

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025169.D
 Acq On : 25 Mar 2022 10:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Mar 25 23:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	284077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	263083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	80163	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.568	69	65892	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.111	63	140346	3.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.892	46	128695	47.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.960%
24) Chloroform-d	4.346	84	151768	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.031	65	61572	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.047	84	308937	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.066	67	89317	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.314	98	282676	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.619	79	29860	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.085	63	113659	43.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55894	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	93258	4.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92185	3.673	ug/L	99
3) Chloromethane	1.243	50	80874	3.416	ug/L	97
5) Vinyl chloride	1.314	62	94130	3.769	ug/L	99
6) Bromomethane	1.523	94	61183	3.791	ug/L	99
8) Chloroethane	1.587	64	59672	3.940	ug/L	99
9) Trichlorofluoromethane	1.754	101	138849	4.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	82588	4.484	ug/L	97
12) 1,1-Dichloroethene	2.121	96	75426	4.168	ug/L	95
13) Acetone	2.185	43	86906	47.942	ug/L	80
14) Carbon disulfide	2.294	76	224931	3.474	ug/L	100
15) Methyl Acetate	2.439	43	23067	4.645	ug/L	97
16) Methylene chloride	2.507	84	91233	4.160	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	169166	4.291	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	89167	4.094	ug/L	98
19) 1,1-Dichloroethane	3.188	63	150519	4.061	ug/L	96
21) 2-Butanone	3.976	43	137324	47.998	ug/L	79
22) cis-1,2-Dichloroethene	3.909	96	94790	4.311	ug/L	100
23) Bromochloromethane	4.246	128	38926	4.490	ug/L	94
25) Chloroform	4.372	83	164180	4.254	ug/L	96

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

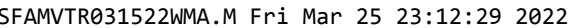
Instrument :
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 ClientSampleId :
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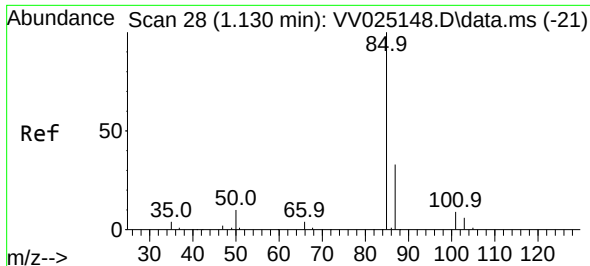
Quant Time: Mar 25 23:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80247	4.182	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	141909	4.230	ug/L	98
30) Cyclohexane	4.677	56	123993	3.799	ug/L	97
31) Carbon tetrachloride	4.825	117	121428	4.219	ug/L	100
33) Benzene	5.098	78	357602	4.179	ug/L	100
34) Trichloroethene	5.912	95	96602	4.240	ug/L	100
35) Methylcyclohexane	6.127	83	147483	4.089	ug/L	98
37) 1,2-Dichloropropane	6.169	63	85931	4.370	ug/L	99
38) Bromodichloromethane	6.506	83	105321	4.235	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	112404	4.117	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	347125	42.900	ug/L #	98
42) Toluene	7.384	91	386699	4.318	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	92045	4.284	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	58610	4.463	ug/L	99
47) Tetrachloroethene	7.973	164	70890	4.423	ug/L	96
48) 2-Hexanone	8.137	43	245026	42.714	ug/L	96
49) Dibromochloromethane	8.243	129	63733	4.335	ug/L	100
50) 1,2-Dibromoethane	8.349	107	52984	4.408	ug/L	97
51) Chlorobenzene	8.879	112	248678	4.435	ug/L	100
52) Ethylbenzene	9.008	91	415078	4.382	ug/L	100
53) m,p-Xylene	9.137	106	163109	4.471	ug/L	94
54) o-Xylene	9.539	106	157648	4.519	ug/L	99
55) Styrene	9.558	104	263670	4.641	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	59863	4.649	ug/L	99
59) Bromoform	9.728	173	28113	4.108	ug/L	99
60) Isopropylbenzene	9.928	105	423538	4.420	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	44738	4.186	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	191274	4.399	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	352447	4.576	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	193022	4.643	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	189741	4.528	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	169414	4.599	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	7918	4.322	ug/L	83
69) 1,3,5-Trichlorobenzene	12.641	180	140883	4.798	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	110854	4.845	ug/L	99
71) Naphthalene	13.500	128	174599	4.596	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	92090	4.750	ug/L	100

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

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Response via : Initial Calibration

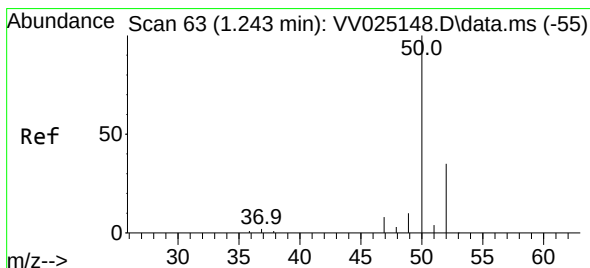
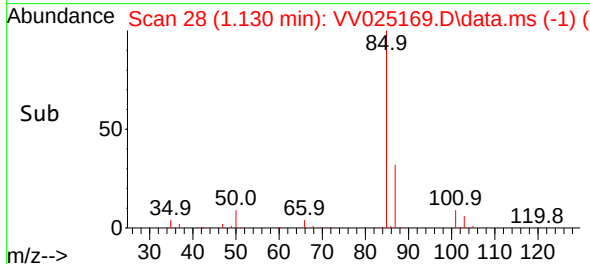
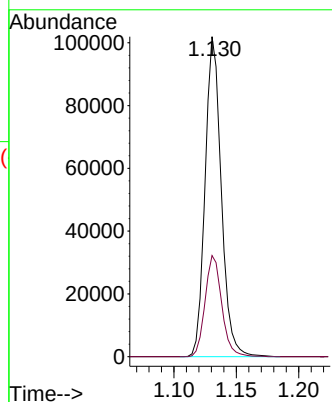
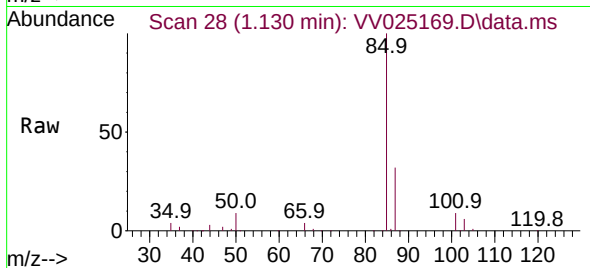




#2
 Dichlorodifluoromethane
 Concen: 3.673 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

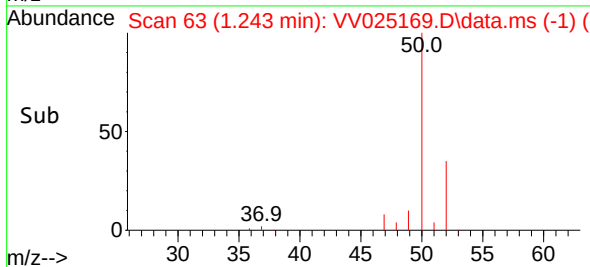
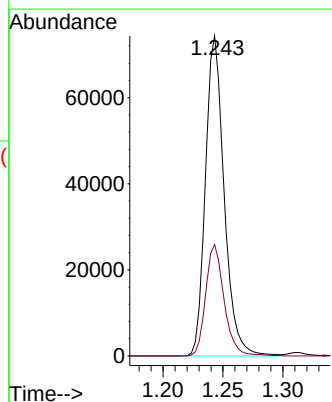
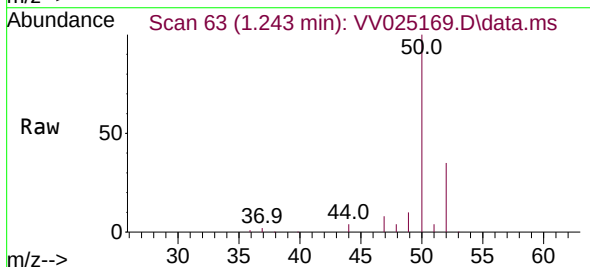
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

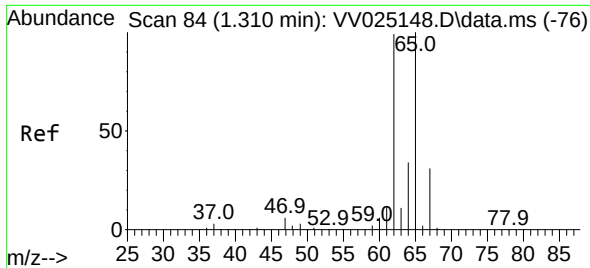
Tgt Ion: 85 Resp: 92185
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.7 40.1



#3
 Chloromethane
 Concen: 3.416 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

Tgt Ion: 50 Resp: 80874
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.2 43.2

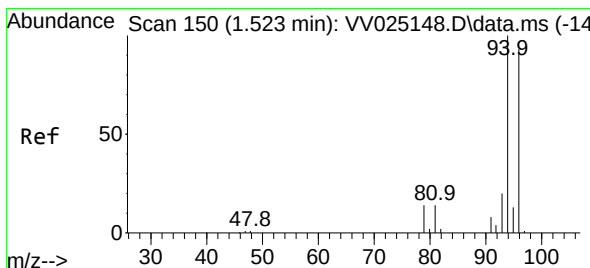
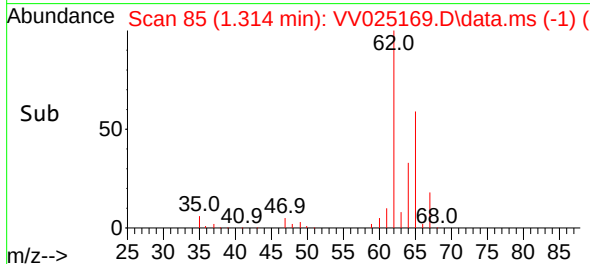
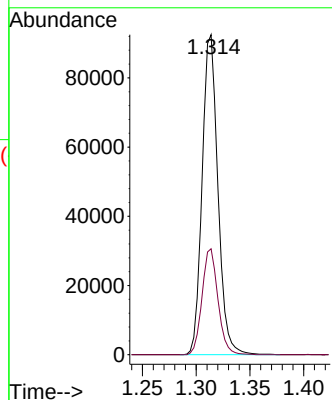
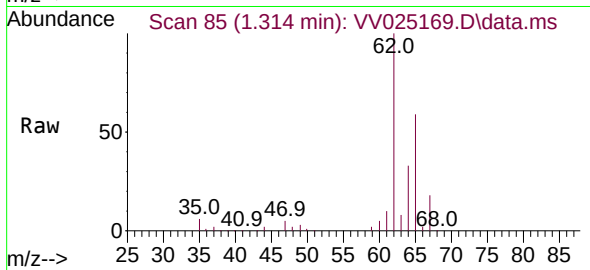




#5
 Vinyl chloride
 Concen: 3.769 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

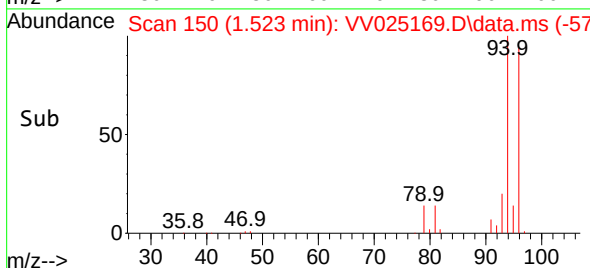
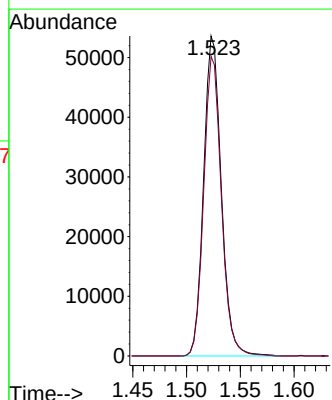
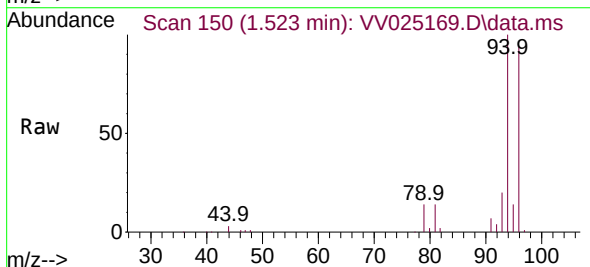
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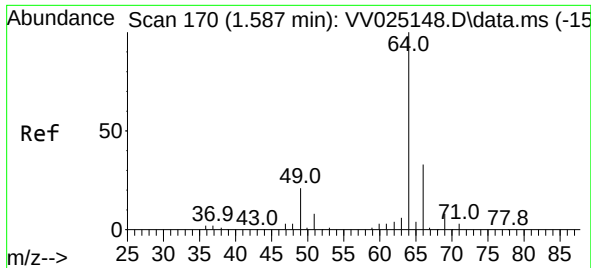
Tgt Ion: 62 Resp: 94130
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 3.791 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

Tgt Ion: 94 Resp: 61183
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.9 120.5

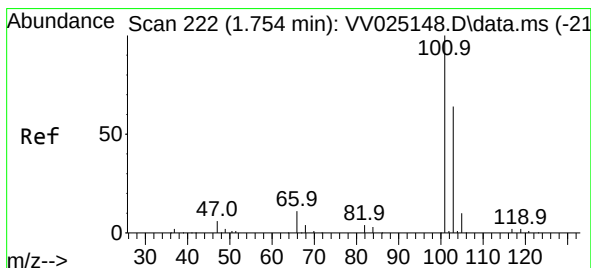
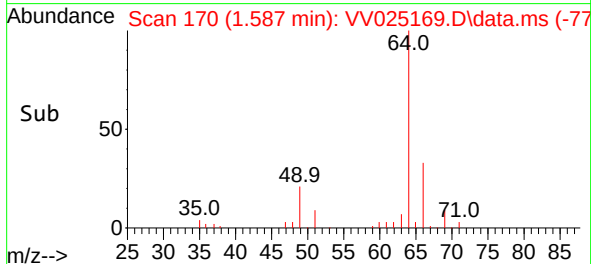
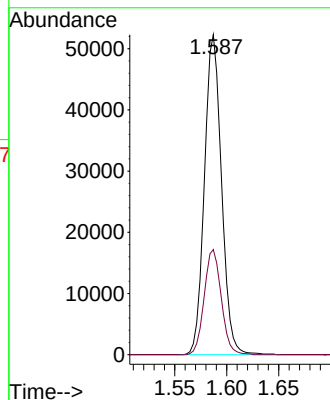
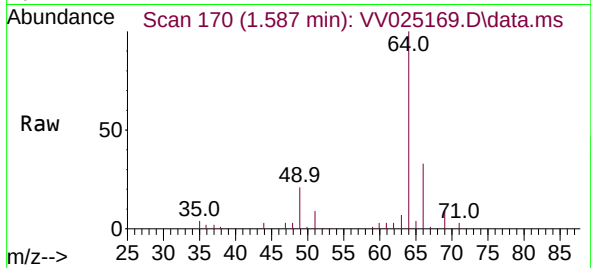




#8
Chloroethane
Concen: 3.940 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

