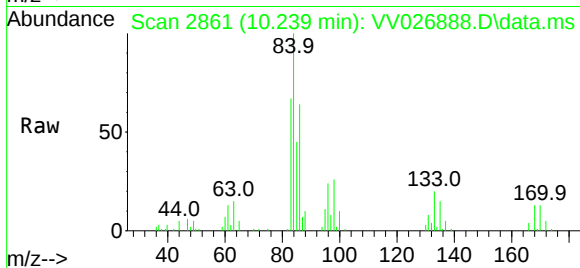




#57
 1,1,2-Tetrachloroethane
 Concen: 2.652 ug/L
 RT: 10.239 min Scan# 21336
 Delta R.T. -0.000 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

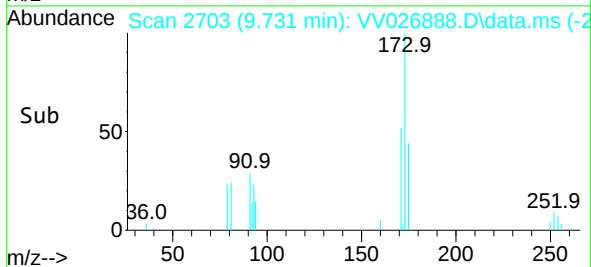
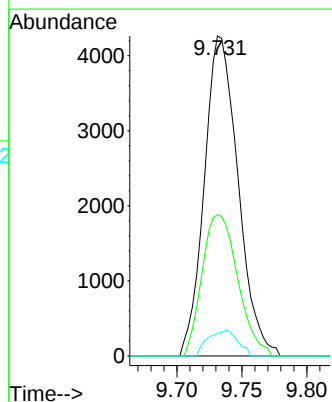
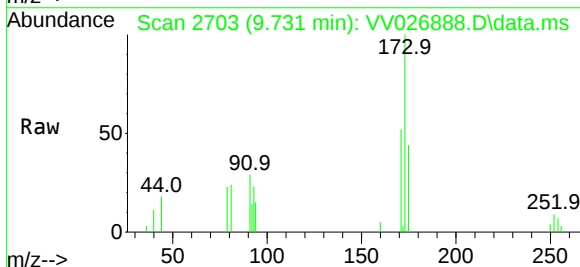
Instrument :
 MSVOA_V
 ClientSampleId :

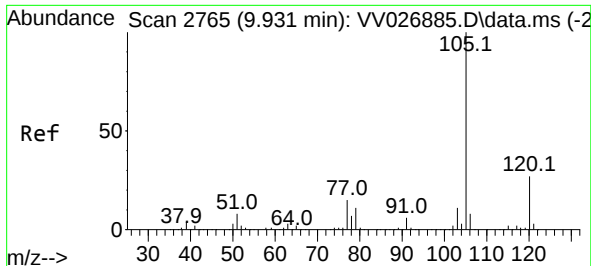
Tgt Ion: 83 Resp: 21336
 Ion Ratio Lower Upper
 83 100
 85 67.8 45.3 84.1
 131 12.0 7.8 11.6#



#59
 Bromoform
 Concen: 2.715 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Tgt Ion: 173 Resp: 7702
 Ion Ratio Lower Upper
 173 100
 175 46.7 38.6 57.8
 254 7.1 6.6 10.0

