

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026889.D
 Acq On : 22 Jul 2022 15:57
 Operator : SY/MD
 Sample : N3670-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 04:55:01 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	5.613	114	528443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	537697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	238267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	211632	47.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.500%
7) Chloroethane-d5	1.561	69	175405	48.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.840%
11) 1,1-Dichloroethene-d2	2.101	63	294173	36.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.780%
21) 2-Butanone-d5	3.883	46	347606	116.356	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	4.342	84	421925	48.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.740%
26) 1,2-Dichloroethane-d4	5.027	65	256805	51.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.940%
32) Benzene-d6	5.047	84	835095	51.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.760%
36) 1,2-Dichloropropane-d6	6.066	67	279025	53.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.540%
41) Toluene-d8	7.313	98	689968	48.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	7.619	79	108039	49.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.460%
47) 2-Hexanone-d5	8.088	63	260259	114.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	410256	51.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	257745	57.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	12565	2.302	ug/L	96
3) Chloromethane	1.240	50	12922	2.531	ug/L	100
5) Vinyl chloride	1.307	62	13499	2.487	ug/L #	79
6) Bromomethane	1.516	94	9405	2.868	ug/L	99
8) Chloroethane	1.581	64	7914	2.482	ug/L	99
9) Trichlorofluoromethane	1.748	101	18022	2.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	12784	2.923	ug/L	88
12) 1,1-Dichloroethene	2.111	96	12341	3.020	ug/L #	1
13) Acetone	2.175	43	13155	6.271	ug/L	99
14) Carbon disulfide	2.288	76	28880	2.477	ug/L	98
15) Methyl Acetate	2.436	43	11420	2.468	ug/L	99
16) Methylene chloride	2.503	84	19763	3.795	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	10359	2.399	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	27550	2.297	ug/L	98
19) 1,1-Dichloroethane	3.185	63	19836	2.495	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	11286	2.480	ug/L	99
22) 2-Butanone	4.005	43	12636	4.417	ug/L #	66
23) Bromochloromethane	4.246	128	2862	1.099	ug/L	95
27) 1,2-Dichloroethane	5.133	62	15096	2.523	ug/L	97

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 Response via : Initial Calibration

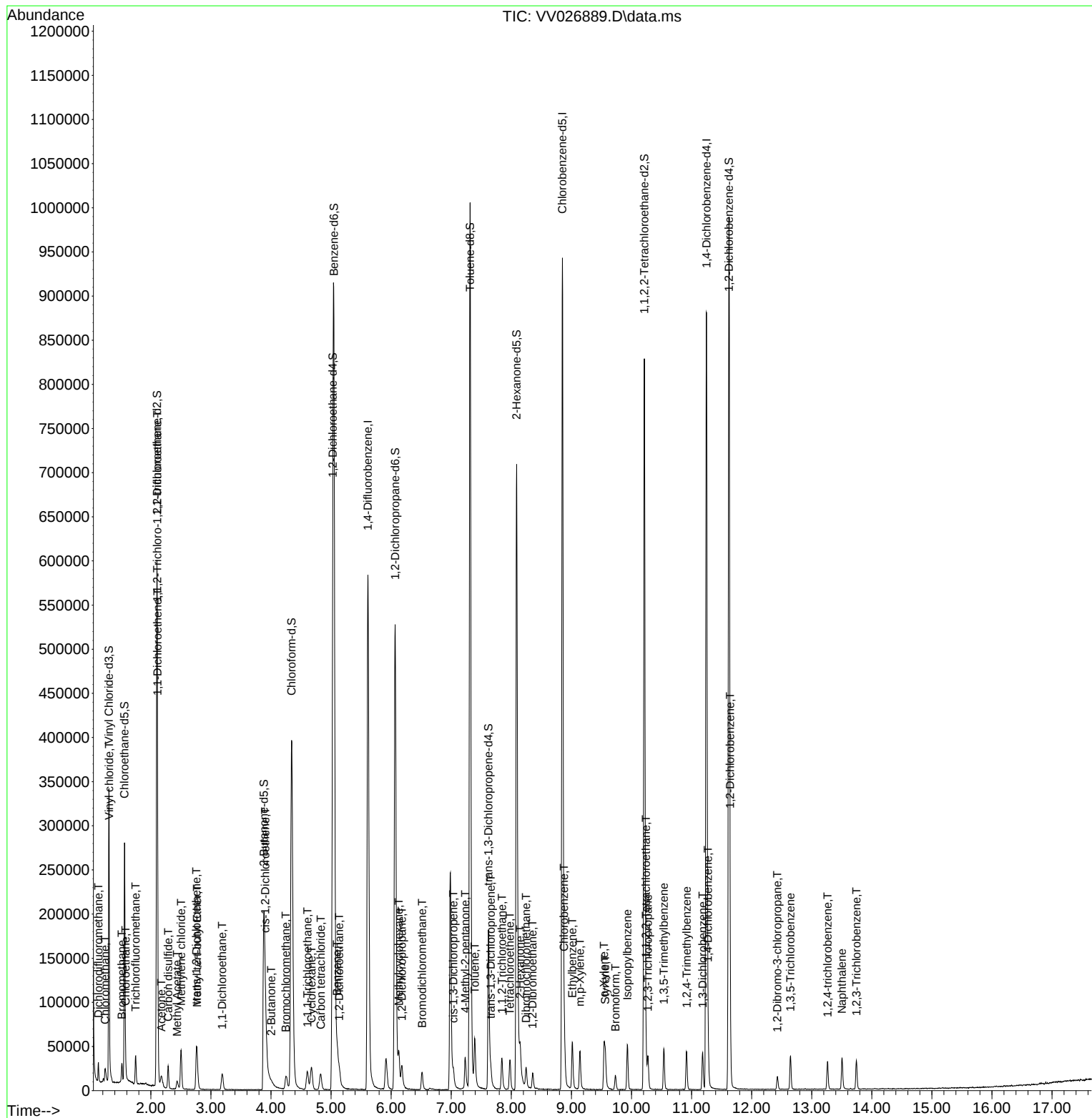
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.674	56	12210	2.172	ug/L	96
30) 1,1,1-Trichloroethane	4.606	97	16915	2.381	ug/L	100
31) Carbon tetrachloride	4.828	117	14529	2.336	ug/L	98
33) Benzene	5.098	78	43394	2.510	ug/L	100
35) Methylcyclohexane	6.127	83	14936	2.270	ug/L	96
37) 1,2-Dichloropropane	6.178	63	10451	2.322	ug/L #	92
38) Bromodichloromethane	6.516	83	14432	2.366	ug/L #	98
39) cis-1,3-Dichloropropene	7.034	75	13549	2.169	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	23795	4.443	ug/L #	97
42) Toluene	7.391	91	42840	2.427	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	14413	2.340	ug/L	88
45) 1,1,2-Trichloroethane	7.844	97	12172	2.540	ug/L	98
46) Tetrachloroethene	7.976	164	7690	2.219	ug/L	94
48) 2-Hexanone	8.146	43	25777	6.184	ug/L	96
49) Dibromochloromethane	8.246	129	11660	2.328	ug/L	99
50) 1,2-Dibromoethane	8.355	107	12019	2.451	ug/L	93
51) Chlorobenzene	8.879	112	29167	2.371	ug/L	98
52) Ethylbenzene	9.014	91	37399	2.041	ug/L	99
53) m,p-Xylene	9.143	106	12810	1.786	ug/L	98
54) o-Xylene	9.545	106	12736	1.843	ug/L	98
55) Styrene	9.564	104	21457	1.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	22571	2.917	ug/L	94
59) Bromoform	9.735	173	7167	2.692	ug/L #	99
60) Isopropylbenzene	9.931	105	31699	2.251	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	15495	3.241	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	24550	2.145	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	23655	2.061	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	18186	2.528	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	18775	2.463	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	20957	2.839	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	3784	2.962	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	12326	2.420	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	9982	2.326	ug/L	99
71) Naphthalene	13.503	128	29801	2.208	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	10435	2.331	ug/L	98

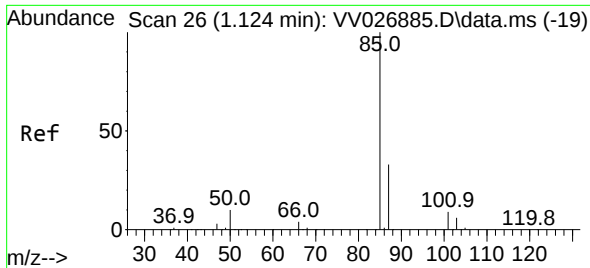
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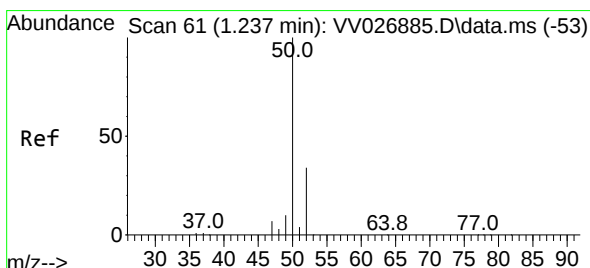
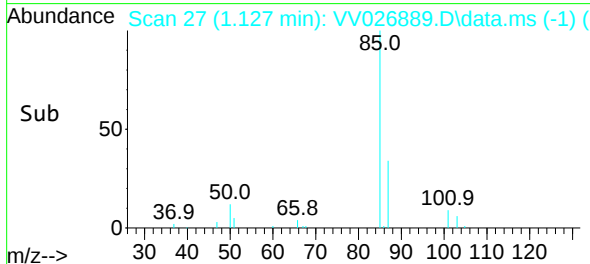
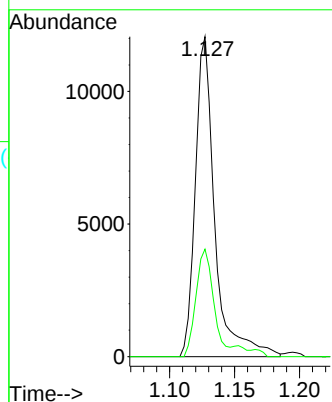
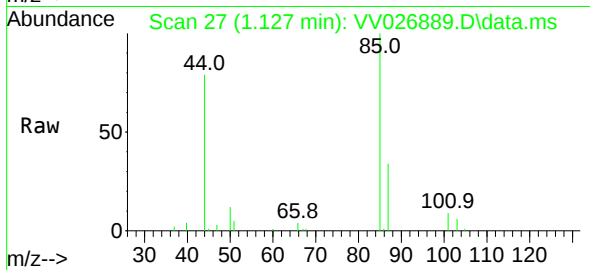




#2
 Dichlorodifluoromethane
 Concen: 2.302 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

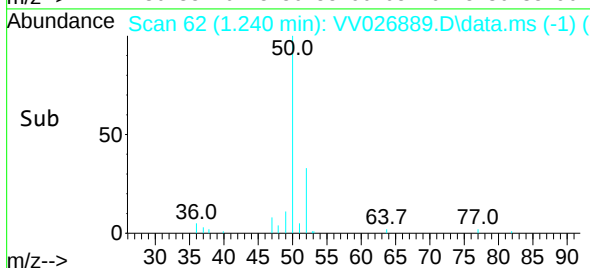
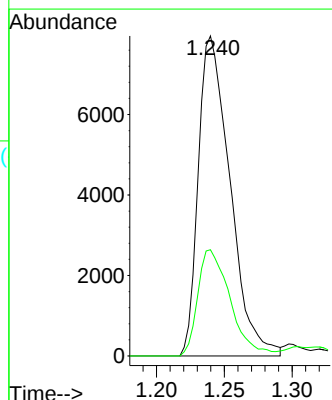
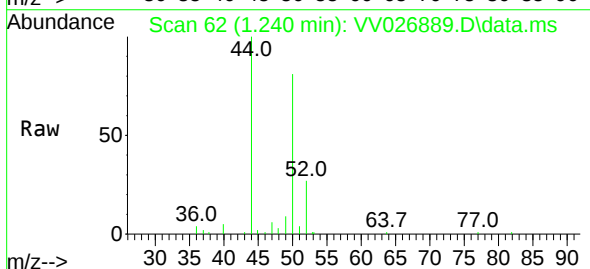
Instrument :
 MSVOA_V
 ClientSampleId :

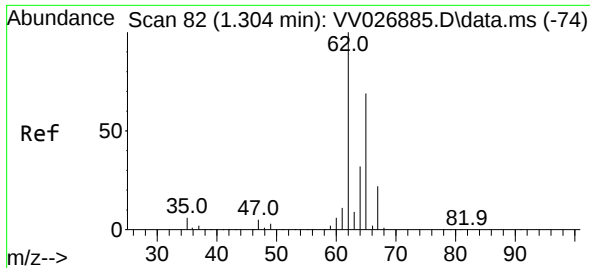
Tgt Ion: 85 Resp: 12565
 Ion Ratio Lower Upper
 85 100
 87 30.5 26.1 39.1



#3
 Chloromethane
 Concen: 2.531 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Tgt Ion: 50 Resp: 12922
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9

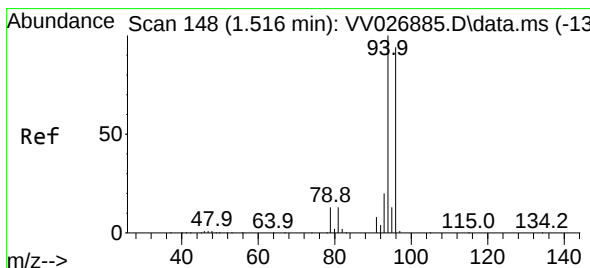
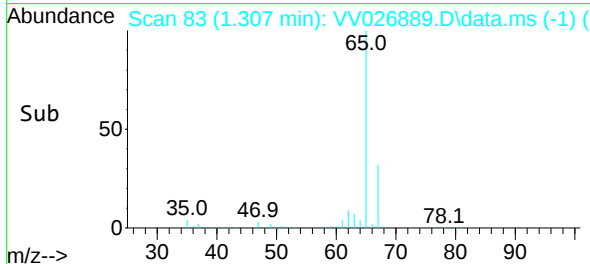
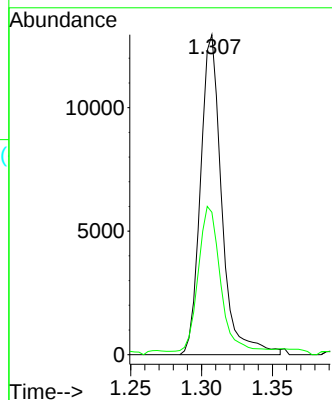
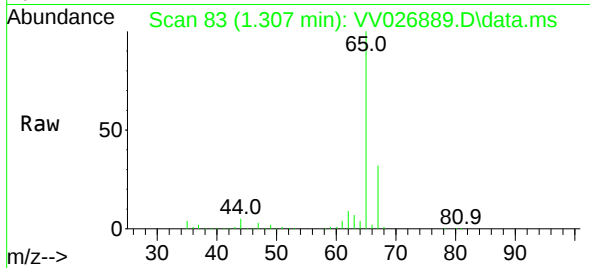




#5
 Vinyl chloride
 Concen: 2.487 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

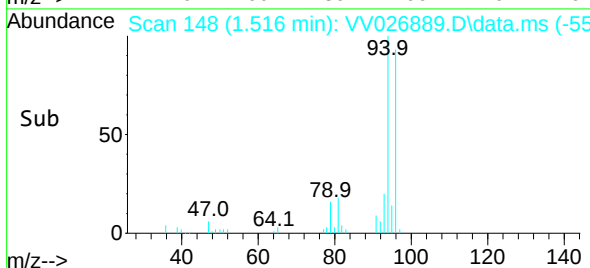
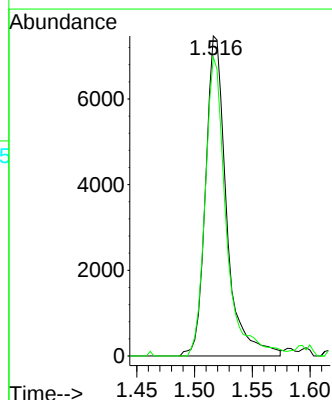
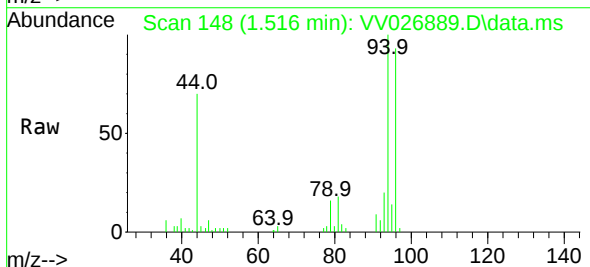
Instrument :
 MSVOA_V
 ClientSampleId :

