

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033122\
 Data File : VW025335.D
 Acq On : 31 Mar 2022 16:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Quant Time: Apr 01 01:33:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 01 01:30:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62289	4.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	54770	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.111	63	130145	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.892	46	68589	51.995	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.980%
24) Chloroform-d	4.349	84	89563	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.031	65	38025	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	174180	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.069	67	46482	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.313	98	160949	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.622	79	15695	4.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.088	63	55577	48.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33656	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53608	4.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	73290	5.175	ug/L	100
3) Chloromethane	1.243	50	83685	5.010	ug/L	99
5) Vinyl chloride	1.314	62	91625	4.912	ug/L	98
6) Bromomethane	1.523	94	55061	4.972	ug/L	99
8) Chloroethane	1.587	64	64582	5.516	ug/L	97
9) Trichlorofluoromethane	1.754	101	138445	5.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	71830	4.795	ug/L	99
12) 1,1-Dichloroethene	2.121	96	71723	5.025	ug/L	98
13) Acetone	2.185	43	59951	59.558	ug/L	78
14) Carbon disulfide	2.294	76	159303	5.387	ug/L	99
15) Methyl Acetate	2.439	43	13947	6.086	ug/L	93
16) Methylene chloride	2.507	84	58309	5.203	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	99152	5.491	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	57057	5.569	ug/L	96
19) 1,1-Dichloroethane	3.188	63	96874	5.664	ug/L	99
21) 2-Butanone	3.976	43	87264	63.002	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	59765	5.742	ug/L	91
23) Bromochloromethane	4.249	128	25924	5.971	ug/L	96
25) Chloroform	4.375	83	108027	5.693	ug/L	98

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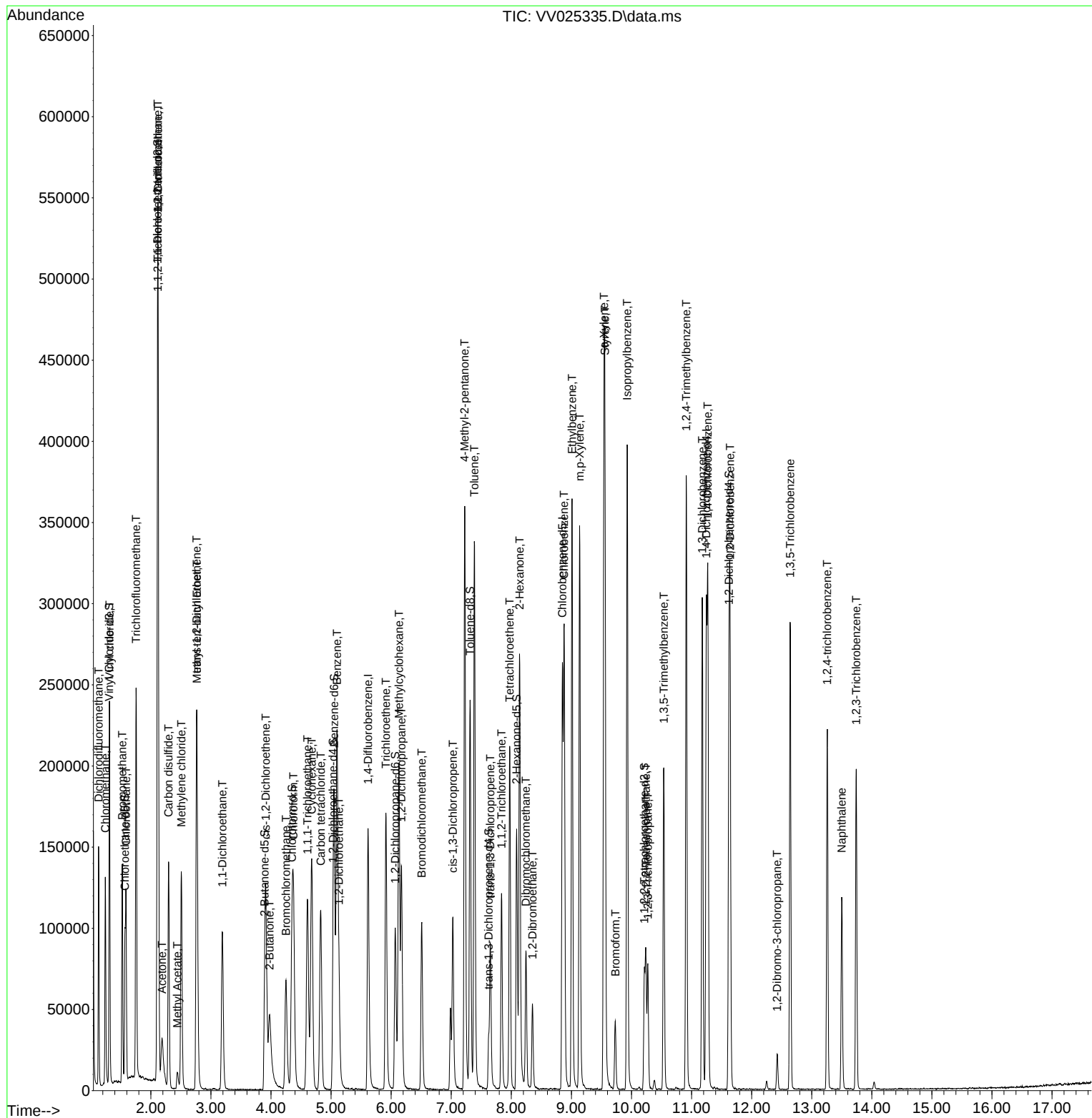
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55766	5.691	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	95785	5.801	ug/L	99
30) Cyclohexane	4.677	56	71544	4.845	ug/L	99
31) Carbon tetrachloride	4.828	117	82438	5.768	ug/L	98
33) Benzene	5.098	78	230628	5.758	ug/L	100
34) Trichloroethene	5.912	95	60379	5.490	ug/L	95
35) Methylcyclohexane	6.130	83	82898	4.810	ug/L	99
37) 1,2-Dichloropropane	6.172	63	51990	5.596	ug/L	100
38) Bromodichloromethane	6.510	83	70731	6.009	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	65877	5.468	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	218620	58.932	ug/L	100
42) Toluene	7.384	91	248932	5.822	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	52178	5.509	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	37540	5.901	ug/L	96
47) Tetrachloroethene	7.973	164	45435	5.602	ug/L	98
48) 2-Hexanone	8.137	43	157288	59.282	ug/L	98
49) Dibromochloromethane	8.243	129	42165	6.159	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34274	5.783	ug/L	98
51) Chlorobenzene	8.879	112	157605	5.708	ug/L	99
52) Ethylbenzene	9.011	91	255192	5.627	ug/L	99
53) m,p-Xylene	9.137	106	100225	5.682	ug/L	94
54) o-Xylene	9.542	106	95674	5.674	ug/L	96
55) Styrene	9.558	104	166298	5.998	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39591	5.970	ug/L	98
59) Bromoform	9.731	173	18240	6.260	ug/L	99
60) Isopropylbenzene	9.928	105	257331	5.443	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29286	5.430	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	108219	5.105	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	200762	5.308	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	120860	5.459	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	118304	5.336	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	106713	5.477	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.423	75	5205	5.390	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.641	180	84111	5.266	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	63691	5.285	ug/L	97
71) Naphthalene	13.500	128	94242	5.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55195	5.316	ug/L	97

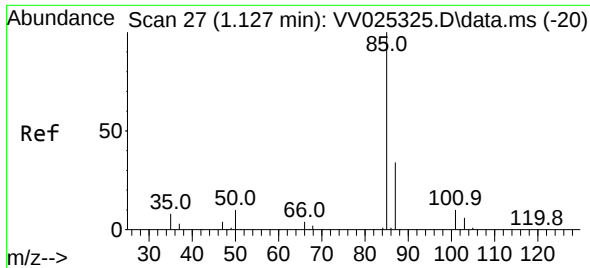
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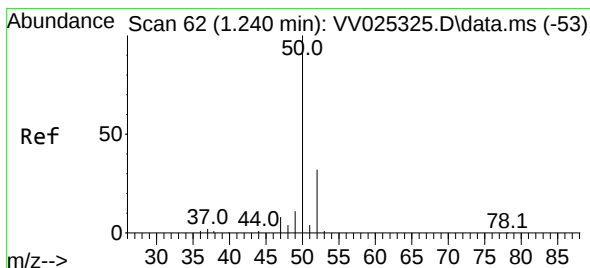
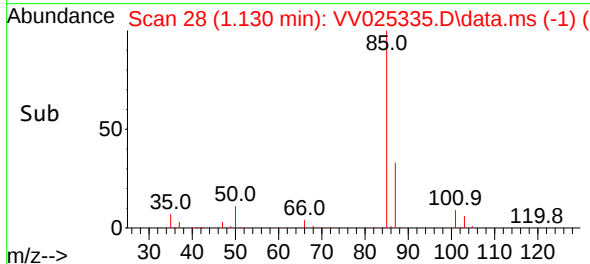
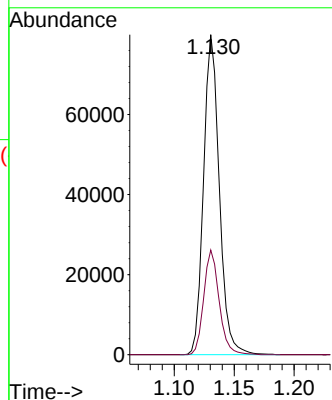
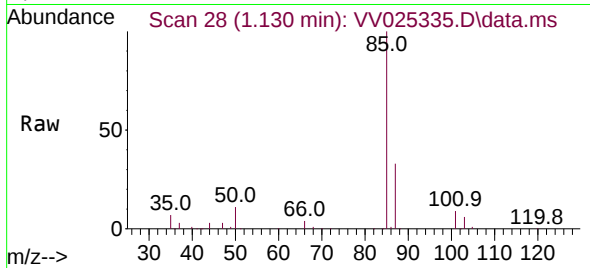




#2
 Dichlorodifluoromethane
 Concen: 5.175 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

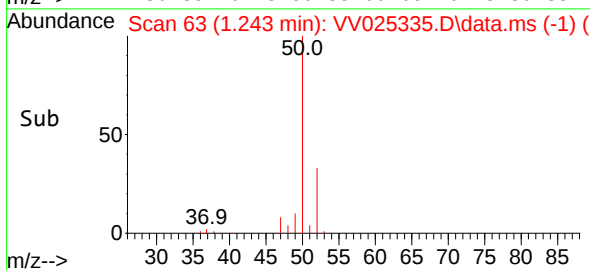
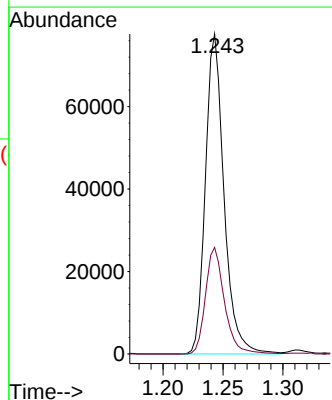
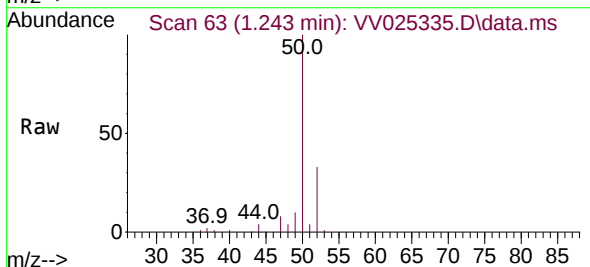
Instrument :
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 ClientSampleId :
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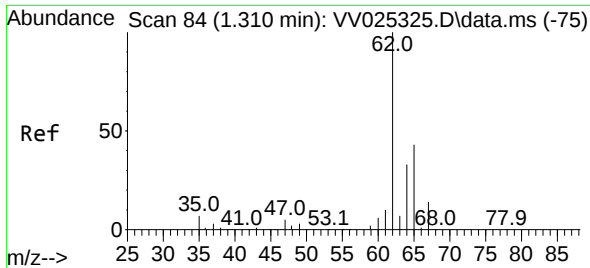
Tgt Ion: 85 Resp: 73290
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 5.010 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

