

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025086.D
 Acq On : 17 Mar 2022 16:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Mar 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55073	4.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.568	69	42088	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.108	63	95306	5.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	3.915	46	72827	54.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.140%
24) Chloroform-d	4.352	84	92135	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	38158	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.050	84	189385	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	54492	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	174469	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.625	79	17346	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.092	63	64368	47.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32863	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	52770	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	65728	5.270	ug/L	98
3) Chloromethane	1.240	50	61278	5.209	ug/L	98
5) Vinyl chloride	1.311	62	66392	5.349	ug/L	98
6) Bromomethane	1.523	94	42032	5.240	ug/L	98
8) Chloroethane	1.584	64	40460	5.376	ug/L	98
9) Trichlorofluoromethane	1.754	101	94384	5.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	50471	5.514	ug/L	98
12) 1,1-Dichloroethene	2.118	96	50389	5.603	ug/L	96
13) Acetone	2.204	43	56654	62.893	ug/L	64
14) Carbon disulfide	2.294	76	165686	5.149	ug/L	99
15) Methyl Acetate	2.449	43	15564	6.306	ug/L	93
16) Methylene chloride	2.507	84	60082	5.514	ug/L	98
17) Methyl tert-butyl Ether	2.774	73	106851	5.455	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	59592	5.506	ug/L	96
19) 1,1-Dichloroethane	3.192	63	103972	5.645	ug/L	98
21) 2-Butanone	3.995	43	87366	61.450	ug/L #	75
22) cis-1,2-Dichloroethene	3.915	96	61507	5.629	ug/L	96
23) Bromochloromethane	4.253	128	24634	5.718	ug/L	97
25) Chloroform	4.378	83	111643	5.821	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025086.D
 Acq On : 17 Mar 2022 16:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Mar 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

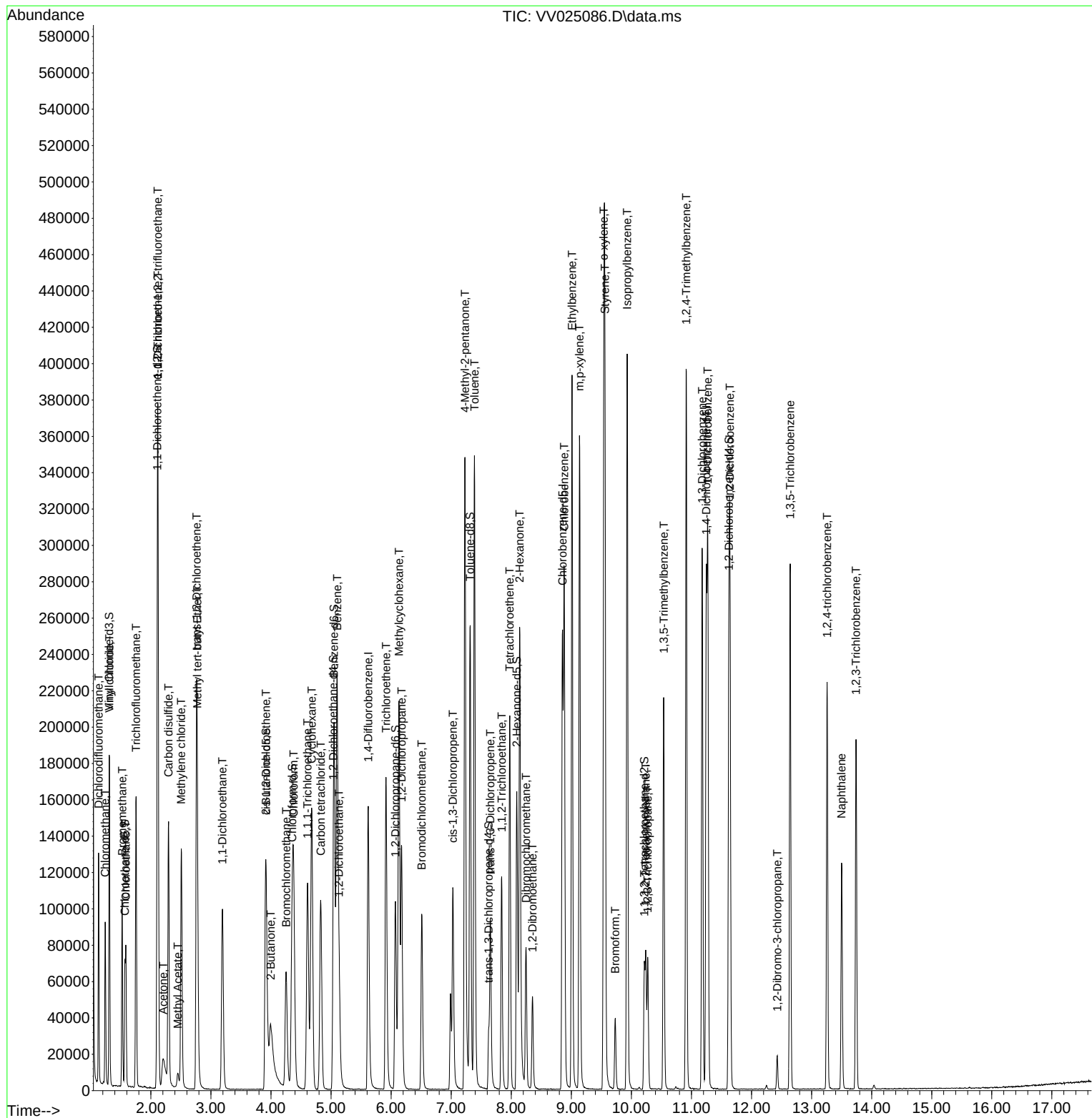
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	54659	5.732	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	94597	5.462	ug/L	99
30) Cyclohexane	4.677	56	82944	4.922	ug/L	99
31) Carbon tetrachloride	4.828	117	81090	5.457	ug/L	100
33) Benzene	5.101	78	240888	5.453	ug/L	100
34) Trichloroethene	5.915	95	64417	5.477	ug/L	99
35) Methylcyclohexane	6.130	83	92495	4.968	ug/L	97
37) 1,2-Dichloropropane	6.175	63	59142	5.826	ug/L	100
38) Bromodichloromethane	6.510	83	70030	5.455	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	74134	5.260	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	235032	56.267	ug/L	97
42) Toluene	7.387	91	260306	5.631	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	58352	5.261	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	37753	5.568	ug/L	97
47) Tetrachloroethene	7.976	164	44970	5.435	ug/L	98
48) 2-Hexanone	8.140	43	163551	55.229	ug/L	98
49) Dibromochloromethane	8.246	129	40641	5.355	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34988	5.639	ug/L	96
51) Chlorobenzene	8.883	112	158845	5.487	ug/L	99
52) Ethylbenzene	9.011	91	274563	5.614	ug/L	99
53) m,p-xylene	9.137	106	106426	5.651	ug/L	99
54) o-xylene	9.542	106	101304	5.625	ug/L	98
55) Styrene	9.561	104	170651	5.818	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37465	5.636	ug/L	97
59) Bromoform	9.731	173	17020	4.700	ug/L	96
60) Isopropylbenzene	9.931	105	270674	5.338	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29278	5.178	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	118069	5.132	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216867	5.322	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118989	5.410	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118044	5.324	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105257	5.401	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4863	5.017	ug/L	92
69) 1,3,5-Trichlorobenzene	12.645	180	84576	5.444	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64453	5.325	ug/L	99
71) Naphthalene	13.500	128	98881	4.919	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53957	5.261	ug/L	97

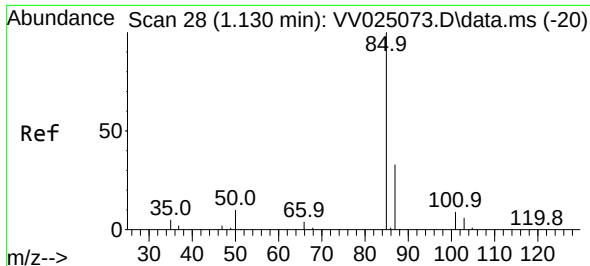
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031722\
 Data File : VV025086.D
 Acq On : 17 Mar 2022 16:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Mar 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

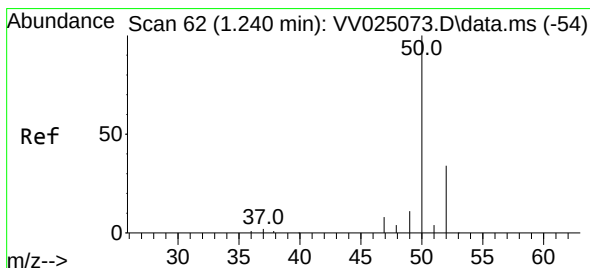
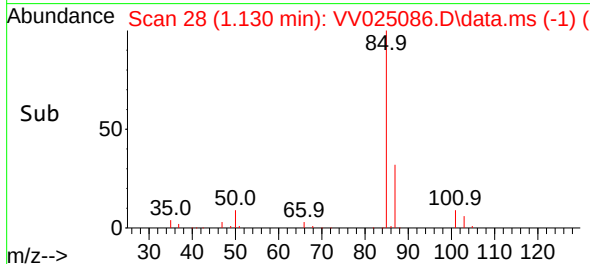
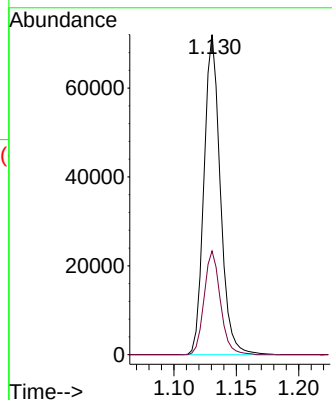
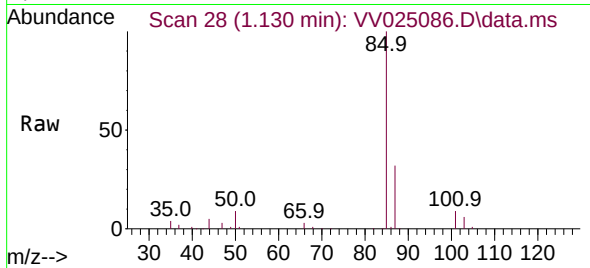




#2
 Dichlorodifluoromethane
 Concen: 5.270 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

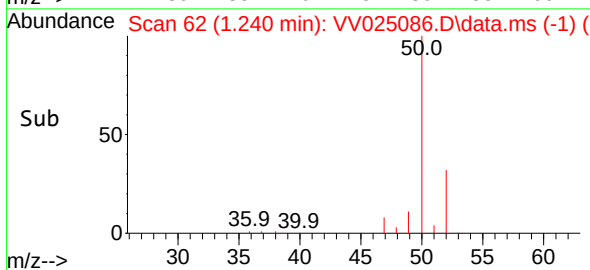
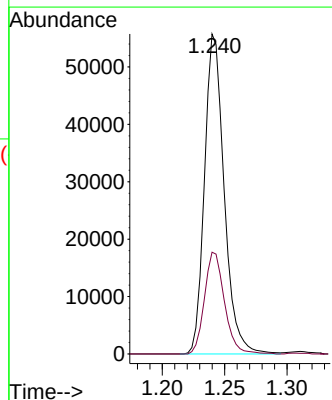
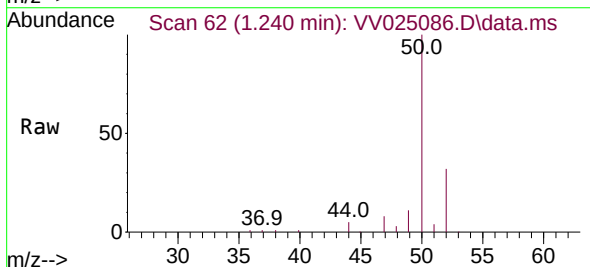
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

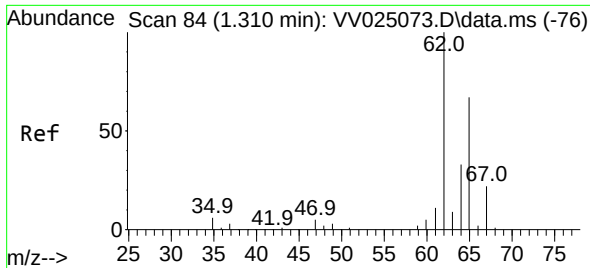
Tgt Ion: 85 Resp: 65728
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 5.209 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 50 Resp: 61278
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.2 43.2

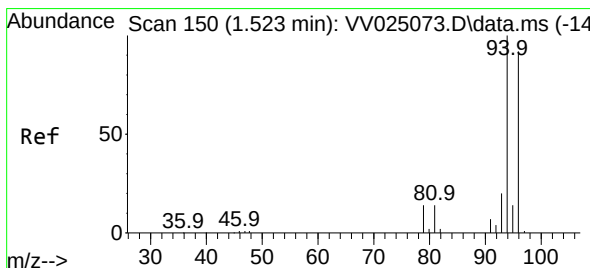
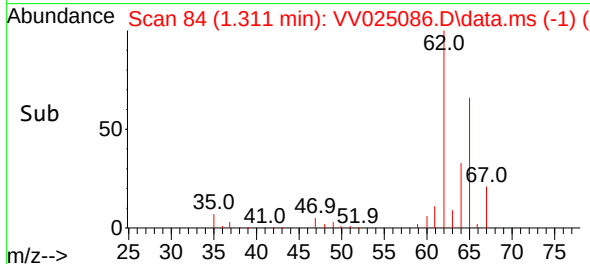
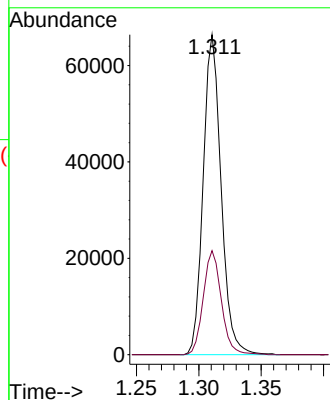
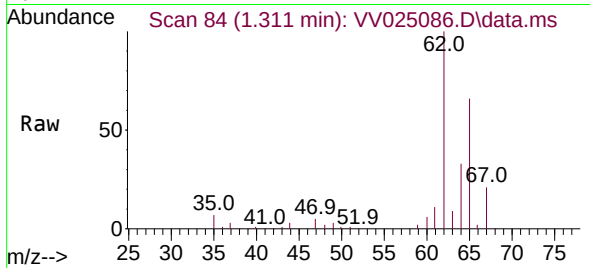




#5
 Vinyl chloride
 Concen: 5.349 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

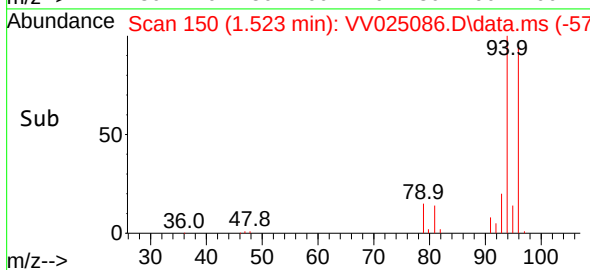
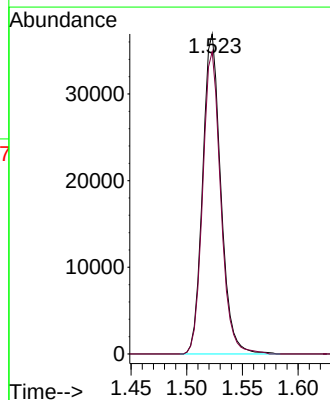
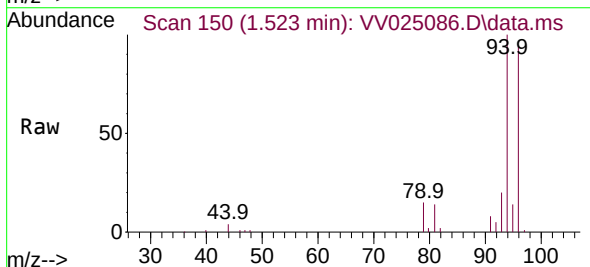
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

