

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028292.D
 Acq On : 03 Oct 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207513	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	207232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	114429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73544	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.561	69	63281	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.102	63	139341	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.896	46	152439	57.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	4.343	84	146043	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.027	65	66286	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.044	84	292830	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.063	67	83832	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.310	98	272675	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.619	79	29731	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.085	63	136343	53.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64126	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	94306	4.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	84167	5.042	ug/L	92
3) Chloromethane	1.237	50	79608	5.033	ug/L	98
5) Vinyl chloride	1.307	62	91925	5.161	ug/L	95
6) Bromomethane	1.516	94	36905	4.363	ug/L	97
8) Chloroethane	1.581	64	64220	5.410	ug/L	86
9) Trichlorofluoromethane	1.748	101	133535	4.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	74767	4.995	ug/L	99
12) 1,1-Dichloroethene	2.111	96	75485	5.071	ug/L	79
13) Acetone	2.195	43	98885	57.082	ug/L	94
14) Carbon disulfide	2.288	76	238183	5.136	ug/L	99
15) Methyl Acetate	2.439	43	23859	5.060	ug/L #	74
16) Methylene chloride	2.500	84	99925	5.964	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	156031	5.105	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	80928	5.220	ug/L	93
19) 1,1-Dichloroethane	3.182	63	145013	5.492	ug/L	97
21) 2-Butanone	3.979	43	153507	58.371	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	82895	5.309	ug/L	97
23) Bromochloromethane	4.240	128	39304	5.684	ug/L #	79
25) Chloroform	4.368	83	153818	5.312	ug/L	99

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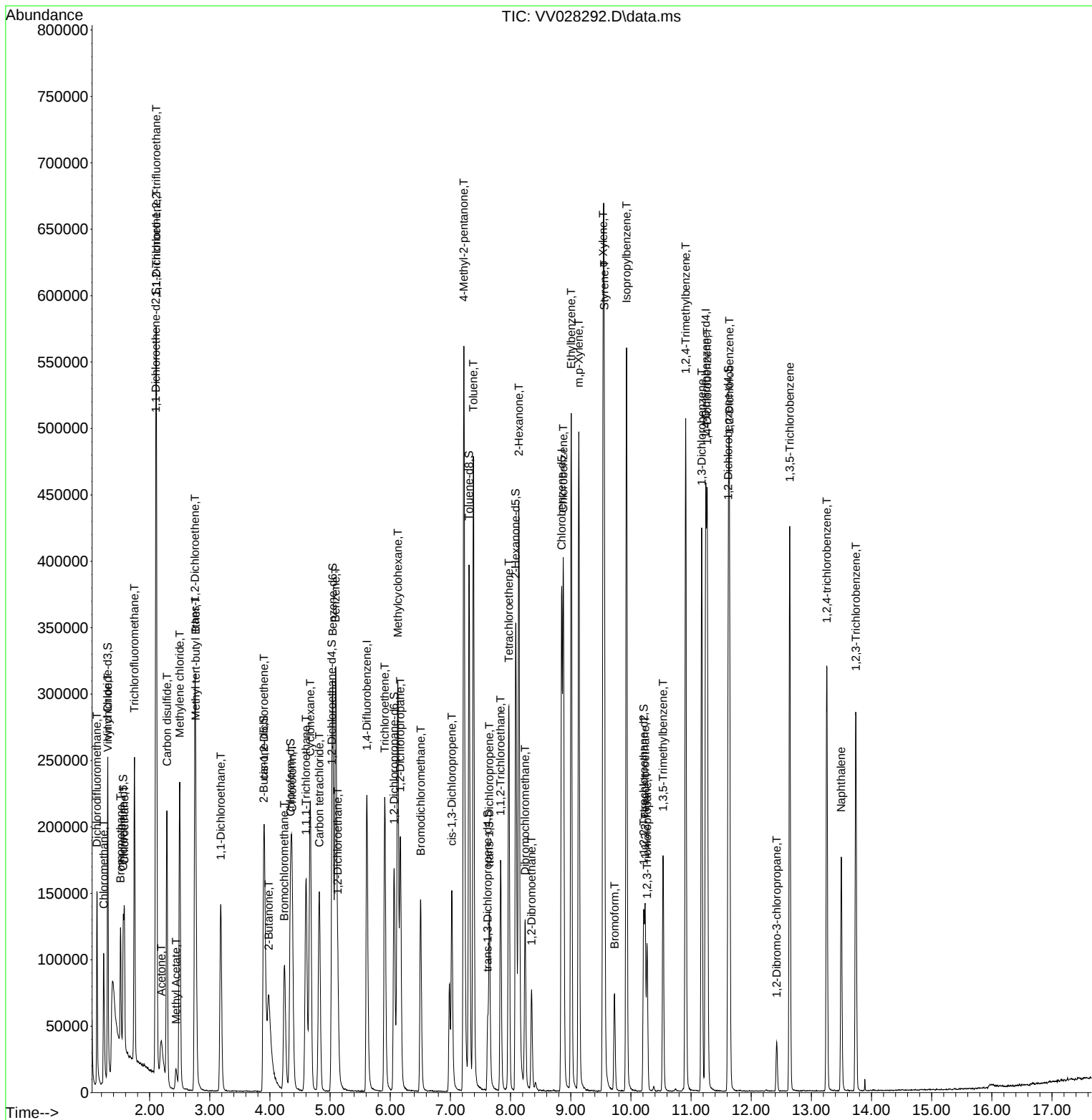
Instrument :
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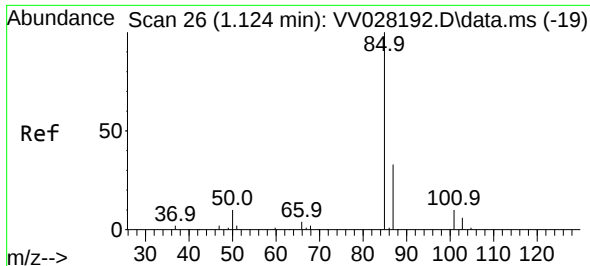
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81754	5.270	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	132930	5.200	ug/L	98
30) Cyclohexane	4.671	56	114896	5.217	ug/L	92
31) Carbon tetrachloride	4.822	117	117643	5.130	ug/L	98
33) Benzene	5.092	78	332644	5.392	ug/L	100
34) Trichloroethene	5.908	95	82118	5.316	ug/L	95
35) Methylcyclohexane	6.127	83	128085	5.079	ug/L	96
37) 1,2-Dichloropropane	6.169	63	80357	5.624	ug/L	99
38) Bromodichloromethane	6.506	83	102092	5.181	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	98548	4.832	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	379221	57.770	ug/L	96
42) Toluene	7.381	91	358689	5.525	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	81089	4.680	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	56951	5.374	ug/L	99
47) Tetrachloroethene	7.969	164	71125	5.269	ug/L	96
48) 2-Hexanone	8.137	43	272647	59.303	ug/L	94
49) Dibromochloromethane	8.243	129	66900	4.988	ug/L	98
50) 1,2-Dibromoethane	8.349	107	51957	5.448	ug/L	97
51) Chlorobenzene	8.876	112	222370	5.151	ug/L	98
52) Ethylbenzene	9.008	91	359114	5.264	ug/L	99
53) m,p-Xylene	9.133	106	147442	5.422	ug/L	96
54) o-Xylene	9.539	106	134525	5.230	ug/L	100
55) Styrene	9.558	104	239656	5.422	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	66609	5.540	ug/L	99
59) Bromoform	9.728	173	34099	4.524	ug/L	100
60) Isopropylbenzene	9.928	105	359402	5.133	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	46527	5.270	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	96195	4.835	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	277932	4.929	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	181289	5.270	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	181283	5.263	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	164500	5.273	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	9419	4.683	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	134047	4.927	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104381	5.034	ug/L	99
71) Naphthalene	13.497	128	141437	4.368	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	92252	4.936	ug/L	100

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

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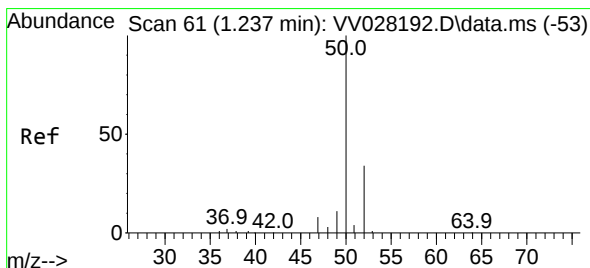
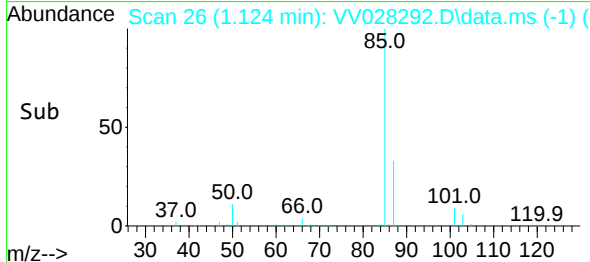
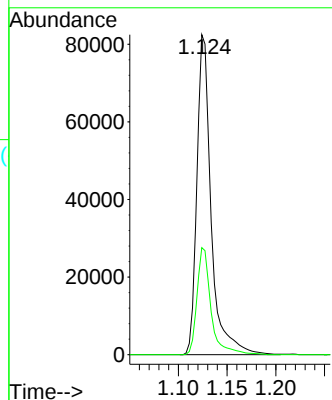
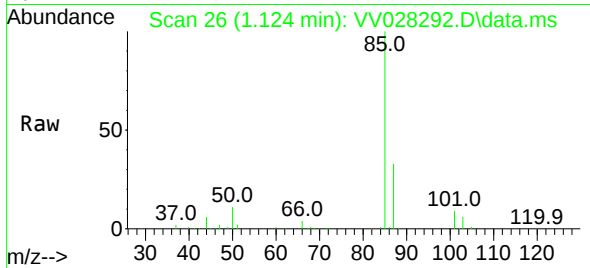




#2
 Dichlorodifluoromethane
 Concen: 5.042 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

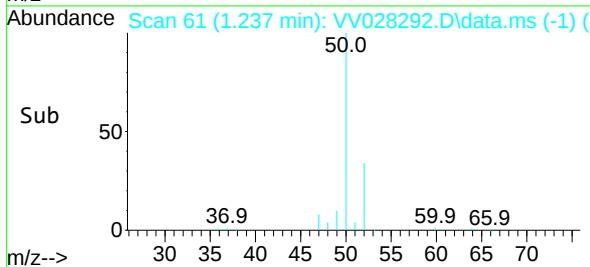
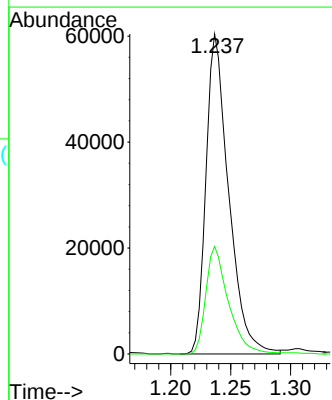
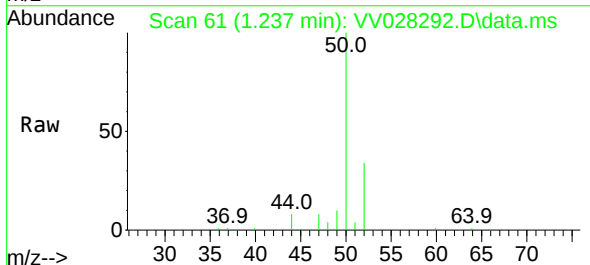
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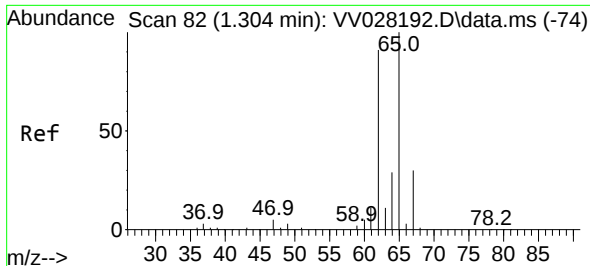
Tgt Ion: 85 Resp: 84167
 Ion Ratio Lower Upper
 85 100
 87 32.9 22.8 34.2



#3
 Chloromethane
 Concen: 5.033 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Tgt Ion: 50 Resp: 79608
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.4 45.2

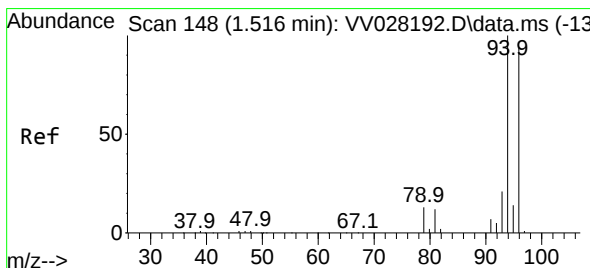
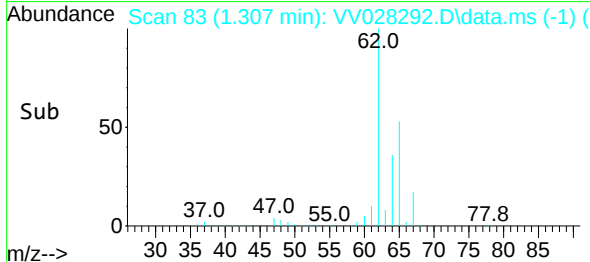
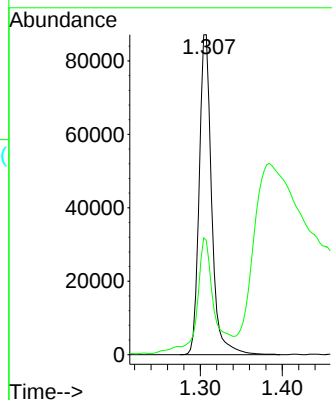
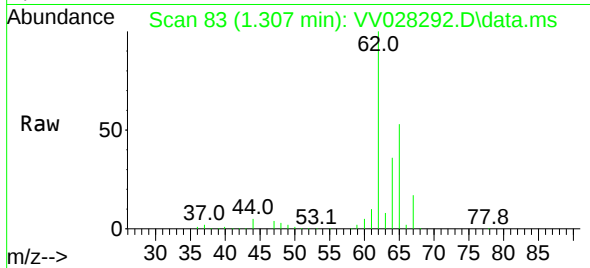




#5
 Vinyl chloride
 Concen: 5.161 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

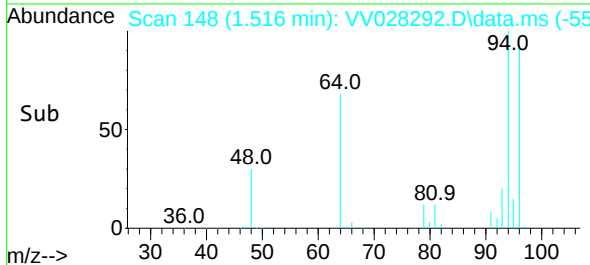
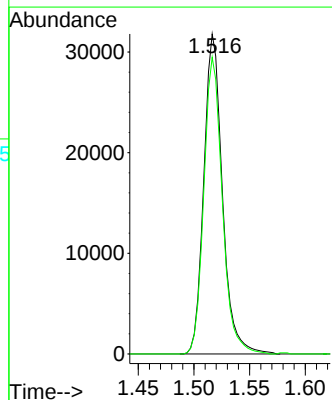
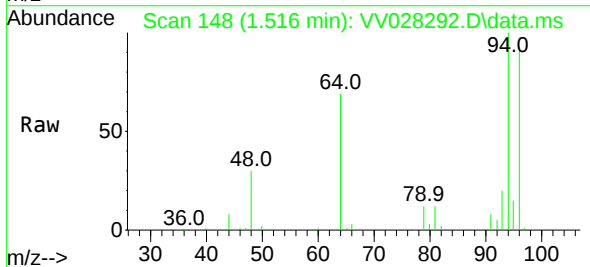
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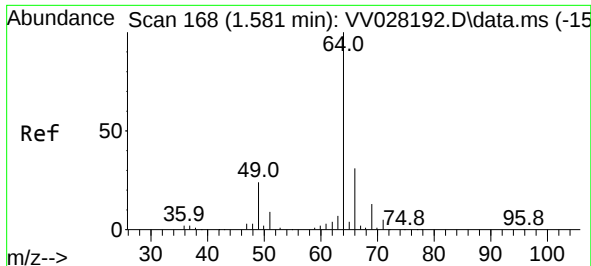
Tgt Ion: 62 Resp: 91925
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.0 42.8



