

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026346.D
 Acq On : 16 Jun 2022 20:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Jun 17 05:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	213816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	203230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	74610	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.584	69	62095	4.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.124	63	137469	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.921	46	94433	52.112	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.220%
24) Chloroform-d	4.362	84	133083	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.043	65	53341	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.059	84	251942	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.075	67	74956	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.320	98	238515	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.625	79	20729	4.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.091	63	78205	50.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50213	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73228	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	80996	5.066	ug/L	100
3) Chloromethane	1.256	50	85271	4.803	ug/L	99
5) Vinyl chloride	1.326	62	90518	4.904	ug/L	91
6) Bromomethane	1.539	94	50056	4.853	ug/L	99
8) Chloroethane	1.600	64	69794	6.091	ug/L	85
9) Trichlorofluoromethane	1.767	101	128720	5.053	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	77108	5.219	ug/L	98
12) 1,1-Dichloroethene	2.133	96	68445	5.067	ug/L	92
13) Acetone	2.211	43	67187	47.842	ug/L	89
14) Carbon disulfide	2.307	76	170196	5.110	ug/L	99
15) Methyl Acetate	2.458	43	16469	4.888	ug/L	94
16) Methylene chloride	2.523	84	70668	4.100	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	116443	5.013	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	66844	5.102	ug/L	99
19) 1,1-Dichloroethane	3.204	63	131788	5.275	ug/L	99
21) 2-Butanone	4.005	43	100969	55.565	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	69887	5.272	ug/L	95
23) Bromochloromethane	4.262	128	30406	5.406	ug/L	94
25) Chloroform	4.387	83	138163	5.098	ug/L	98

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 ALS Vial : 29 Sample Multiplier: 1

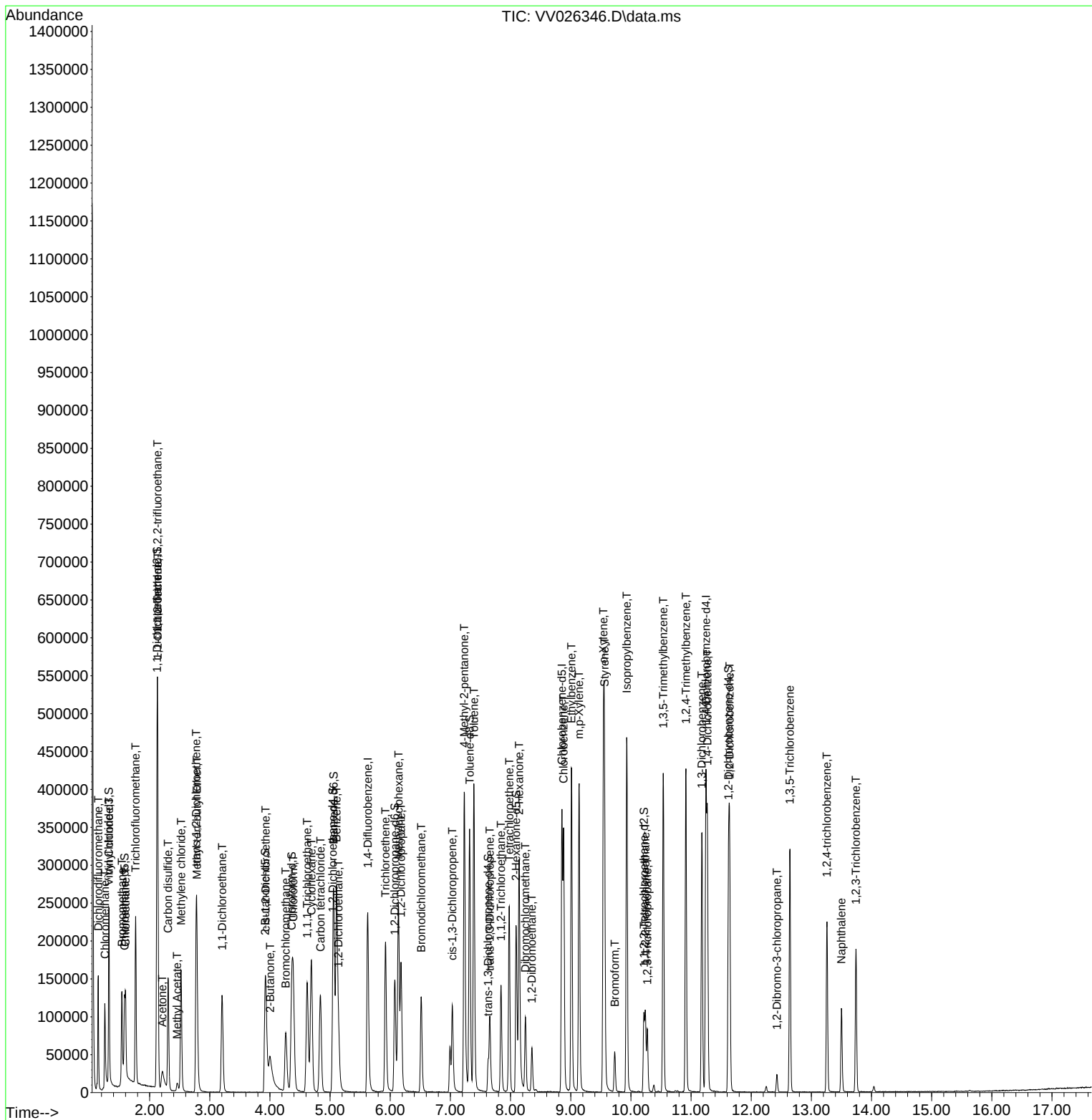
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 ClientSampleId :
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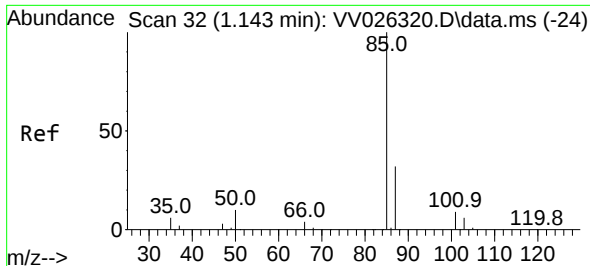
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63721	5.165	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	120061	5.347	ug/L	99
30) Cyclohexane	4.690	56	84656	5.040	ug/L	100
31) Carbon tetrachloride	4.841	117	99107	5.211	ug/L	98
33) Benzene	5.108	78	286237	5.494	ug/L	100
34) Trichloroethene	5.921	95	72064	5.066	ug/L	97
35) Methylcyclohexane	6.137	83	97235	4.942	ug/L	100
37) 1,2-Dichloropropane	6.178	63	70715	5.189	ug/L #	97
38) Bromodichloromethane	6.516	83	85323	5.162	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	77214	4.964	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	265075	52.900	ug/L	99
42) Toluene	7.391	91	307051	5.603	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	61215	4.928	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	44785	5.007	ug/L	96
47) Tetrachloroethene	7.979	164	55175	5.237	ug/L	99
48) 2-Hexanone	8.143	43	193782	53.977	ug/L	100
49) Dibromochloromethane	8.246	129	50183	5.066	ug/L	100
50) 1,2-Dibromoethane	8.355	107	38328	5.029	ug/L	97
51) Chlorobenzene	8.882	112	187237	5.233	ug/L	100
52) Ethylbenzene	9.011	91	297903	5.423	ug/L	99
53) m,p-Xylene	9.140	106	117000	5.464	ug/L	98
54) o-Xylene	9.545	106	109649	5.286	ug/L	99
55) Styrene	9.561	104	197002	5.655	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	50702	5.588	ug/L	95
59) Bromoform	9.731	173	24055	5.382	ug/L	99
60) Isopropylbenzene	9.931	105	297163	5.476	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34281	5.190	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	225264	5.231	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	229421	5.383	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	143131	5.368	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	141423	5.219	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	122358	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5997	5.125	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.644	180	94758	4.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	68712	4.832	ug/L	99
71) Naphthalene	13.500	128	87137	4.413	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56578	4.752	ug/L	98

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

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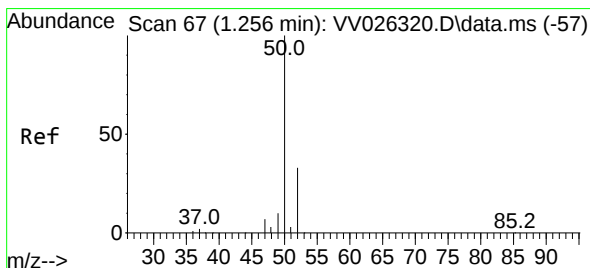
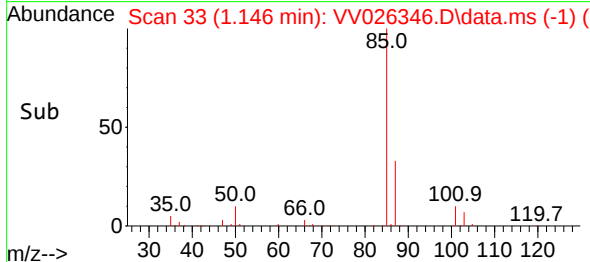
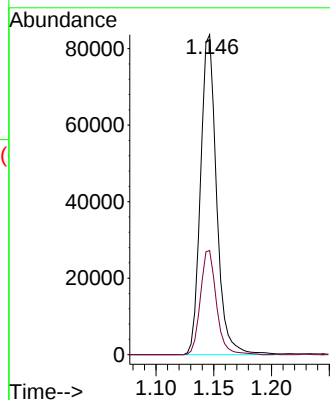
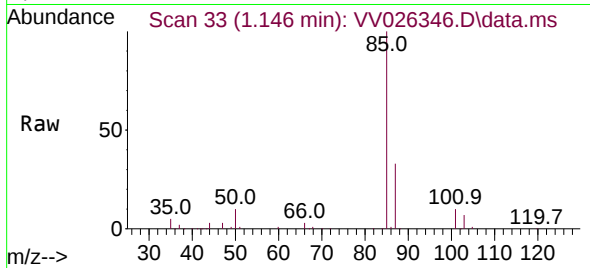




#2
Dichlorodifluoromethane
Concen: 5.066 ug/L
RT: 1.146 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

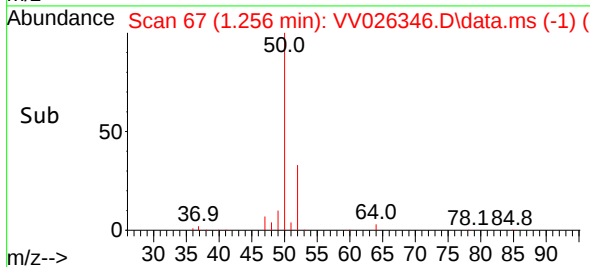
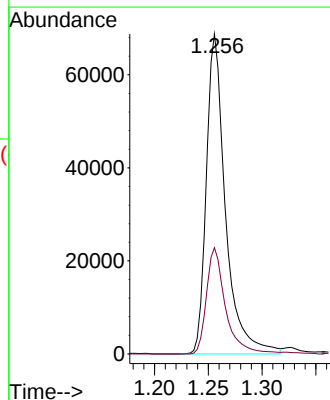
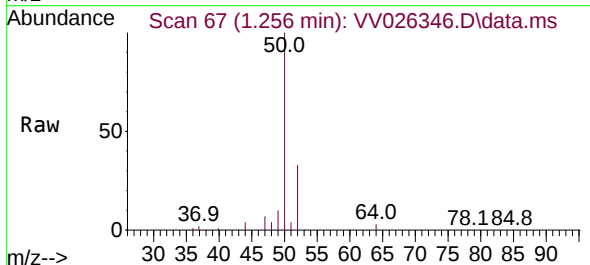
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MSVOA_V
ClientSampleId :
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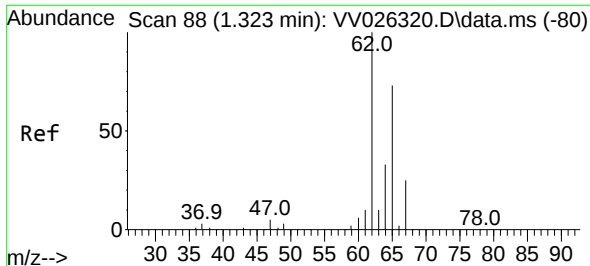
Tgt Ion: 85 Resp: 80996
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 4.803 ug/L
RT: 1.256 min Scan# 67
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 50 Resp: 85271
Ion Ratio Lower Upper
50 100
52 33.2 23.7 44.1

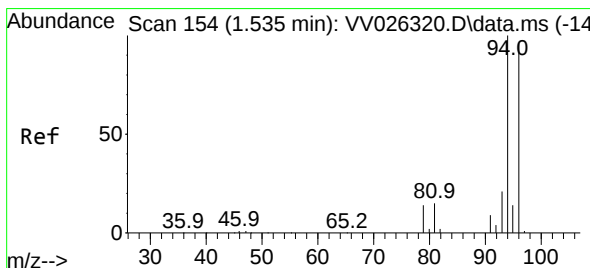
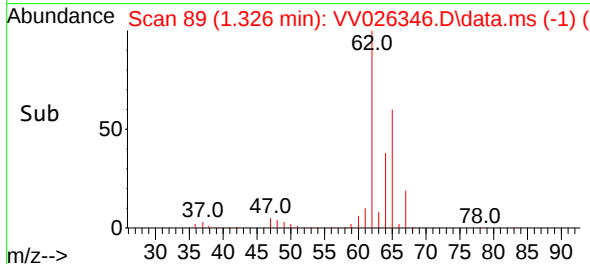
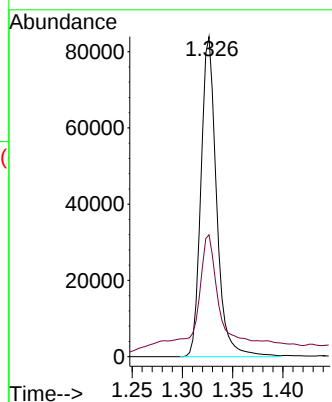
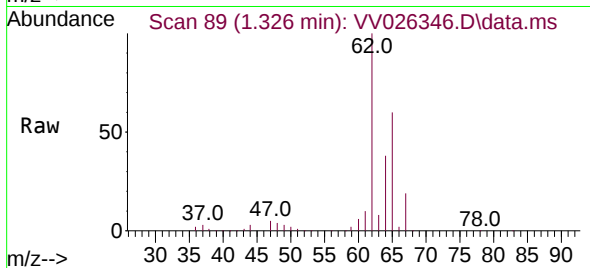




#5
 Vinyl chloride
 Concen: 4.904 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

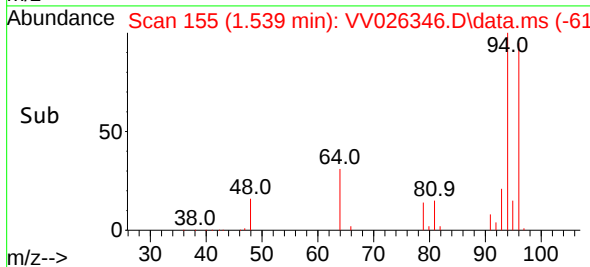
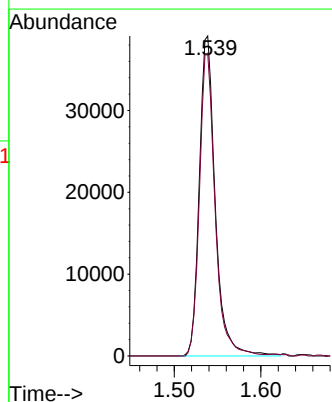
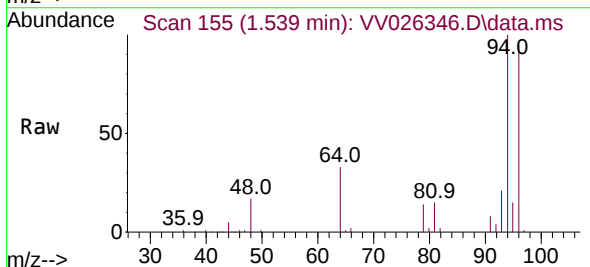
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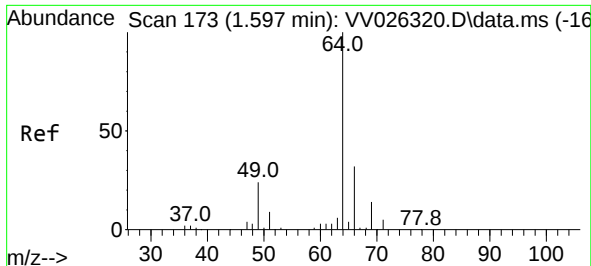
Tgt Ion: 62 Resp: 90518
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.2 43.2