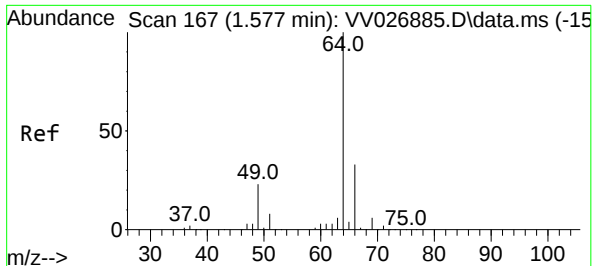
Tgt Ion: 62 Resp: 13499
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.0 42.6#



#6
 Bromomethane
 Concen: 2.868 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Tgt Ion: 94 Resp: 9405
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.8 122.2





#8

Chloroethane

Concen: 2.482 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

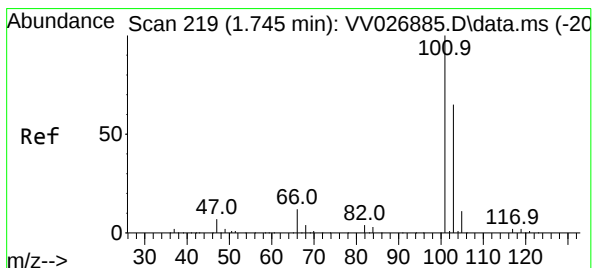
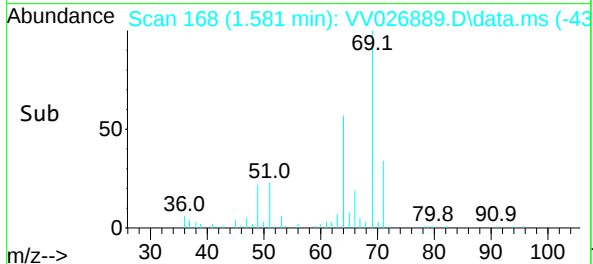
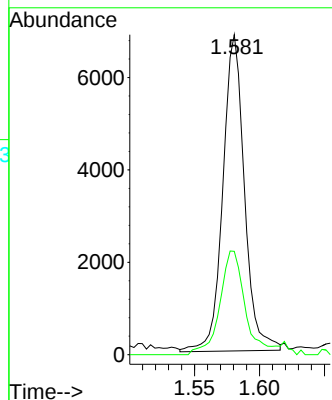
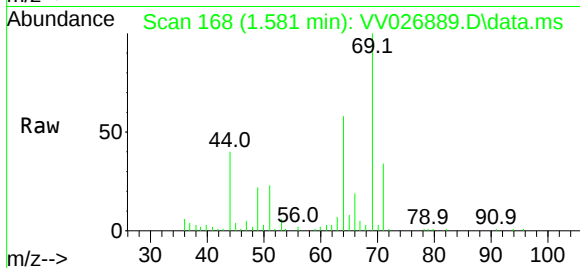
ClientSampleId :

Tgt Ion: 64 Resp: 7914

Ion Ratio Lower Upper

64 100

66 32.3 23.2 43.0



#9

Trichlorofluoromethane

Concen: 2.410 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.003 min

Lab File: VV026889.D

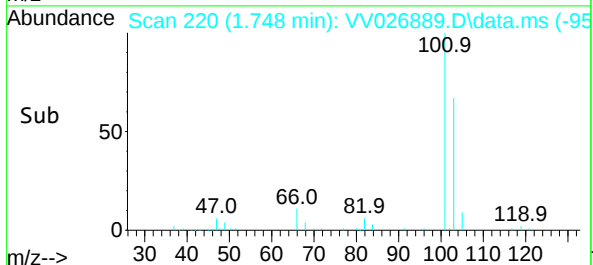
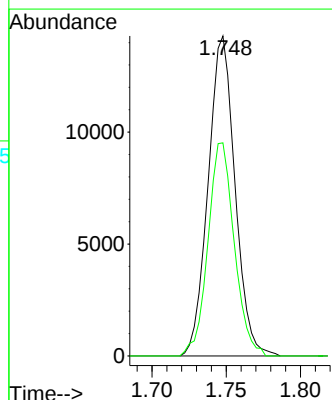
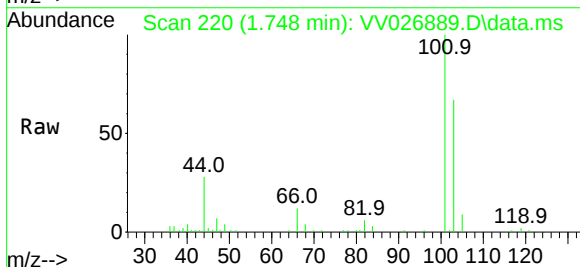
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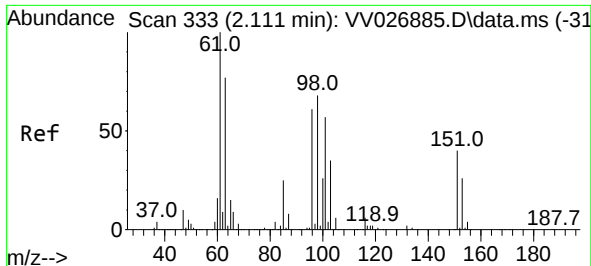
Tgt Ion:101 Resp: 18022

Ion Ratio Lower Upper

101 100

103 65.2 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.923 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026889.D

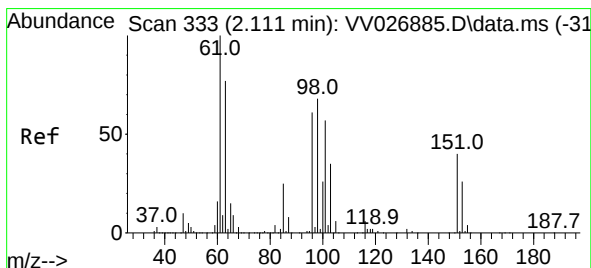
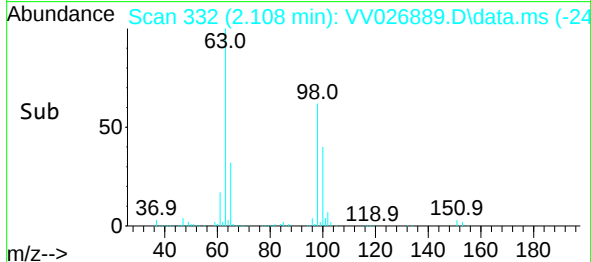
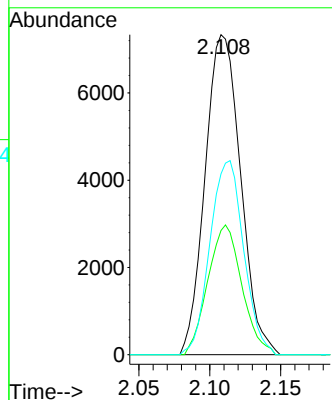
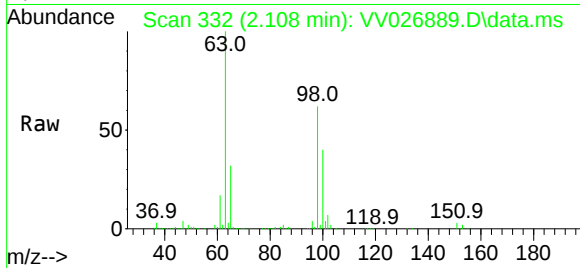
Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	12784
Ion Ratio	Lower	Upper
101	100	
85	38.8	33.1 49.7
151	57.6	57.1 85.7



#12

1,1-Dichloroethene

Concen: 3.020 ug/L

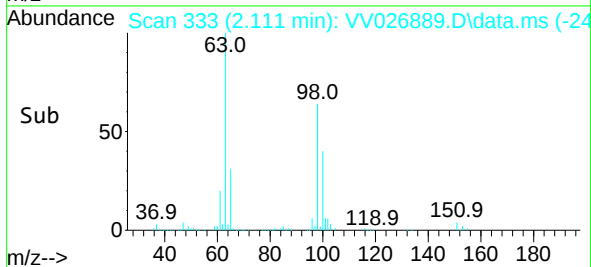
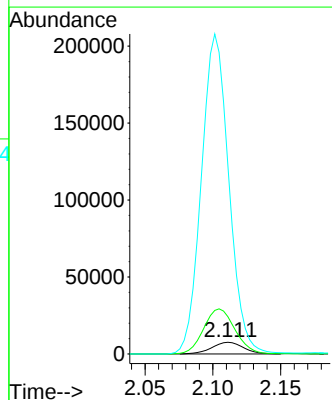
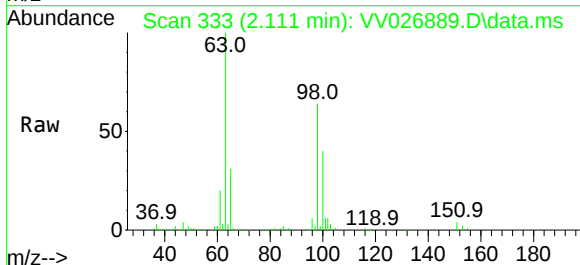
RT: 2.111 min Scan# 333

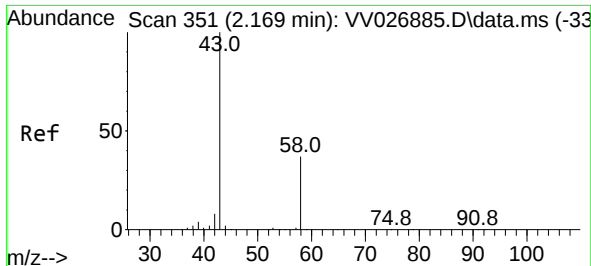
Delta R.T. -0.000 min

Lab File: VV026889.D

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Tgt Ion: 96	Resp:	12341
Ion Ratio	Lower	Upper
96	100	
61	318.5	114.2 212.0#
63	1614.4	87.0 161.6#





#13

Acetone

Concen: 6.271 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.006 min

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MSVOA_V

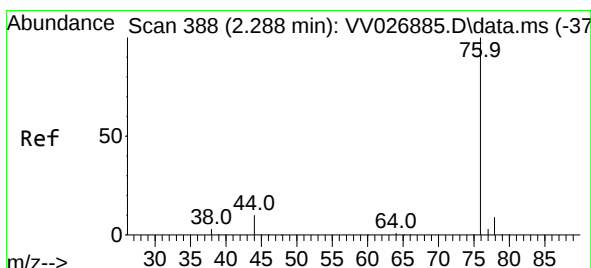
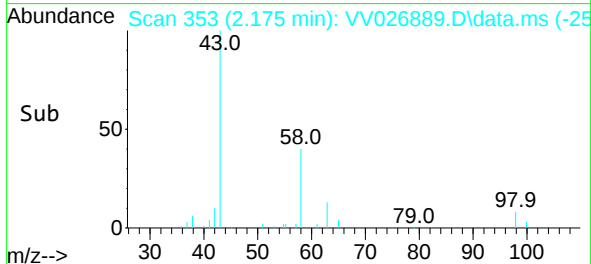
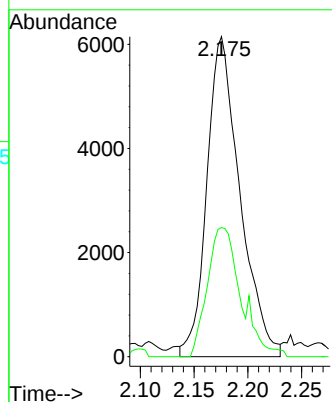
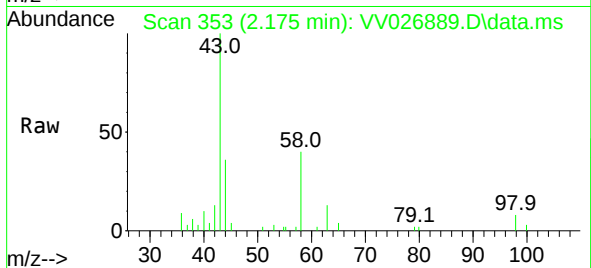
ClientSampleId :

Tgt Ion: 43 Resp: 13155

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.6



#14

Carbon disulfide

Concen: 2.477 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026889.D

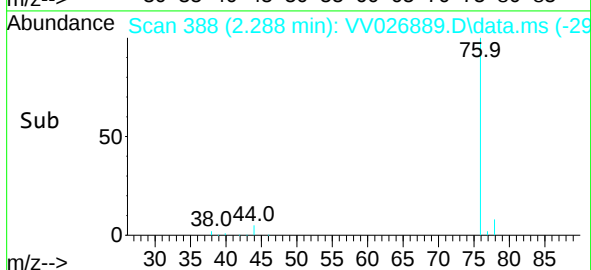
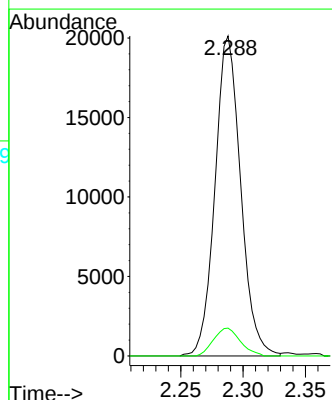
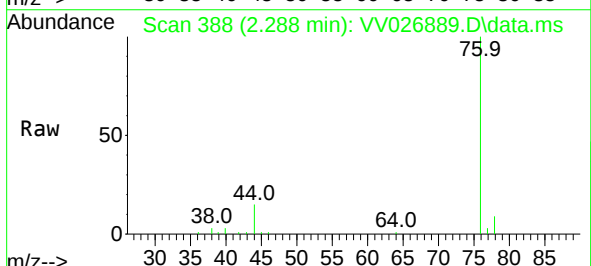
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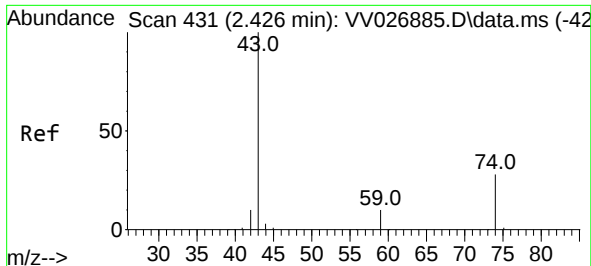
Tgt Ion: 76 Resp: 28880