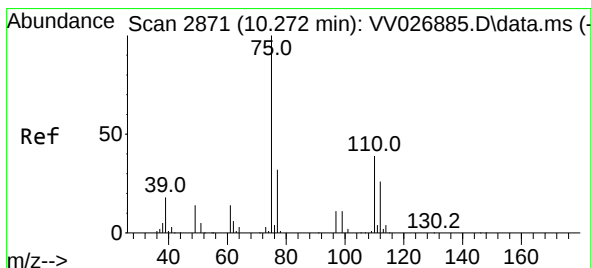
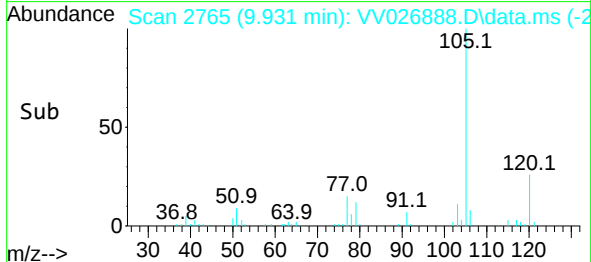
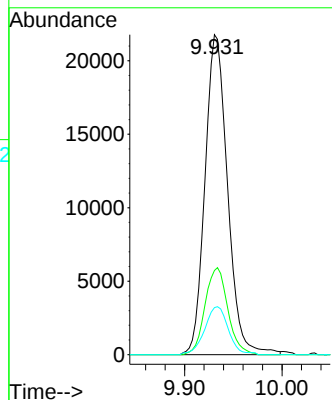
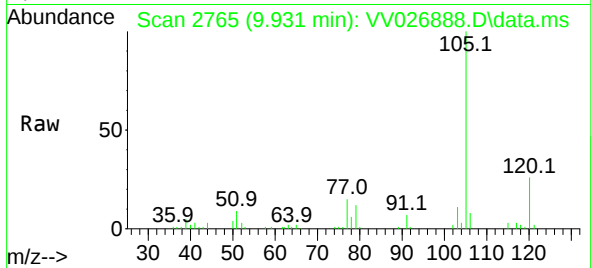




#60
Isopropylbenzene
Concen: 2.337 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

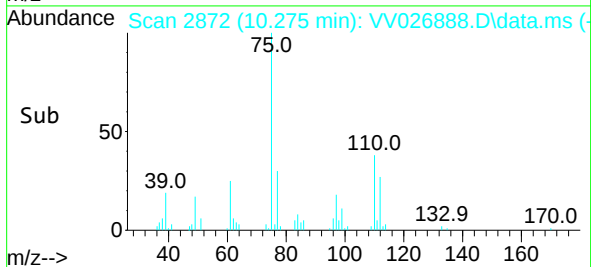
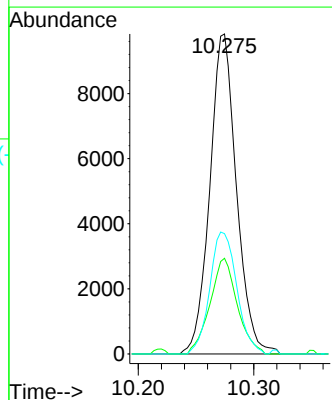
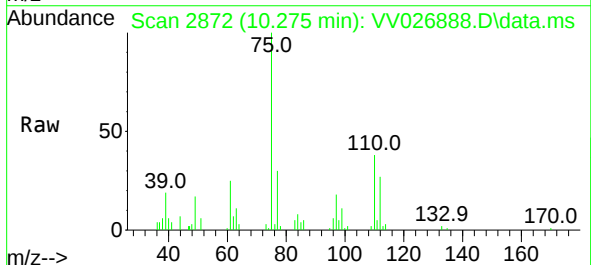
Instrument :
MSVOA_V
ClientSampleId :

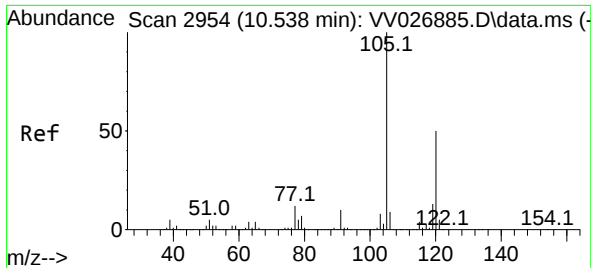
Tgt Ion:105 Resp: 35070
Ion Ratio Lower Upper
105 100
120 27.4 21.1 31.7
77 15.6 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 3.093 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

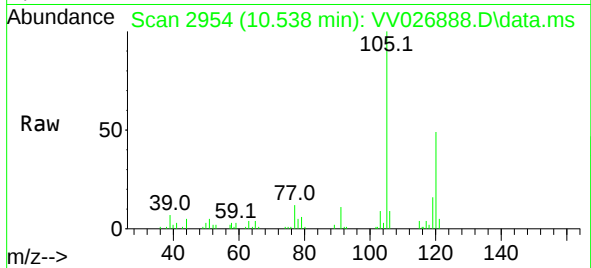
Tgt Ion: 75 Resp: 15759
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
110 38.7 31.7 47.5