#6
 Bromomethane
 Concen: 4.363 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Tgt Ion: 94 Resp: 36905
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.7 123.9

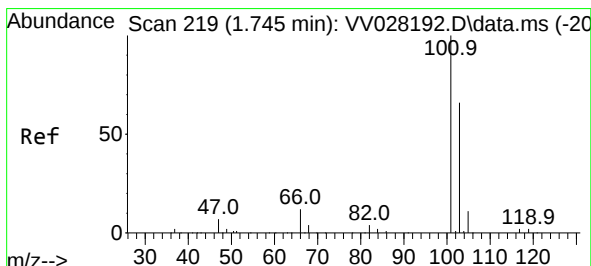
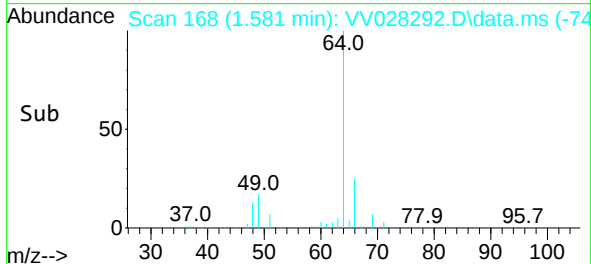
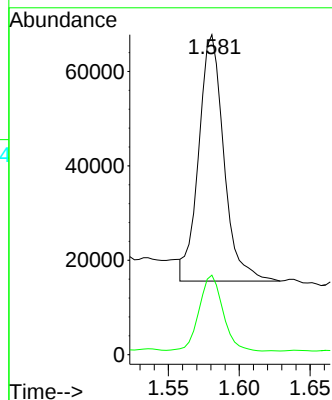
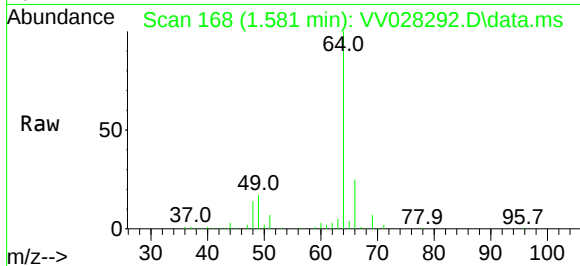




#8
Chloroethane
Concen: 5.410 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

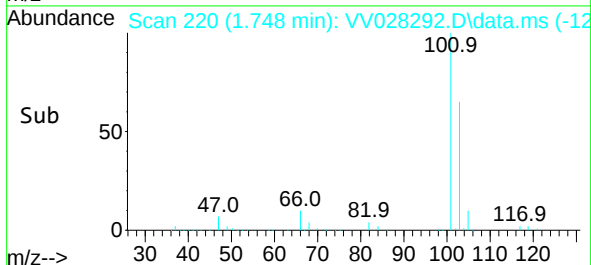
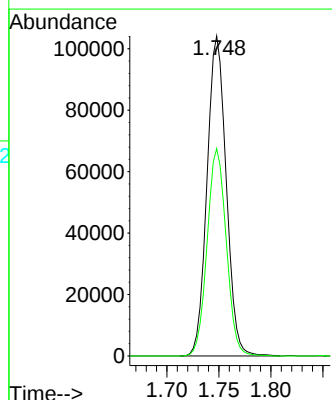
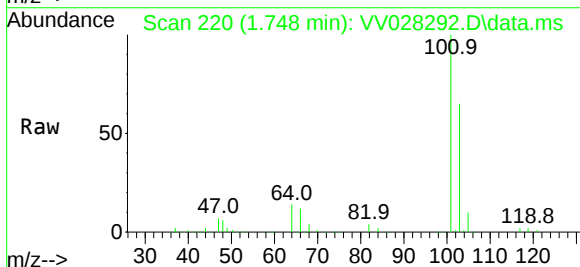
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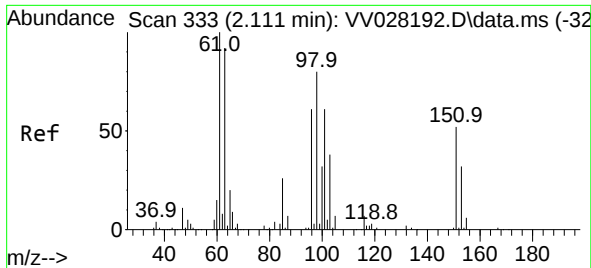
Tgt Ion: 64 Resp: 64220
Ion Ratio Lower Upper
64 100
66 24.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.990 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion:101 Resp: 133535
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

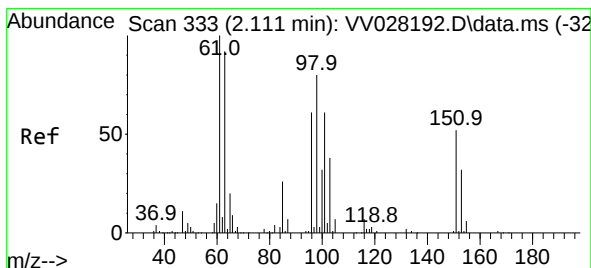
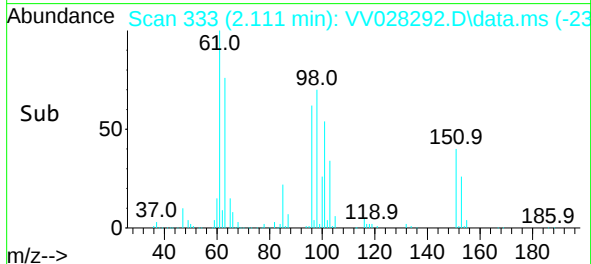
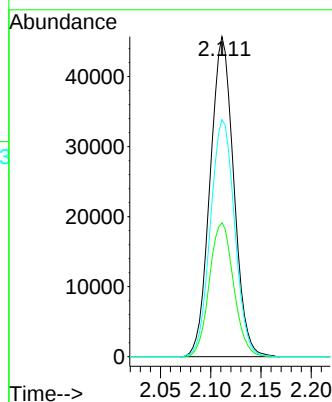
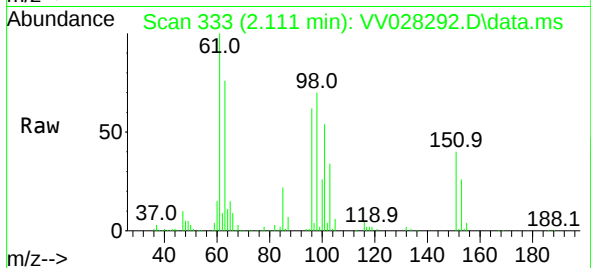




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.995 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

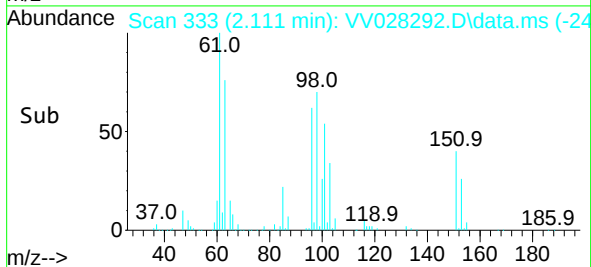
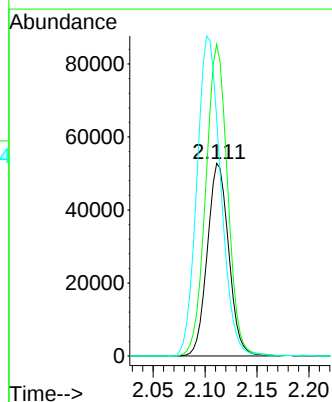
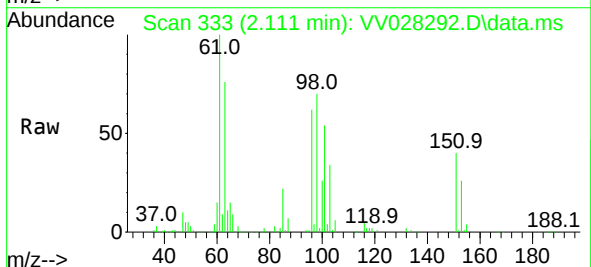
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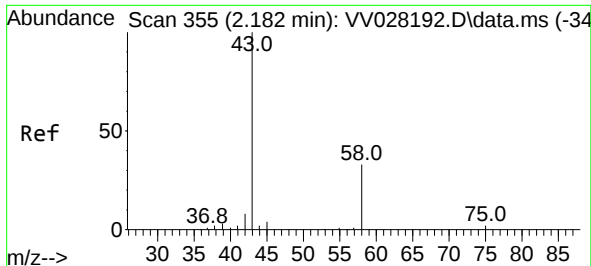
Tgt Ion:101 Resp: 74767
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.4 51.6
 151 75.8 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 5.071 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Tgt Ion: 96 Resp: 75485
 Ion Ratio Lower Upper
 96 100
 61 161.8 128.3 238.3
 63 123.2 112.7 209.3

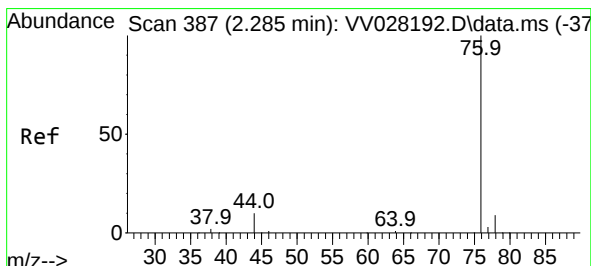
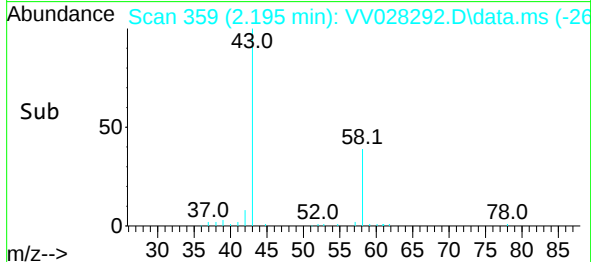
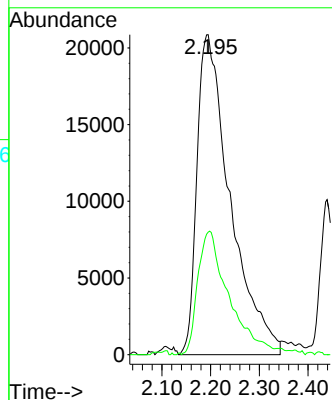
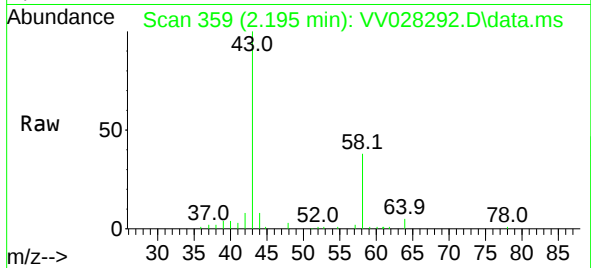




#13
Acetone
Concen: 57.082 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.020 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

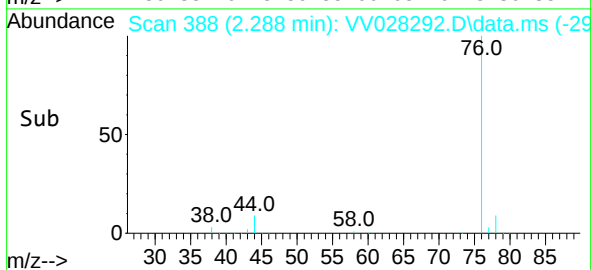
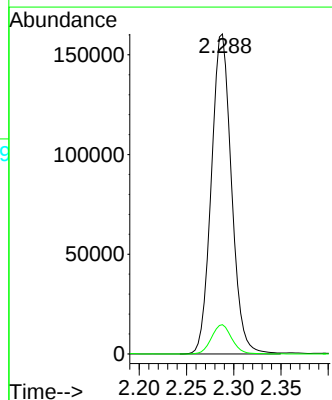
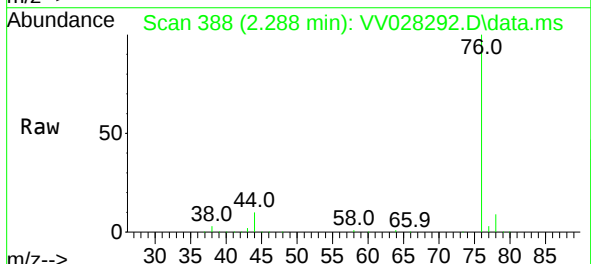
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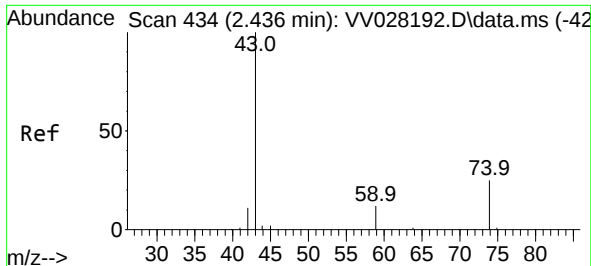
Tgt Ion: 43 Resp: 98885
Ion Ratio Lower Upper
43 100
58 36.0 0.0 65.6



#14
Carbon disulfide
Concen: 5.136 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 76 Resp: 238183
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





#15

Methyl Acetate

Concen: 5.060 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.007 min

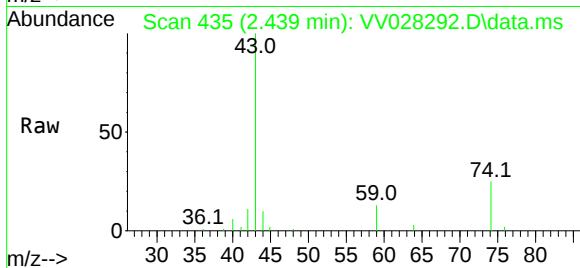
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Instrument :

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ClientSampleId :

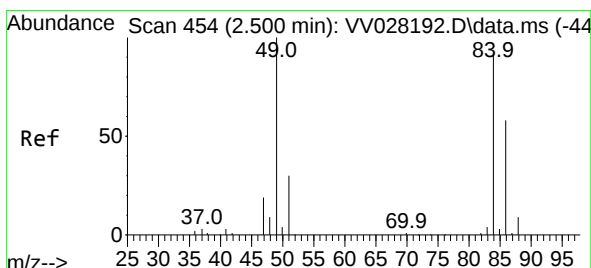
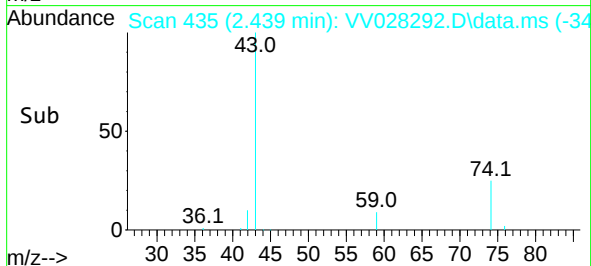
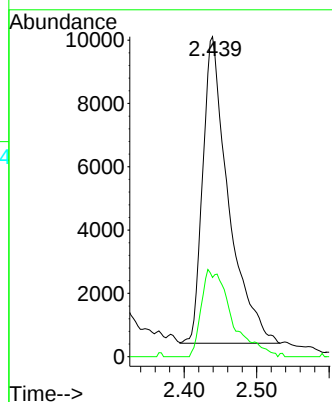