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

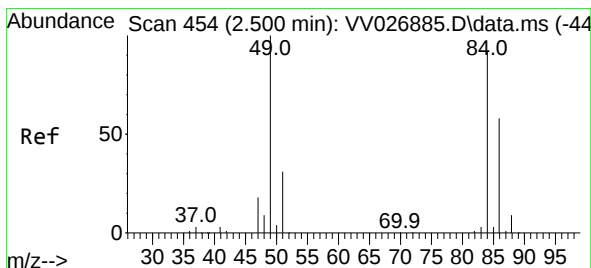
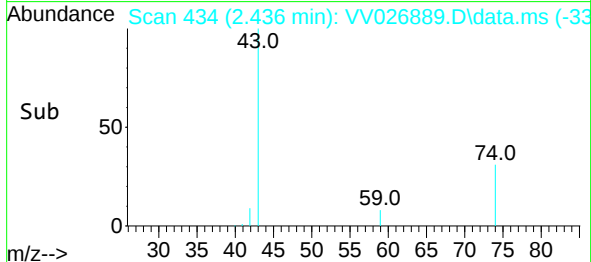
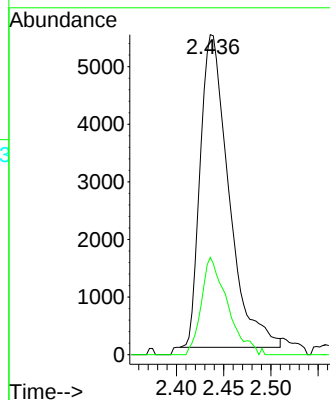
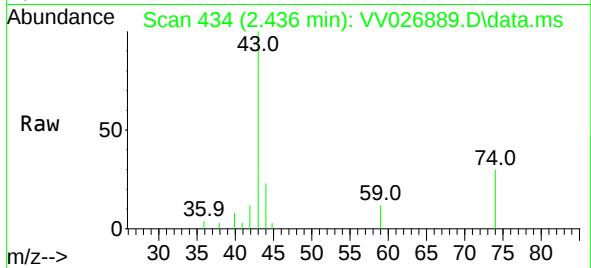




#15
Methyl Acetate
Concen: 2.468 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

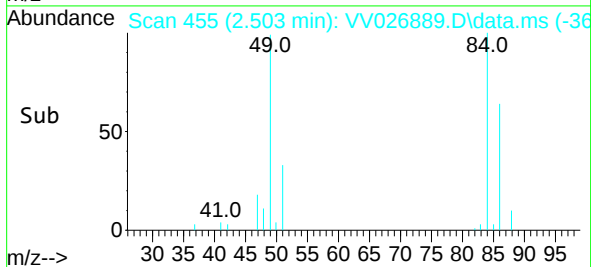
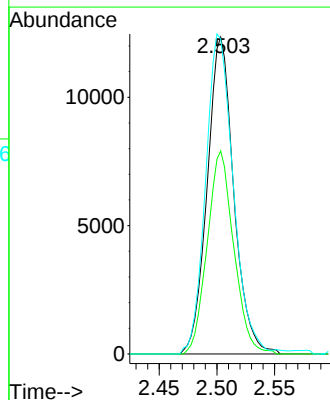
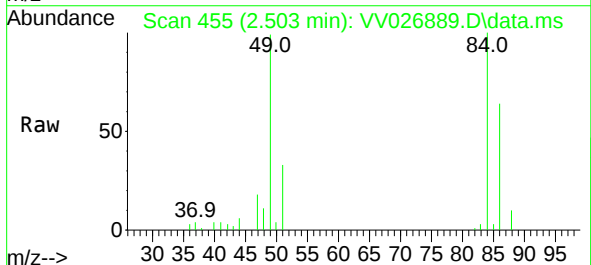
Instrument :
MSVOA_V
ClientSampleId :

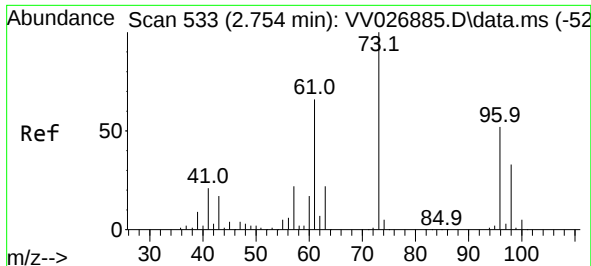
Tgt Ion: 43 Resp: 11420
Ion Ratio Lower Upper
43 100
74 26.9 22.1 33.1



#16
Methylene chloride
Concen: 3.795 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion: 84 Resp: 19763
Ion Ratio Lower Upper
84 100
86 64.1 44.5 82.7
49 99.4 75.0 139.2

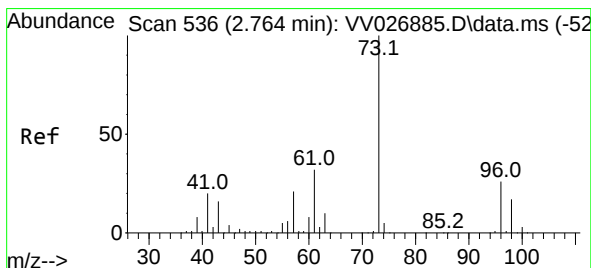
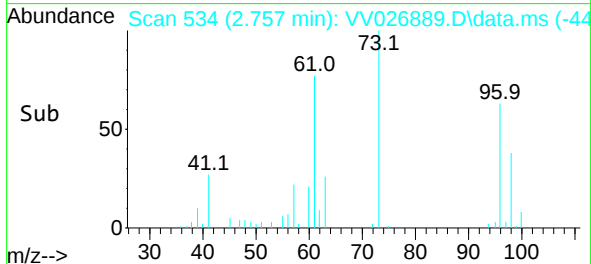
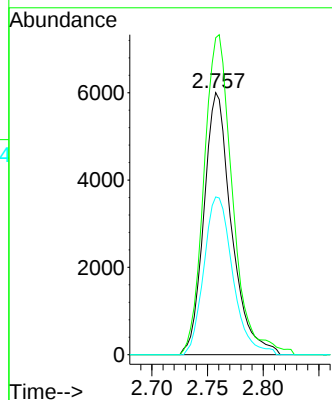
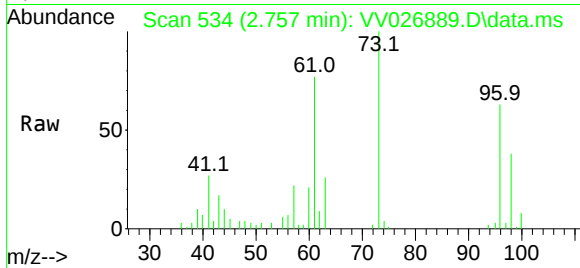




#17
trans-1,2-Dichloroethene
Concen: 2.399 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

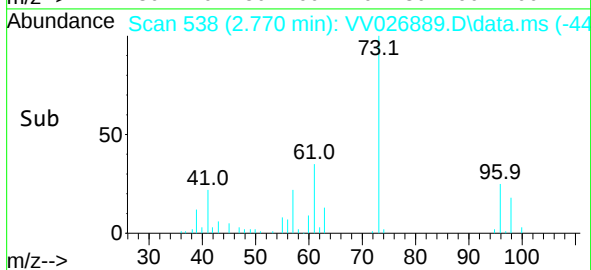
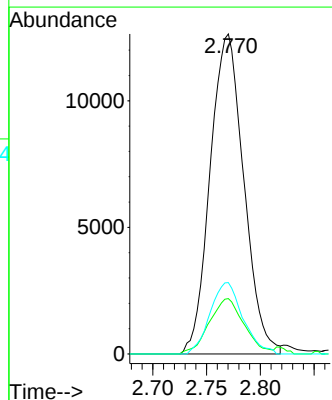
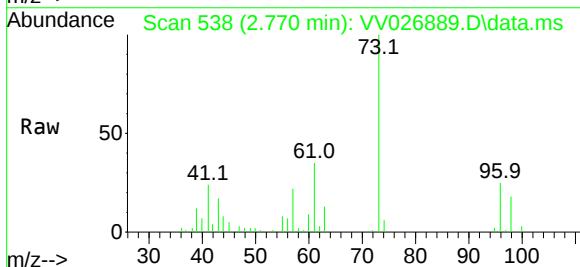
Instrument :
MSVOA_V
ClientSampleId :

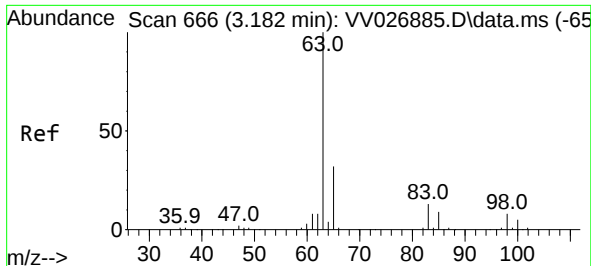
Tgt Ion: 96 Resp: 10359
Ion Ratio Lower Upper
96 100
61 120.9 89.2 165.6
98 60.2 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 2.297 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion: 73 Resp: 27550
Ion Ratio Lower Upper
73 100
43 17.9 12.8 19.2
57 21.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 2.495 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026889.D

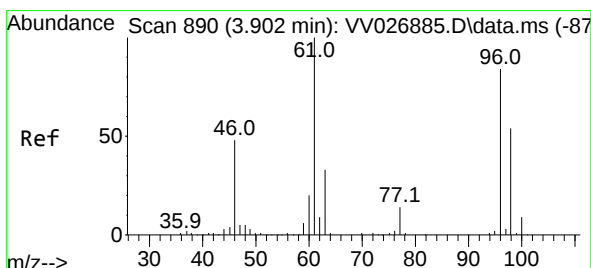
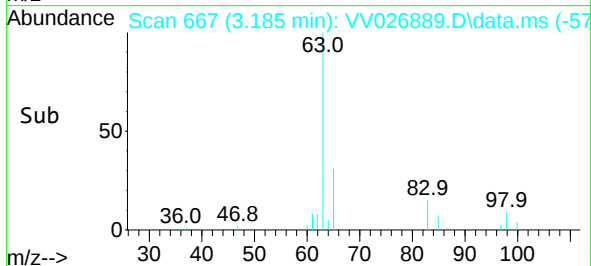
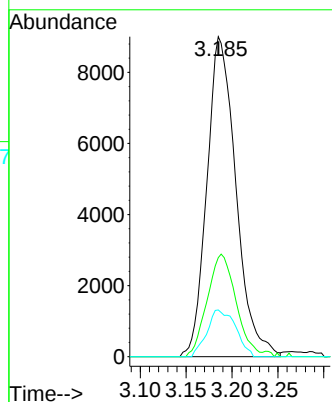
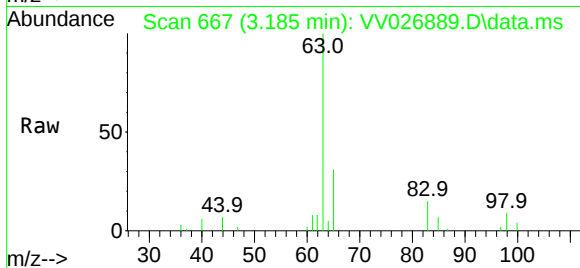
Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	19836
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.6	42.0
83	14.6	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 2.480 ug/L

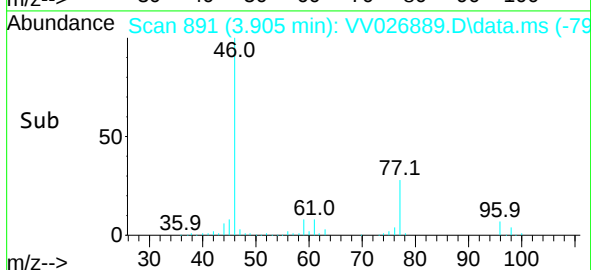
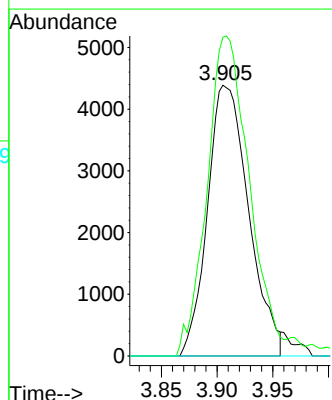
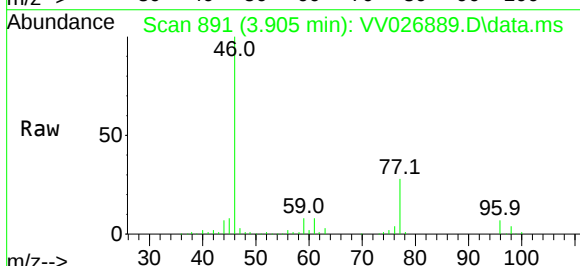
RT: 3.905 min Scan# 891

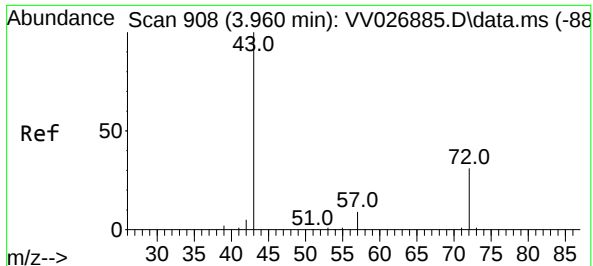
Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Tgt Ion:	96	Resp:	11286
Ion	Ratio	Lower	Upper
96	100		
61	117.7	83.0	154.1
68	0.0	0.0	0.0

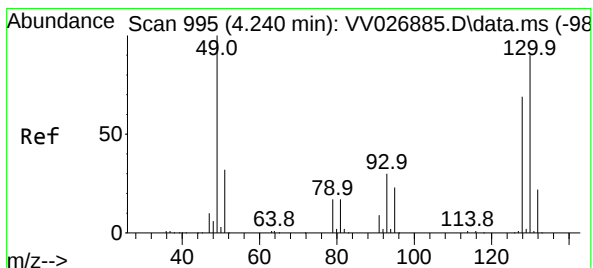
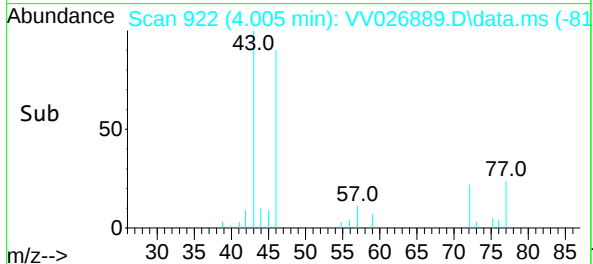
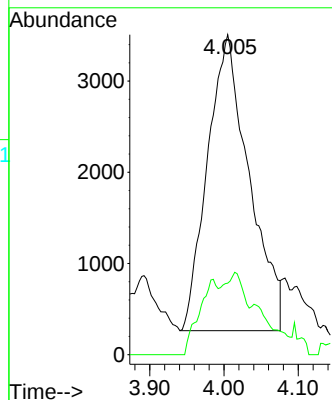
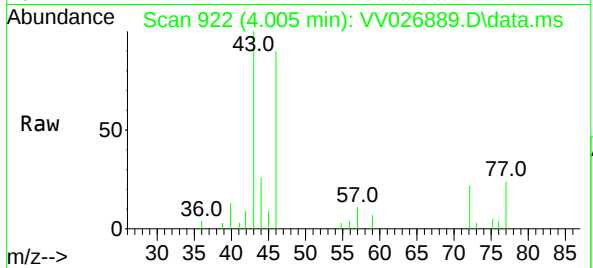




#22
2-Butanone
Concen: 4.417 ug/L
RT: 4.005 min Scan# 911
Delta R.T. 0.045 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

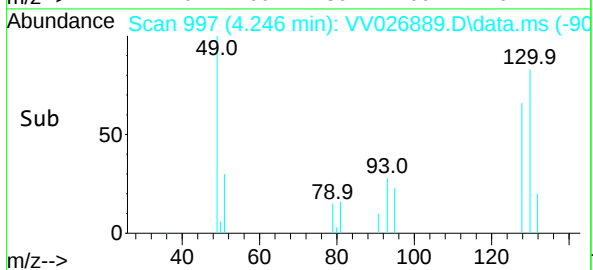
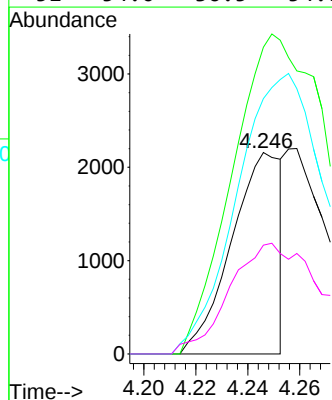
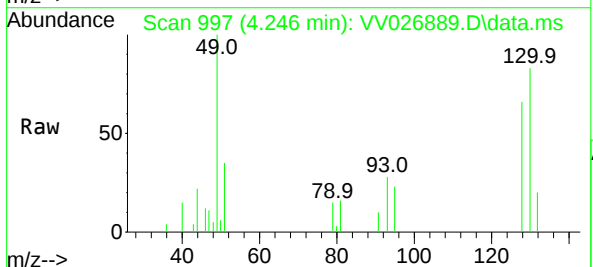
Instrument :
MSVOA_V
ClientSampleId :