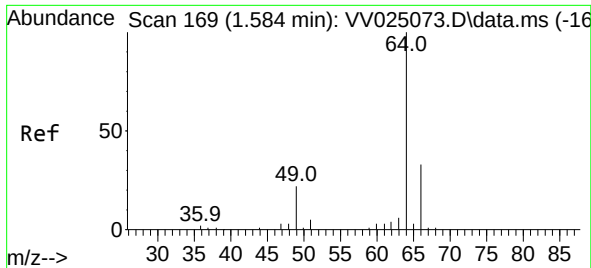
Tgt Ion: 62 Resp: 66392
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 5.240 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 94 Resp: 42032
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.9 120.5

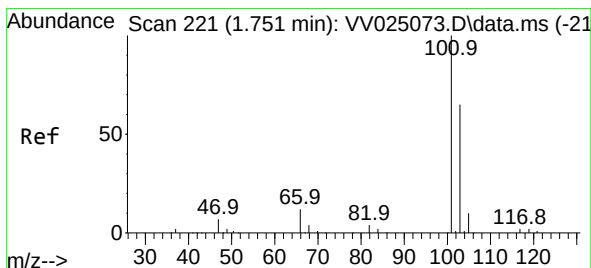
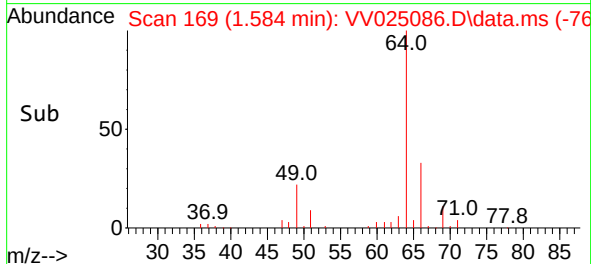
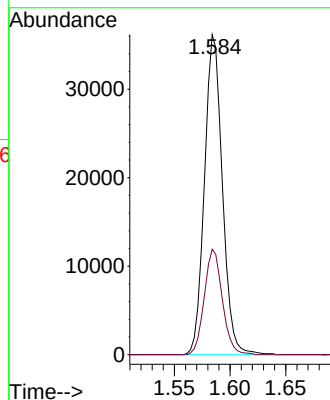
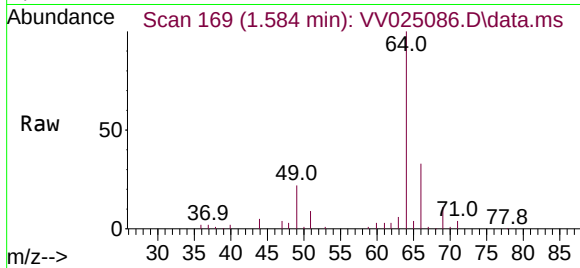




#8
Chloroethane
Concen: 5.376 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

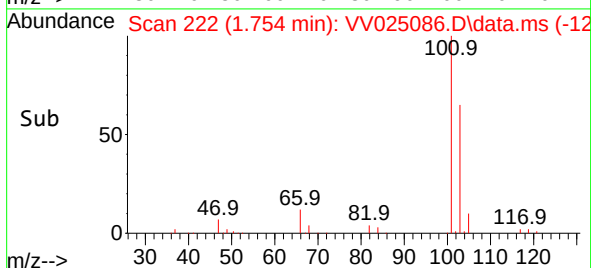
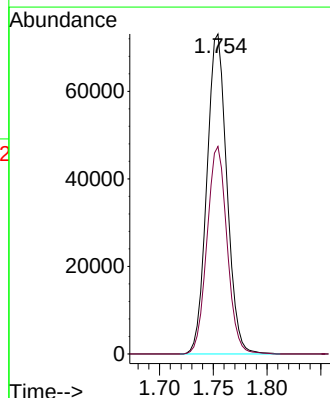
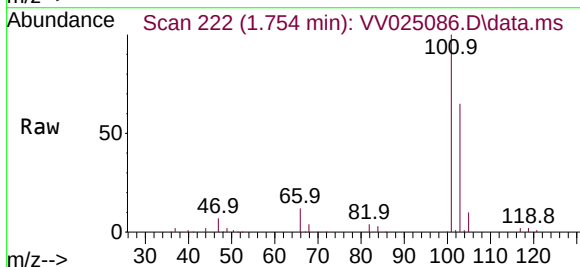
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

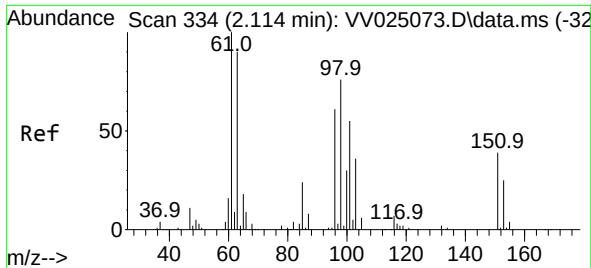
Tgt Ion: 64 Resp: 40460
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.591 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:101 Resp: 94384
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

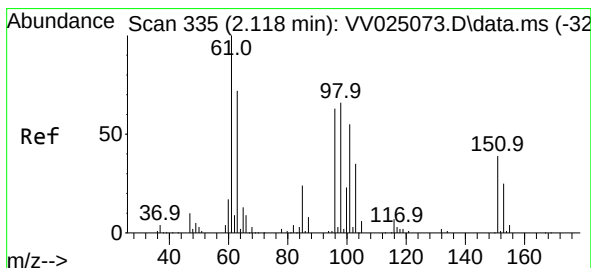
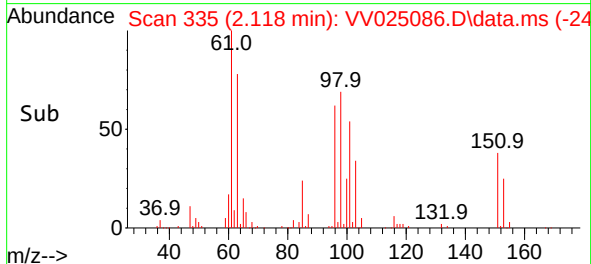
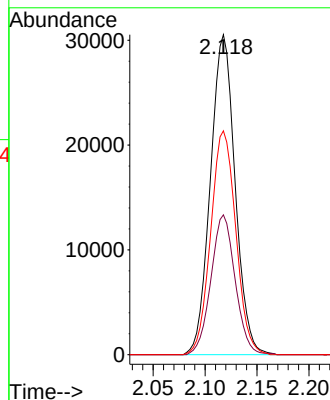
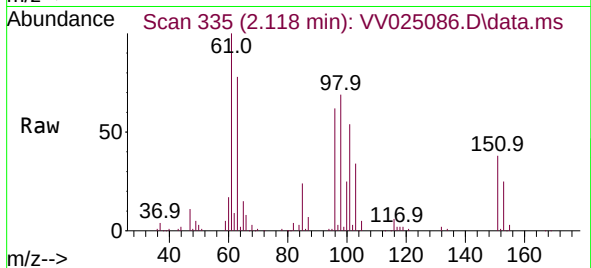




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.514 ug/L
RT: 2.118 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

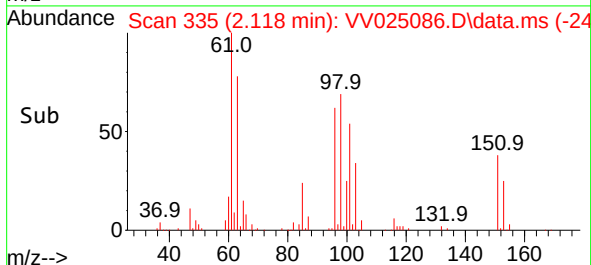
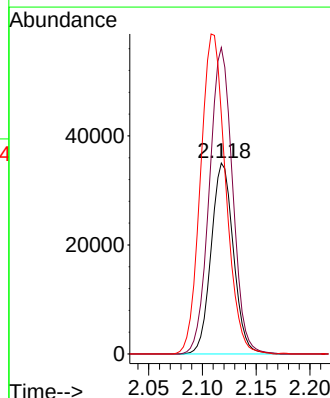
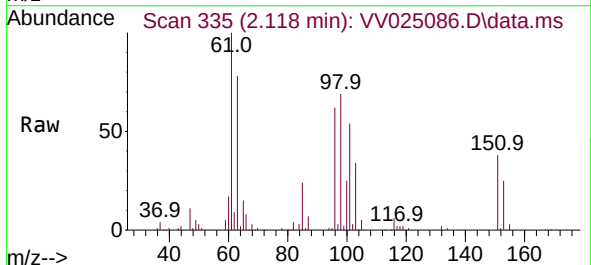
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

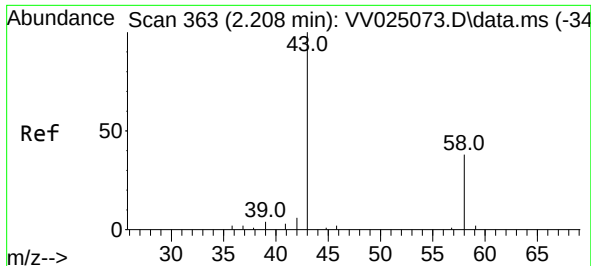
Tgt Ion:101 Resp: 50471
Ion Ratio Lower Upper
101 100
85 42.9 34.8 52.2
151 71.2 55.6 83.4



#12
1,1-Dichloroethene
Concen: 5.603 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 96 Resp: 50389
Ion Ratio Lower Upper
96 100
61 160.5 113.0 209.9
63 125.4 82.1 152.5





#13

Acetone

Concen: 62.893 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

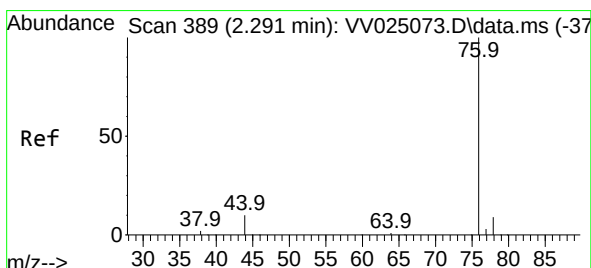
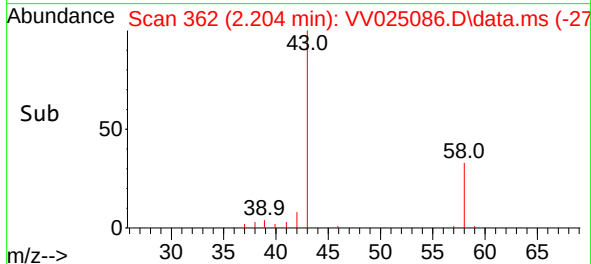
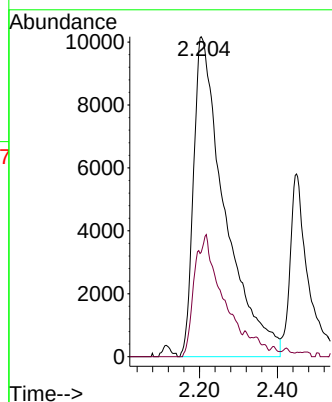
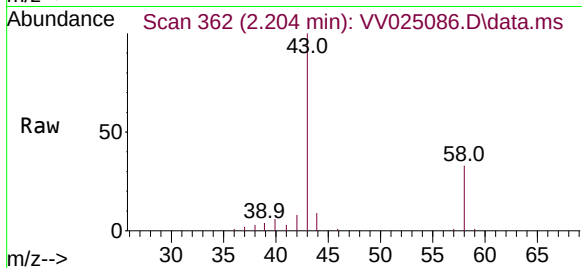
VSTD005337

Tgt Ion: 43 Resp: 56654

Ion Ratio Lower Upper

43 100

58 8.4 0.0 54.2



#14

Carbon disulfide

Concen: 5.149 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025086.D

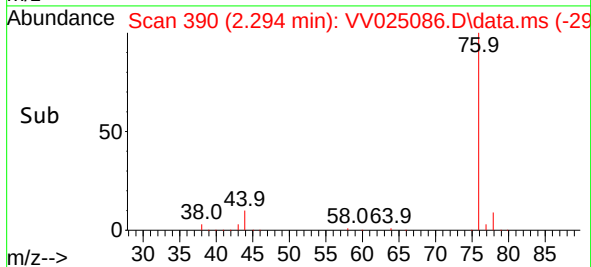
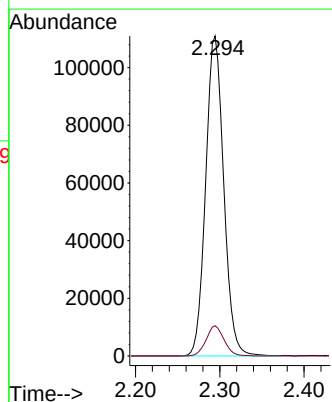
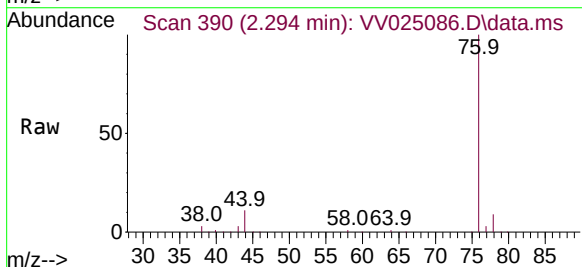
Acq: 17 Mar 2022 16:43

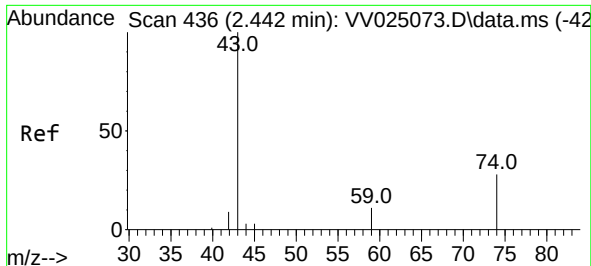
Tgt Ion: 76 Resp: 165686

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 6.306 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

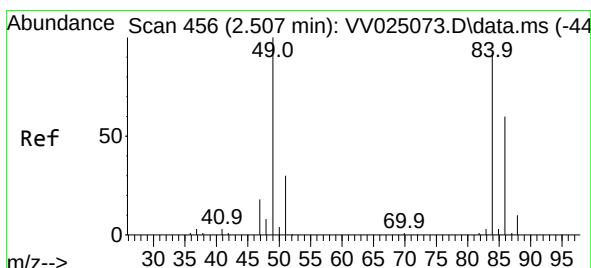
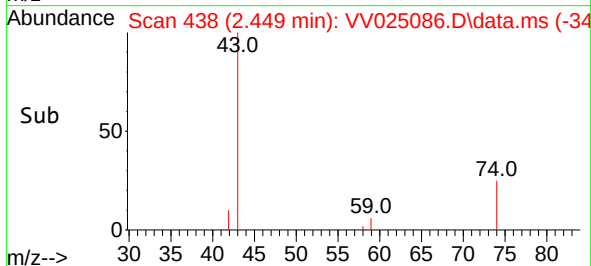
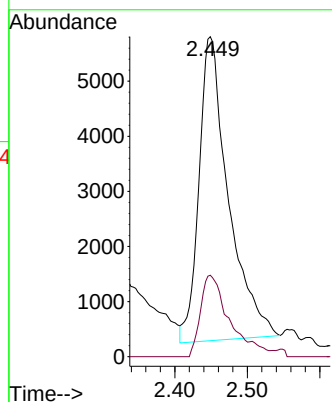
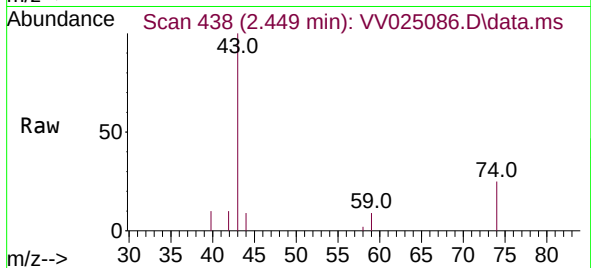
VSTD005337