#6
 Bromomethane
 Concen: 4.853 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

Tgt Ion: 94 Resp: 50056
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.7 121.9

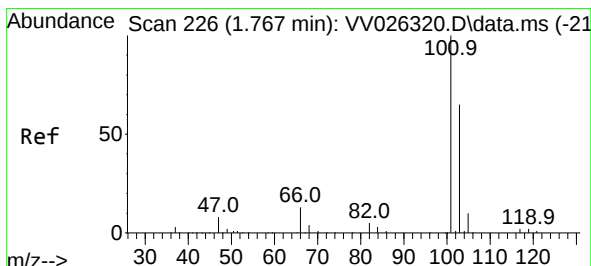
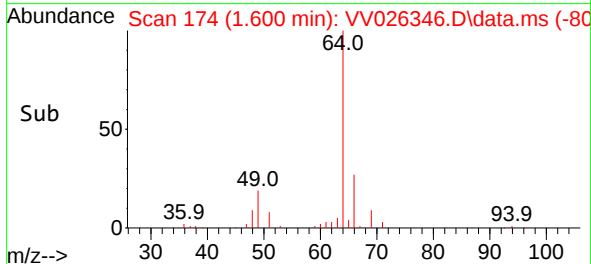
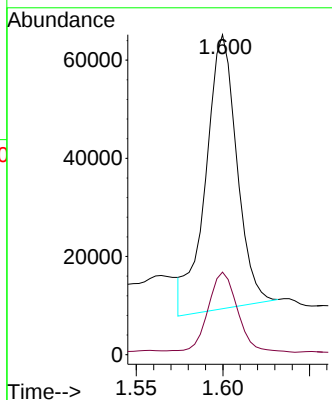
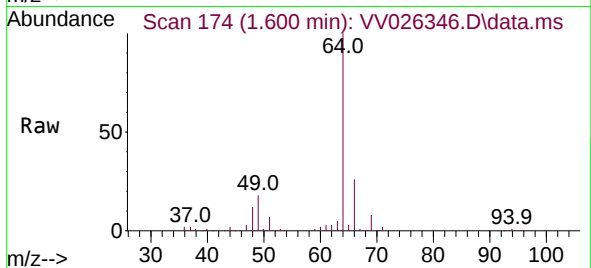




#8
Chloroethane
Concen: 6.091 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

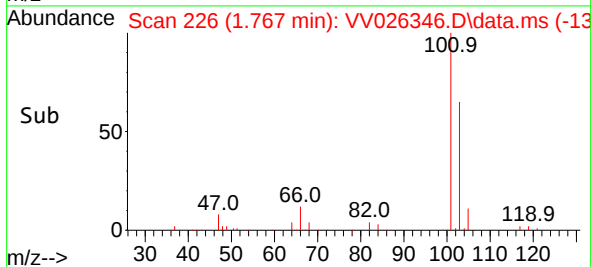
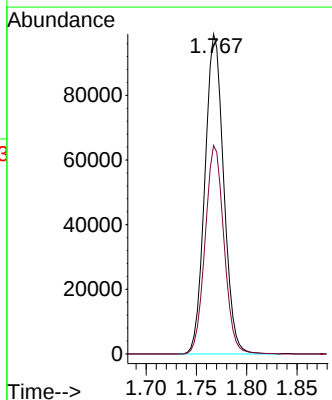
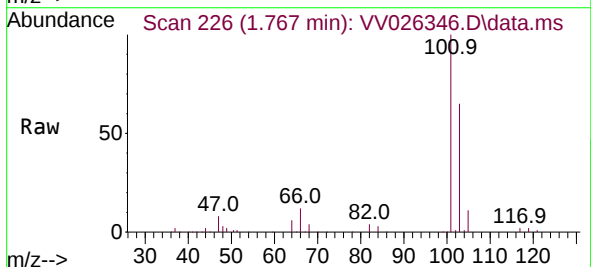
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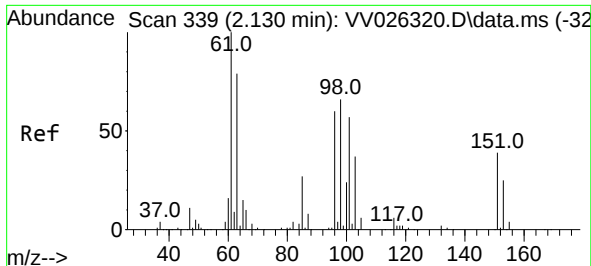
Tgt Ion: 64 Resp: 69794
Ion Ratio Lower Upper
64 100
66 25.8 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.053 ug/L
RT: 1.767 min Scan# 226
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion:101 Resp: 128720
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

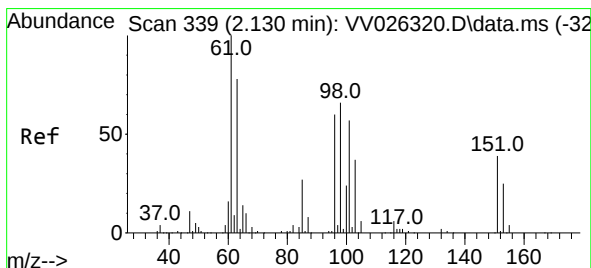
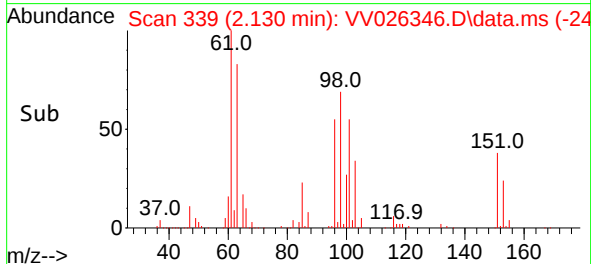
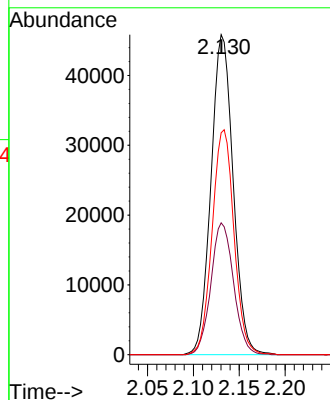
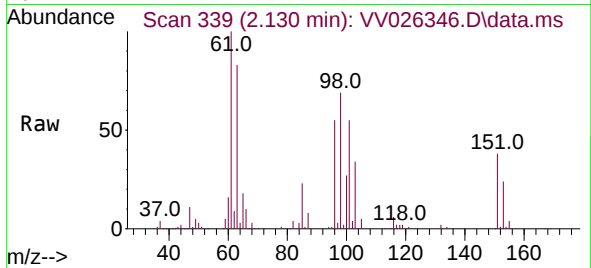




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.219 ug/L
 RT: 2.130 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

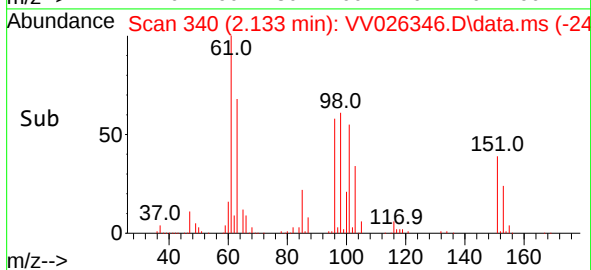
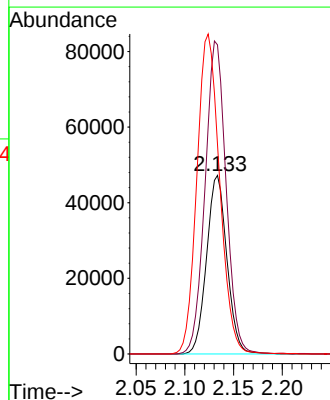
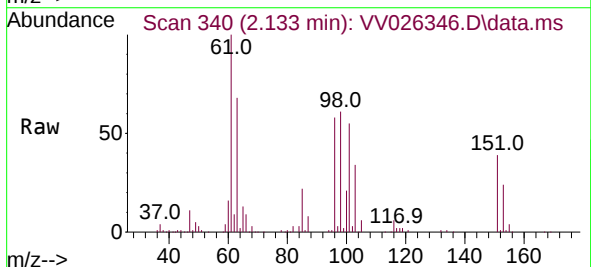
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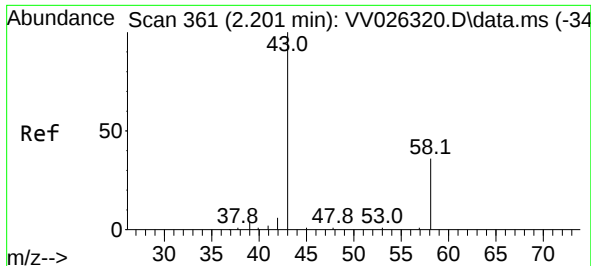
Tgt Ion:101 Resp: 77108
 Ion Ratio Lower Upper
 101 100
 85 42.1 35.3 52.9
 151 69.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.067 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

Tgt Ion: 96 Resp: 68445
 Ion Ratio Lower Upper
 96 100
 61 173.2 117.1 217.5
 63 117.6 92.8 172.4





#13

Acetone

Concen: 47.842 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

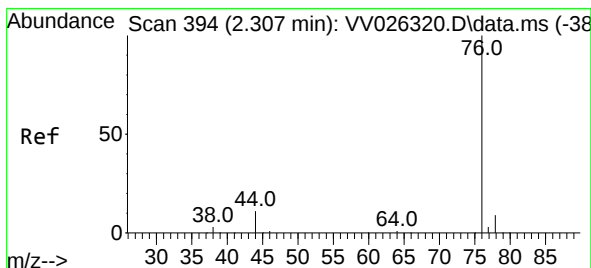
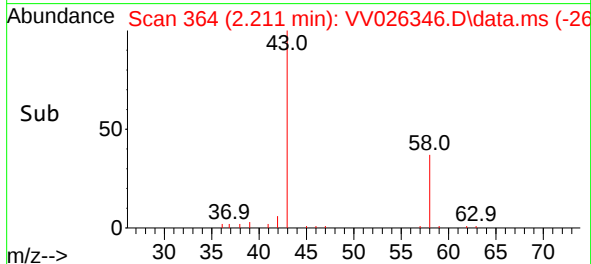
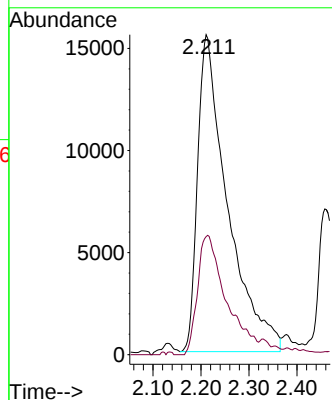
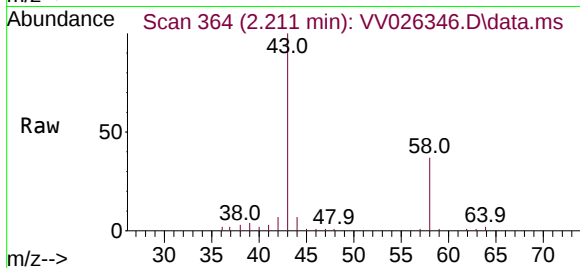
VSTD005320

Tgt Ion: 43 Resp: 67187

Ion Ratio Lower Upper

43 100

58 36.1 0.0 60.0



#14

Carbon disulfide

Concen: 5.110 ug/L

RT: 2.307 min Scan# 394

Delta R.T. -0.000 min

Lab File: VV026346.D

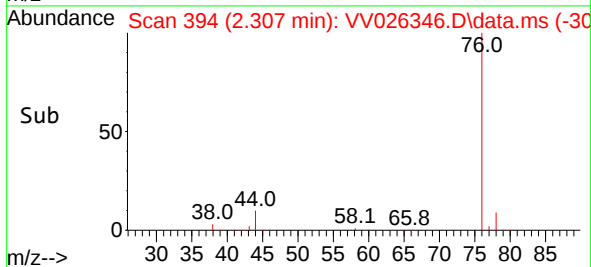
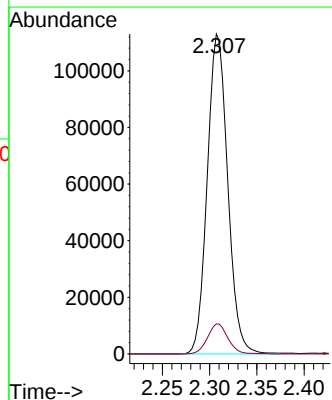
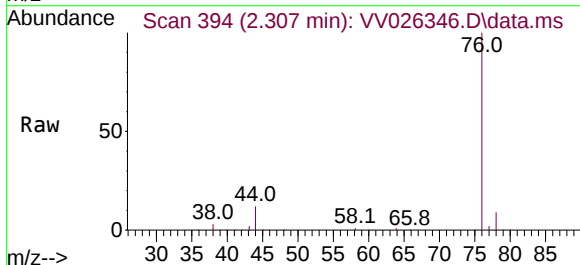
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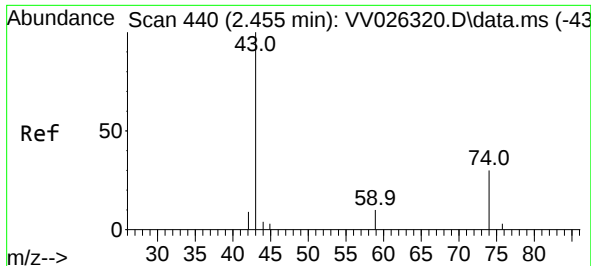
Tgt Ion: 76 Resp: 170196

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

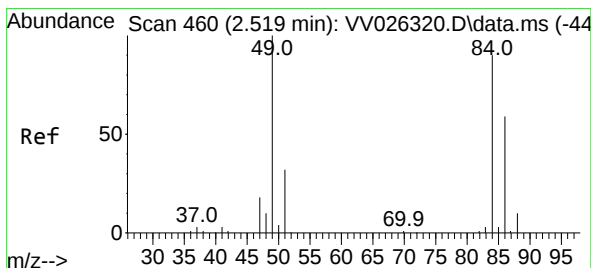
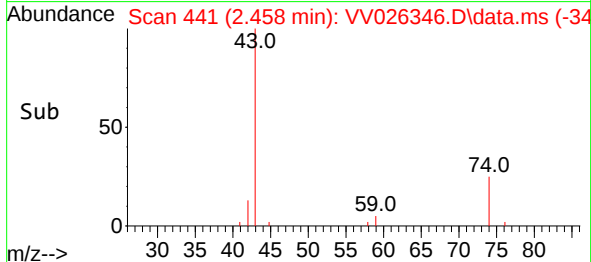
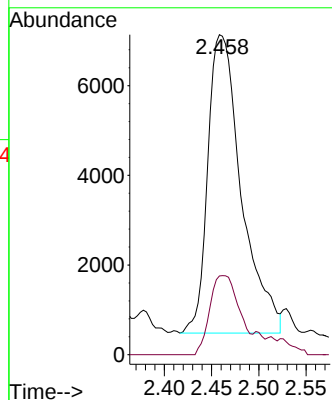
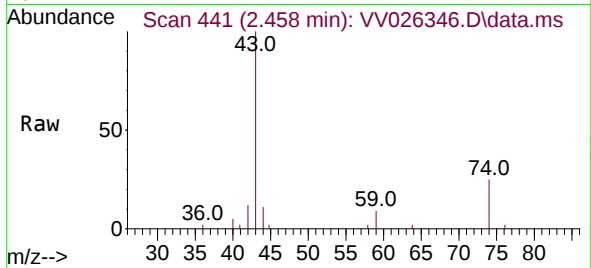




#15
Methyl Acetate
Concen: 4.888 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