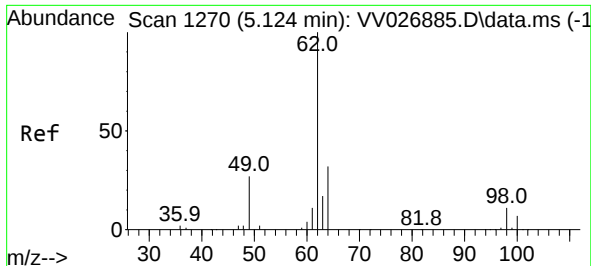
Tgt Ion: 43 Resp: 12636
Ion Ratio Lower Upper
43 100
72 11.5 14.9 44.5#



#23
Bromochloromethane
Concen: 1.099 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.006 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion: 128 Resp: 2862
Ion Ratio Lower Upper
128 100
49 152.3 101.0 187.6
130 126.8 90.0 167.2
51 54.0 36.5 54.7





#27

1,2-Dichloroethane

Concen: 2.523 ug/L

RT: 5.133 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

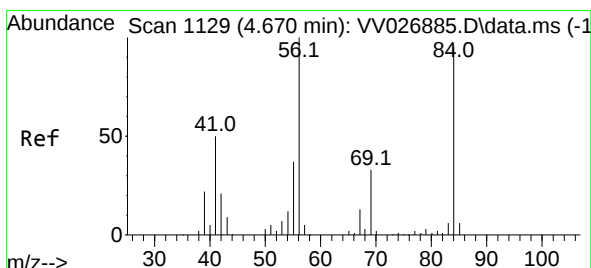
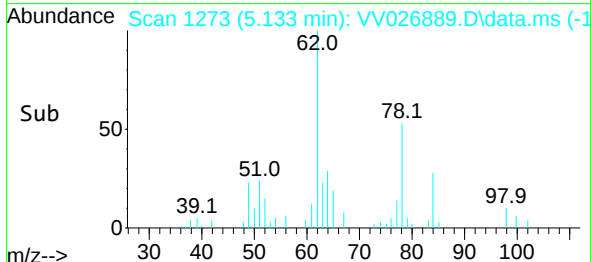
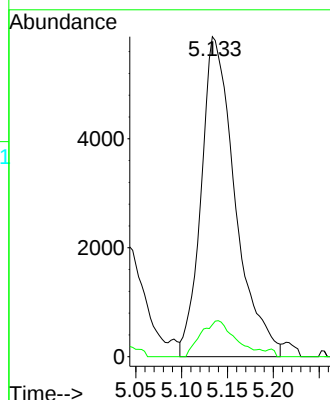
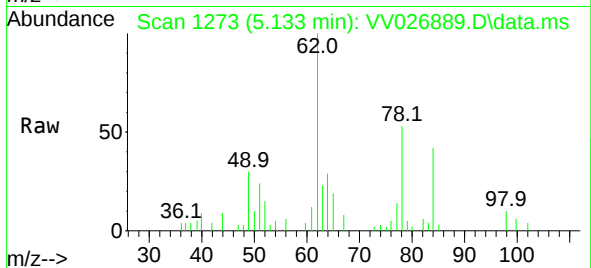
ClientSampleId :

Tgt Ion: 62 Resp: 15096

Ion Ratio Lower Upper

62 100

98 10.0 8.9 13.3



#29

Cyclohexane

Concen: 2.172 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

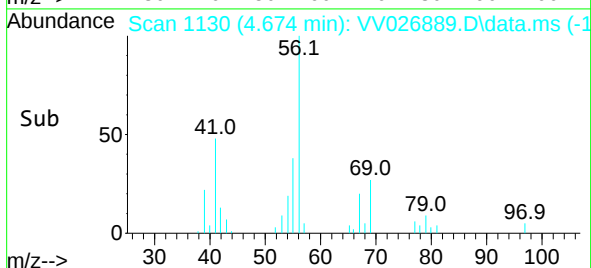
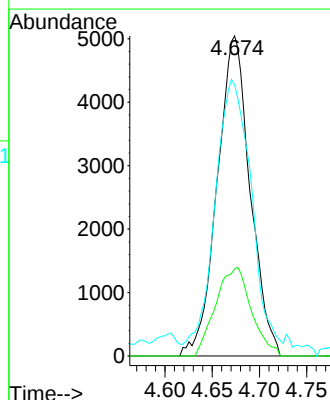
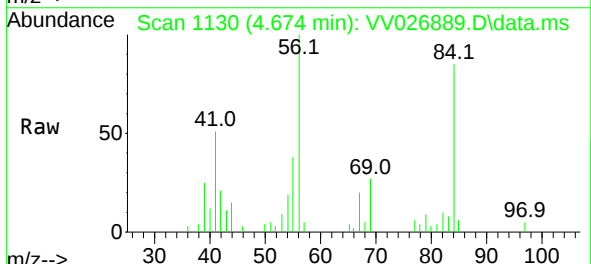
Tgt Ion: 56 Resp: 12210

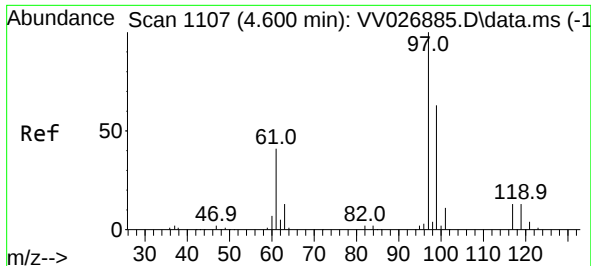
Ion Ratio Lower Upper

56 100

69 30.0 25.7 38.5

84 92.1 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 2.381 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

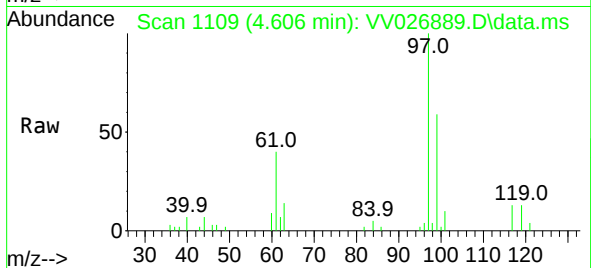
Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :



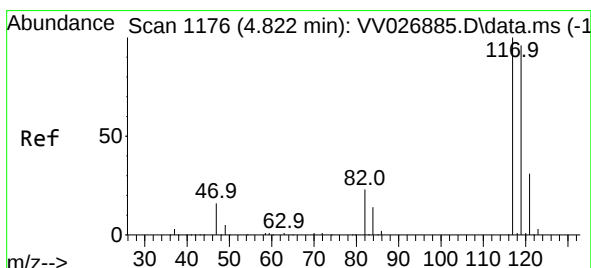
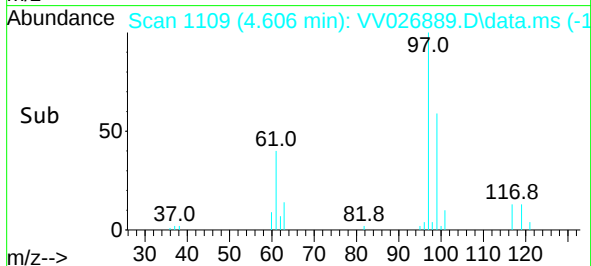
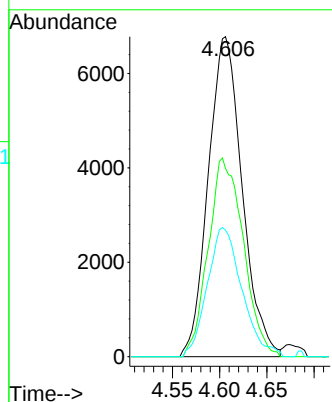
Tgt Ion: 97 Resp: 16915

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 41.2 33.1 49.7



#31

Carbon tetrachloride

Concen: 2.336 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VV026889.D

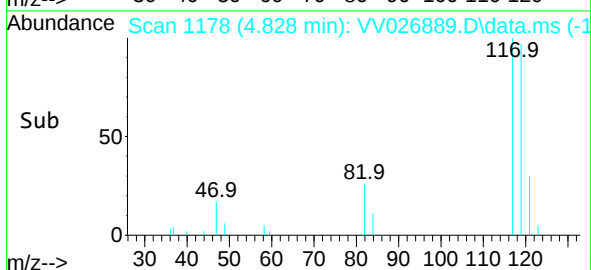
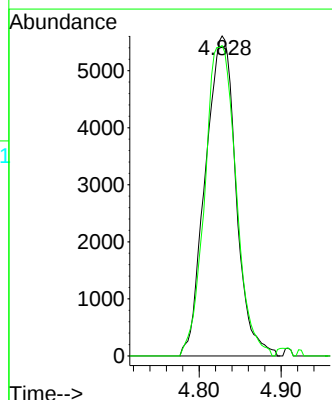
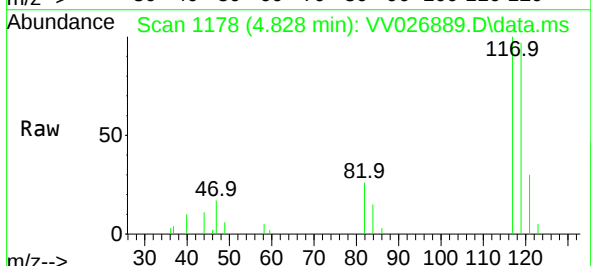
Acq: 22 Jul 2022 15:57

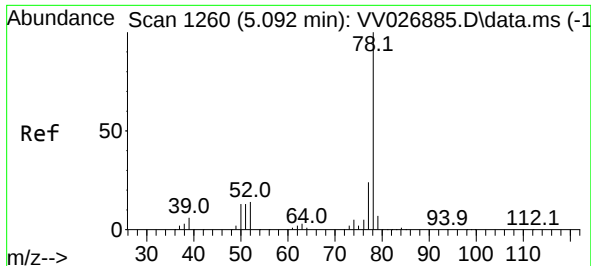
Tgt Ion: 117 Resp: 14529

Ion Ratio Lower Upper

117 100

119 98.9 77.3 115.9

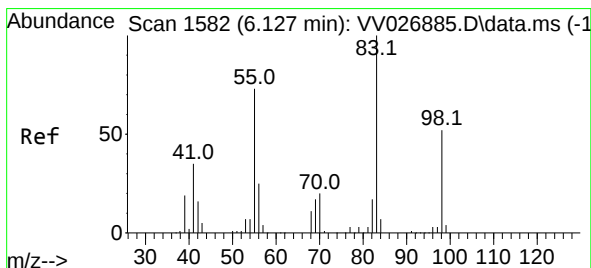
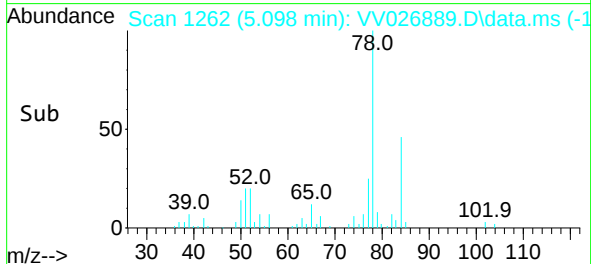
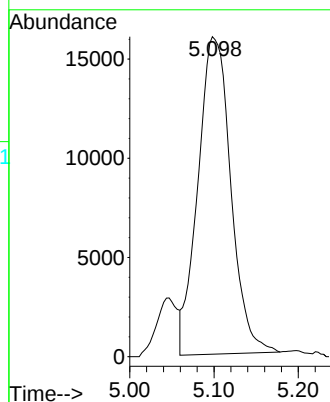
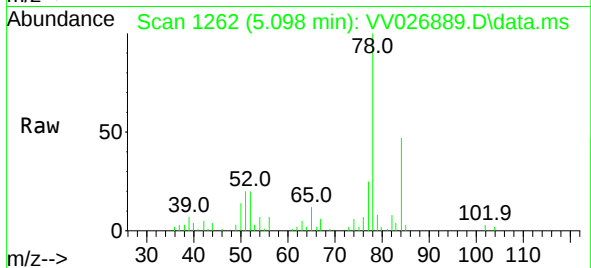




#33
Benzene
Concen: 2.510 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

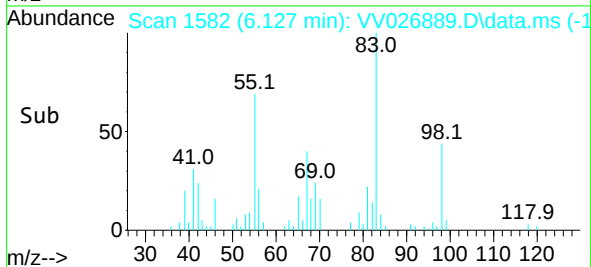
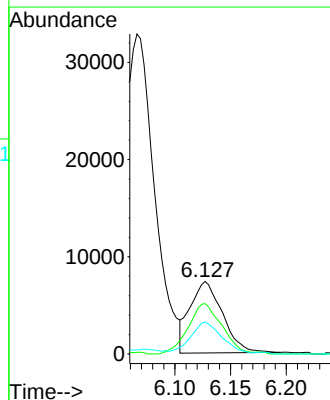
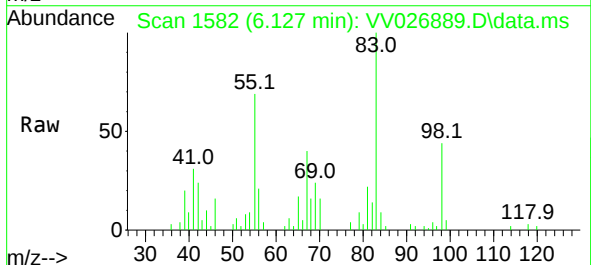
Instrument :
MSVOA_V
ClientSampleId :

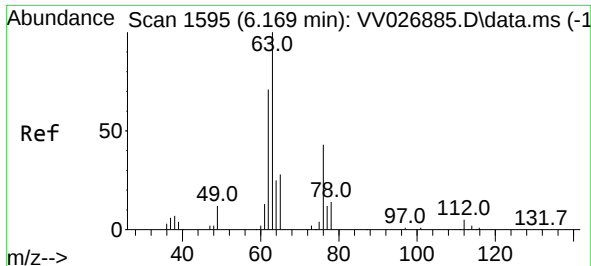
Tgt Ion: 78 Resp: 43394



#35
Methylcyclohexane
Concen: 2.270 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion: 83 Resp: 14936
Ion Ratio Lower Upper
83 100
55 72.8 57.4 86.2
98 43.2 39.4 59.0





#37

1,2-Dichloropropane

Concen: 2.322 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

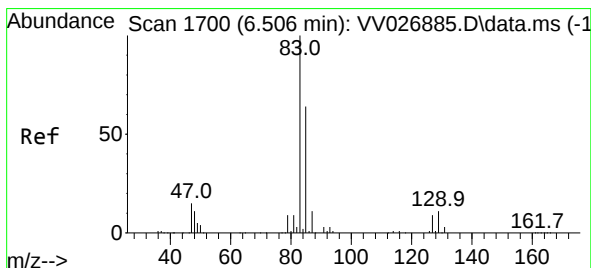
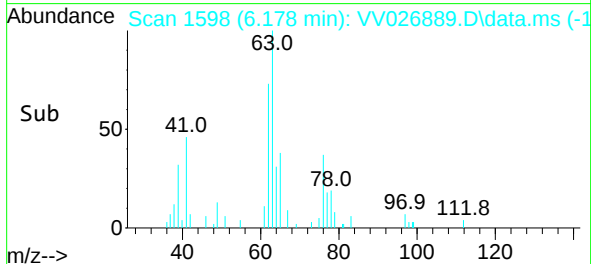
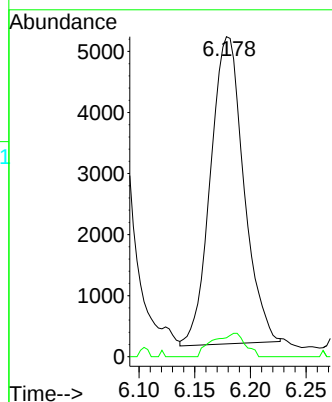
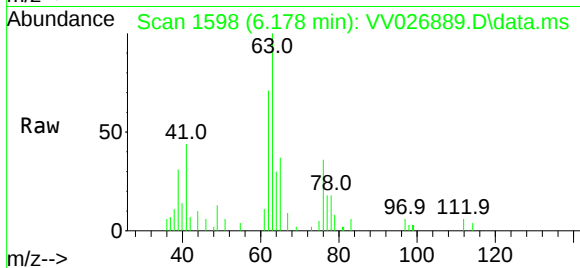
ClientSampleId :