Tgt Ion: 50 Resp: 83685
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

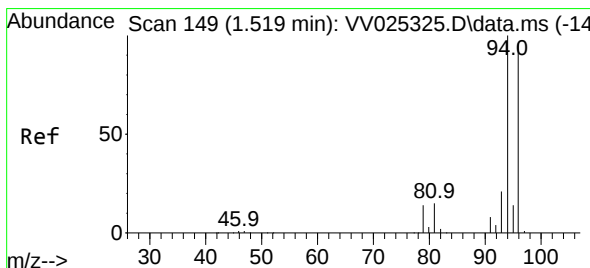
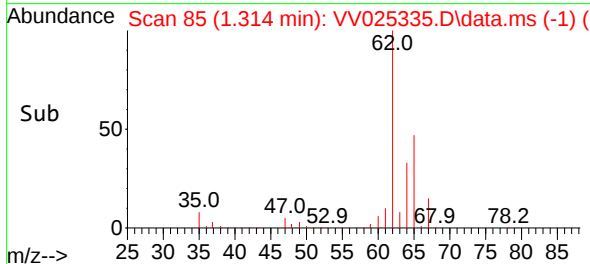
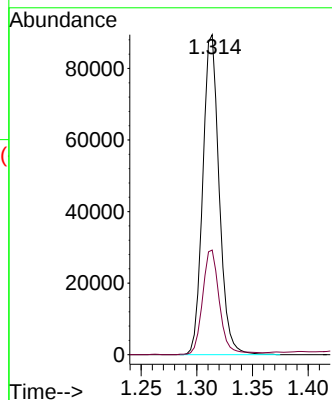
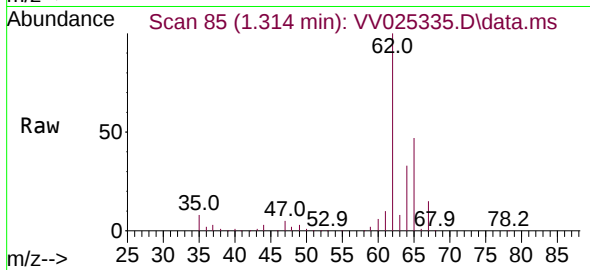




#5
 Vinyl chloride
 Concen: 4.912 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

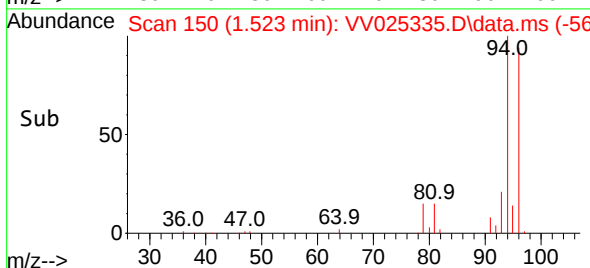
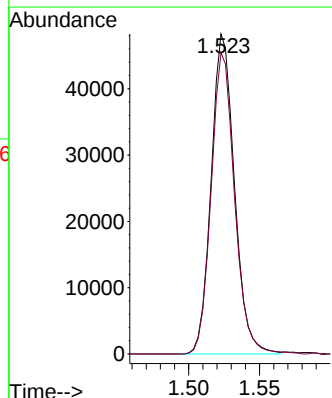
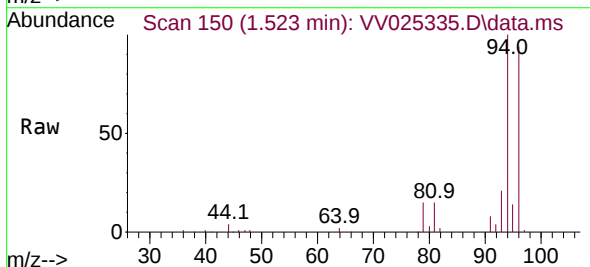
Instrument :
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 ClientSampleId :
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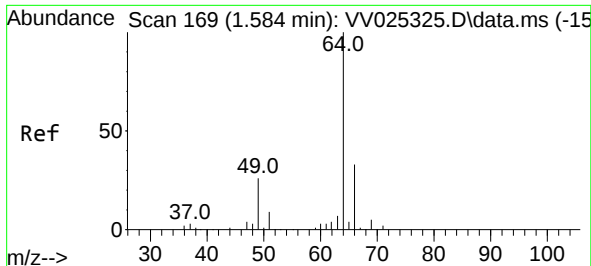
Tgt Ion: 62 Resp: 91625
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 40.8



#6
 Bromomethane
 Concen: 4.972 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

Tgt Ion: 94 Resp: 55061
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.5 121.7

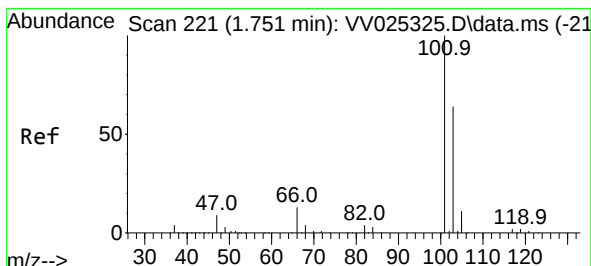
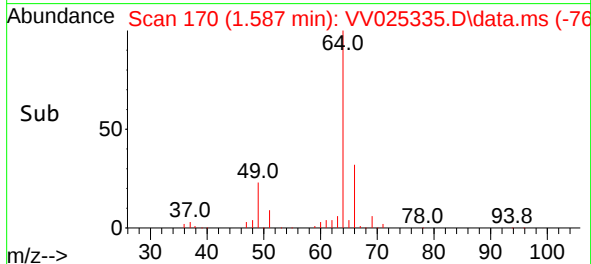
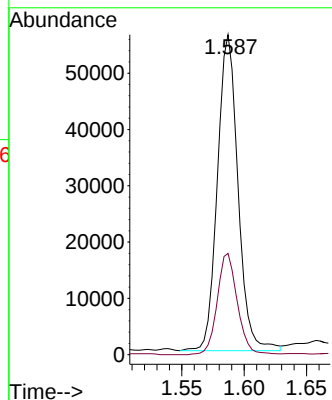
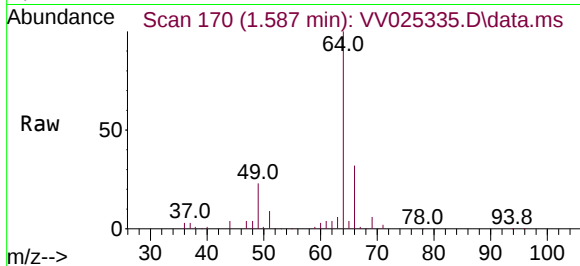




#8
Chloroethane
Concen: 5.516 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

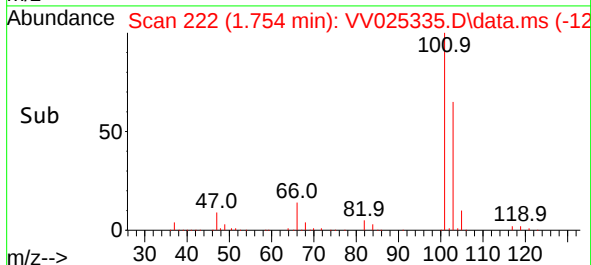
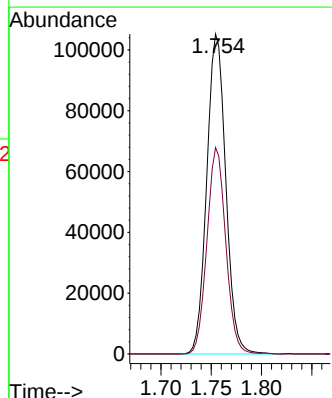
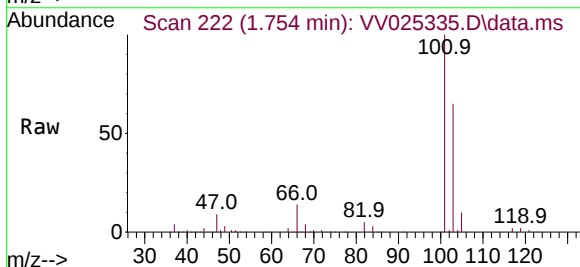
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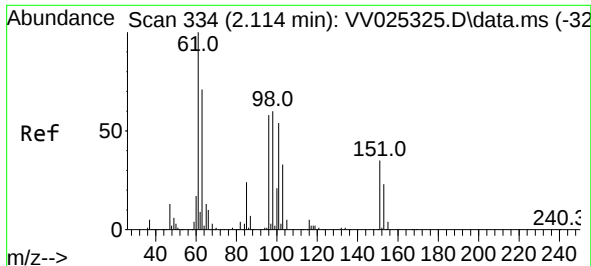
Tgt Ion: 64 Resp: 64582
Ion Ratio Lower Upper
64 100
66 31.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.490 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 101 Resp: 138445
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

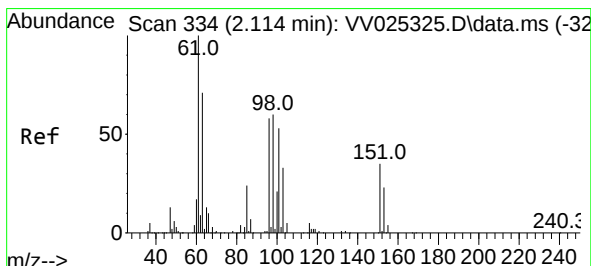
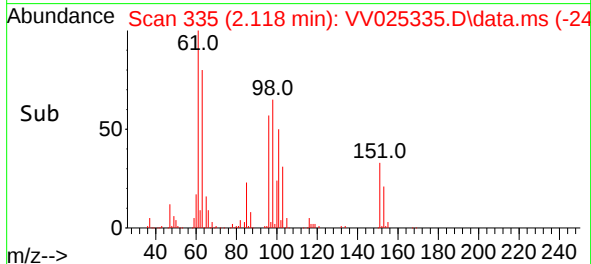
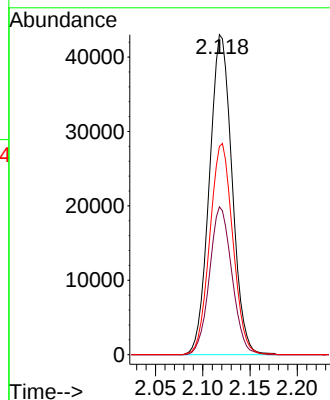
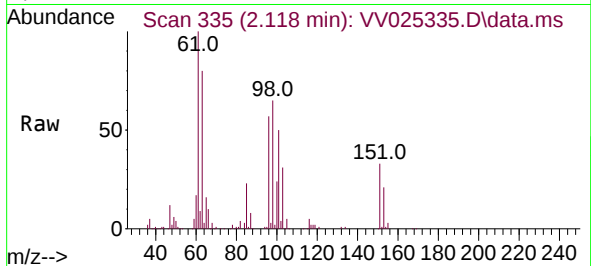




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.795 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

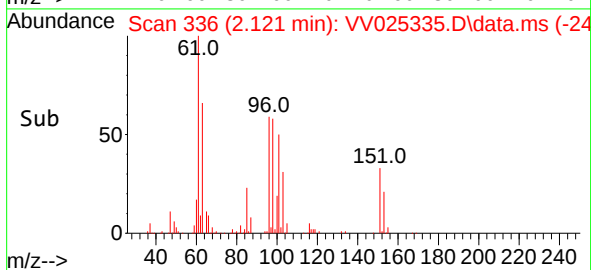
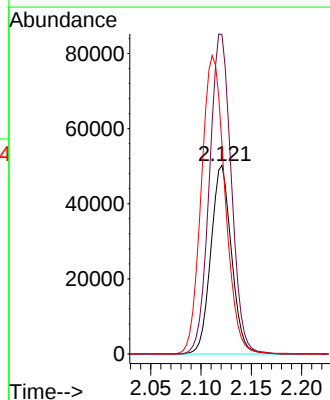
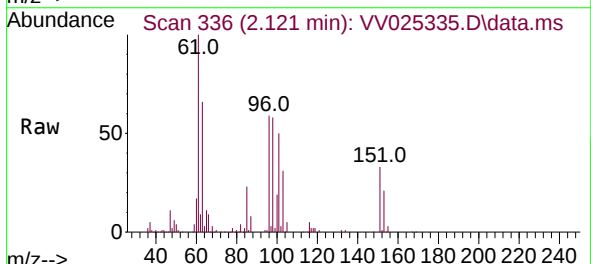
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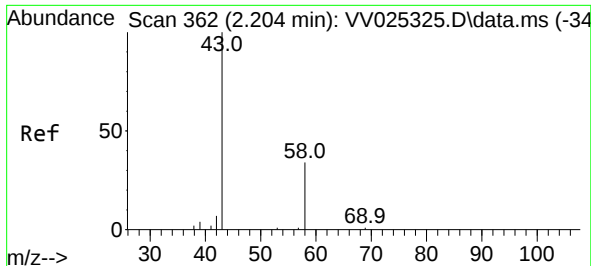
Tgt Ion:101 Resp: 71830
Ion Ratio Lower Upper
101 100
85 45.6 36.0 54.0
151 67.1 54.6 81.8