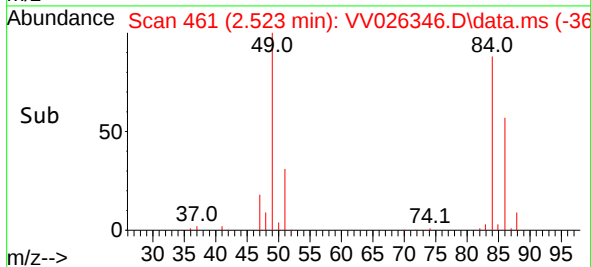
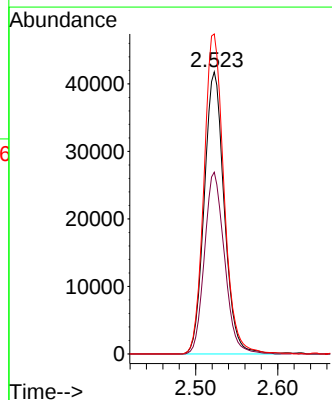
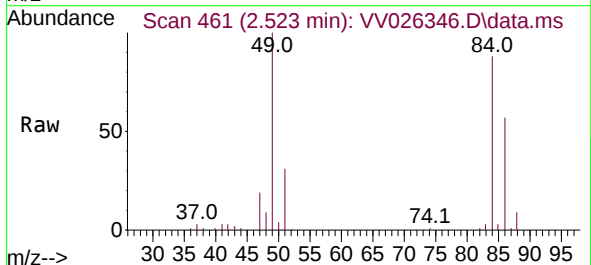
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

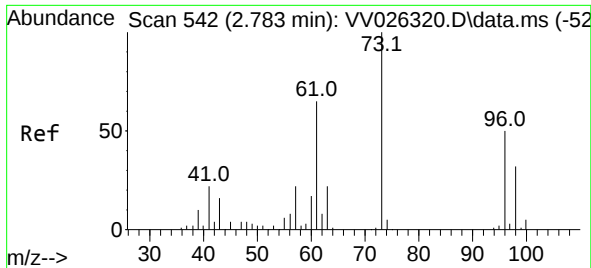
Tgt Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
74 23.4 21.4 32.0



#16
Methylene chloride
Concen: 4.100 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 84 Resp: 70668
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.8
49 113.5 77.3 143.7

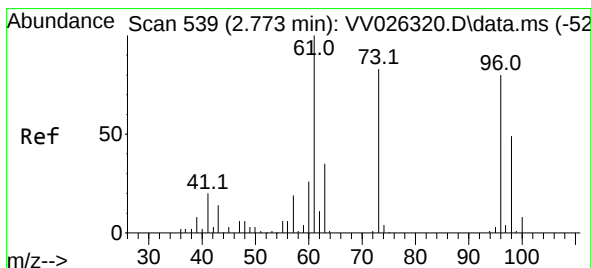
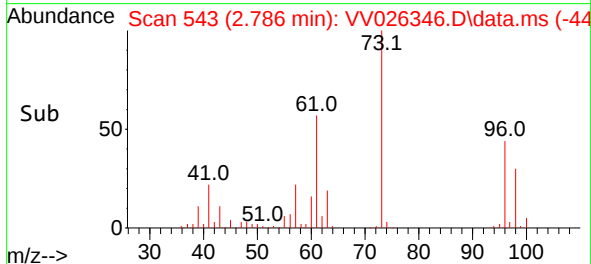
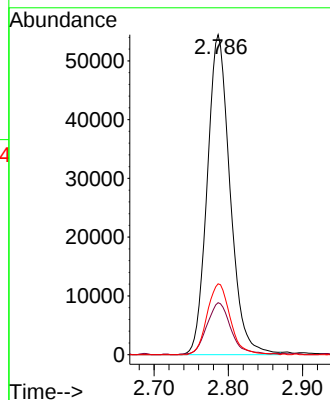
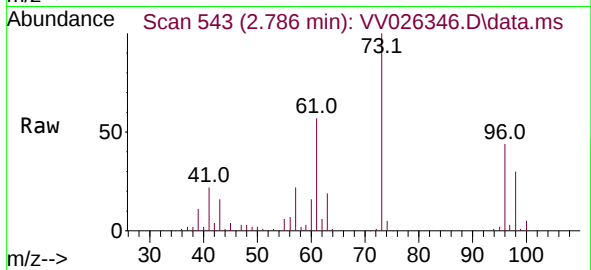




#17
Methyl tert-butyl Ether
Concen: 5.013 ug/L
RT: 2.786 min Scan# 542
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

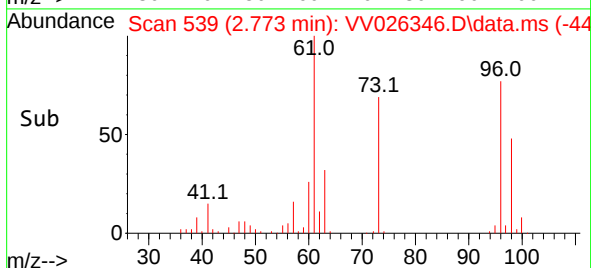
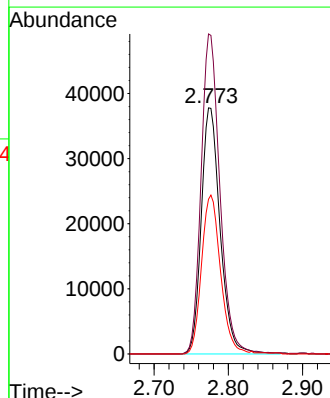
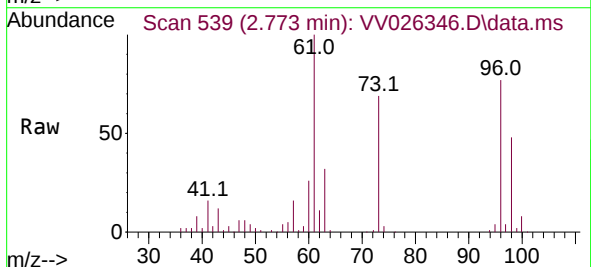
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

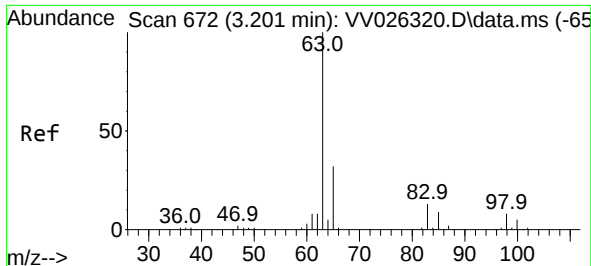
Tgt Ion: 73 Resp: 116443
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.6
57 22.4 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.102 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 96 Resp: 66844
Ion Ratio Lower Upper
96 100
61 130.0 91.3 169.6
98 62.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.275 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

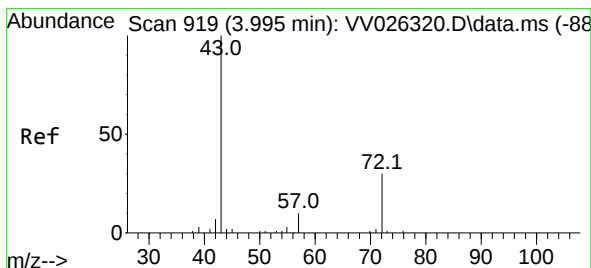
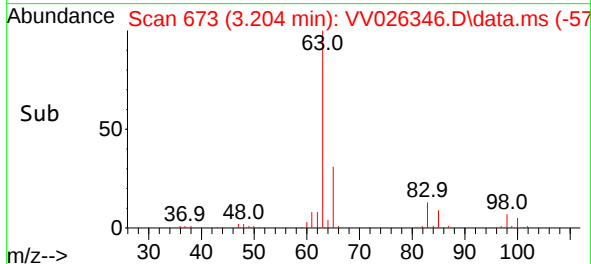
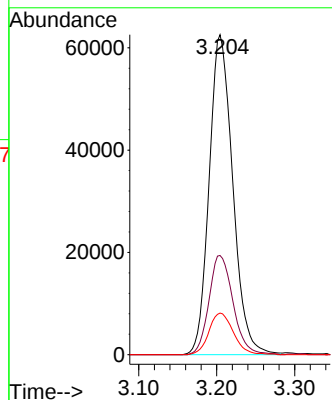
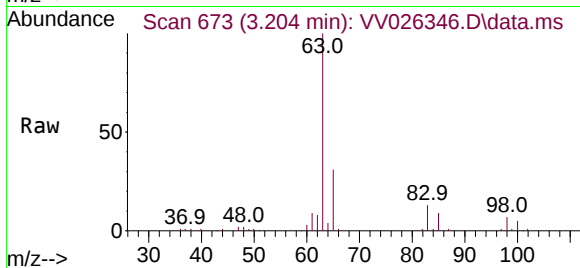
Tgt Ion: 63 Resp: 131788

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.0 8.9 16.5



#21

2-Butanone

Concen: 55.565 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.010 min

Lab File: VV026346.D

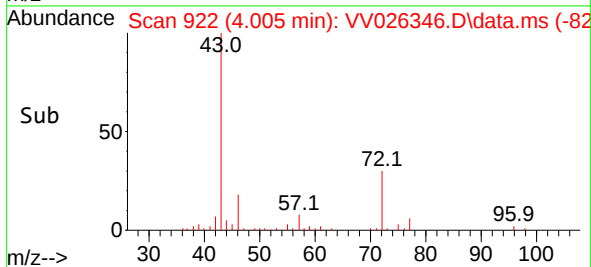
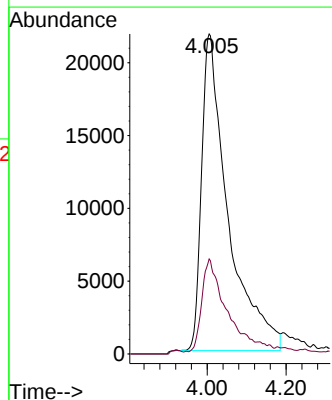
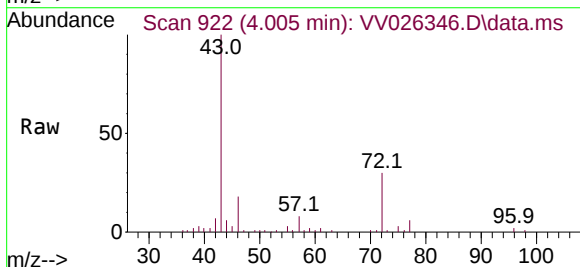
Acq: 16 Jun 2022 20:29

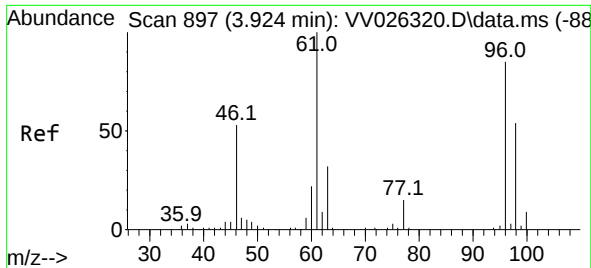
Tgt Ion: 43 Resp: 100969

Ion Ratio Lower Upper

43 100

72 26.4 12.7 38.0

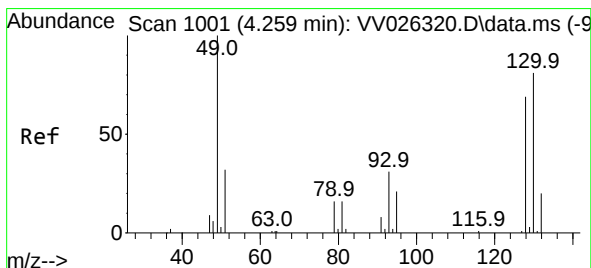
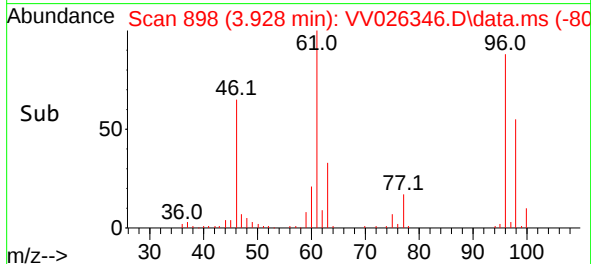
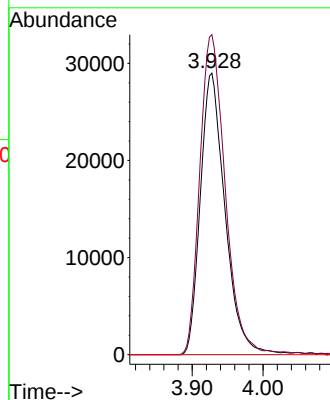
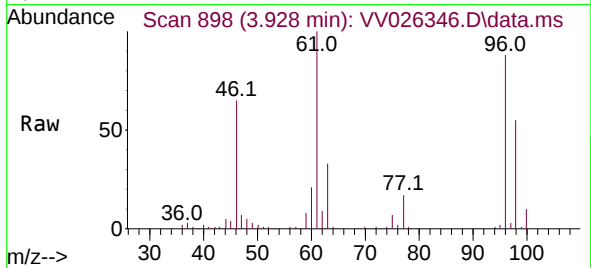




#22
 cis-1,2-Dichloroethene
 Concen: 5.272 ug/L
 RT: 3.928 min Scan# 897
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

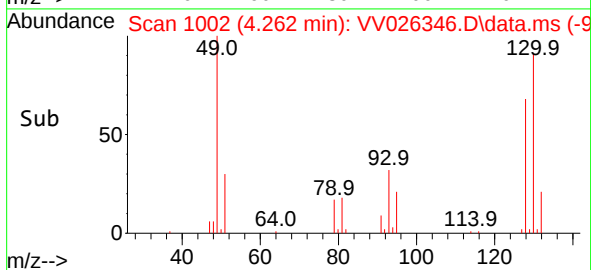
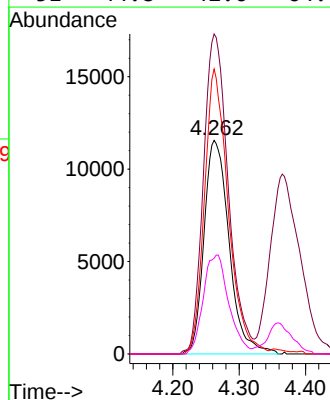
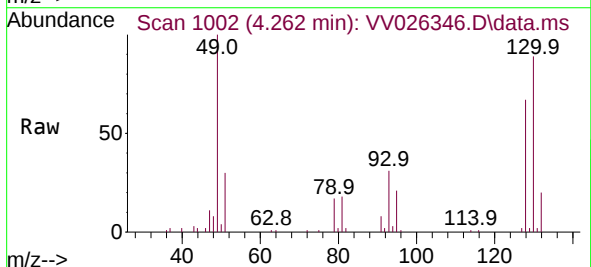
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

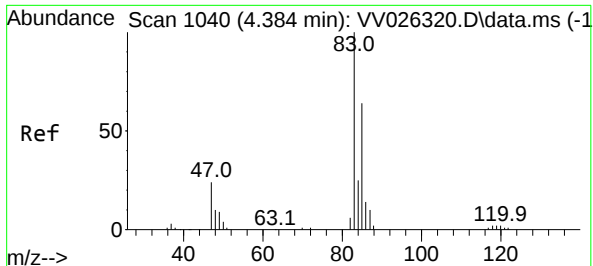
Tgt Ion: 96 Resp: 69887
 Ion Ratio Lower Upper
 96 100
 61 113.6 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.406 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

Tgt Ion: 128 Resp: 30406
 Ion Ratio Lower Upper
 128 100
 49 149.8 111.6 207.2
 130 133.4 91.1 169.1
 51 44.8 42.6 64.0