Tgt Ion: 63 Resp: 10451

Ion Ratio Lower Upper

63 100

112 7.4 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.366 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

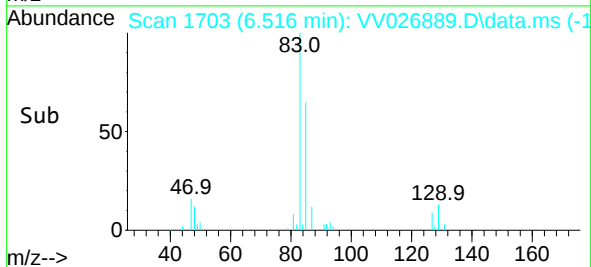
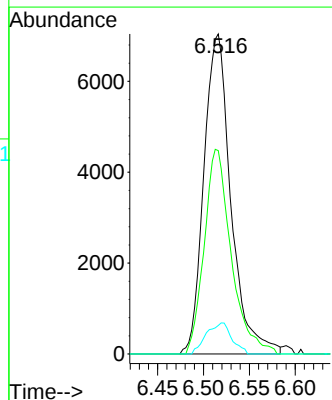
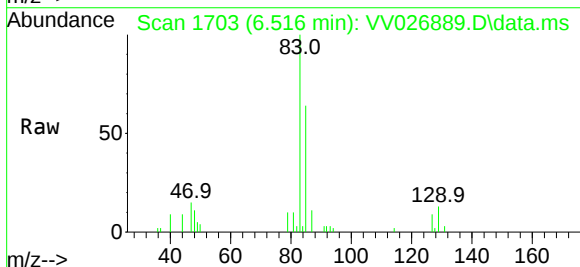
Tgt Ion: 83 Resp: 14432

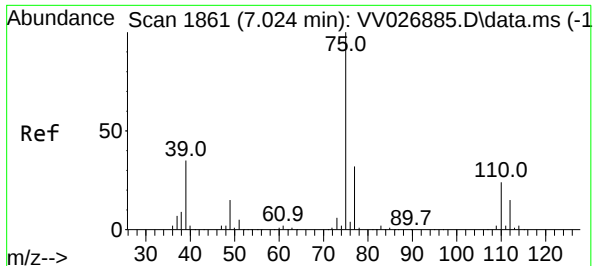
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.9

127 10.5 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 2.169 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

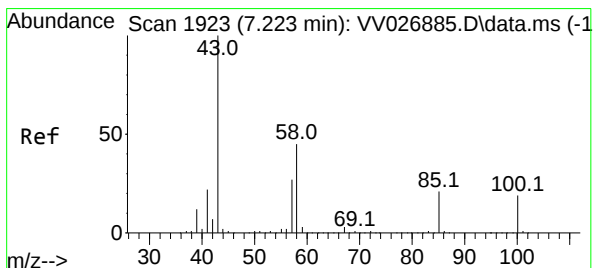
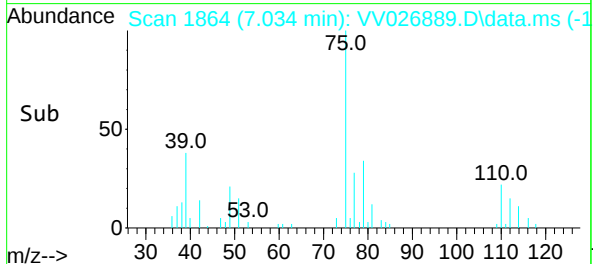
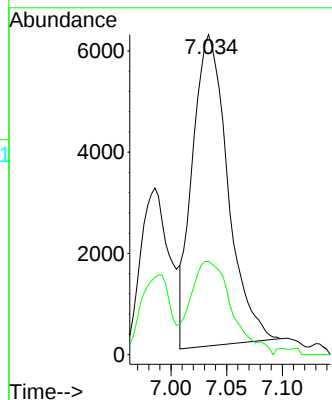
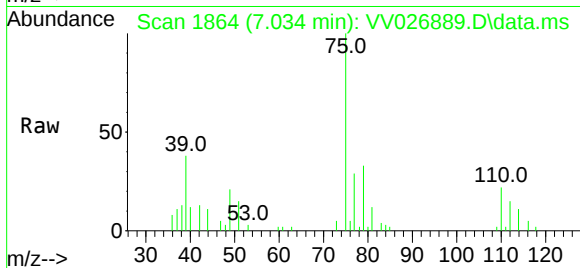
ClientSampleId :

Tgt Ion: 75 Resp: 13549

Ion Ratio Lower Upper

75 100

77 29.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 4.443 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

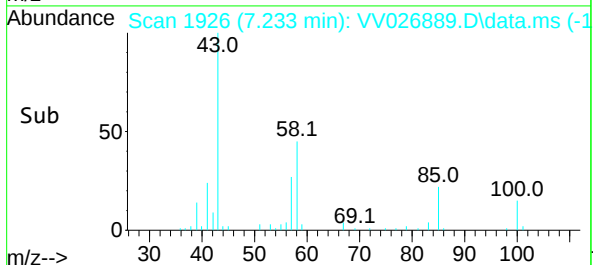
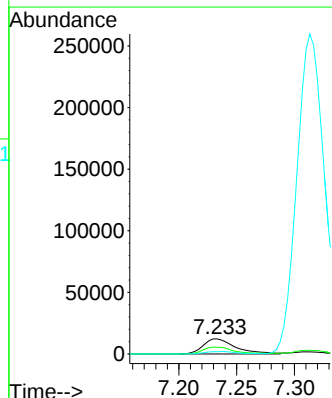
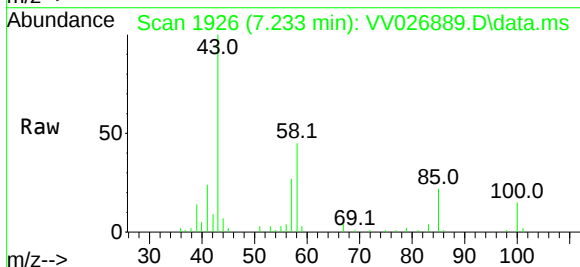
Tgt Ion: 43 Resp: 23795

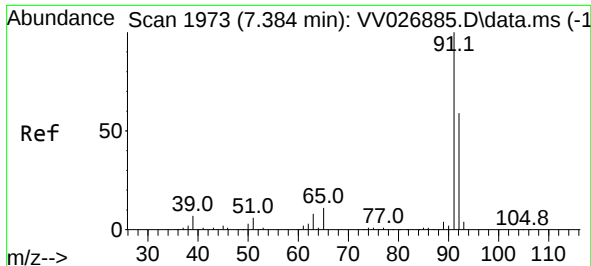
Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.6

100 15.3 15.4 23.0#

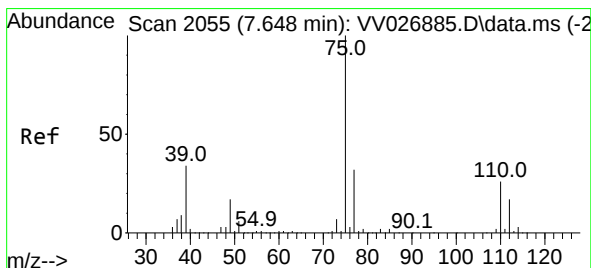
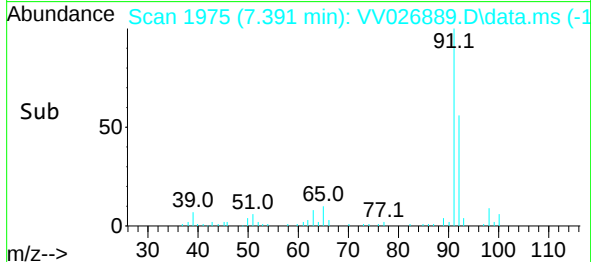
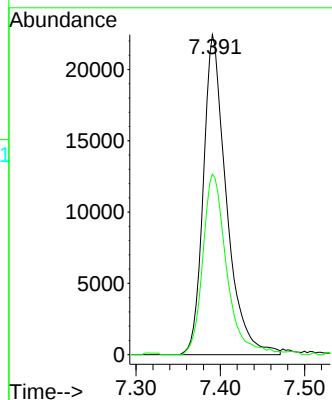
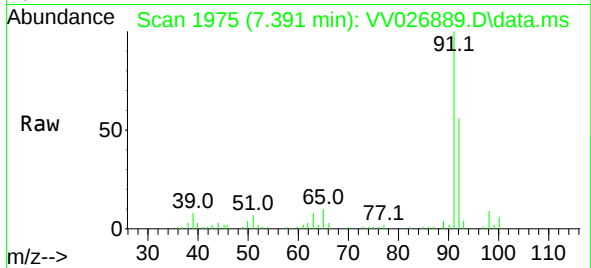




#42
Toluene
Concen: 2.427 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

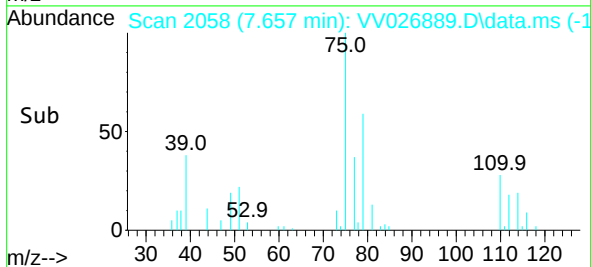
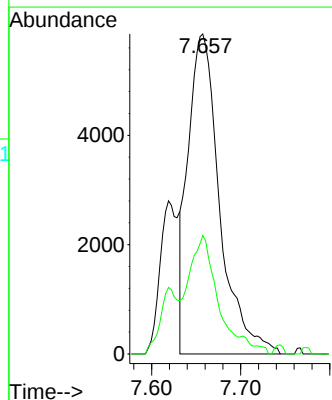
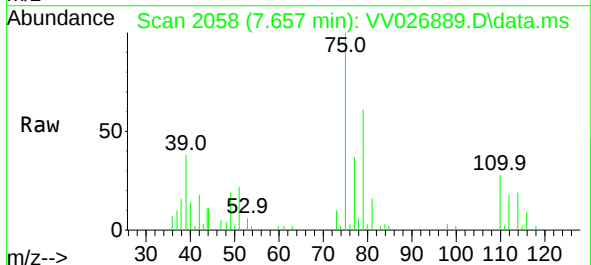
Instrument :
MSVOA_V
ClientSampleId :

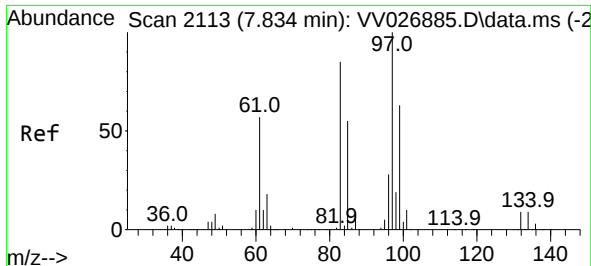
Tgt Ion: 91 Resp: 42840
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 2.340 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion: 75 Resp: 14413
Ion Ratio Lower Upper
75 100
77 37.1 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 2.540 ug/L

RT: 7.844 min Scan# 2113

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 12172

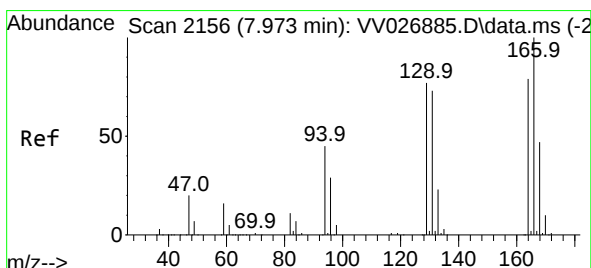
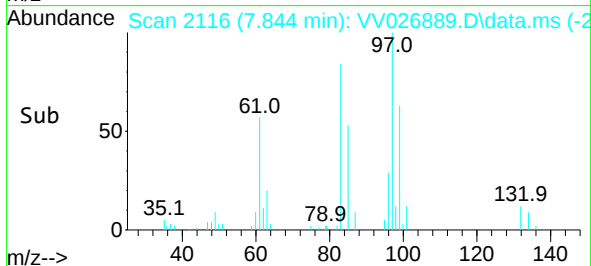
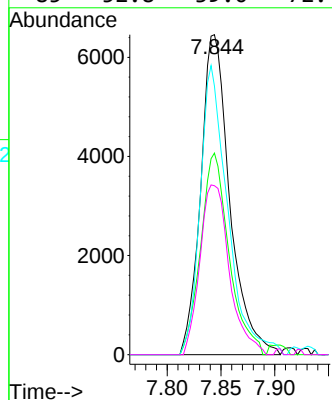
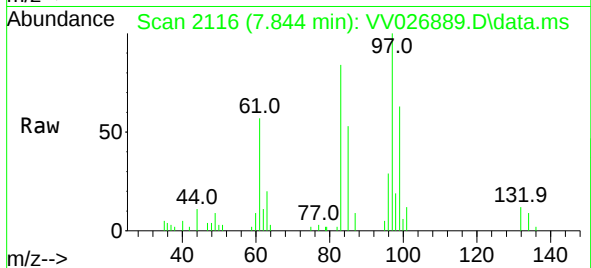
Ion Ratio Lower Upper

97 100

99 63.0 44.0 81.8

83 84.0 59.9 111.3

85 52.8 39.0 72.4



#46

Tetrachloroethene

Concen: 2.219 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Tgt Ion: 164 Resp: 7690

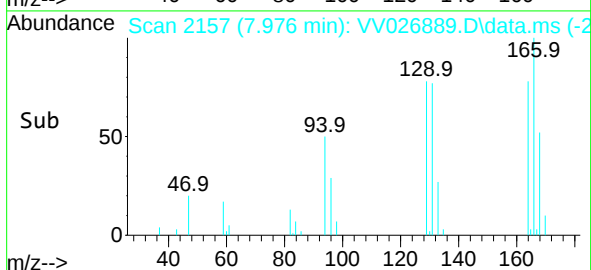
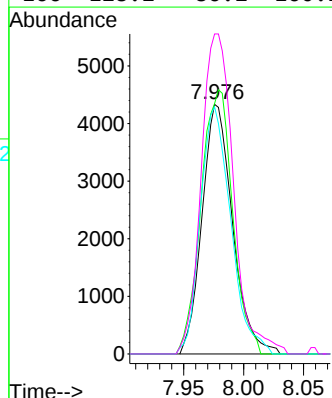
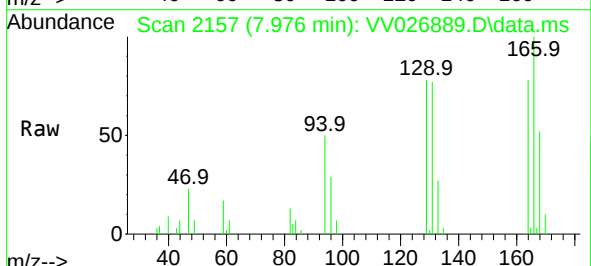
Ion Ratio Lower Upper