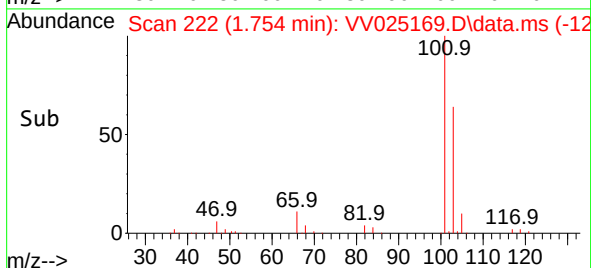
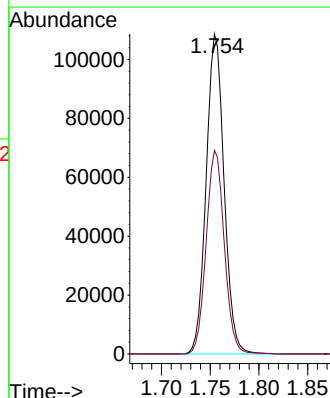
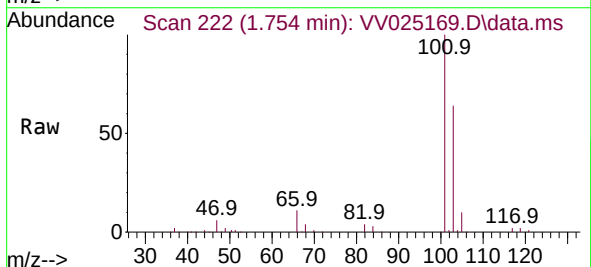
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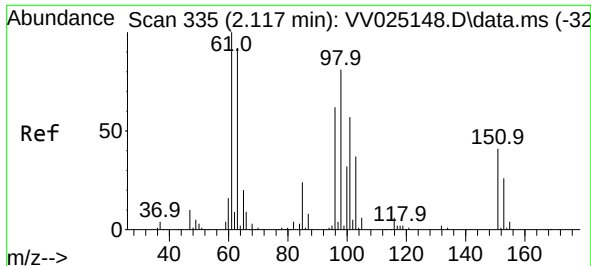
Tgt Ion: 64 Resp: 59672
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.088 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 101 Resp: 138849
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

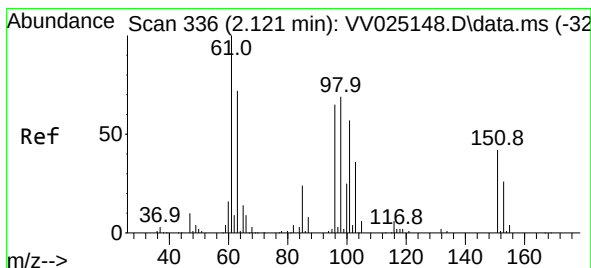
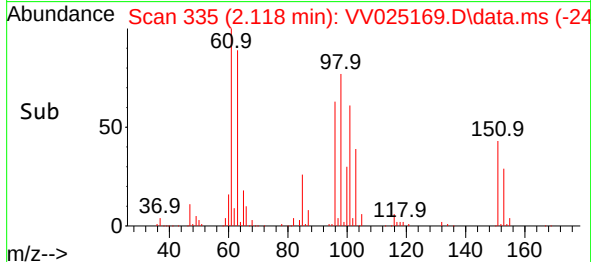
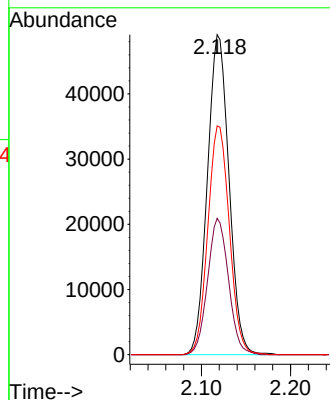
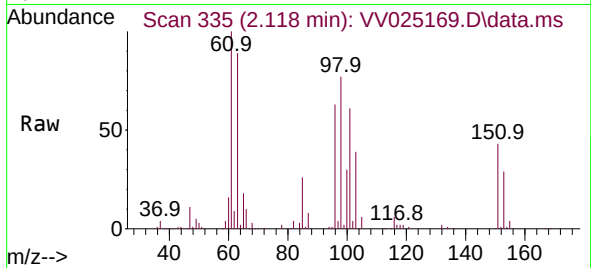




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.484 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

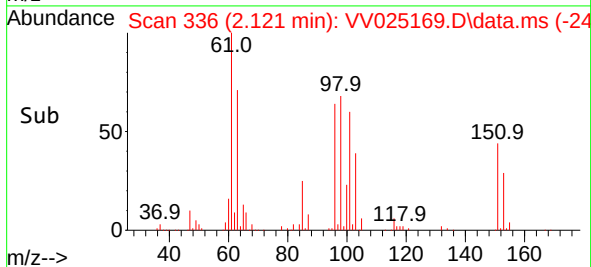
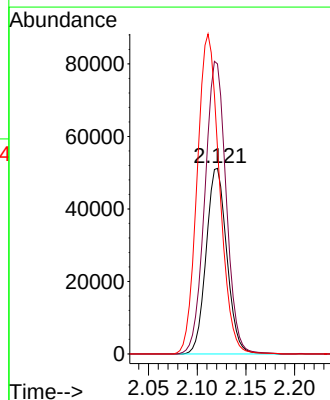
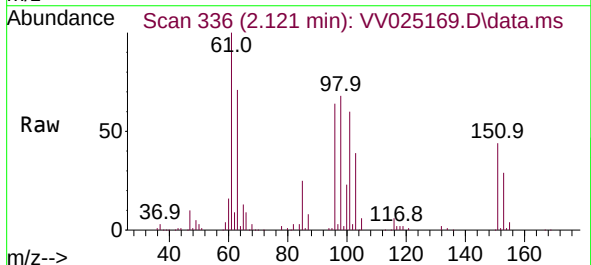
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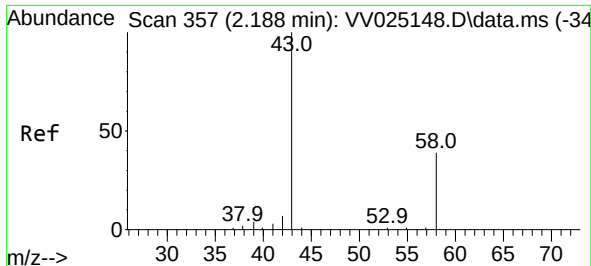
Tgt Ion:101 Resp: 82588
Ion Ratio Lower Upper
101 100
85 41.3 34.8 52.2
151 71.2 55.6 83.4



#12
1,1-Dichloroethene
Concen: 4.168 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 96 Resp: 75426
Ion Ratio Lower Upper
96 100
61 156.3 113.0 209.9
63 111.1 82.1 152.5





#13

Acetone

Concen: 47.942 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

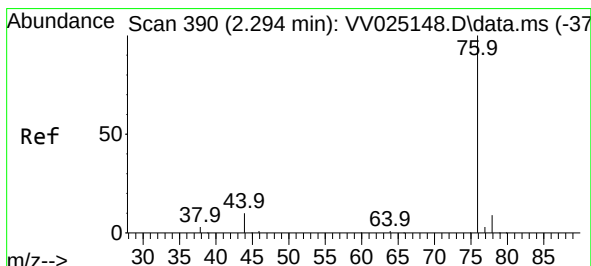
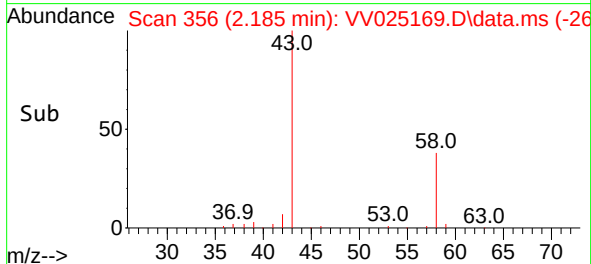
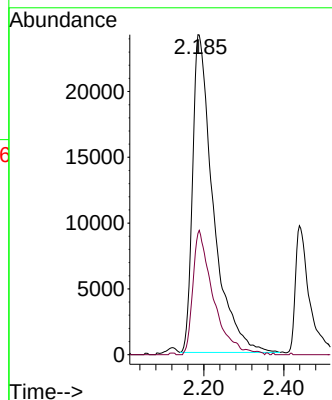
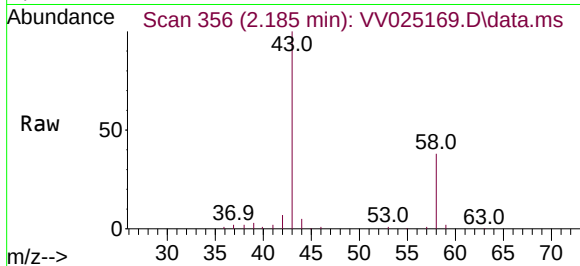
VSTD005348

Tgt Ion: 43 Resp: 86906

Ion Ratio Lower Upper

43 100

58 37.6 0.0 54.2



#14

Carbon disulfide

Concen: 3.474 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025169.D

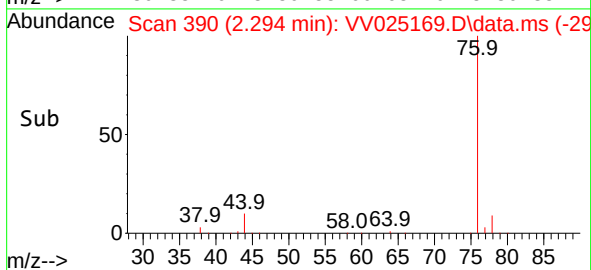
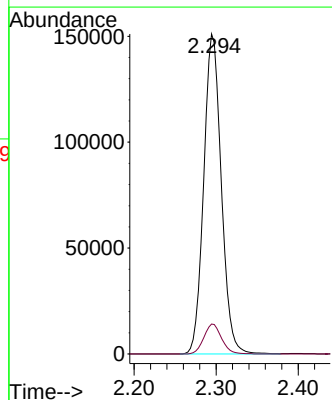
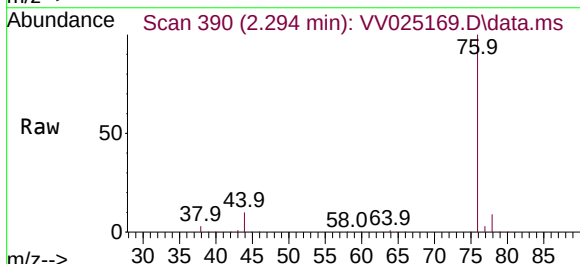
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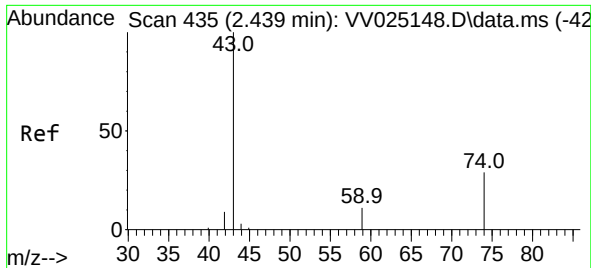
Tgt Ion: 76 Resp: 224931

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 4.645 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

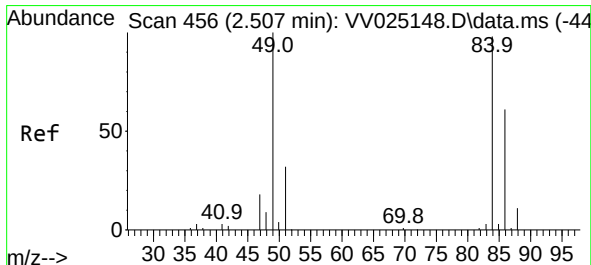
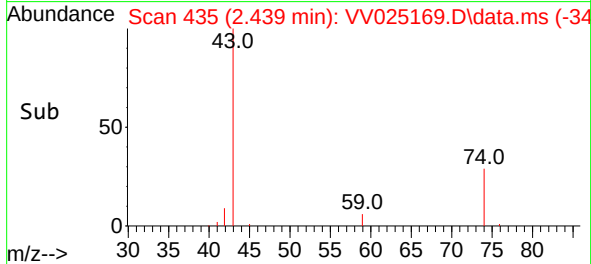
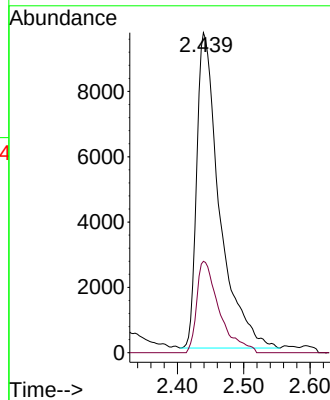
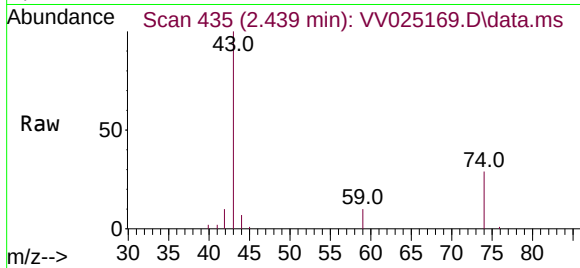
VSTD005348

Tgt Ion: 43 Resp: 23067

Ion Ratio Lower Upper

43 100

74 28.6 24.2 36.4



#16

Methylene chloride

Concen: 4.160 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

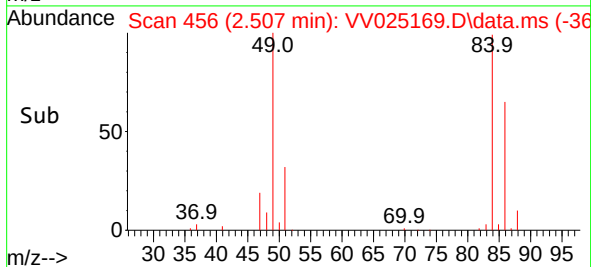
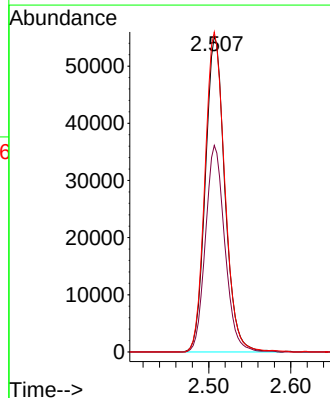
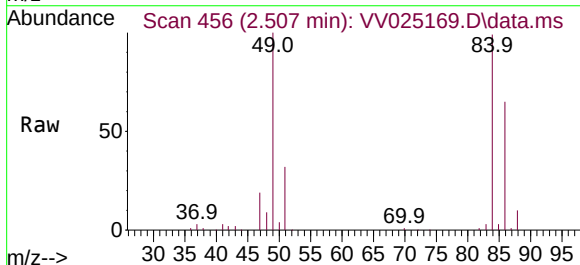
Tgt Ion: 84 Resp: 91233

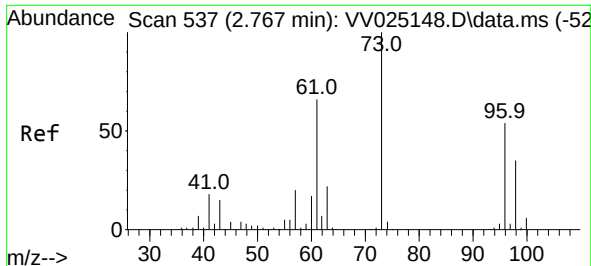
Ion Ratio Lower Upper

84 100

86 65.5 45.5 84.5

49 101.4 75.0 139.2

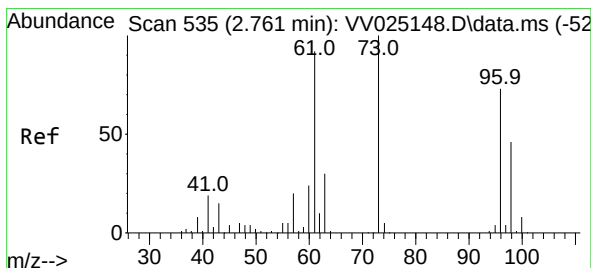
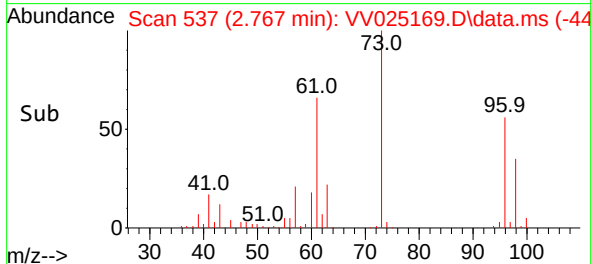
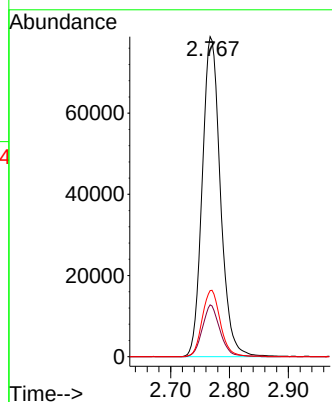
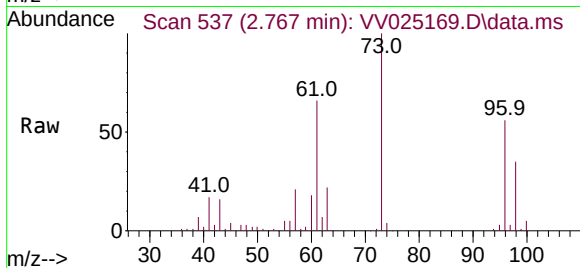




