

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032222\
 Data File : VW025119.D
 Acq On : 22 Mar 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Mar 23 01:05:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	149065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47617	4.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.564	69	39255	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.105	63	84503	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.902	46	80747	56.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.540%
24) Chloroform-d	4.342	84	95097	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.030	65	39576	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.047	84	188788	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	55114	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.313	98	166866	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.622	79	18372	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.088	63	74303	53.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35120	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54353	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	61853	4.696	ug/L	98
3) Chloromethane	1.240	50	56050	4.512	ug/L	98
5) Vinyl chloride	1.307	62	62988	4.806	ug/L	99
6) Bromomethane	1.519	94	39217	4.630	ug/L	97
8) Chloroethane	1.584	64	39180	4.930	ug/L	100
9) Trichlorofluoromethane	1.751	101	86995	4.881	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	48821	5.051	ug/L	99
12) 1,1-Dichloroethene	2.114	96	46895	4.938	ug/L	98
13) Acetone	2.198	43	47754	50.204	ug/L	77
14) Carbon disulfide	2.291	76	153320	4.512	ug/L	99
15) Methyl Acetate	2.442	43	14825	5.689	ug/L	92
16) Methylene chloride	2.503	84	56914	4.946	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	107323	5.188	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	56828	4.973	ug/L	98
19) 1,1-Dichloroethane	3.185	63	100137	5.148	ug/L	98
21) 2-Butanone	3.985	43	79889	53.213	ug/L	84
22) cis-1,2-Dichloroethene	3.908	96	60091	5.208	ug/L	100
23) Bromochloromethane	4.246	128	24347	5.352	ug/L	94
25) Chloroform	4.371	83	105520	5.211	ug/L	99

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 Data File : VW025119.D
 Acq On : 22 Mar 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Mar 23 01:05:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

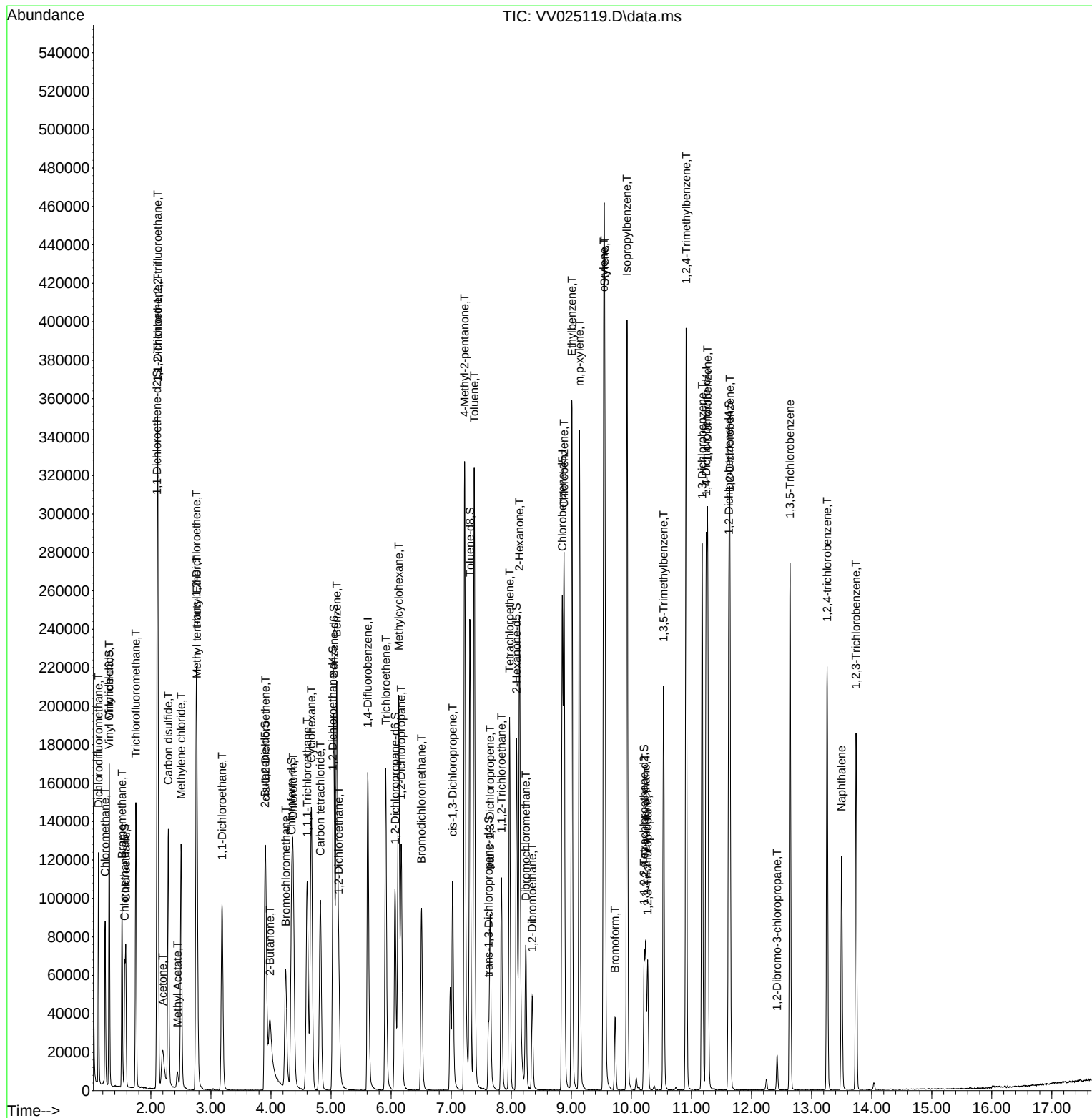
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	53268	5.290	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	91737	5.140	ug/L	99
30) Cyclohexane	4.670	56	80821	4.654	ug/L	97
31) Carbon tetrachloride	4.821	117	78545	5.129	ug/L	98
33) Benzene	5.095	78	229029	5.031	ug/L	100
34) Trichloroethene	5.911	95	60922	5.026	ug/L	97
35) Methylcyclohexane	6.127	83	92450	4.818	ug/L	99
37) 1,2-Dichloropropane	6.169	63	53867	5.149	ug/L	99
38) Bromodichloromethane	6.506	83	66895	5.057	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	72060	4.961	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	225471	52.380	ug/L	98
42) Toluene	7.384	91	244316	5.128	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56451	4.939	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	36319	5.198	ug/L	98
47) Tetrachloroethene	7.972	164	42420	4.975	ug/L	97
48) 2-Hexanone	8.136	43	156770	51.371	ug/L	97
49) Dibromochloromethane	8.243	129	39677	5.073	ug/L	100
50) 1,2-Dibromoethane	8.349	107	33756	5.279	ug/L	99
51) Chlorobenzene	8.879	112	152709	5.119	ug/L	99
52) Ethylbenzene	9.008	91	258925	5.138	ug/L	99
53) m,p-xylene	9.136	106	102427	5.277	ug/L	98
54) o-xylene	9.542	106	97389	5.248	ug/L	96
55) Styrene	9.558	104	161755	5.352	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	37276	5.442	ug/L	97
59) Bromoform	9.728	173	16917	4.534	ug/L	99
60) Isopropylbenzene	9.927	105	262601	5.027	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28461	4.885	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	117867	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	215082	5.123	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	113918	5.027	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	112884	4.942	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	100909	5.026	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4928	4.935	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	80810	5.049	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	61780	4.954	ug/L	97
71) Naphthalene	13.500	128	98563	4.759	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	52026	4.923	ug/L	97

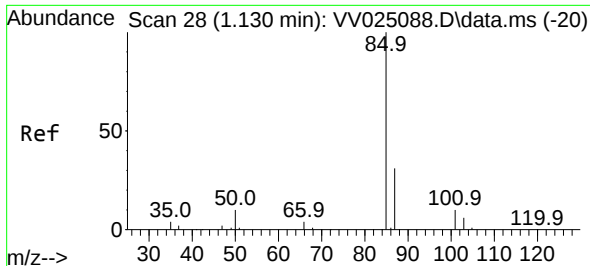
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032222\
Data File : VV025119.D
Acq On : 22 Mar 2022 10:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Quant Time: Mar 23 01:05:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
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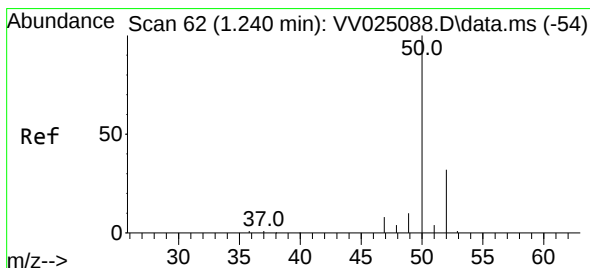
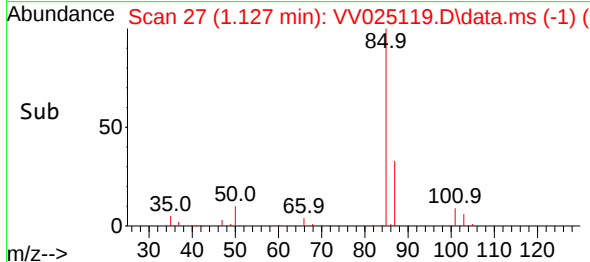
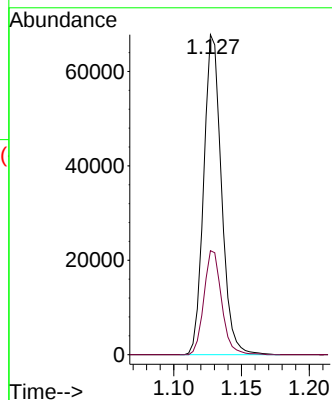
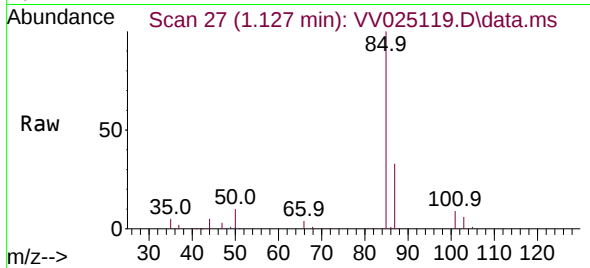




#2
 Dichlorodifluoromethane
 Concen: 4.696 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

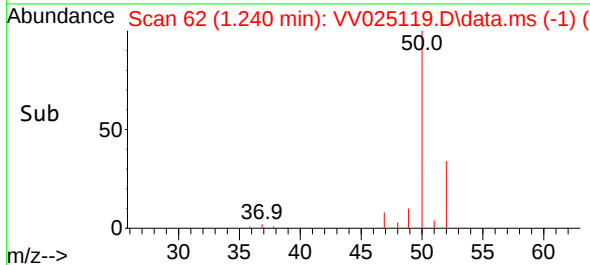
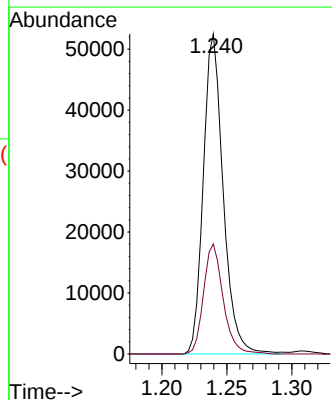
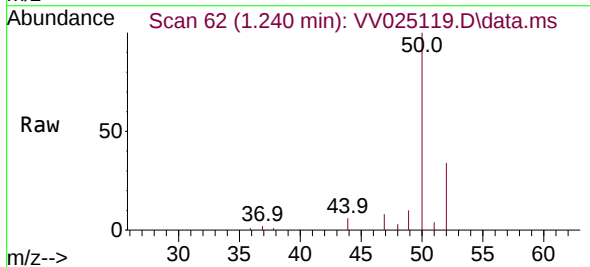
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

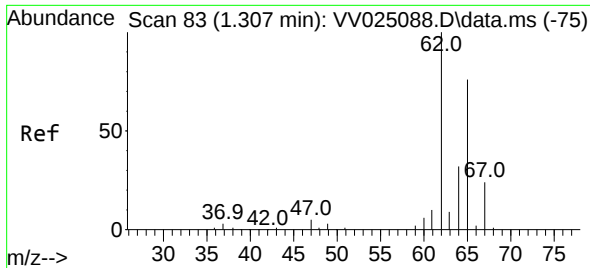
Tgt Ion: 85 Resp: 61853
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.7 40.1



#3
 Chloromethane
 Concen: 4.512 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

Tgt Ion: 50 Resp: 56050
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.2 43.2

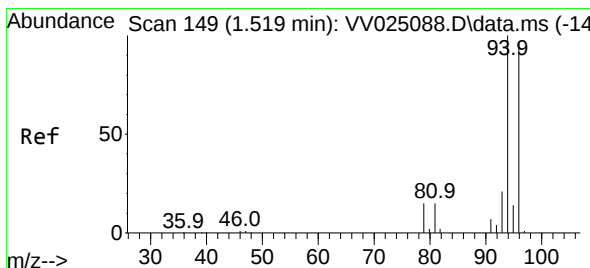
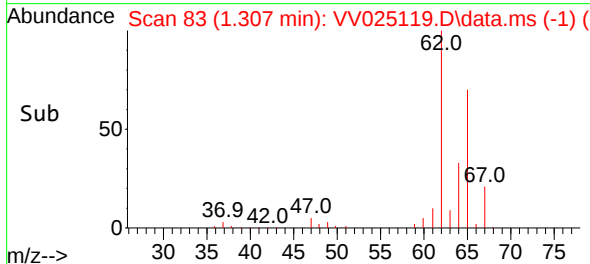
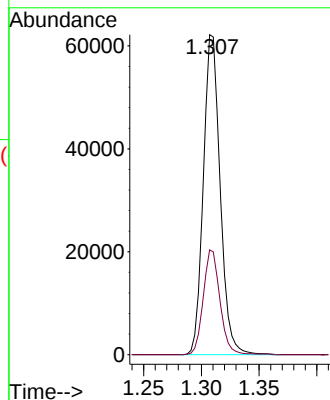
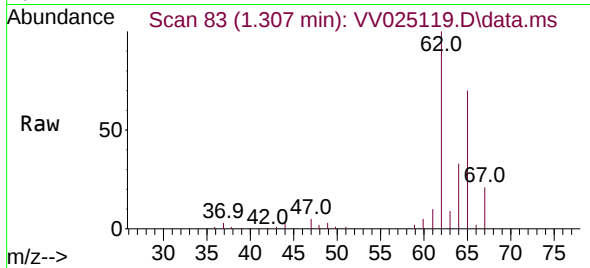




#5
 Vinyl chloride
 Concen: 4.806 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

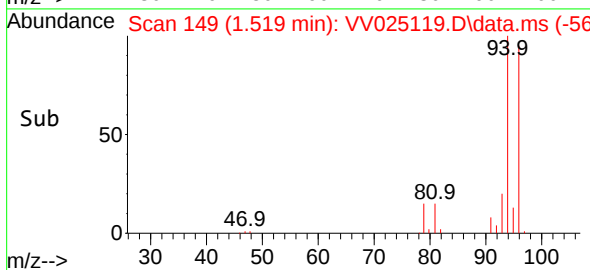
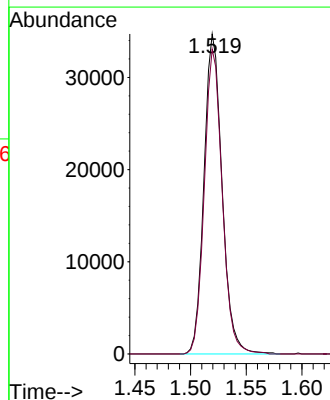
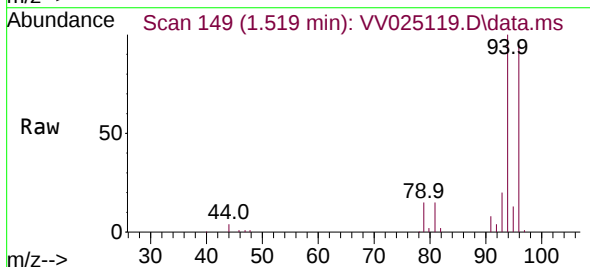
Instrument :
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 ClientSampleId :
 VSTD005342