#12
1,1-Dichloroethene
Concen: 5.025 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 96 Resp: 71723
Ion Ratio Lower Upper
96 100
61 169.3 121.5 225.7
63 110.9 77.9 144.7





#13

Acetone

Concen: 59.558 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

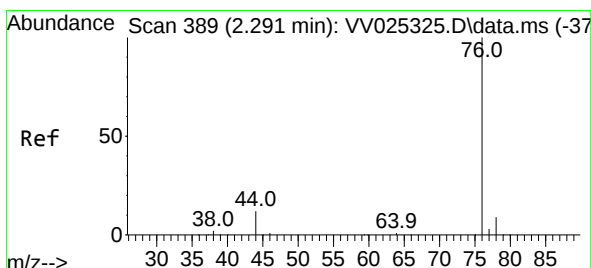
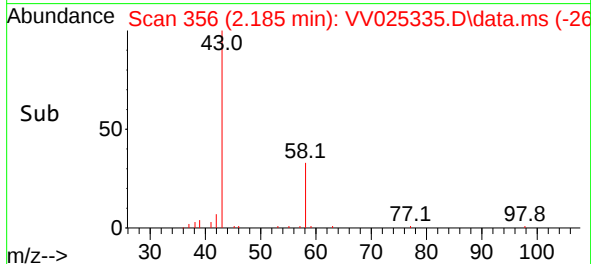
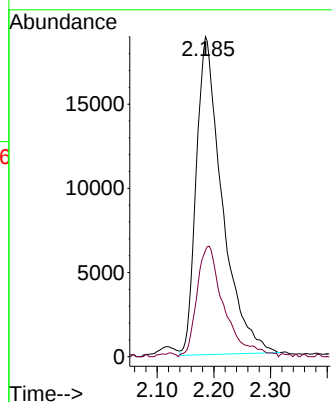
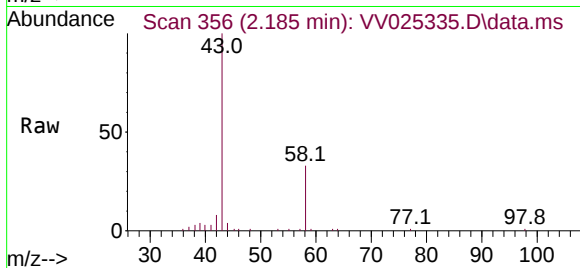
VSTD005361

Tgt Ion: 43 Resp: 59951

Ion Ratio Lower Upper

43 100

58 36.5 0.0 51.2



#14

Carbon disulfide

Concen: 5.387 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025335.D

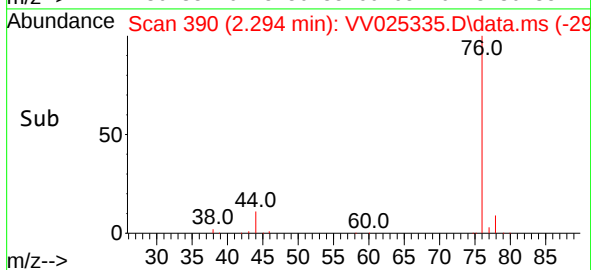
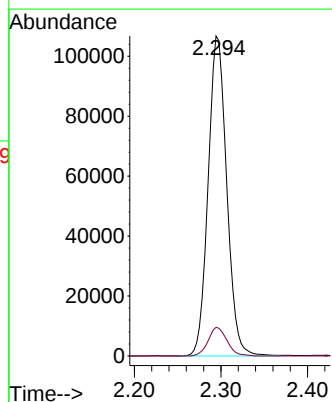
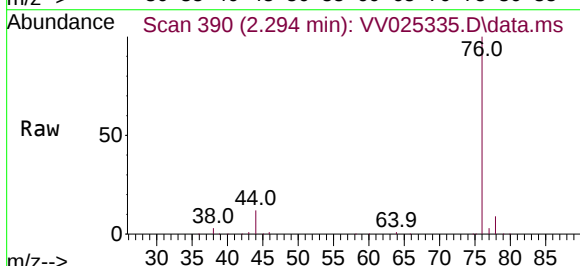
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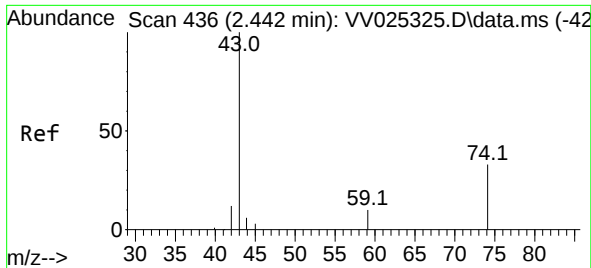
Tgt Ion: 76 Resp: 159303

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4





#15

Methyl Acetate

Concen: 6.086 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

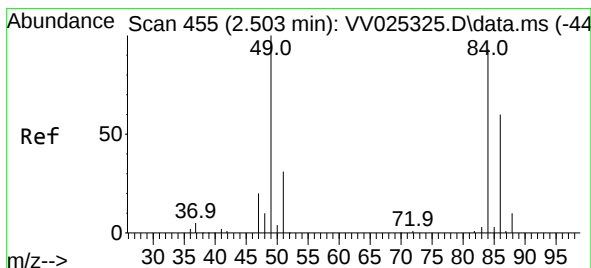
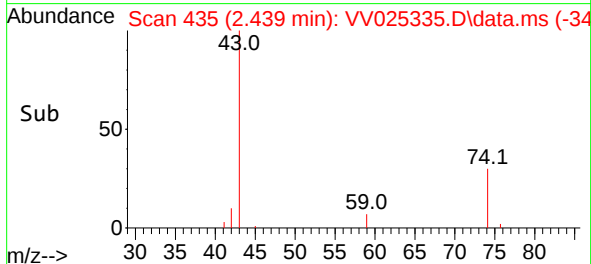
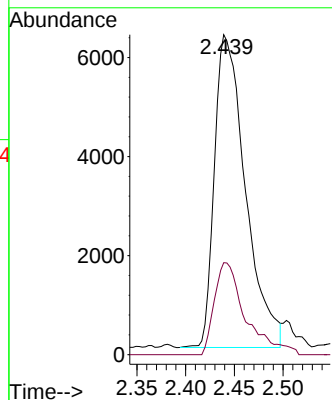
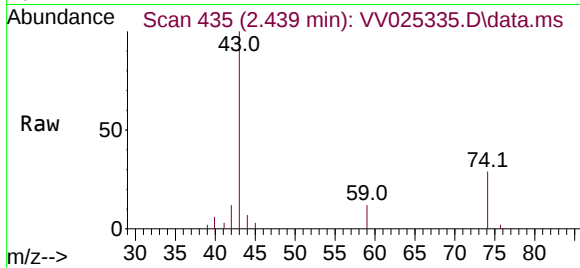
VSTD005361

Tgt Ion: 43 Resp: 13947

Ion Ratio Lower Upper

43 100

74 29.6 20.9 31.3



#16

Methylene chloride

Concen: 5.203 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

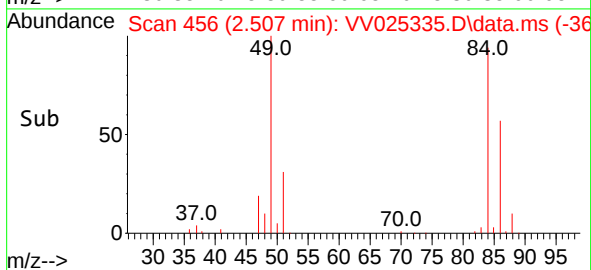
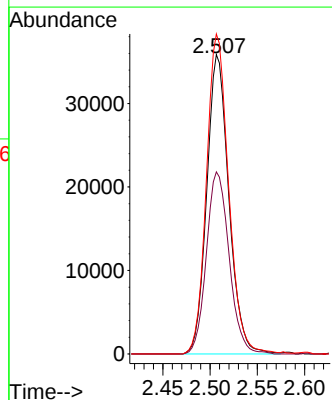
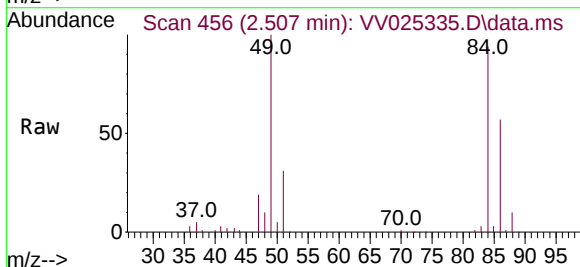
Tgt Ion: 84 Resp: 58309

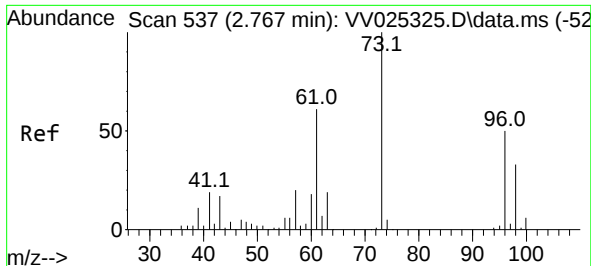
Ion Ratio Lower Upper

84 100

86 60.8 43.5 80.7

49 106.9 74.5 138.3

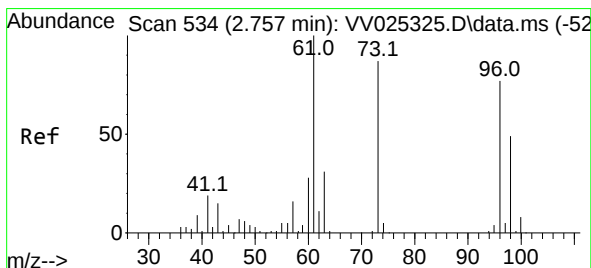
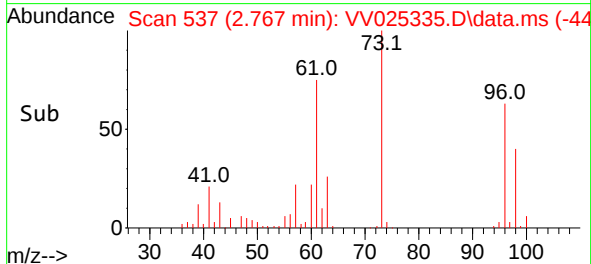
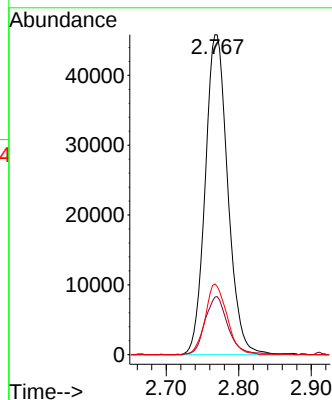
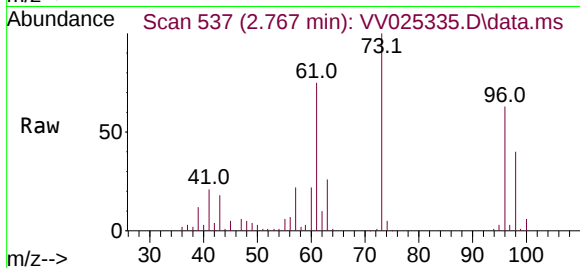




#17
Methyl tert-butyl Ether
Concen: 5.491 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