Tgt Ion: 43 Resp: 15564

Ion Ratio Lower Upper

43 100

74 26.6 24.2 36.4



#16

Methylene chloride

Concen: 5.514 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

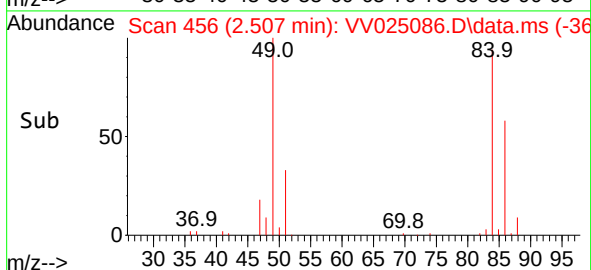
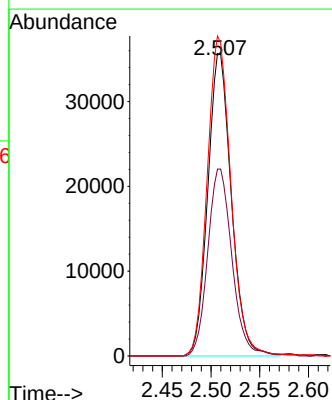
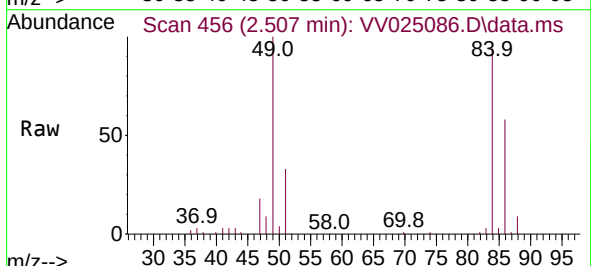
Tgt Ion: 84 Resp: 60082

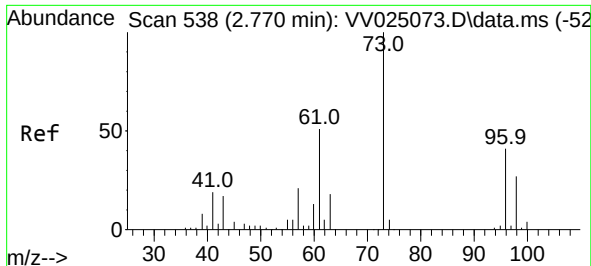
Ion Ratio Lower Upper

84 100

86 61.8 45.5 84.5

49 105.8 75.0 139.2

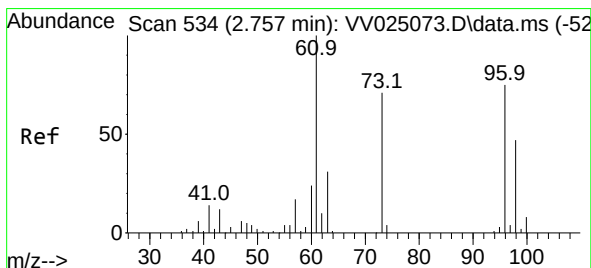
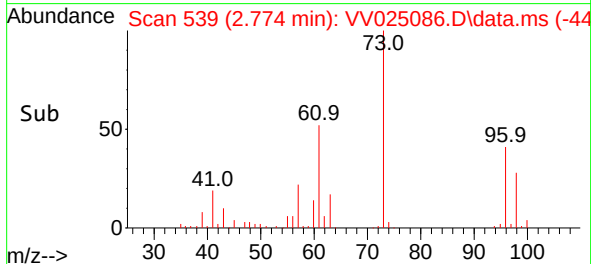
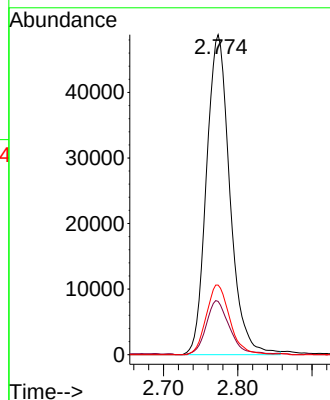
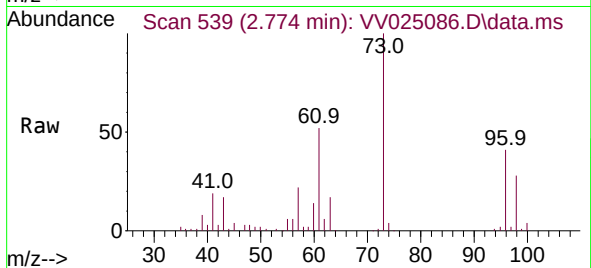




#17
Methyl tert-butyl Ether
Concen: 5.455 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

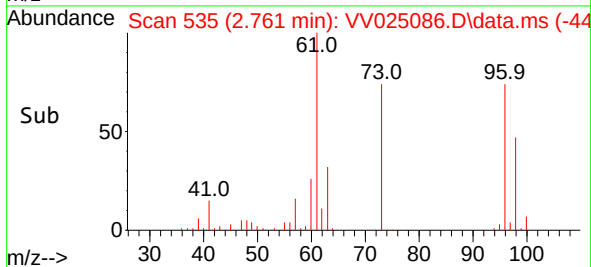
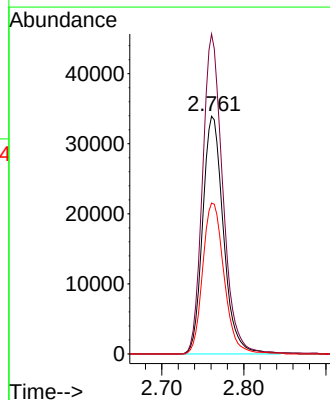
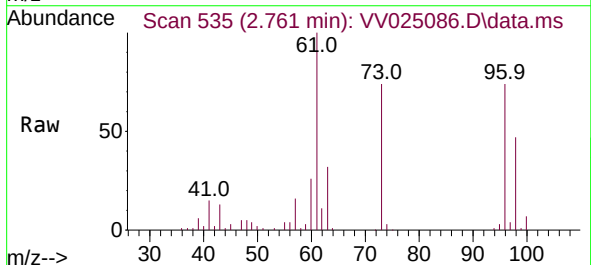
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

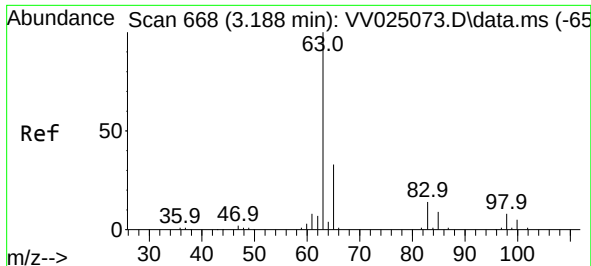
Tgt Ion: 73 Resp: 106851
Ion Ratio Lower Upper
73 100
43 17.0 13.2 19.8
57 21.9 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.506 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 96 Resp: 59592
Ion Ratio Lower Upper
96 100
61 134.6 89.2 165.6
98 63.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.645 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

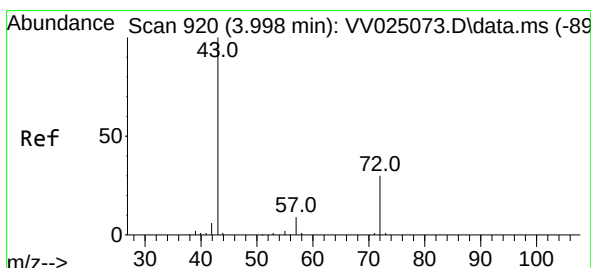
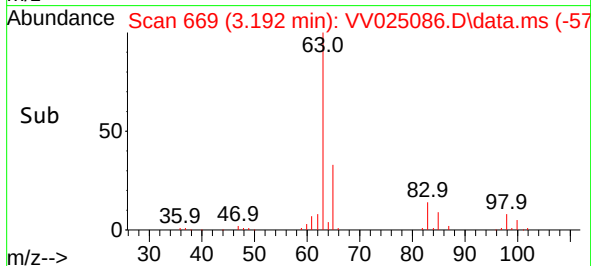
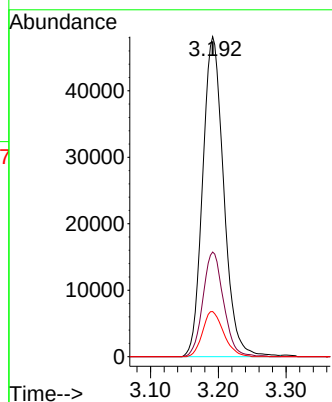
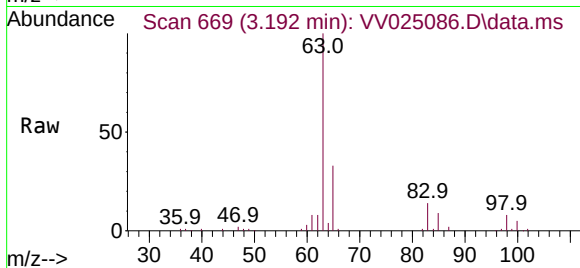
Tgt Ion: 63 Resp: 103972

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 14.1 9.4 17.4



#21

2-Butanone

Concen: 61.450 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.003 min

Lab File: VV025086.D

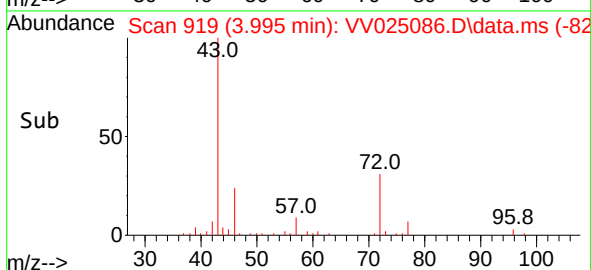
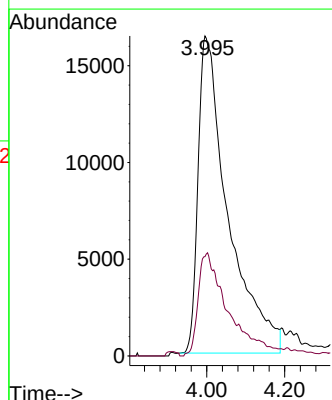
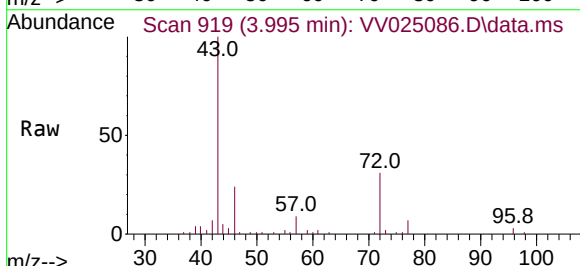
Acq: 17 Mar 2022 16:43

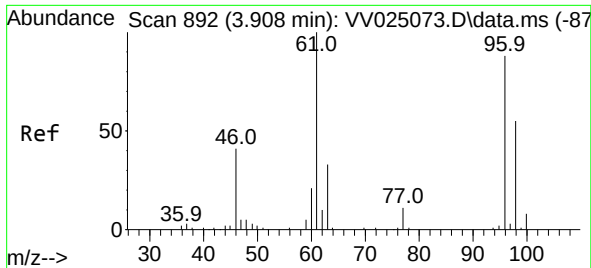
Tgt Ion: 43 Resp: 87366

Ion Ratio Lower Upper

43 100

72 32.5 10.4 31.2#

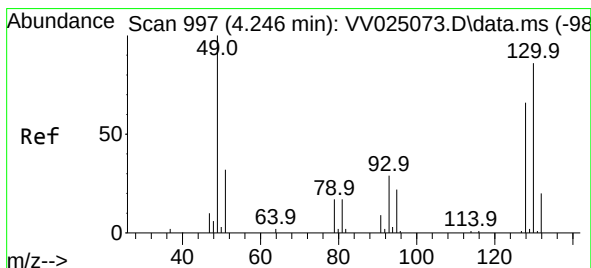
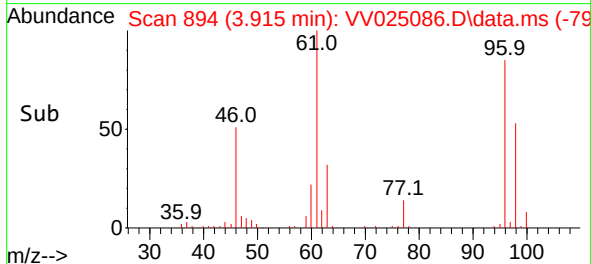
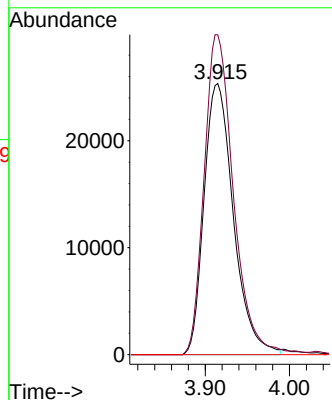
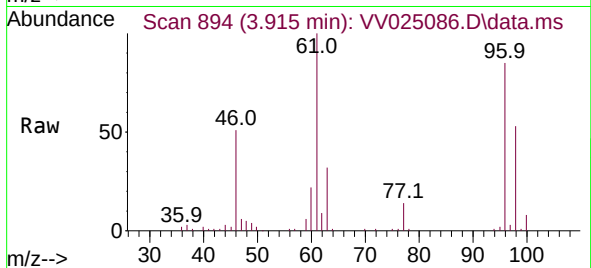




#22
 cis-1,2-Dichloroethene
 Concen: 5.629 ug/L
 RT: 3.915 min Scan# 892
 Delta R.T. 0.007 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

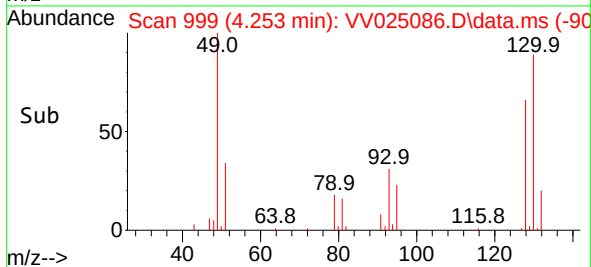
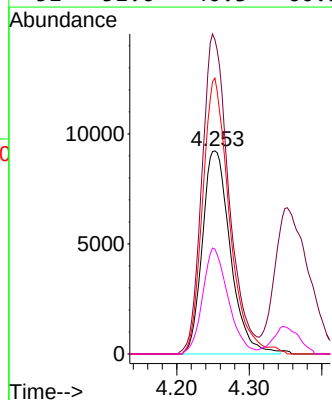
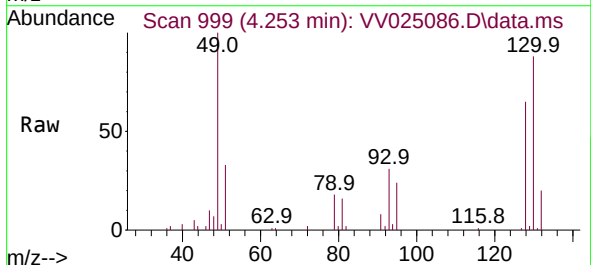
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

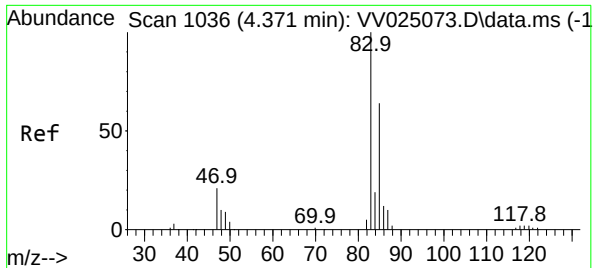
Tgt Ion: 96 Resp: 61507
 Ion Ratio Lower Upper
 96 100
 61 118.0 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.718 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 128 Resp: 24634
 Ion Ratio Lower Upper
 128 100
 49 154.7 107.5 199.7
 130 135.8 89.4 166.0
 51 51.6 40.3 60.5