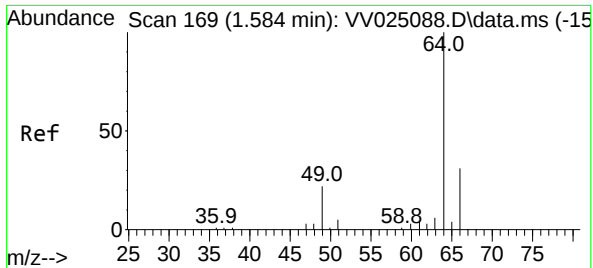
Tgt Ion: 62 Resp: 62988
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 4.630 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

Tgt Ion: 94 Resp: 39217
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.9 120.5

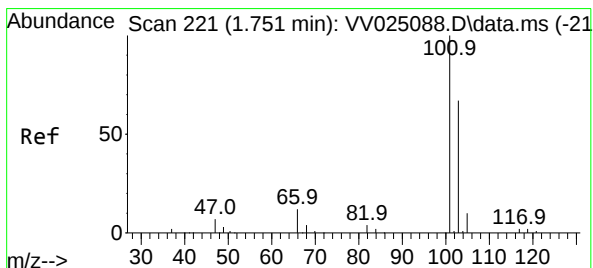
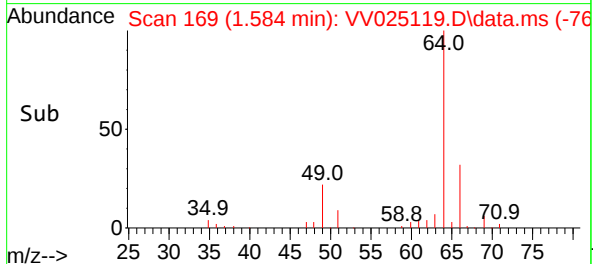
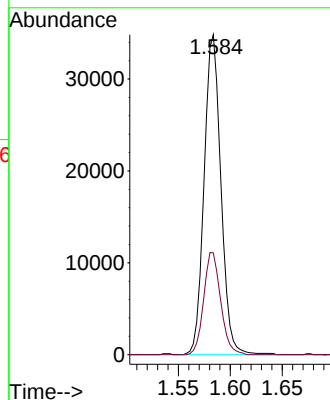
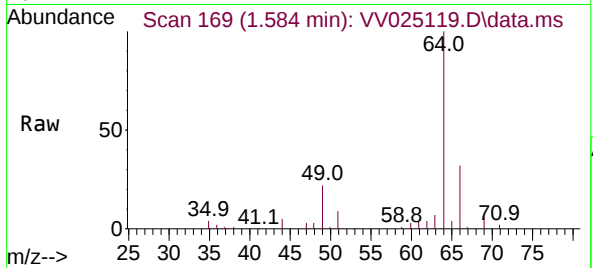




#8
Chloroethane
Concen: 4.930 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

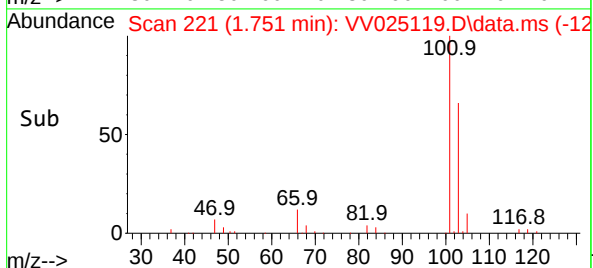
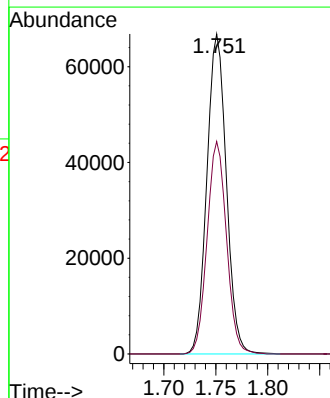
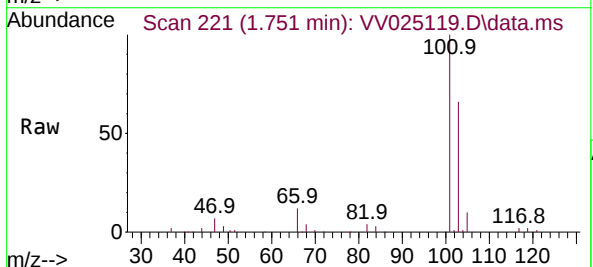
Instrument :
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ClientSampleId :
VSTD005342

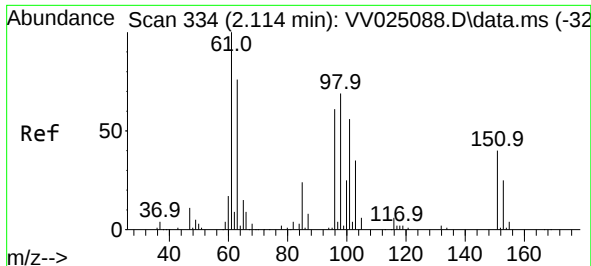
Tgt Ion: 64 Resp: 39180
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.881 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion:101 Resp: 86995
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

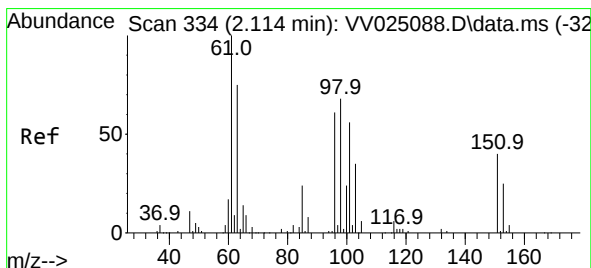
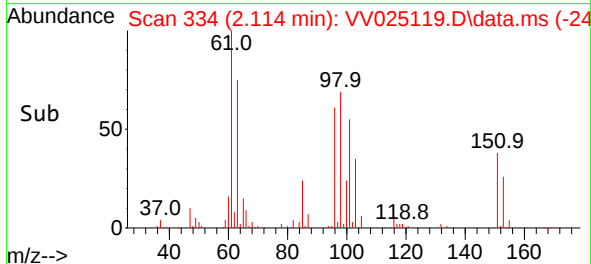
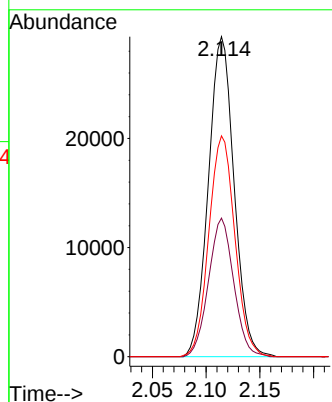
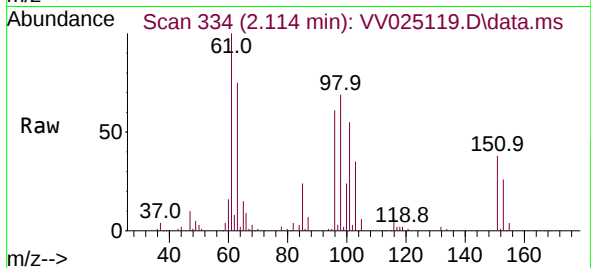




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.051 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

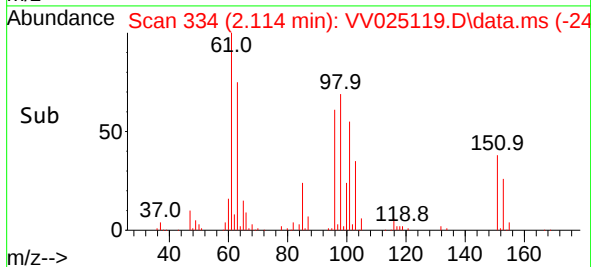
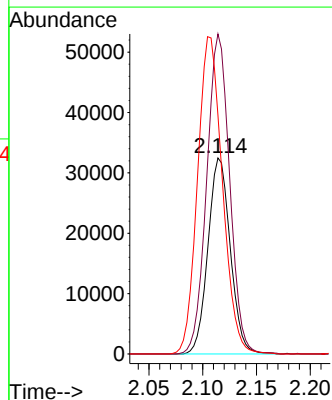
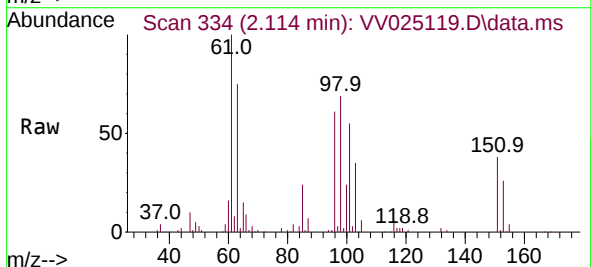
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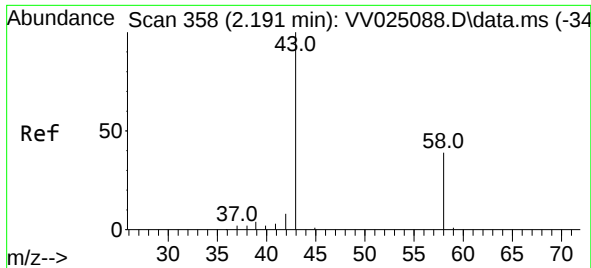
Tgt Ion:101 Resp: 48821
Ion Ratio Lower Upper
101 100
85 42.3 34.8 52.2
151 69.8 55.6 83.4



#12
1,1-Dichloroethene
Concen: 4.938 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 96 Resp: 46895
Ion Ratio Lower Upper
96 100
61 163.3 113.0 209.9
63 121.7 82.1 152.5





#13

Acetone

Concen: 50.204 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

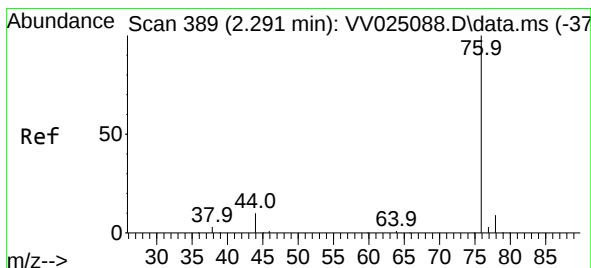
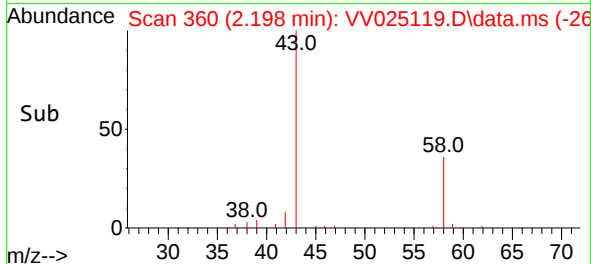
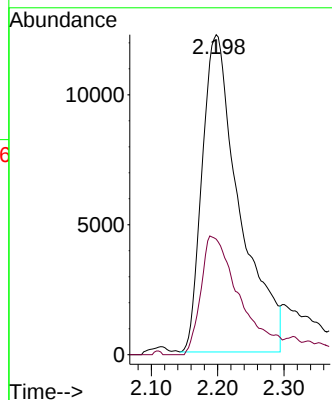
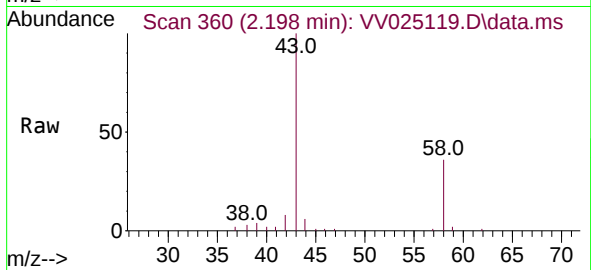
VSTD005342

Tgt Ion: 43 Resp: 47754

Ion Ratio Lower Upper

43 100

58 38.9 0.0 54.2



#14

Carbon disulfide

Concen: 4.512 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV025119.D

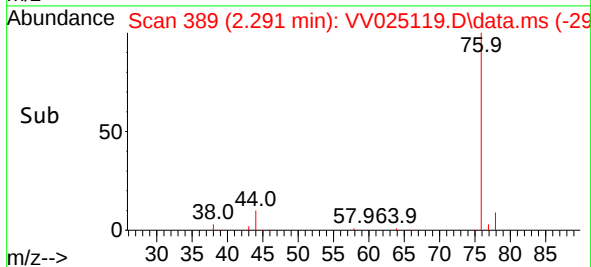
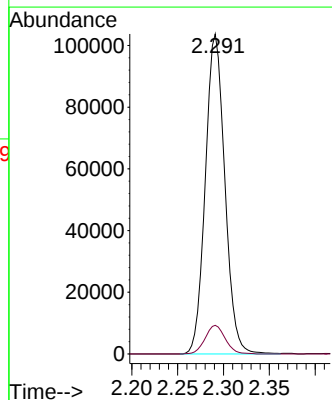
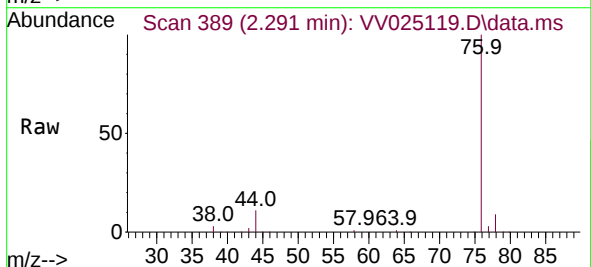
Acq: 22 Mar 2022 10:08

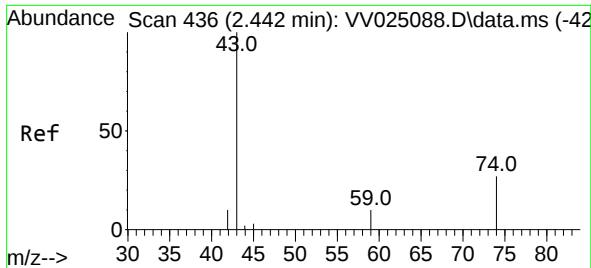
Tgt Ion: 76 Resp: 153320

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 5.689 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

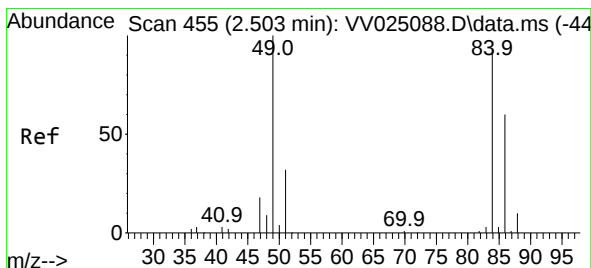
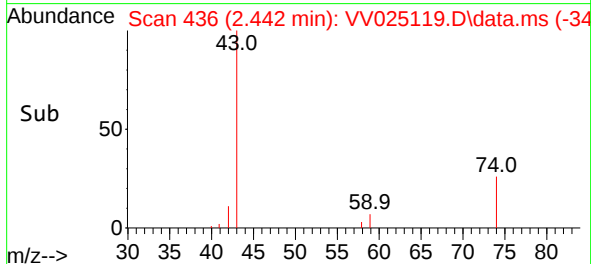
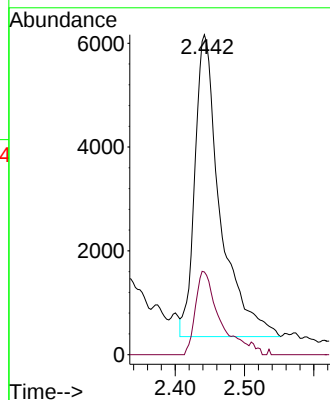
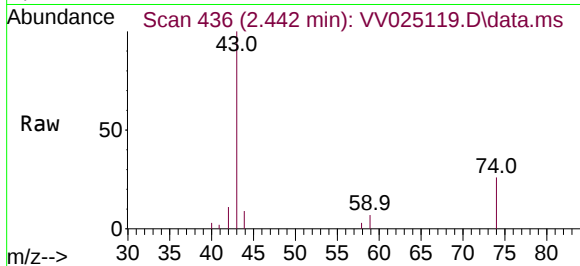
VSTD005342