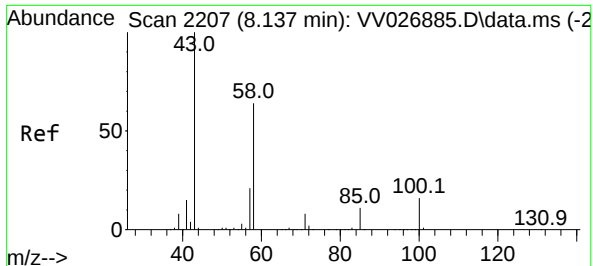
164 100

129 100.3 66.3 123.1

131 98.9 63.1 117.3

166 128.2 86.2 160.2





#48

2-Hexanone

Concen: 6.184 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 25777

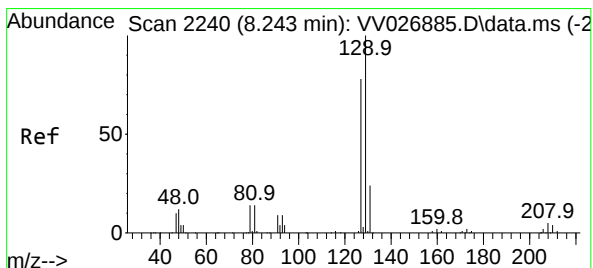
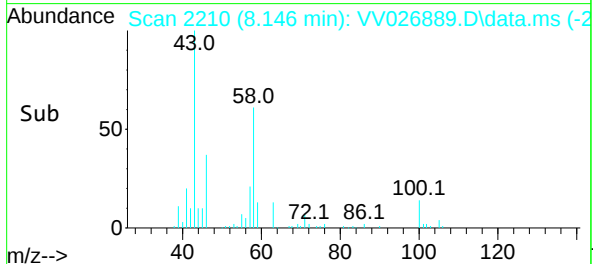
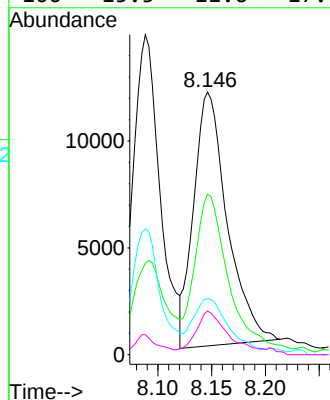
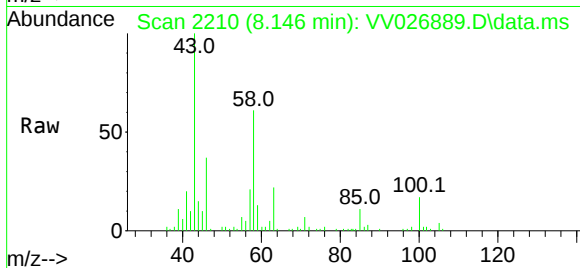
Ion Ratio Lower Upper

43 100

58 63.5 48.8 73.2

57 23.9 16.6 24.8

100 15.5 11.6 17.4



#49

Dibromochloromethane

Concen: 2.328 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV026889.D

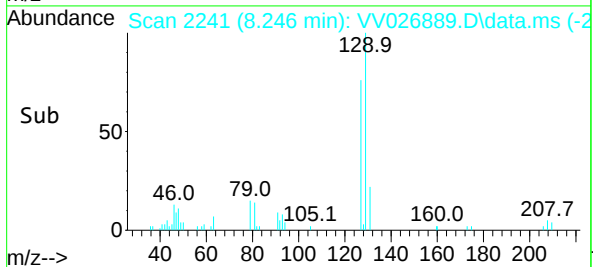
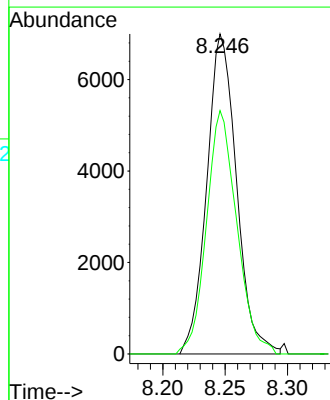
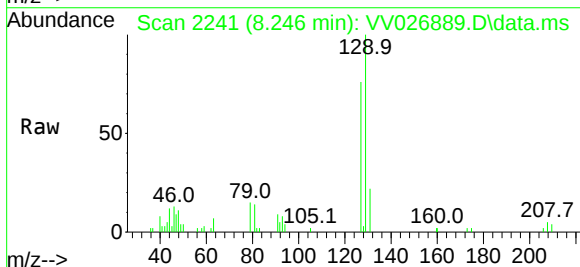
Acq: 22 Jul 2022 15:57

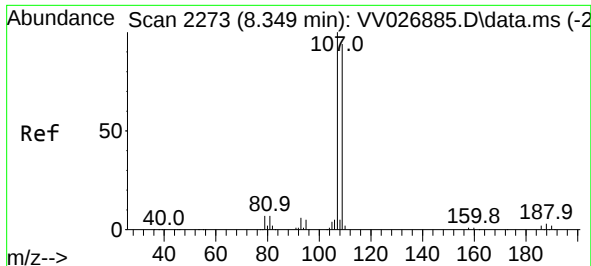
Tgt Ion: 129 Resp: 11660

Ion Ratio Lower Upper

129 100

127 76.0 53.7 99.7





#50

1,2-Dibromoethane

Concen: 2.451 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV026889.D

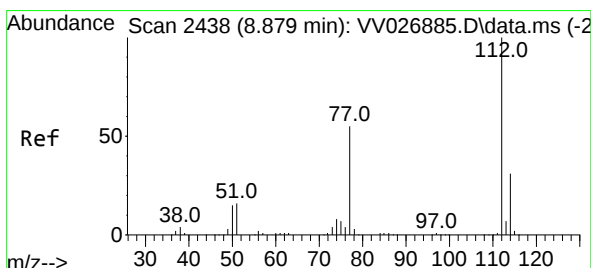
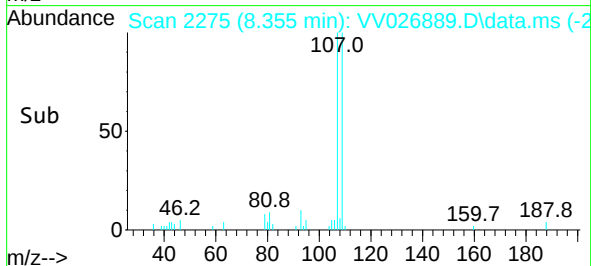
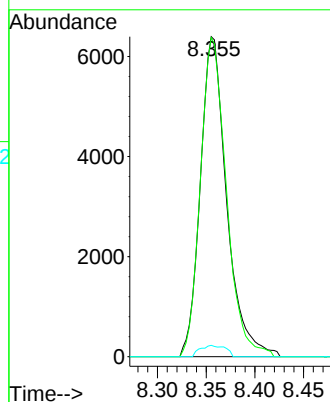
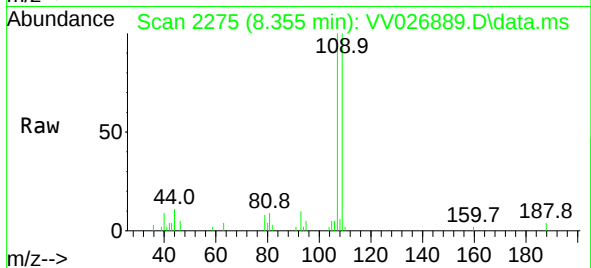
Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	12019
Ion Ratio	Lower	Upper
107	100	
109	99.7	64.9 120.5
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 2.371 ug/L

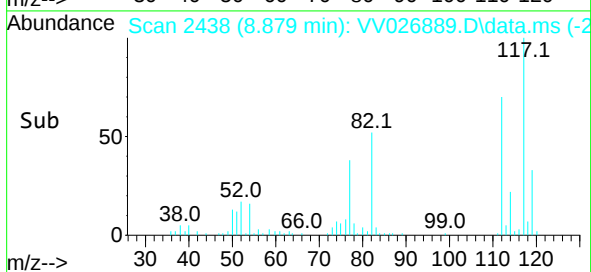
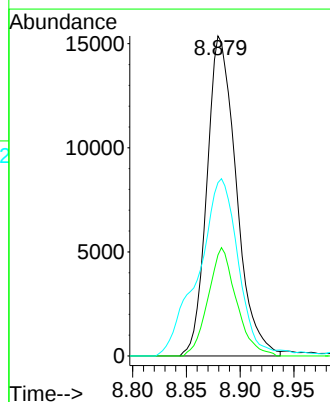
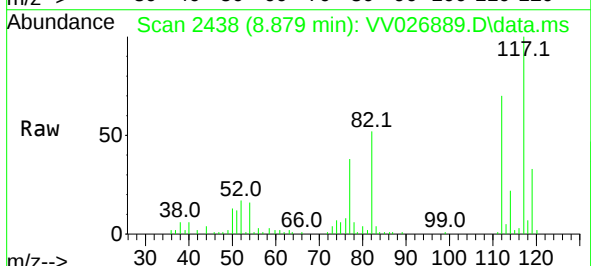
RT: 8.879 min Scan# 2438

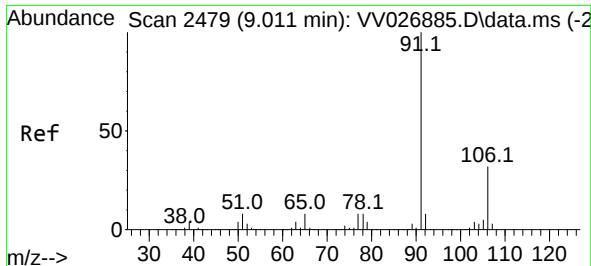
Delta R.T. -0.000 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Tgt Ion:112	Resp:	29167
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.7 42.1
77	54.2	44.4 66.6





#52

Ethylbenzene

Concen: 2.041 ug/L

RT: 9.014 min Scan# 24

Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

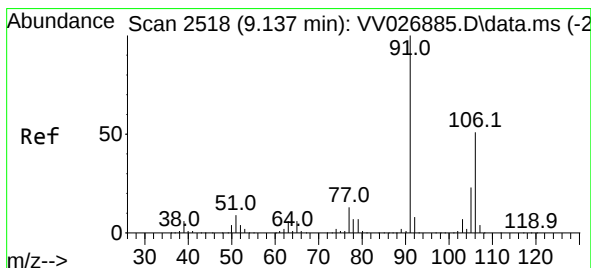
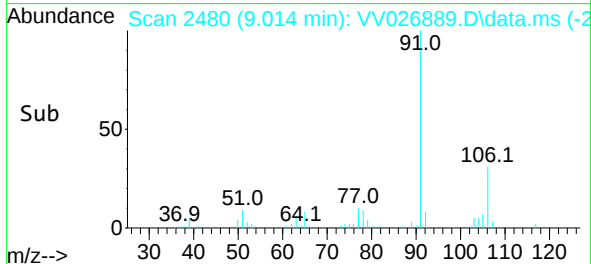
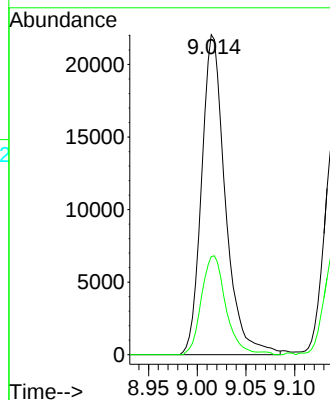
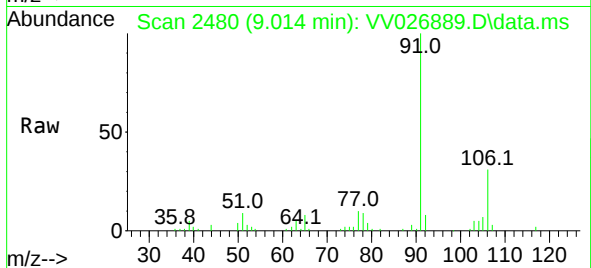
ClientSampleId :

Tgt Ion: 91 Resp: 37399

Ion Ratio Lower Upper

91 100

106 30.6 22.0 40.8



#53

m,p-Xylene

Concen: 1.786 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV026889.D

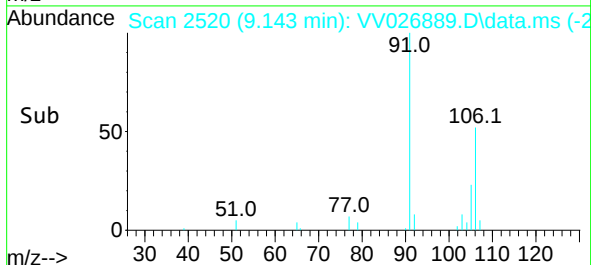
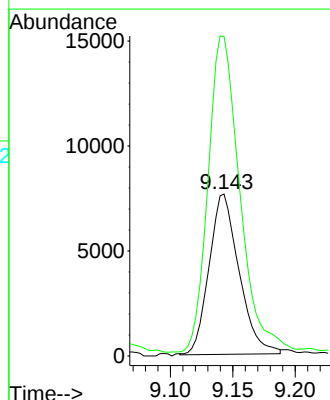
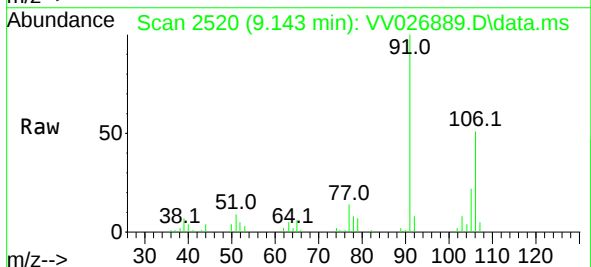
Acq: 22 Jul 2022 15:57

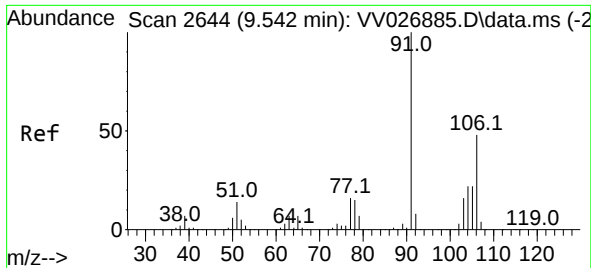
Tgt Ion: 106 Resp: 12810

Ion Ratio Lower Upper

106 100

91 197.3 140.0 260.0

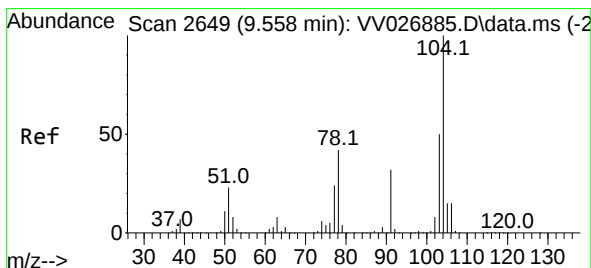
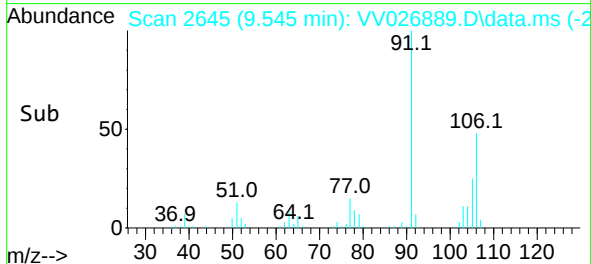
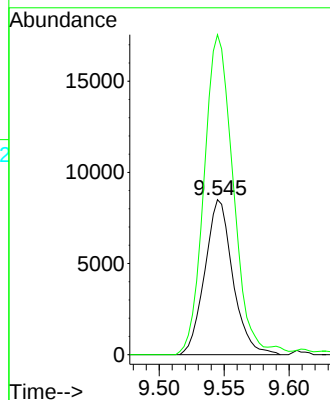
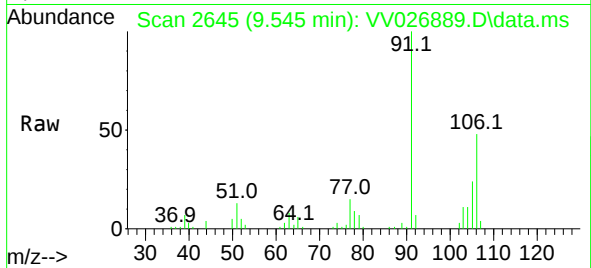