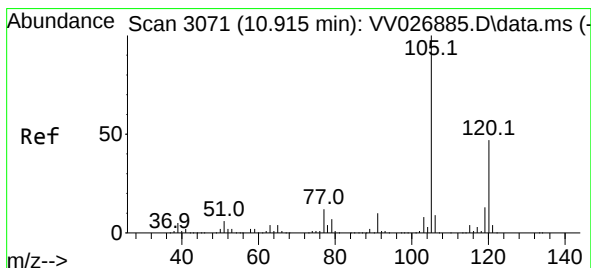
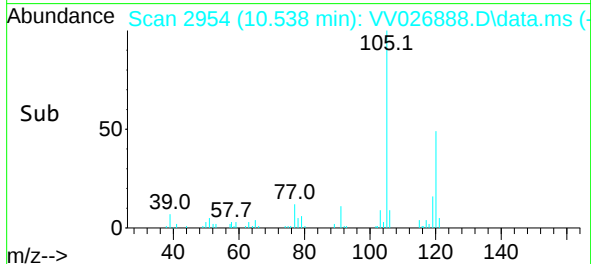
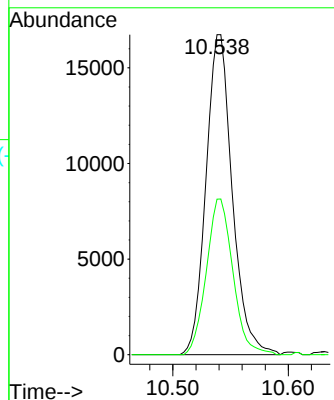


#62
 1,3,5-Trimethylbenzene
 Concen: 2.171 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Instrument :
 MSVOA_V
 ClientSampleId :

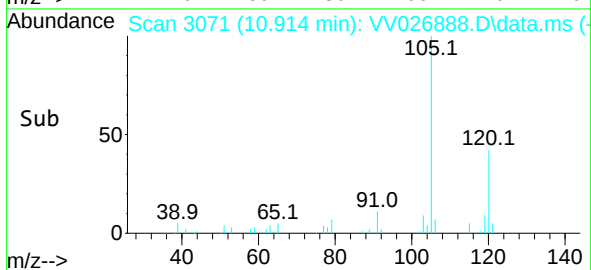
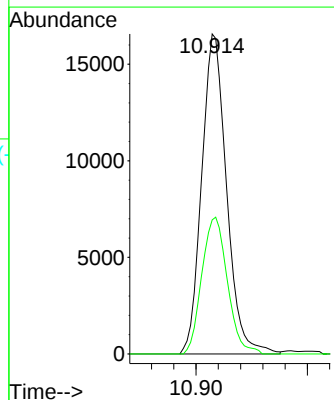
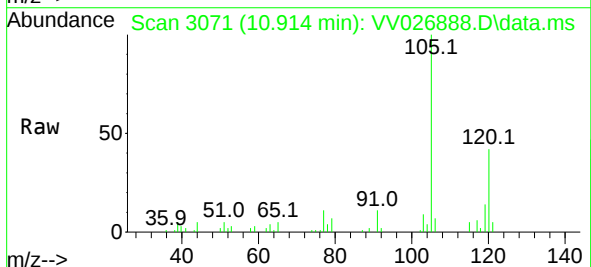


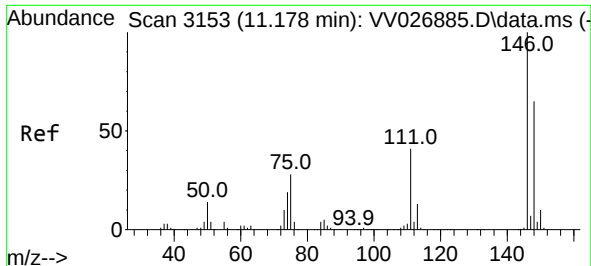
Tgt Ion:105 Resp: 26474
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 2.101 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026888.D
 Acq: 22 Jul 2022 15:32