Tgt Ion: 43 Resp: 14825

Ion Ratio Lower Upper

43 100

74 26.0 24.2 36.4



#16

Methylene chloride

Concen: 4.946 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

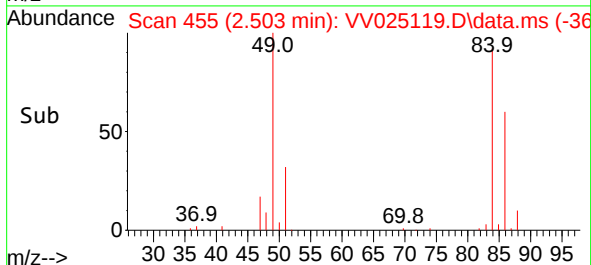
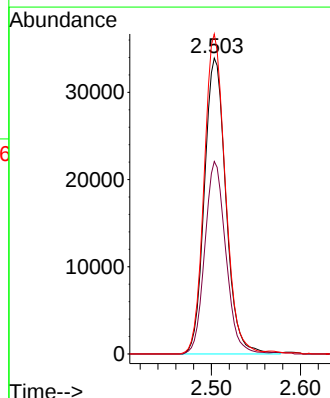
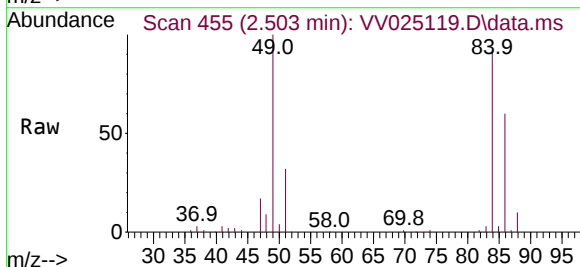
Tgt Ion: 84 Resp: 56914

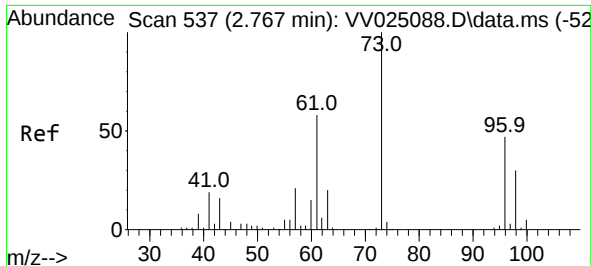
Ion Ratio Lower Upper

84 100

86 65.1 45.5 84.5

49 108.2 75.0 139.2

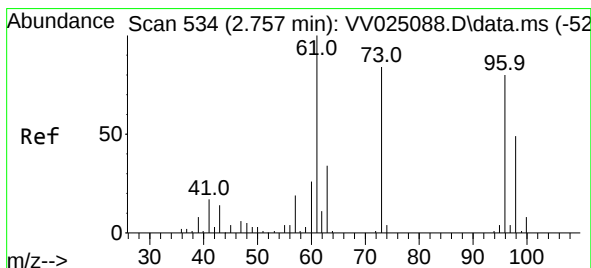
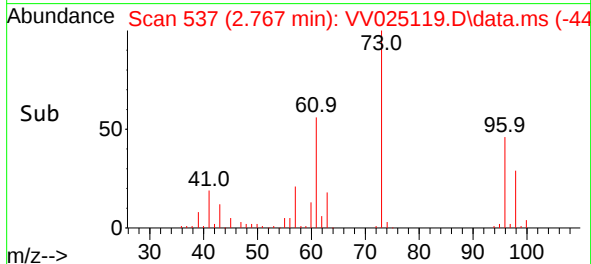
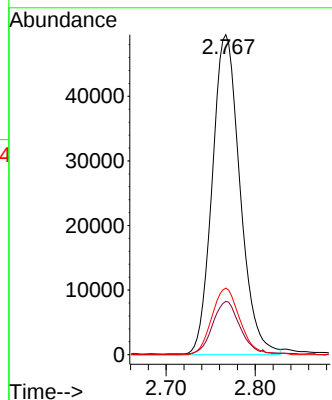
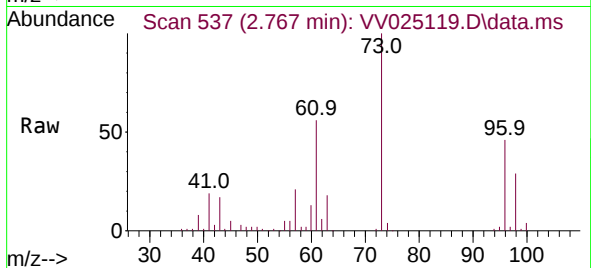




#17
Methyl tert-butyl Ether
Concen: 5.188 ug/L
RT: 2.767 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

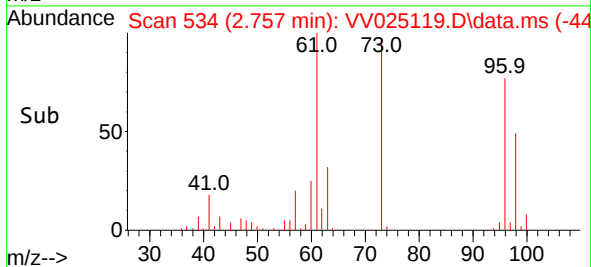
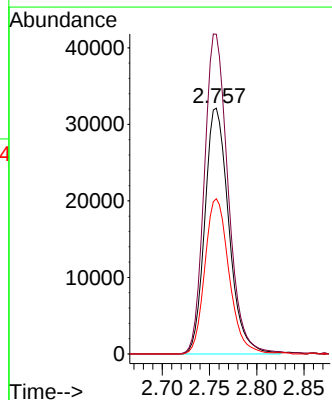
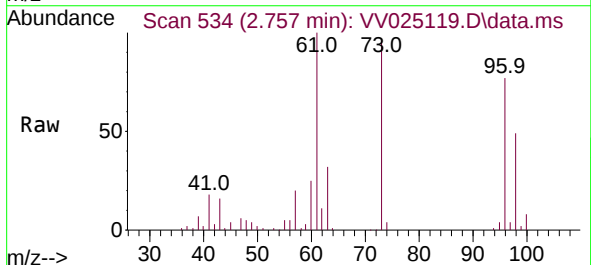
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

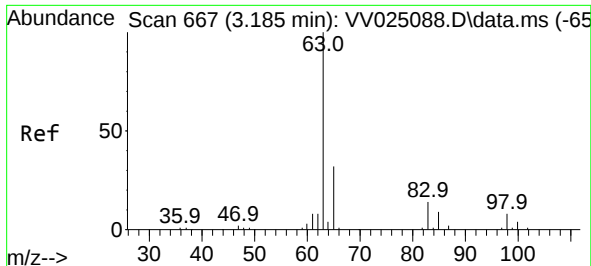
Tgt Ion: 73 Resp: 107323
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 21.0 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.973 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 96 Resp: 56828
Ion Ratio Lower Upper
96 100
61 130.1 89.2 165.6
98 63.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.148 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

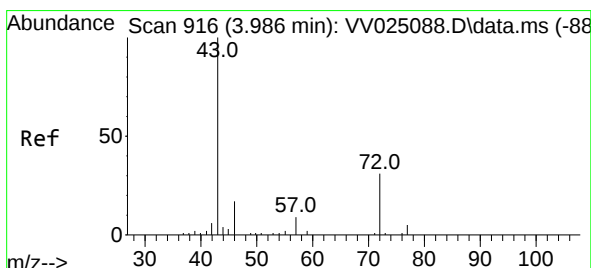
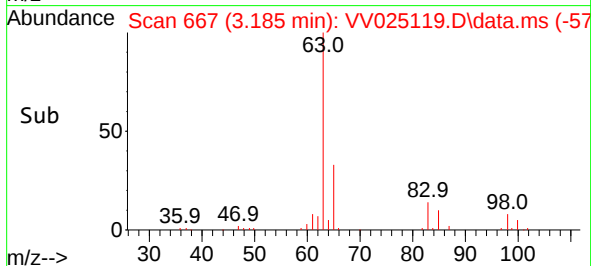
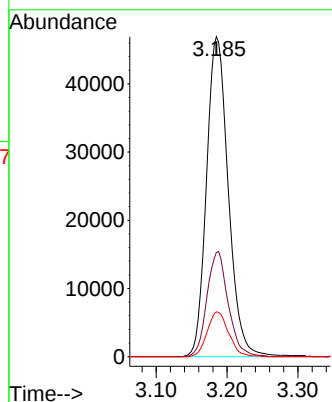
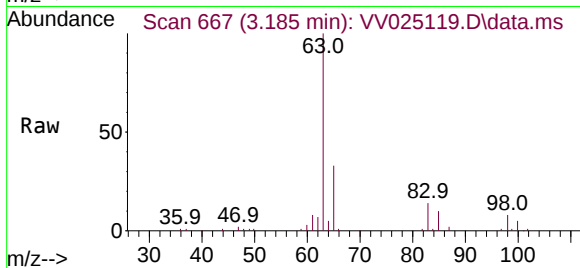
Tgt Ion: 63 Resp: 100137

Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 53.213 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.000 min

Lab File: VV025119.D

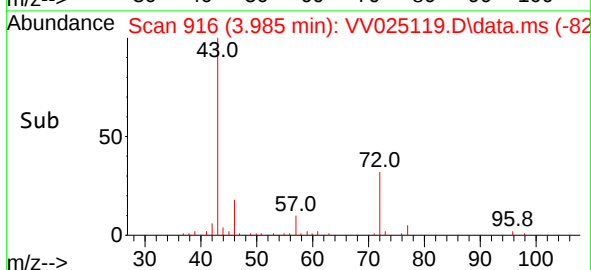
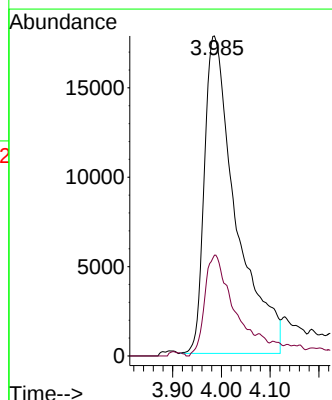
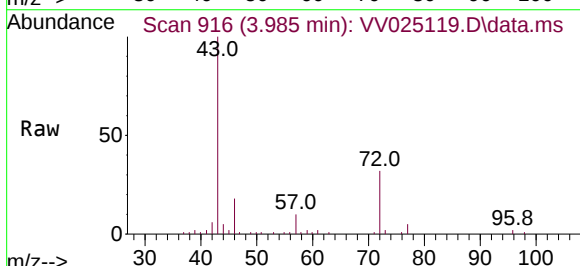
Acq: 22 Mar 2022 10:08

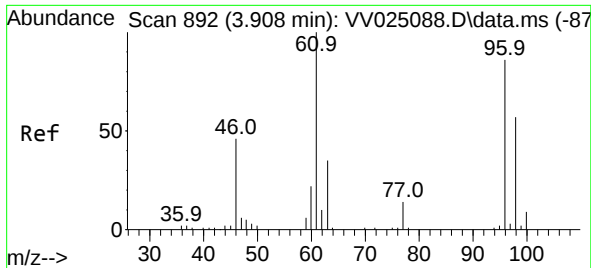
Tgt Ion: 43 Resp: 79889

Ion Ratio Lower Upper

43 100

72 28.2 10.4 31.2

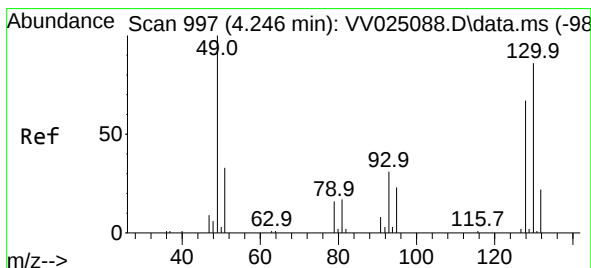
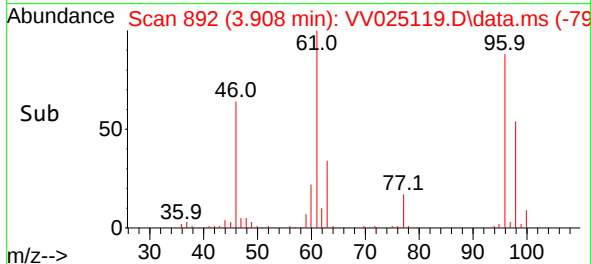
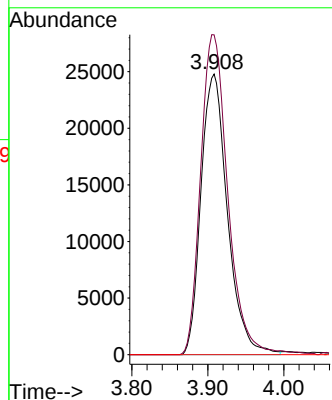
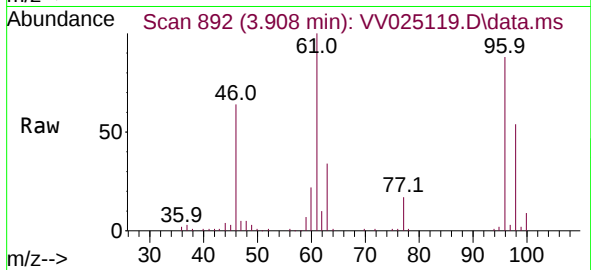




#22
 cis-1,2-Dichloroethene
 Concen: 5.208 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

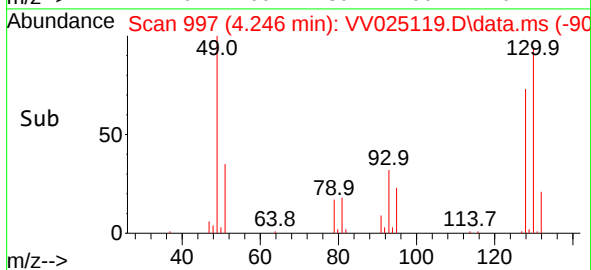
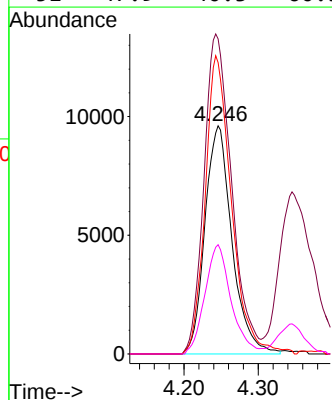
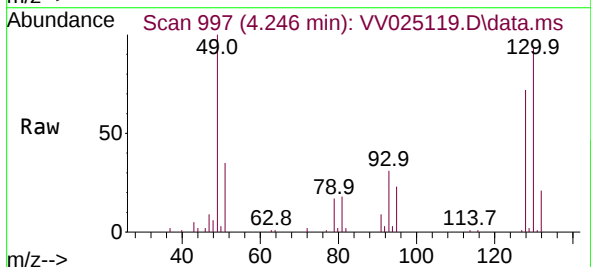
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

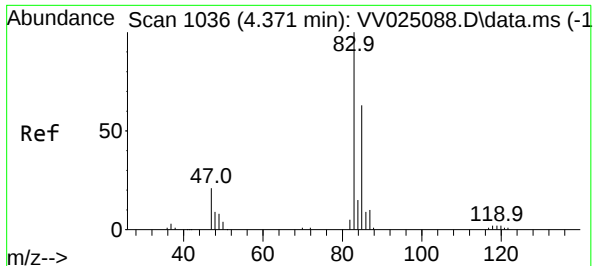
Tgt Ion: 96 Resp: 60091
 Ion Ratio Lower Upper
 96 100
 61 114.0 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.352 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

Tgt Ion: 128 Resp: 24347
 Ion Ratio Lower Upper
 128 100
 49 138.0 107.5 199.7
 130 127.7 89.4 166.0
 51 47.9 40.3 60.5