#54
o-Xylene
Concen: 1.843 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

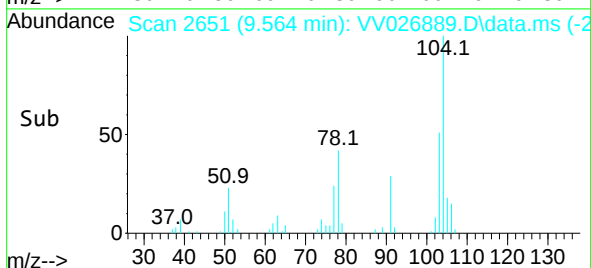
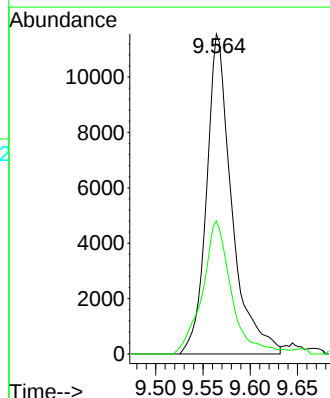
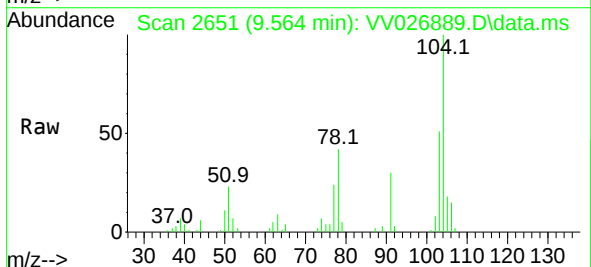
Instrument :
MSVOA_V
ClientSampleId :

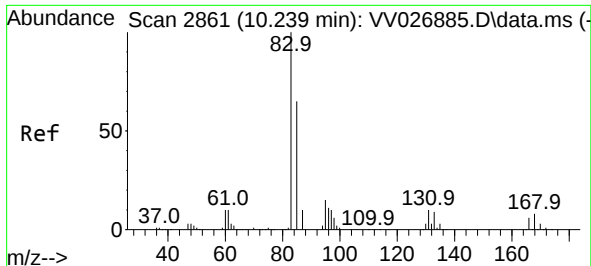
Tgt Ion:106 Resp: 12736
Ion Ratio Lower Upper
106 100
91 206.3 146.1 271.3



#55
Styrene
Concen: 1.759 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion:104 Resp: 21457
Ion Ratio Lower Upper
104 100
78 41.5 29.6 55.0

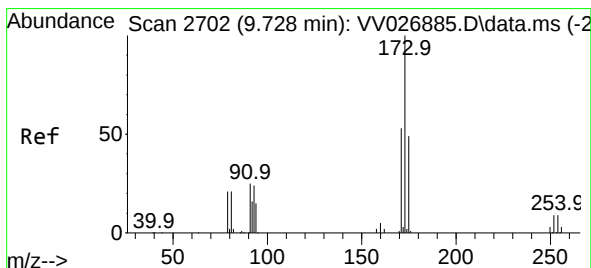
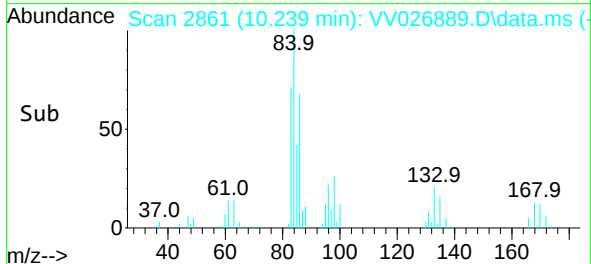
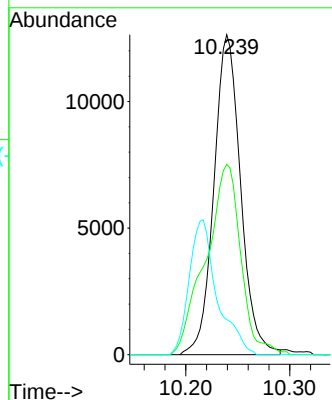
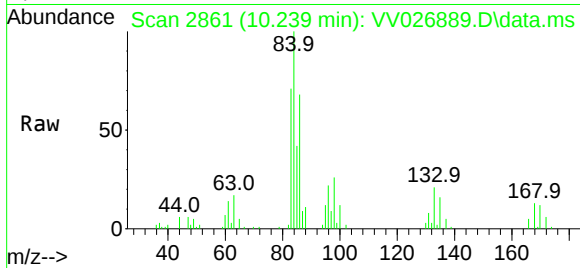




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.917 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

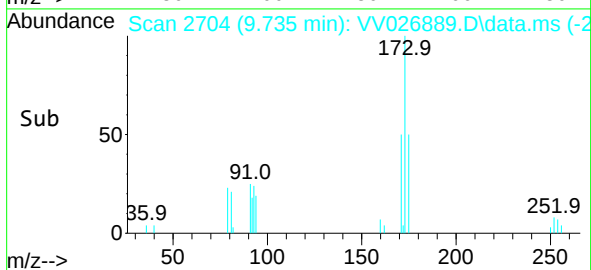
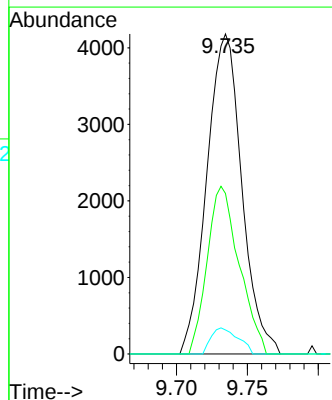
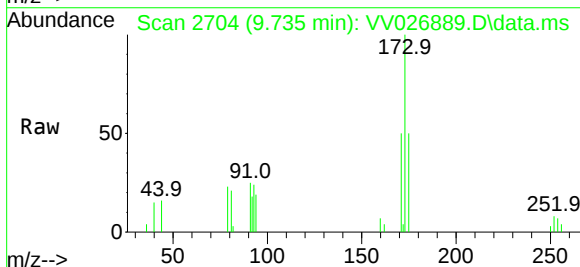
Instrument :
 MSVOA_V
 ClientSampleId :

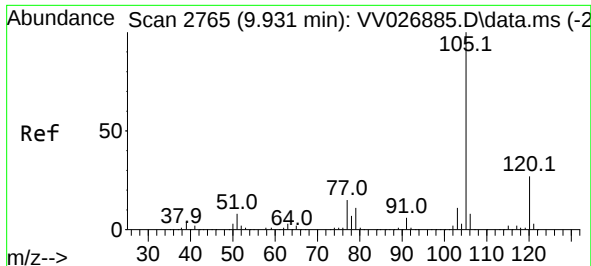
Tgt Ion: 83 Resp: 22571
 Ion Ratio Lower Upper
 83 100
 85 59.4 45.3 84.1
 131 11.0 7.8 11.6



#59
 Bromoform
 Concen: 2.692 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.006 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Tgt Ion: 173 Resp: 7167
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.6 57.8
 254 6.3 6.6 10.0#

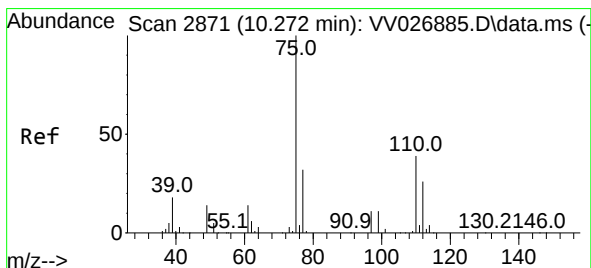
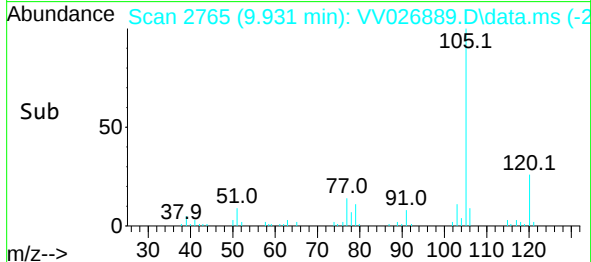
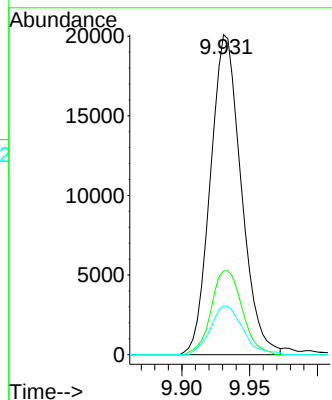
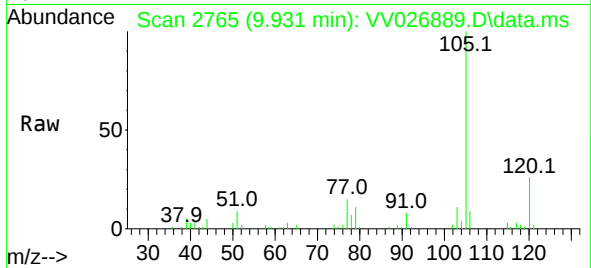




#60
Isopropylbenzene
Concen: 2.251 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

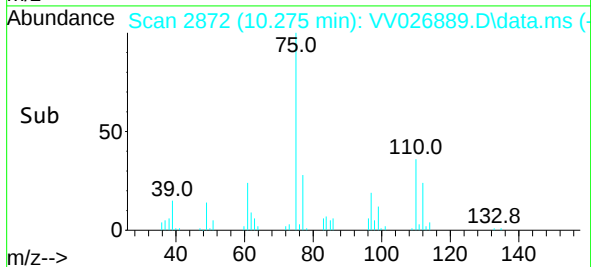
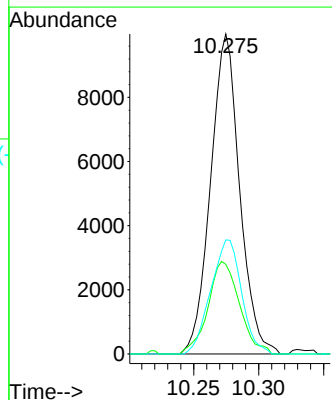
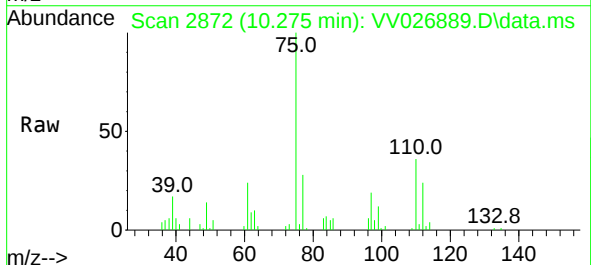
Instrument :
MSVOA_V
ClientSampleId :

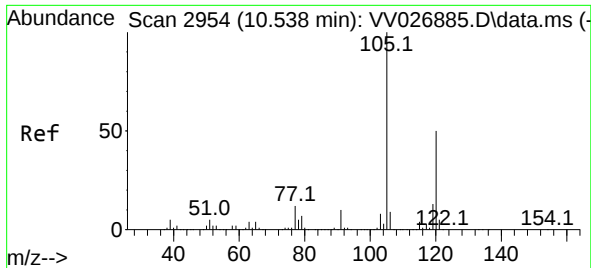
Tgt Ion:105 Resp: 31699
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 16.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 3.241 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

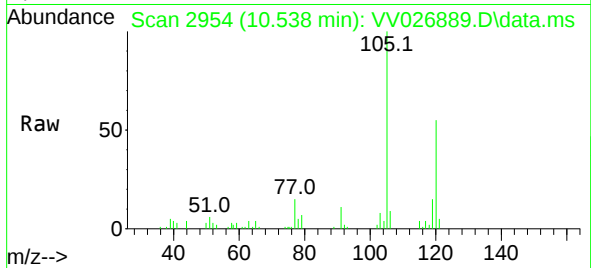
Tgt Ion: 75 Resp: 15495
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
110 37.8 31.7 47.5



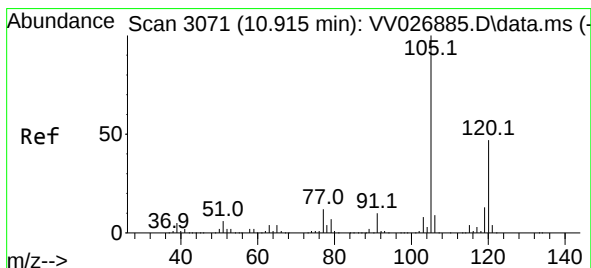
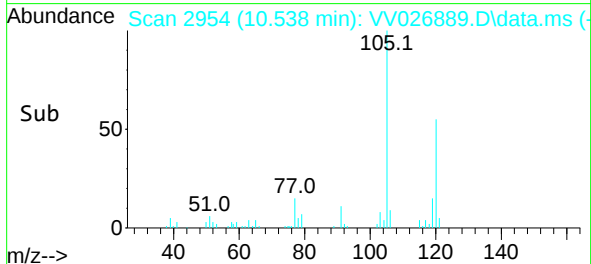
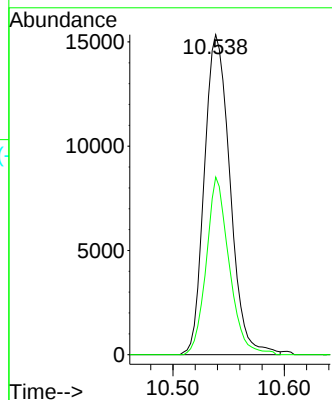


#62
 1,3,5-Trimethylbenzene
 Concen: 2.145 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Instrument :
 MSVOA_V
 ClientSampleId :

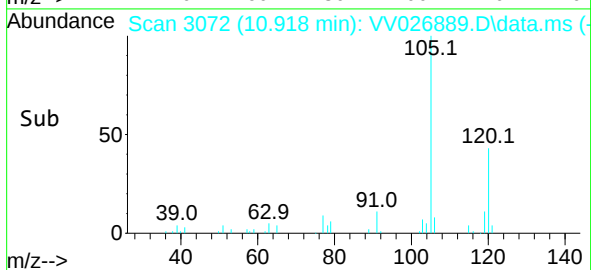
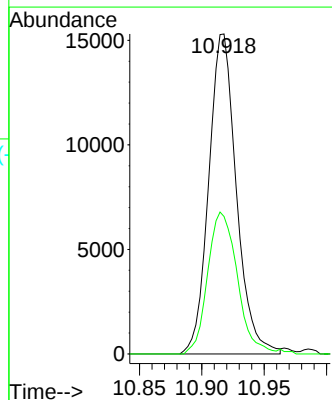
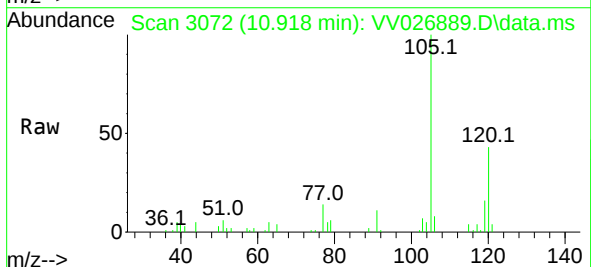


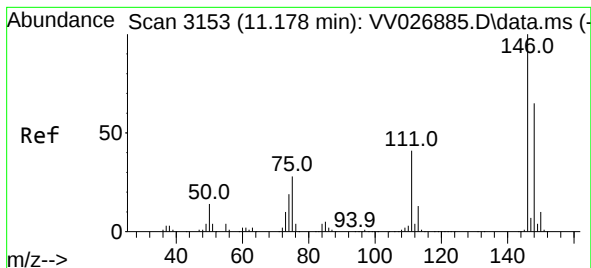
Tgt Ion:105 Resp: 24550
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 2.061 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Tgt Ion:105 Resp: 23655
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 2.528 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