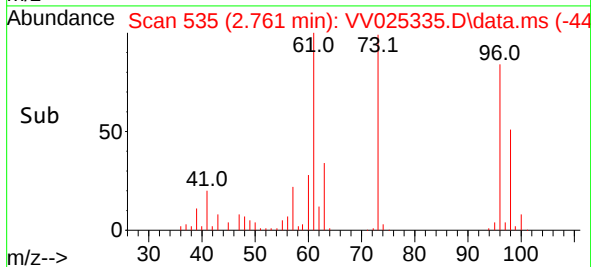
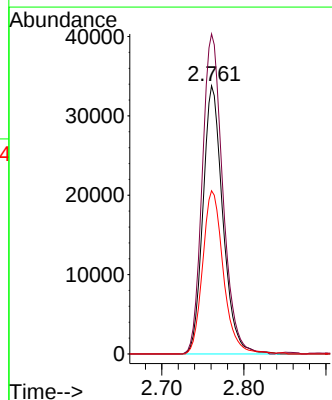
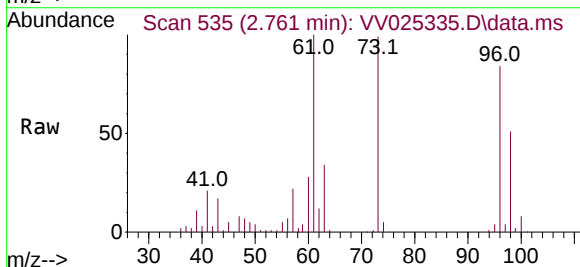
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

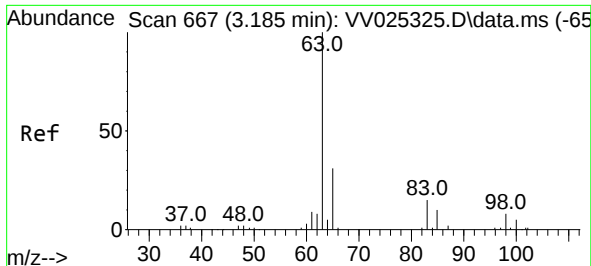
Tgt Ion: 73 Resp: 99152
Ion Ratio Lower Upper
73 100
43 18.6 13.5 20.3
57 21.3 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.569 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 96 Resp: 57057
Ion Ratio Lower Upper
96 100
61 119.3 87.6 162.8
98 60.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.664 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

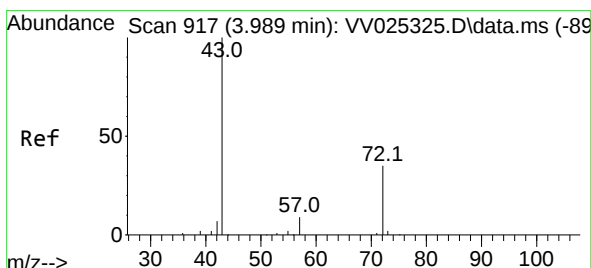
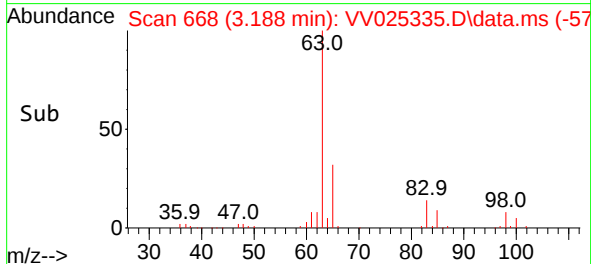
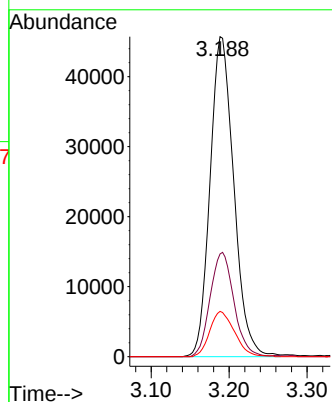
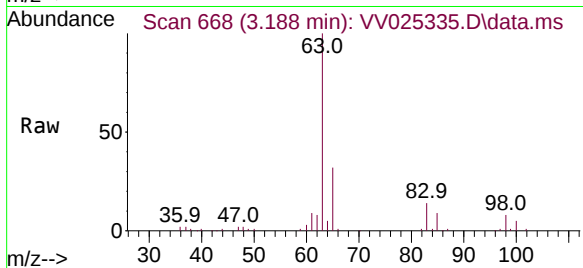
Tgt Ion: 63 Resp: 96874

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 14.2 10.2 19.0



#21

2-Butanone

Concen: 63.002 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV025335.D

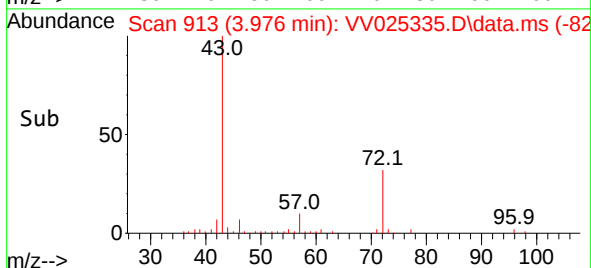
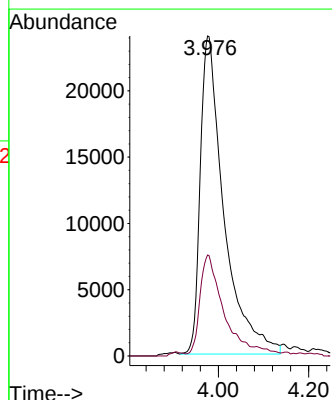
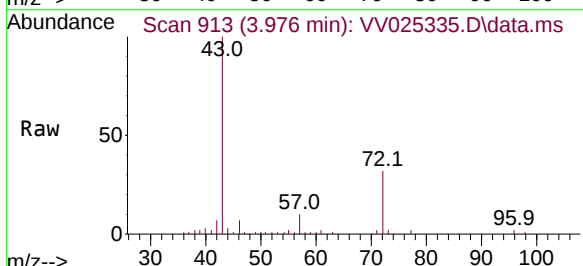
Acq: 31 Mar 2022 16:03

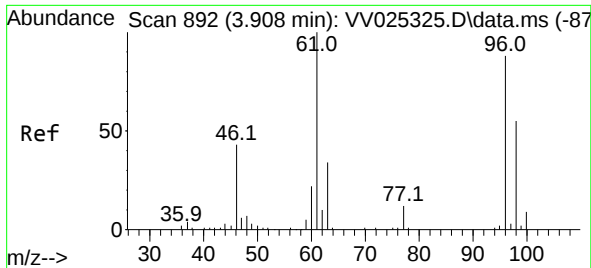
Tgt Ion: 43 Resp: 87264

Ion Ratio Lower Upper

43 100

72 29.4 11.8 35.4

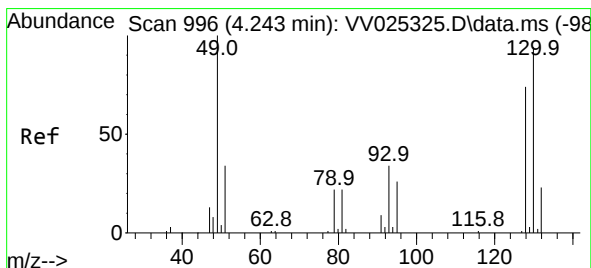
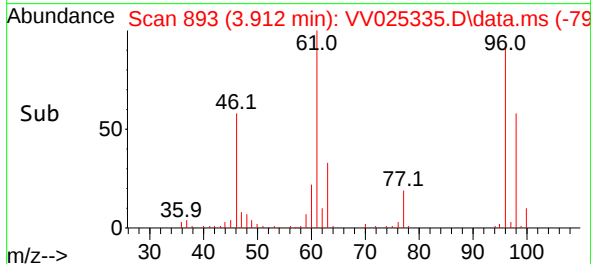
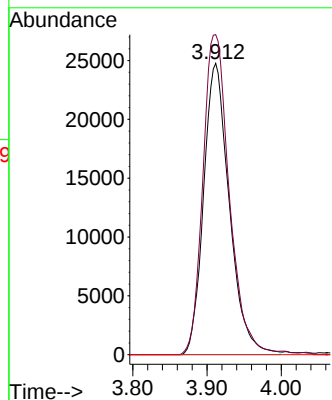
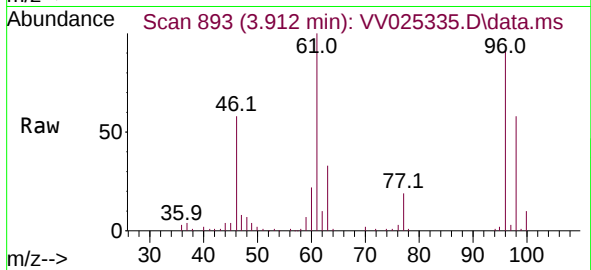




#22
 cis-1,2-Dichloroethene
 Concen: 5.742 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

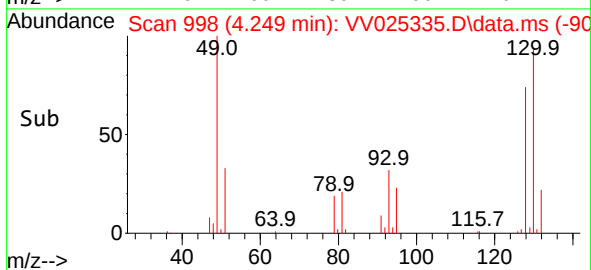
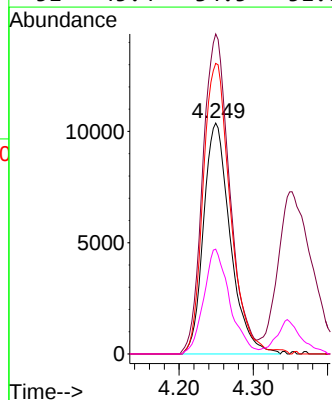
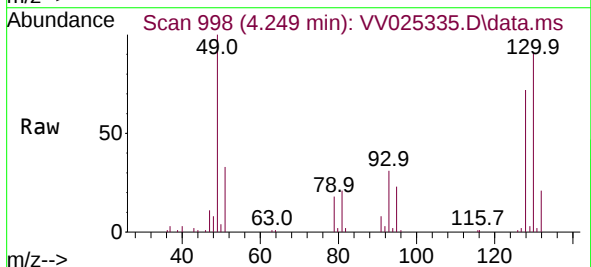
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

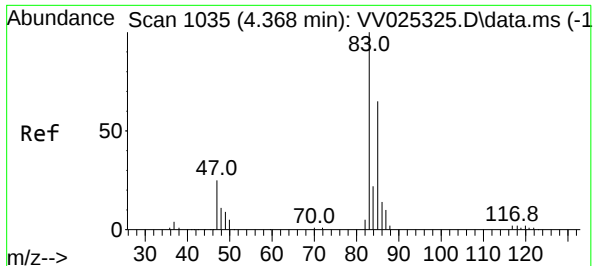
Tgt Ion: 96 Resp: 59765
 Ion Ratio Lower Upper
 96 100
 61 109.9 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.971 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV025335.D
 Acq: 31 Mar 2022 16:03

Tgt Ion: 128 Resp: 25924
 Ion Ratio Lower Upper
 128 100
 49 138.6 101.4 188.4
 130 125.8 85.0 158.0
 51 45.4 34.5 51.7





#25

Chloroform

Concen: 5.693 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

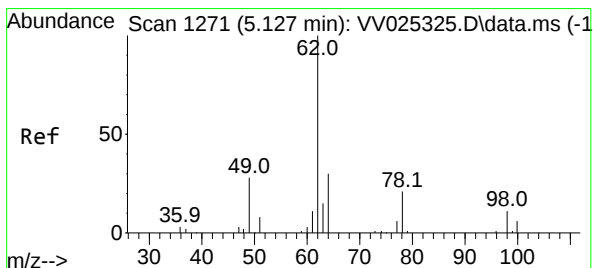
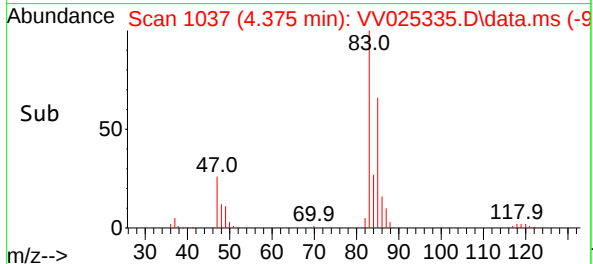
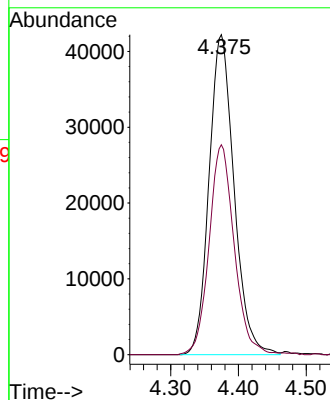
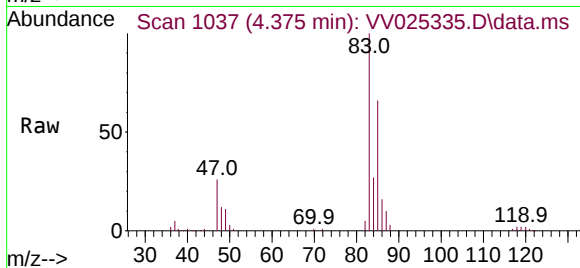
VSTD005361