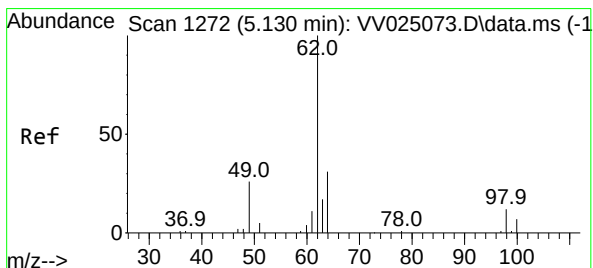
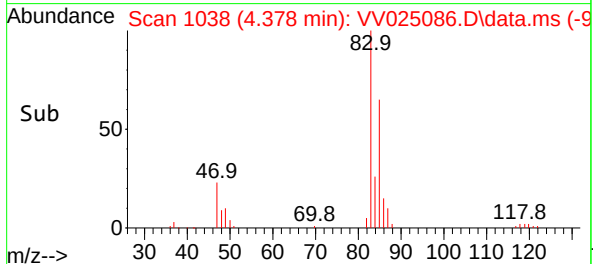
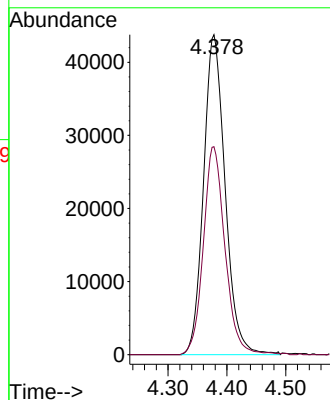
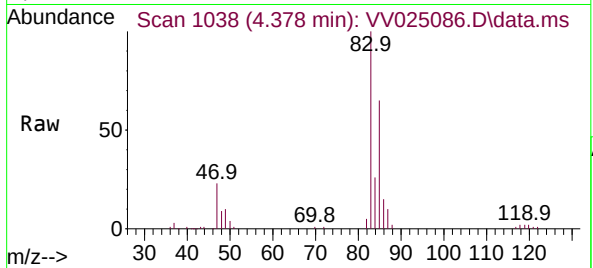




#25
Chloroform
Concen: 5.821 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

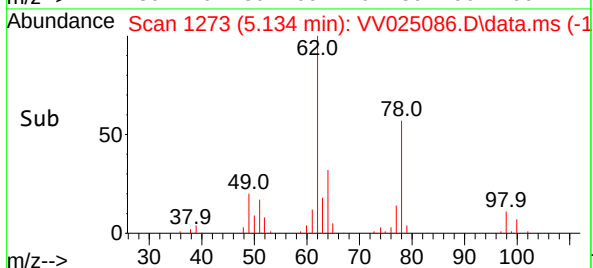
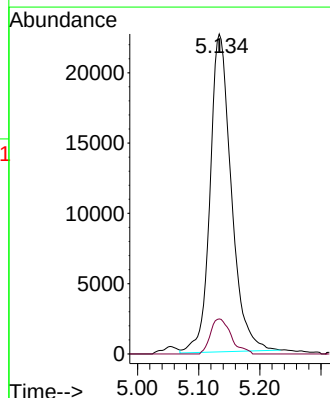
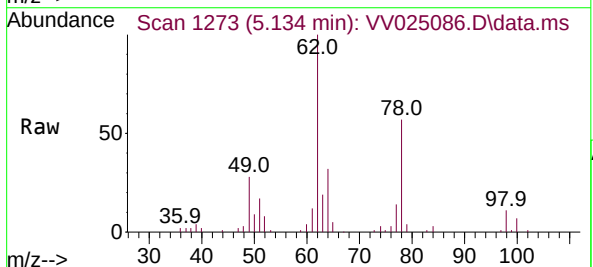
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

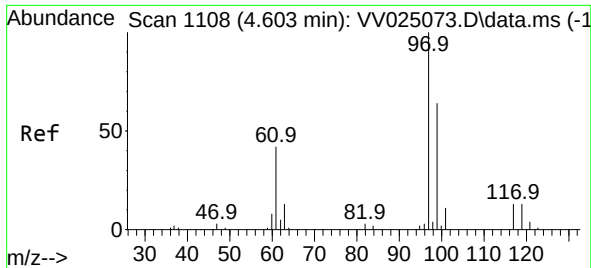
Tgt Ion: 83 Resp: 111643
Ion Ratio Lower Upper
83 100
85 65.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.732 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 62 Resp: 54659
Ion Ratio Lower Upper
62 100
98 11.0 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.462 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

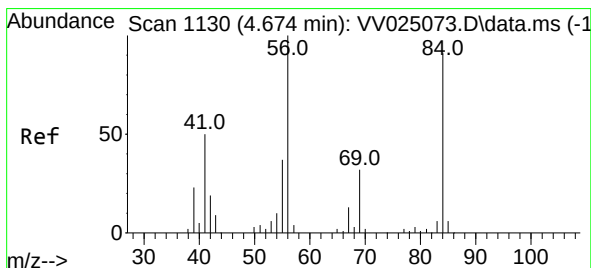
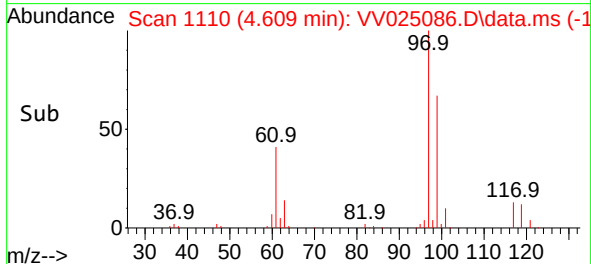
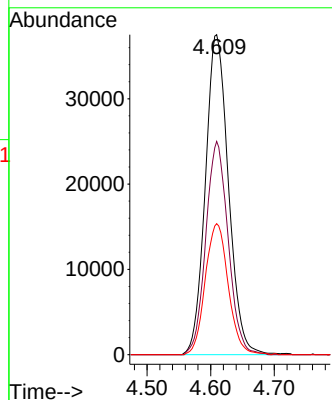
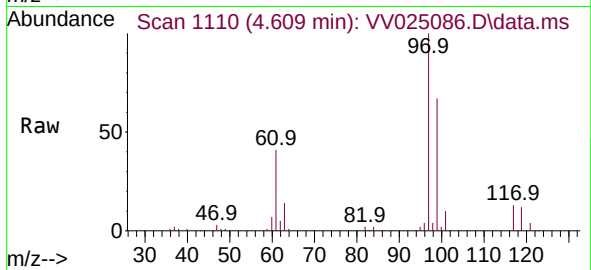
Tgt Ion: 97 Resp: 94597

Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 40.9 32.4 48.6



#30

Cyclohexane

Concen: 4.922 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

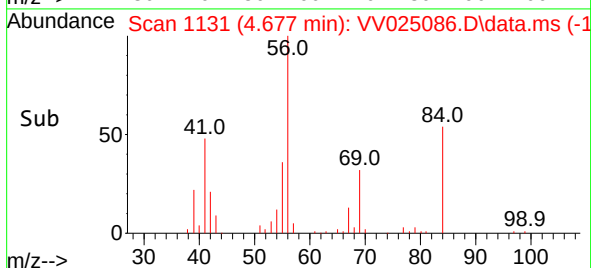
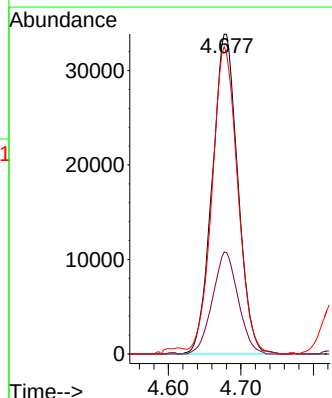
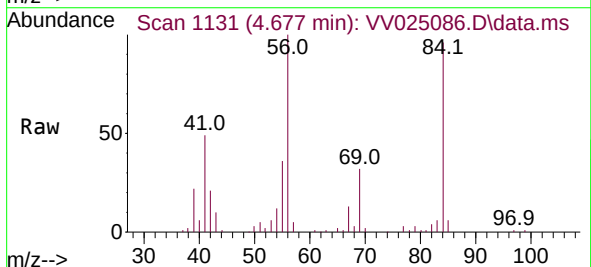
Tgt Ion: 56 Resp: 82944

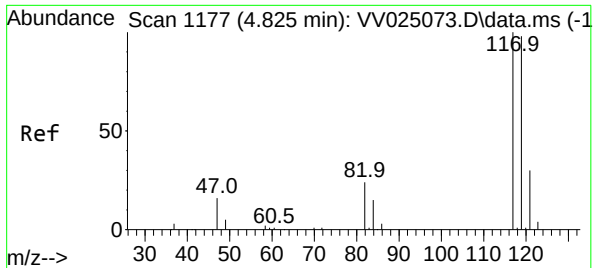
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 96.3 75.9 113.9

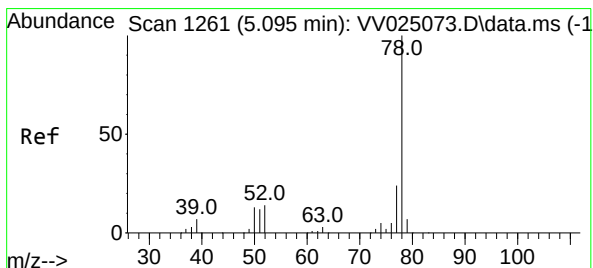
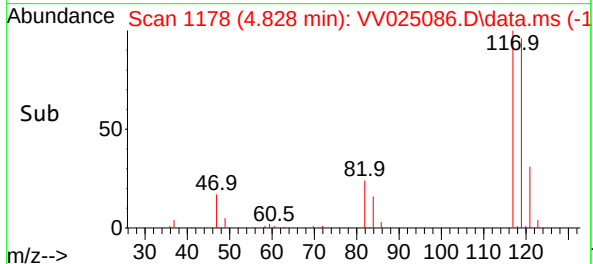
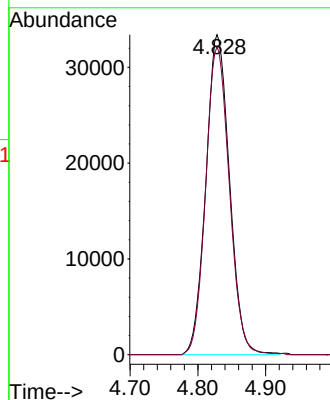
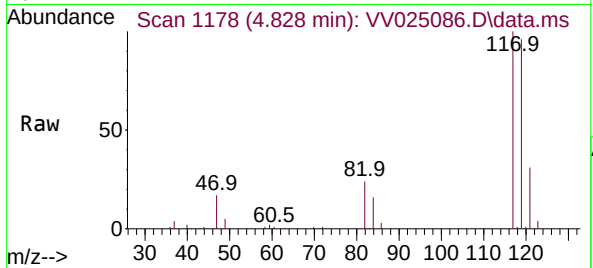




#31
Carbon tetrachloride
Concen: 5.457 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

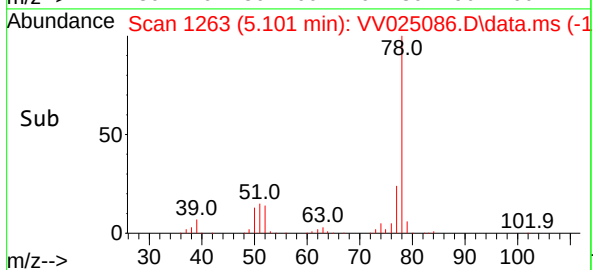
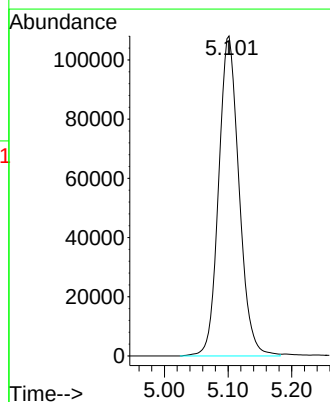
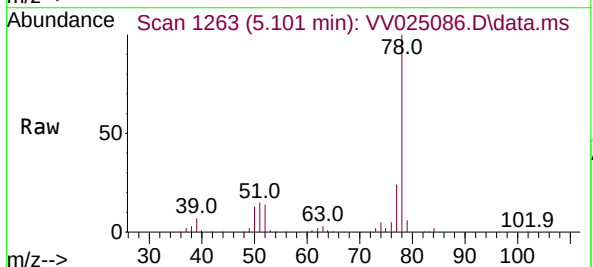
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

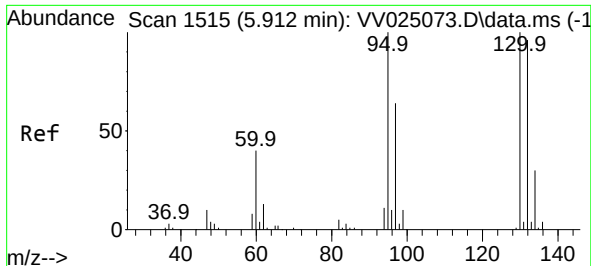
Tgt Ion:117 Resp: 81090
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 5.453 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 78 Resp: 240888

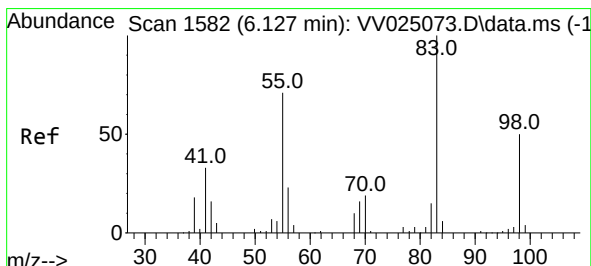
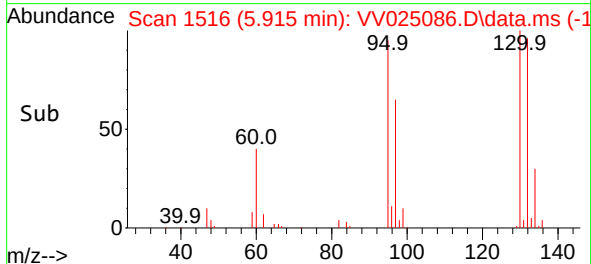
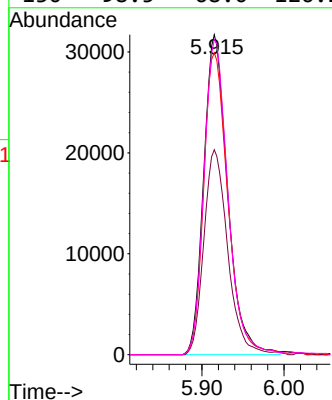
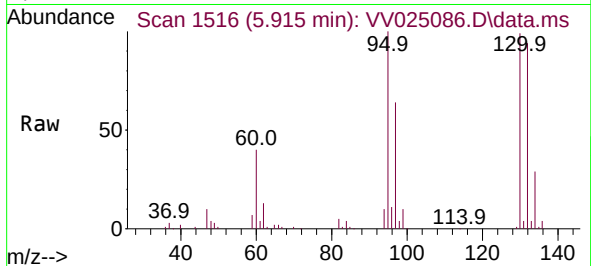




#34
Trichloroethene
Concen: 5.477 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

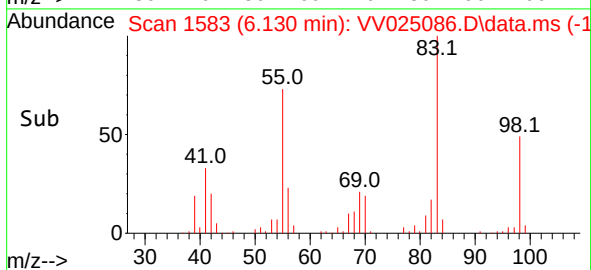
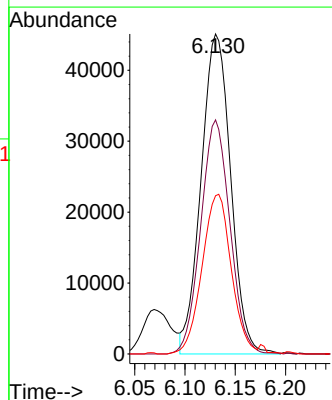
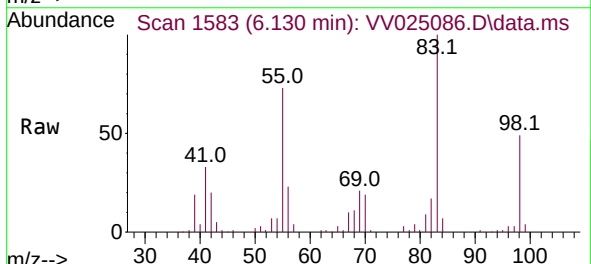
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