Tgt Ion: 43 Resp: 23859

Ion Ratio Lower Upper

43 100

74 33.4 16.9 25.3#



#16

Methylene chloride

Concen: 5.964 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

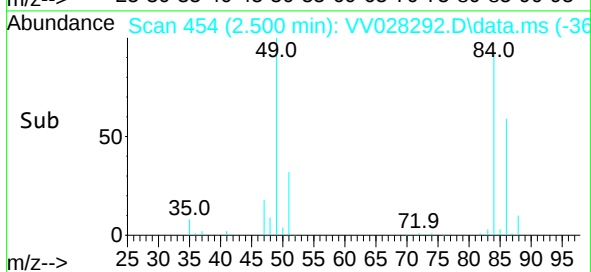
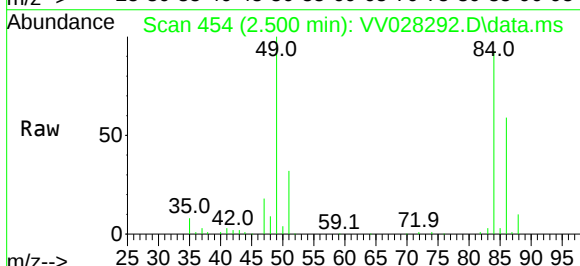
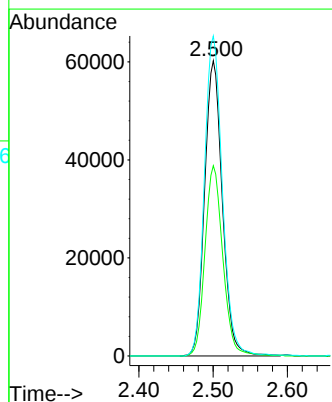
Tgt Ion: 84 Resp: 99925

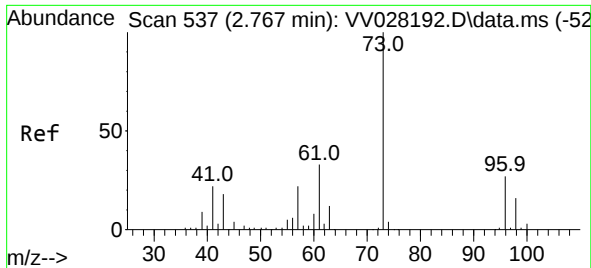
Ion Ratio Lower Upper

84 100

86 64.4 46.8 86.8

49 108.4 87.5 162.5

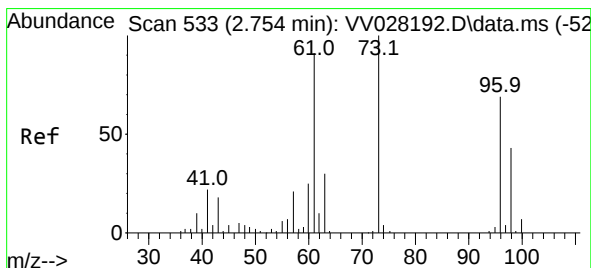
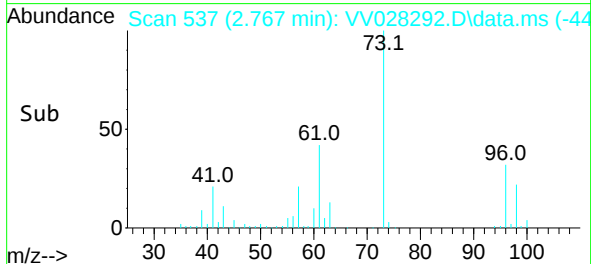
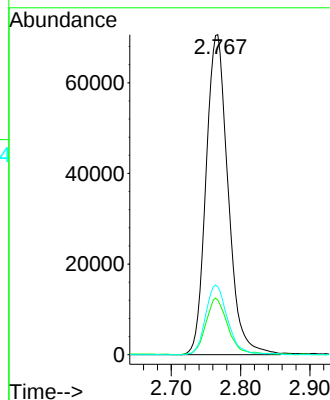
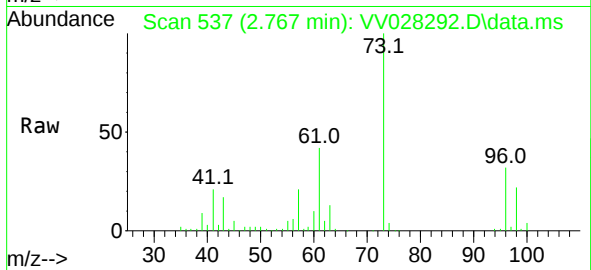




#17
Methyl tert-butyl Ether
Concen: 5.105 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

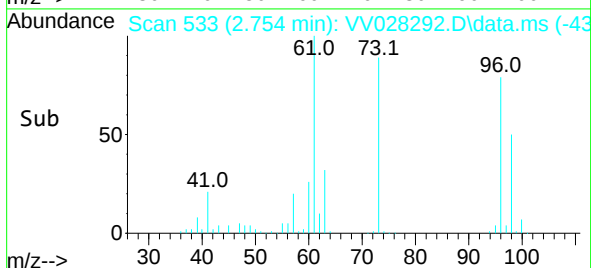
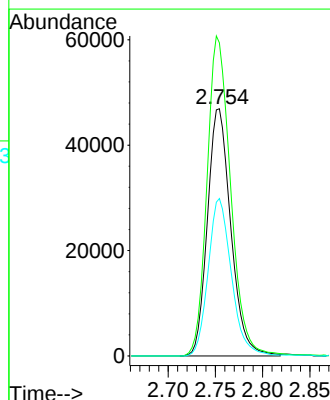
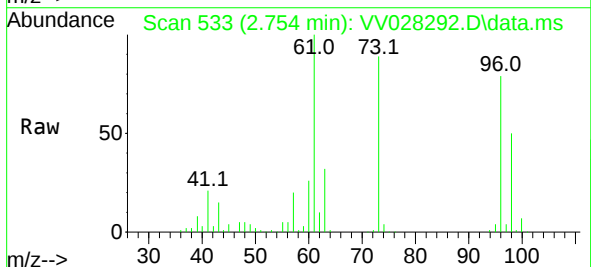
Instrument :
MSVOA_V
ClientSampleId :

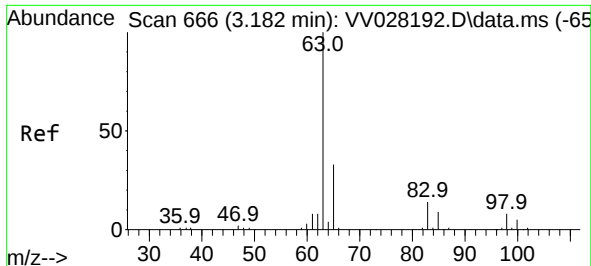
Tgt Ion: 73 Resp: 156031
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 21.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.220 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 96 Resp: 80928
Ion Ratio Lower Upper
96 100
61 126.7 96.2 178.6
98 63.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.492 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :

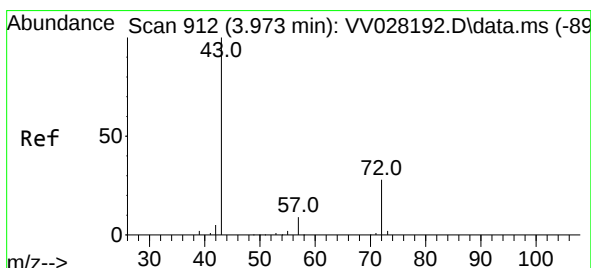
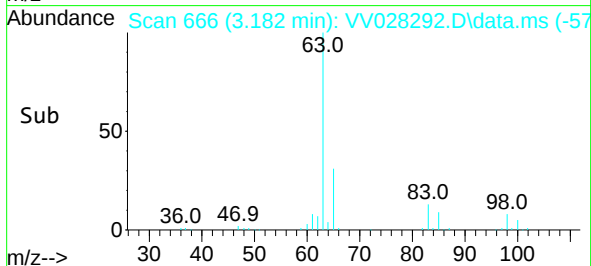
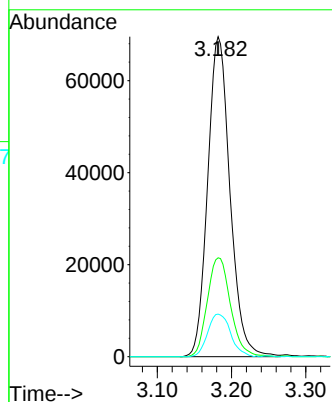
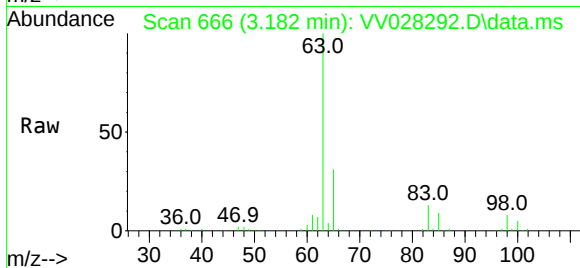
Tgt Ion: 63 Resp: 145013

Ion Ratio Lower Upper

63 100

65 30.9 23.0 42.8

83 13.3 9.2 17.2



#21

2-Butanone

Concen: 58.371 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.010 min

Lab File: VV028292.D

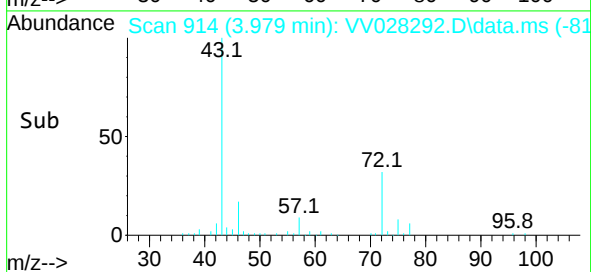
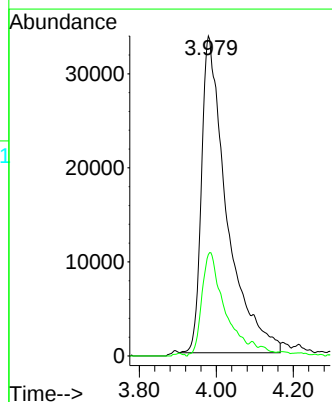
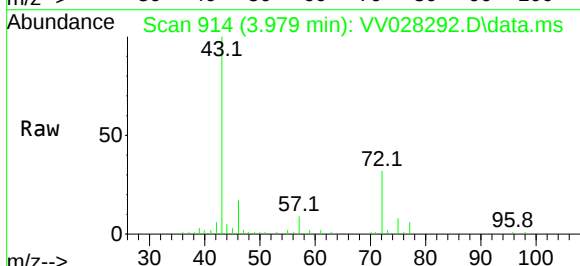
Acq: 03 Oct 2022 20:49

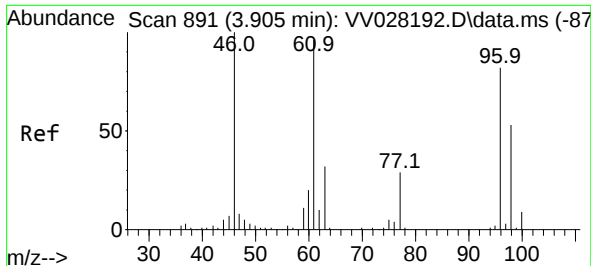
Tgt Ion: 43 Resp: 153507

Ion Ratio Lower Upper

43 100

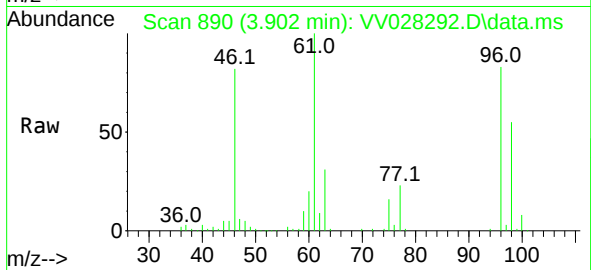
72 28.8 12.7 38.1





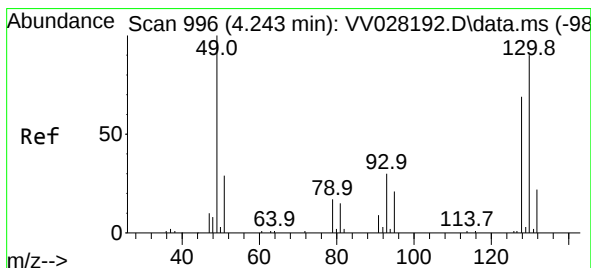
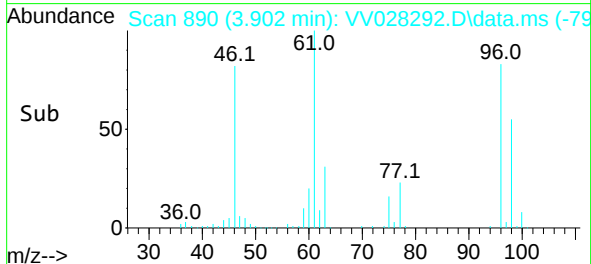
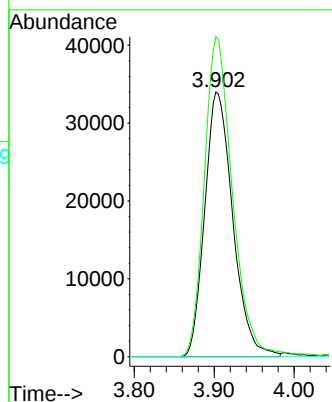
#22
 cis-1,2-Dichloroethene
 Concen: 5.309 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 82895

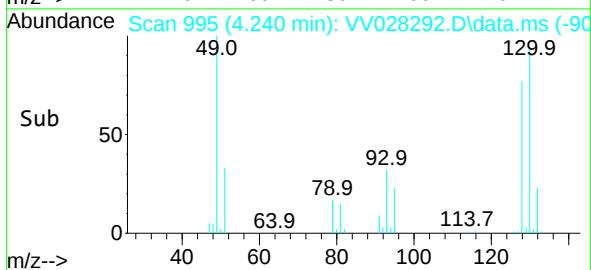
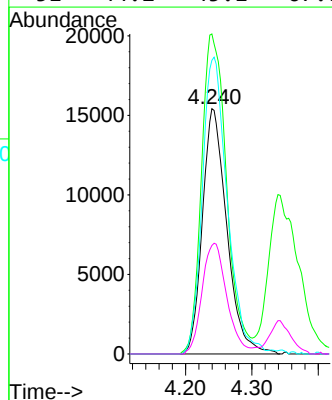
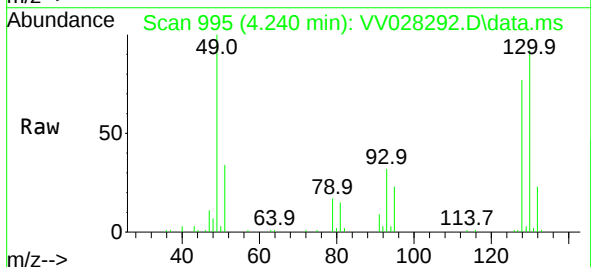
Ion	Ratio	Lower	Upper
96	100		
61	120.8	87.2	161.9
68	0.0	0.0	0.0

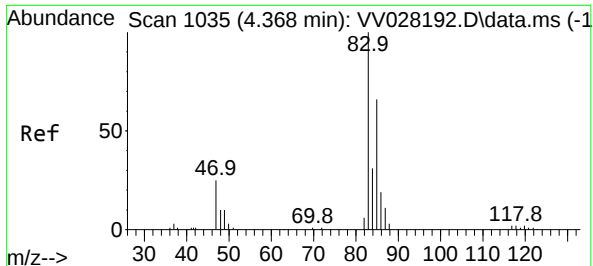


#23
 Bromochloromethane
 Concen: 5.684 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Tgt Ion: 128 Resp: 39304

Ion	Ratio	Lower	Upper
128	100		
49	130.5	119.9	222.7
130	119.8	94.6	175.8
51	44.2	45.1	67.7





#25

Chloroform

Concen: 5.312 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

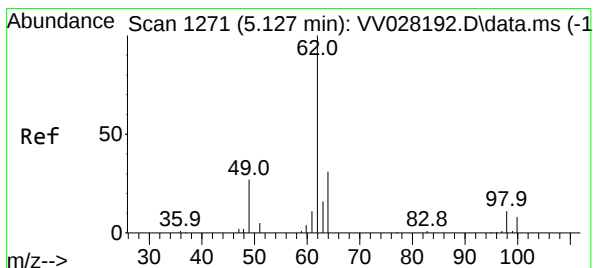
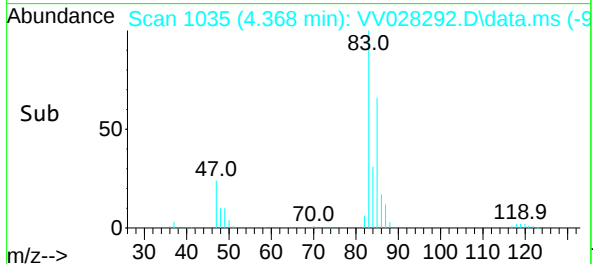
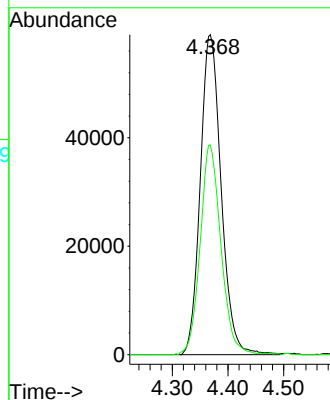
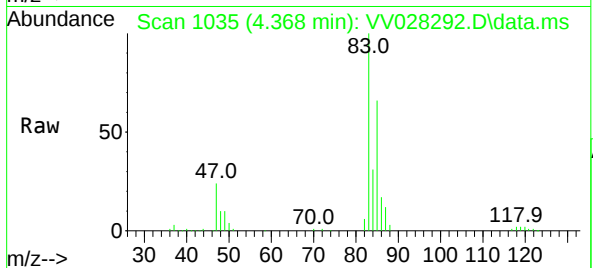
ClientSampleId :