Tgt Ion: 83 Resp: 108027

Ion Ratio Lower Upper

83 100

85 65.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.691 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025335.D

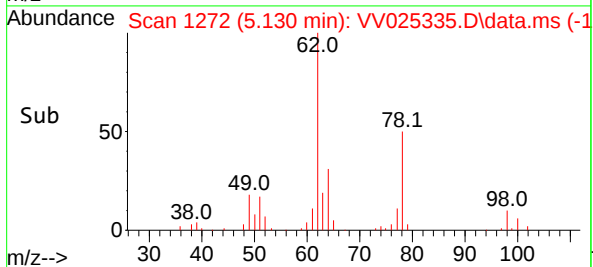
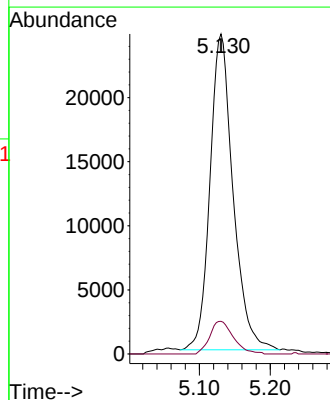
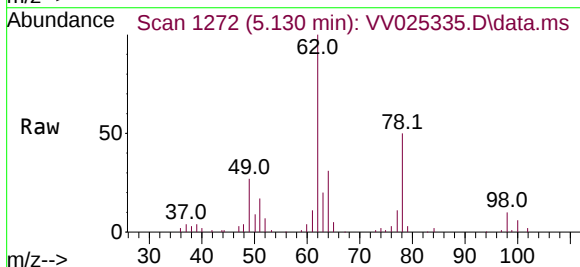
Acq: 31 Mar 2022 16:03

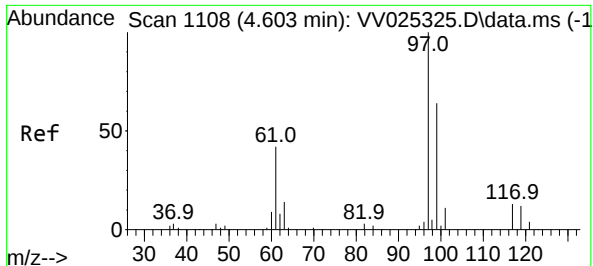
Tgt Ion: 62 Resp: 55766

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.801 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

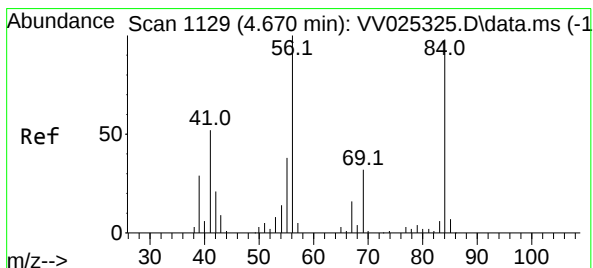
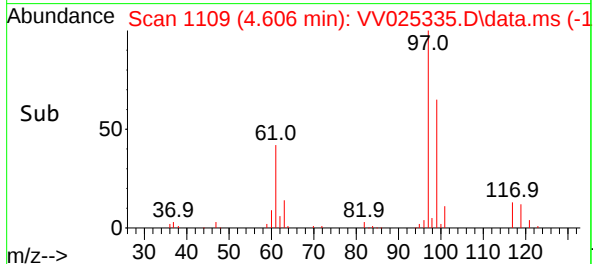
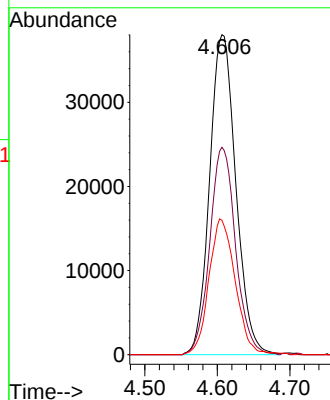
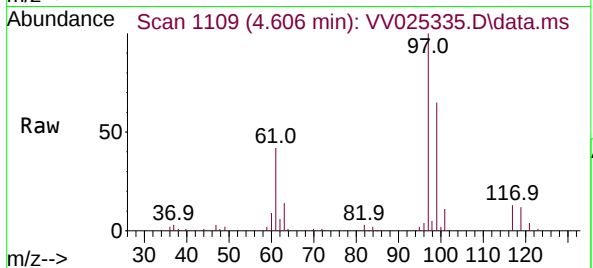
Tgt Ion: 97 Resp: 95785

Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 42.6 34.2 51.2



#30

Cyclohexane

Concen: 4.845 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

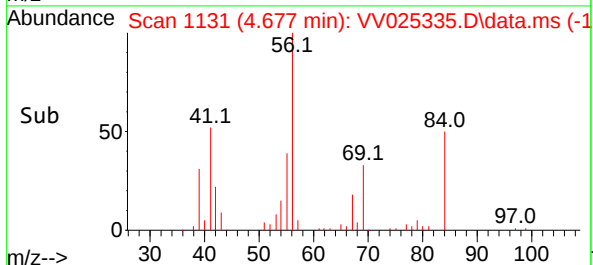
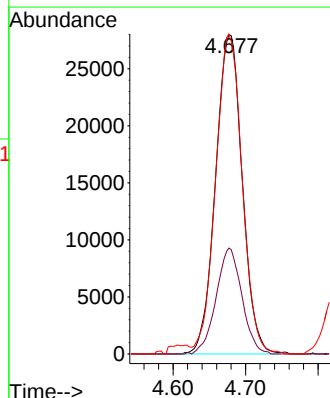
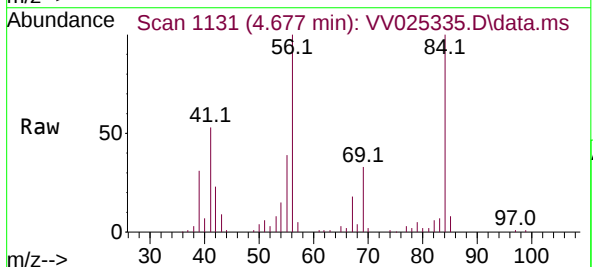
Tgt Ion: 56 Resp: 71544

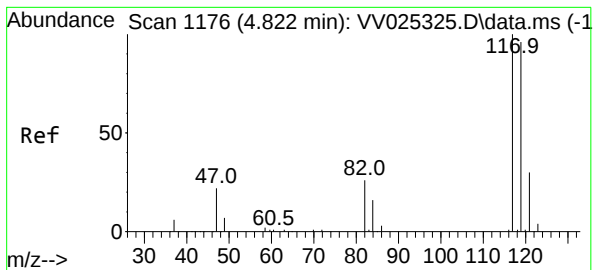
Ion Ratio Lower Upper

56 100

69 32.0 25.3 37.9

84 99.4 78.4 117.6

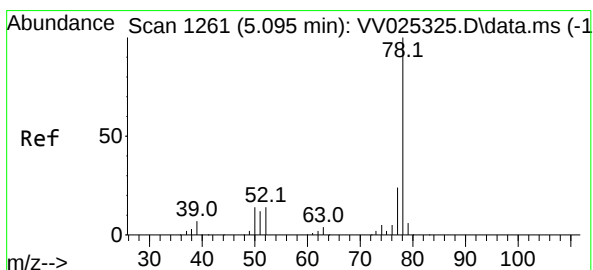
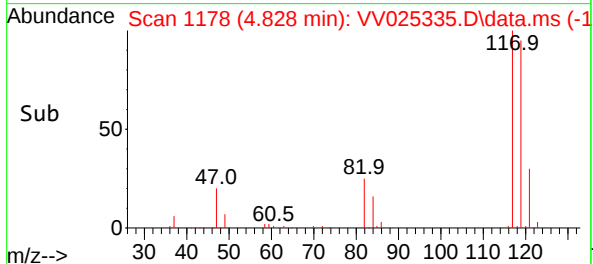
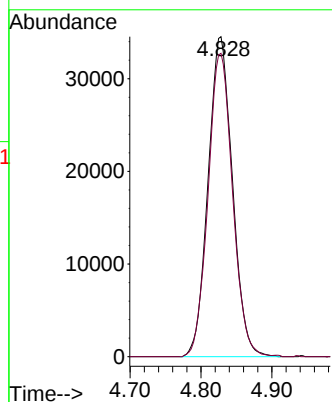
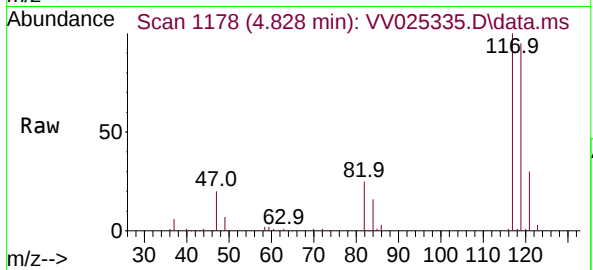




#31
Carbon tetrachloride
Concen: 5.768 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

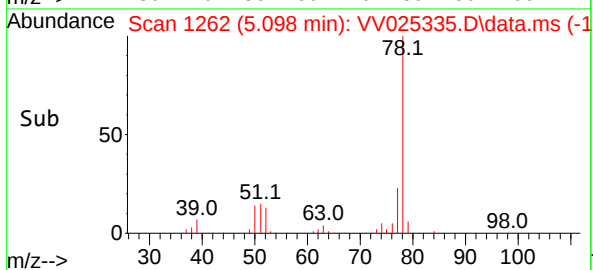
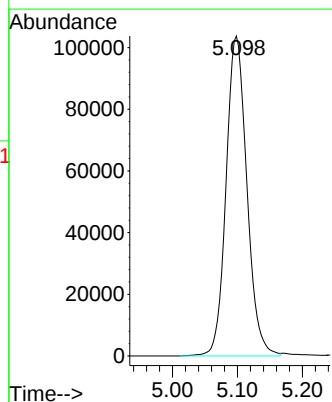
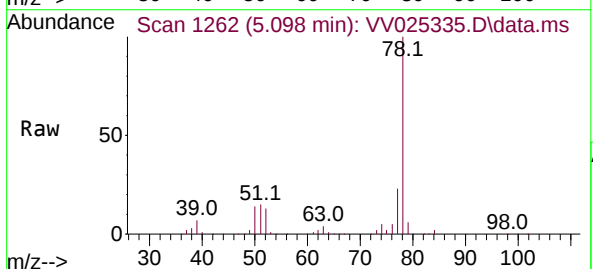
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

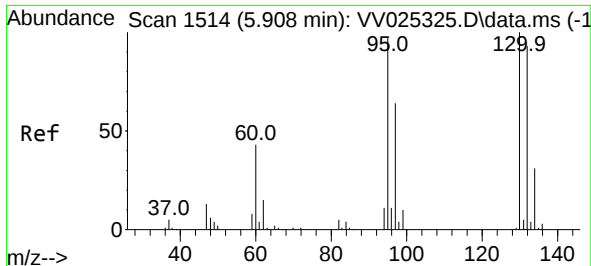
Tgt Ion:117 Resp: 82438
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6



#33
Benzene
Concen: 5.758 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 78 Resp: 230628