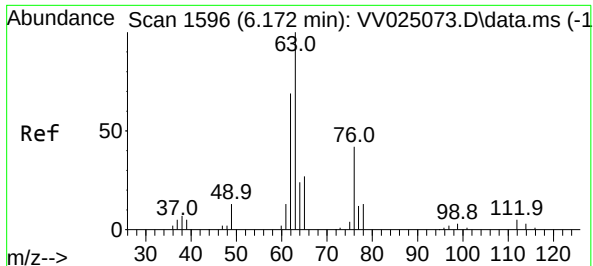
Tgt Ion: 95 Resp: 64417
Ion Ratio Lower Upper
95 100
97 64.1 44.5 82.7
132 94.4 66.5 123.5
130 98.5 68.0 126.2



#35
Methylcyclohexane
Concen: 4.968 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 83 Resp: 92495
Ion Ratio Lower Upper
83 100
55 72.2 55.4 83.0
98 49.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.826 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

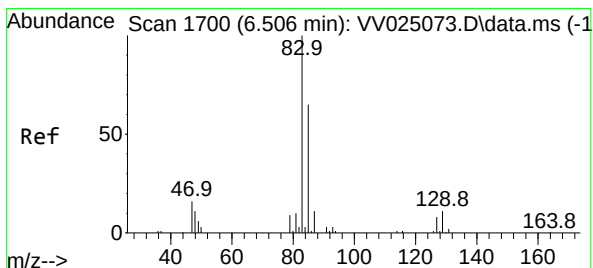
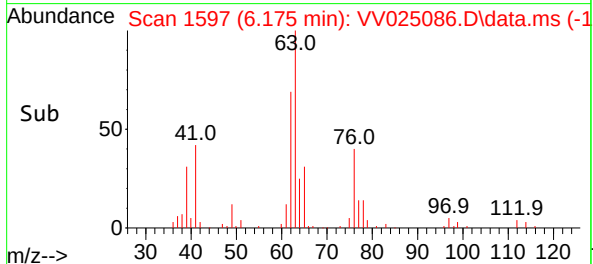
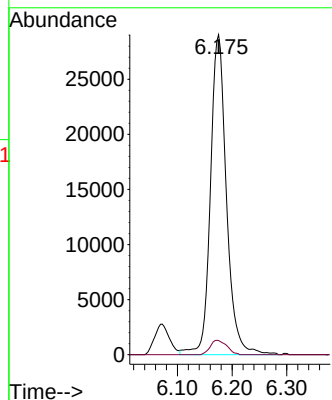
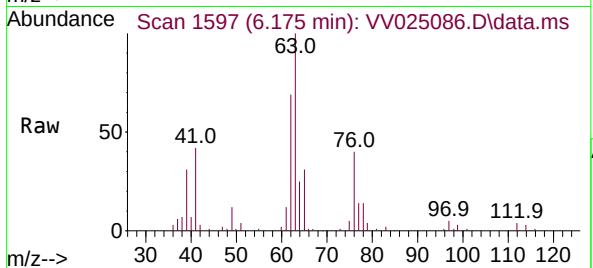
VSTD005337

Tgt Ion: 63 Resp: 59142

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.455 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

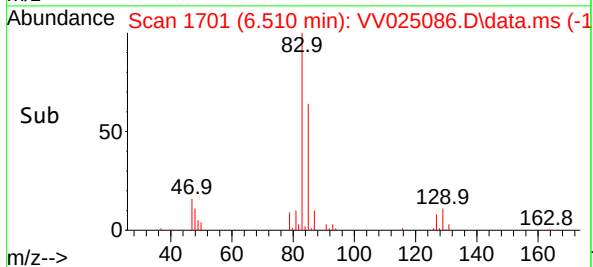
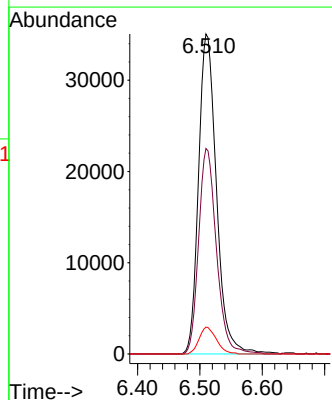
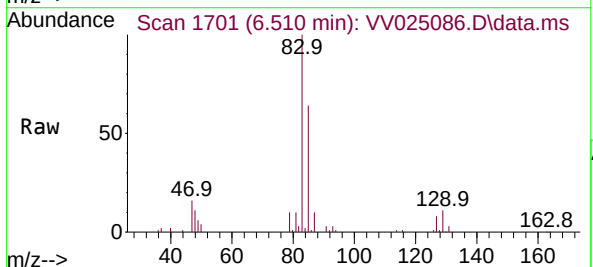
Tgt Ion: 83 Resp: 70030

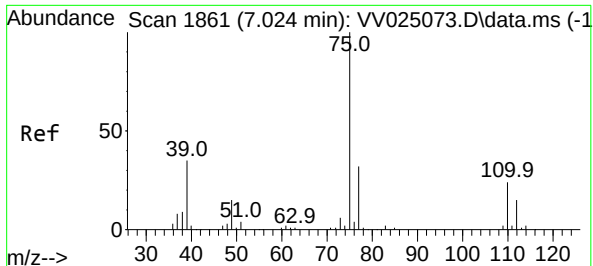
Ion Ratio Lower Upper

83 100

85 64.2 44.8 83.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.260 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

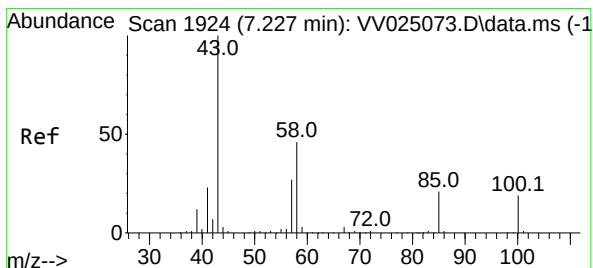
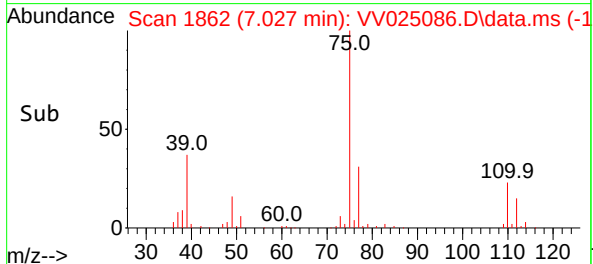
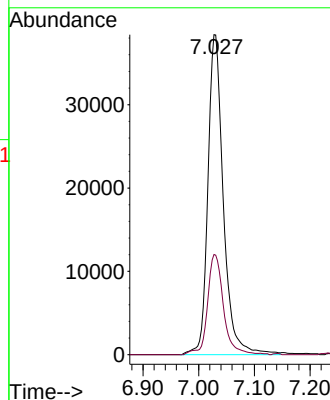
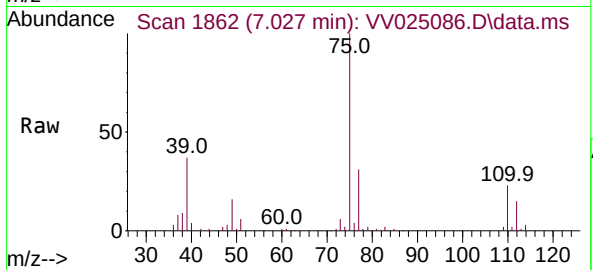
VSTD005337

Tgt Ion: 75 Resp: 74134

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 56.267 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

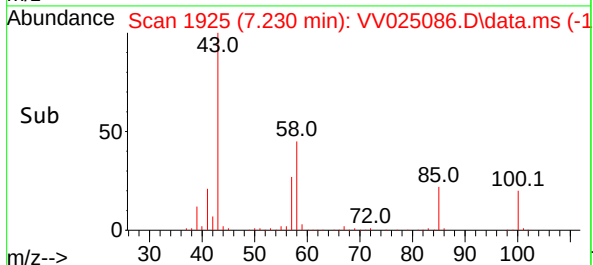
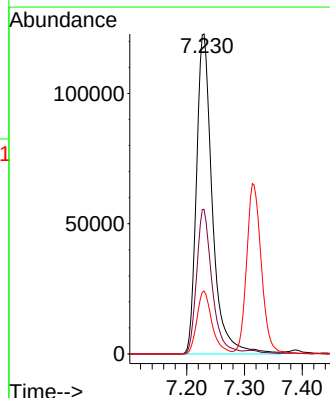
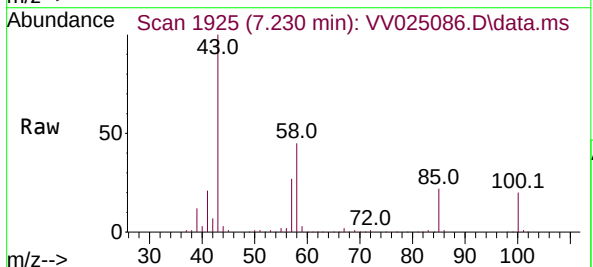
Tgt Ion: 43 Resp: 235032

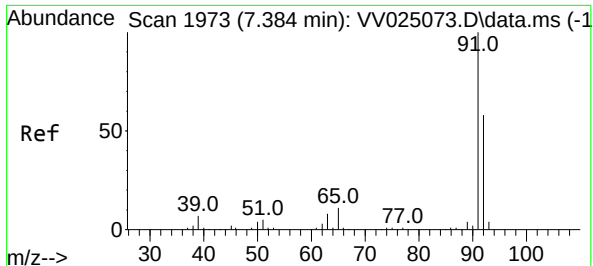
Ion Ratio Lower Upper

43 100

58 44.0 36.6 55.0

100 18.8 13.8 20.8





#42

Toluene

Concen: 5.631 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

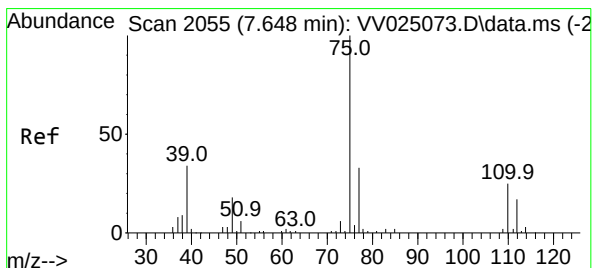
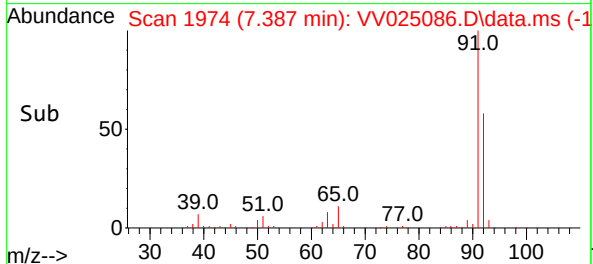
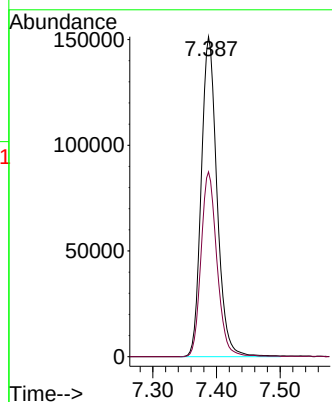
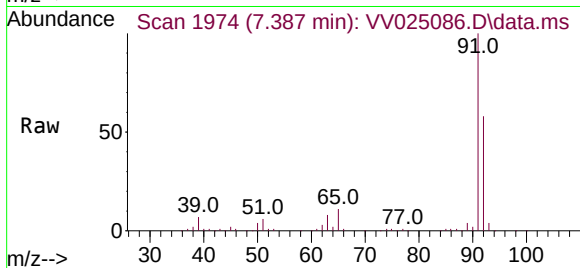
VSTD005337

Tgt Ion: 91 Resp: 260306

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.261 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025086.D

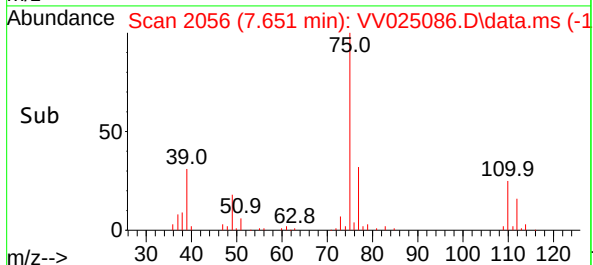
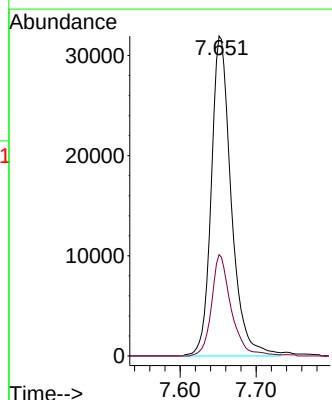
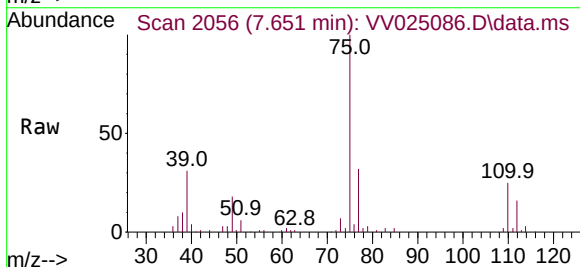
Acq: 17 Mar 2022 16:43

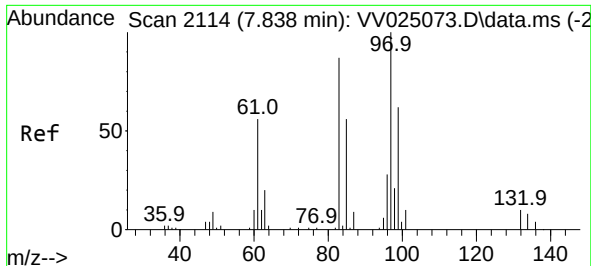
Tgt Ion: 75 Resp: 58352

Ion Ratio Lower Upper

75 100

77 31.6 23.0 42.6

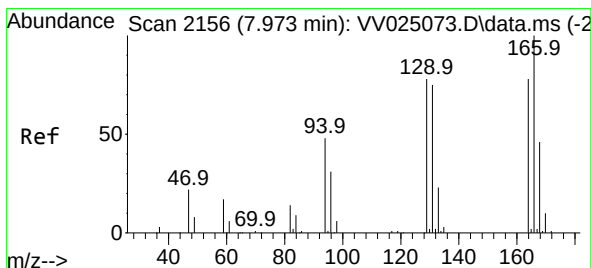
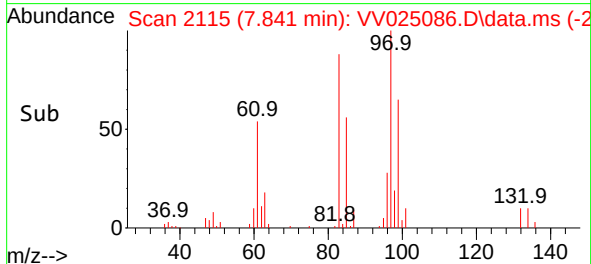
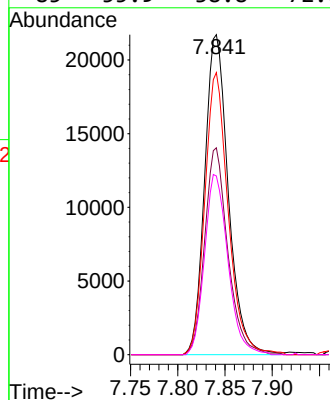
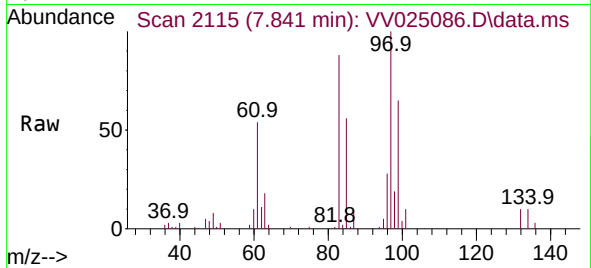




#45
1,1,2-Trichloroethane
Concen: 5.568 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