Tgt Ion: 83 Resp: 153818

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.270 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028292.D

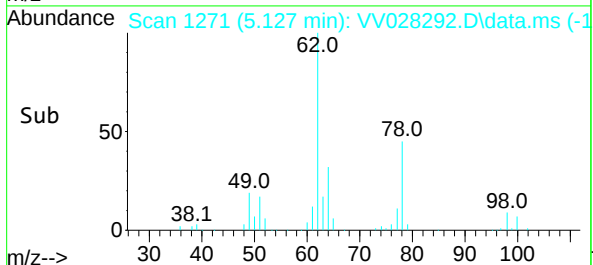
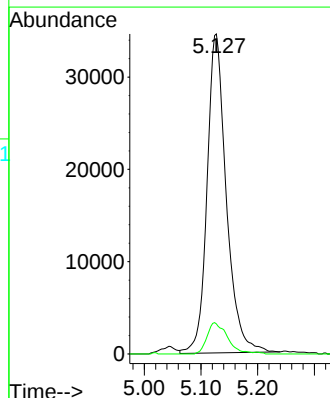
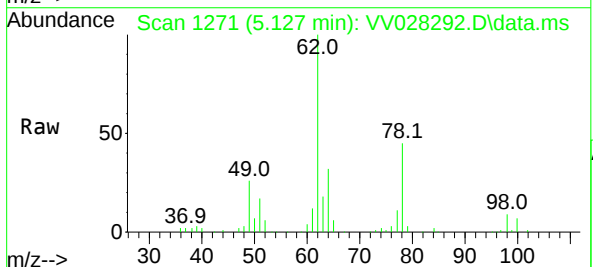
Acq: 03 Oct 2022 20:49

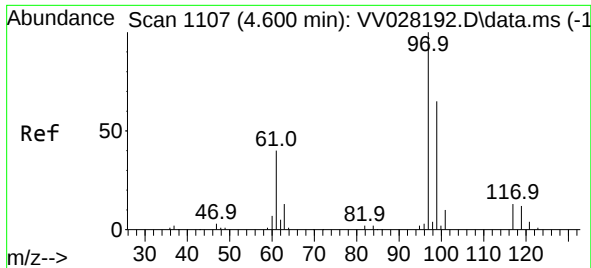
Tgt Ion: 62 Resp: 81754

Ion Ratio Lower Upper

62 100

98 9.4 6.7 10.1

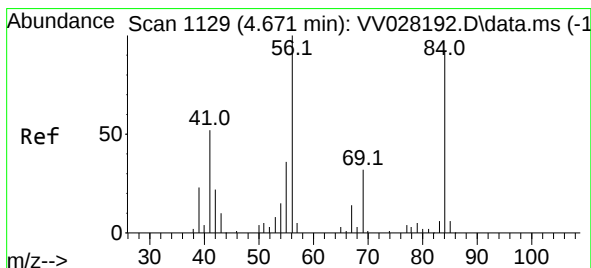
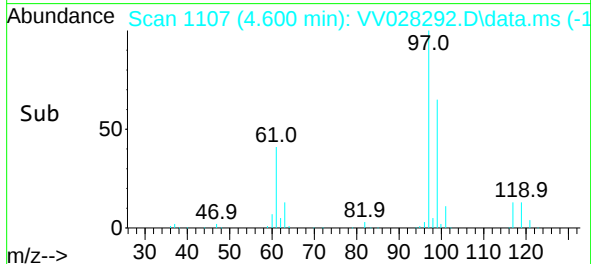
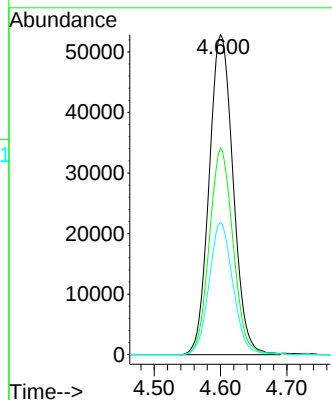
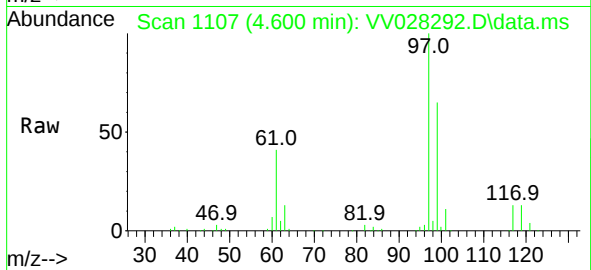




#29
1,1,1-Trichloroethane
Concen: 5.200 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

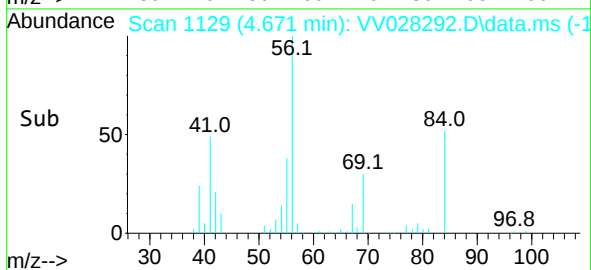
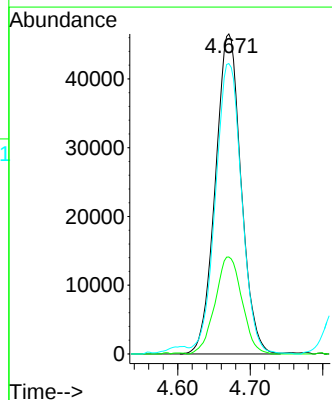
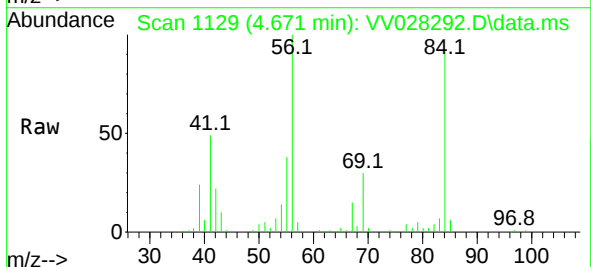
Instrument :
MSVOA_V
ClientSampleId :

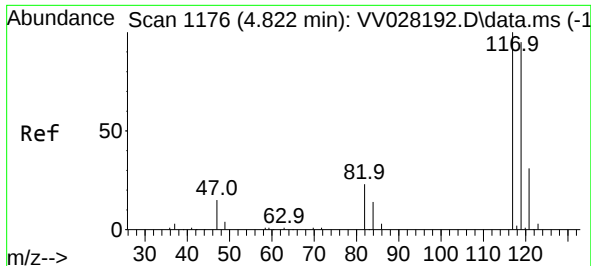
Tgt Ion: 97 Resp: 132930
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 41.0 34.8 52.2



#30
Cyclohexane
Concen: 5.217 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 56 Resp: 114896
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 92.7 67.3 100.9

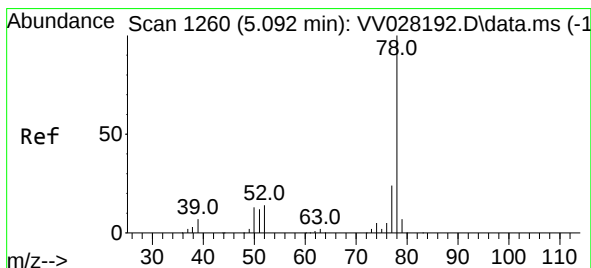
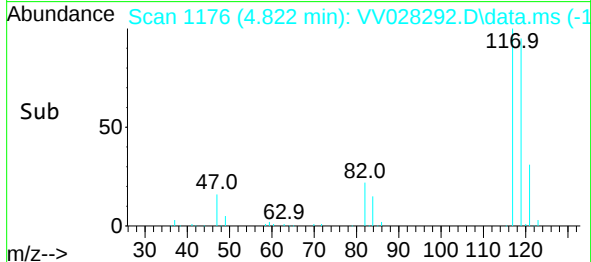
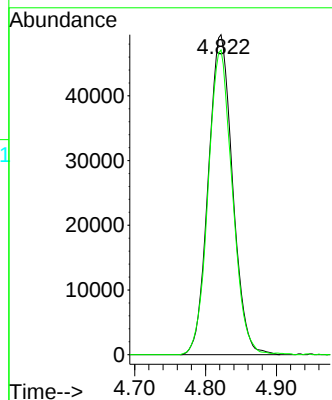
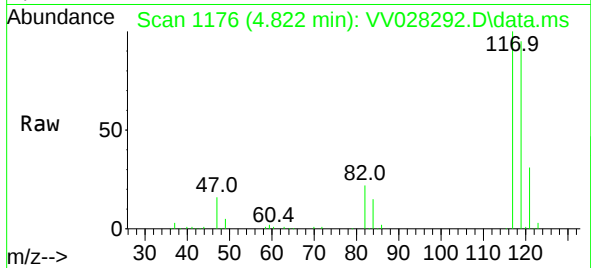




#31
Carbon tetrachloride
Concen: 5.130 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

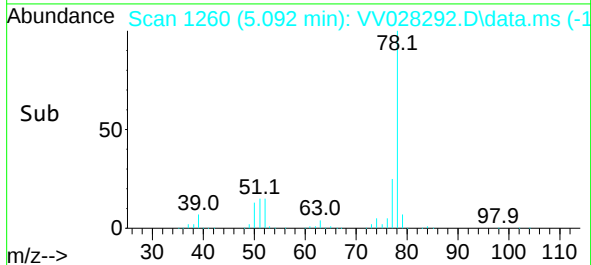
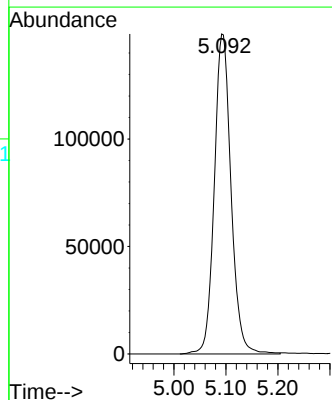
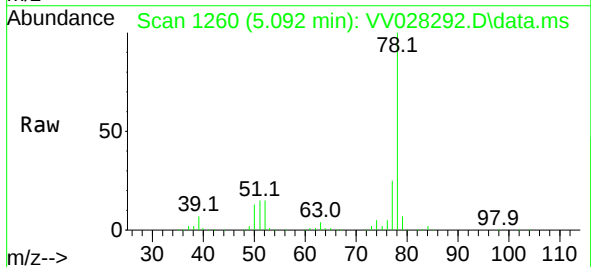
Instrument :
MSVOA_V
ClientSampleId :

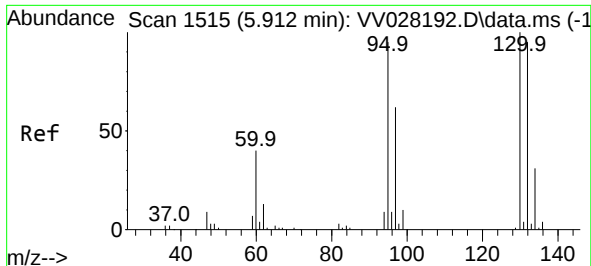
Tgt Ion:117 Resp: 117643
Ion Ratio Lower Upper
117 100
119 94.6 76.9 115.3



#33
Benzene
Concen: 5.392 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

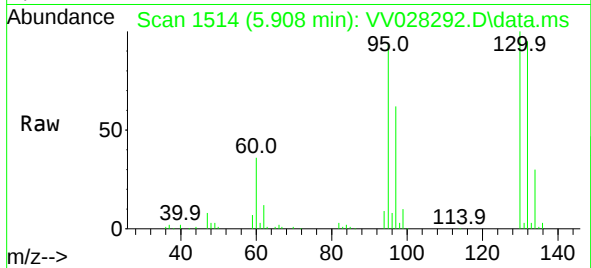
Tgt Ion: 78 Resp: 332644



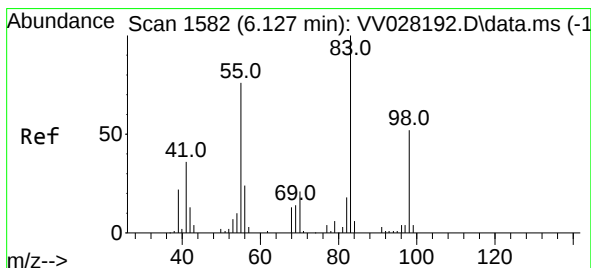
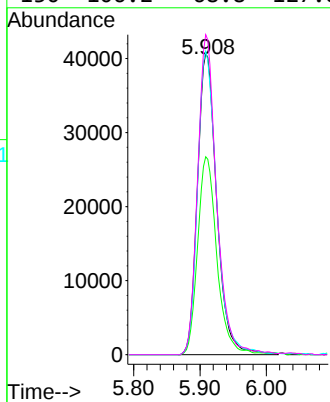
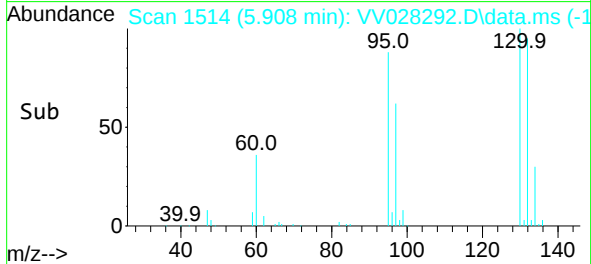


#34
Trichloroethene
Concen: 5.316 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

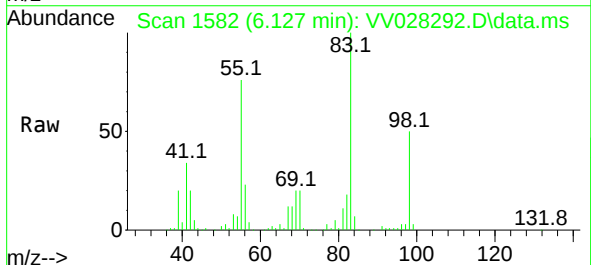
Instrument :
MSVOA_V
ClientSampleId :



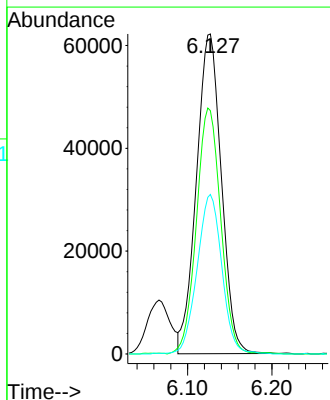
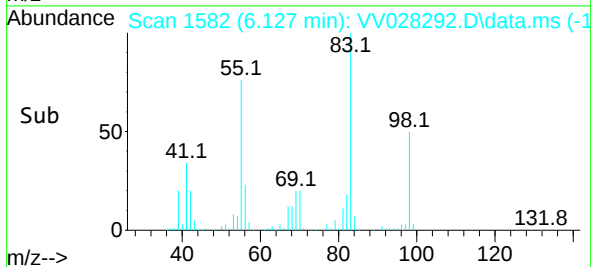
Tgt Ion: 95 Resp: 82118
Ion Ratio Lower Upper
95 100
97 65.7 44.2 82.0
132 100.7 67.8 126.0
130 106.2 68.8 127.8