#25

Chloroform

Concen: 5.211 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

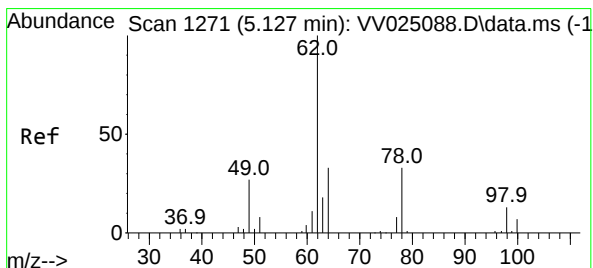
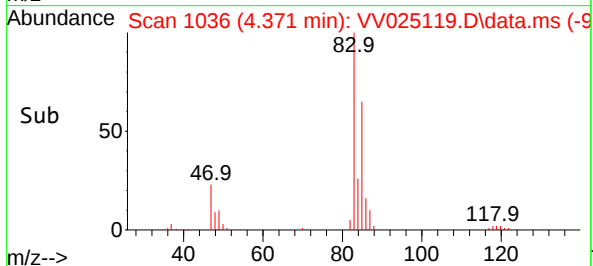
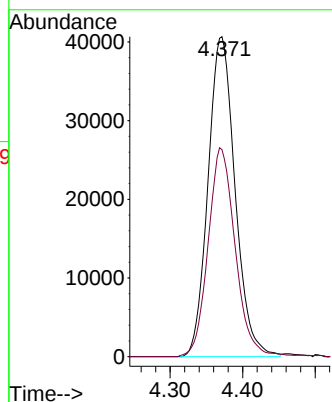
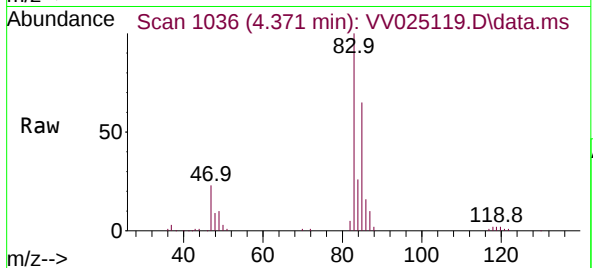
VSTD005342

Tgt Ion: 83 Resp: 105520

Ion Ratio Lower Upper

83 100

85 64.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.290 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025119.D

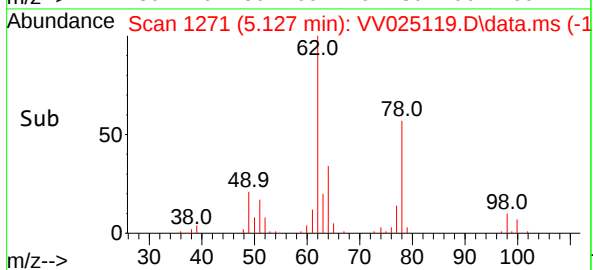
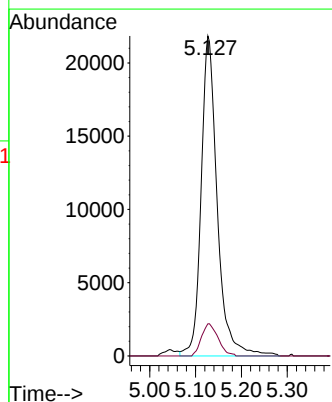
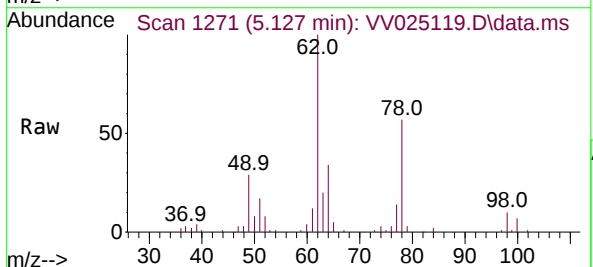
Acq: 22 Mar 2022 10:08

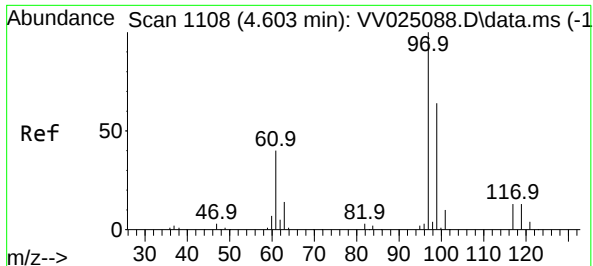
Tgt Ion: 62 Resp: 53268

Ion Ratio Lower Upper

62 100

98 10.0 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.140 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

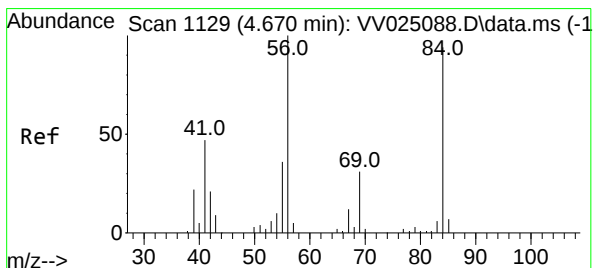
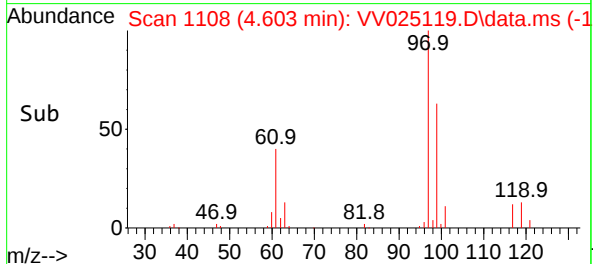
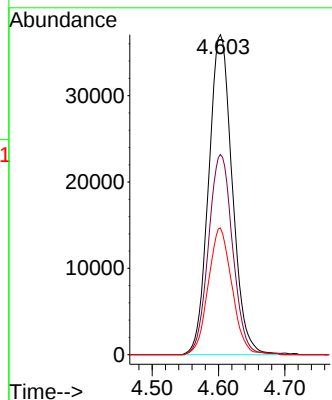
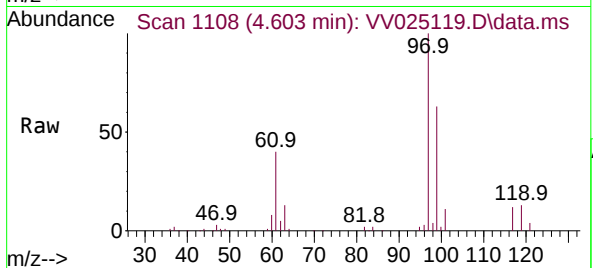
Tgt Ion: 97 Resp: 91737

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 39.8 32.4 48.6



#30

Cyclohexane

Concen: 4.654 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

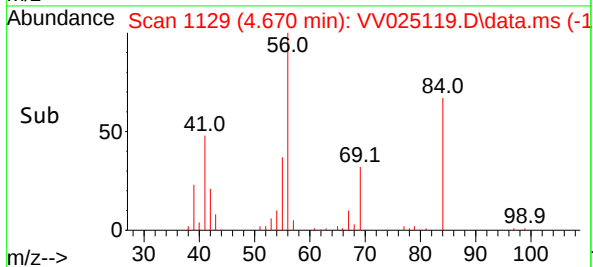
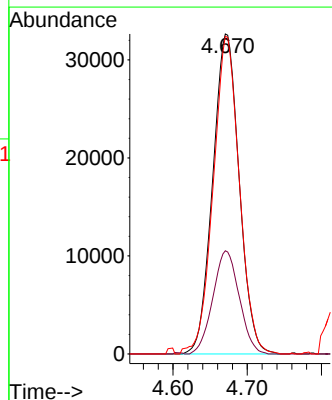
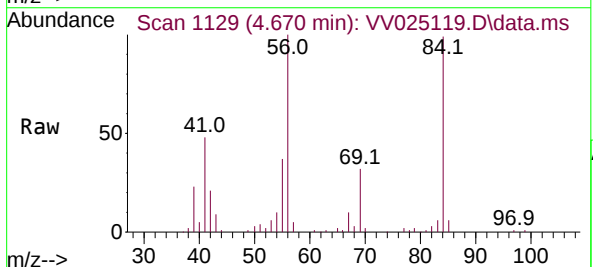
Tgt Ion: 56 Resp: 80821

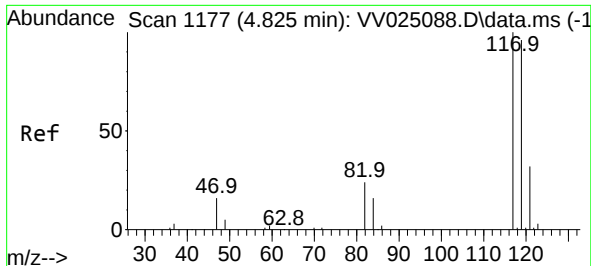
Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

84 97.8 75.9 113.9

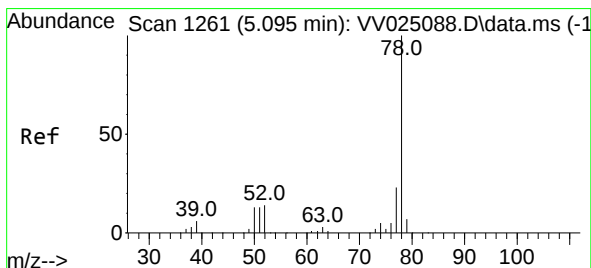
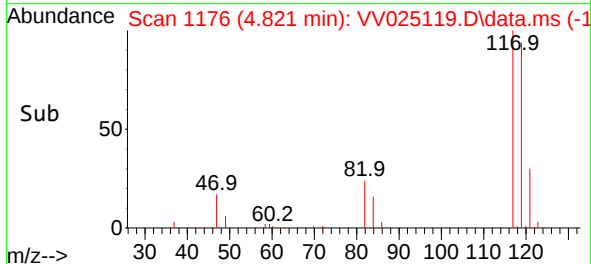
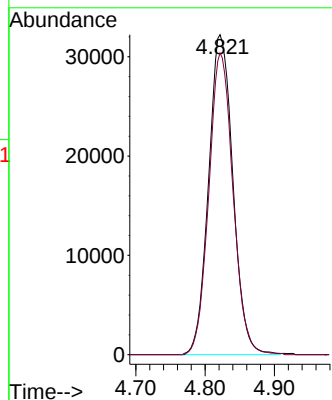
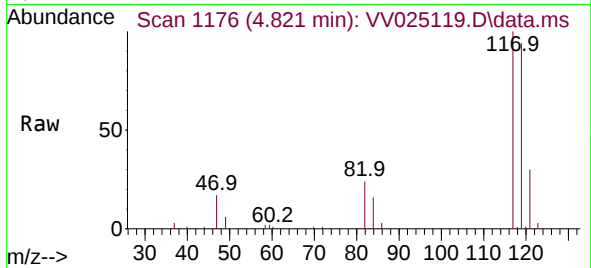




#31
Carbon tetrachloride
Concen: 5.129 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

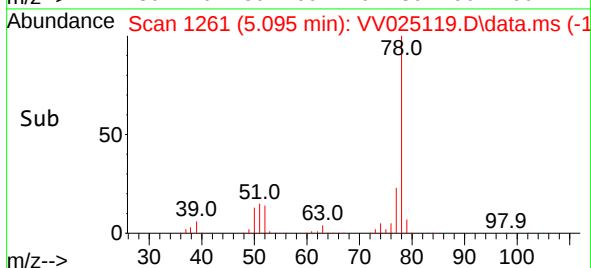
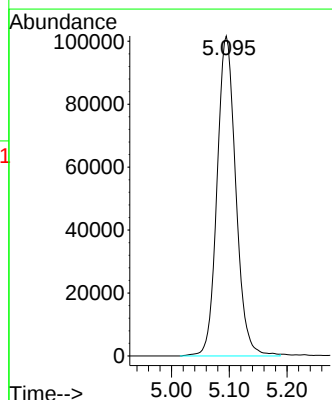
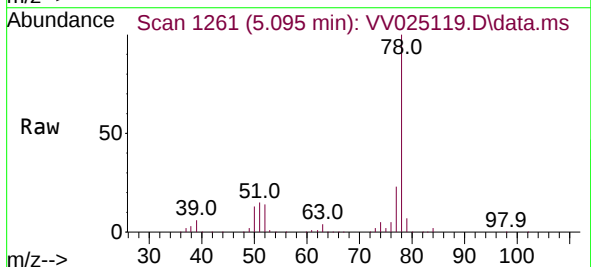
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

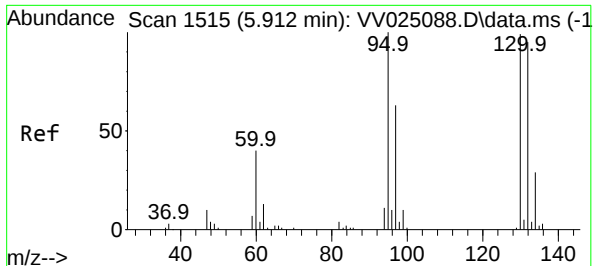
Tgt Ion:117 Resp: 78545
Ion Ratio Lower Upper
117 100
119 93.8 76.8 115.2



#33
Benzene
Concen: 5.031 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 78 Resp: 229029





#34

Trichloroethene

Concen: 5.026 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

Tgt Ion: 95 Resp: 60922

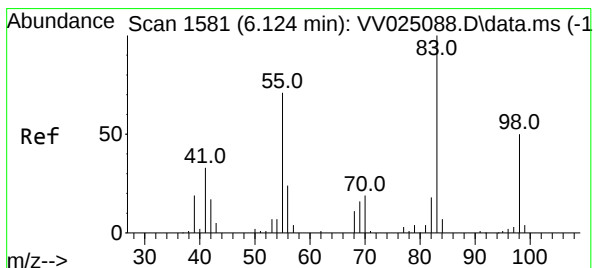
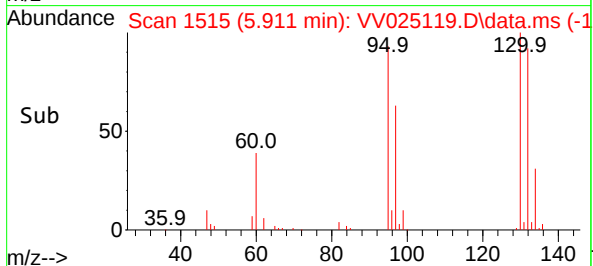
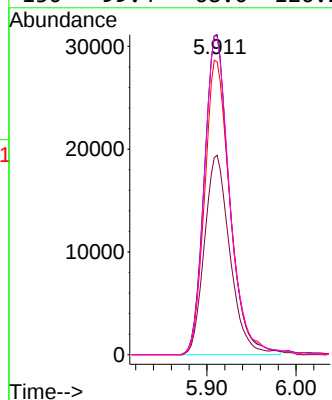
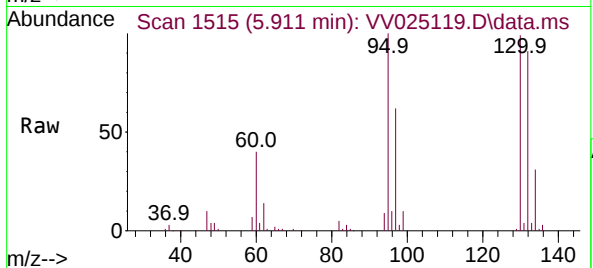
Ion Ratio Lower Upper

95 100

97 62.3 44.5 82.7

132 91.5 66.5 123.5

130 99.4 68.0 126.2



#35

Methylcyclohexane

Concen: 4.818 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

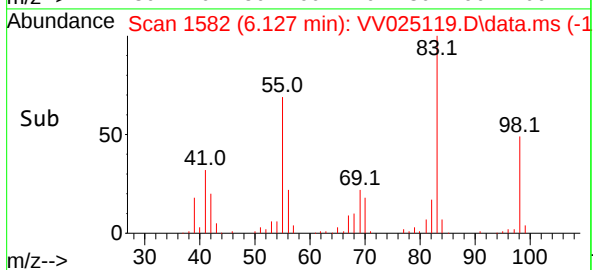
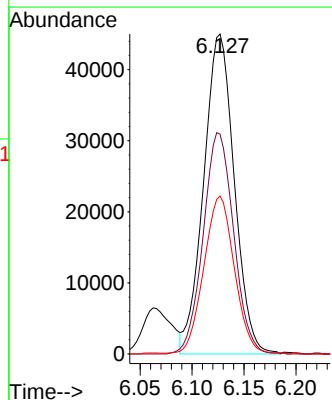
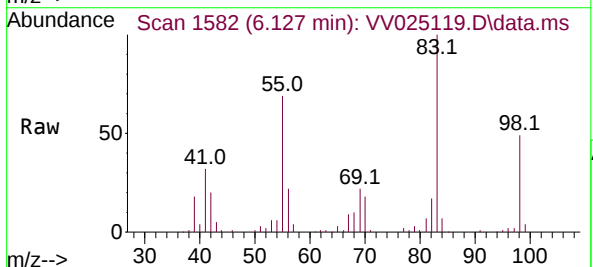
Tgt Ion: 83 Resp: 92450