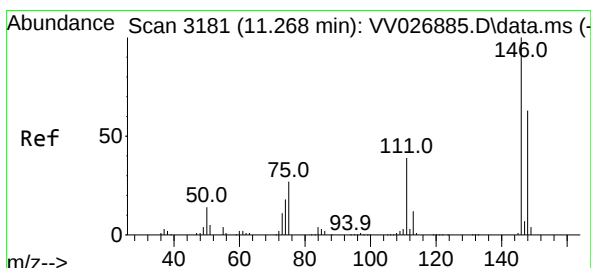
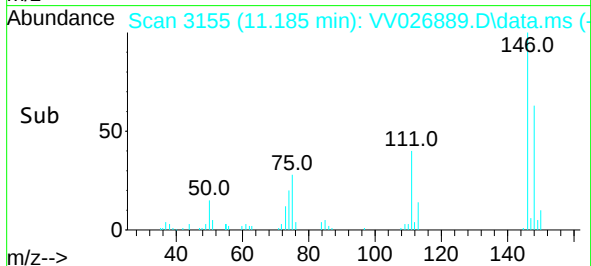
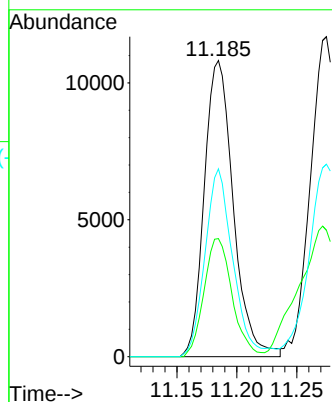
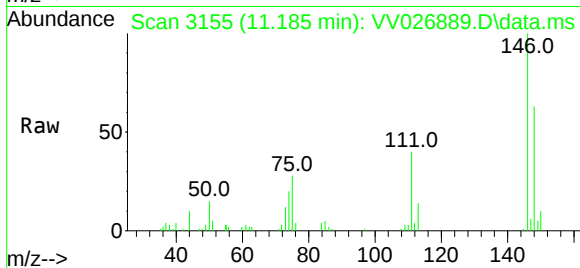
Tgt Ion:146 Resp: 18186

Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.9

148 63.4 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 2.463 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.006 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

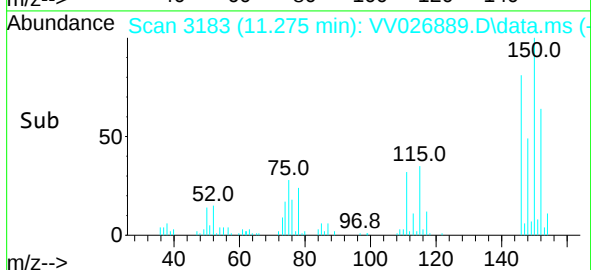
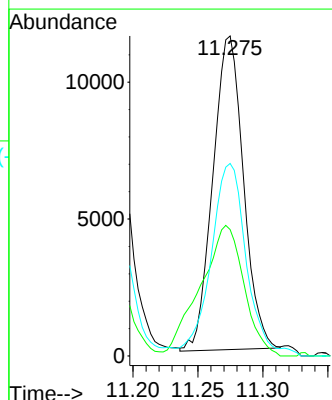
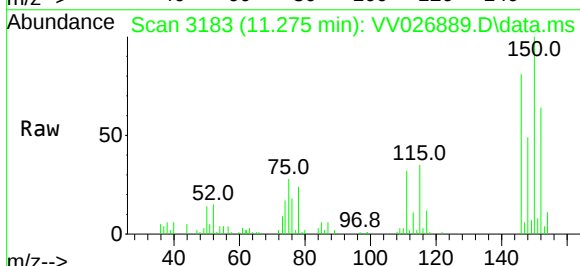
Tgt Ion:146 Resp: 18775

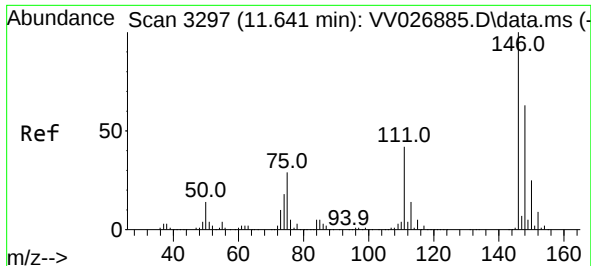
Ion Ratio Lower Upper

146 100

111 39.5 27.4 51.0

148 60.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.839 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

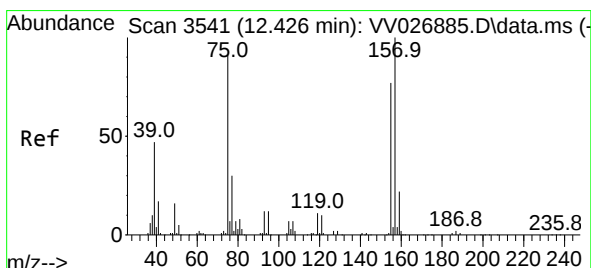
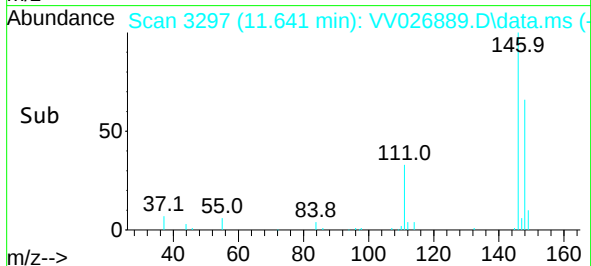
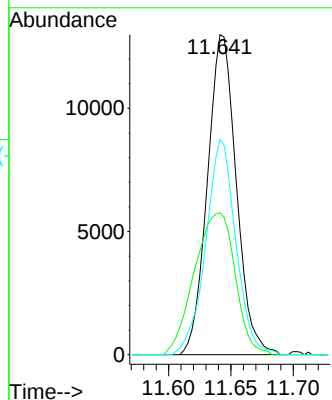
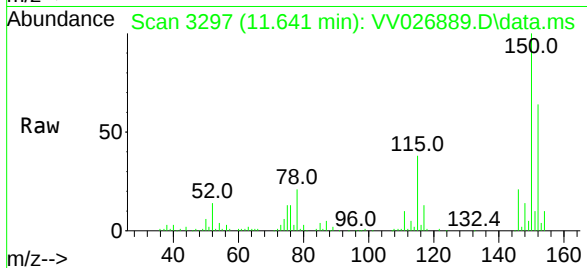
Tgt Ion:146 Resp: 20957

Ion Ratio Lower Upper

146 100

111 44.4 33.2 49.8

148 67.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 2.962 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026889.D

Acq: 22 Jul 2022 15:57

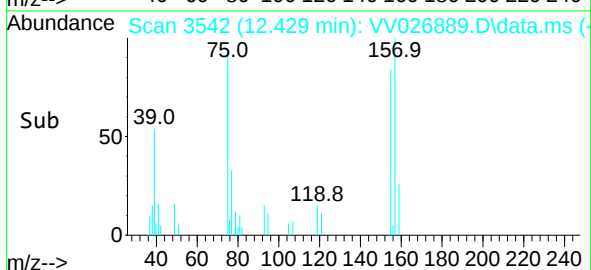
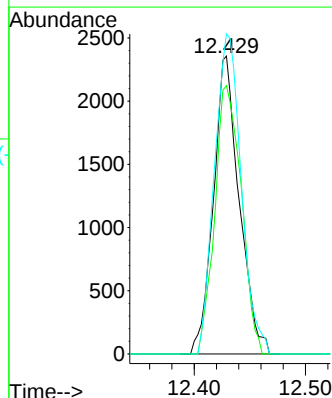
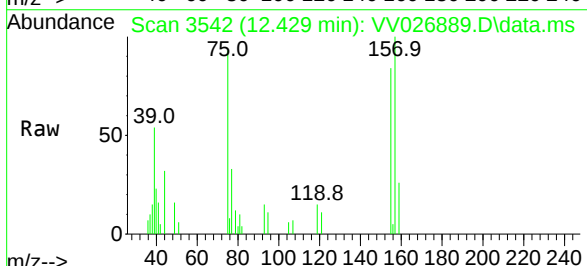
Tgt Ion: 75 Resp: 3784

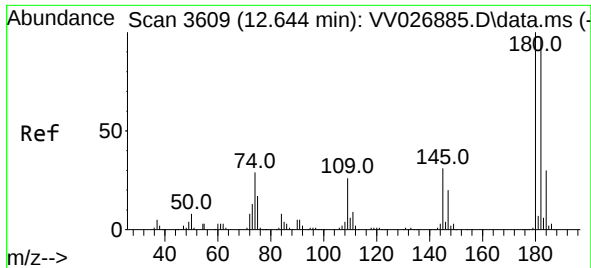
Ion Ratio Lower Upper

75 100

155 90.0 67.7 101.5

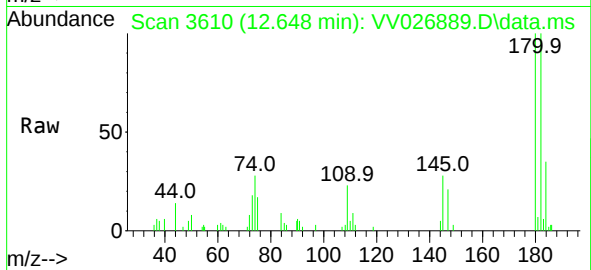
157 107.4 87.1 130.7



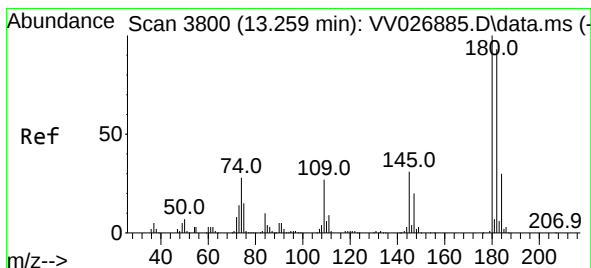
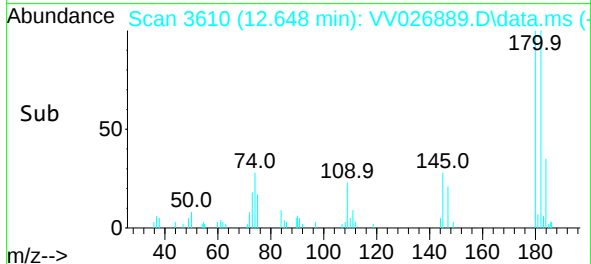
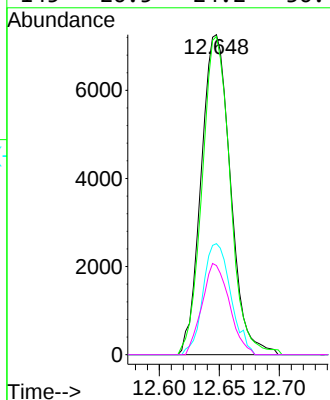


#69
 1,3,5-Trichlorobenzene
 Concen: 2.420 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Instrument :
 MSVOA_V
 ClientSampleId :

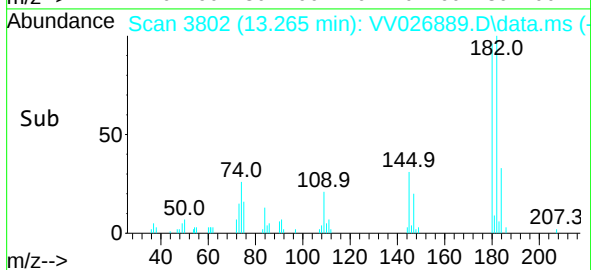
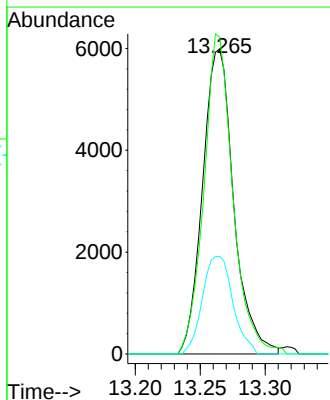
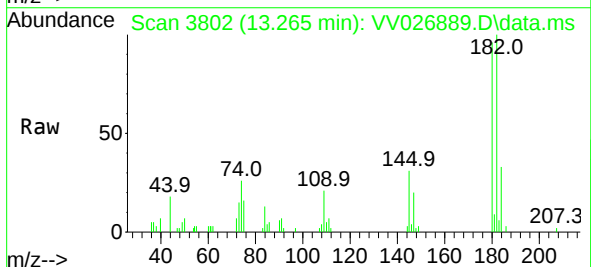


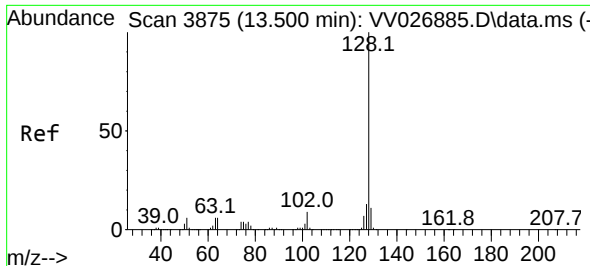
Tgt Ion:180 Resp: 12326
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 184 32.8 23.8 35.8
 145 26.5 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 2.326 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.006 min
 Lab File: VV026889.D
 Acq: 22 Jul 2022 15:57

Tgt Ion:180 Resp: 9982
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.4
 145 31.2 25.0 37.6

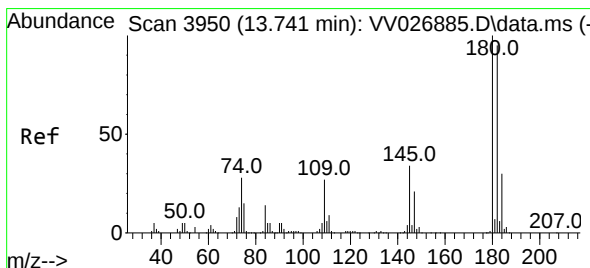
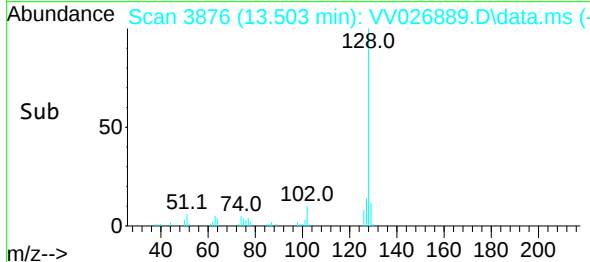
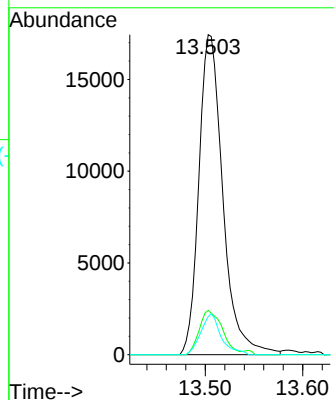
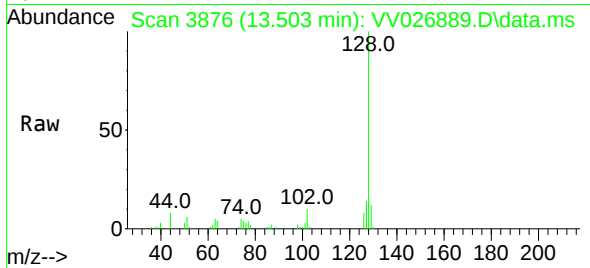




#71
Naphthalene
Concen: 2.208 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	29801
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.331 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026889.D
Acq: 22 Jul 2022 15:57

Tgt Ion:	180	Resp:	10435
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.4	113.2
145	29.6	26.6	40.0