#25

Chloroform

Concen: 5.098 ug/L

RT: 4.387 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

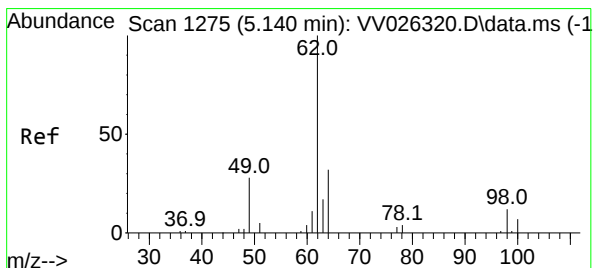
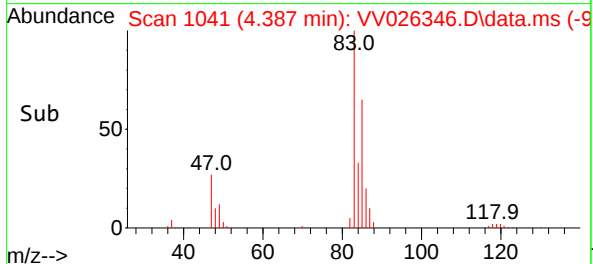
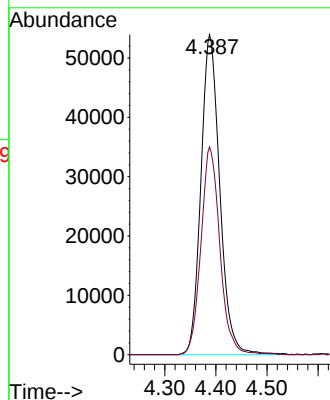
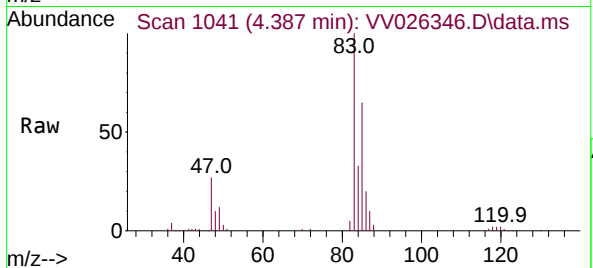
VSTD005320

Tgt Ion: 83 Resp: 138163

Ion Ratio Lower Upper

83 100

85 64.9 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.165 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VV026346.D

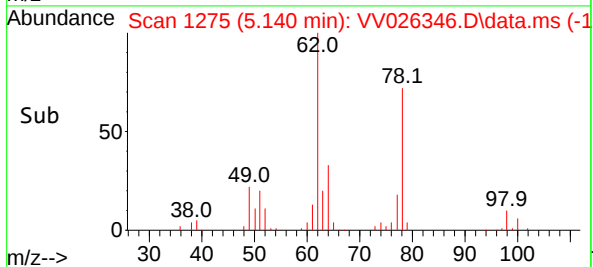
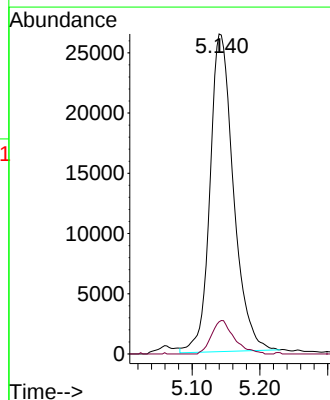
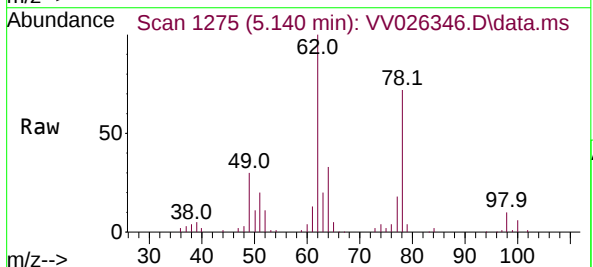
Acq: 16 Jun 2022 20:29

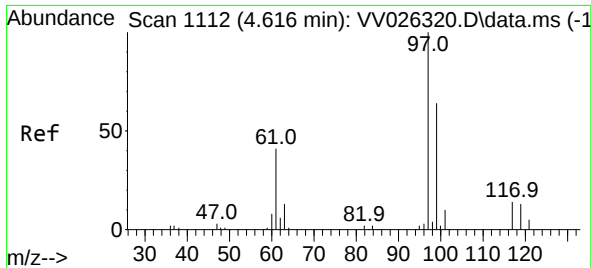
Tgt Ion: 62 Resp: 63721

Ion Ratio Lower Upper

62 100

98 10.1 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.347 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

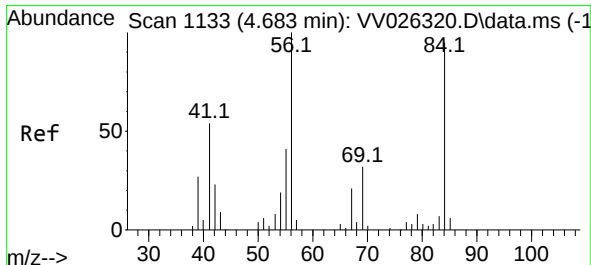
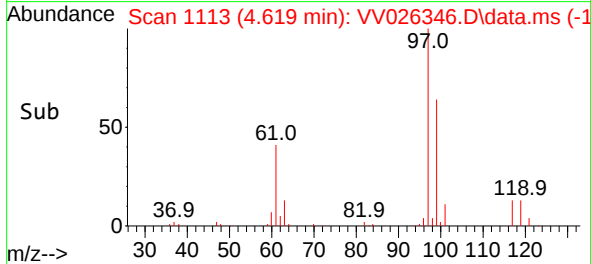
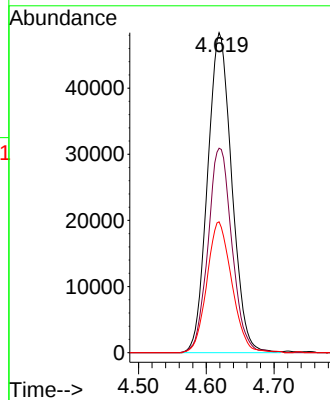
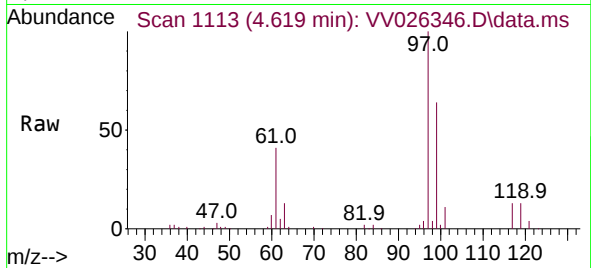
Tgt Ion: 97 Resp: 120061

Ion Ratio Lower Upper

97 100

99 63.4 50.3 75.5

61 42.1 33.4 50.0



#30

Cyclohexane

Concen: 5.040 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

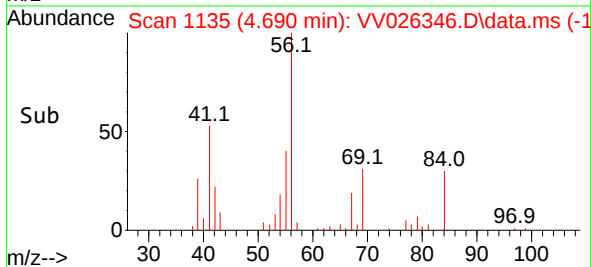
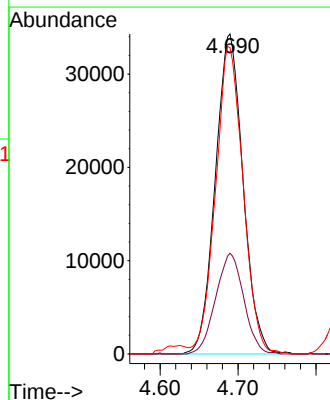
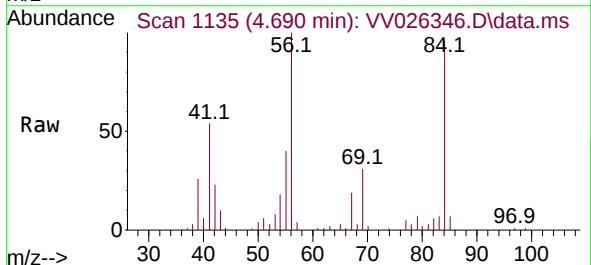
Tgt Ion: 56 Resp: 84656

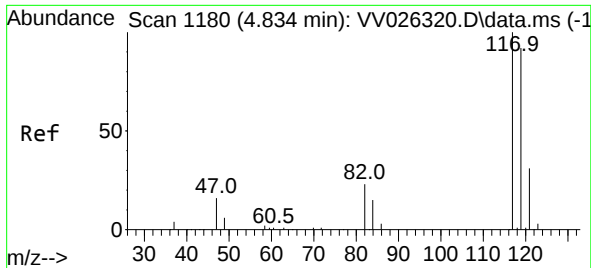
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 95.6 76.4 114.6

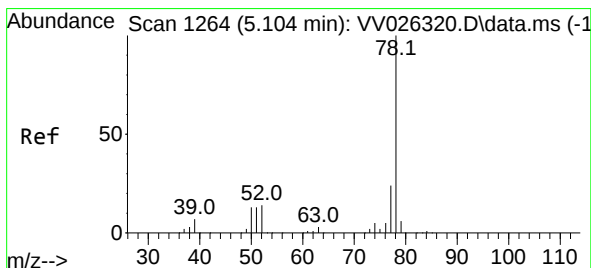
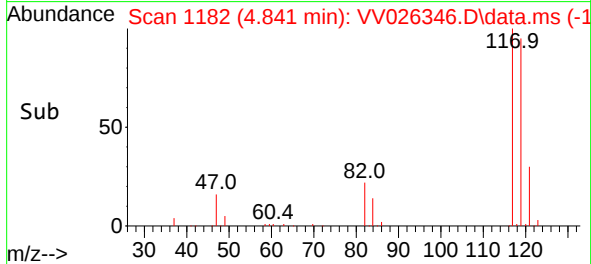
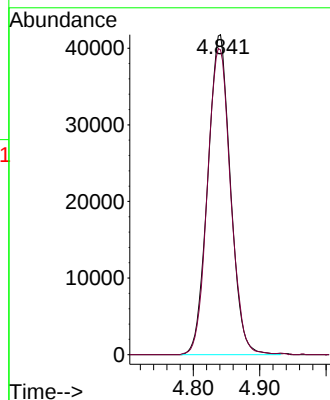
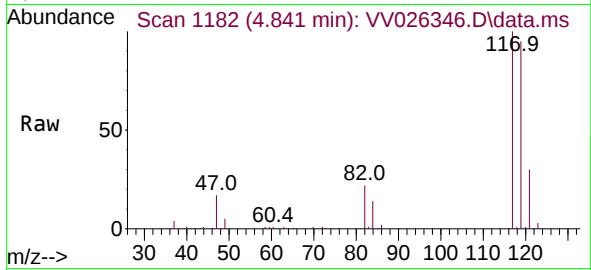




#31
Carbon tetrachloride
Concen: 5.211 ug/L
RT: 4.841 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

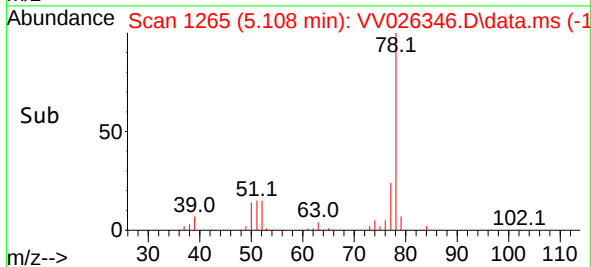
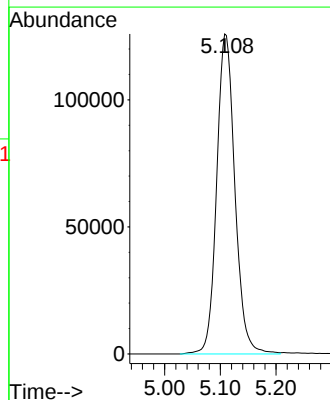
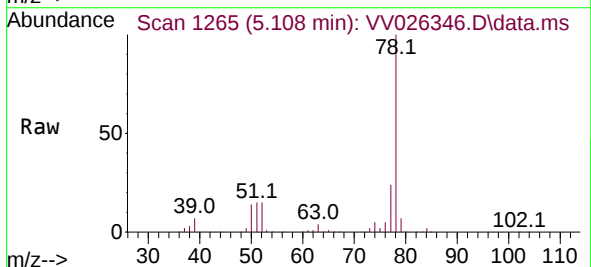
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

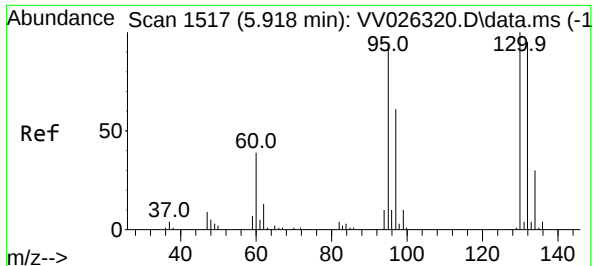
Tgt Ion:117 Resp: 99107
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#33
Benzene
Concen: 5.494 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 78 Resp: 286237



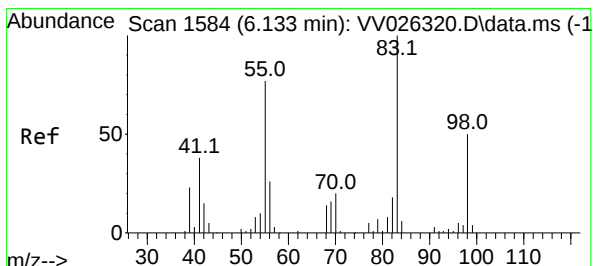
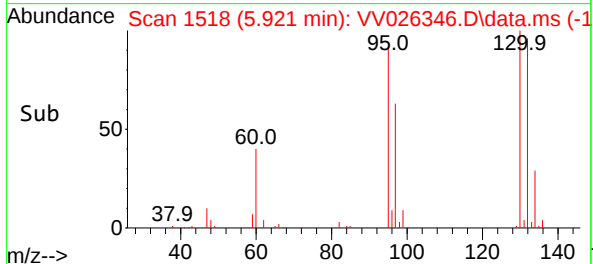
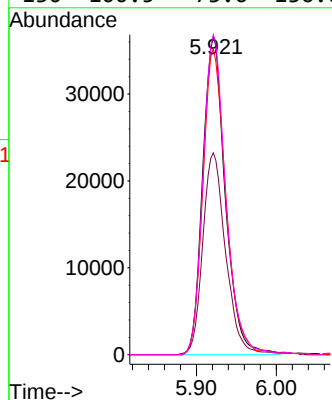
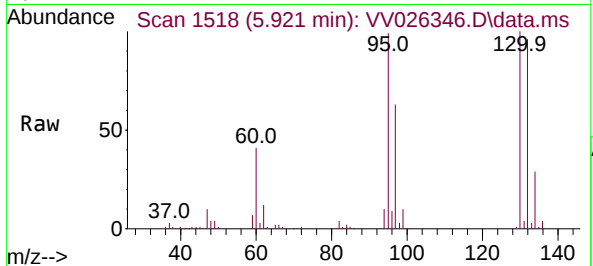


#34
Trichloroethene
Concen: 5.066 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion: 95 Resp: 72064

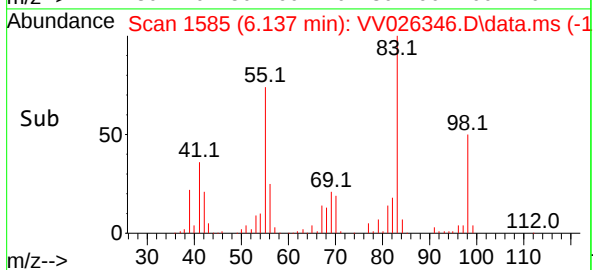
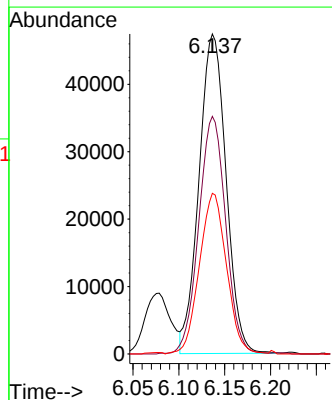
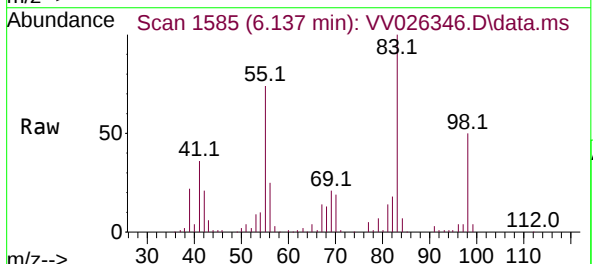
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.5	86.3
132	96.2	68.8	127.8
130	100.5	73.6	136.6