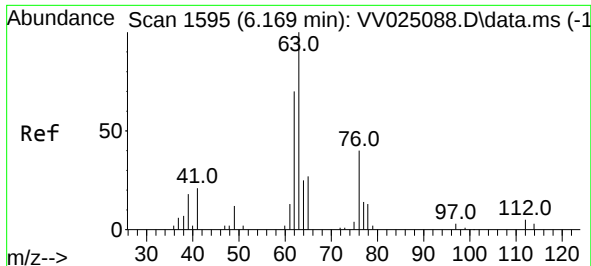
Ion Ratio Lower Upper

83 100

55 68.7 55.4 83.0

98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.149 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

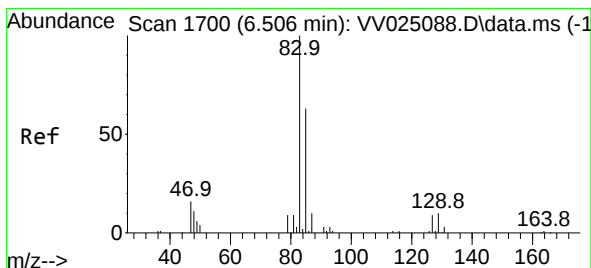
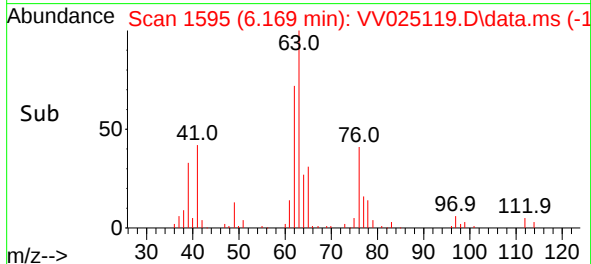
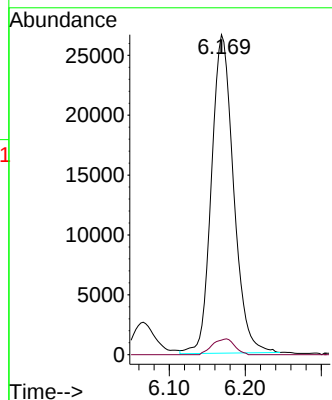
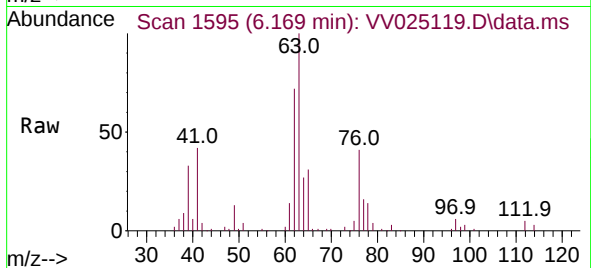
VSTD005342

Tgt Ion: 63 Resp: 53867

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 5.057 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

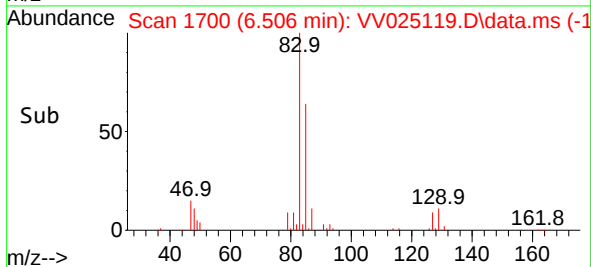
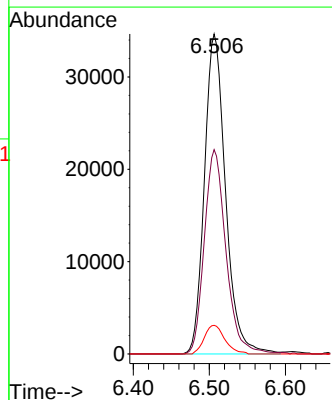
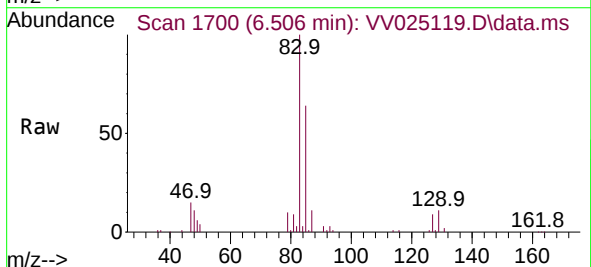
Tgt Ion: 83 Resp: 66895

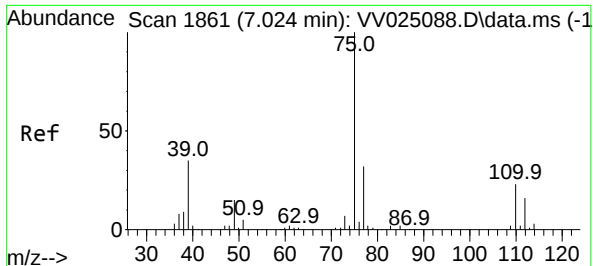
Ion Ratio Lower Upper

83 100

85 63.8 44.8 83.2

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.961 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

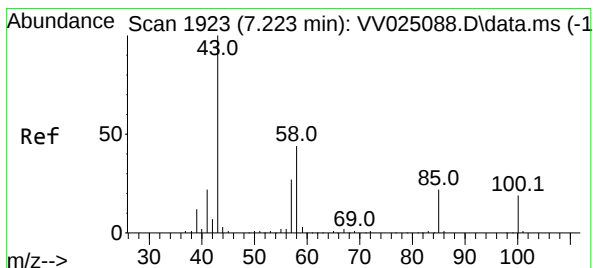
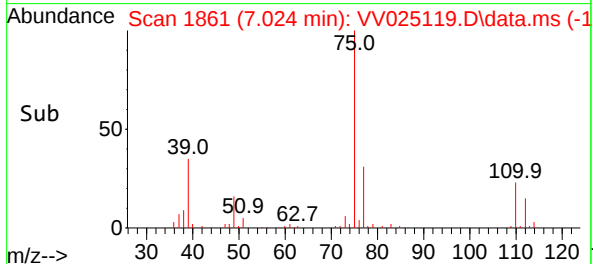
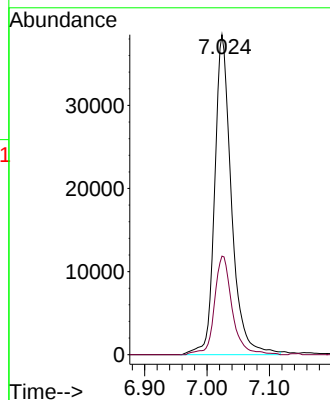
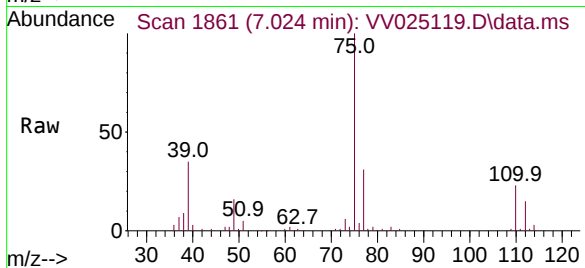
VSTD005342

Tgt Ion: 75 Resp: 72060

Ion Ratio Lower Upper

75 100

77 30.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.380 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

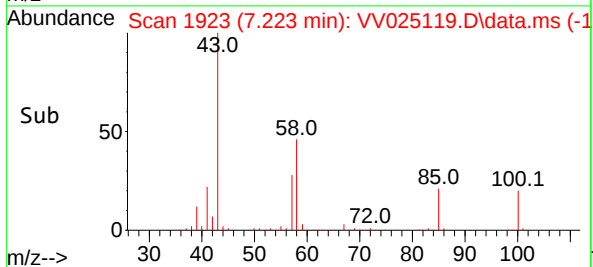
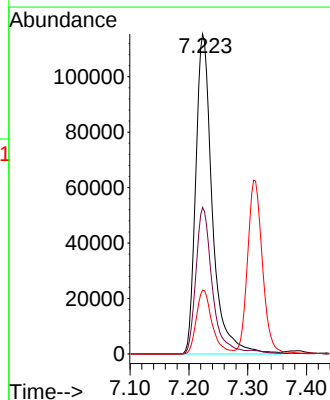
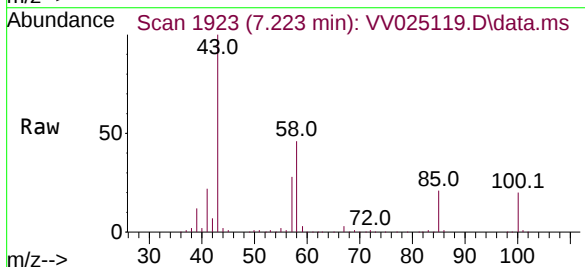
Tgt Ion: 43 Resp: 225471

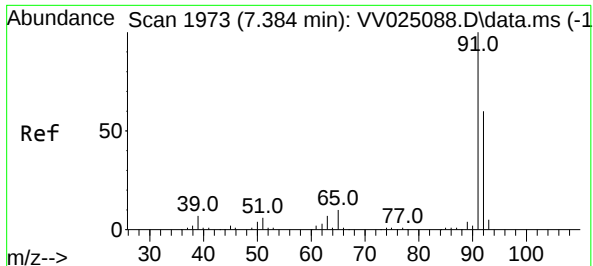
Ion Ratio Lower Upper

43 100

58 45.1 36.6 55.0

100 19.2 13.8 20.8





#42

Toluene

Concen: 5.128 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

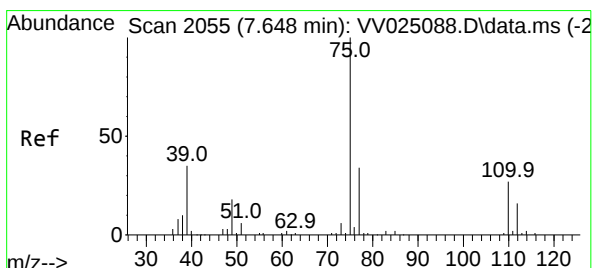
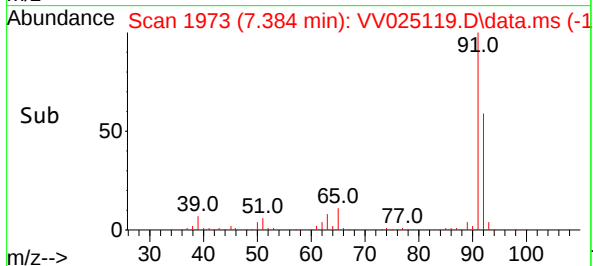
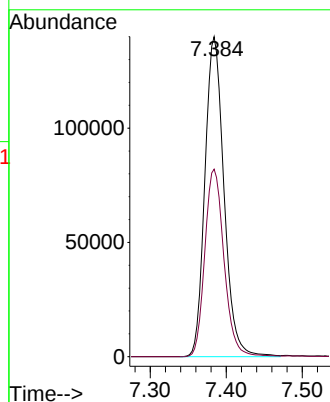
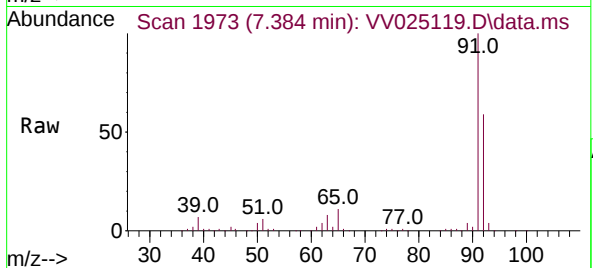
VSTD005342

Tgt Ion: 91 Resp: 244316

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.939 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025119.D

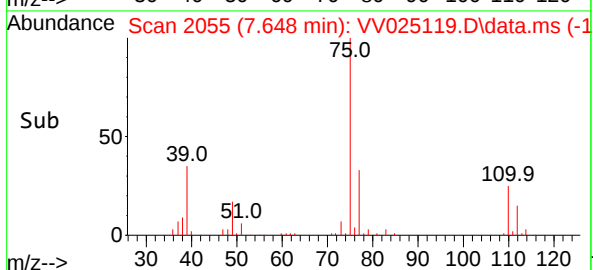
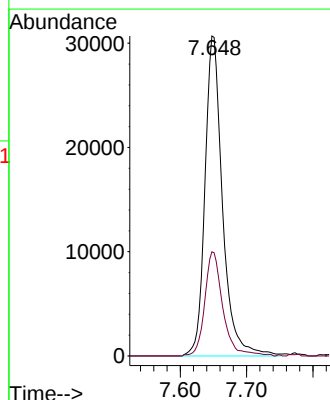
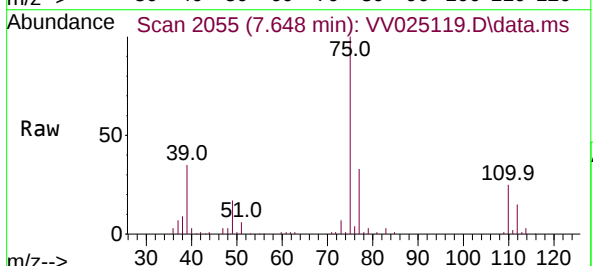
Acq: 22 Mar 2022 10:08

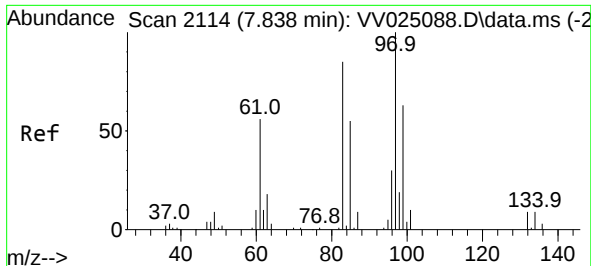
Tgt Ion: 75 Resp: 56451

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.6



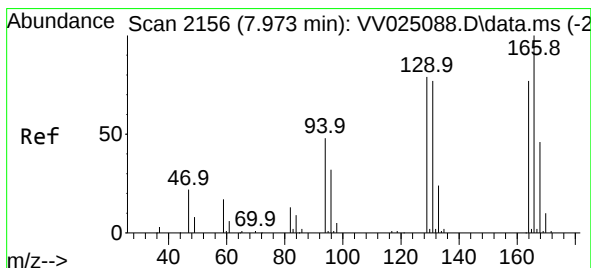
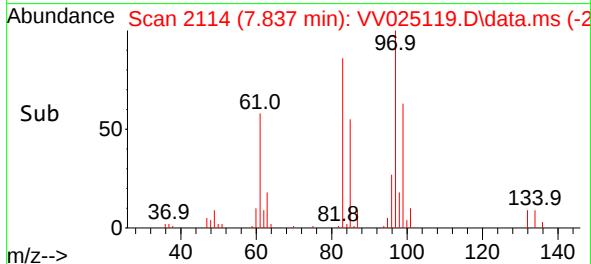
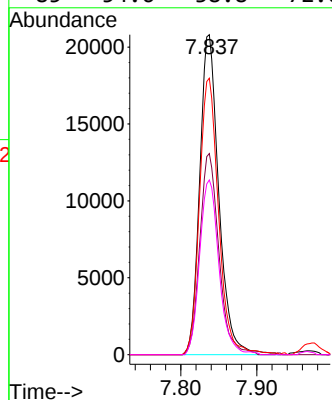
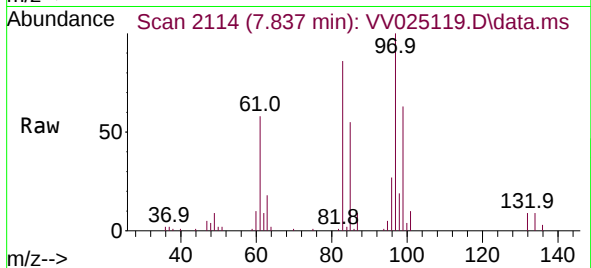


#45
1,1,2-Trichloroethane
Concen: 5.198 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion: 97 Resp: 36319