#17
Methyl tert-butyl Ether
Concen: 4.291 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

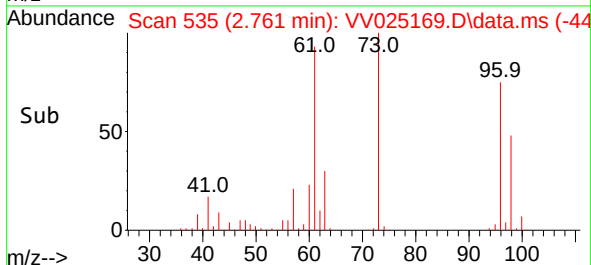
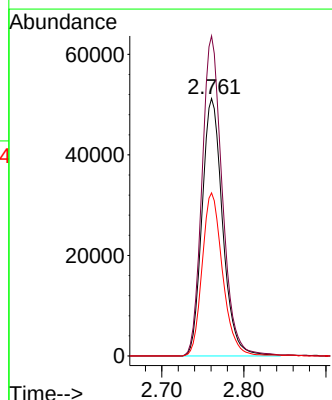
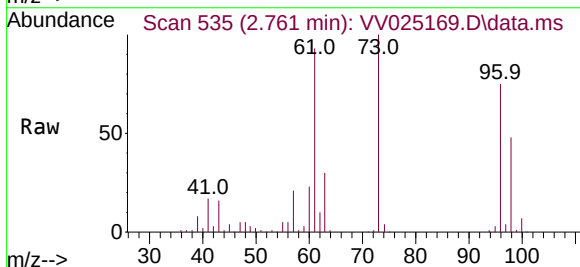
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

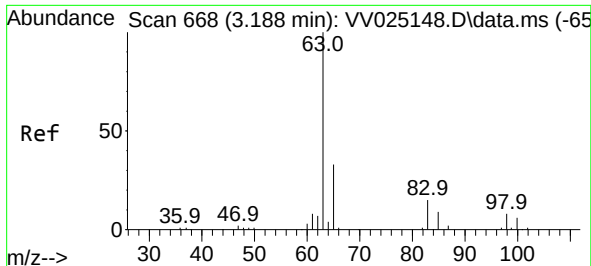
Tgt Ion: 73 Resp: 169166
Ion Ratio Lower Upper
73 100
43 15.7 13.2 19.8
57 20.8 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.094 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 96 Resp: 89167
Ion Ratio Lower Upper
96 100
61 124.3 89.2 165.6
98 63.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.061 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

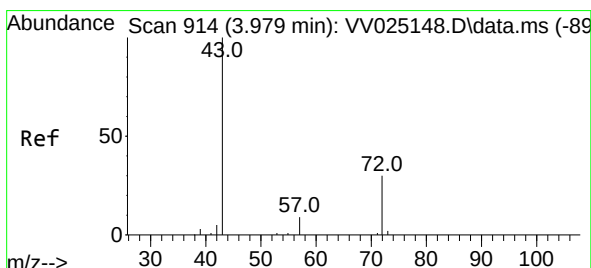
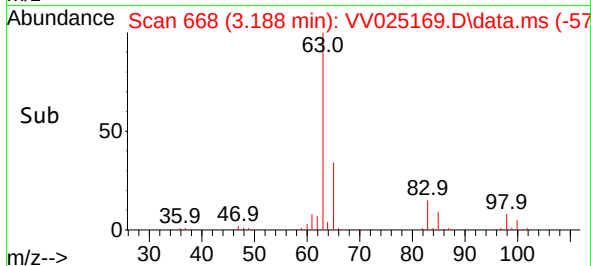
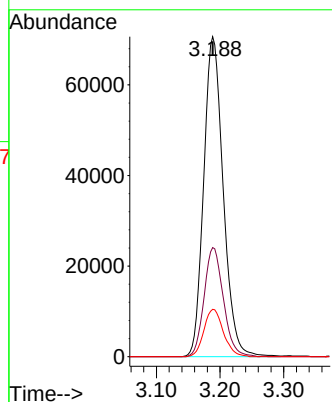
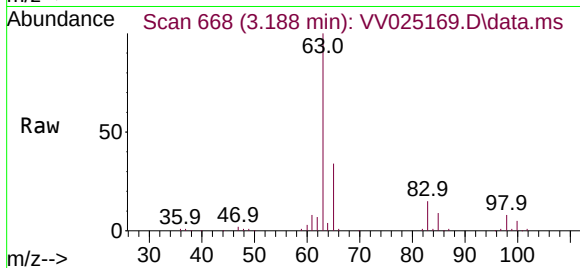
Tgt Ion: 63 Resp: 150519

Ion Ratio Lower Upper

63 100

65 34.1 22.2 41.2

83 14.8 9.4 17.4



#21

2-Butanone

Concen: 47.998 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.003 min

Lab File: VV025169.D

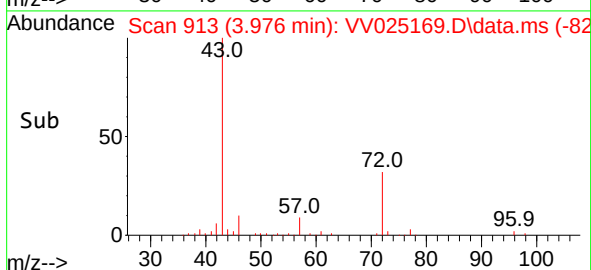
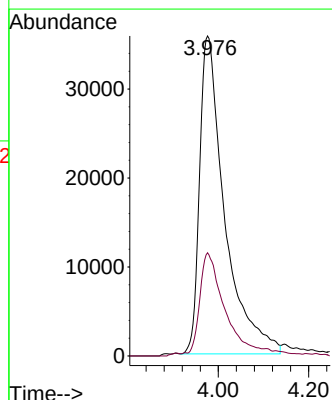
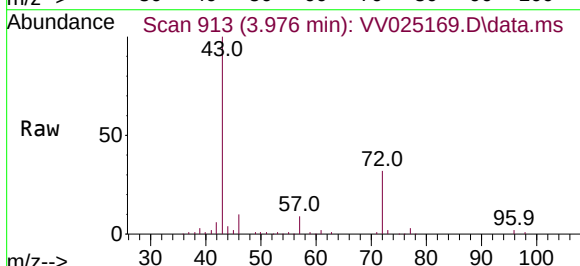
Acq: 25 Mar 2022 10:28

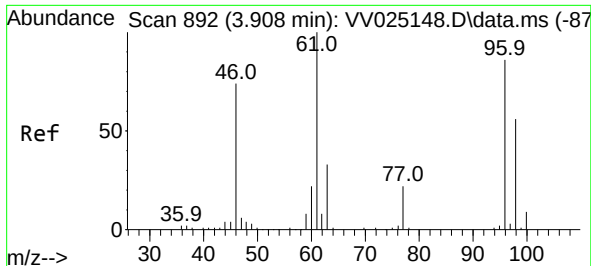
Tgt Ion: 43 Resp: 137324

Ion Ratio Lower Upper

43 100

72 30.7 10.4 31.2

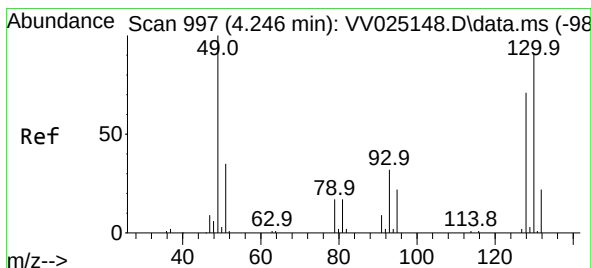
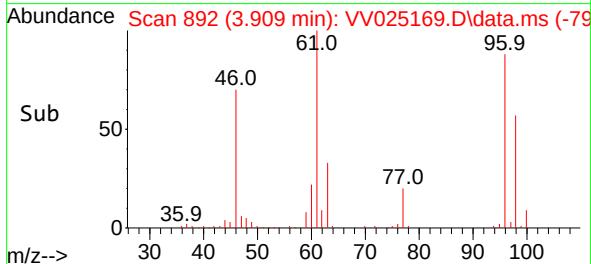
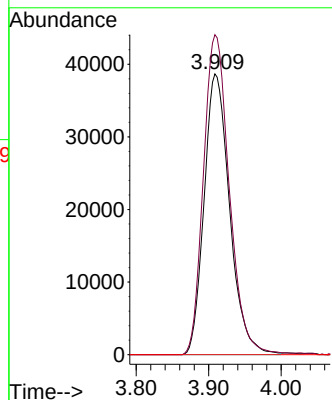
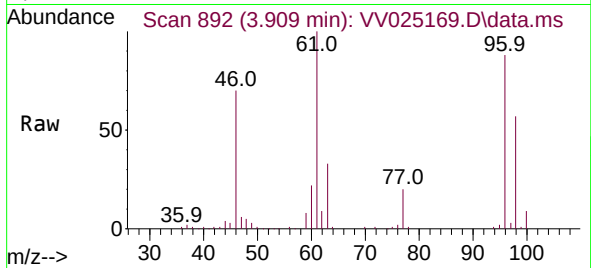




#22
 cis-1,2-Dichloroethene
 Concen: 4.311 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

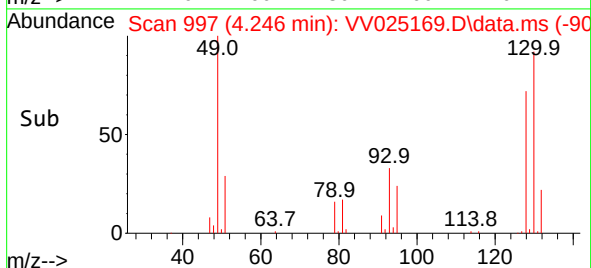
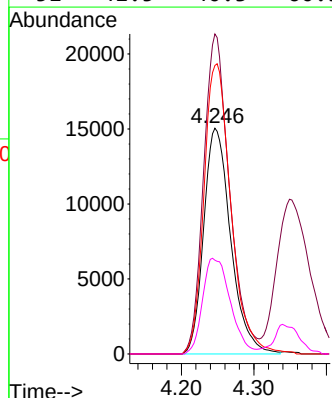
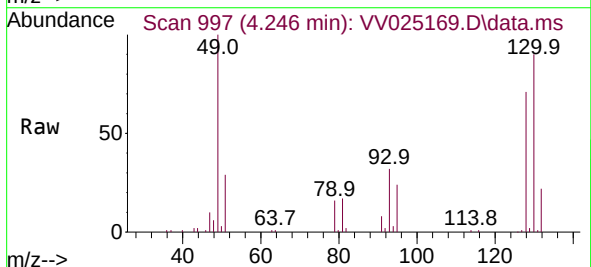
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

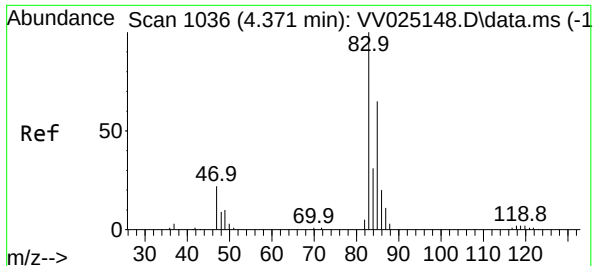
Tgt Ion: 96 Resp: 94790
 Ion Ratio Lower Upper
 96 100
 61 114.0 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.490 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

Tgt Ion: 128 Resp: 38926
 Ion Ratio Lower Upper
 128 100
 49 141.8 107.5 199.7
 130 127.8 89.4 166.0
 51 41.5 40.3 60.5





#25

Chloroform

Concen: 4.254 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

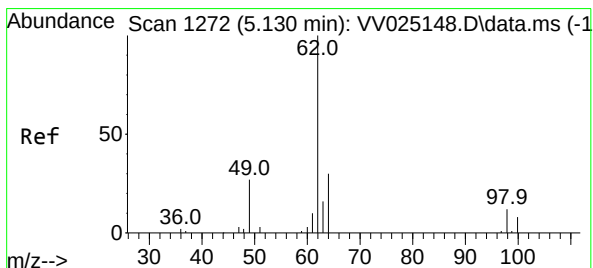
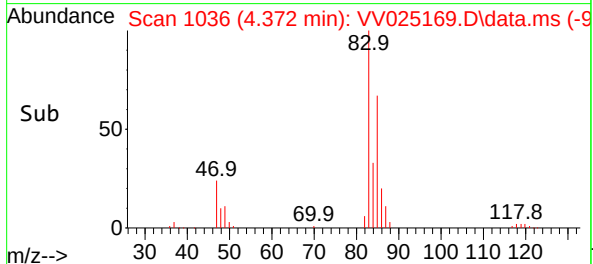
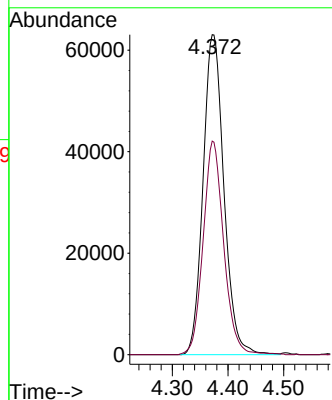
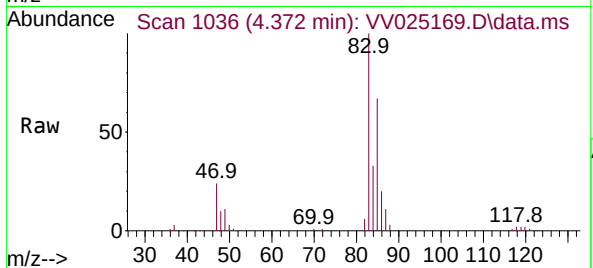
VSTD005348

Tgt Ion: 83 Resp: 164180

Ion Ratio Lower Upper

83 100

85 66.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.182 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV025169.D

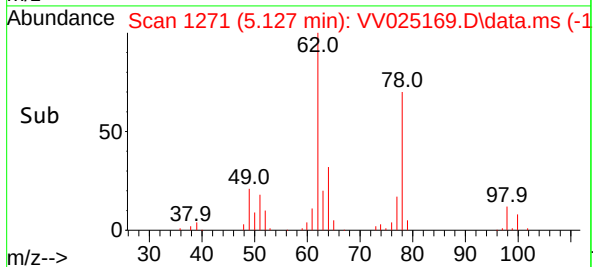
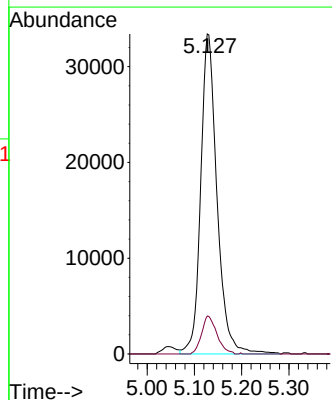
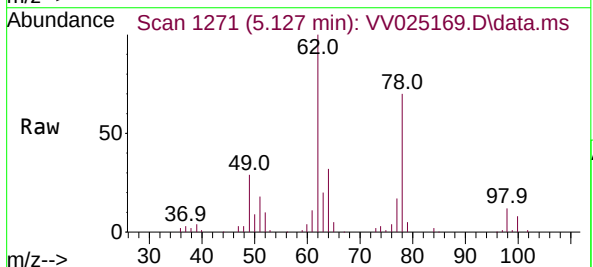
Acq: 25 Mar 2022 10:28