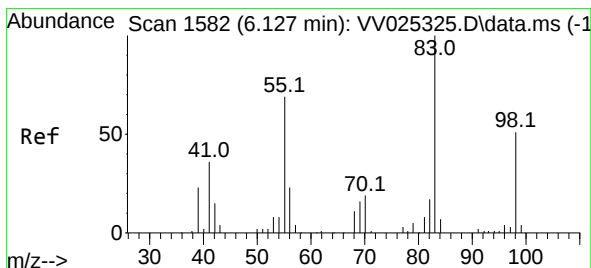
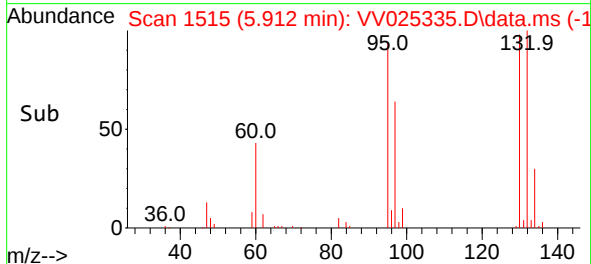
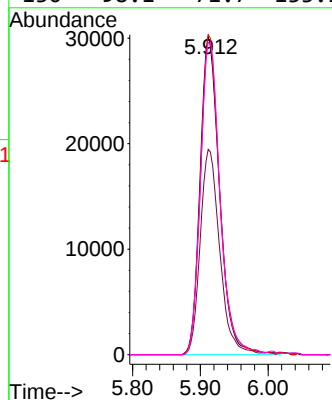
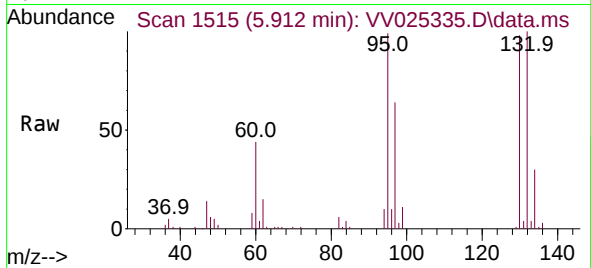




#34
Trichloroethene
Concen: 5.490 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

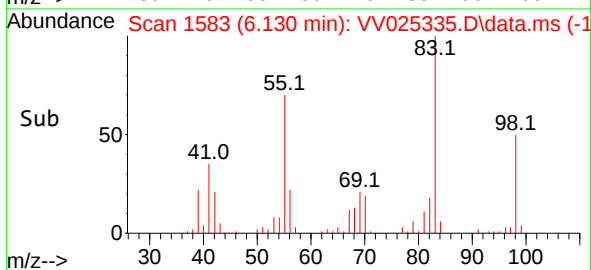
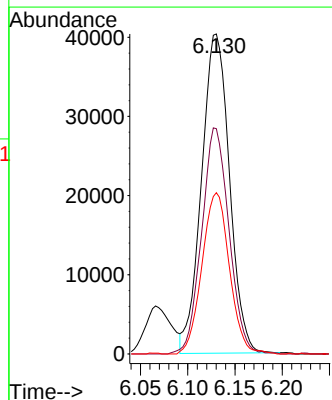
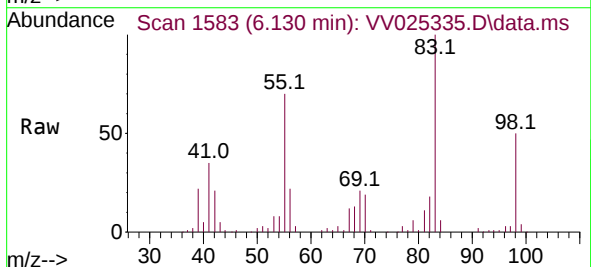
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

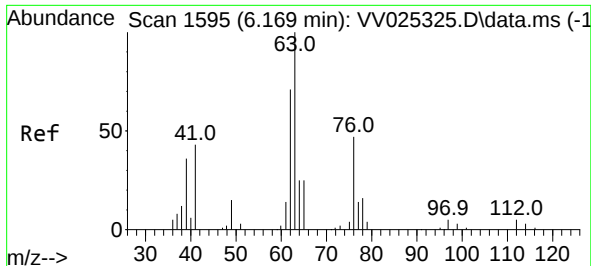
Tgt Ion: 95 Resp: 60379
Ion Ratio Lower Upper
95 100
97 64.5 46.3 85.9
132 100.6 65.2 121.2
130 98.1 71.7 133.1



#35
Methylcyclohexane
Concen: 4.810 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 83 Resp: 82898
Ion Ratio Lower Upper
83 100
55 69.3 54.6 81.8
98 49.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.596 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

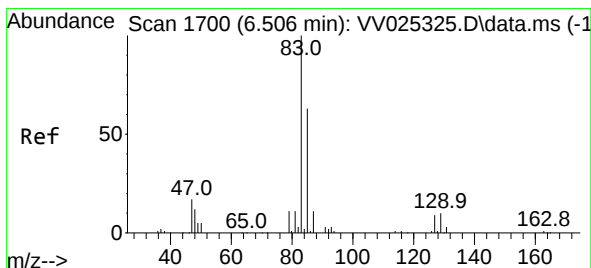
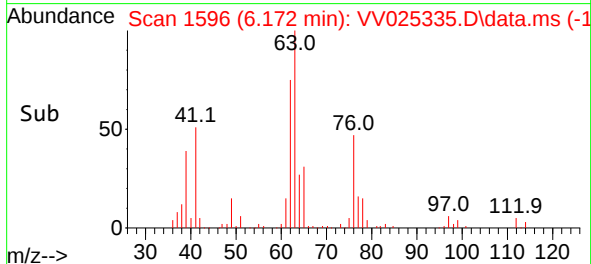
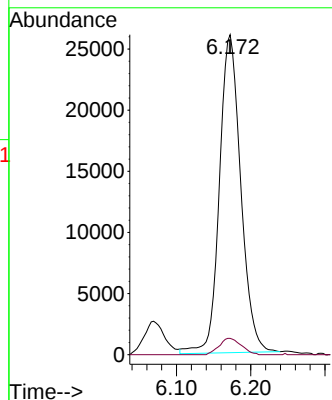
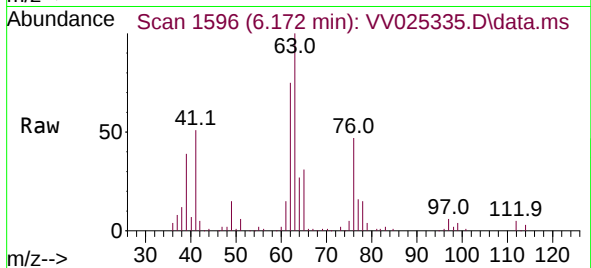
VSTD005361

Tgt Ion: 63 Resp: 51990

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 6.009 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

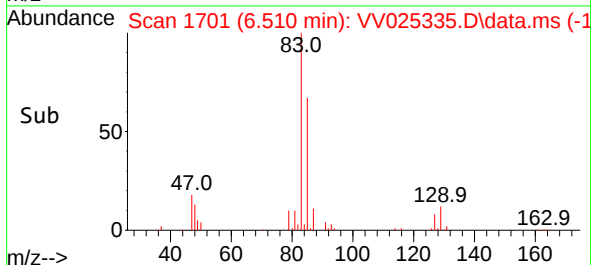
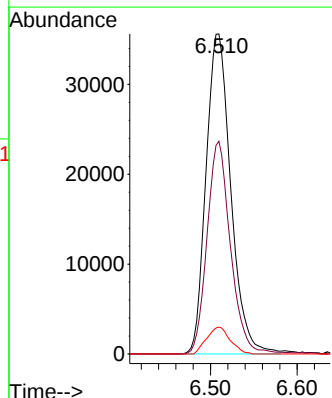
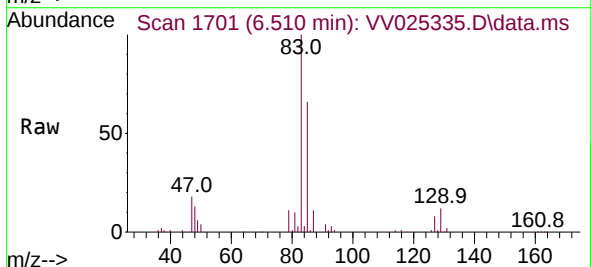
Tgt Ion: 83 Resp: 70731

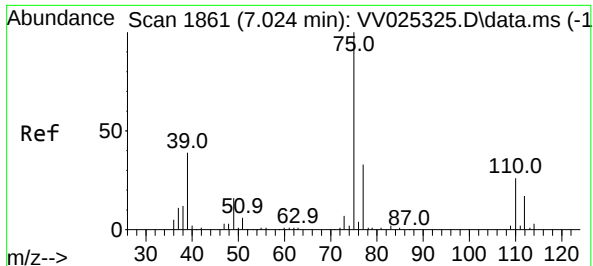
Ion Ratio Lower Upper

83 100

85 66.5 47.2 87.6

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.468 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

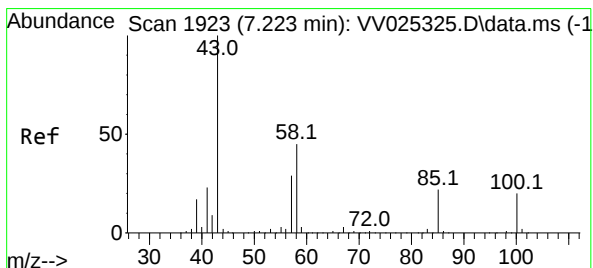
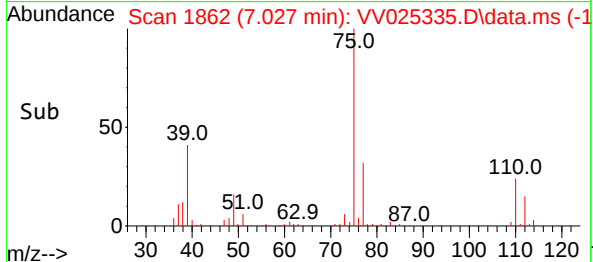
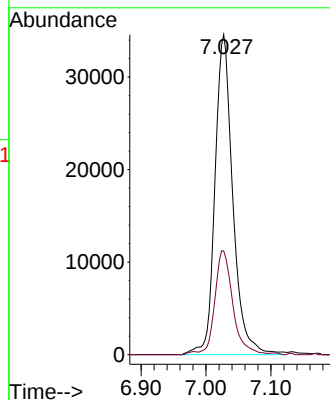
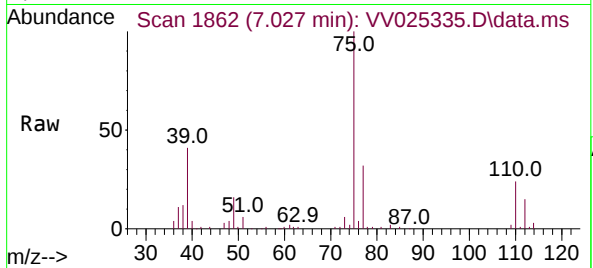
VSTD005361

Tgt Ion: 75 Resp: 65877

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 58.932 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

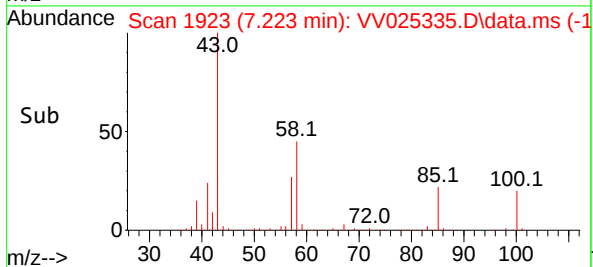
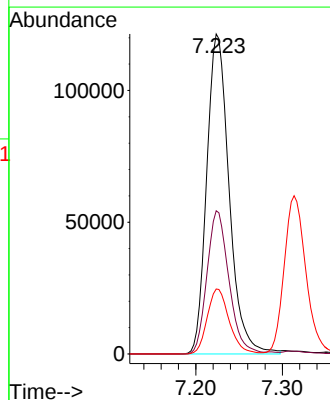
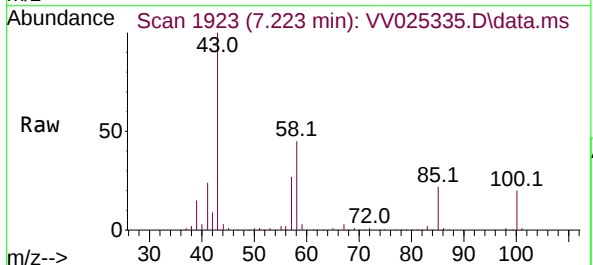
Tgt Ion: 43 Resp: 218620