Tgt Ion:105 Resp: 25703
 Ion Ratio Lower Upper
 105 100
 120 43.9 37.1 55.7

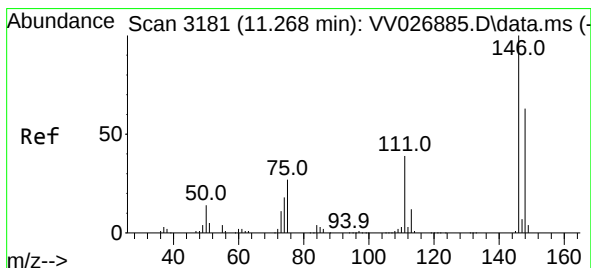
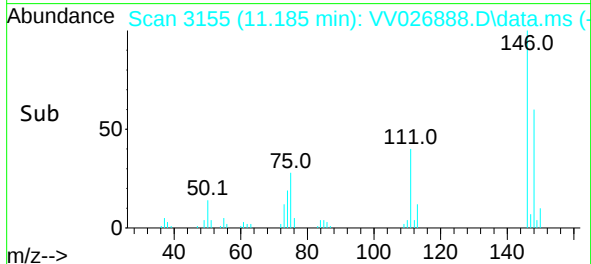
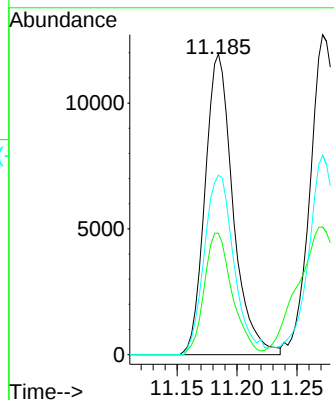
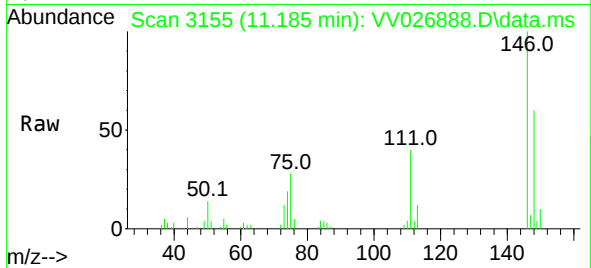




#64
1,3-Dichlorobenzene
Concen: 2.534 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

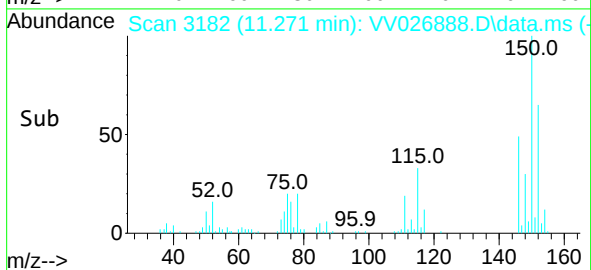
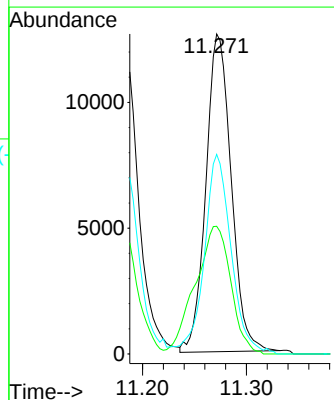
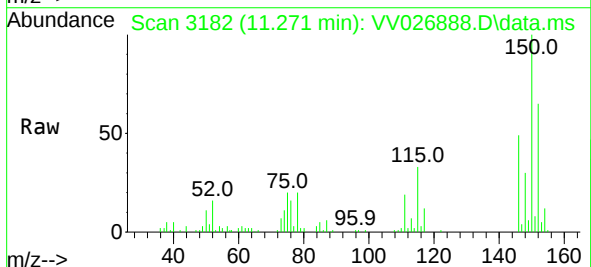
Instrument :
MSVOA_V
ClientSampleId :