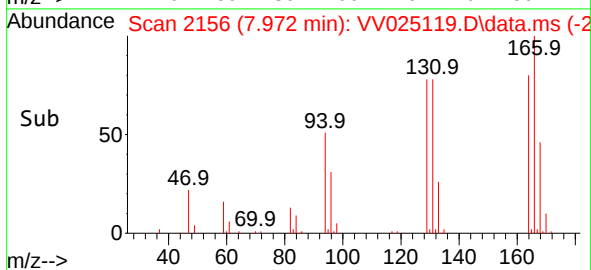
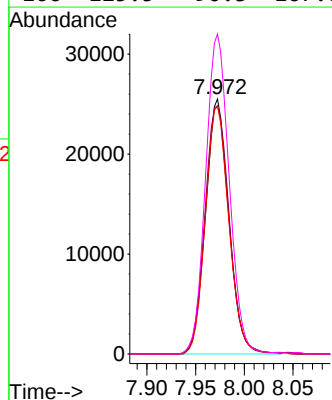
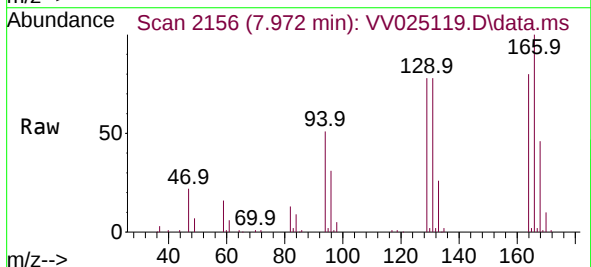
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	86.4	58.9	109.3
85	54.6	38.8	72.0

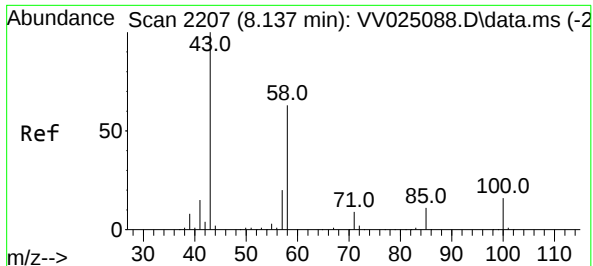


#47
Tetrachloroethene
Concen: 4.975 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 164 Resp: 42420

Ion	Ratio	Lower	Upper
164	100		
129	97.3	70.3	130.7
131	97.3	69.4	129.0
166	125.5	90.3	167.7



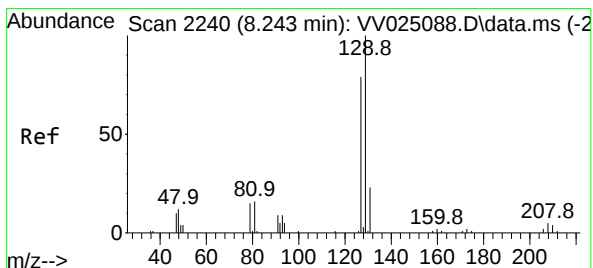
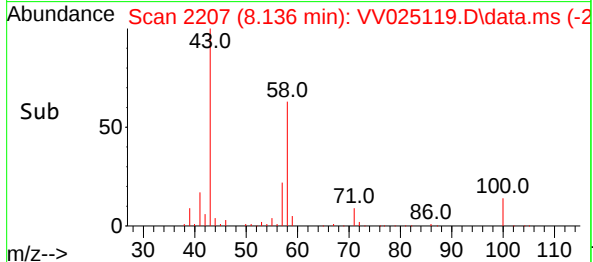
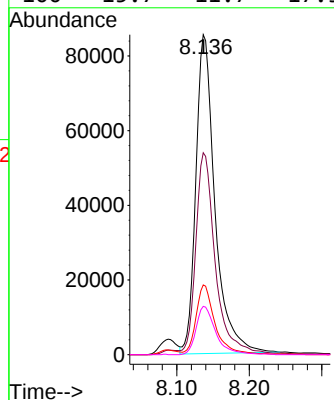
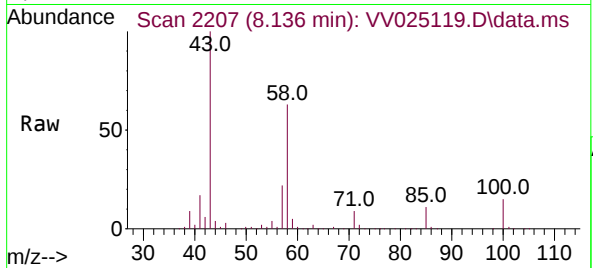


#48
2-Hexanone
Concen: 51.371 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion: 43 Resp: 156770

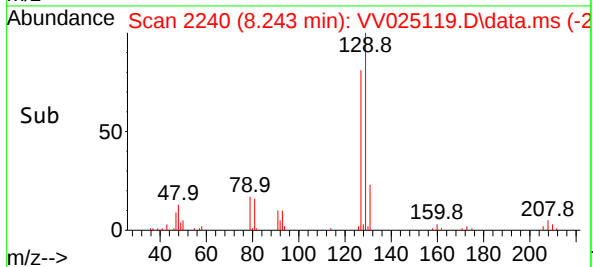
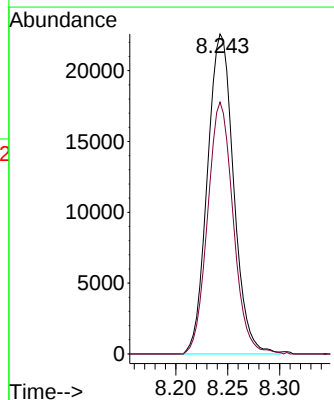
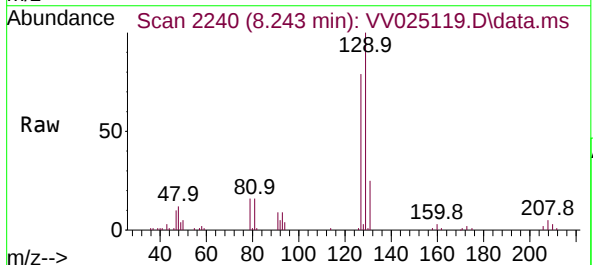
Ion	Ratio	Lower	Upper
43	100		
58	63.9	49.2	73.8
57	21.4	16.0	24.0
100	15.7	11.7	17.5

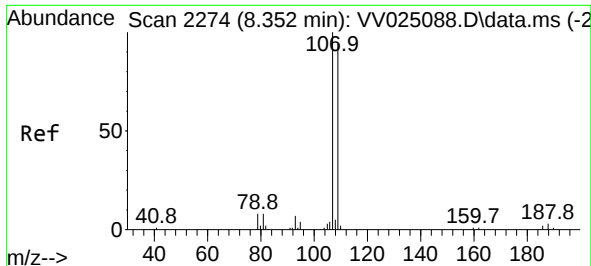


#49
Dibromochloromethane
Concen: 5.073 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 129 Resp: 39677

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.279 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

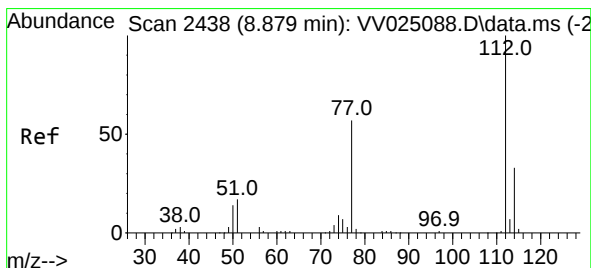
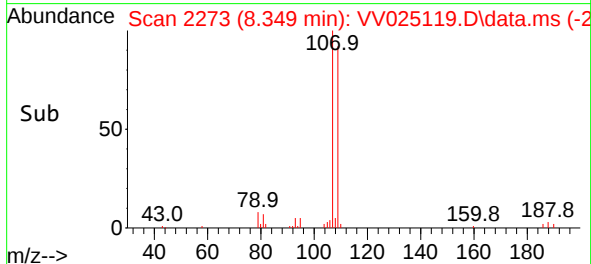
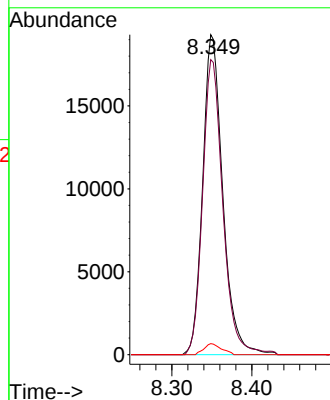
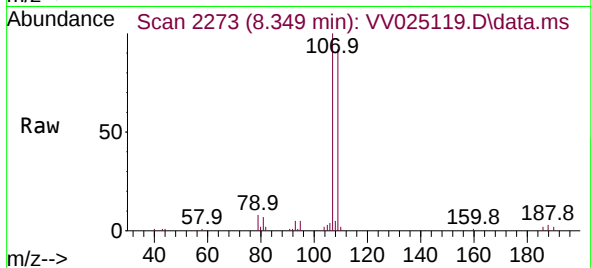
Tgt Ion:107 Resp: 33756

Ion Ratio Lower Upper

107 100

109 92.2 65.5 121.6

188 3.5 2.4 3.6



#51

Chlorobenzene

Concen: 5.119 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

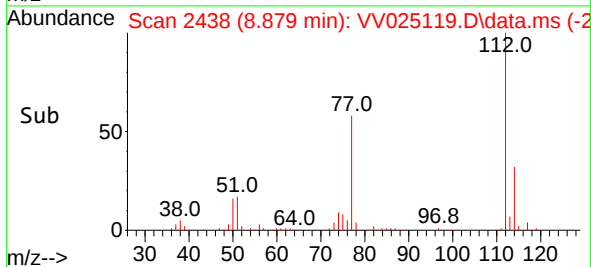
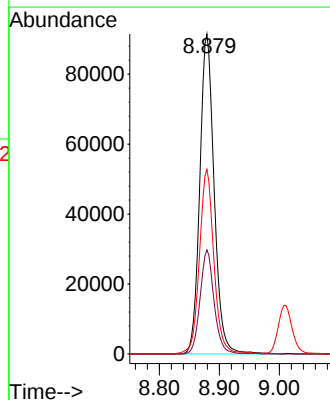
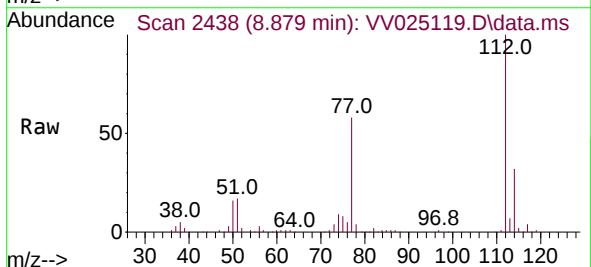
Tgt Ion:112 Resp: 152709

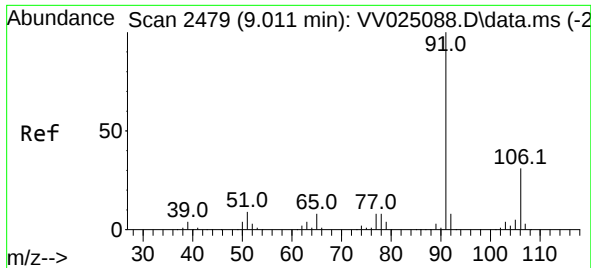
Ion Ratio Lower Upper

112 100

114 32.5 22.5 41.7

77 57.7 45.3 67.9

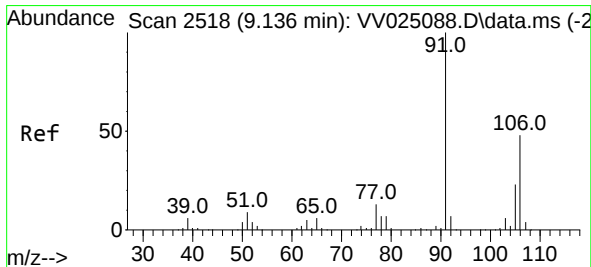
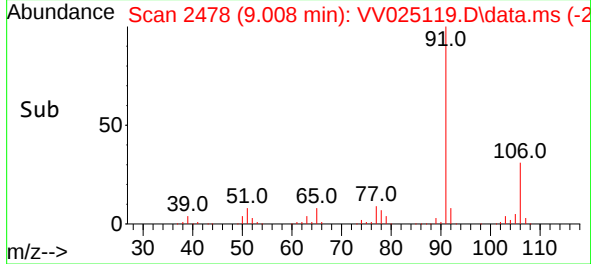
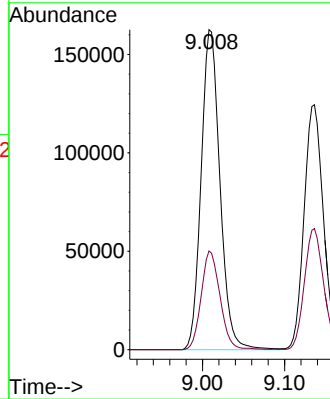
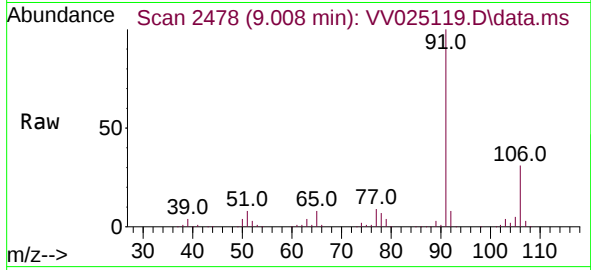




#52
Ethylbenzene
Concen: 5.138 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

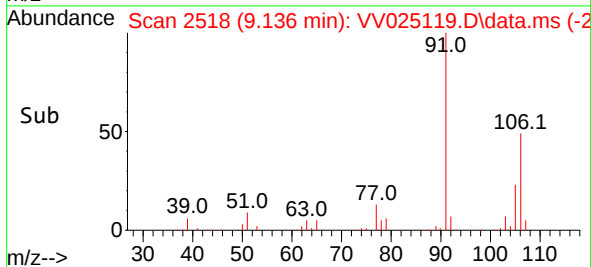
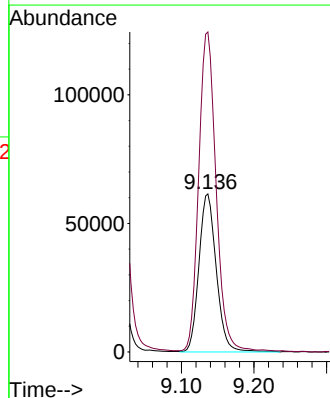
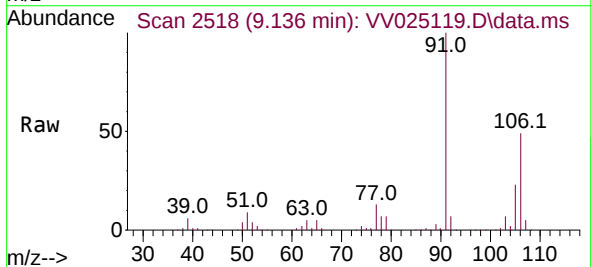
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

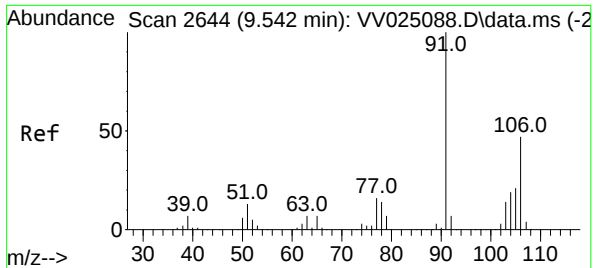
Tgt Ion: 91 Resp: 258925
Ion Ratio Lower Upper
91 100
106 30.9 21.9 40.7



#53
m,p-xylene
Concen: 5.277 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion:106 Resp: 102427
Ion Ratio Lower Upper
106 100
91 202.3 143.4 266.4