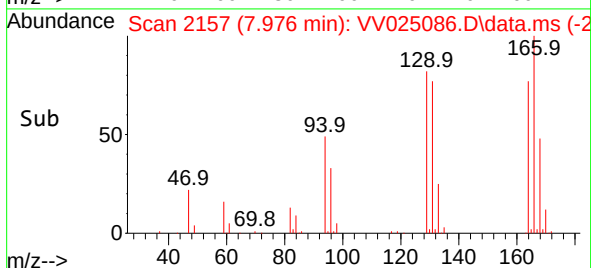
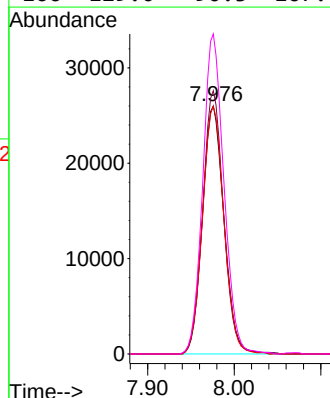
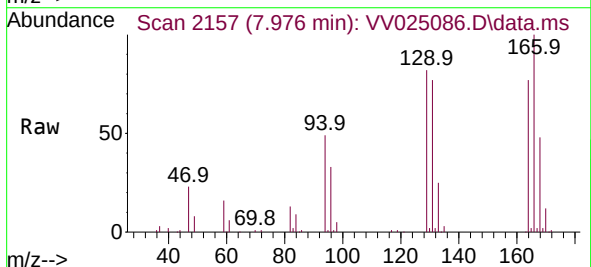
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

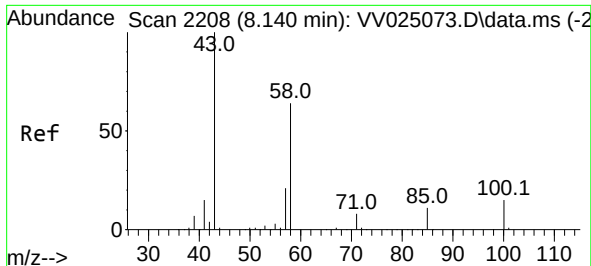
Tgt Ion:	97	Resp:	37753
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.7	81.1
83	88.1	58.9	109.3
85	55.9	38.8	72.0



#47
Tetrachloroethene
Concen: 5.435 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:	164	Resp:	44970
Ion	Ratio	Lower	Upper
164	100		
129	106.1	70.3	130.7
131	99.9	69.4	129.0
166	129.0	90.3	167.7

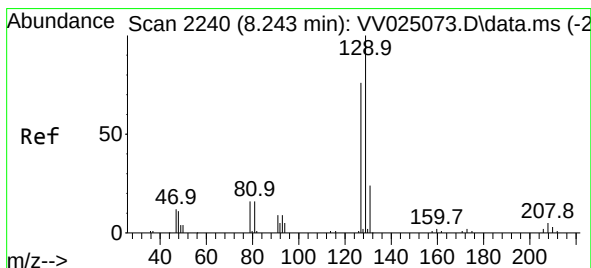
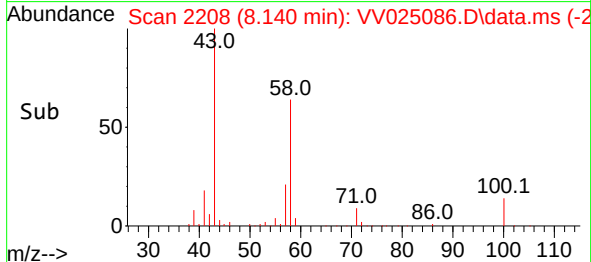
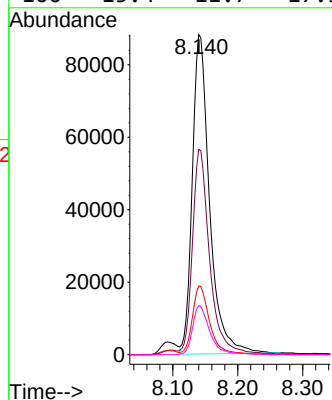
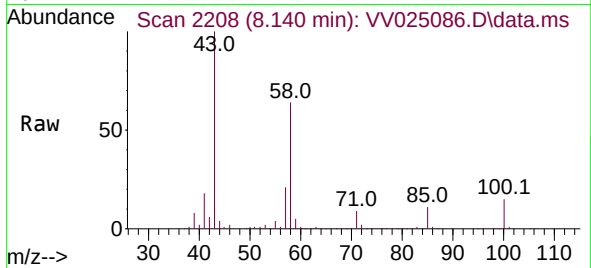




#48
2-Hexanone
Concen: 55.229 ug/L
RT: 8.140 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

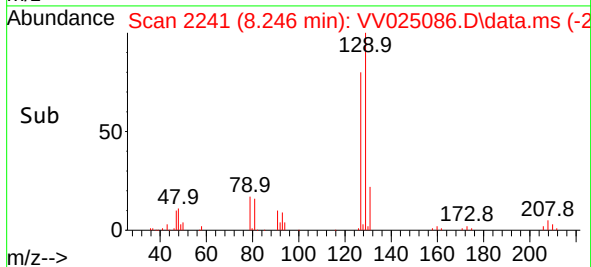
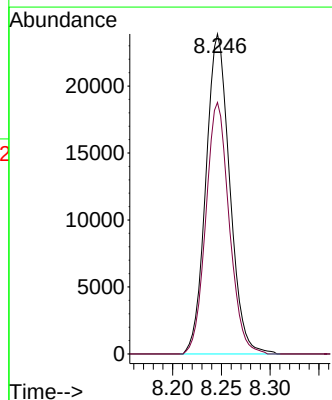
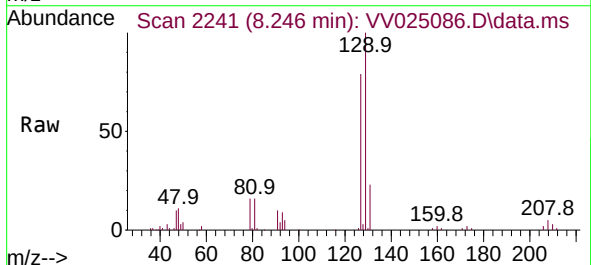
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

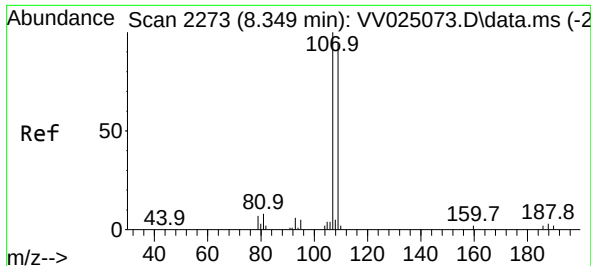
Tgt Ion:	43	Resp:	163551
Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.2	73.8
57	21.8	16.0	24.0
100	15.4	11.7	17.5



#49
Dibromochloromethane
Concen: 5.355 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:	129	Resp:	40641
Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.9	102.1

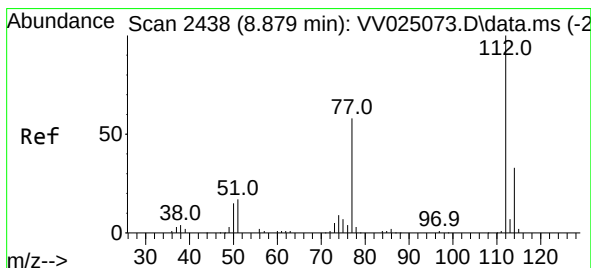
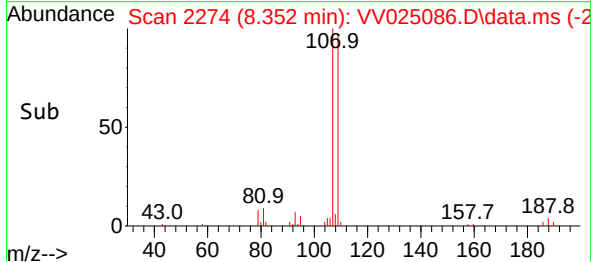
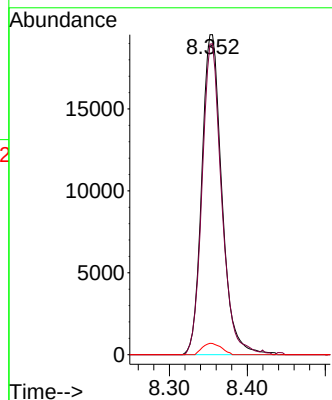
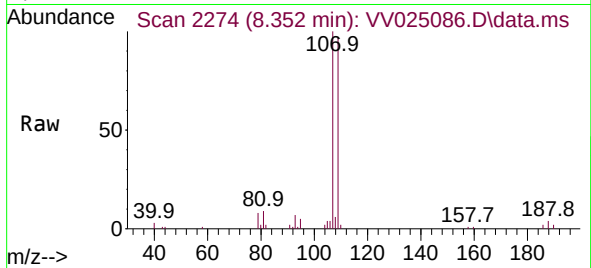




#50
1,2-Dibromoethane
Concen: 5.639 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

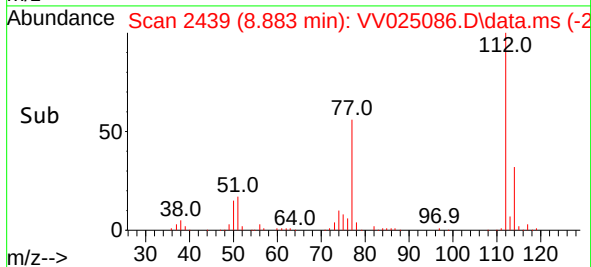
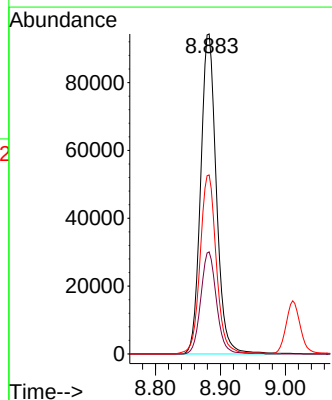
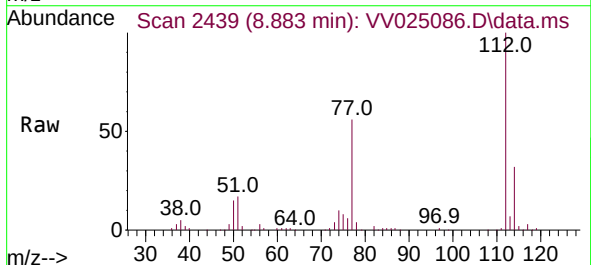
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

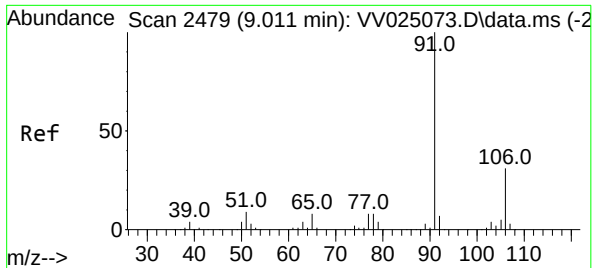
Tgt Ion:107 Resp: 34988
Ion Ratio Lower Upper
107 100
109 97.1 65.5 121.6
188 3.5 2.4 3.6



#51
Chlorobenzene
Concen: 5.487 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:112 Resp: 158845
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 56.0 45.3 67.9

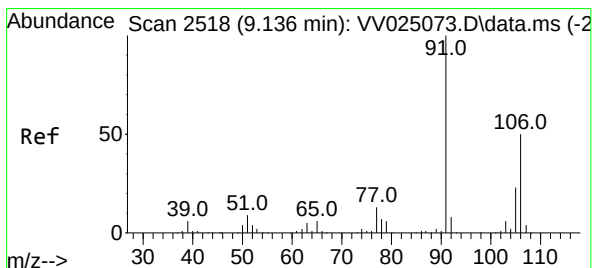
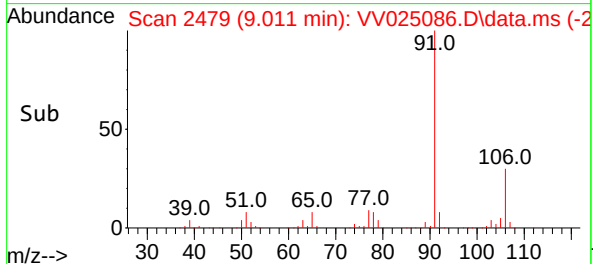
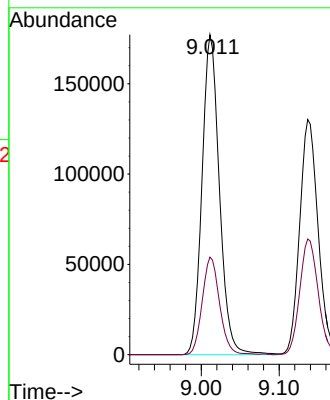
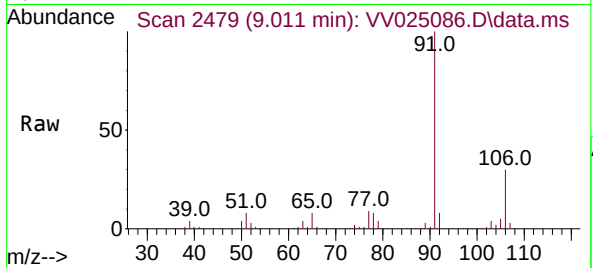




#52
Ethylbenzene
Concen: 5.614 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

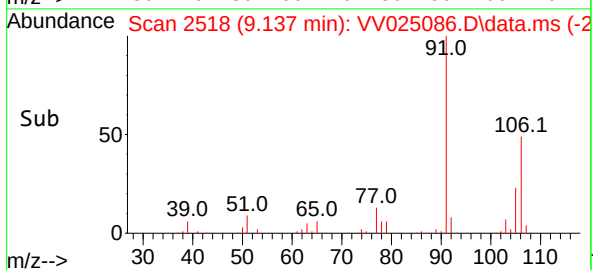
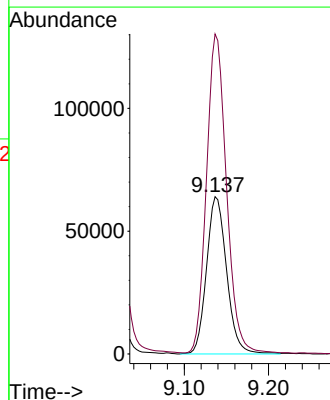
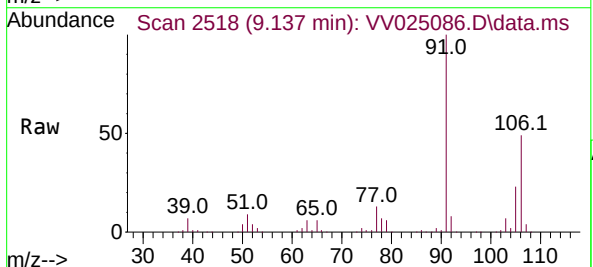
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

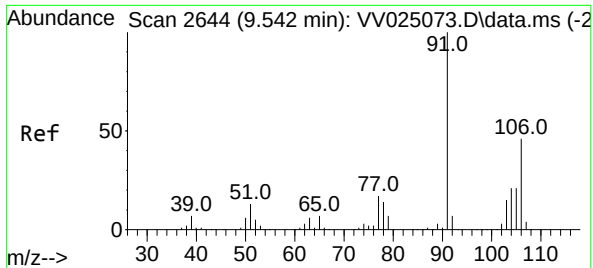
Tgt Ion: 91 Resp: 274563
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-xylene
Concen: 5.651 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 106 Resp: 106426
Ion Ratio Lower Upper
106 100
91 203.4 143.4 266.4