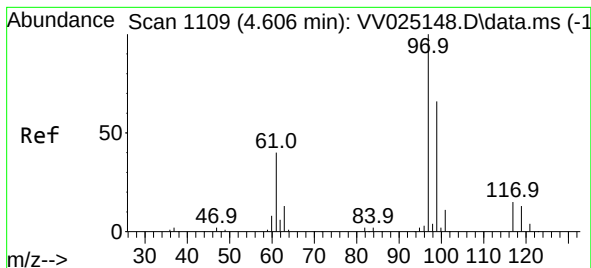
Tgt Ion: 62 Resp: 80247

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 4.230 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

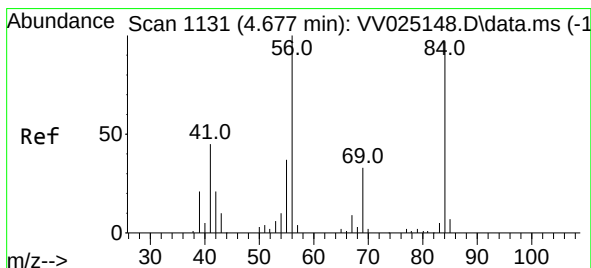
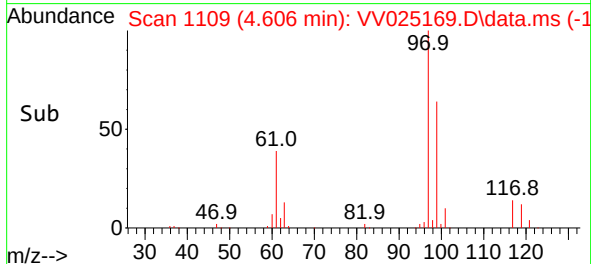
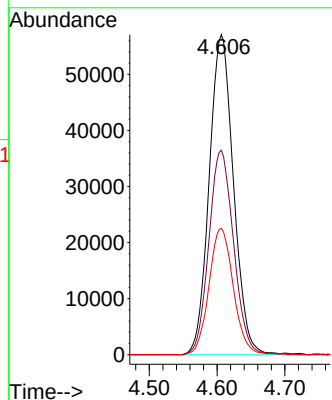
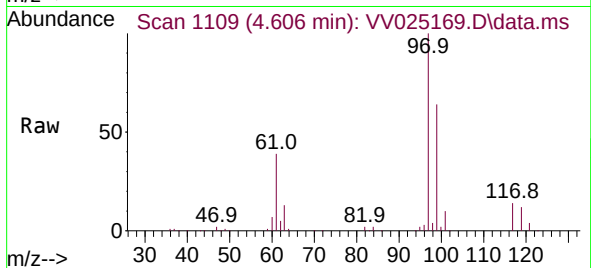
Tgt Ion: 97 Resp: 141909

Ion Ratio Lower Upper

97 100

99 65.0 50.7 76.1

61 39.7 32.4 48.6



#30

Cyclohexane

Concen: 3.799 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

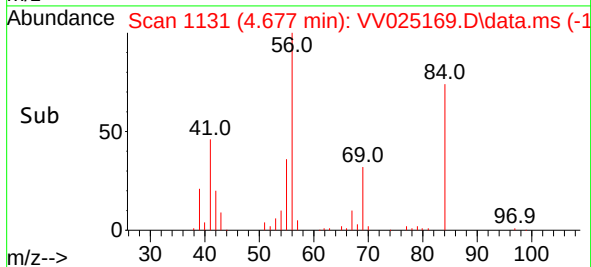
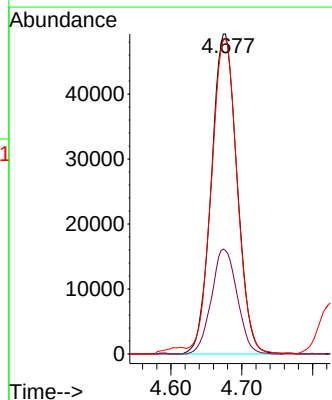
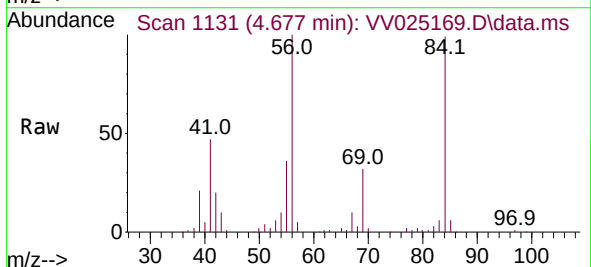
Tgt Ion: 56 Resp: 123993

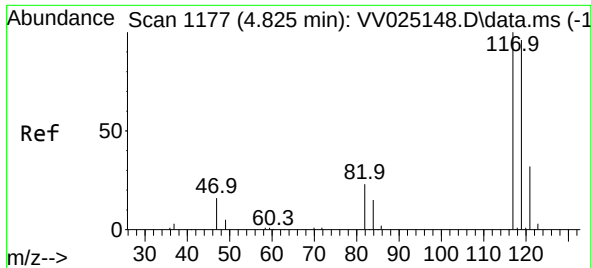
Ion Ratio Lower Upper

56 100

69 32.8 24.9 37.3

84 98.3 75.9 113.9

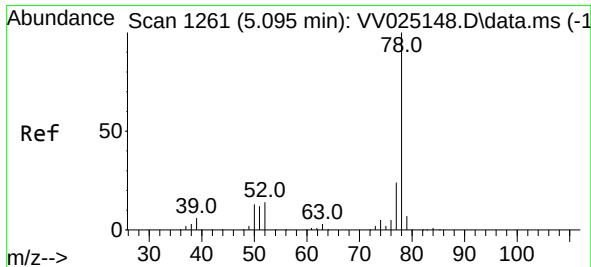
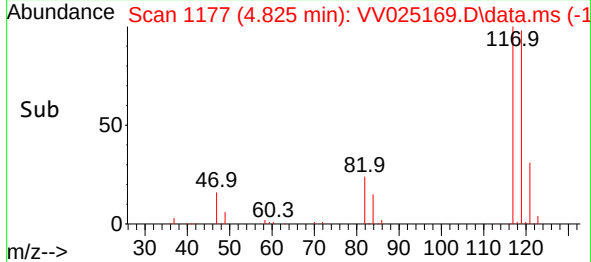
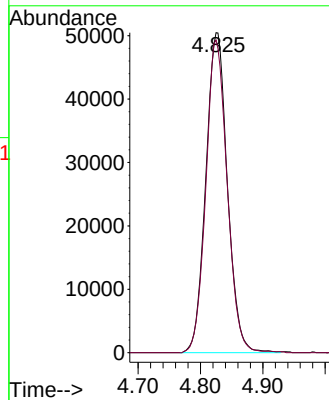
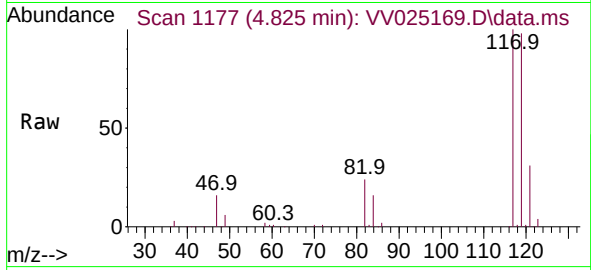




#31
Carbon tetrachloride
Concen: 4.219 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

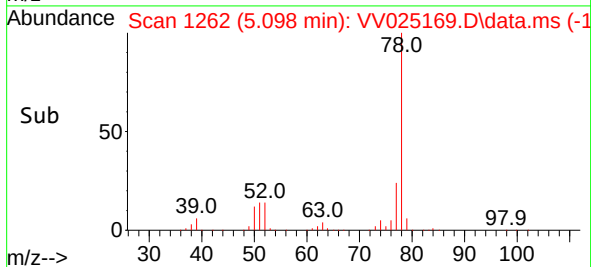
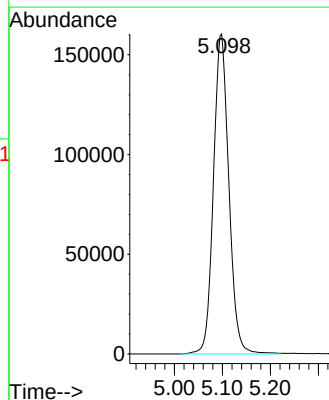
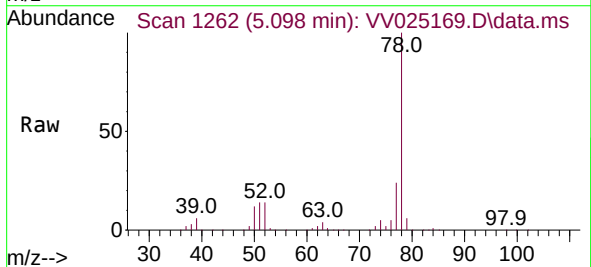
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

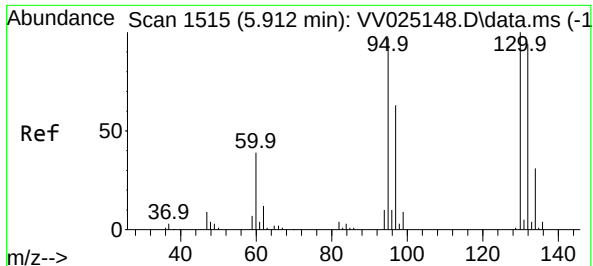
Tgt Ion:117 Resp: 121428
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2



#33
Benzene
Concen: 4.179 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 78 Resp: 357602





#34

Trichloroethene

Concen: 4.240 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

Tgt Ion: 95 Resp: 96602

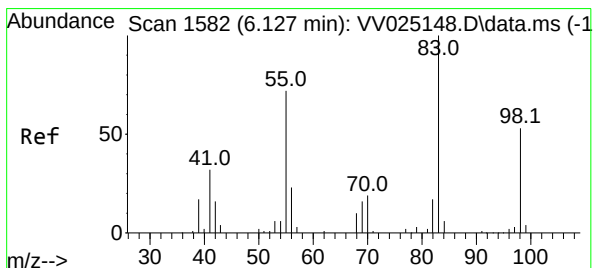
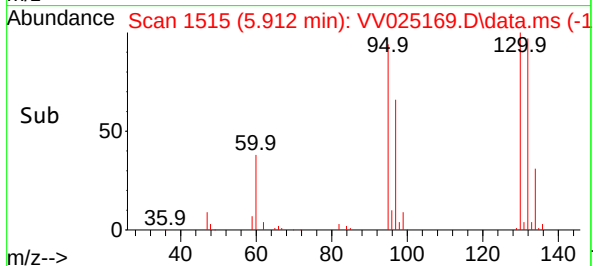
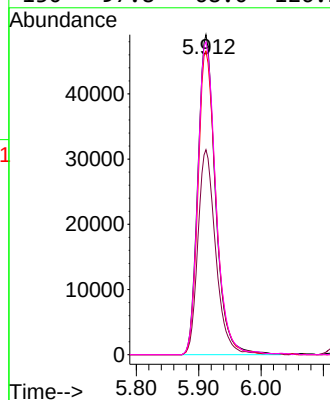
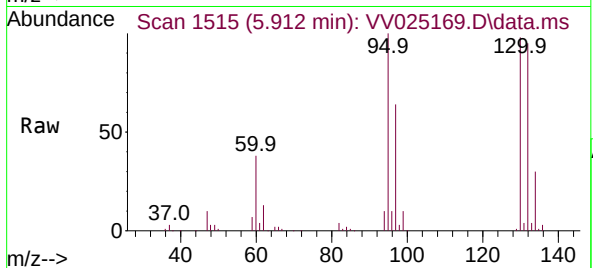
Ion Ratio Lower Upper

95 100

97 64.1 44.5 82.7

132 94.8 66.5 123.5

130 97.8 68.0 126.2



#35

Methylcyclohexane

Concen: 4.089 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

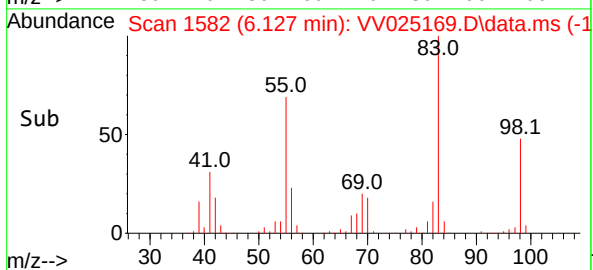
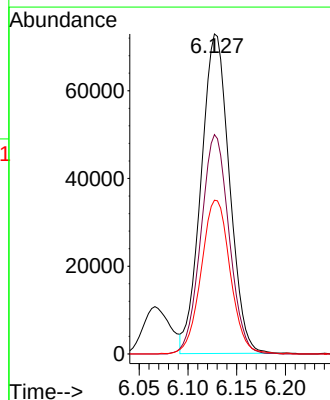
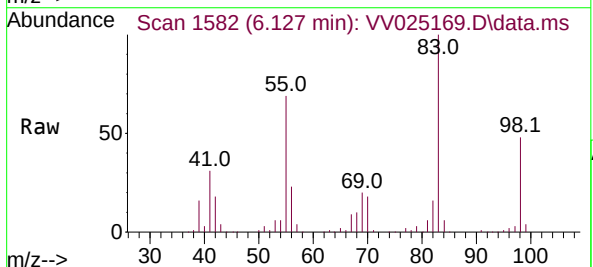
Tgt Ion: 83 Resp: 147483

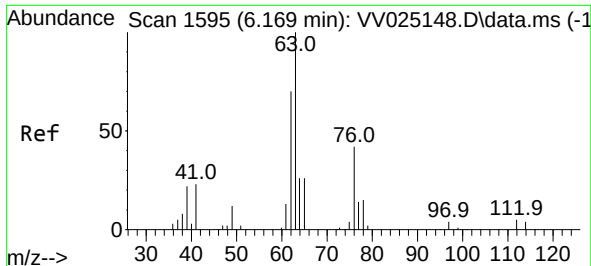
Ion Ratio Lower Upper

83 100

55 68.2 55.4 83.0

98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.370 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

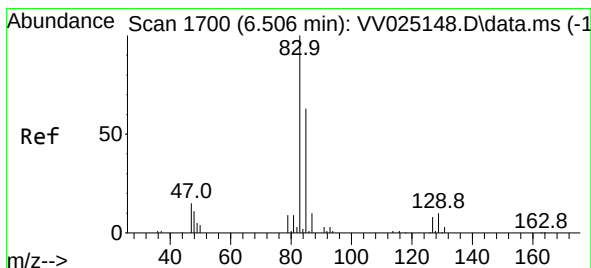
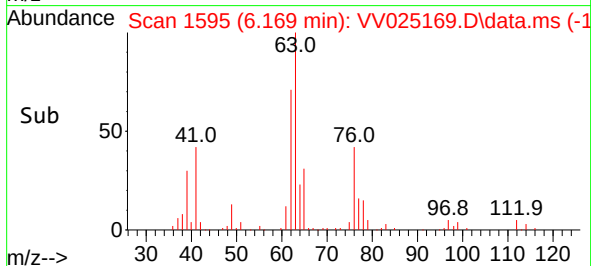
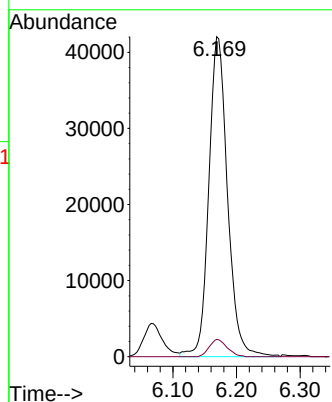
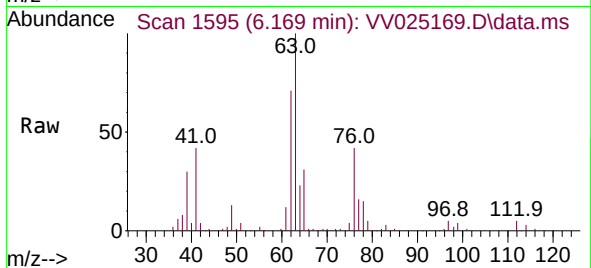
VSTD005348