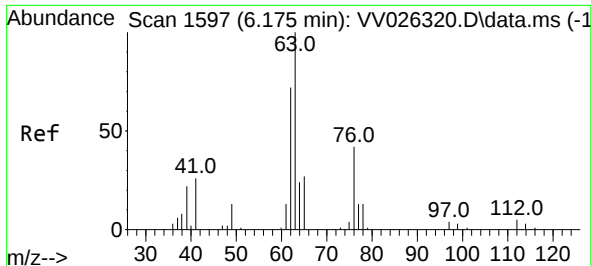


#35
Methylcyclohexane
Concen: 4.942 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 83 Resp: 97235

Ion	Ratio	Lower	Upper
83	100		
55	74.2	59.3	88.9
98	50.4	39.9	59.9





#37

1,2-Dichloropropane

Concen: 5.189 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

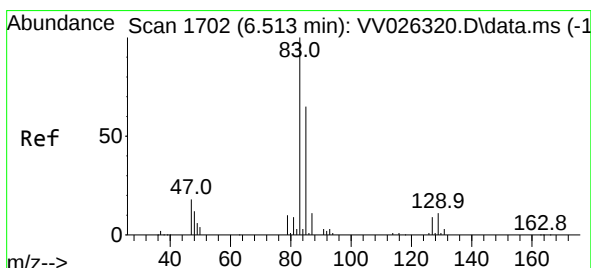
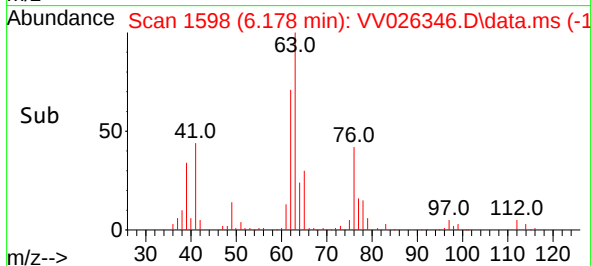
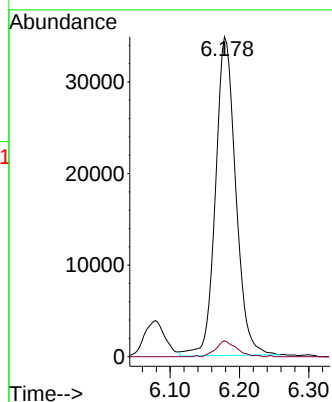
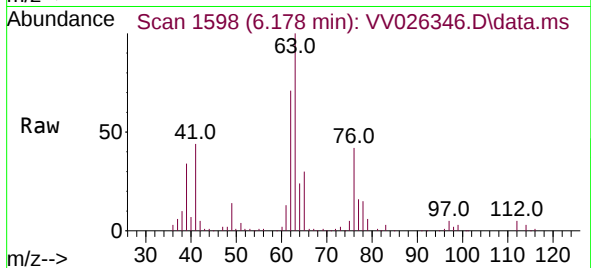
VSTD005320

Tgt Ion: 63 Resp: 70715

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.162 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

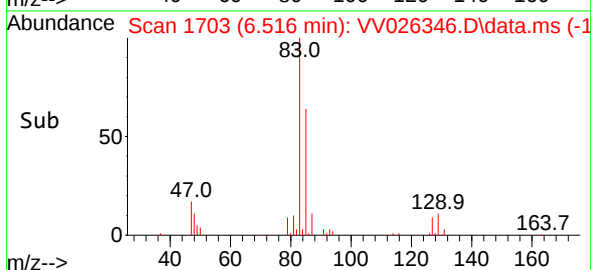
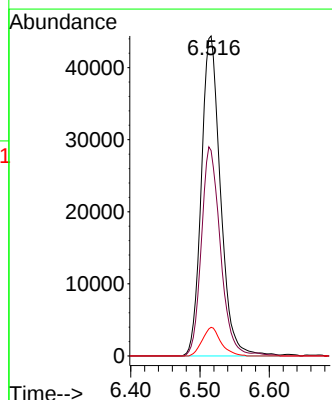
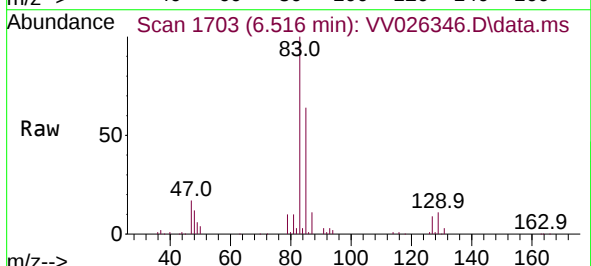
Tgt Ion: 83 Resp: 85323

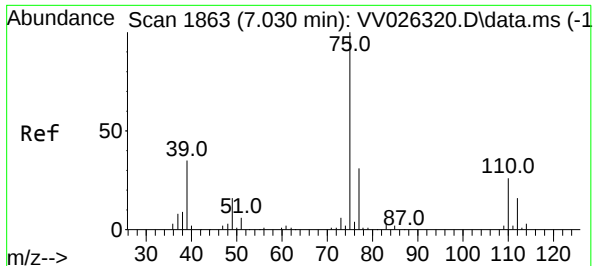
Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.964 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

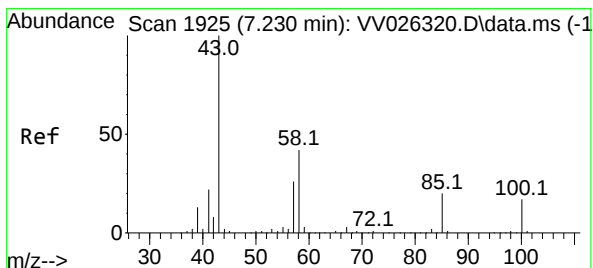
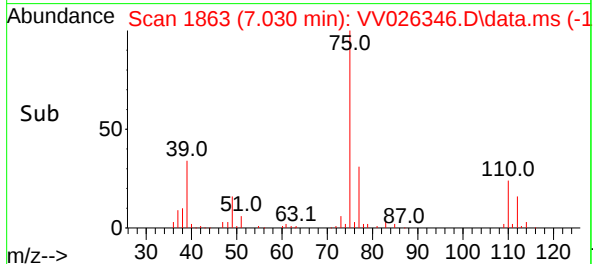
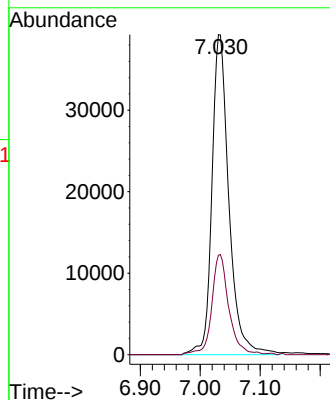
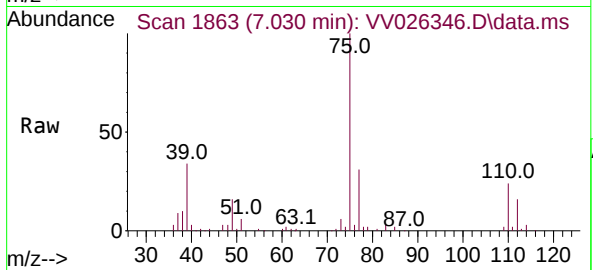
VSTD005320

Tgt Ion: 75 Resp: 77214

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 52.900 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

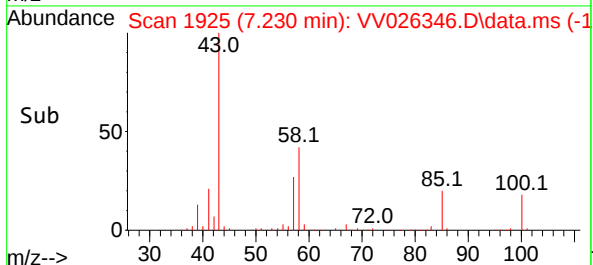
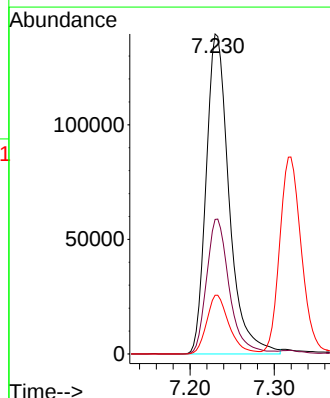
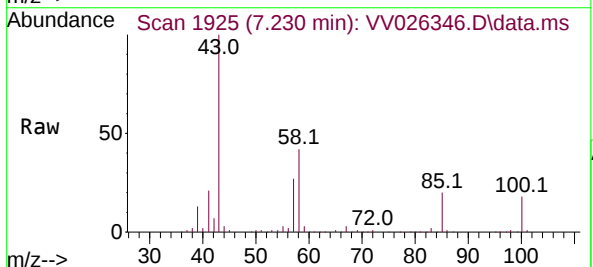
Tgt Ion: 43 Resp: 265075

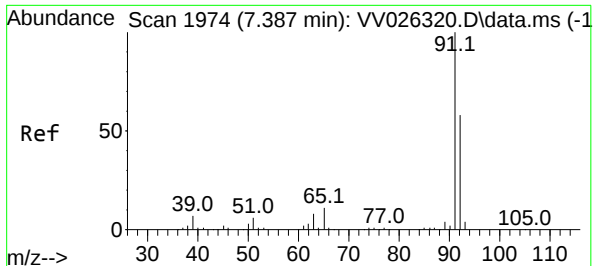
Ion Ratio Lower Upper

43 100

58 42.0 33.3 49.9

100 17.9 13.4 20.2

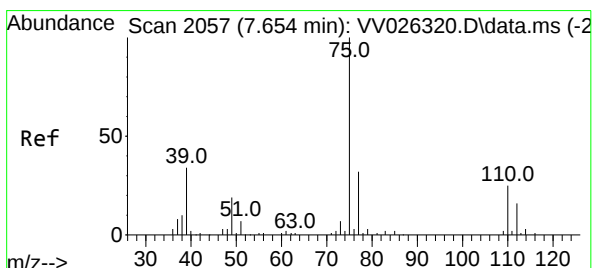
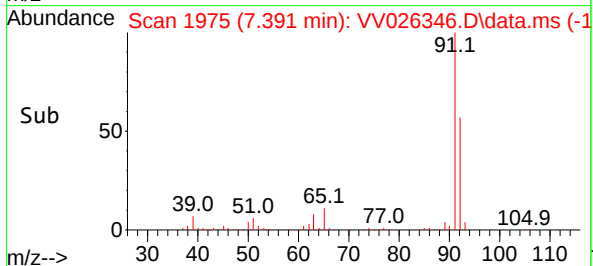
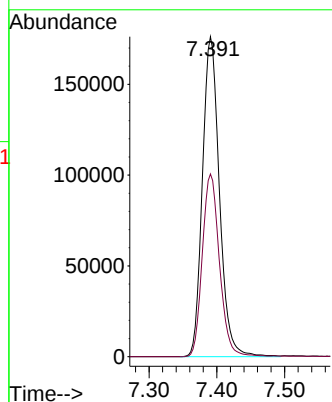
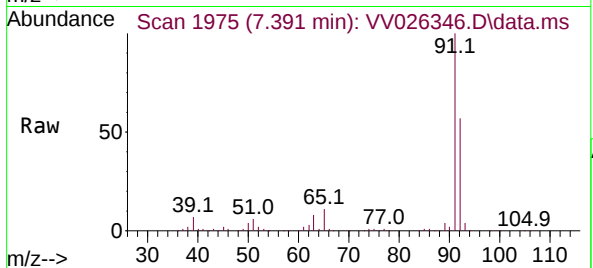




#42
Toluene
Concen: 5.603 ug/L
RT: 7.391 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

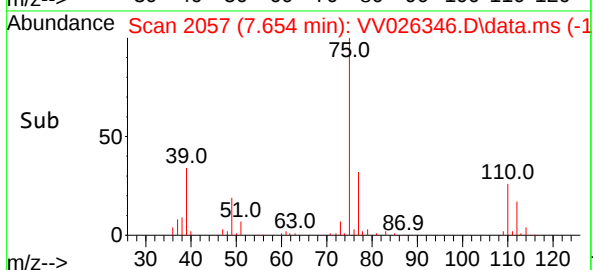
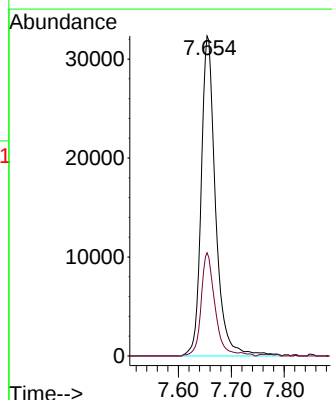
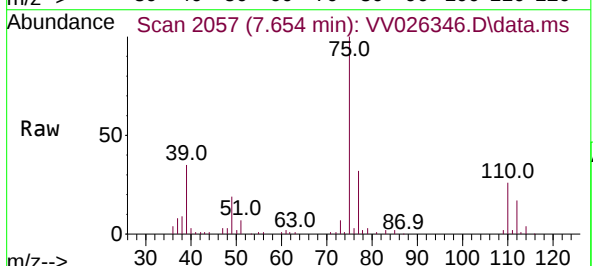
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

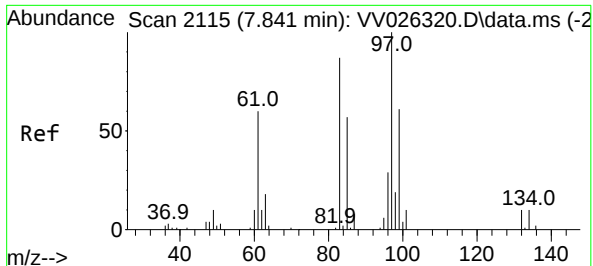
Tgt Ion: 91 Resp: 307051
Ion Ratio Lower Upper
91 100
92 57.1 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 4.928 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 75 Resp: 61215
Ion Ratio Lower Upper
75 100
77 32.3 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.007 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

Tgt Ion: 97 Resp: 44785

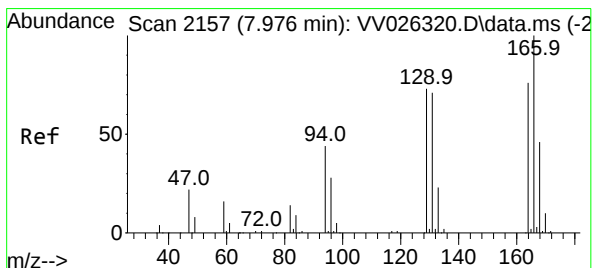
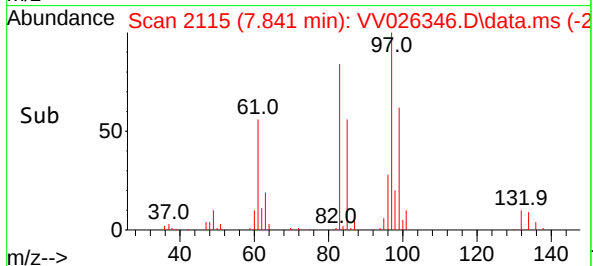
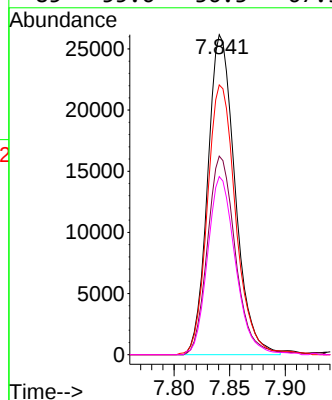
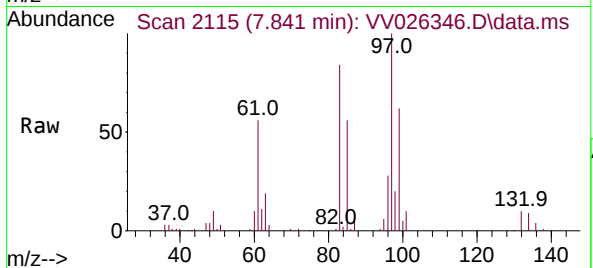
Ion Ratio Lower Upper

97 100

99 62.0 42.4 78.6

83 84.3 56.1 104.1

85 55.6 36.3 67.5



#47

Tetrachloroethene

Concen: 5.237 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Tgt Ion:164 Resp: 55175