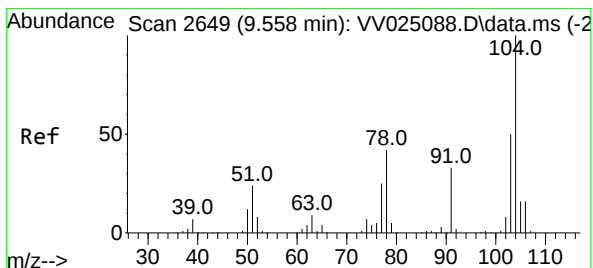
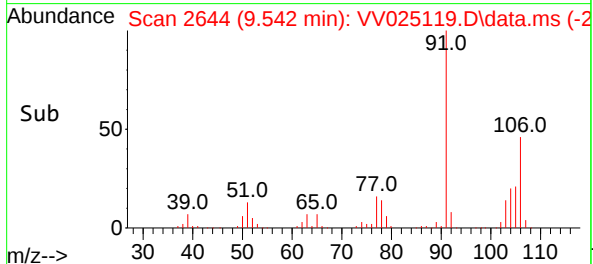
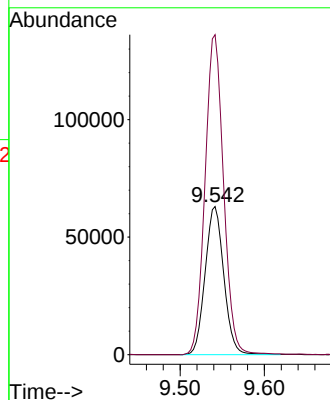
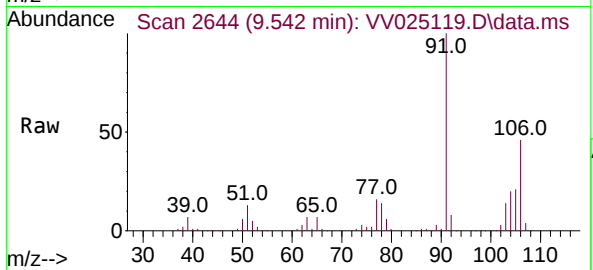




#54
o-xylene
Concen: 5.248 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

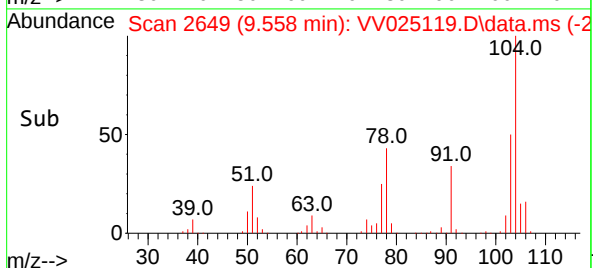
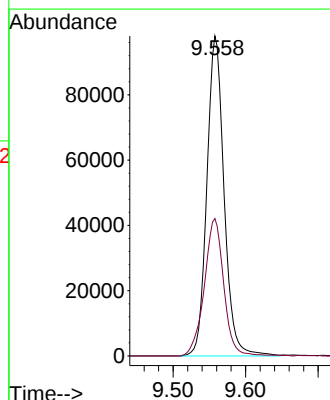
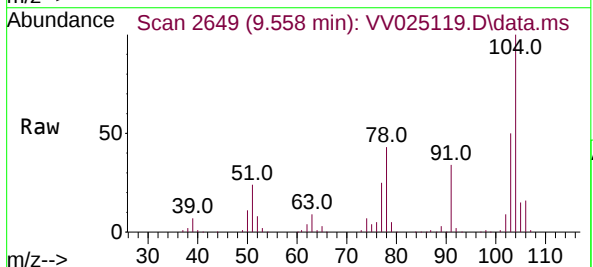
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

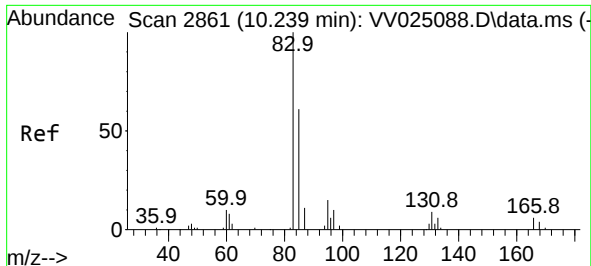
Tgt Ion:106 Resp: 97389
Ion Ratio Lower Upper
106 100
91 215.9 146.7 272.5



#55
Styrene
Concen: 5.352 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion:104 Resp: 161755
Ion Ratio Lower Upper
104 100
78 42.9 30.2 56.2

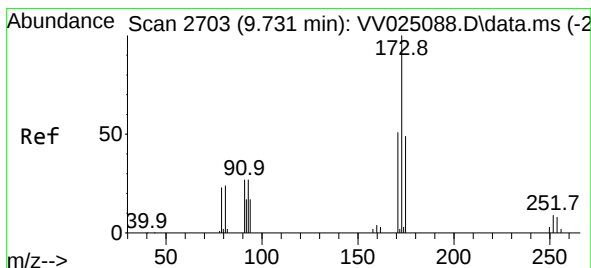
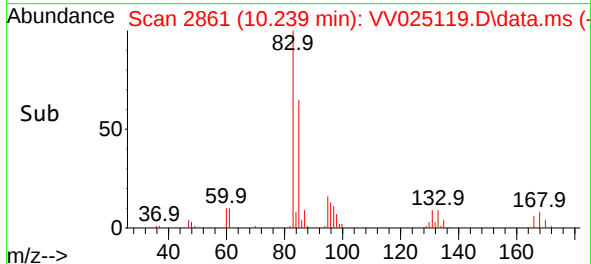
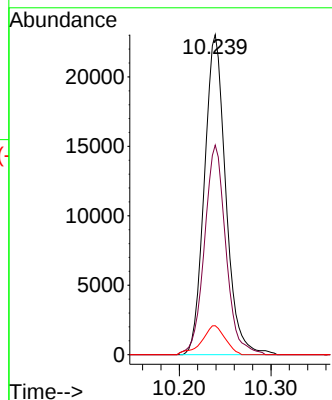
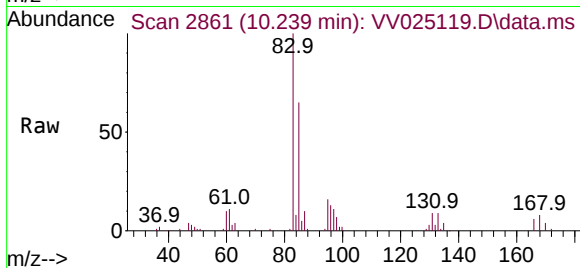




#57
1,1,2,2-Tetrachloroethane
Concen: 5.442 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

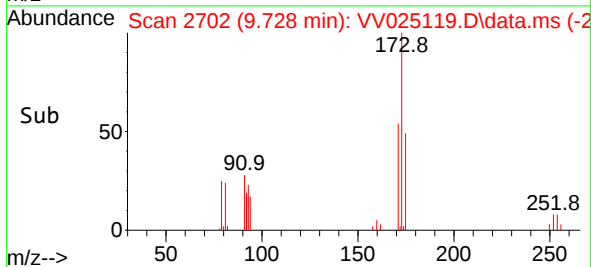
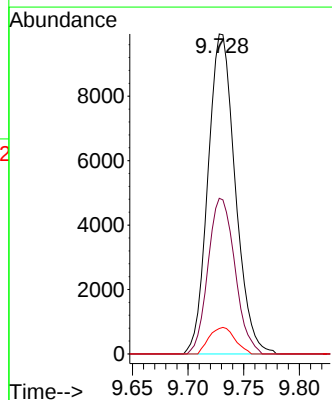
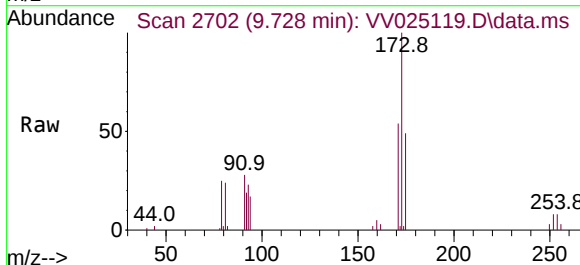
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

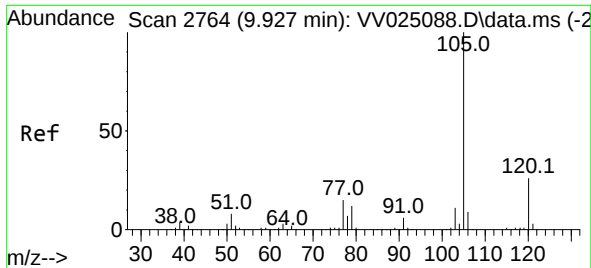
Tgt Ion: 83 Resp: 37276
Ion Ratio Lower Upper
83 100
85 65.5 43.9 81.5
131 9.0 7.5 11.3



#59
Bromoform
Concen: 4.534 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 173 Resp: 16917
Ion Ratio Lower Upper
173 100
175 47.8 37.8 56.8
254 7.8 5.8 8.6

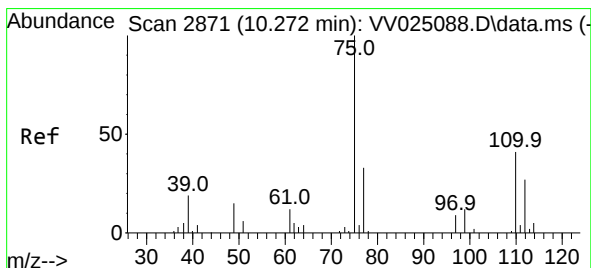
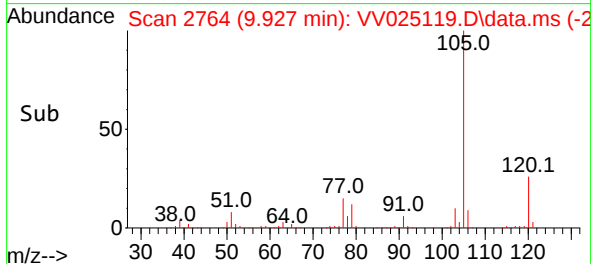
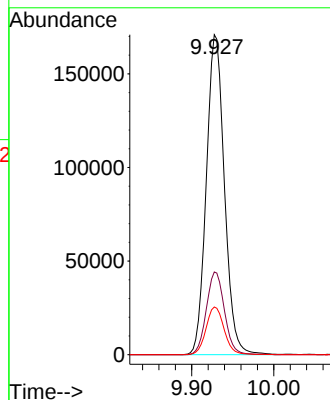
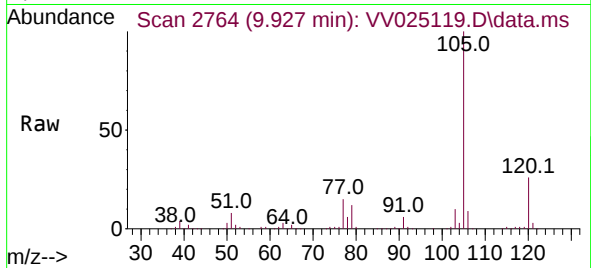




#60
Isopropylbenzene
Concen: 5.027 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

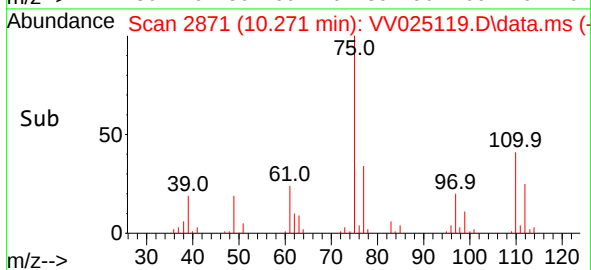
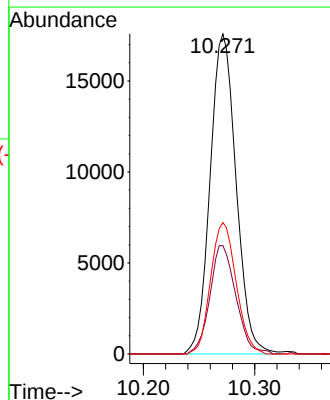
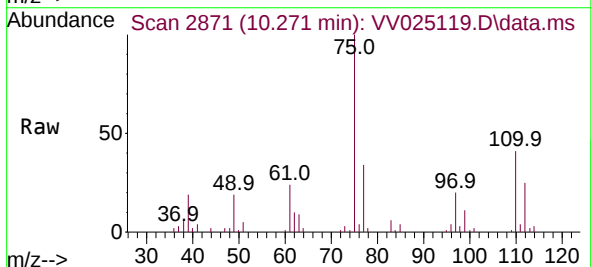
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

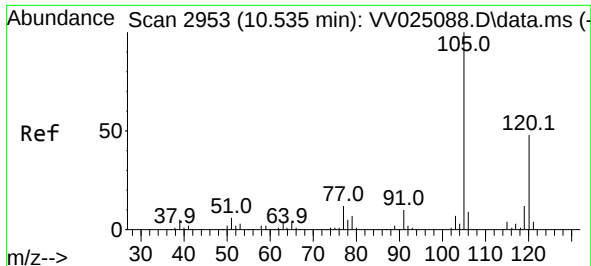
Tgt Ion:105 Resp: 262601
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.885 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 75 Resp: 28461
Ion Ratio Lower Upper
75 100
77 33.9 25.7 38.5
110 40.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.972 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV025119.D

Acq: 22 Mar 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

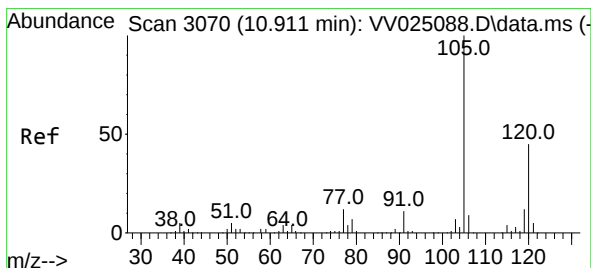
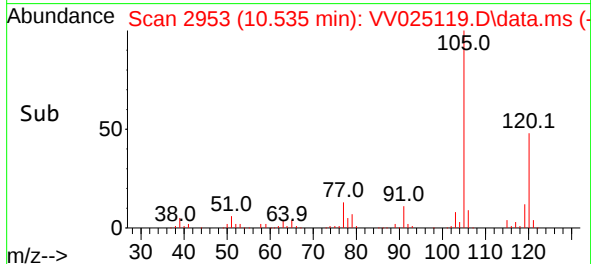
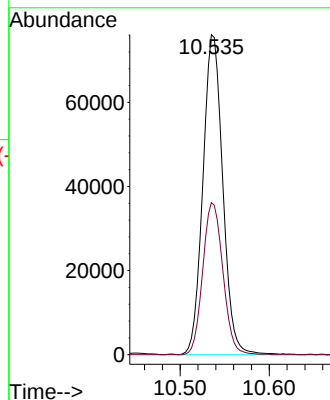
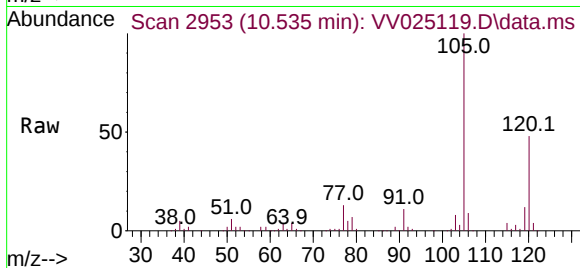
VSTD005342

Tgt Ion:105 Resp: 117867

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.123 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025119.D

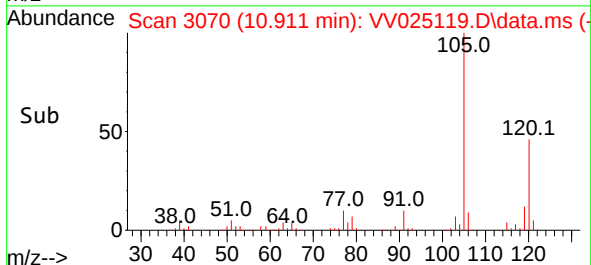
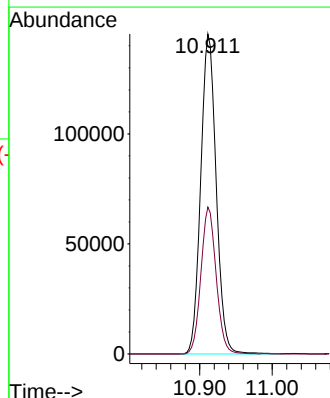
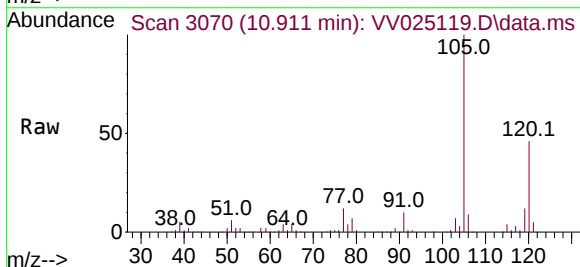
Acq: 22 Mar 2022 10:08