Tgt Ion: 63 Resp: 85931

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 4.235 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

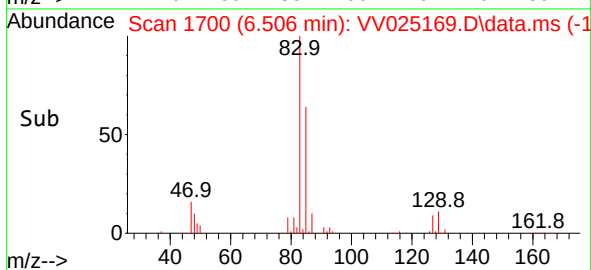
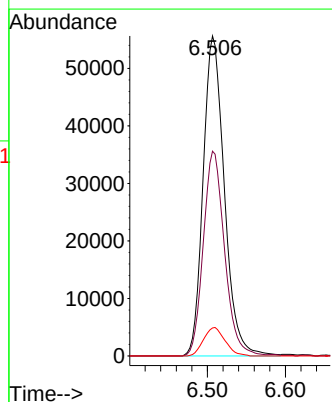
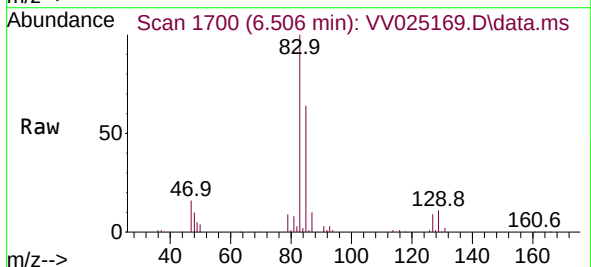
Tgt Ion: 83 Resp: 105321

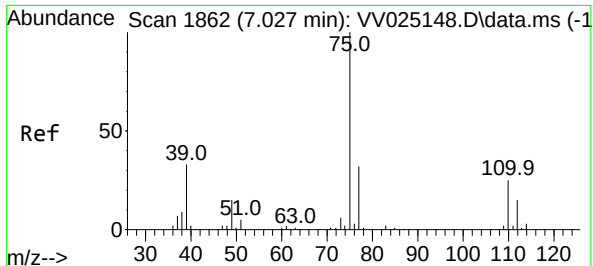
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.117 ug/L

RT: 7.024 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

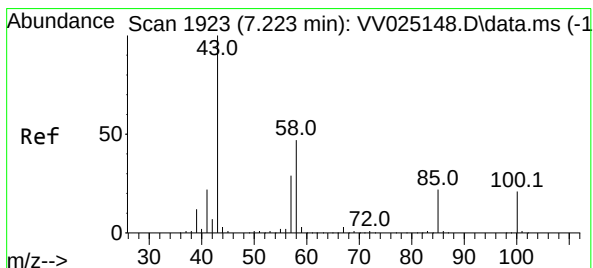
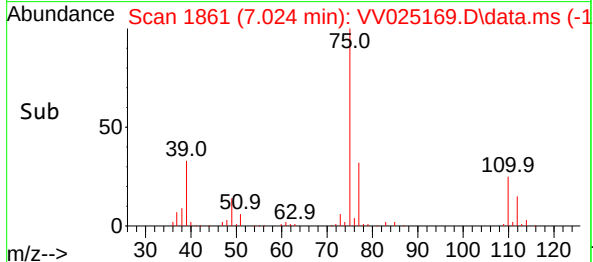
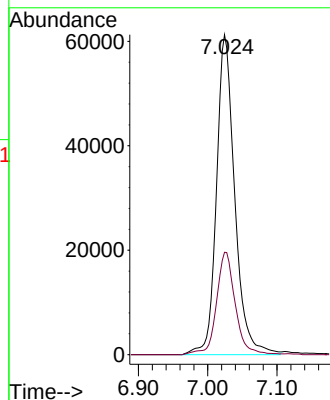
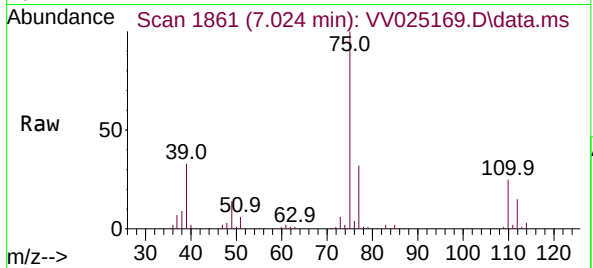
VSTD005348

Tgt Ion: 75 Resp: 112404

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 42.900 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

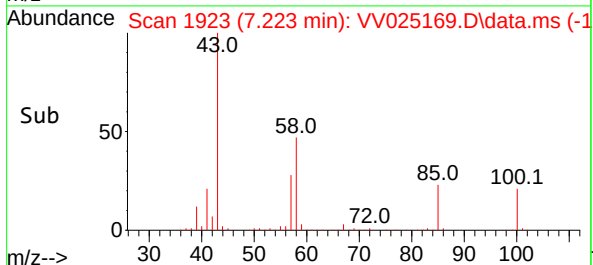
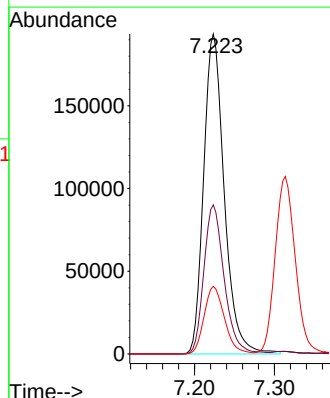
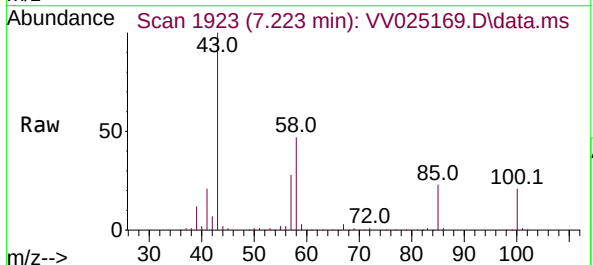
Tgt Ion: 43 Resp: 347125

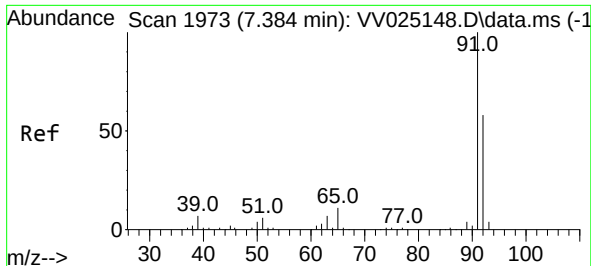
Ion Ratio Lower Upper

43 100

58 46.0 36.6 55.0

100 20.9 13.8 20.8#





#42

Toluene

Concen: 4.318 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

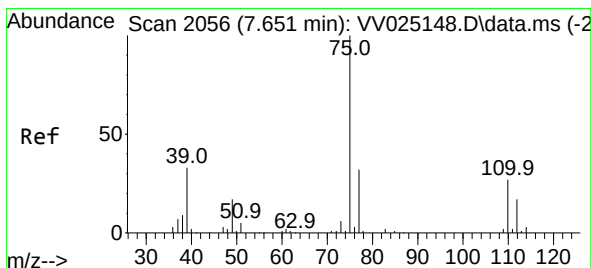
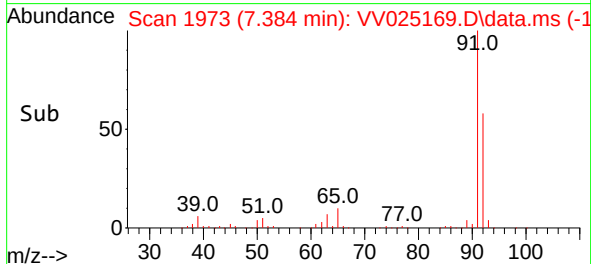
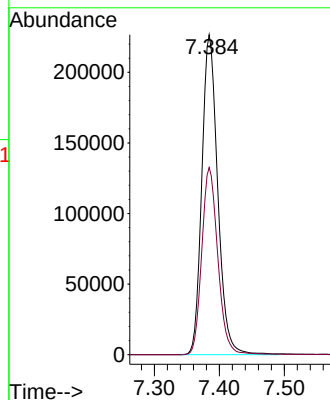
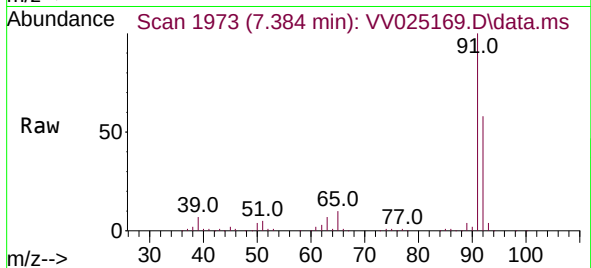
VSTD005348

Tgt Ion: 91 Resp: 386699

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.284 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025169.D

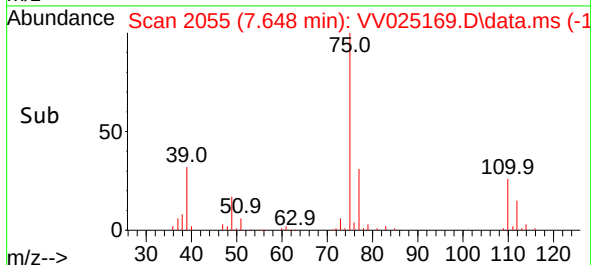
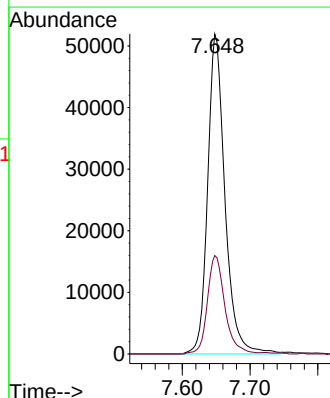
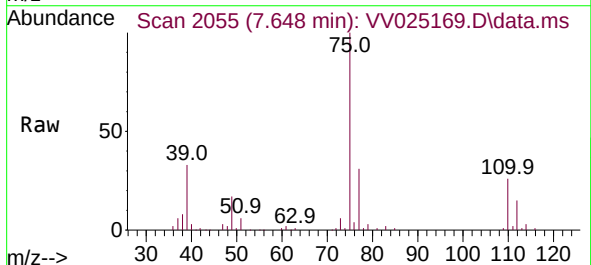
Acq: 25 Mar 2022 10:28

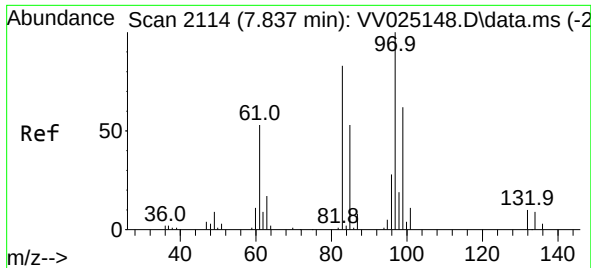
Tgt Ion: 75 Resp: 92045

Ion Ratio Lower Upper

75 100

77 30.7 23.0 42.6

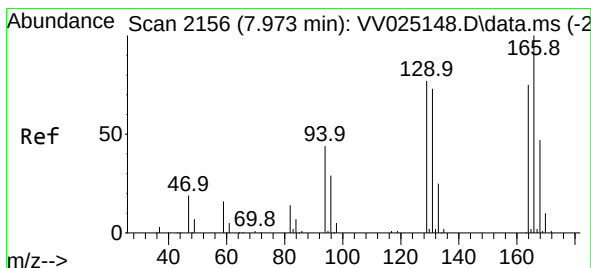
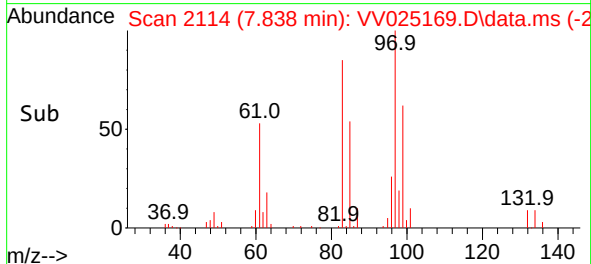
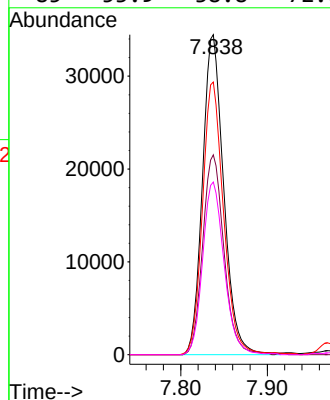
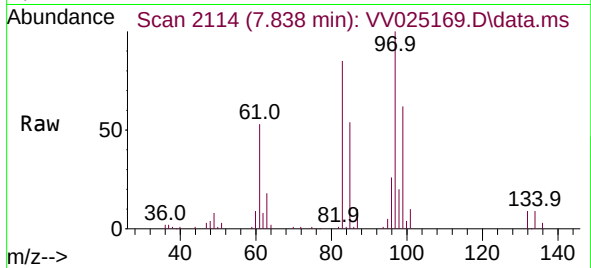




#45
1,1,2-Trichloroethane
Concen: 4.463 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

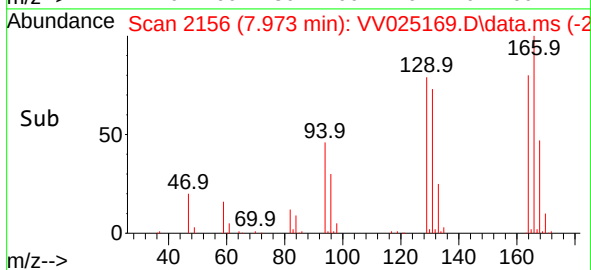
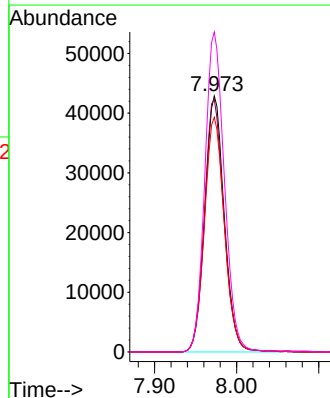
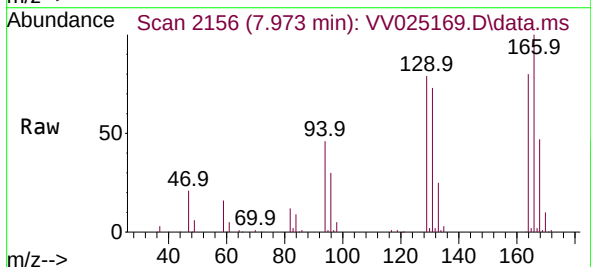
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

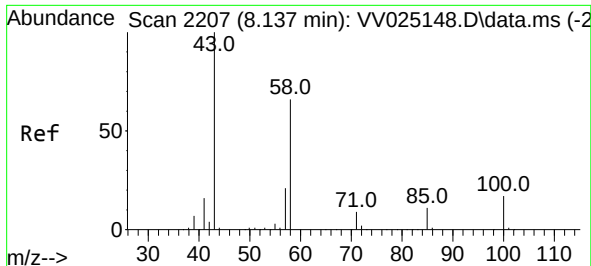
Tgt Ion:	97	Resp:	58610
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	85.2	58.9	109.3
85	53.9	38.8	72.0