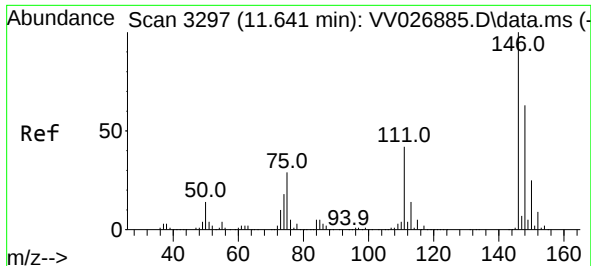
Tgt Ion:146 Resp: 19431
Ion Ratio Lower Upper
146 100
111 40.4 27.9 51.9
148 59.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 2.631 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion:146 Resp: 21373
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 62.3 44.4 82.4

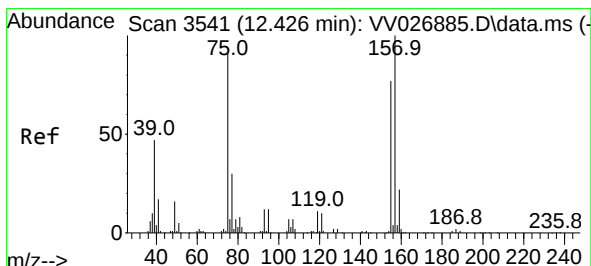
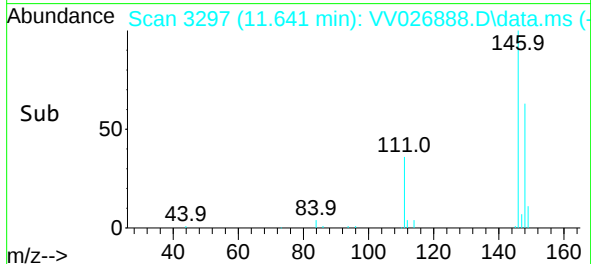
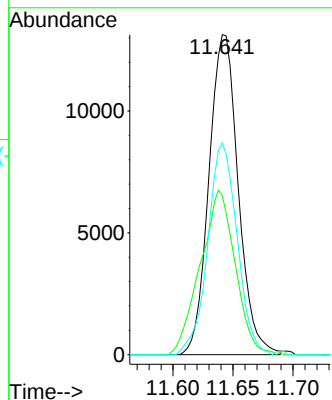
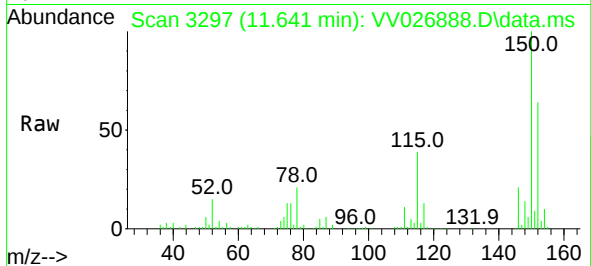




#67
1,2-Dichlorobenzene
Concen: 2.838 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

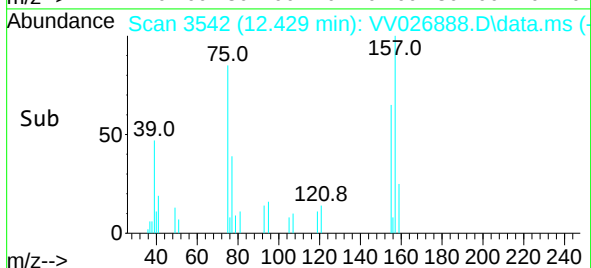
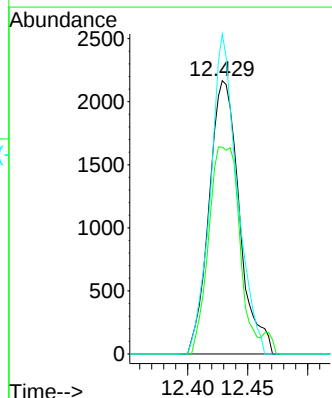
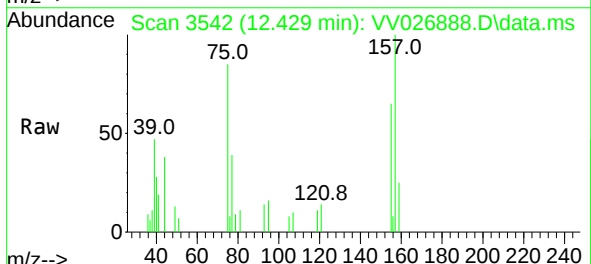
Instrument :
MSVOA_V
ClientSampleId :