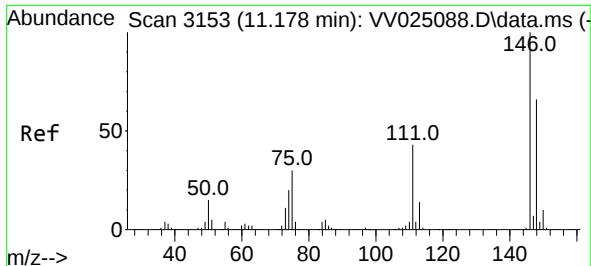
Tgt Ion:105 Resp: 215082

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.8

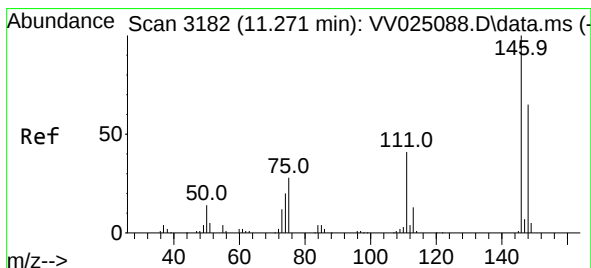
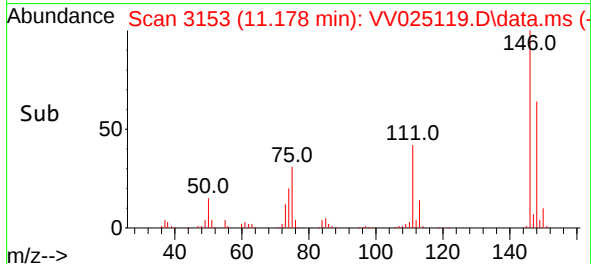
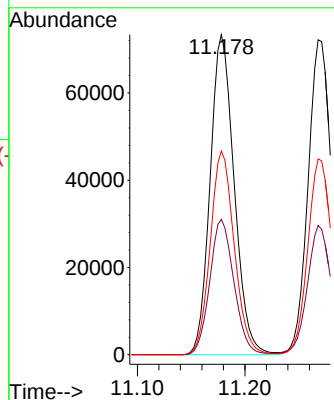
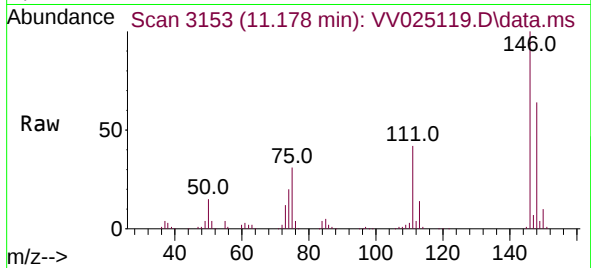




#64
1,3-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

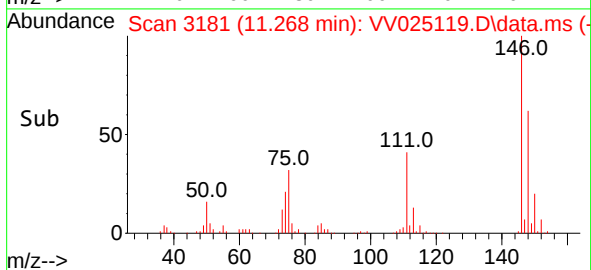
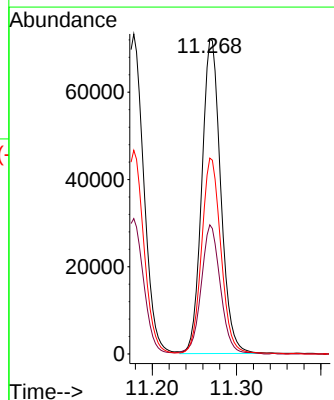
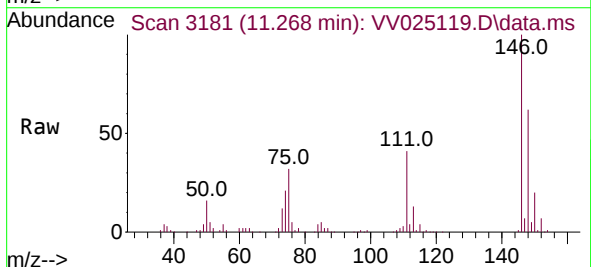
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

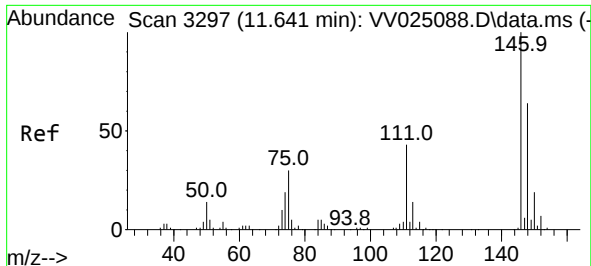
Tgt Ion:146 Resp: 113918
Ion Ratio Lower Upper
146 100
111 42.3 29.2 54.2
148 63.7 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.942 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion:146 Resp: 112884
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 62.2 43.8 81.4

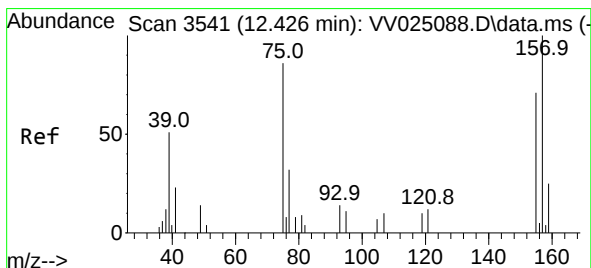
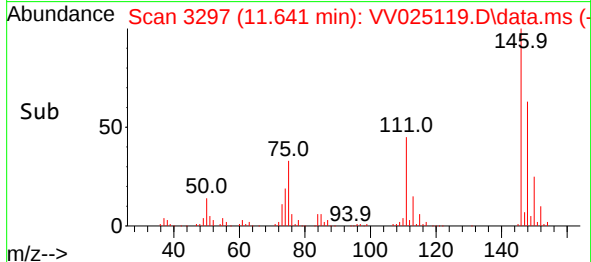
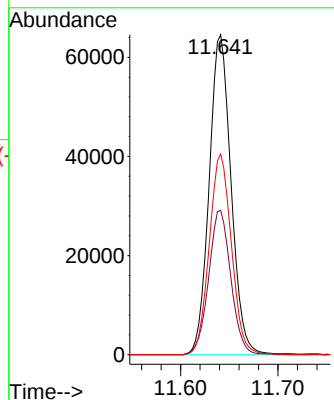
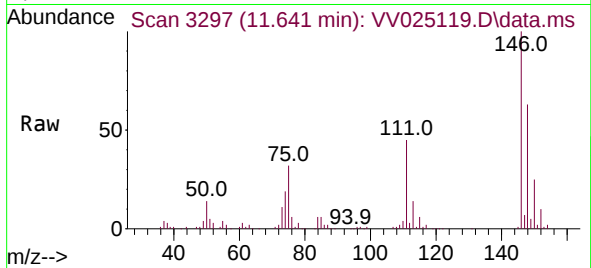




#67
1,2-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

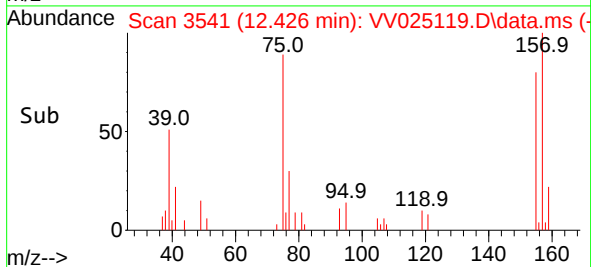
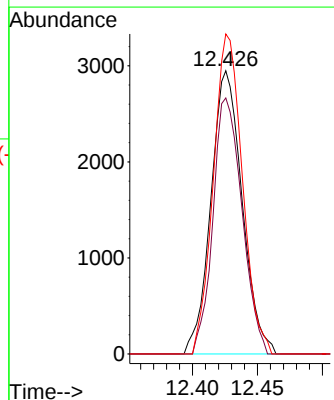
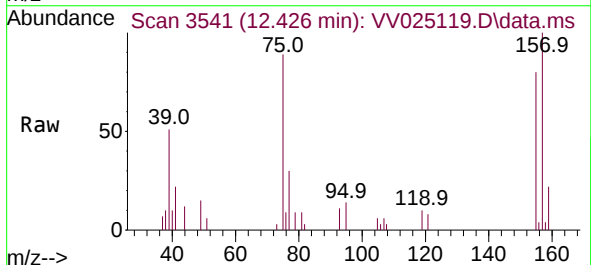
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

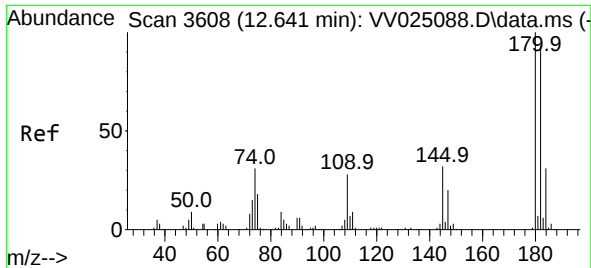
Tgt Ion:146 Resp: 100909
Ion Ratio Lower Upper
146 100
111 45.1 35.5 53.3
148 62.7 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.935 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion: 75 Resp: 4928
Ion Ratio Lower Upper
75 100
155 90.4 65.9 98.9
157 113.0 89.7 134.5

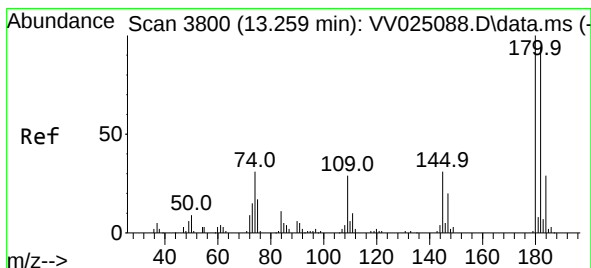
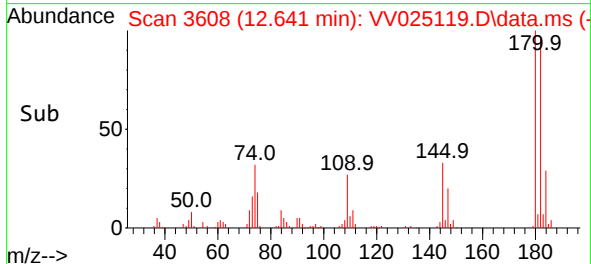
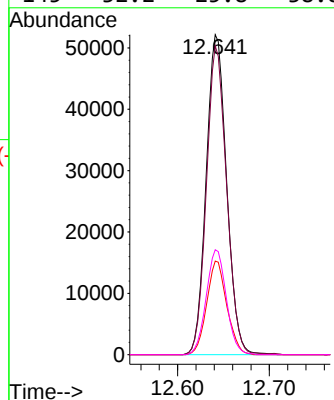
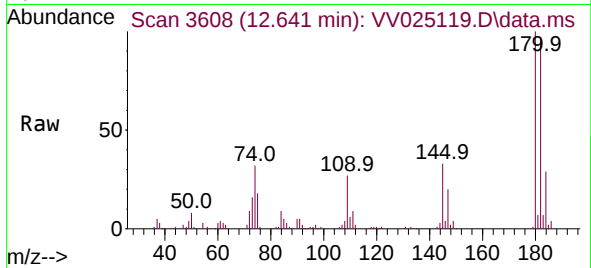




#69
 1,3,5-Trichlorobenzene
 Concen: 5.049 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

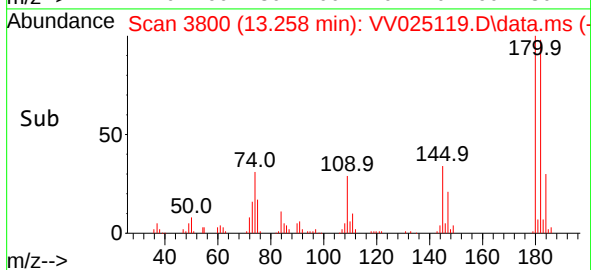
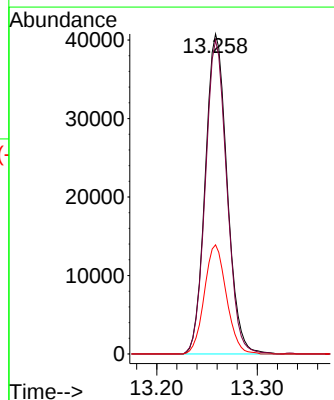
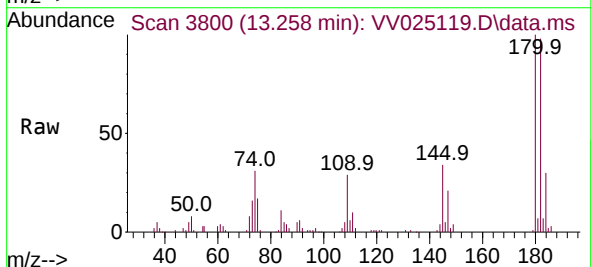
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

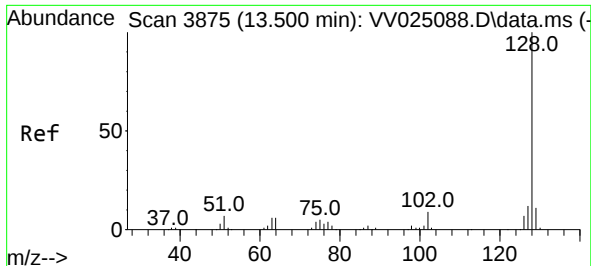
Tgt Ion:180	Resp:	80810
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.4 113.0
184	28.8	24.2 36.4
145	32.2	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.954 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025119.D
 Acq: 22 Mar 2022 10:08

Tgt Ion:180	Resp:	61780
Ion Ratio	Lower	Upper
180	100	
182	95.9	74.6 112.0
145	34.3	26.1 39.1

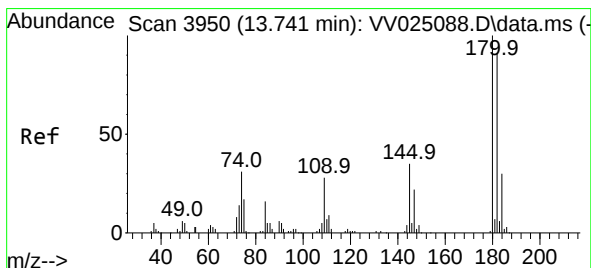
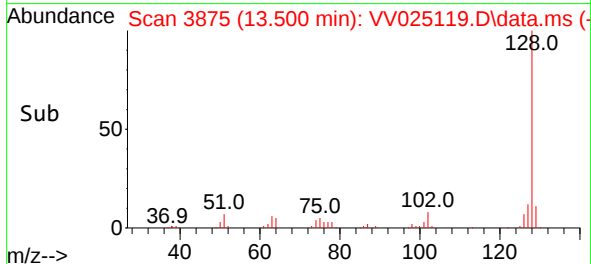
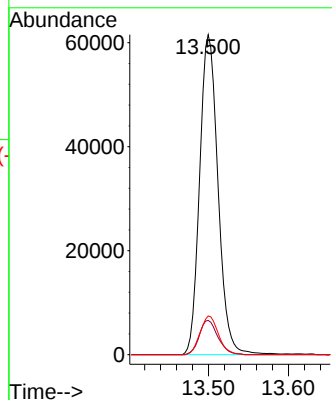
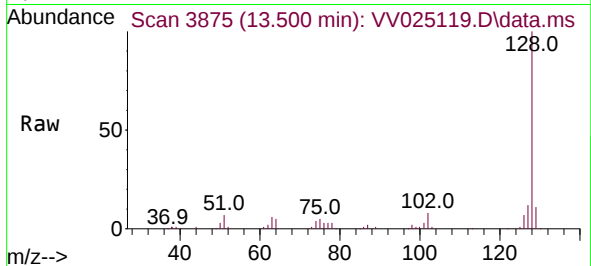




#71
Naphthalene
Concen: 4.759 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion:128 Resp: 98563
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.1 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.923 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025119.D
Acq: 22 Mar 2022 10:08

Tgt Ion:180 Resp: 52026
Ion Ratio Lower Upper
180 100
182 96.8 74.8 112.2
145 35.0 27.6 41.4