#47
Tetrachloroethene
Concen: 4.423 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion:	164	Resp:	70890
Ion	Ratio	Lower	Upper
164	100		
129	98.7	70.3	130.7
131	91.6	69.4	129.0
166	125.0	90.3	167.7

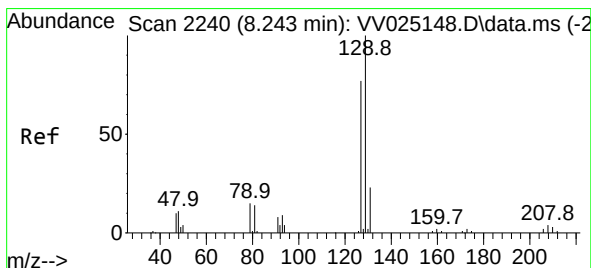
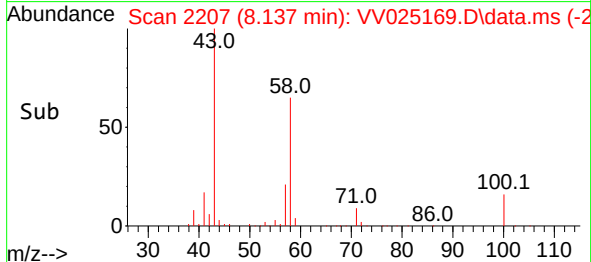
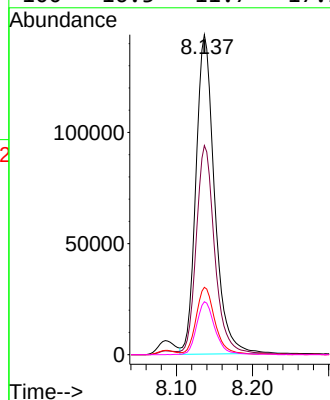
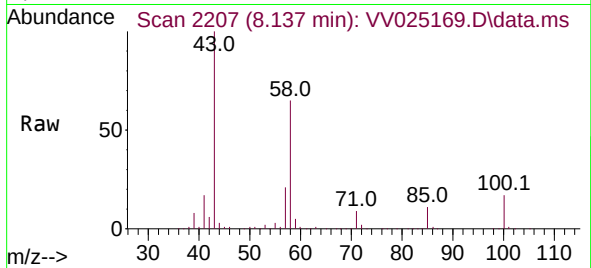




#48
2-Hexanone
Concen: 42.714 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

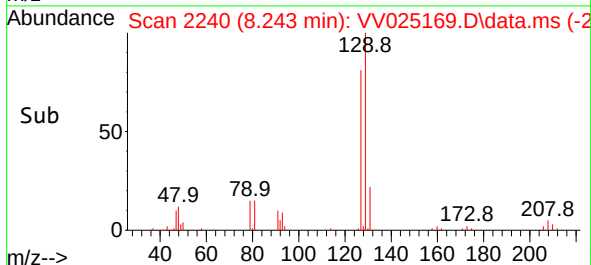
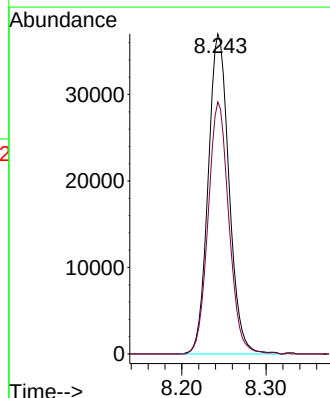
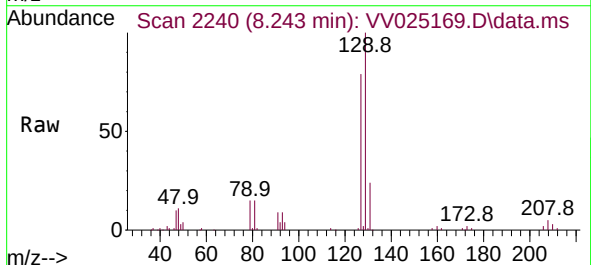
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

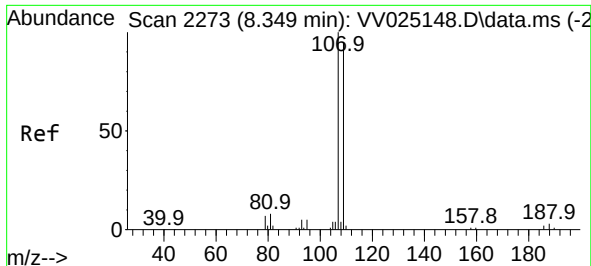
Tgt Ion: 43 Resp: 245026
Ion Ratio Lower Upper
43 100
58 65.0 49.2 73.8
57 21.0 16.0 24.0
100 16.3 11.7 17.5



#49
Dibromochloromethane
Concen: 4.335 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 129 Resp: 63733
Ion Ratio Lower Upper
129 100
127 78.7 54.9 102.1





#50

1,2-Dibromoethane

Concen: 4.408 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

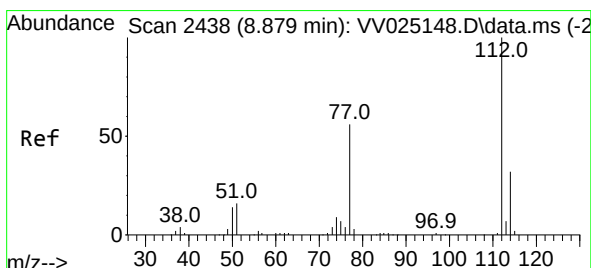
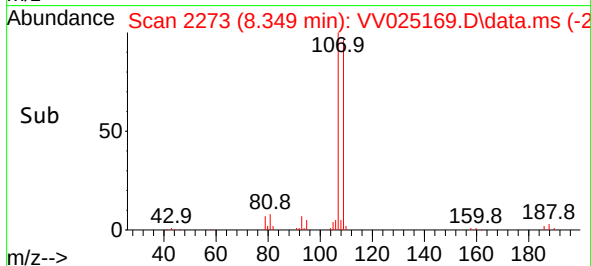
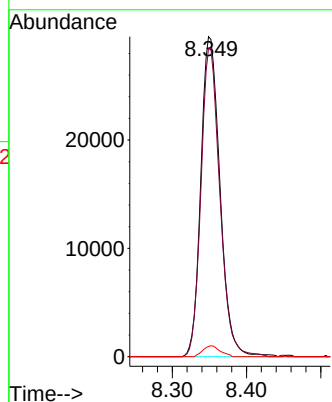
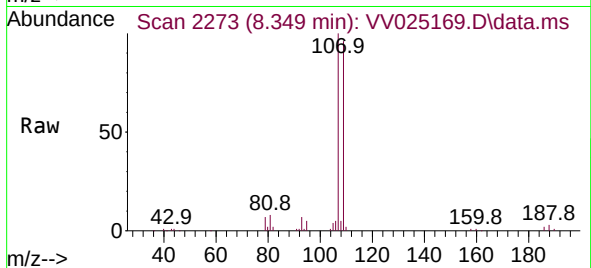
Tgt Ion:107 Resp: 52984

Ion Ratio Lower Upper

107 100

109 96.4 65.5 121.6

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 4.435 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

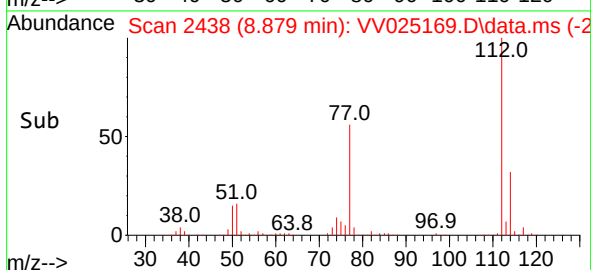
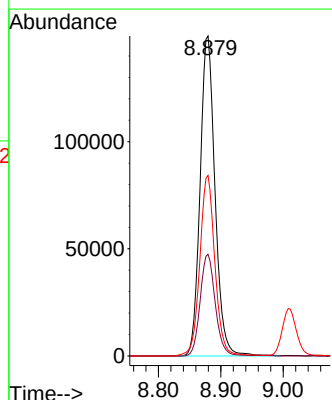
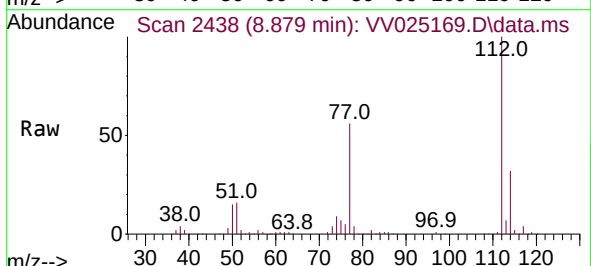
Tgt Ion:112 Resp: 248678

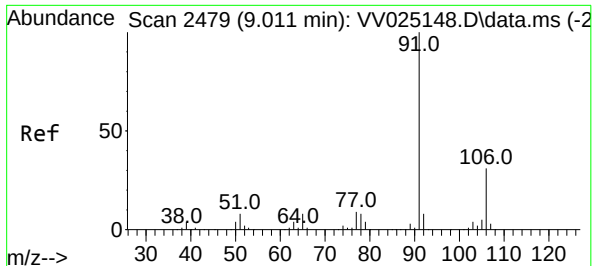
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 56.4 45.3 67.9





#52

Ethylbenzene

Concen: 4.382 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

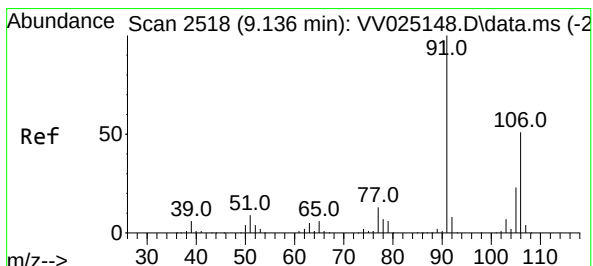
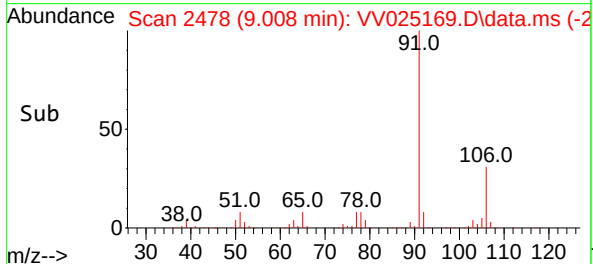
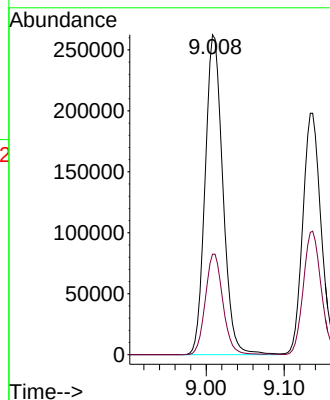
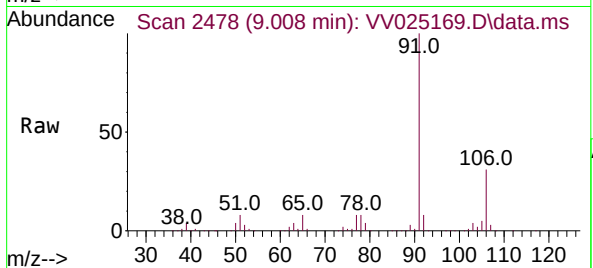
VSTD005348

Tgt Ion: 91 Resp: 415078

Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



#53

m,p-Xylene

Concen: 4.471 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.001 min

Lab File: VV025169.D

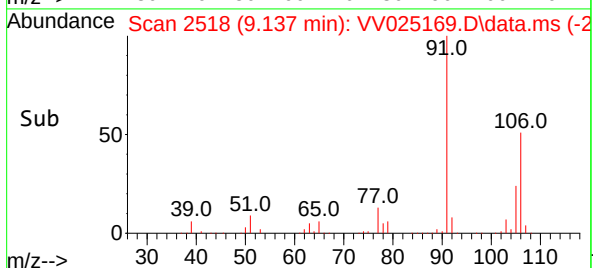
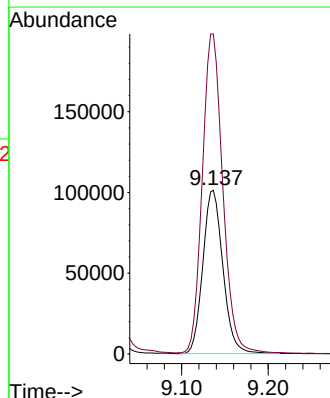
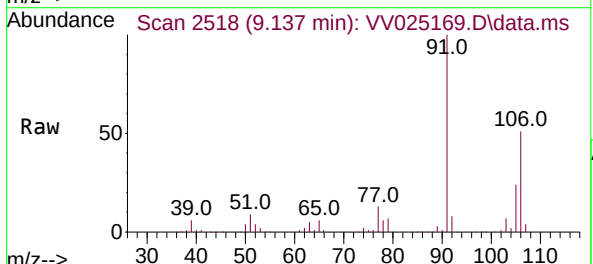
Acq: 25 Mar 2022 10:28

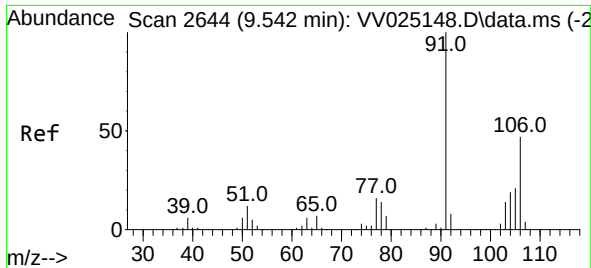
Tgt Ion: 106 Resp: 163109

Ion Ratio Lower Upper

106 100

91 195.5 143.4 266.4

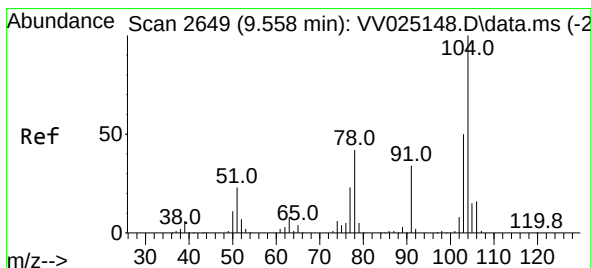
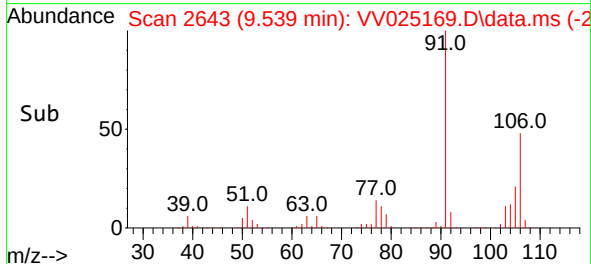
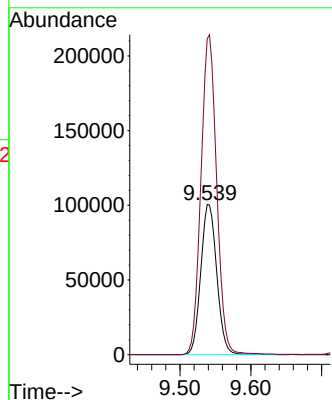
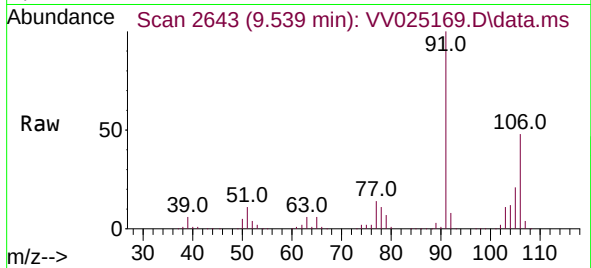