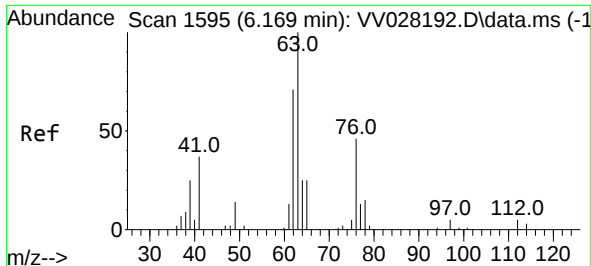


#35
Methylcyclohexane
Concen: 5.079 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49



Tgt Ion: 83 Resp: 128085
Ion Ratio Lower Upper
83 100
55 75.1 64.7 97.1
98 49.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.624 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

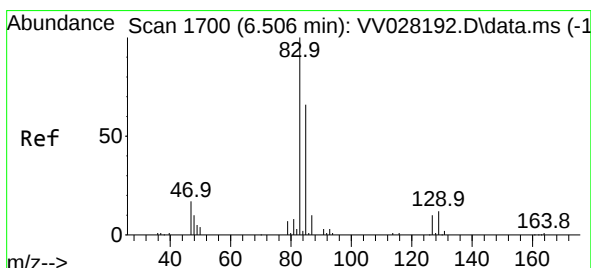
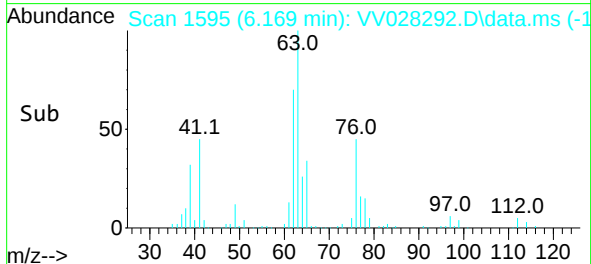
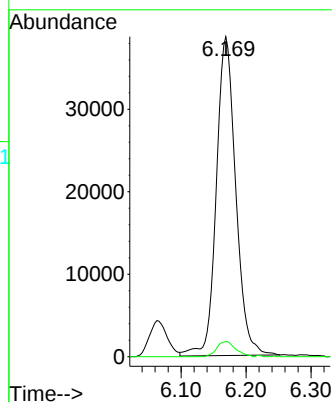
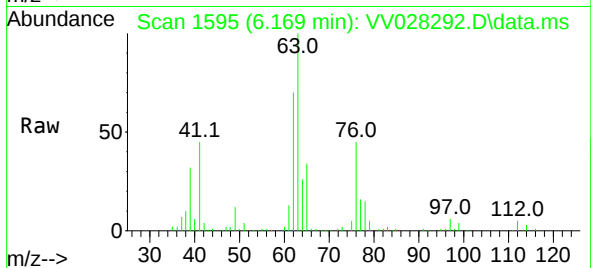
ClientSampleId :

Tgt Ion: 63 Resp: 80357

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 5.181 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

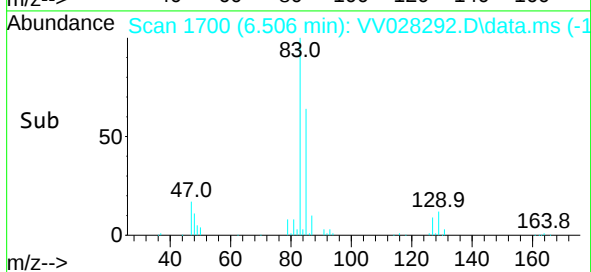
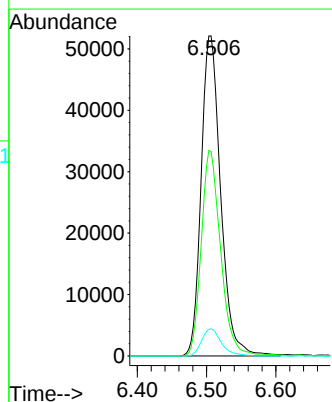
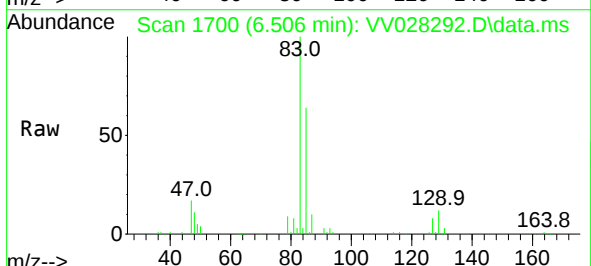
Tgt Ion: 83 Resp: 102092

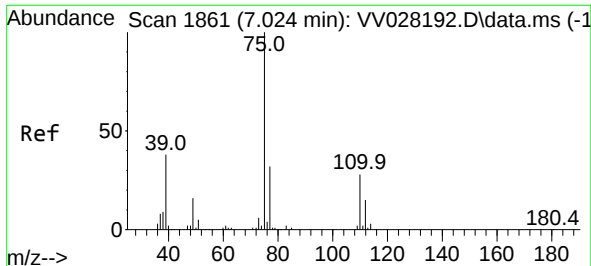
Ion Ratio Lower Upper

83 100

85 63.9 43.8 81.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.832 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

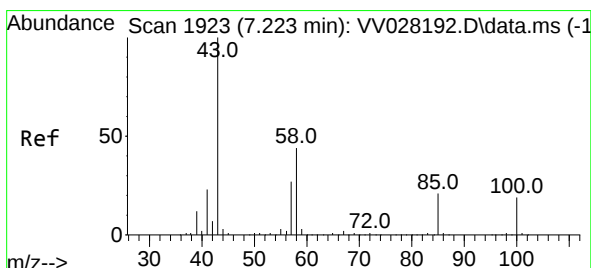
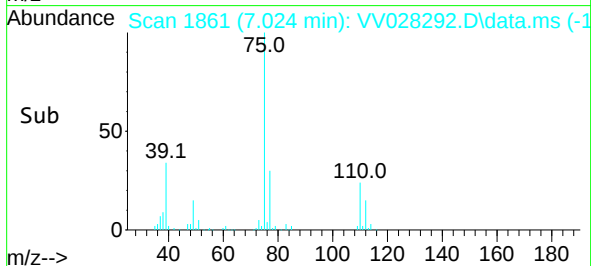
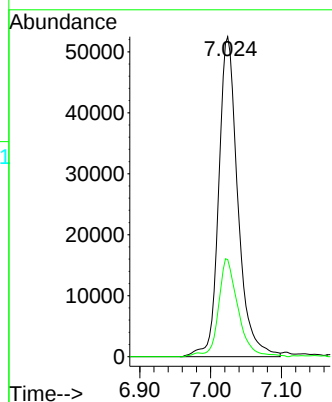
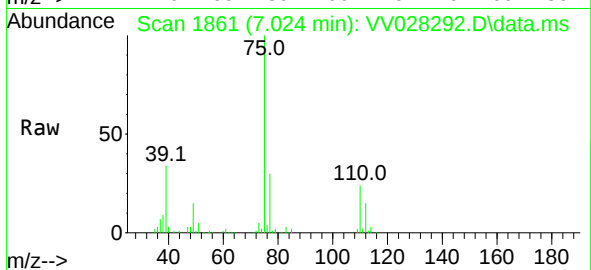
ClientSampleId :

Tgt Ion: 75 Resp: 98548

Ion Ratio Lower Upper

75 100

77 30.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 57.770 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

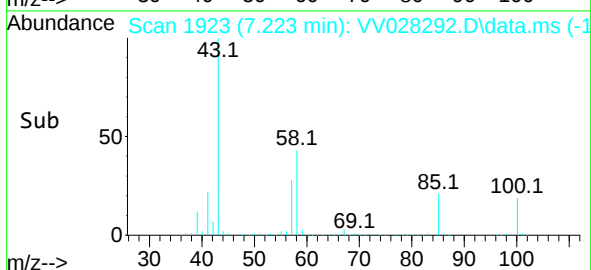
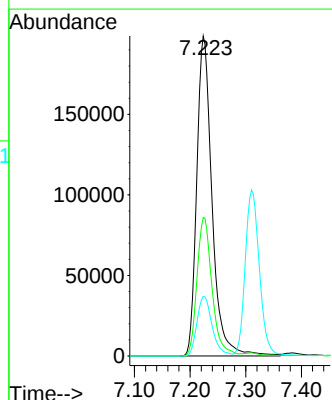
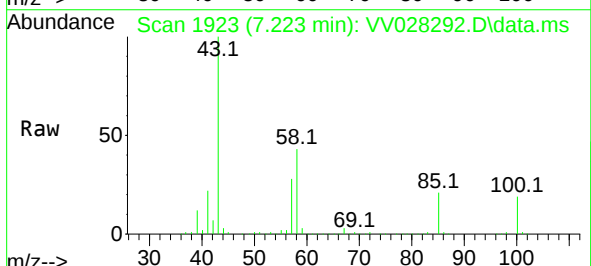
Tgt Ion: 43 Resp: 379221

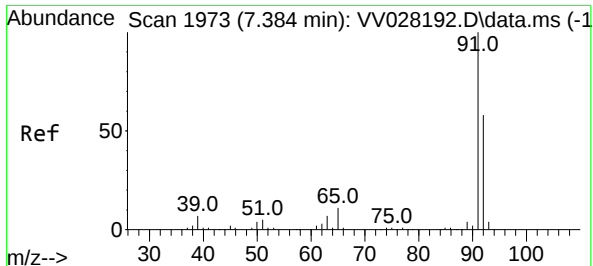
Ion Ratio Lower Upper

43 100

58 42.5 32.2 48.4

100 18.5 12.7 19.1





#42

Toluene

Concen: 5.525 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

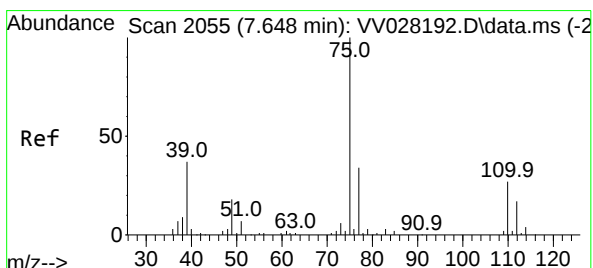
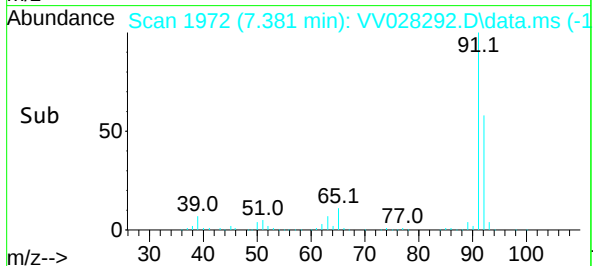
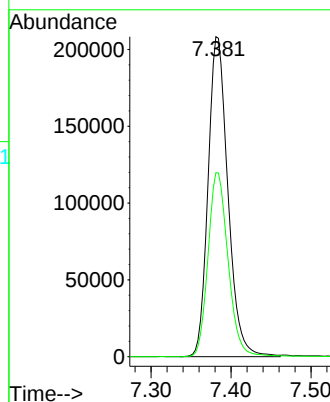
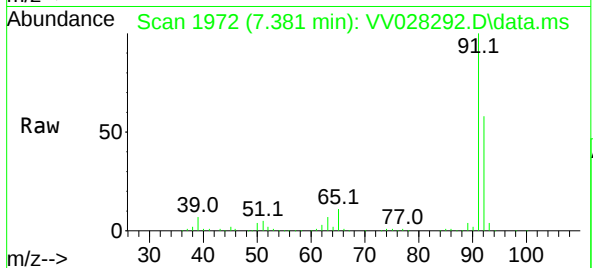
ClientSampleId :

Tgt Ion: 91 Resp: 358689

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.680 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028292.D

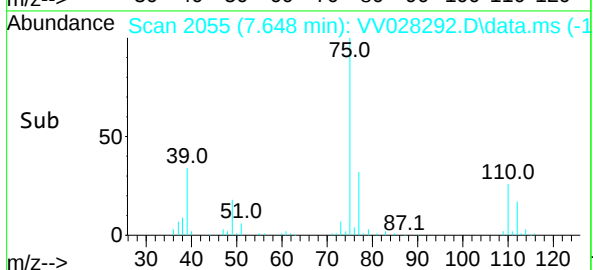
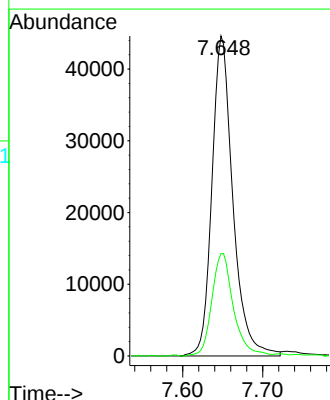
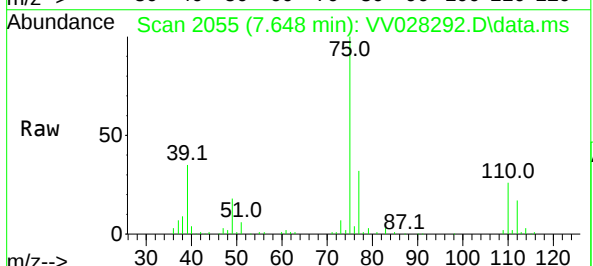
Acq: 03 Oct 2022 20:49

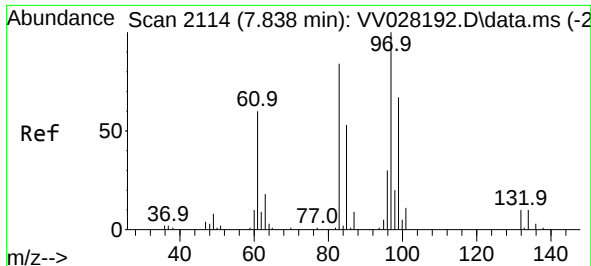
Tgt Ion: 75 Resp: 81089

Ion Ratio Lower Upper

75 100

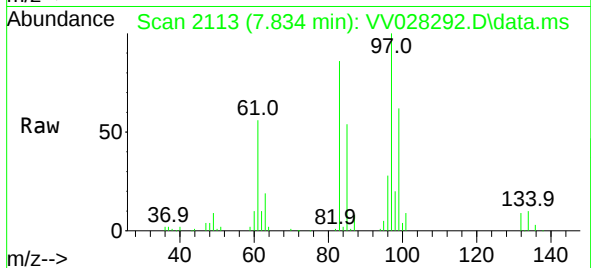
77 32.0 23.9 44.3



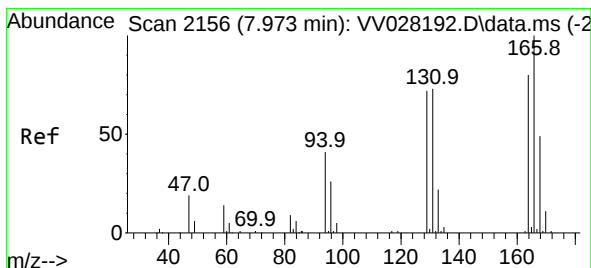
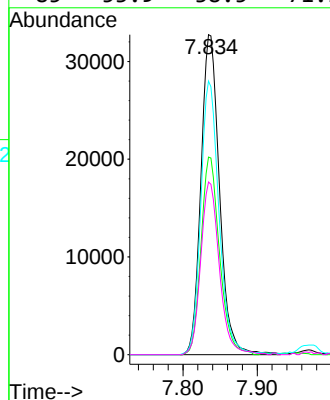
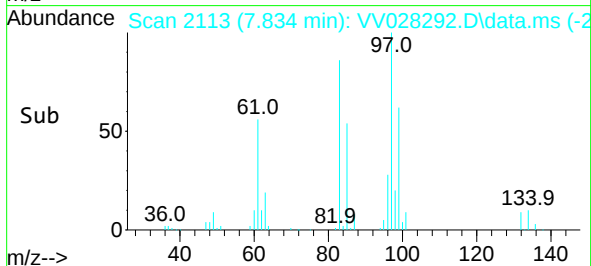


#45
1,1,2-Trichloroethane
Concen: 5.374 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