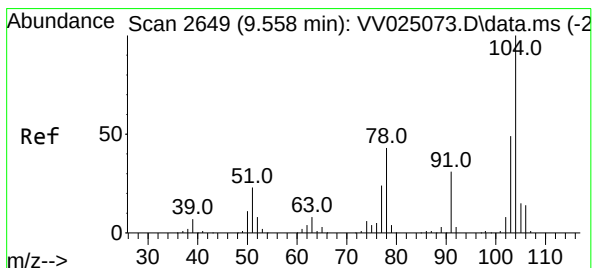
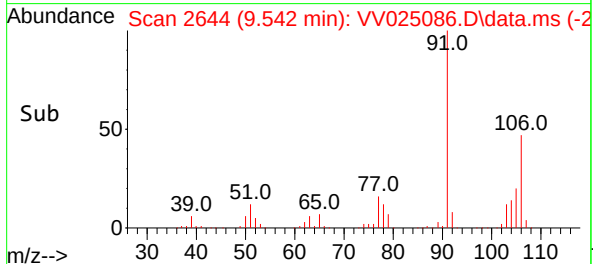
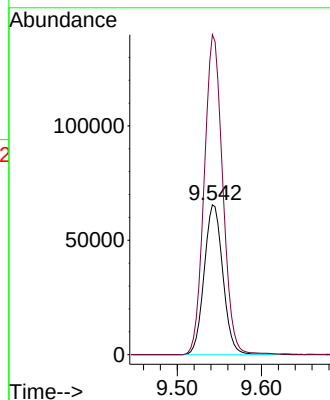
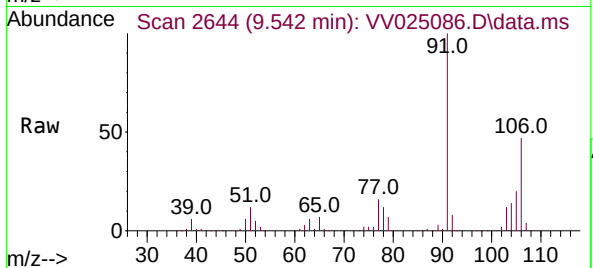




#54
o-xylene
Concen: 5.625 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

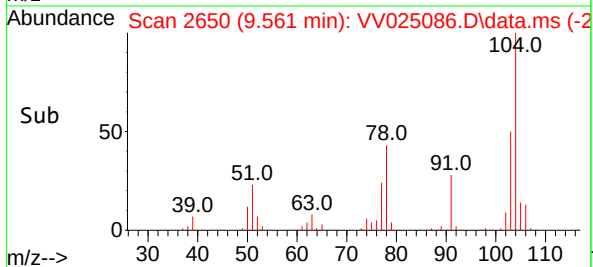
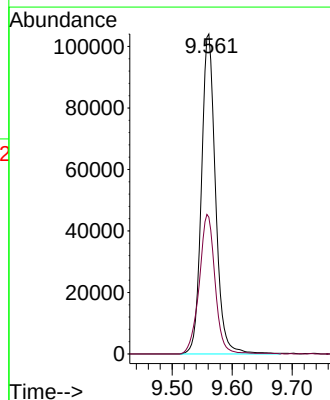
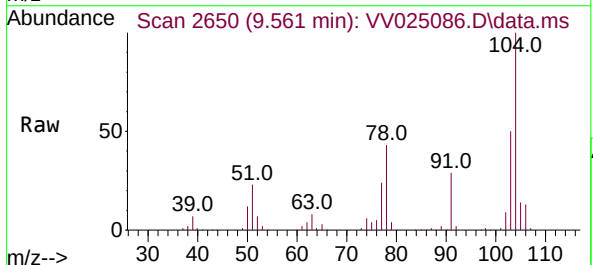
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

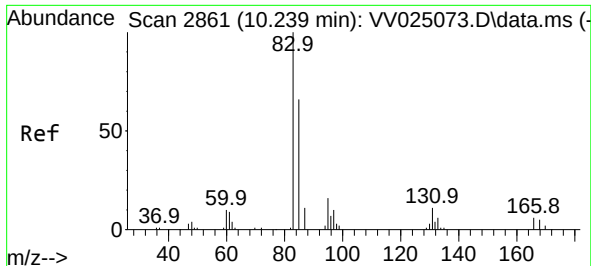
Tgt Ion:106 Resp: 101304
Ion Ratio Lower Upper
106 100
91 213.5 146.7 272.5



#55
Styrene
Concen: 5.818 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:104 Resp: 170651
Ion Ratio Lower Upper
104 100
78 42.7 30.2 56.2

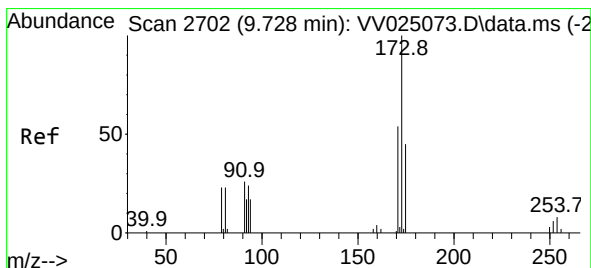
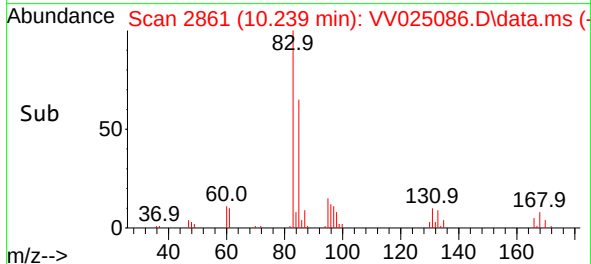
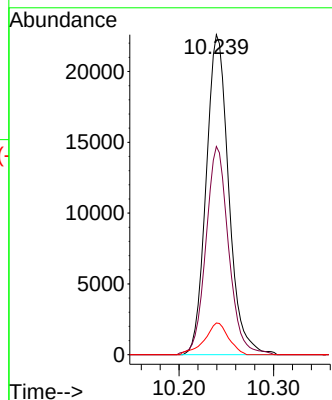
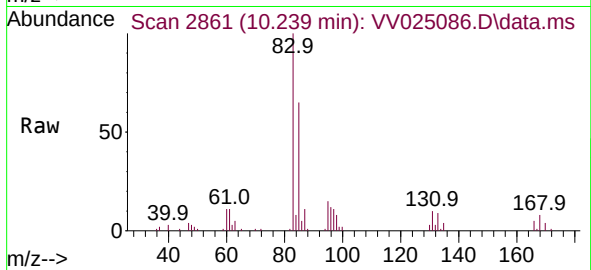




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.636 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

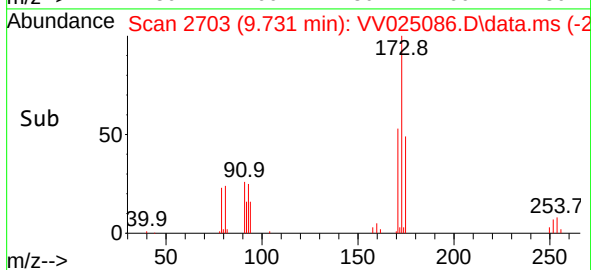
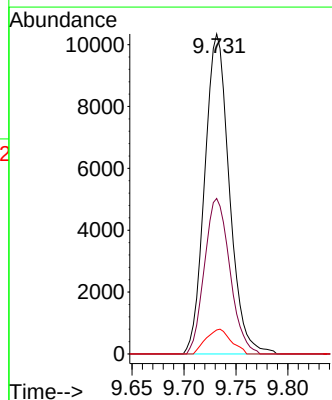
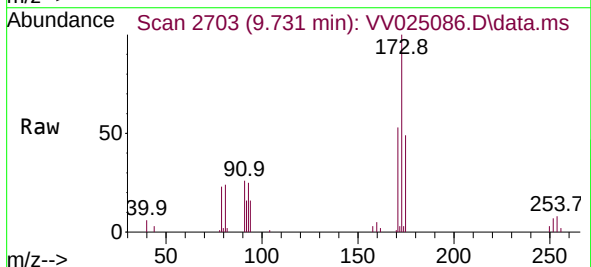
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

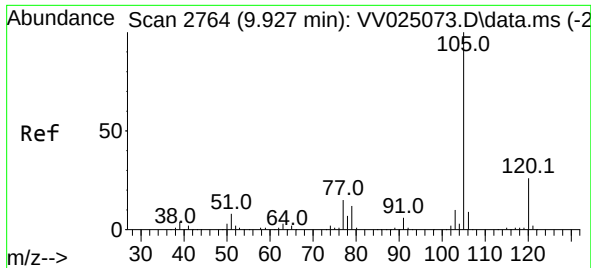
Tgt Ion: 83 Resp: 37465
 Ion Ratio Lower Upper
 83 100
 85 65.0 43.9 81.5
 131 9.9 7.5 11.3



#59
 Bromoform
 Concen: 4.700 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 173 Resp: 17020
 Ion Ratio Lower Upper
 173 100
 175 50.2 37.8 56.8
 254 7.9 5.8 8.6

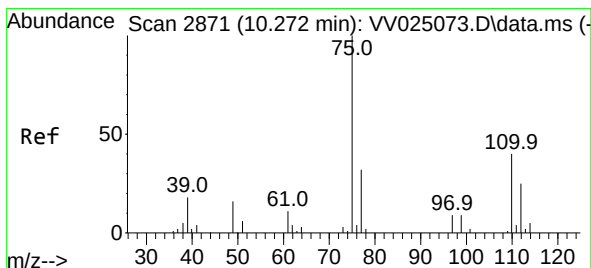
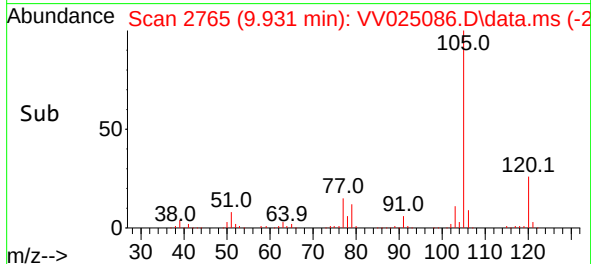
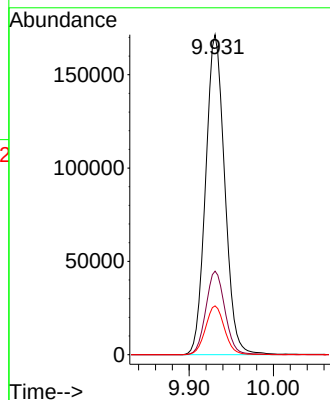
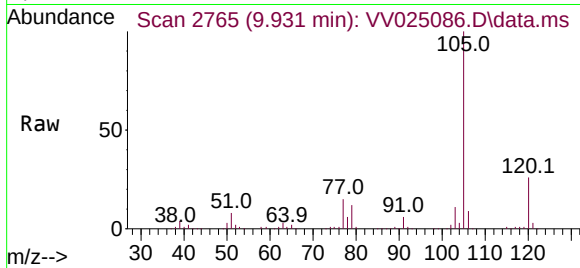




#60
Isopropylbenzene
Concen: 5.338 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

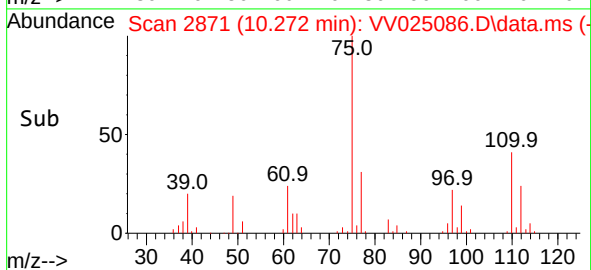
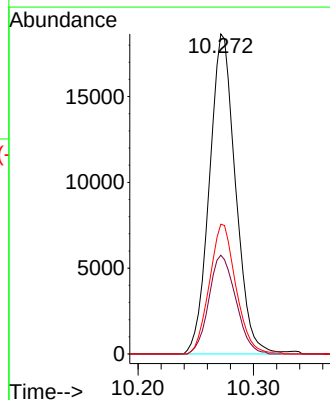
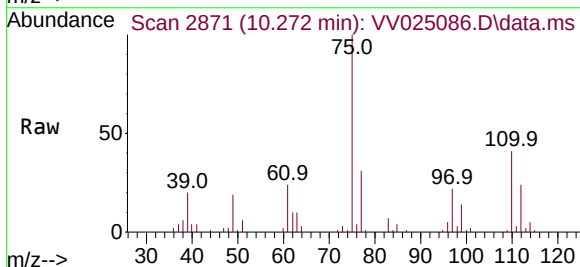
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

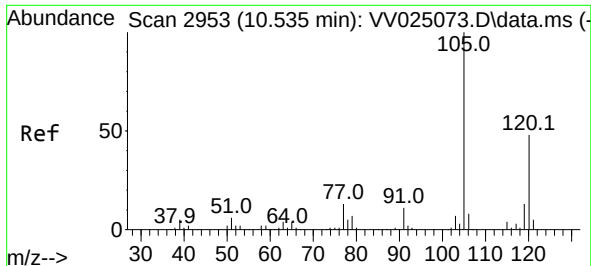
Tgt Ion:105 Resp: 270674
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.178 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 75 Resp: 29278
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 41.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.132 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025086.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

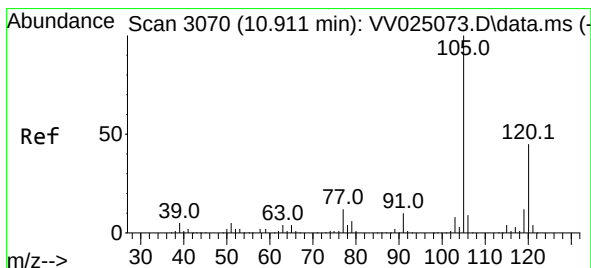
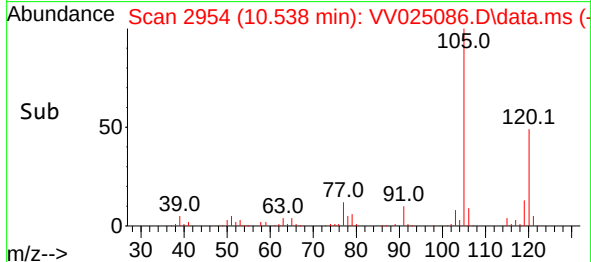
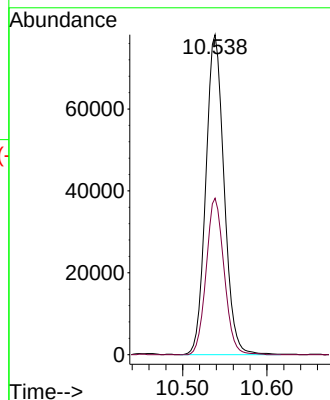
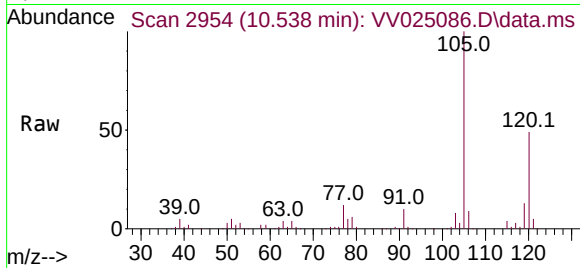
VSTD005337

Tgt Ion:105 Resp: 118069

Ion Ratio Lower Upper

105 100

120 48.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.322 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025086.D

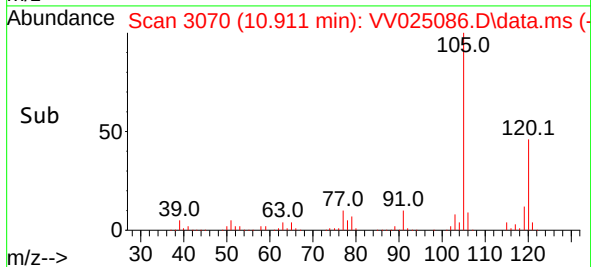
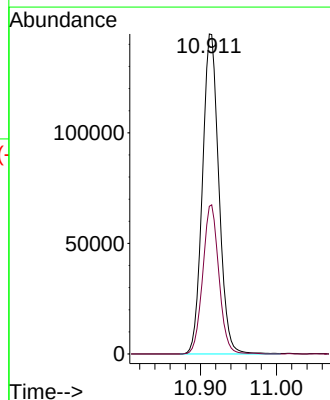
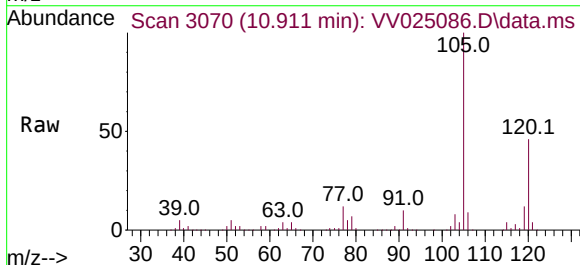
Acq: 17 Mar 2022 16:43