#54
o-Xylene
Concen: 4.519 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

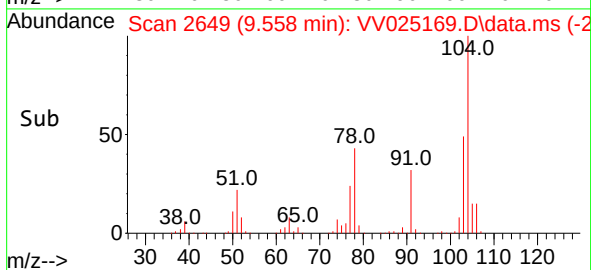
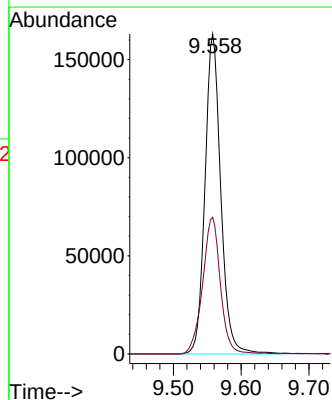
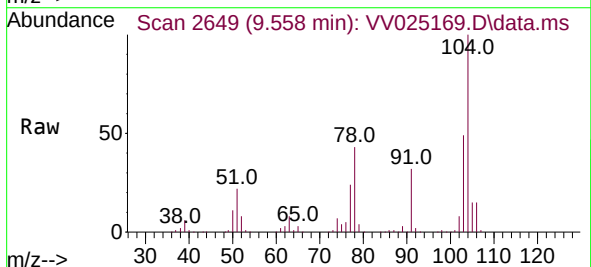
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

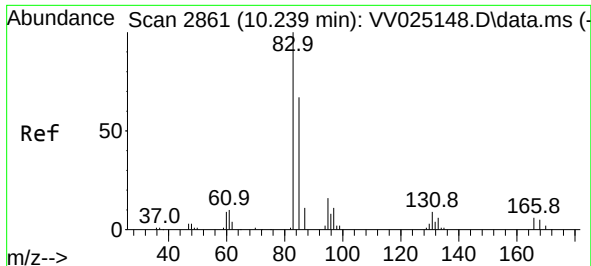
Tgt Ion:106 Resp: 157648
Ion Ratio Lower Upper
106 100
91 210.5 146.7 272.5



#55
Styrene
Concen: 4.641 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion:104 Resp: 263670
Ion Ratio Lower Upper
104 100
78 42.7 30.2 56.2

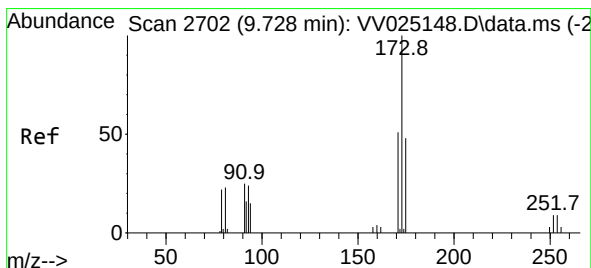
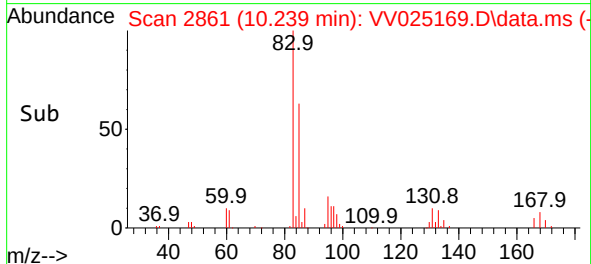
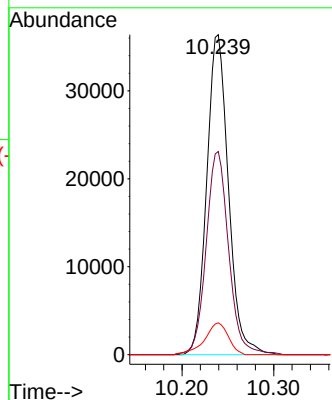
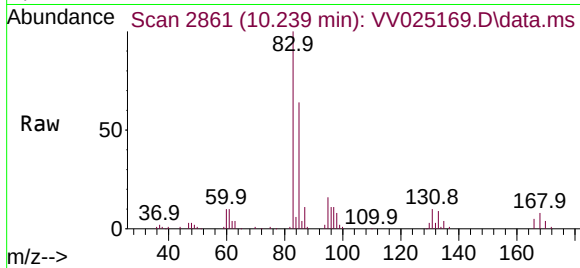




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.649 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

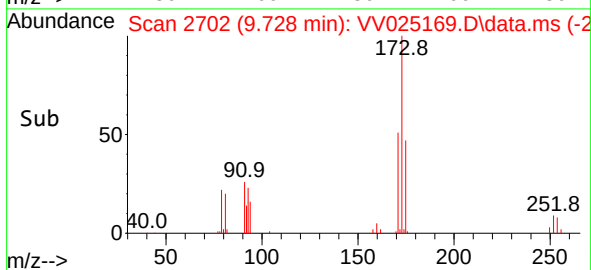
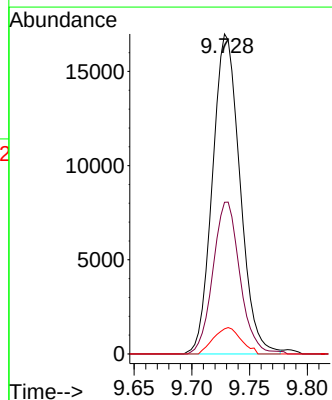
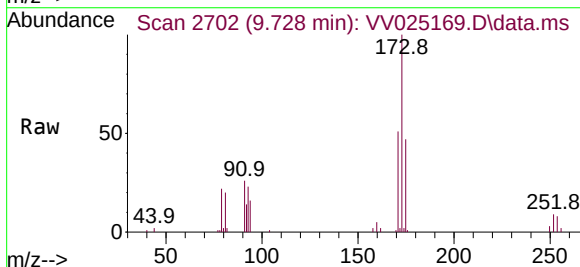
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

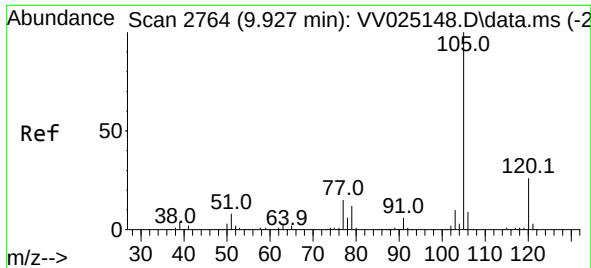
Tgt Ion:	83	Resp:	59863
Ion	Ratio	Lower	Upper
83	100		
85	63.5	43.9	81.5
131	9.9	7.5	11.3



#59
 Bromoform
 Concen: 4.108 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV025169.D
 Acq: 25 Mar 2022 10:28

Tgt Ion:	173	Resp:	28113
Ion	Ratio	Lower	Upper
173	100		
175	46.7	37.8	56.8
254	8.2	5.8	8.6

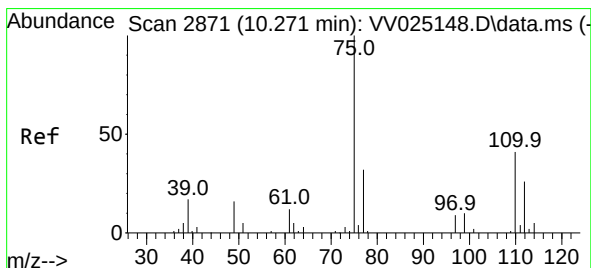
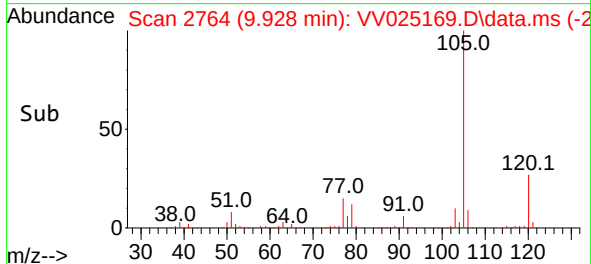
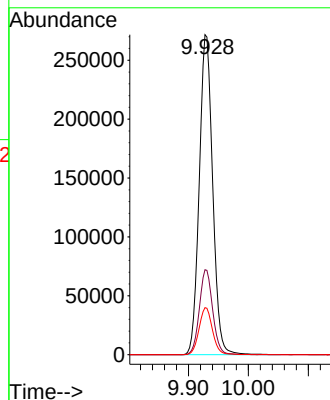
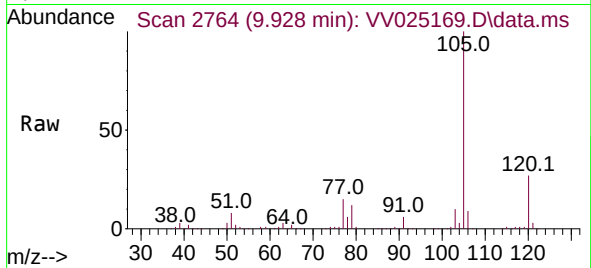




#60
Isopropylbenzene
Concen: 4.420 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

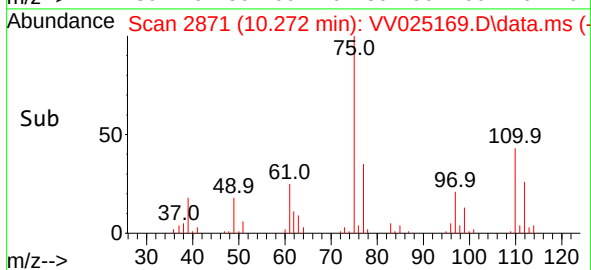
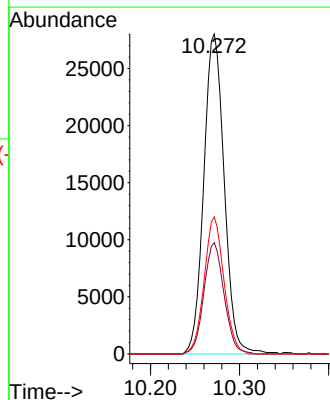
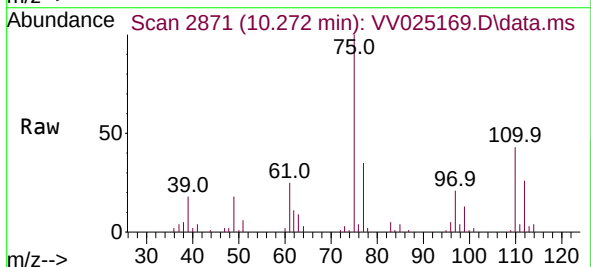
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

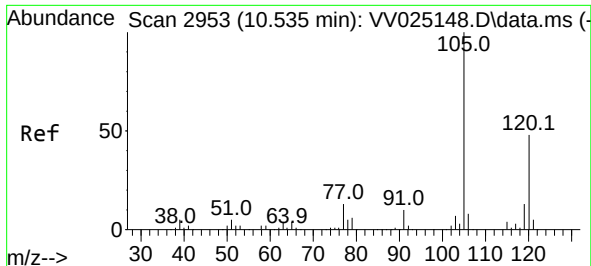
Tgt Ion:105 Resp: 423538
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.186 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion: 75 Resp: 44738
Ion Ratio Lower Upper
75 100
77 34.2 25.7 38.5
110 41.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.399 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

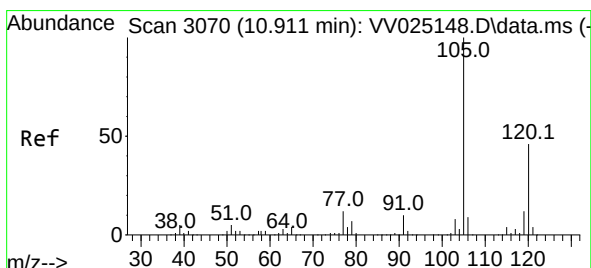
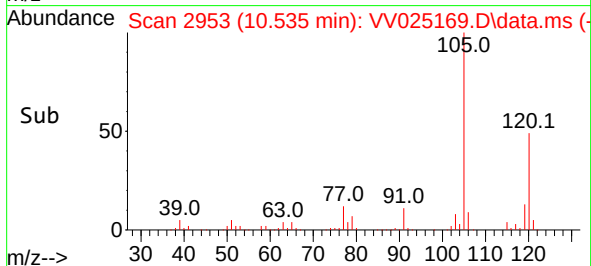
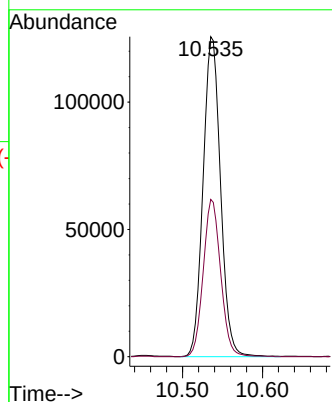
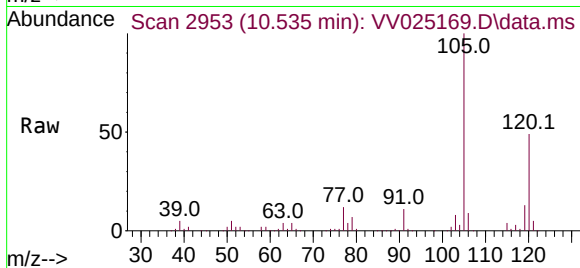
VSTD005348

Tgt Ion:105 Resp: 191274

Ion Ratio Lower Upper

105 100

120 49.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.576 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025169.D

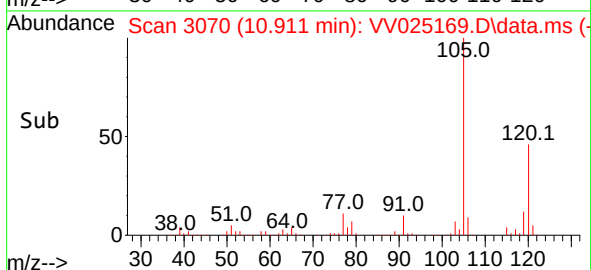
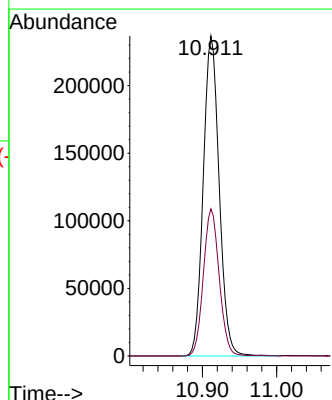
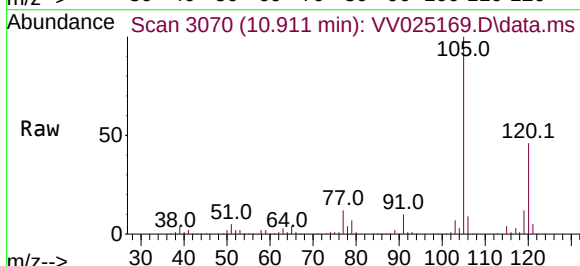
Acq: 25 Mar 2022 10:28