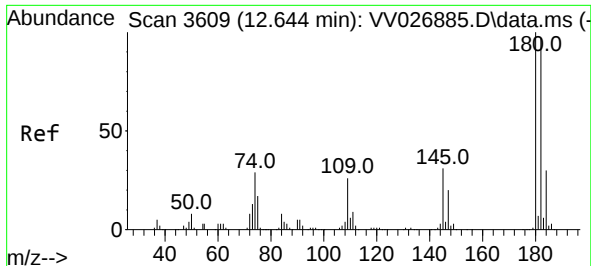
Tgt Ion:146 Resp: 22326
Ion Ratio Lower Upper
146 100
111 49.6 33.2 49.8
148 66.2 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.782 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026888.D
Acq: 22 Jul 2022 15:32

Tgt Ion: 75 Resp: 3788
Ion Ratio Lower Upper
75 100
155 75.6 67.7 101.5
157 117.1 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 2.407 ug/L

RT: 12.647 min Scan# 3

Delta R.T. 0.003 min

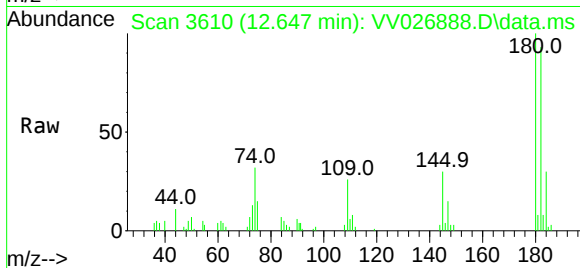
Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13066

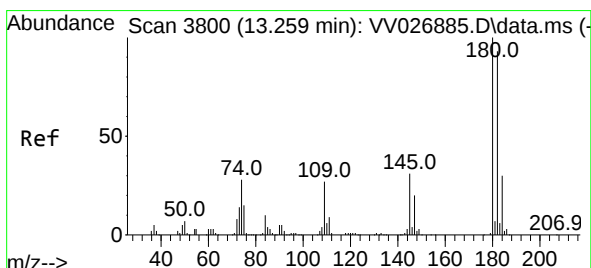
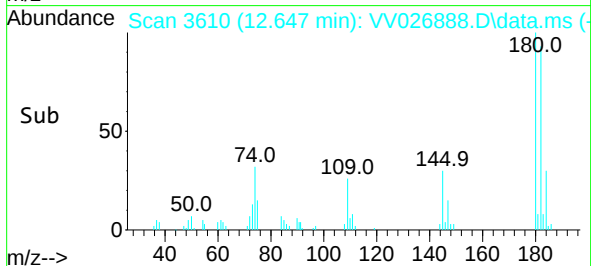
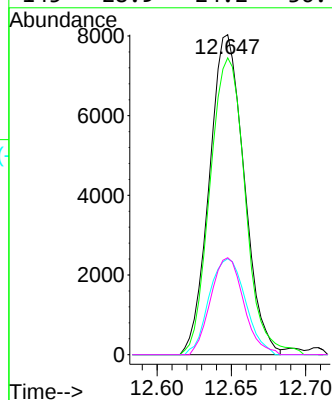
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

184 31.3 23.8 35.8

145 28.9 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 2.355 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