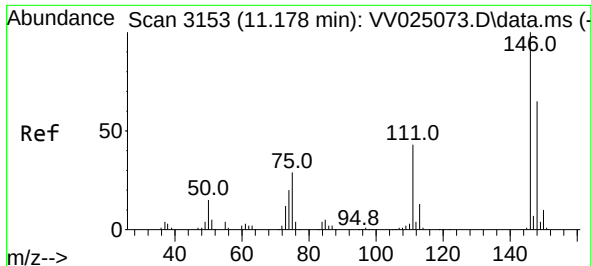
Tgt Ion:105 Resp: 216867

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.8

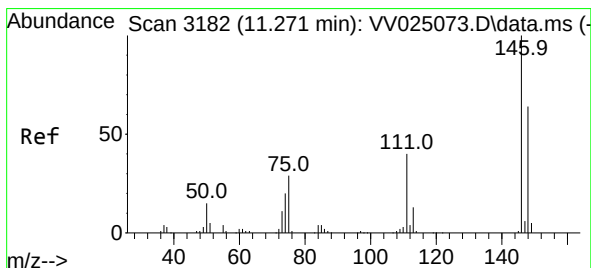
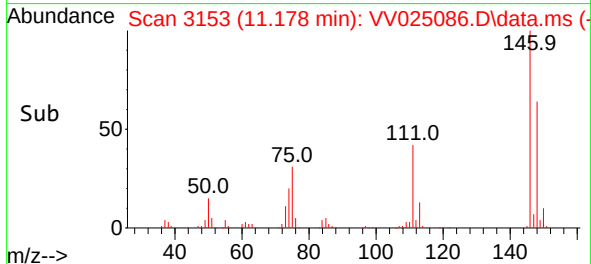
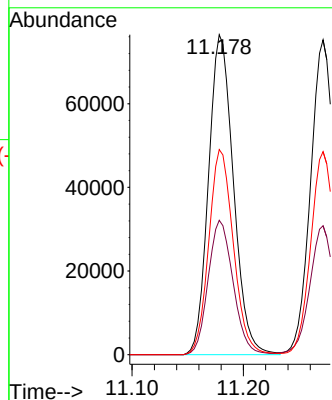
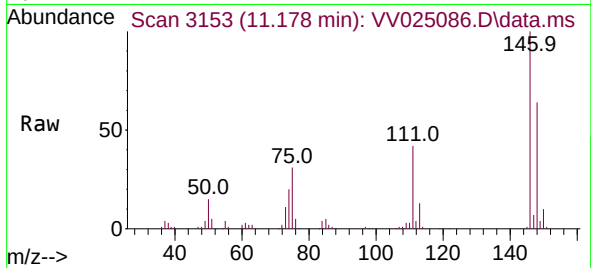




#64
1,3-Dichlorobenzene
Concen: 5.410 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

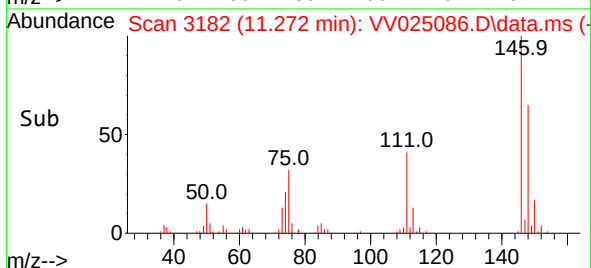
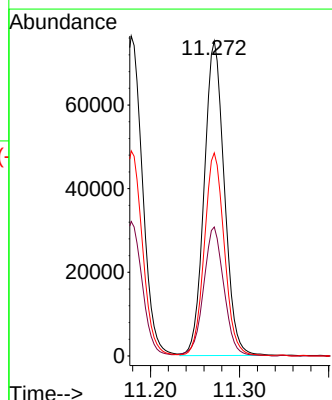
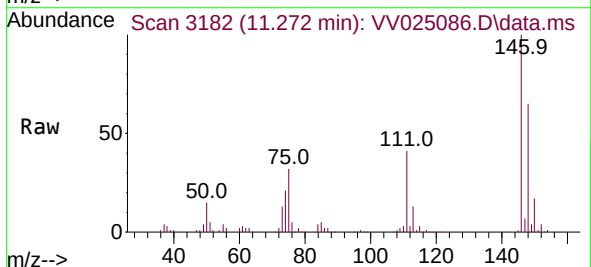
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

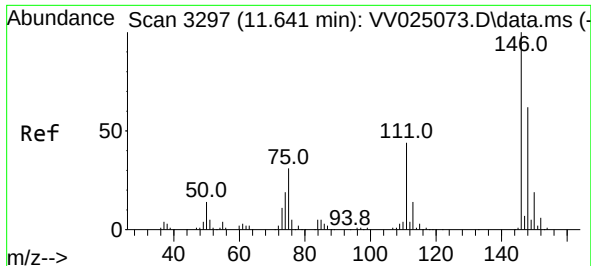
Tgt Ion:146 Resp: 118989
Ion Ratio Lower Upper
146 100
111 42.0 29.2 54.2
148 64.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.324 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:146 Resp: 118044
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 64.5 43.8 81.4

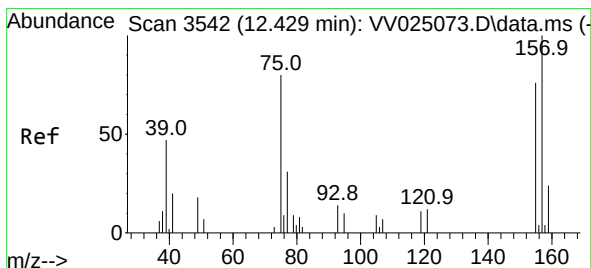
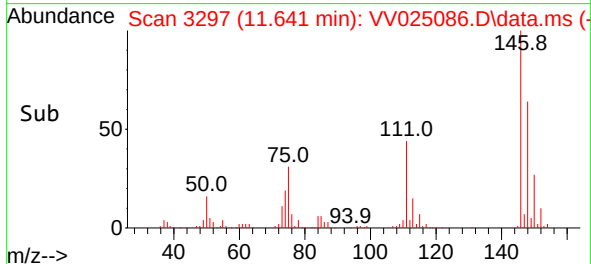
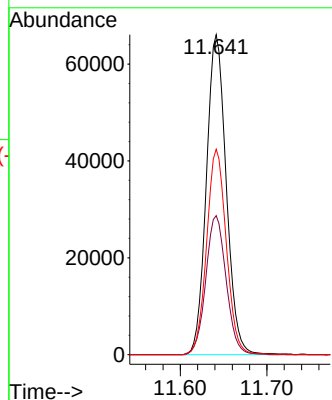
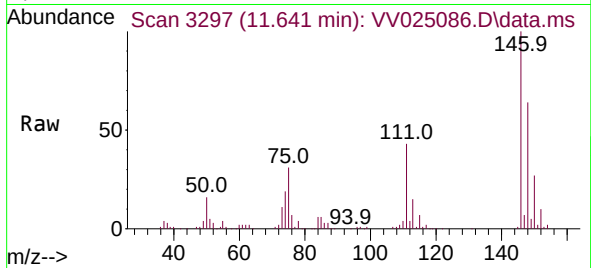




#67
 1,2-Dichlorobenzene
 Concen: 5.401 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

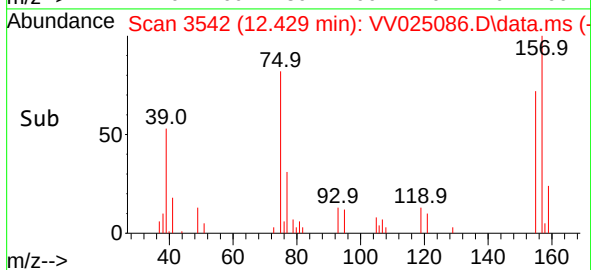
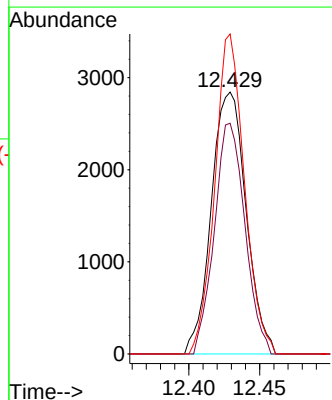
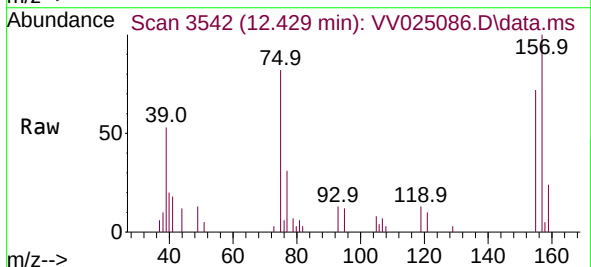
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

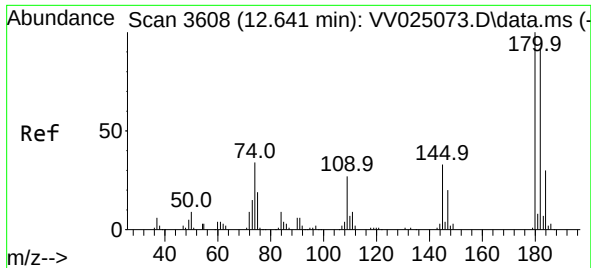
Tgt Ion:146 Resp: 105257
 Ion Ratio Lower Upper
 146 100
 111 43.5 35.5 53.3
 148 64.2 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.017 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 75 Resp: 4863
 Ion Ratio Lower Upper
 75 100
 155 88.1 65.9 98.9
 157 122.2 89.7 134.5

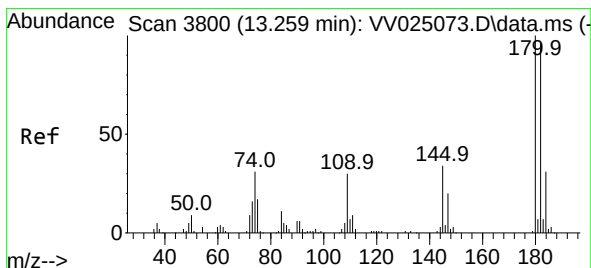
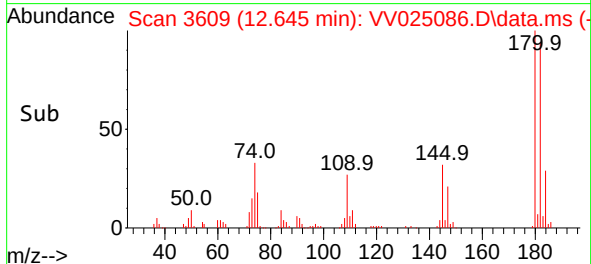
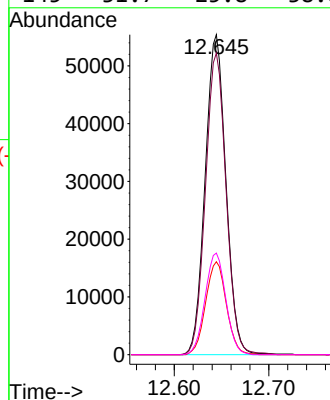
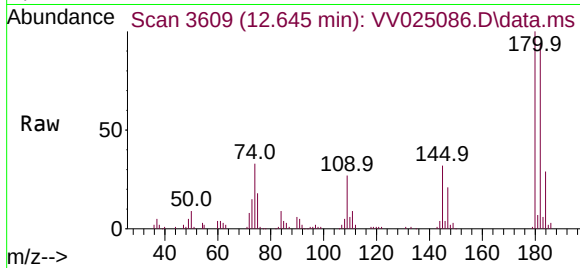




#69
 1,3,5-Trichlorobenzene
 Concen: 5.444 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

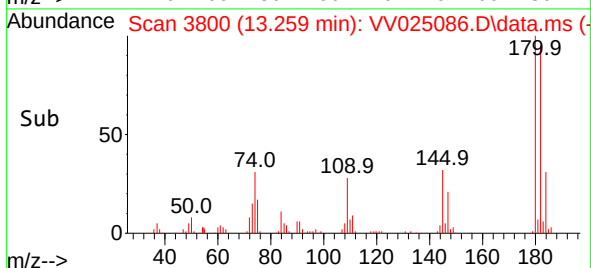
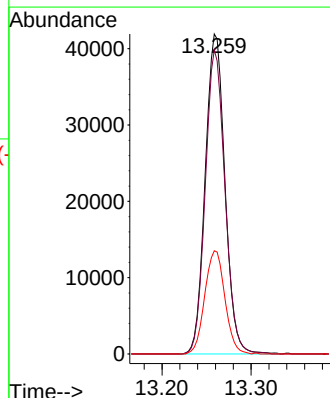
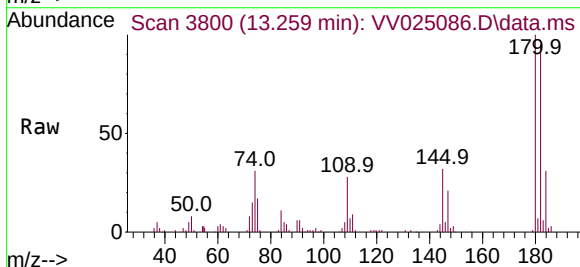
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

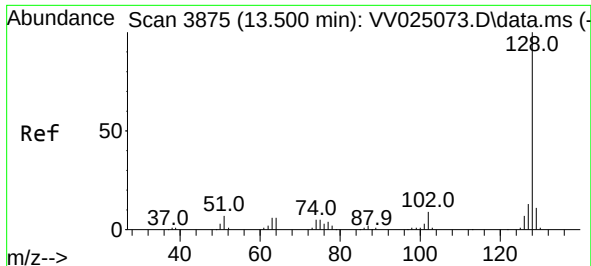
Tgt Ion:180 Resp: 84576
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.4 113.0
 184 29.0 24.2 36.4
 145 31.7 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.325 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025086.D
 Acq: 17 Mar 2022 16:43

Tgt Ion:180 Resp: 64453
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.6 112.0
 145 32.9 26.1 39.1

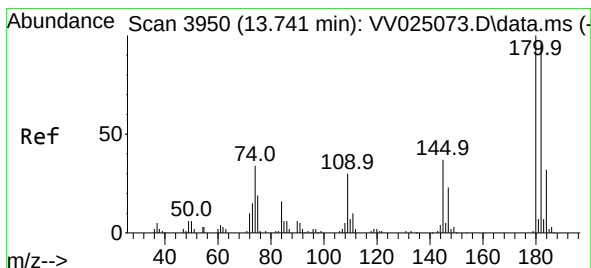
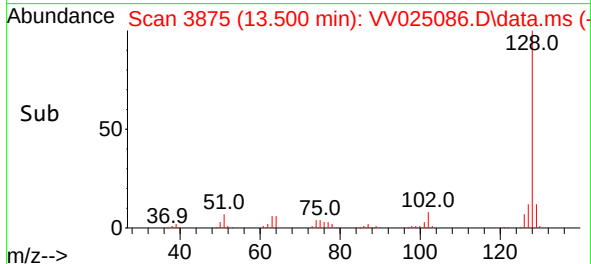
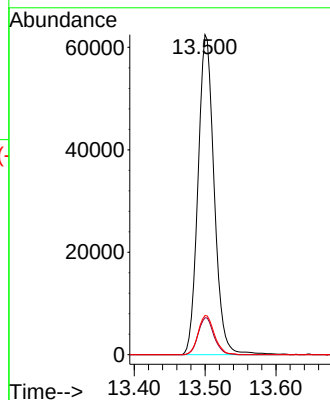
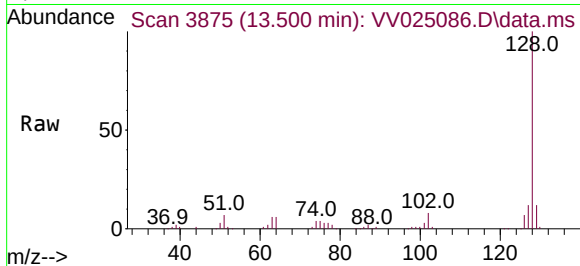




#71
Naphthalene
Concen: 4.919 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Tgt Ion:128	Resp:	98881
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.5 12.7
127	12.3	9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.261 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025086.D
Acq: 17 Mar 2022 16:43

Tgt Ion:180	Resp:	53957
Ion Ratio	Lower	Upper
180	100	
182	96.7	74.8 112.2
145	34.8	27.6 41.4