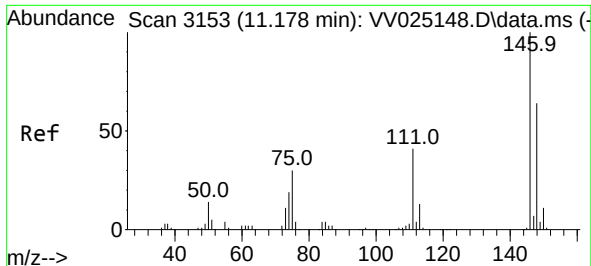
Tgt Ion:105 Resp: 352447

Ion Ratio Lower Upper

105 100

120 45.7 35.8 53.8

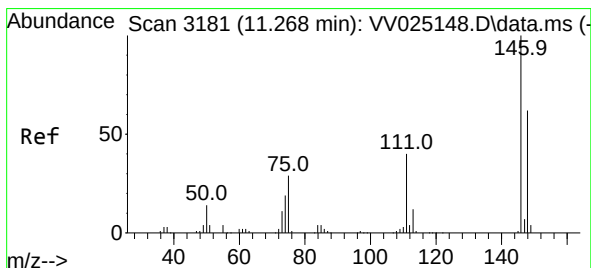
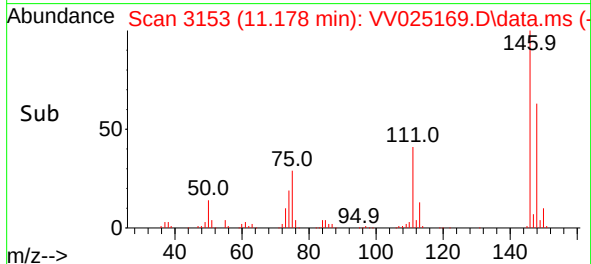
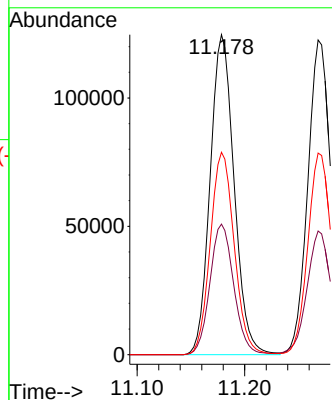
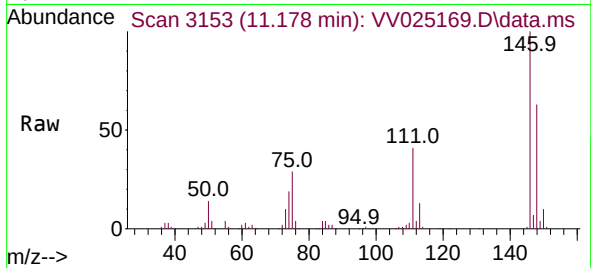




#64
1,3-Dichlorobenzene
Concen: 4.643 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

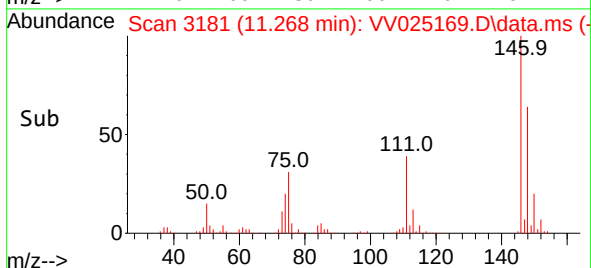
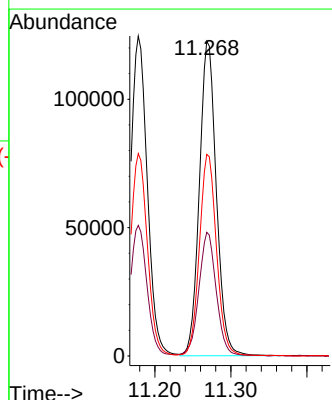
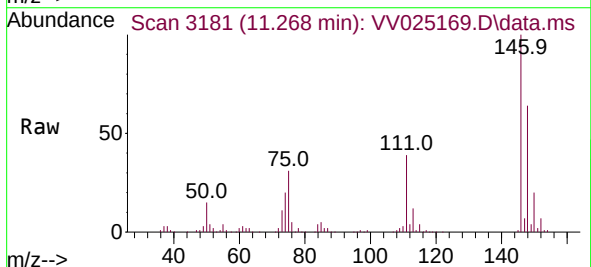
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

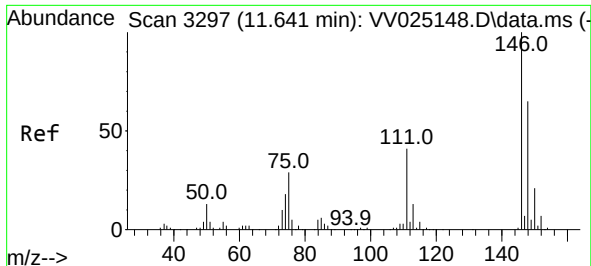
Tgt Ion:146 Resp: 193022
Ion Ratio Lower Upper
146 100
111 40.8 29.2 54.2
148 63.2 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.528 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV025169.D
Acq: 25 Mar 2022 10:28

Tgt Ion:146 Resp: 189741
Ion Ratio Lower Upper
146 100
111 39.3 28.2 52.4
148 64.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.599 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

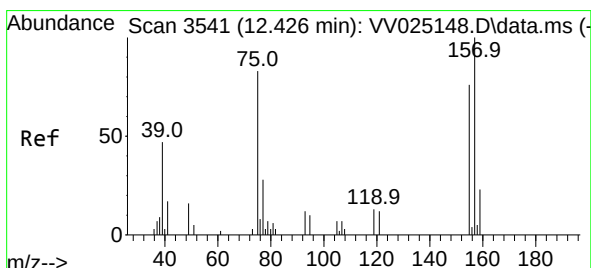
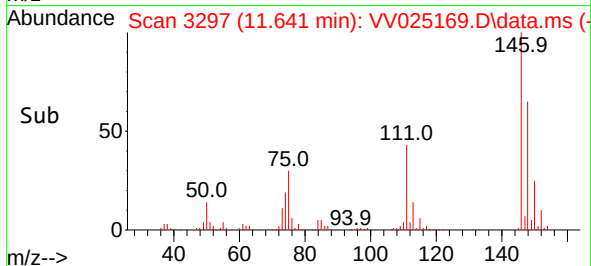
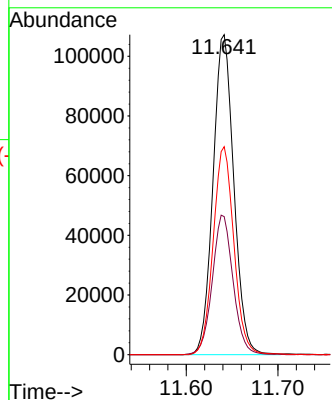
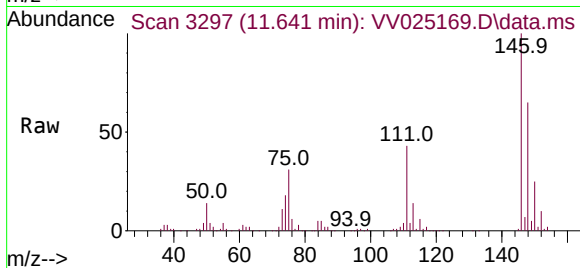
Tgt Ion:146 Resp: 169414

Ion Ratio Lower Upper

146 100

111 43.1 35.5 53.3

148 65.0 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.322 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

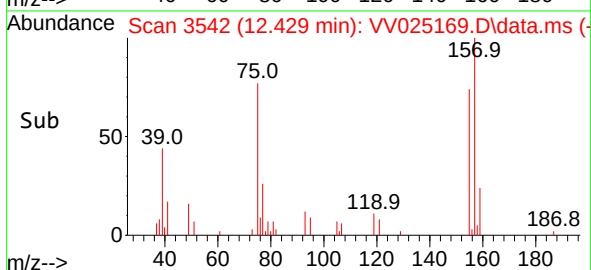
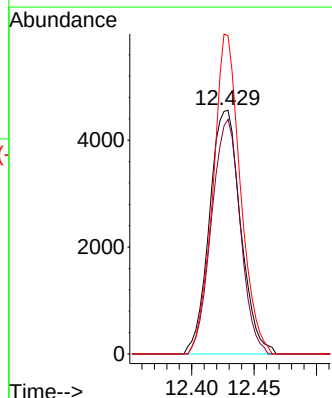
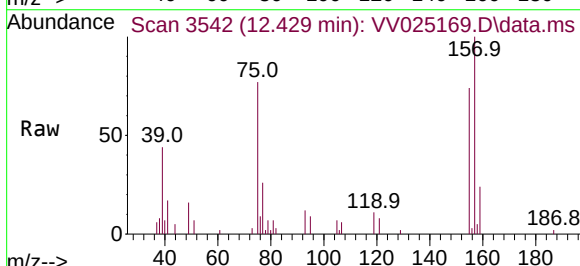
Tgt Ion: 75 Resp: 7918

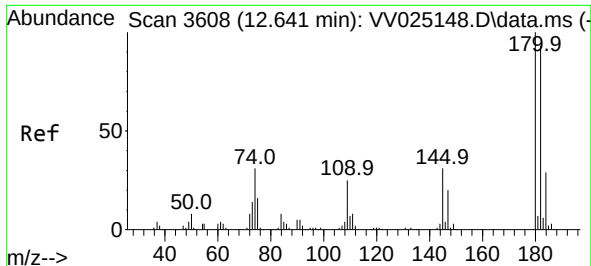
Ion Ratio Lower Upper

75 100

155 96.3 65.9 98.9

157 130.6 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.798 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

Tgt Ion:180 Resp: 140883

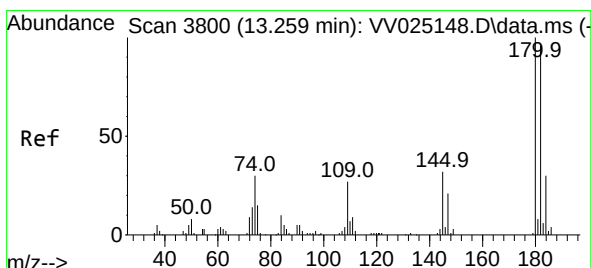
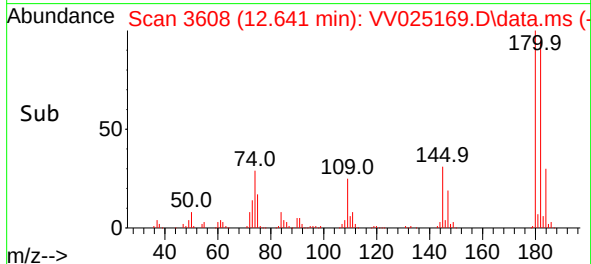
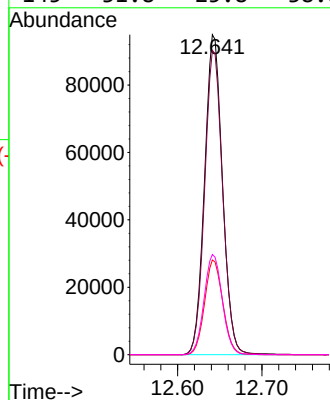
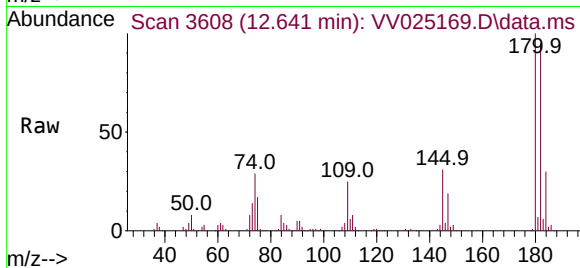
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

184 30.0 24.2 36.4

145 31.8 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 4.845 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

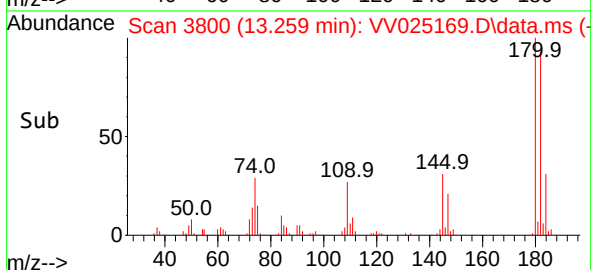
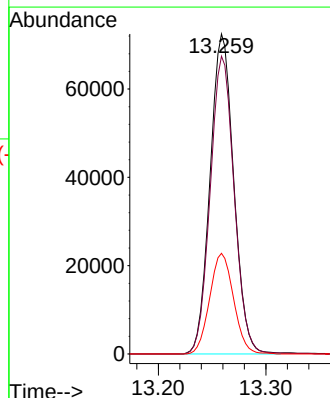
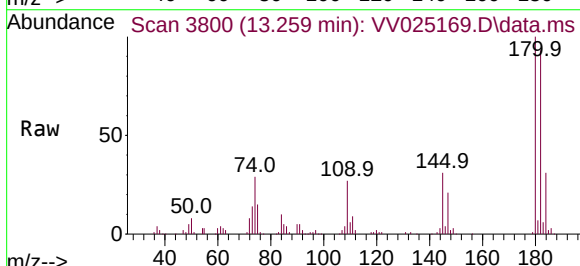
Tgt Ion:180 Resp: 110854

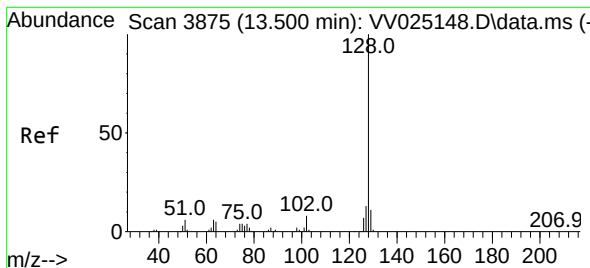
Ion Ratio Lower Upper

180 100

182 94.1 74.6 112.0

145 31.7 26.1 39.1





#71

Naphthalene

Concen: 4.596 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

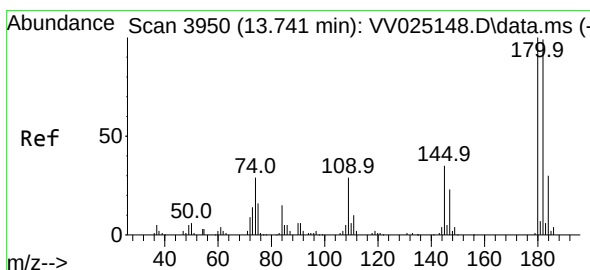
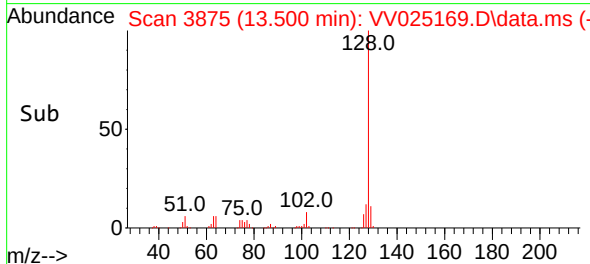
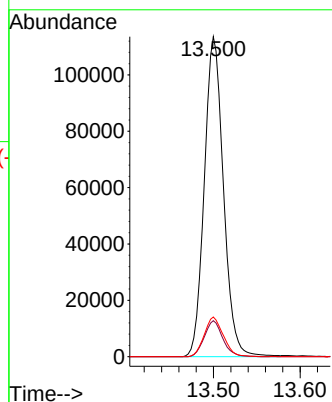
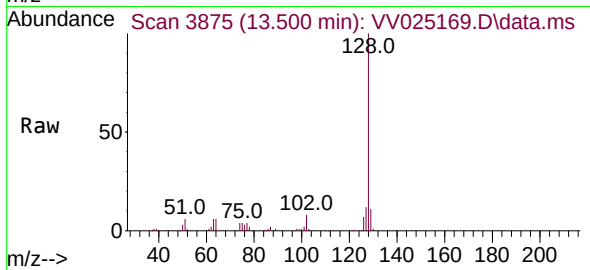
Tgt Ion:128 Resp: 174599

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.3 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 4.750 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025169.D

Acq: 25 Mar 2022 10:28

Tgt Ion:180 Resp: 92090

Ion Ratio Lower Upper

180 100

182 94.0 74.8 112.2

145 34.5 27.6 41.4