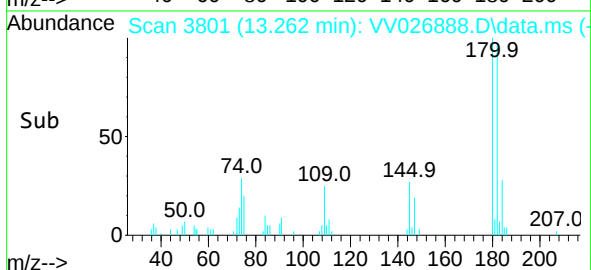
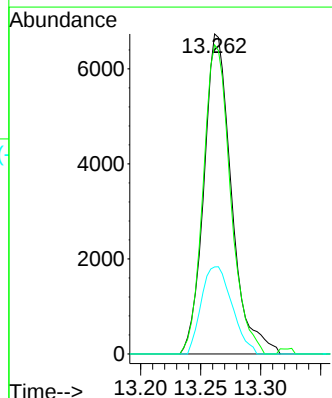
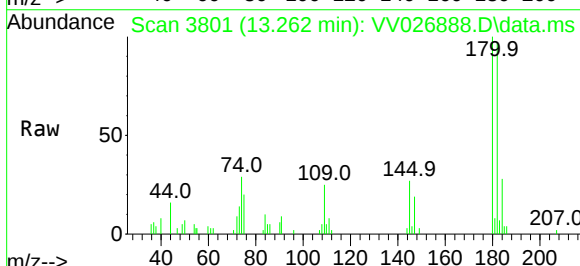
Tgt Ion:180 Resp: 10771

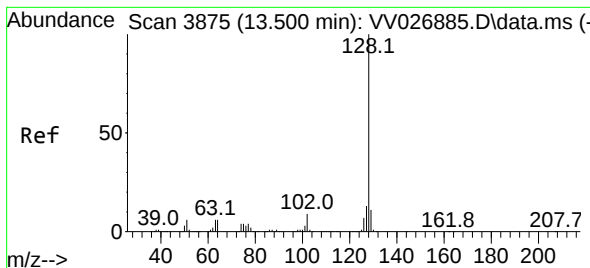
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 30.3 25.0 37.6





#71

Naphthalene

Concen: 2.048 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026888.D

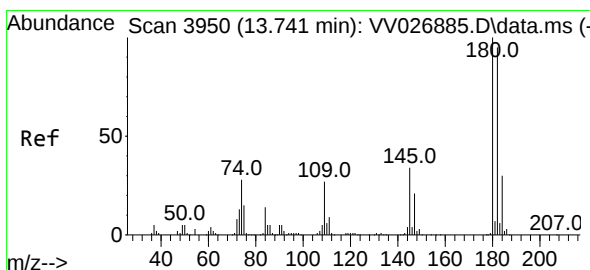
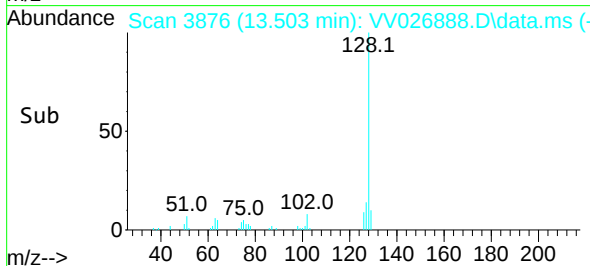
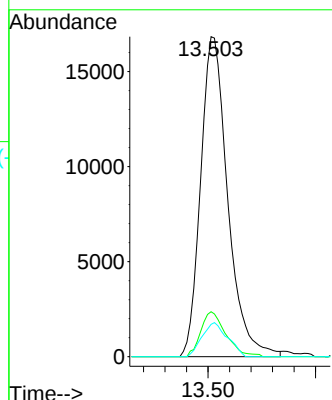
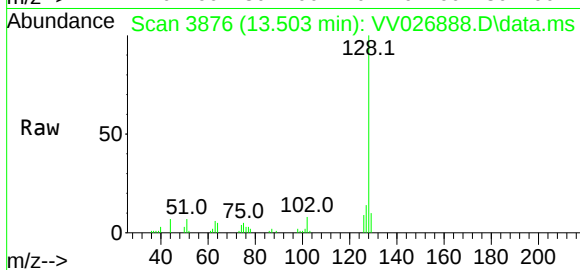
Acq: 22 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	29456
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.4 15.6
129	10.0	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.347 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026888.D

Acq: 22 Jul 2022 15:32

Tgt Ion:180	Resp:	11197
Ion Ratio	Lower	Upper
180	100	
182	92.3	75.4 113.2
145	31.2	26.6 40.0