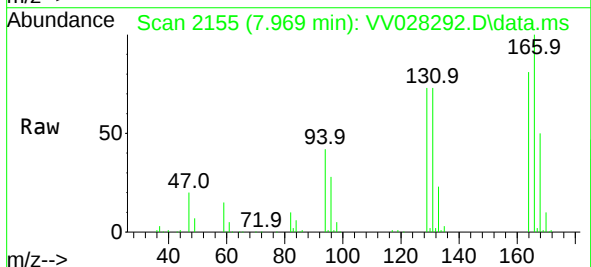
Instrument :
MSVOA_V
ClientSampleId :



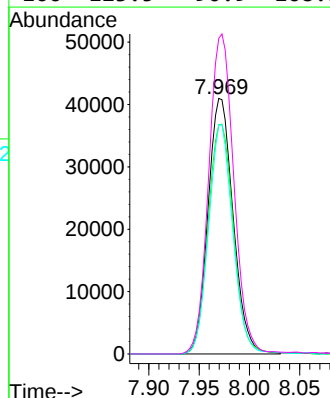
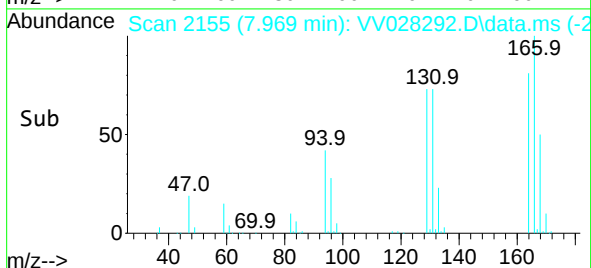
Tgt Ion:	97	Resp:	56951
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.2	80.2
83	85.5	59.1	109.9
85	53.9	38.5	71.5

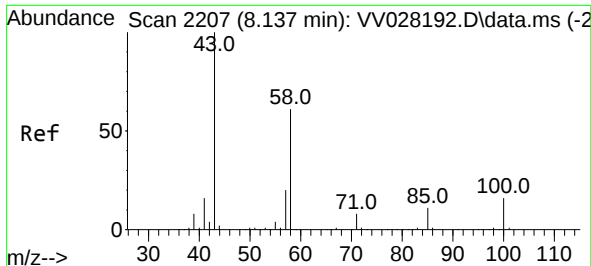


#47
Tetrachloroethene
Concen: 5.269 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49



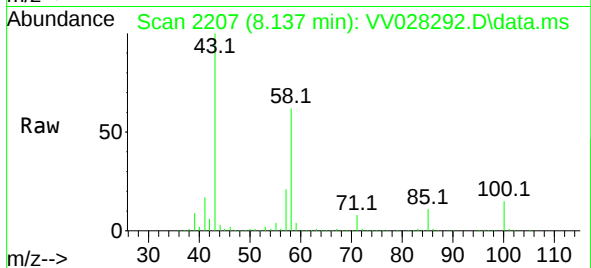
Tgt Ion:	164	Resp:	71125
Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.7	123.9
131	89.5	61.7	114.5
166	123.5	90.9	168.9



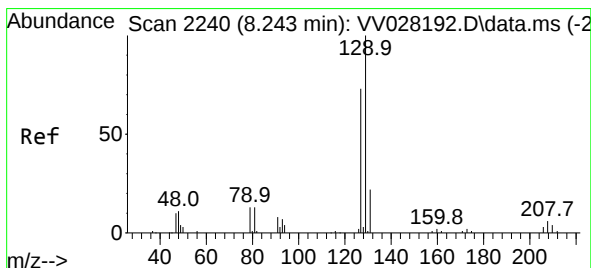
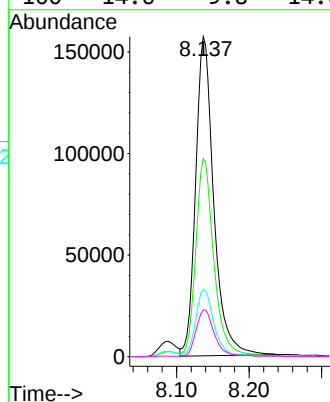
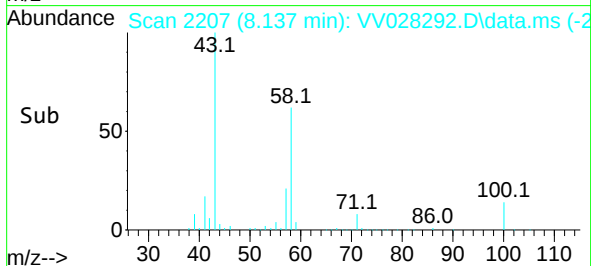


#48
2-Hexanone
Concen: 59.303 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Instrument :
MSVOA_V
ClientSampleId :

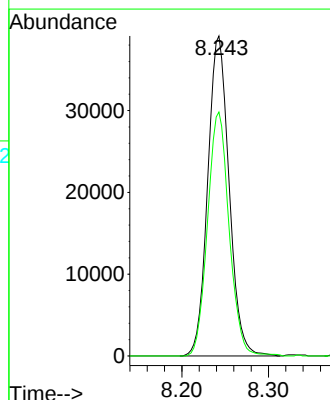
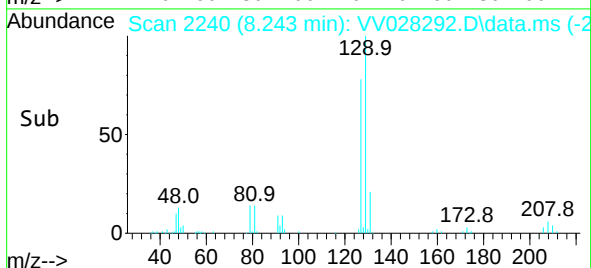
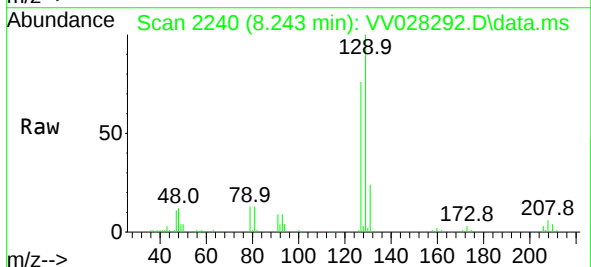


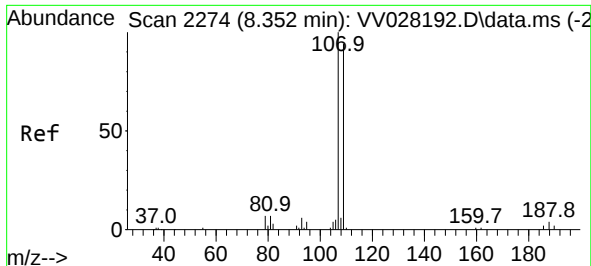
Tgt Ion: 43 Resp: 272647
Ion Ratio Lower Upper
43 100
58 61.8 45.7 68.5
57 21.4 15.5 23.3
100 14.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.988 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 129 Resp: 66900
Ion Ratio Lower Upper
129 100
127 76.2 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.448 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028292.D

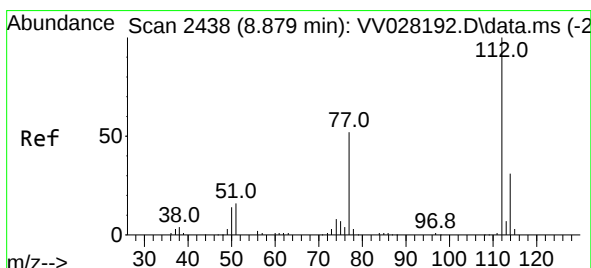
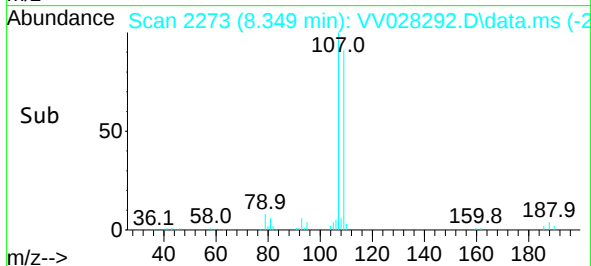
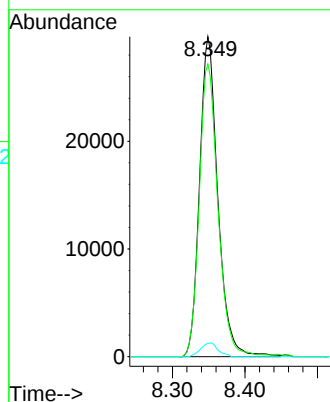
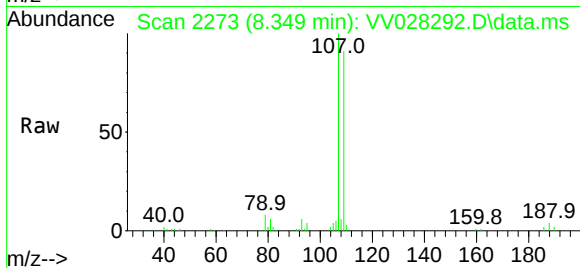
Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	51957
Ion	Ratio	Lower	Upper
107	100		
109	91.5	65.9	122.5
188	4.1	3.4	5.0



#51

Chlorobenzene

Concen: 5.151 ug/L

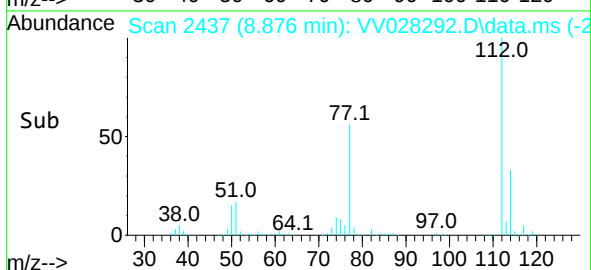
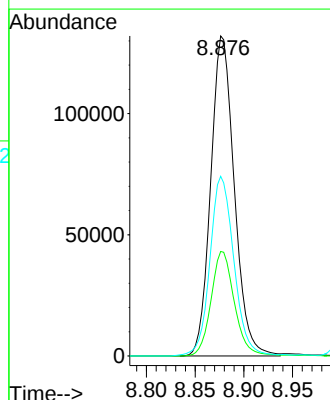
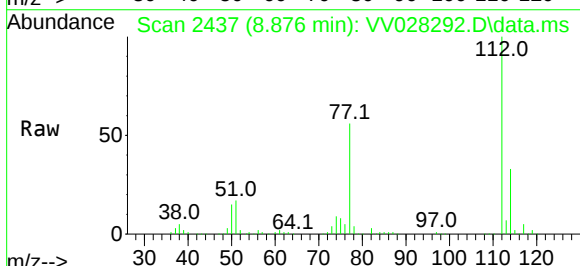
RT: 8.876 min Scan# 2437

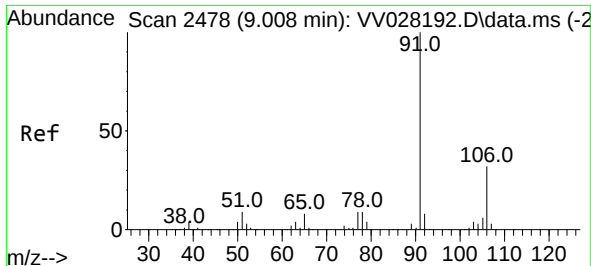
Delta R.T. -0.003 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Tgt Ion:	112	Resp:	222370
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.7
77	56.2	46.1	69.1

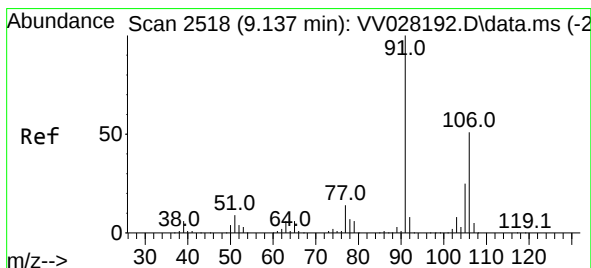
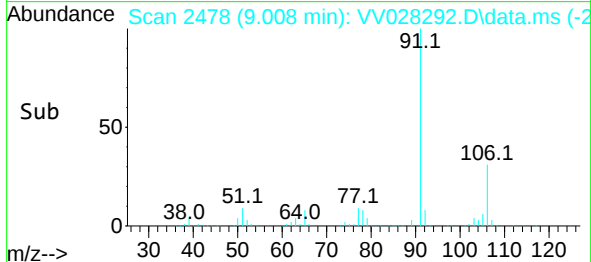
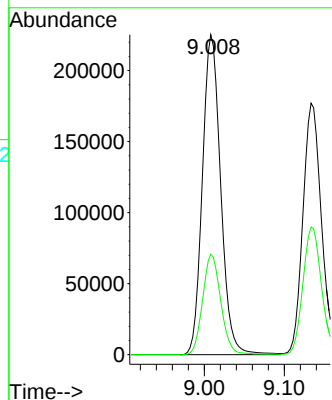
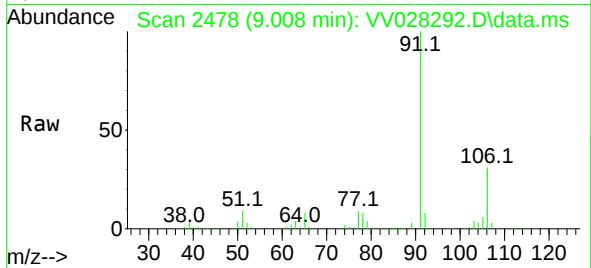




#52
Ethylbenzene
Concen: 5.264 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

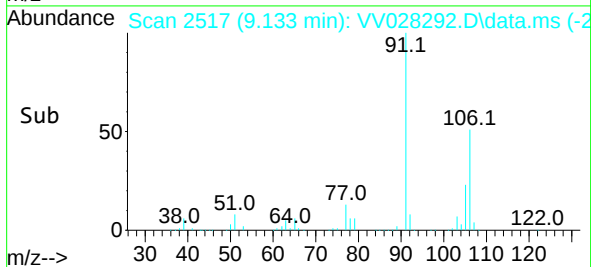
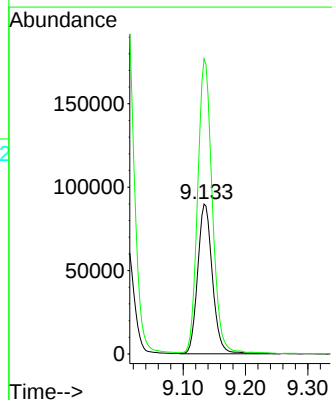
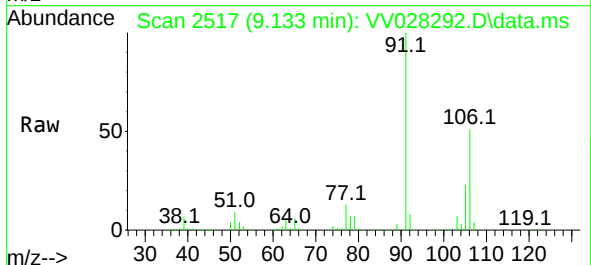
Instrument :
MSVOA_V
ClientSampleId :

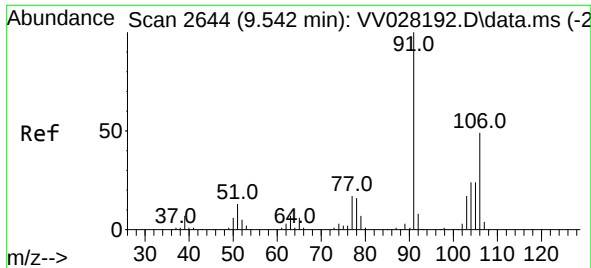
Tgt Ion: 91 Resp: 359114
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.422 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 106 Resp: 147442
Ion Ratio Lower Upper
106 100
91 196.9 141.9 263.5