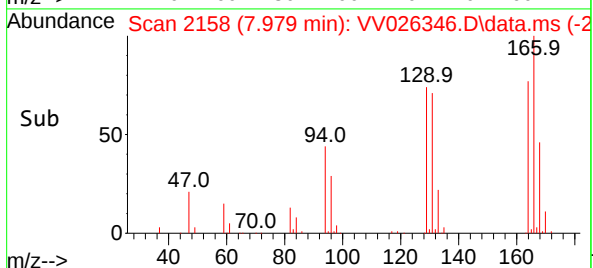
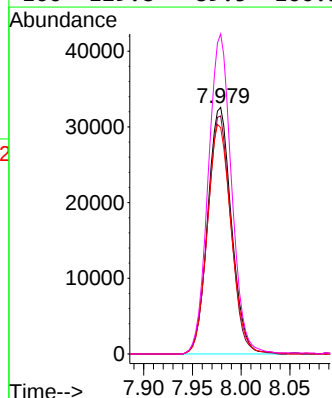
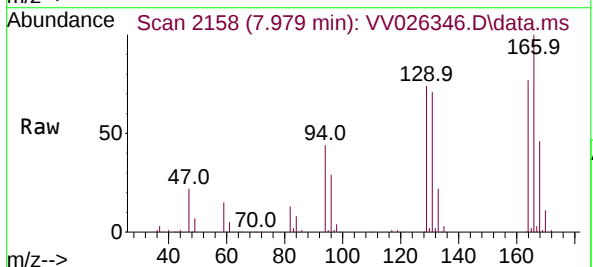
Ion Ratio Lower Upper

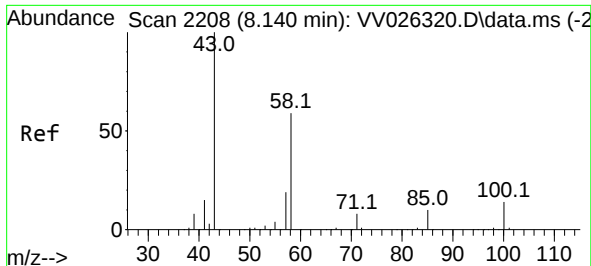
164 100

129 96.6 67.5 125.3

131 91.8 63.8 118.4

166 129.8 89.5 166.3

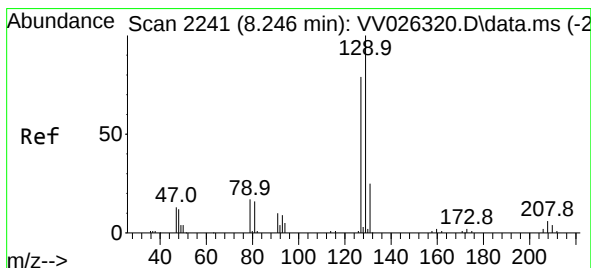
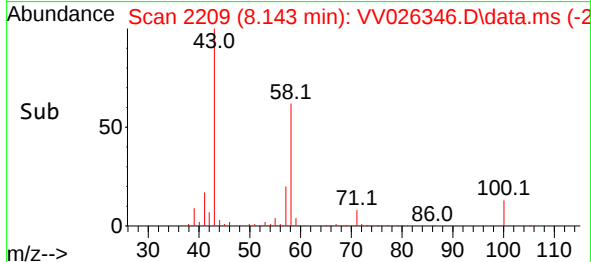
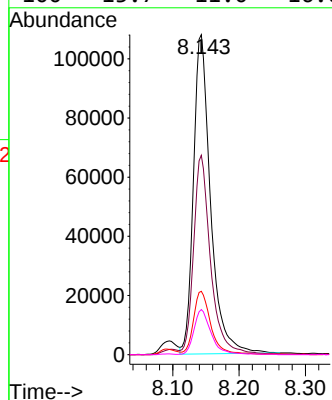
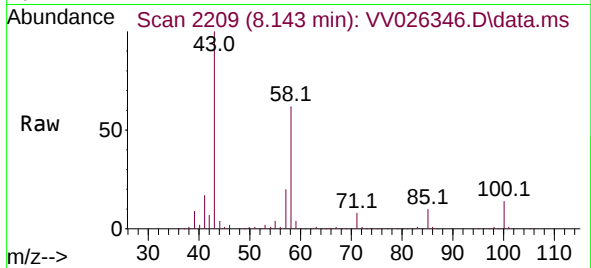




#48
2-Hexanone
Concen: 53.977 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

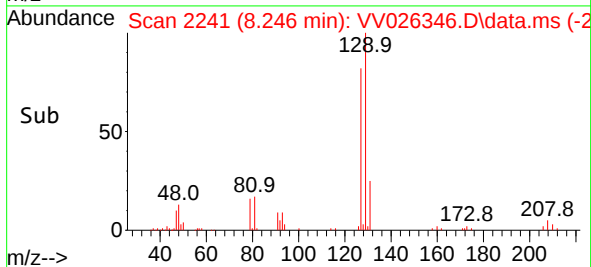
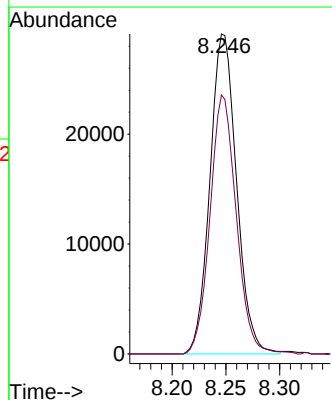
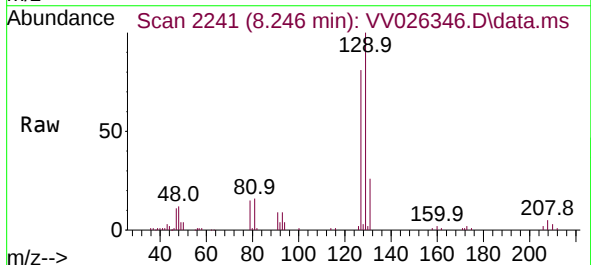
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

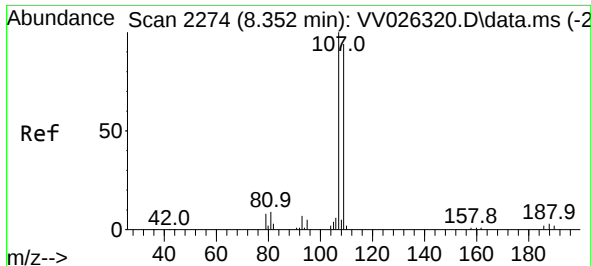
Tgt Ion: 43 Resp: 193782
Ion Ratio Lower Upper
43 100
58 61.2 48.7 73.1
57 19.9 16.0 24.0
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 5.066 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 129 Resp: 50183
Ion Ratio Lower Upper
129 100
127 80.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.029 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

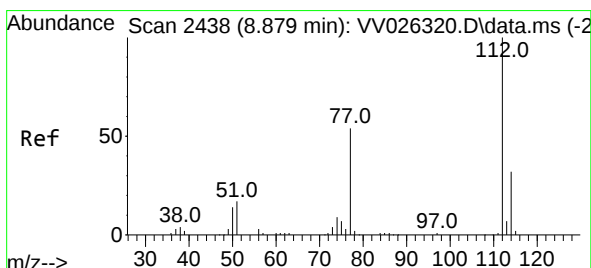
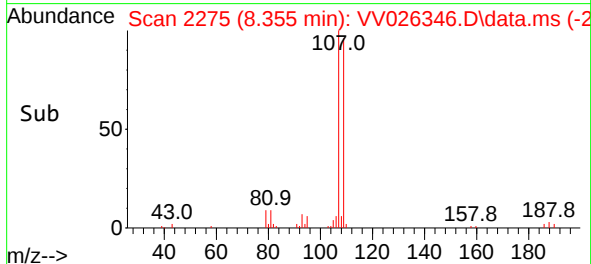
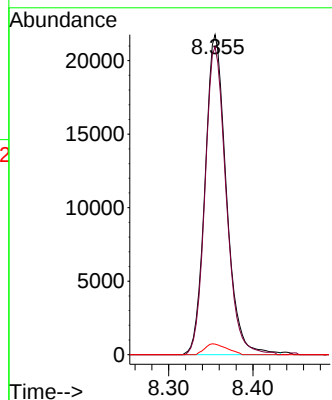
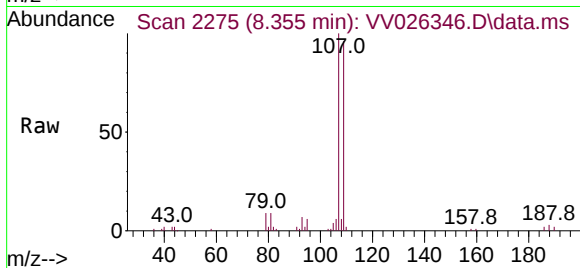
Tgt Ion:107 Resp: 38328

Ion Ratio Lower Upper

107 100

109 96.1 65.2 121.2

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 5.233 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026346.D

Acq: 16 Jun 2022 20:29

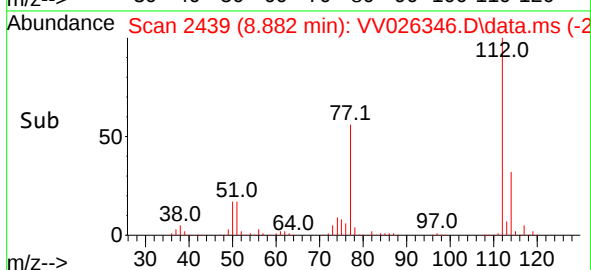
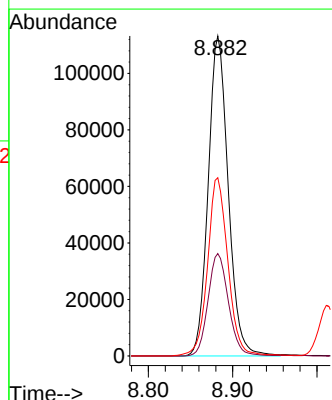
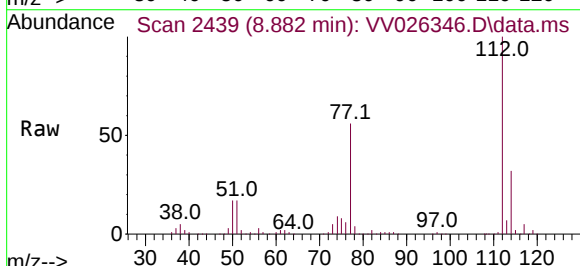
Tgt Ion:112 Resp: 187237

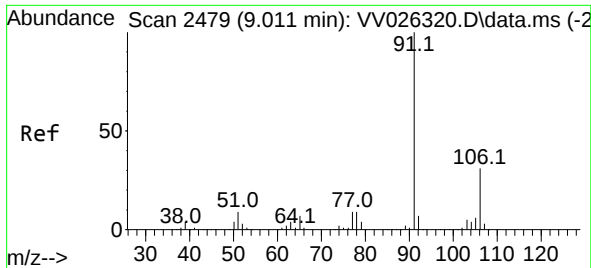
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 55.7 44.5 66.7

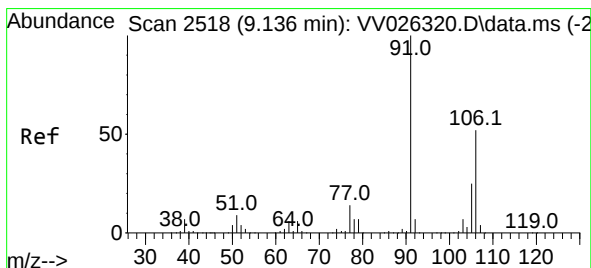
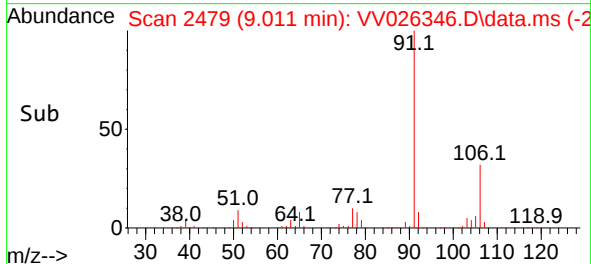
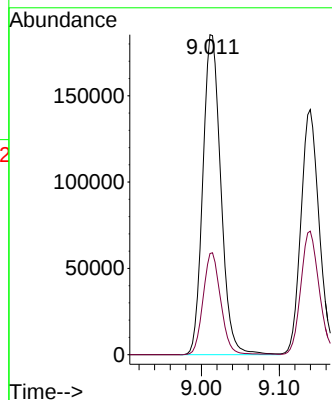
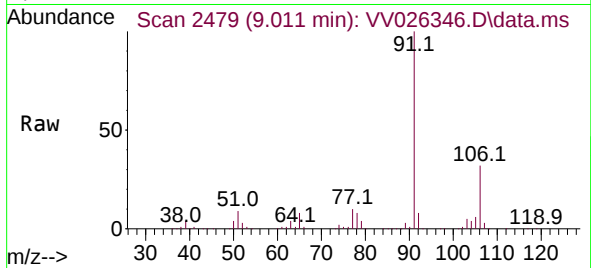




#52
Ethylbenzene
Concen: 5.423 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

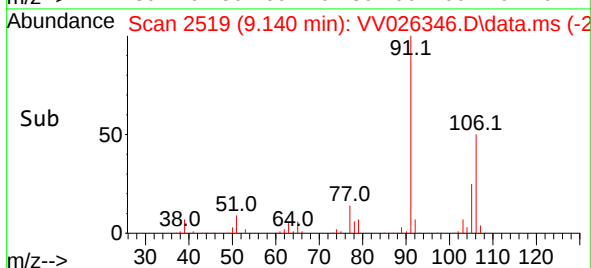
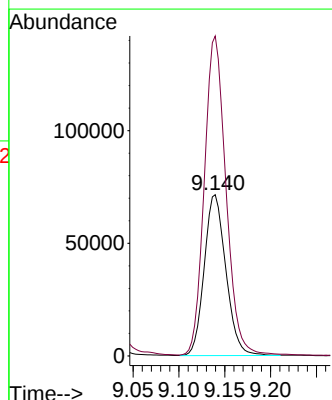
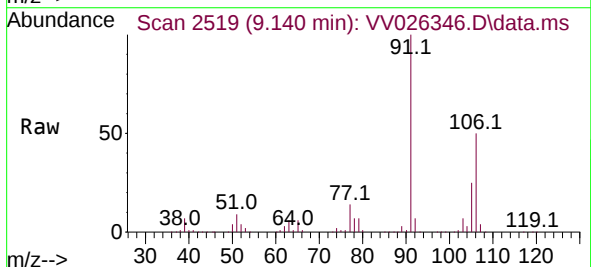
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

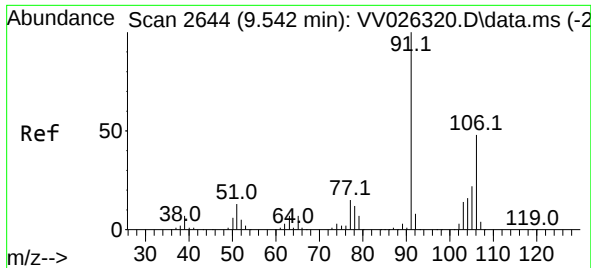
Tgt Ion: 91 Resp: 297903
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.0



#53
m,p-Xylene
Concen: 5.464 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 106 Resp: 117000
Ion Ratio Lower Upper
106 100
91 198.5 141.3 262.3