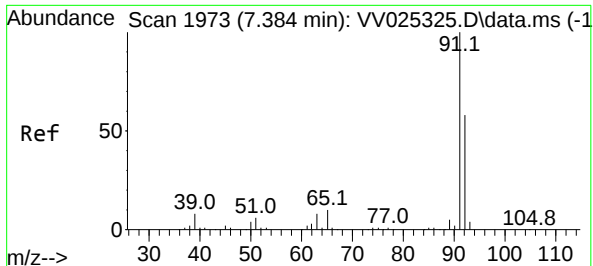
Ion Ratio Lower Upper

43 100

58 43.8 35.1 52.7

100 19.9 15.5 23.3

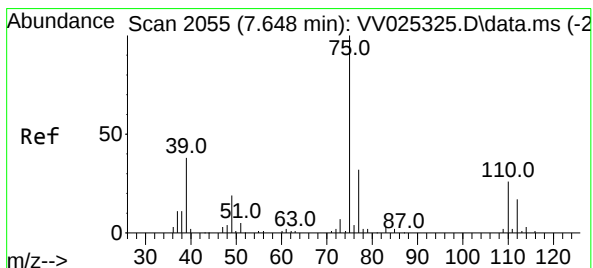
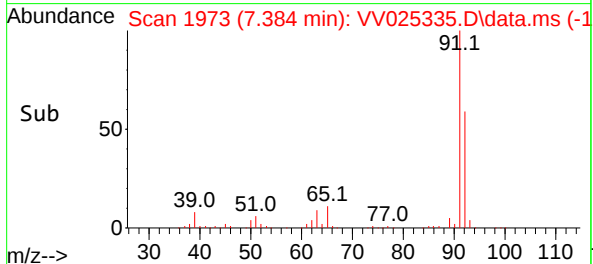
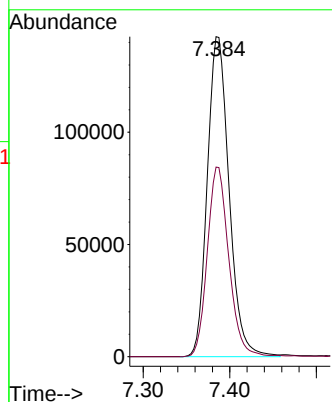
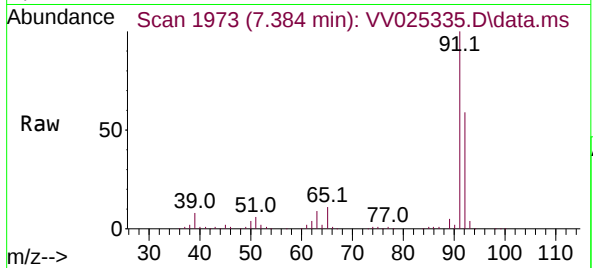




#42
Toluene
Concen: 5.822 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

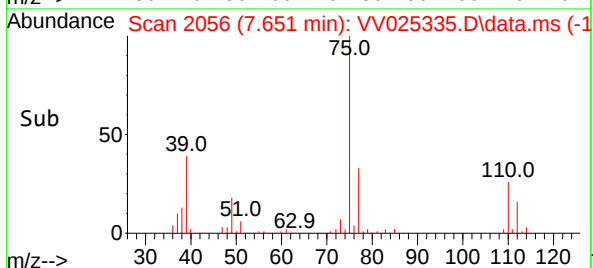
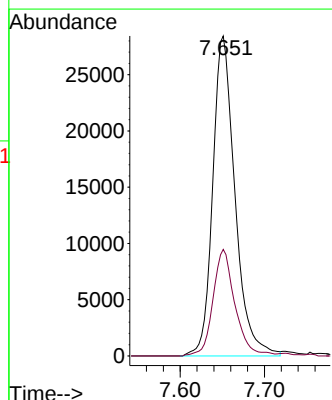
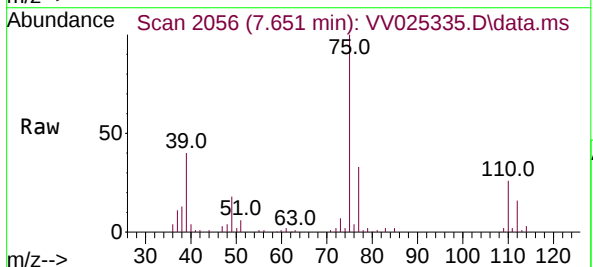
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

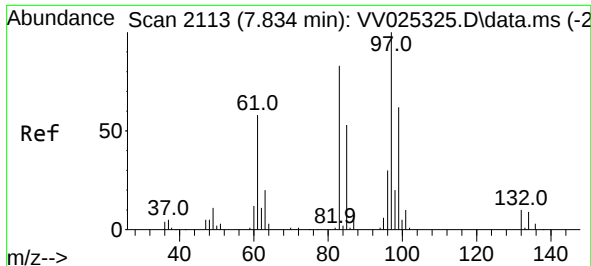
Tgt Ion: 91 Resp: 248932
Ion Ratio Lower Upper
91 100
92 59.2 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.509 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 75 Resp: 52178
Ion Ratio Lower Upper
75 100
77 33.3 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 5.901 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

Tgt Ion: 97 Resp: 37540

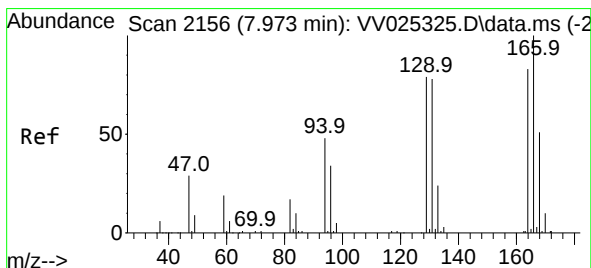
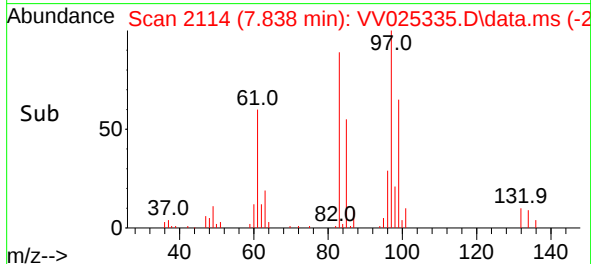
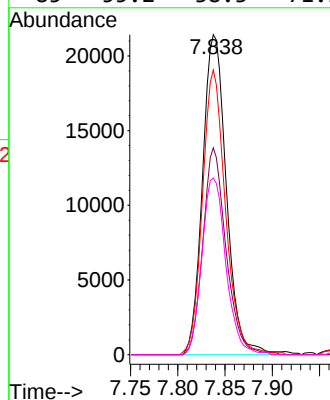
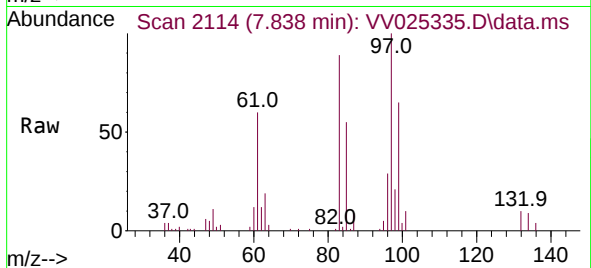
Ion Ratio Lower Upper

97 100

99 64.7 43.3 80.5

83 89.0 58.0 107.6

85 55.2 38.3 71.1



#47

Tetrachloroethene

Concen: 5.602 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Tgt Ion: 164 Resp: 45435

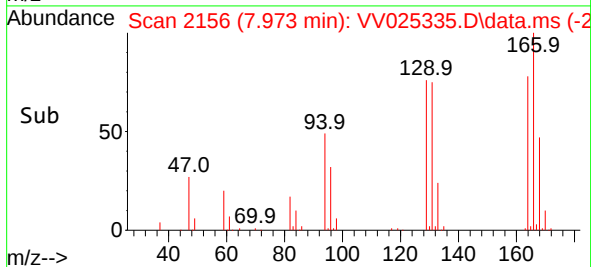
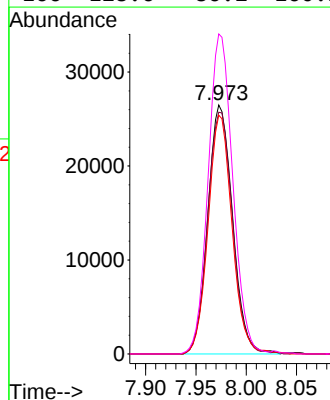
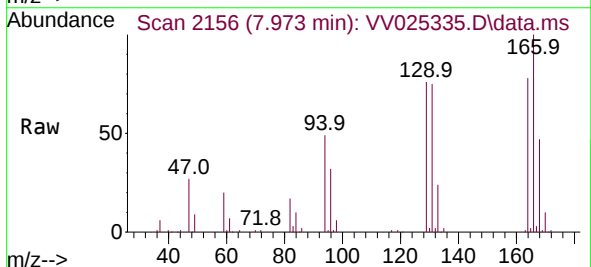
Ion Ratio Lower Upper

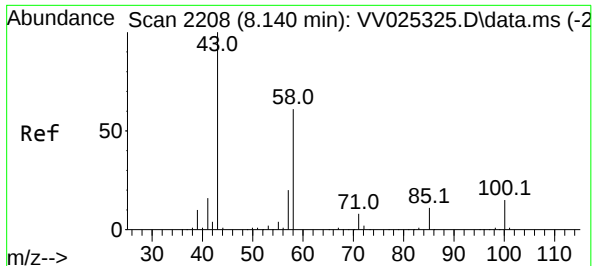
164 100

129 97.2 67.5 125.4

131 95.9 68.0 126.4

166 128.6 86.2 160.2



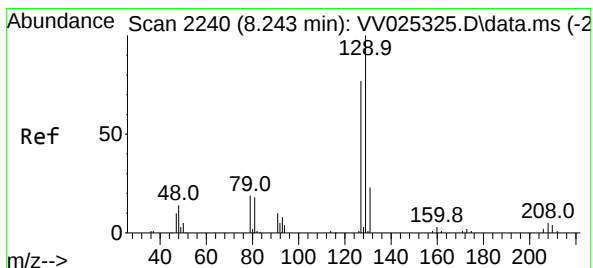
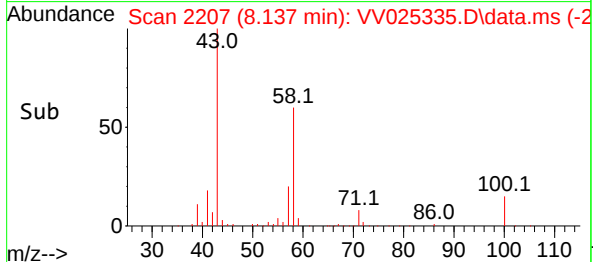
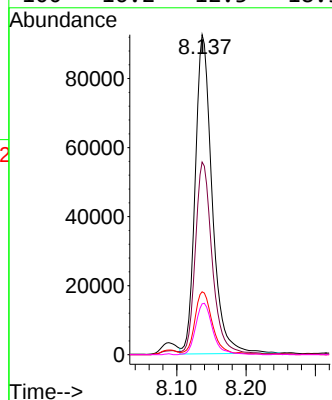
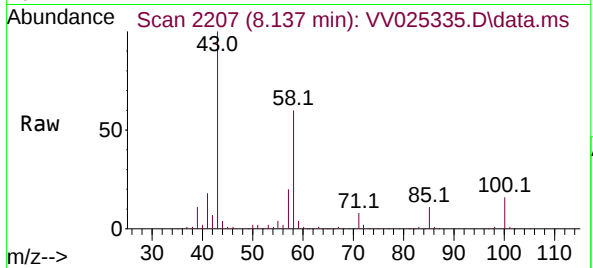


#48
2-Hexanone
Concen: 59.282 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

Tgt Ion: 43 Resp: 157288

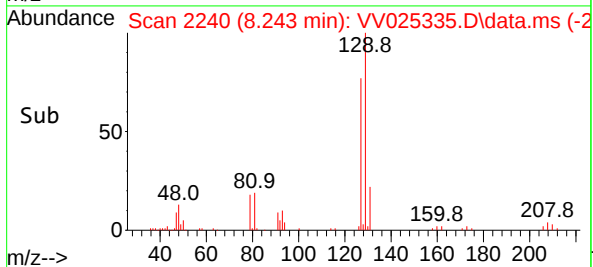
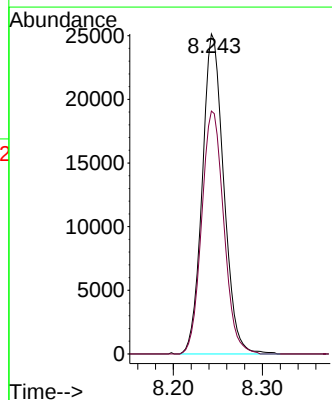
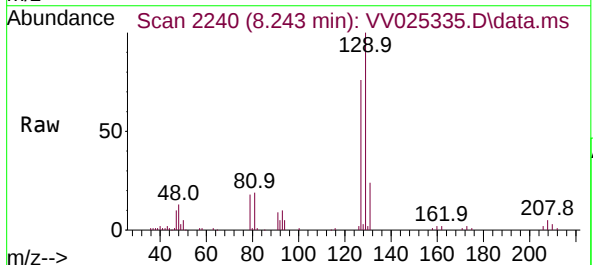
Ion	Ratio	Lower	Upper
43	100		
58	60.0	48.5	72.7
57	19.3	16.9	25.3
100	16.2	12.3	18.5