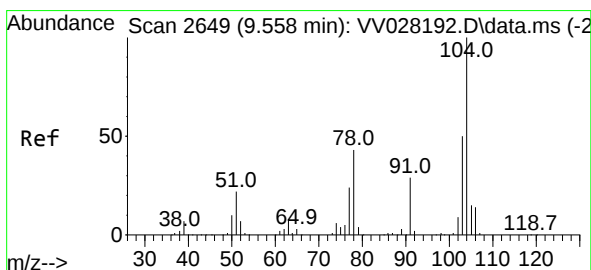
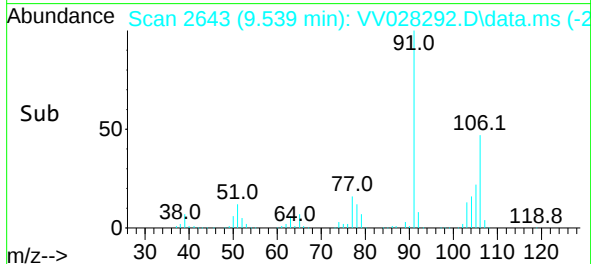
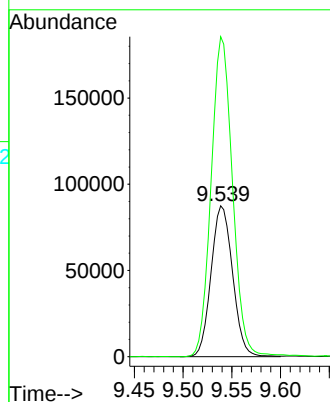
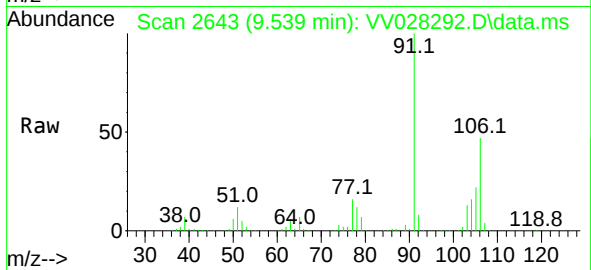




#54
o-Xylene
Concen: 5.230 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

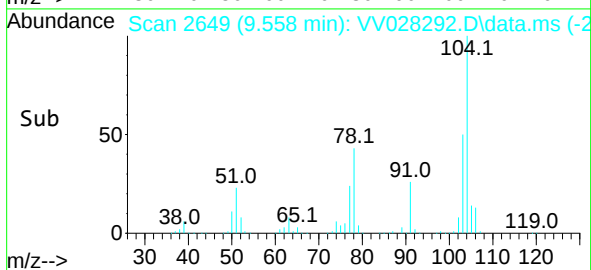
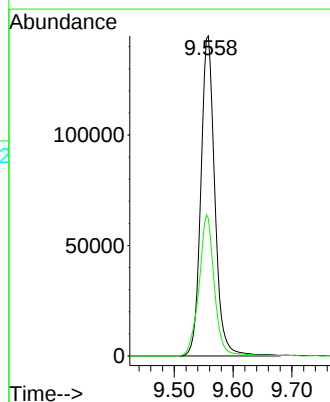
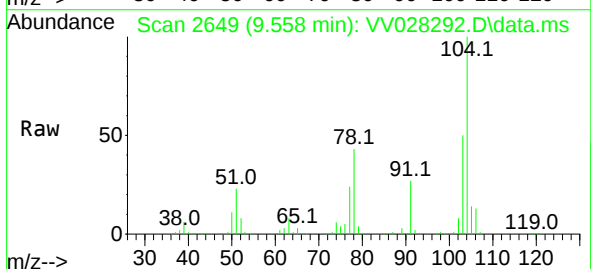
Instrument :
MSVOA_V
ClientSampleId :

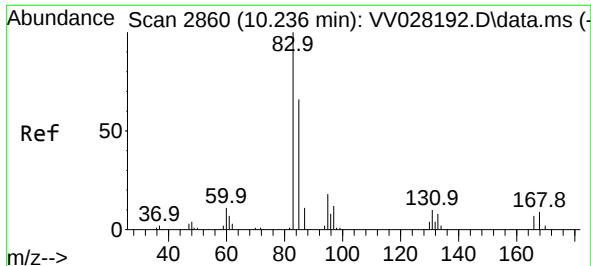
Tgt Ion:106 Resp: 134525
Ion Ratio Lower Upper
106 100
91 212.1 148.1 275.0



#55
Styrene
Concen: 5.422 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion:104 Resp: 239656
Ion Ratio Lower Upper
104 100
78 42.9 31.0 57.6

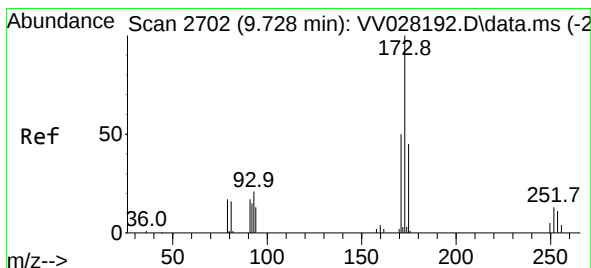
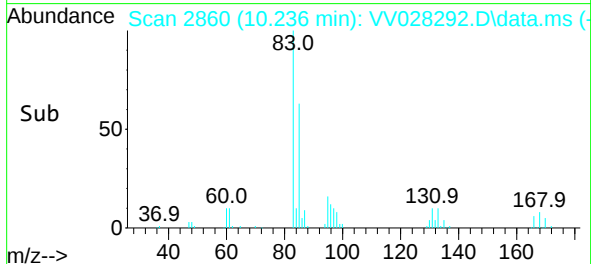
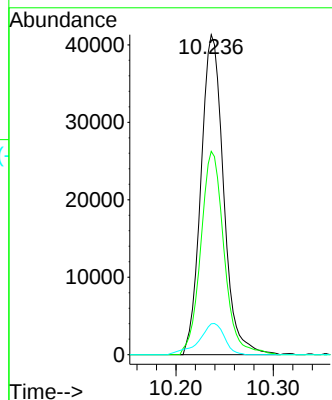
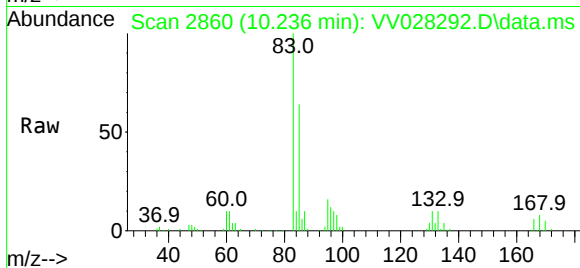




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.540 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

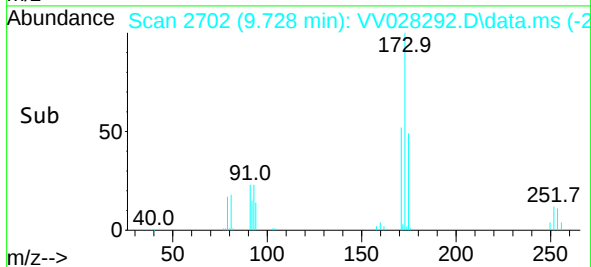
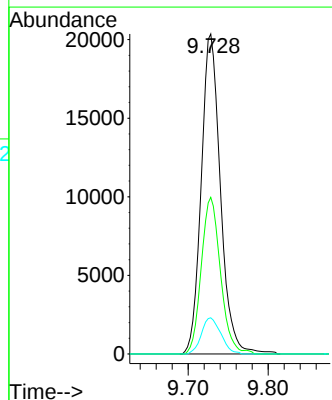
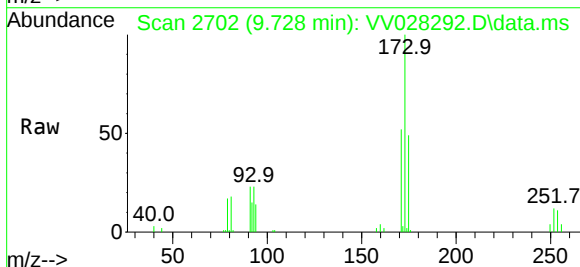
Instrument :
 MSVOA_V
 ClientSampleId :

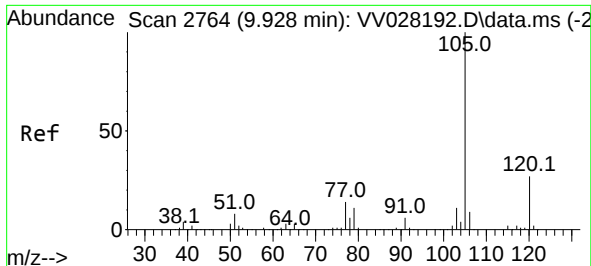
Tgt Ion: 83 Resp: 66609
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.2 84.0
 131 9.7 7.8 11.8



#59
 Bromoform
 Concen: 4.524 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV028292.D
 Acq: 03 Oct 2022 20:49

Tgt Ion: 173 Resp: 34099
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.4
 254 11.4 8.7 13.1

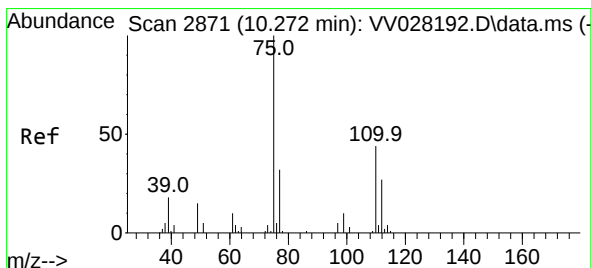
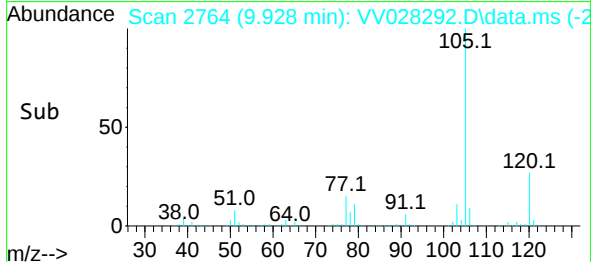
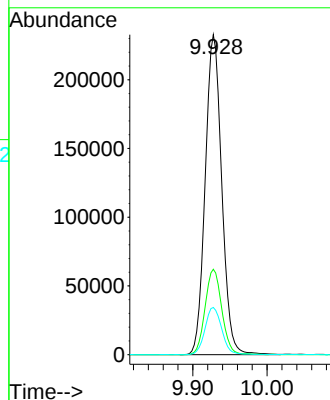
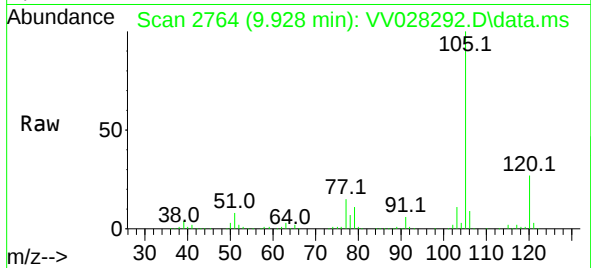




#60
Isopropylbenzene
Concen: 5.133 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

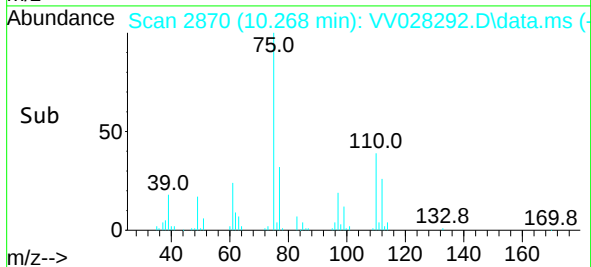
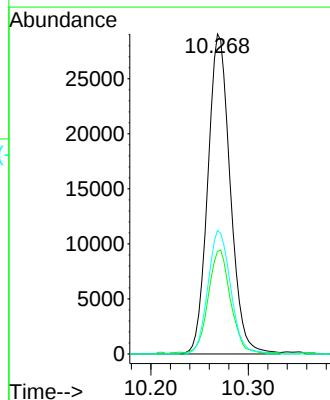
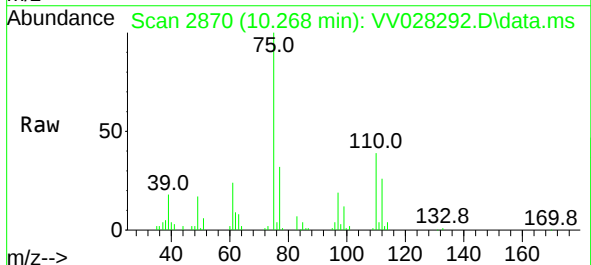
Instrument :
MSVOA_V
ClientSampleId :

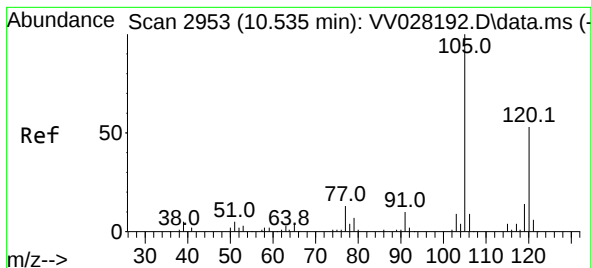
Tgt Ion:105 Resp: 359402
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.270 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion: 75 Resp: 46527
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
110 38.9 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.835 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

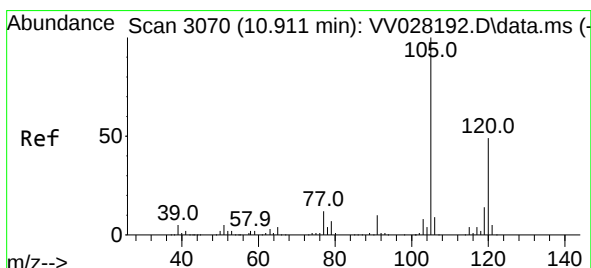
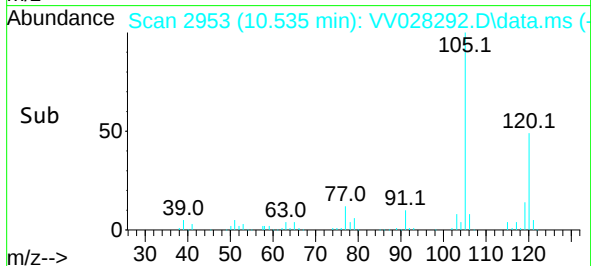
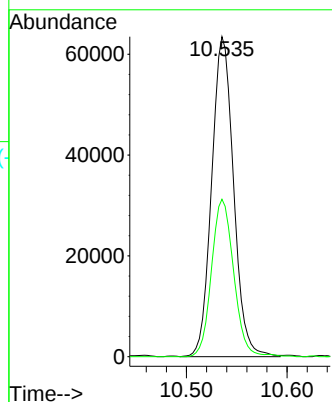
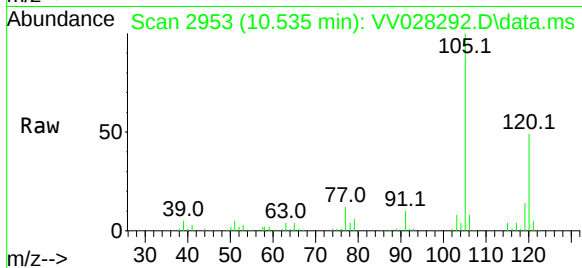
ClientSampleId :

Tgt Ion:105 Resp: 96195

Ion Ratio Lower Upper

105 100

120 49.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.929 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028292.D

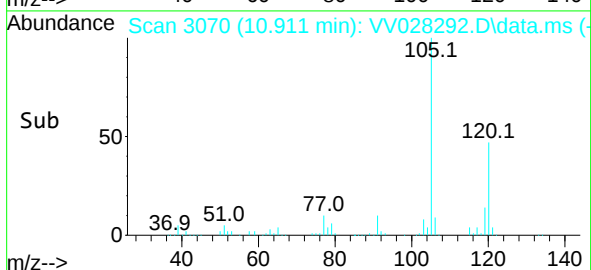
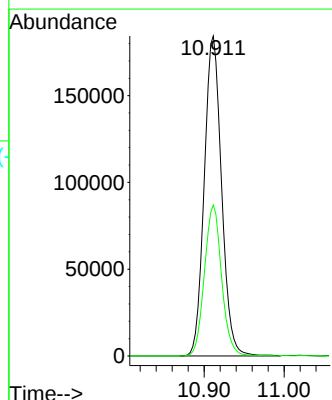
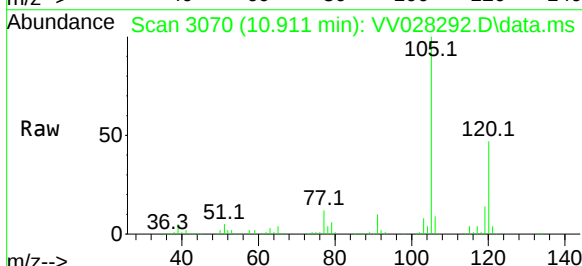
Acq: 03 Oct 2022 20:49