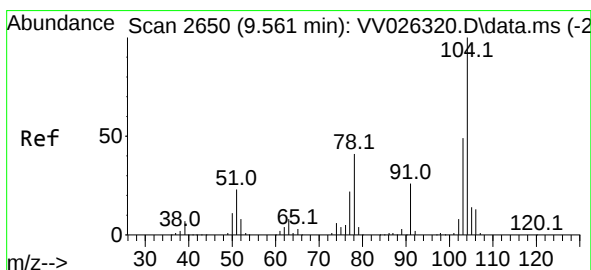
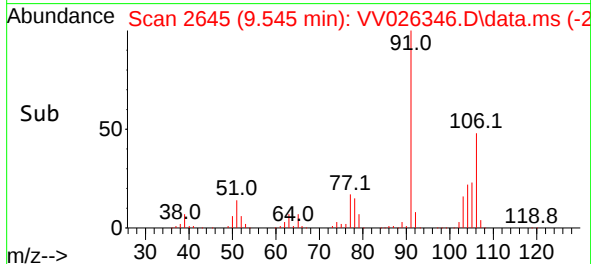
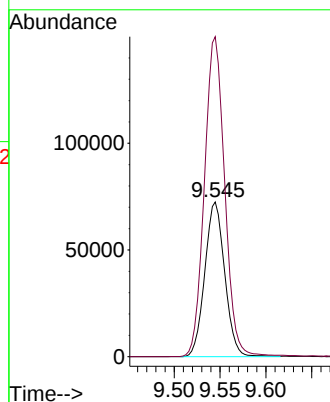
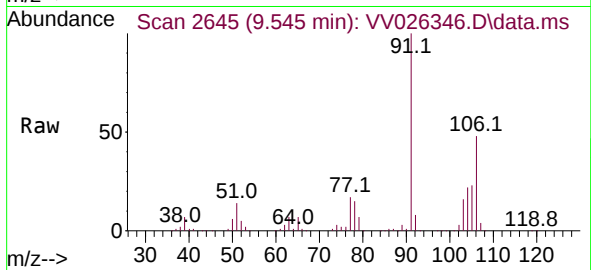




#54
o-Xylene
Concen: 5.286 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

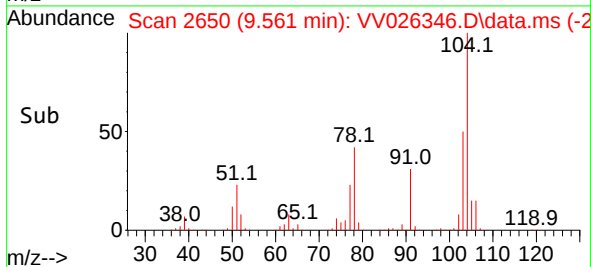
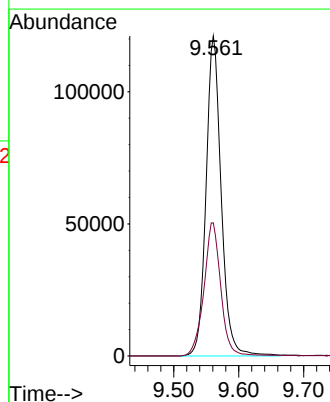
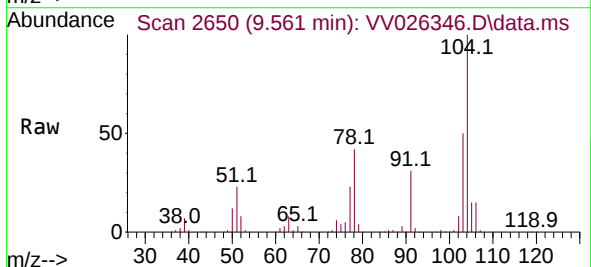
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

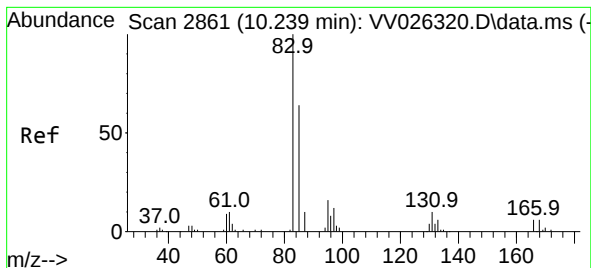
Tgt Ion:106 Resp: 109649
Ion Ratio Lower Upper
106 100
91 206.8 143.3 266.1



#55
Styrene
Concen: 5.655 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion:104 Resp: 197002
Ion Ratio Lower Upper
104 100
78 41.6 29.5 54.7

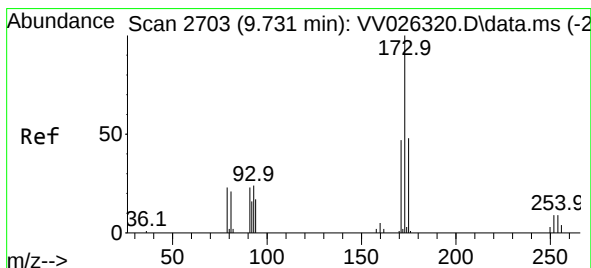
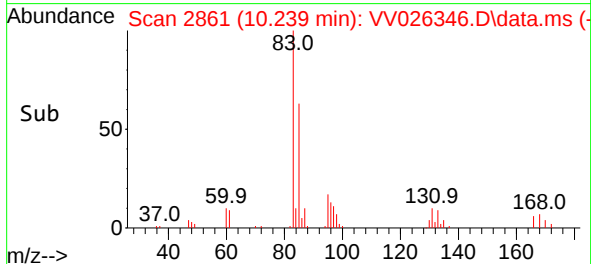
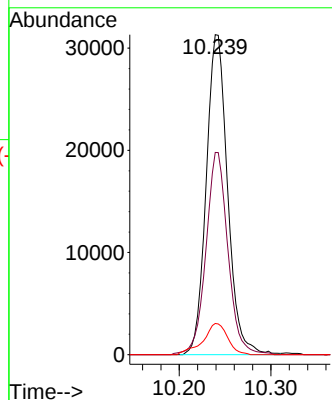
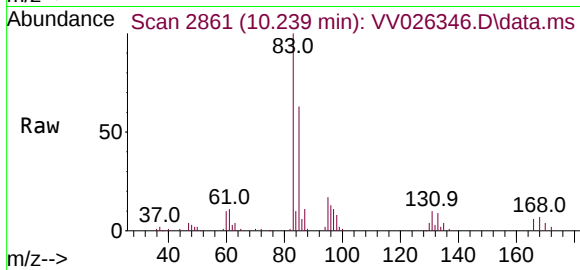




#57
1,1,2,2-Tetrachloroethane
Concen: 5.588 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

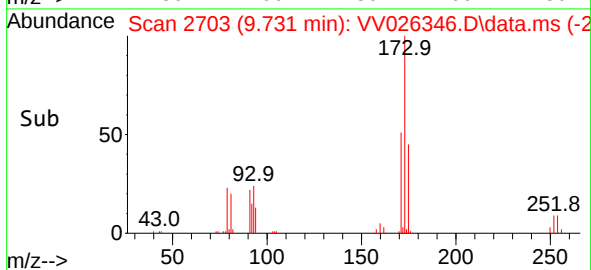
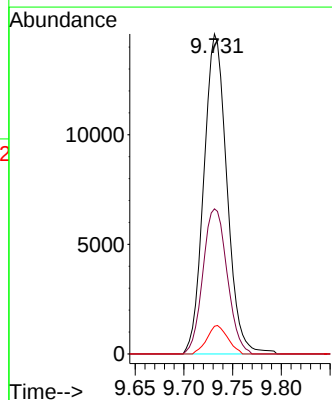
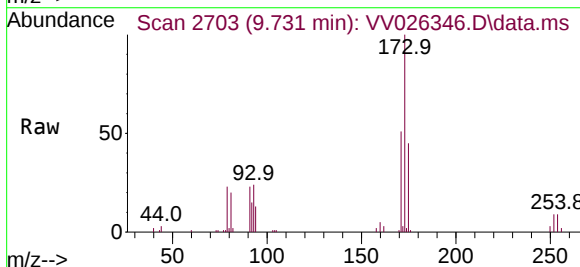
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

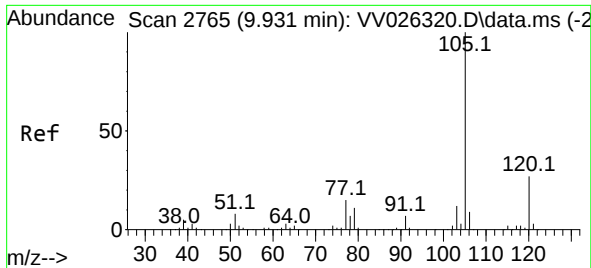
Tgt Ion: 83 Resp: 50702
Ion Ratio Lower Upper
83 100
85 63.2 47.1 87.5
131 9.8 7.7 11.5



#59
Bromoform
Concen: 5.382 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 173 Resp: 24055
Ion Ratio Lower Upper
173 100
175 47.6 38.3 57.5
254 8.0 6.9 10.3

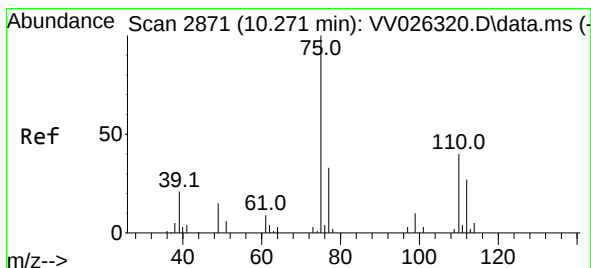
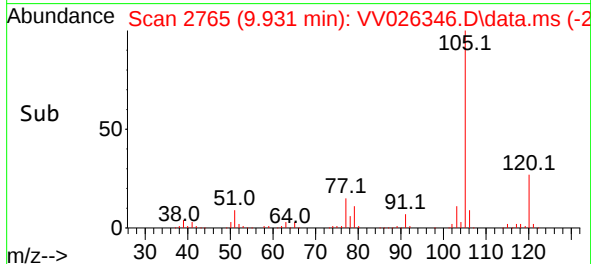
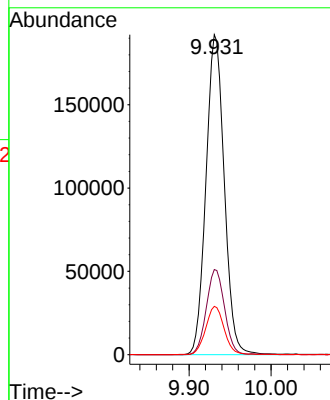
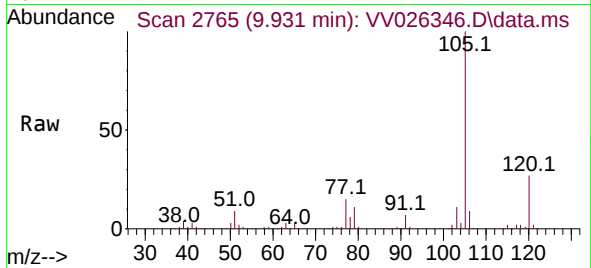




#60
Isopropylbenzene
Concen: 5.476 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

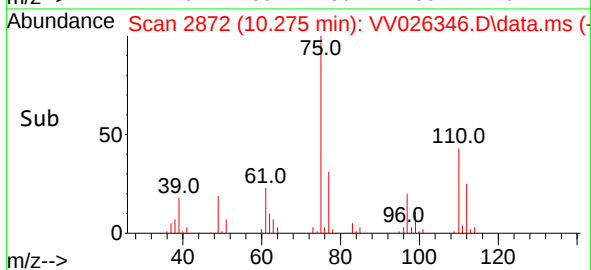
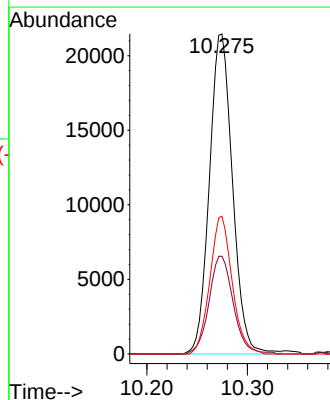
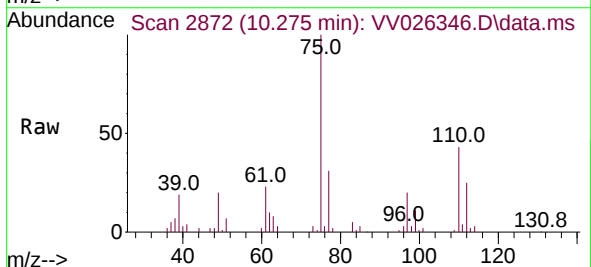
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

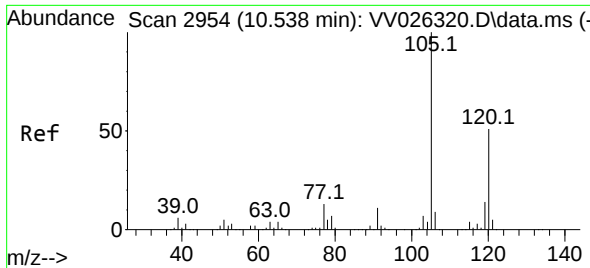
Tgt Ion:105 Resp: 297163
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.190 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 75 Resp: 34281
Ion Ratio Lower Upper
75 100
77 32.0 26.9 40.3
110 41.6 30.7 46.1

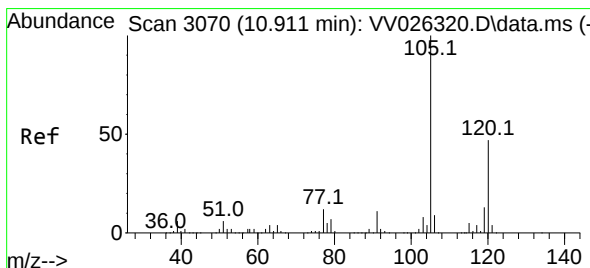
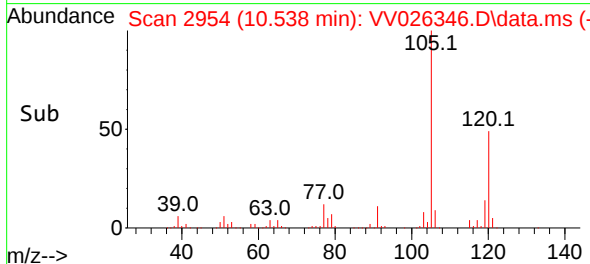
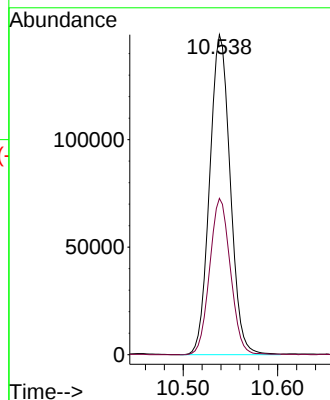
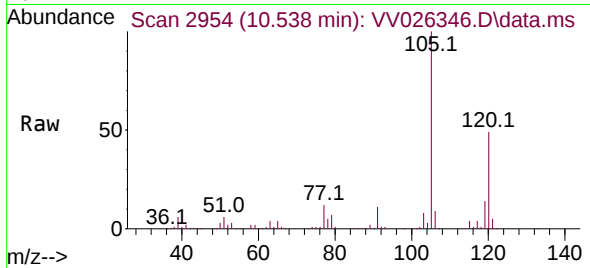




#62
 1,3,5-Trimethylbenzene
 Concen: 5.231 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

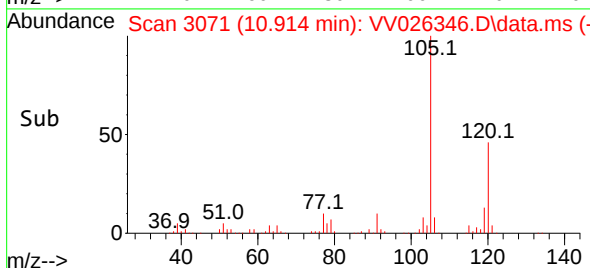
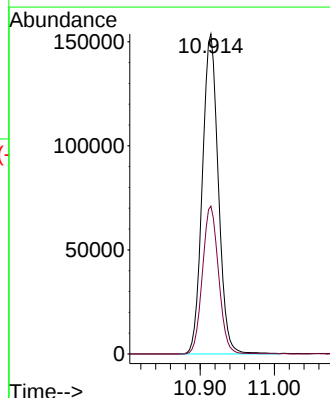
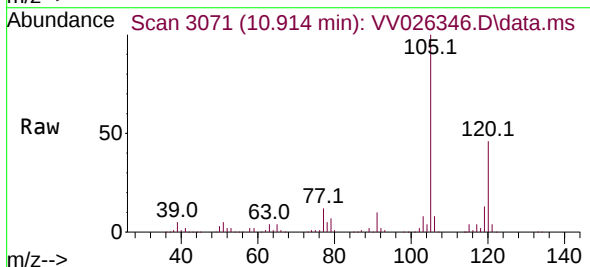
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