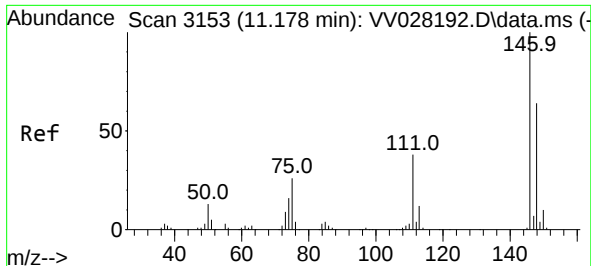
Tgt Ion:105 Resp: 277932

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8

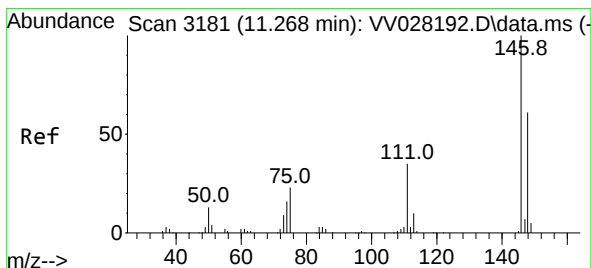
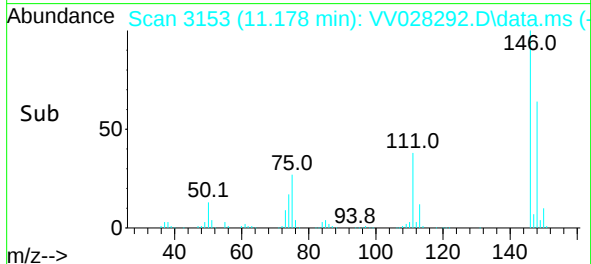
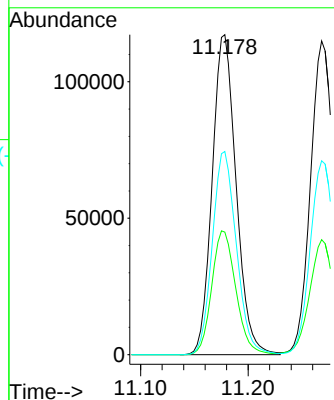
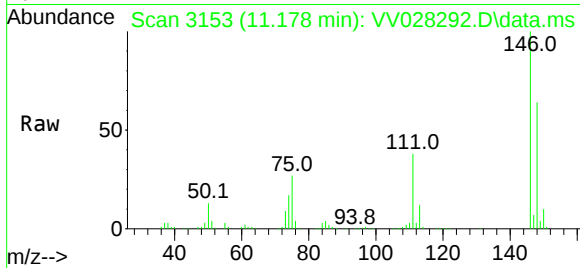




#64
1,3-Dichlorobenzene
Concen: 5.270 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

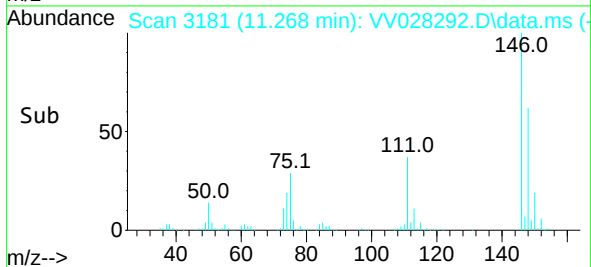
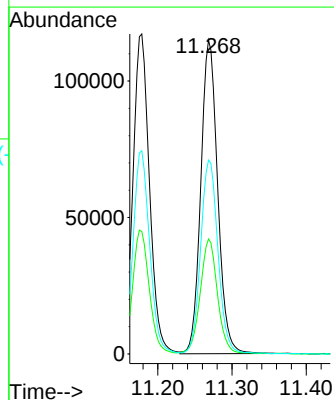
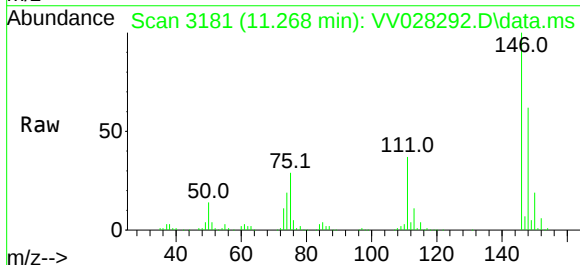
Instrument :
MSVOA_V
ClientSampleId :

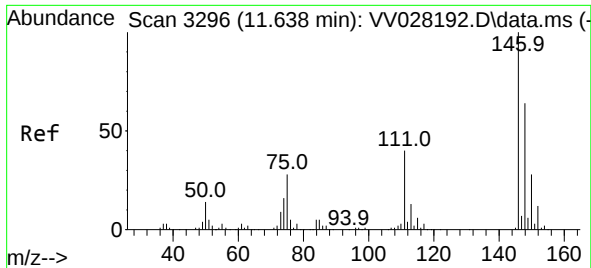
Tgt Ion:146 Resp: 181289
Ion Ratio Lower Upper
146 100
111 38.3 27.1 50.3
148 63.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028292.D
Acq: 03 Oct 2022 20:49

Tgt Ion:146 Resp: 181283
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 61.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.273 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :

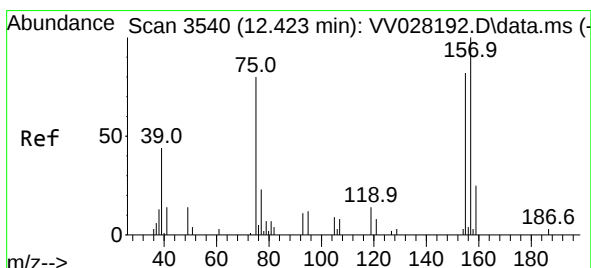
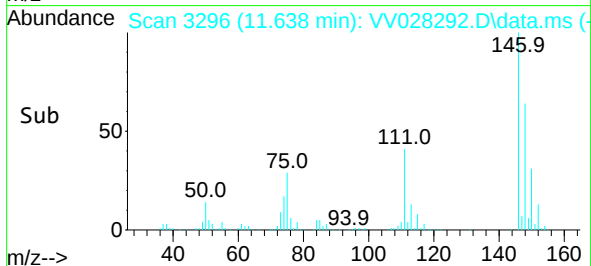
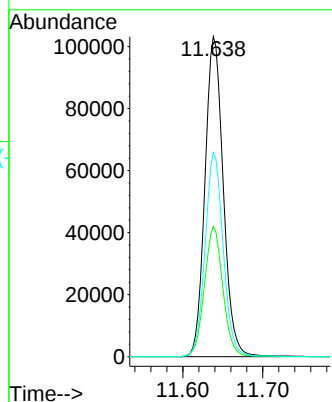
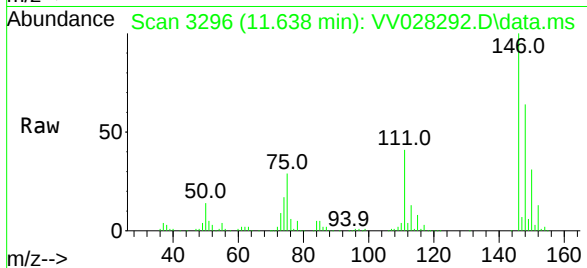
Tgt Ion:146 Resp: 164500

Ion Ratio Lower Upper

146 100

111 40.7 32.6 49.0

148 63.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.683 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

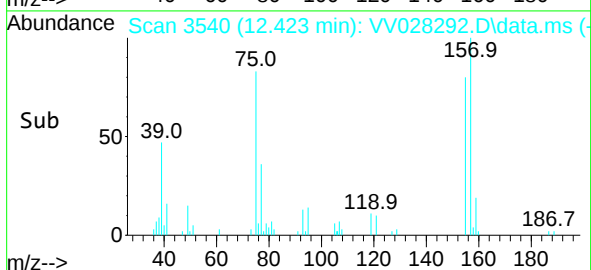
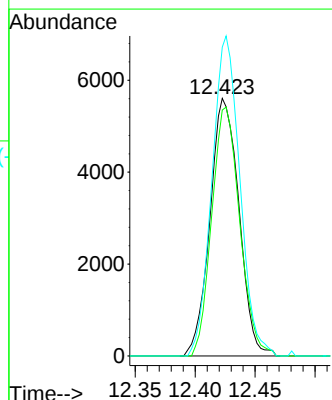
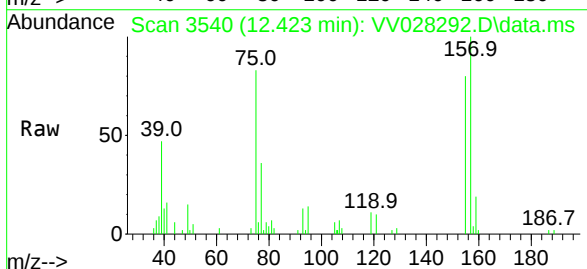
Tgt Ion: 75 Resp: 9419

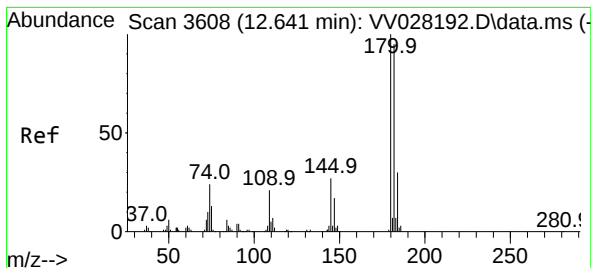
Ion Ratio Lower Upper

75 100

155 95.5 73.6 110.4

157 119.9 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.927 ug/L

RT: 12.641 min Scan# 30

Delta R.T. 0.000 min

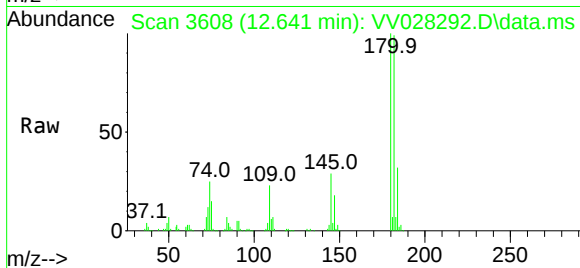
Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 134047

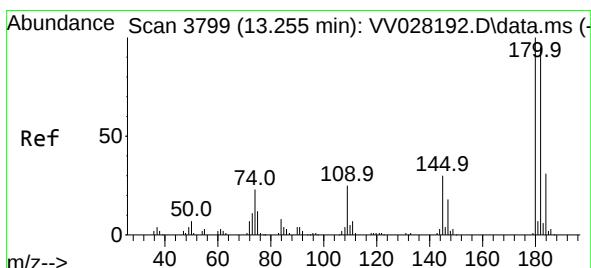
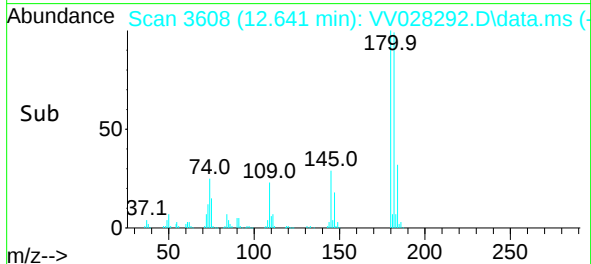
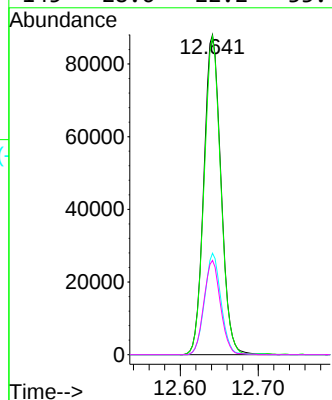
Ion Ratio Lower Upper

180 100

182 97.0 75.5 113.3

184 30.4 23.7 35.5

145 28.6 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.034 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

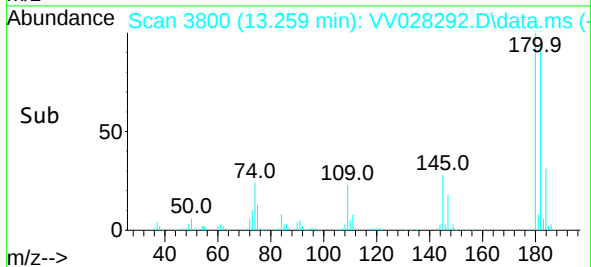
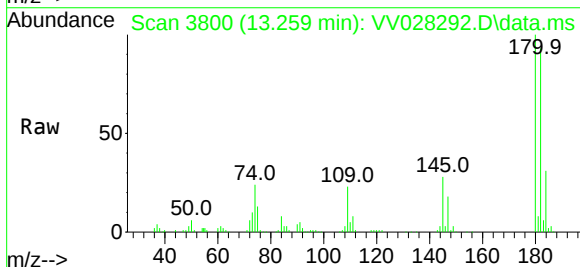
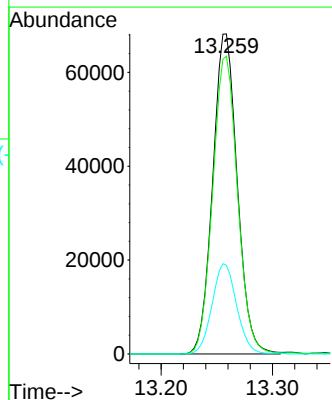
Tgt Ion:180 Resp: 104381

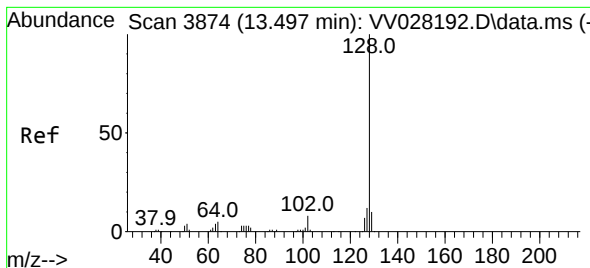
Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

145 28.1 22.9 34.3





#71

Naphthalene

Concen: 4.368 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. -0.003 min

Lab File: VV028292.D

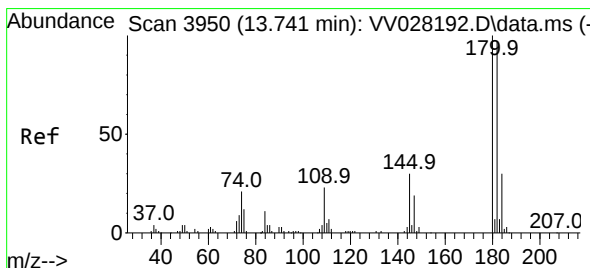
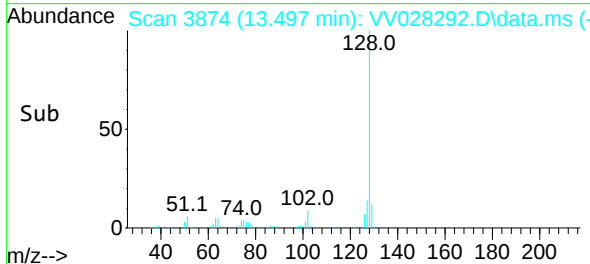
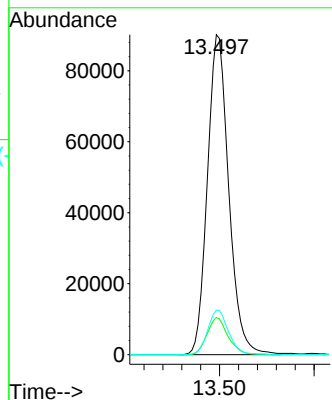
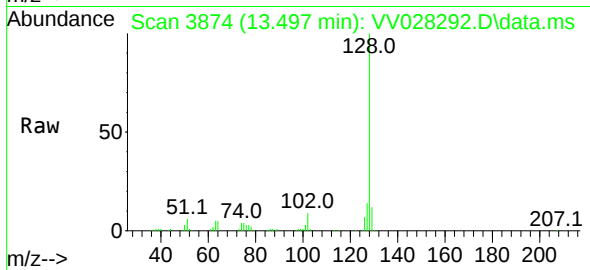
Acq: 03 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	141437
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.2	12.2
127	13.6	10.4	15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.936 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028292.D

Acq: 03 Oct 2022 20:49

Tgt Ion:	180	Resp:	92252
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.4	116.0
145	31.1	24.6	36.8