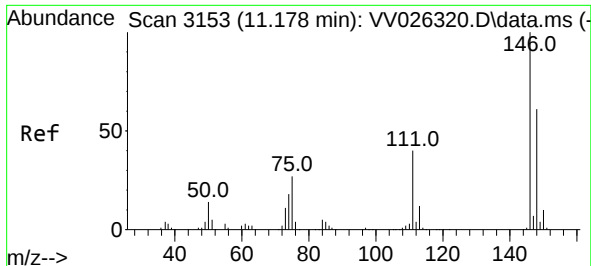
Tgt Ion:105 Resp: 225264
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.383 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

Tgt Ion:105 Resp: 229421
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.9 55.3

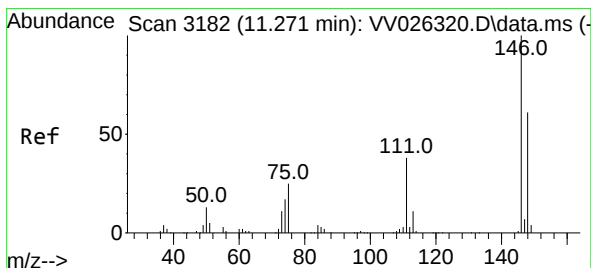
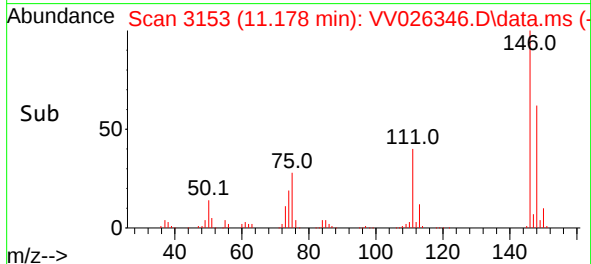
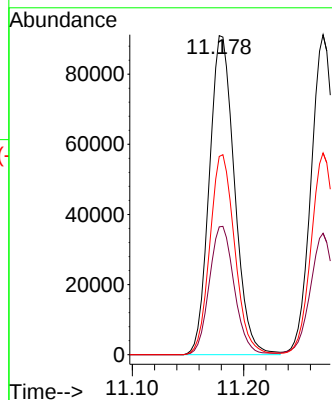
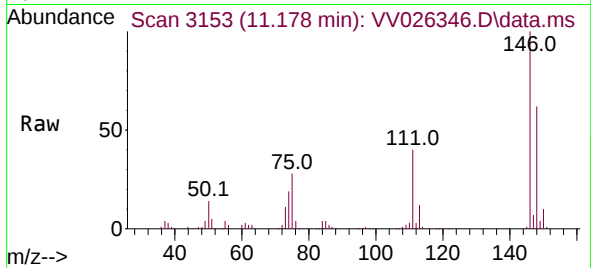




#64
1,3-Dichlorobenzene
Concen: 5.368 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

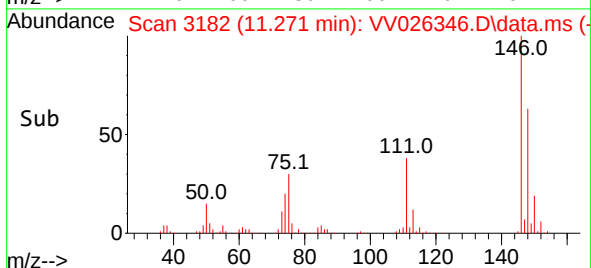
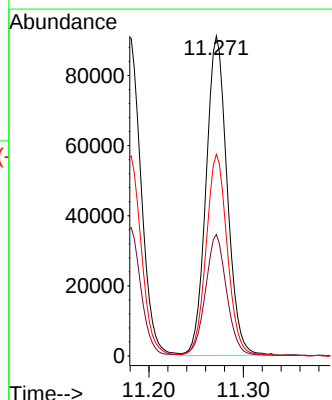
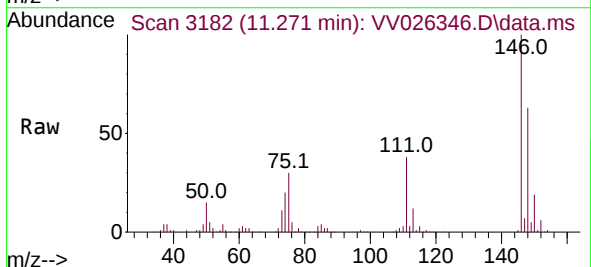
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

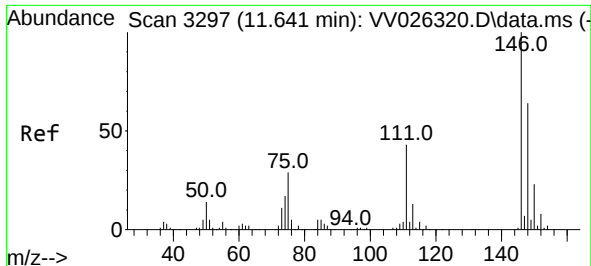
Tgt Ion:146 Resp: 143131
Ion Ratio Lower Upper
146 100
111 40.1 27.8 51.6
148 62.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion:146 Resp: 141423
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 63.0 43.3 80.3

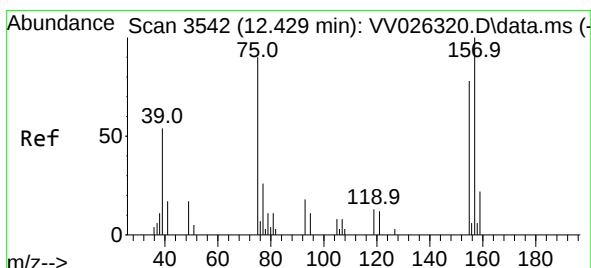
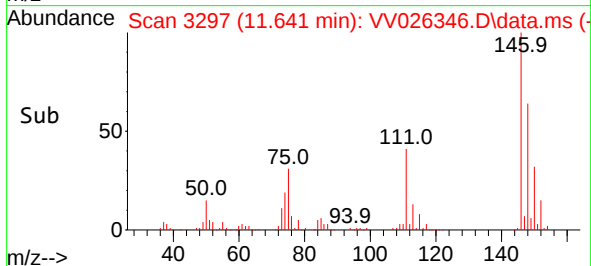
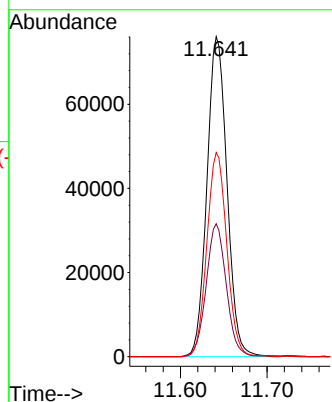
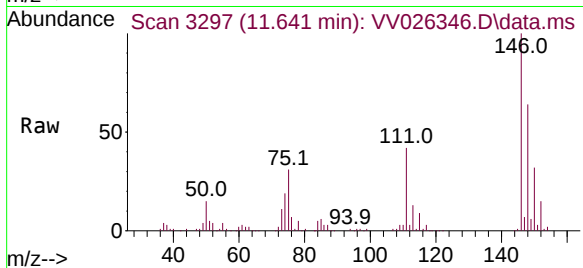




#67
1,2-Dichlorobenzene
Concen: 5.181 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

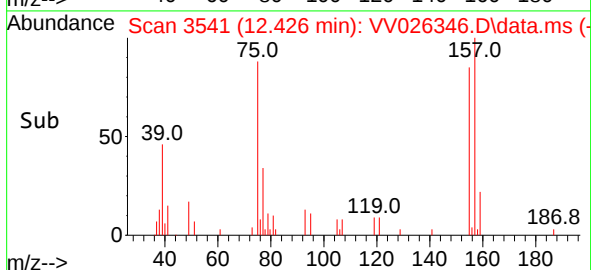
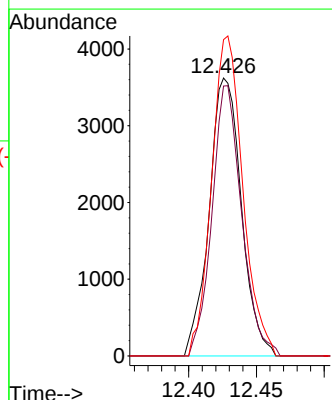
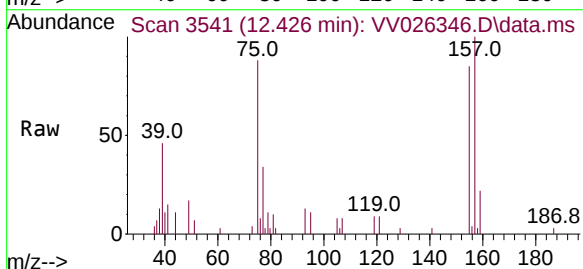
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

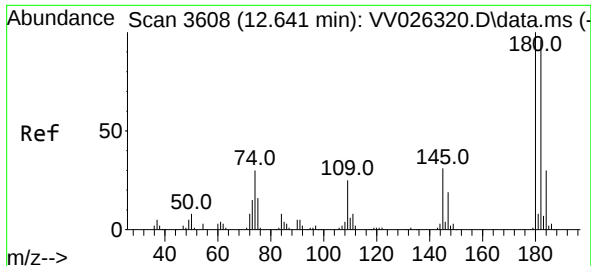
Tgt Ion:146 Resp: 122358
Ion Ratio Lower Upper
146 100
111 41.5 33.8 50.8
148 63.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.125 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion: 75 Resp: 5997
Ion Ratio Lower Upper
75 100
155 97.1 63.7 95.5#
157 113.8 85.0 127.6

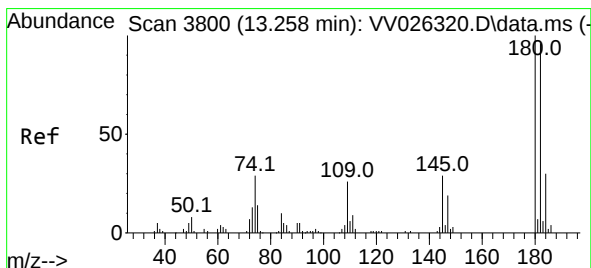
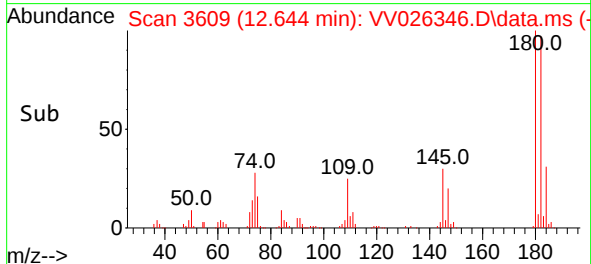
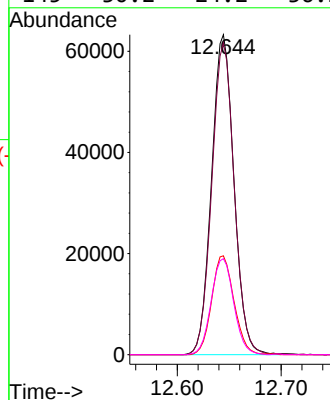
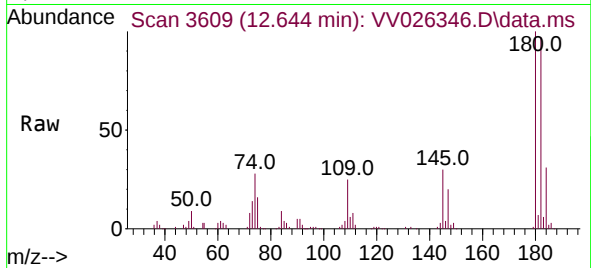




#69
 1,3,5-Trichlorobenzene
 Concen: 4.915 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

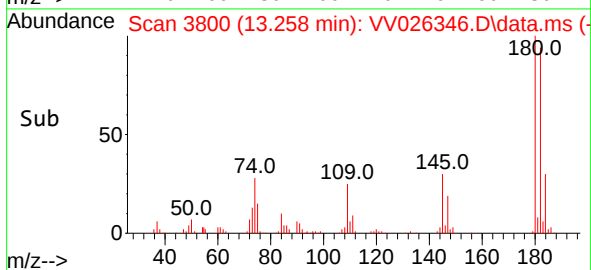
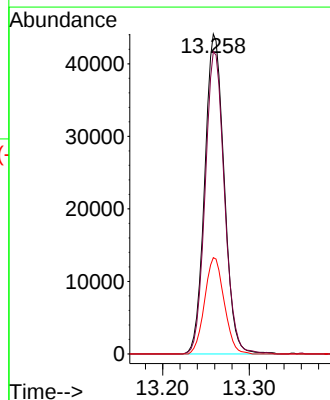
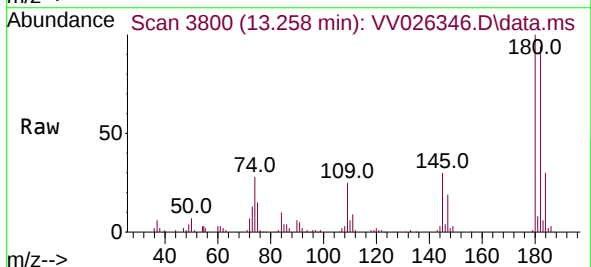
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

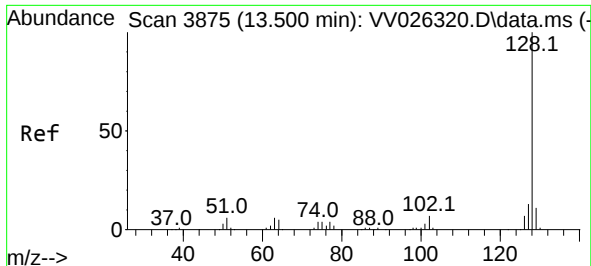
Tgt Ion:180	Resp:	94758
Ion Ratio	Lower	Upper
180	100	
182	97.5	75.5 113.3
184	30.9	23.7 35.5
145	30.2	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.832 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026346.D
 Acq: 16 Jun 2022 20:29

Tgt Ion:180	Resp:	68712
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.2 114.2
145	30.2	23.9 35.9

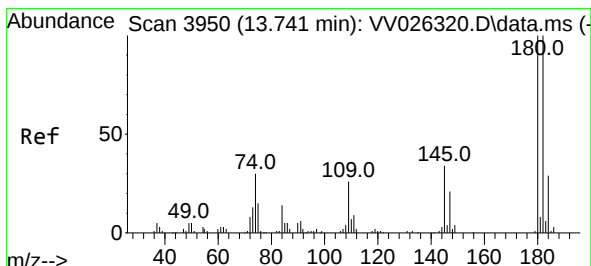
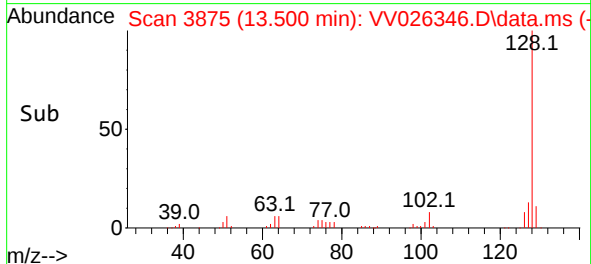
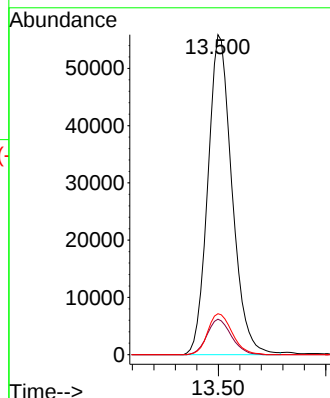
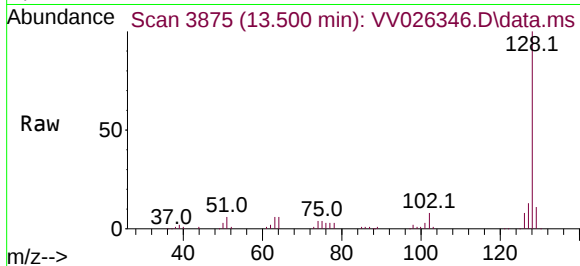




#71
Naphthalene
Concen: 4.413 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion:	128	Resp:	87137
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.0	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.752 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026346.D
Acq: 16 Jun 2022 20:29

Tgt Ion:	180	Resp:	56578
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.9	116.9
145	33.0	26.7	40.1