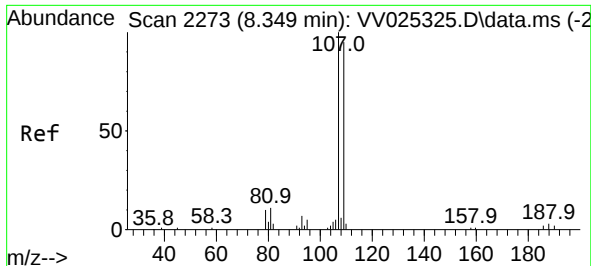


#49
Dibromochloromethane
Concen: 6.159 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 129 Resp: 42165

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.783 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

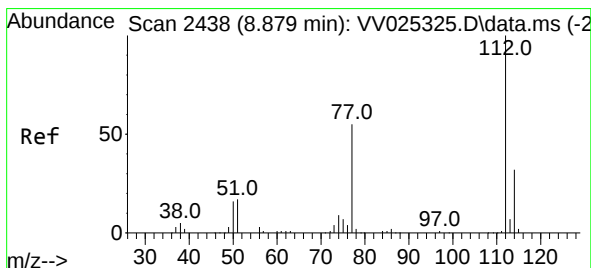
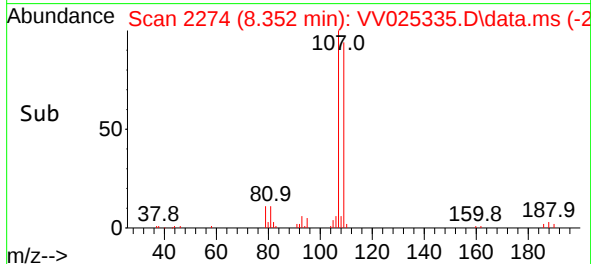
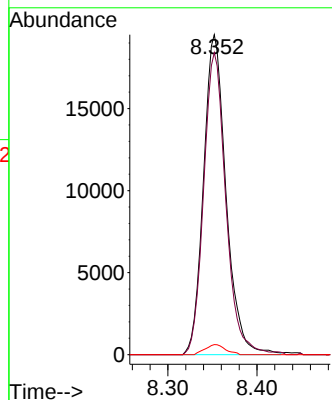
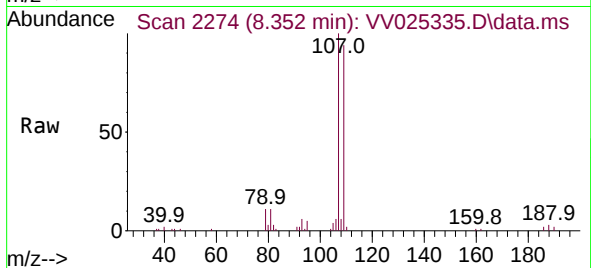
Tgt Ion:107 Resp: 34274

Ion Ratio Lower Upper

107 100

109 94.4 64.7 120.1

188 3.2 2.2 3.4



#51

Chlorobenzene

Concen: 5.708 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

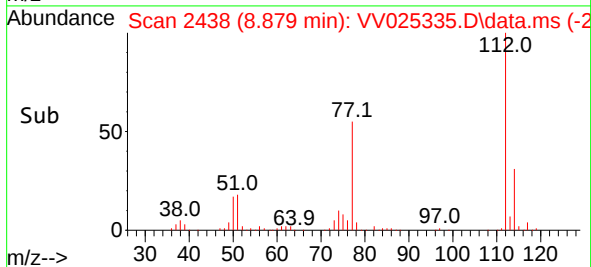
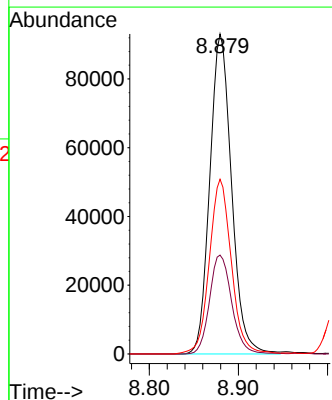
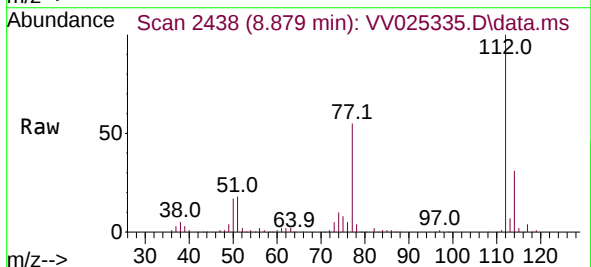
Tgt Ion:112 Resp: 157605

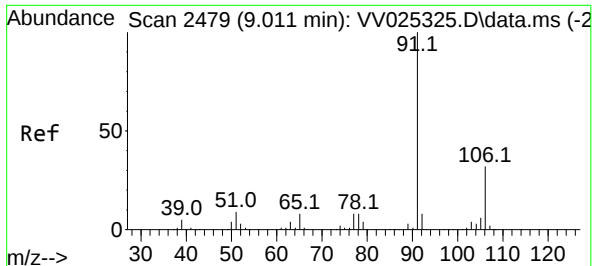
Ion Ratio Lower Upper

112 100

114 30.9 21.9 40.7

77 54.6 44.2 66.4

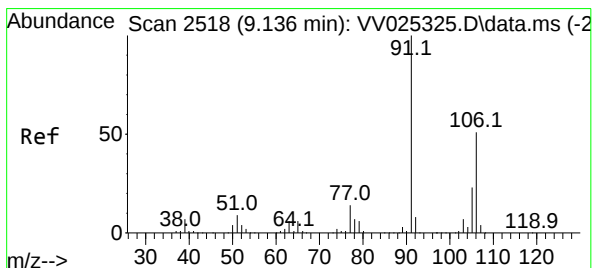
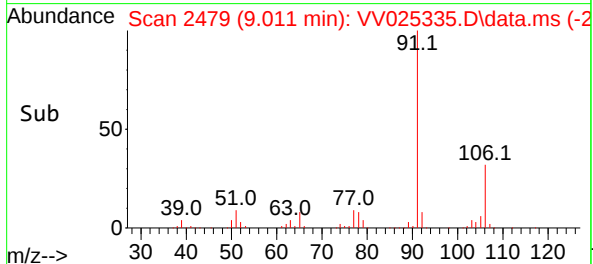
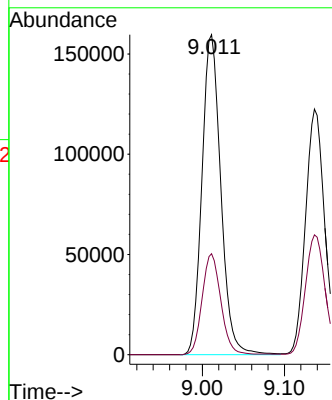
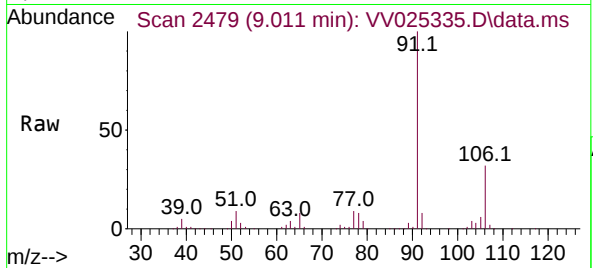




#52
Ethylbenzene
Concen: 5.627 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

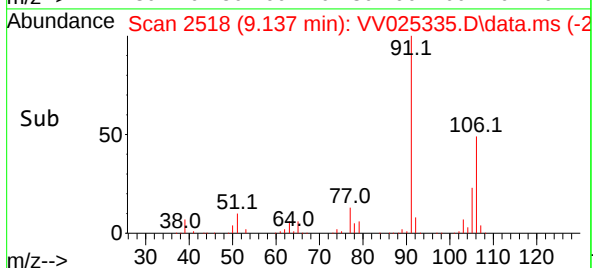
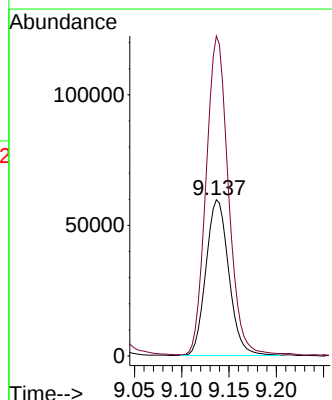
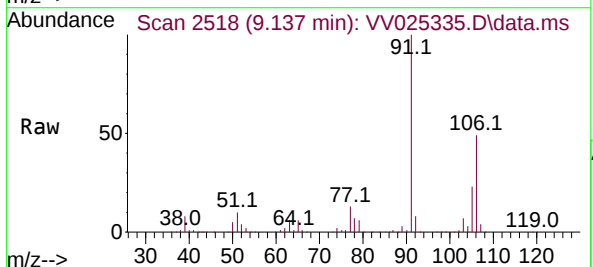
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

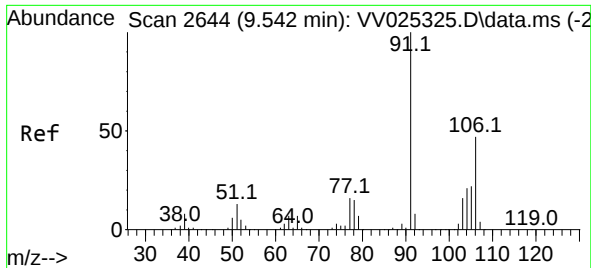
Tgt Ion: 91 Resp: 255192
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.682 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 106 Resp: 100225
Ion Ratio Lower Upper
106 100
91 204.9 136.8 254.0

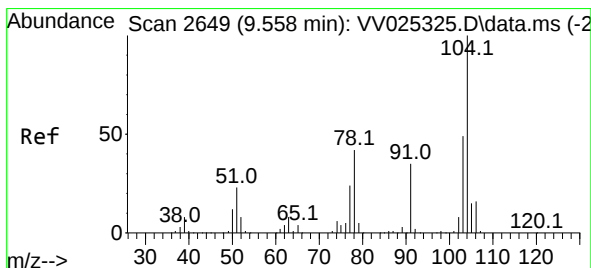
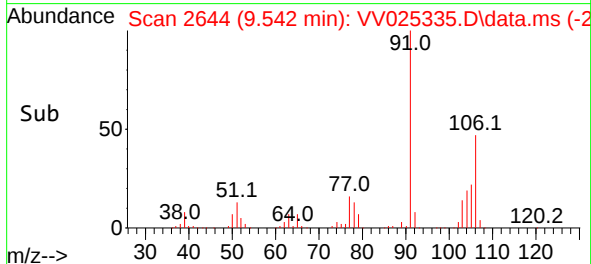
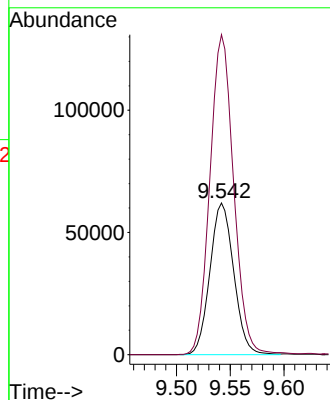
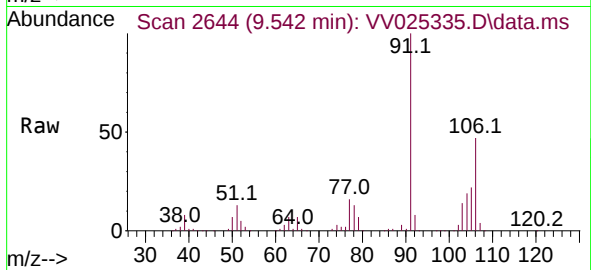




#54
o-Xylene
Concen: 5.674 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

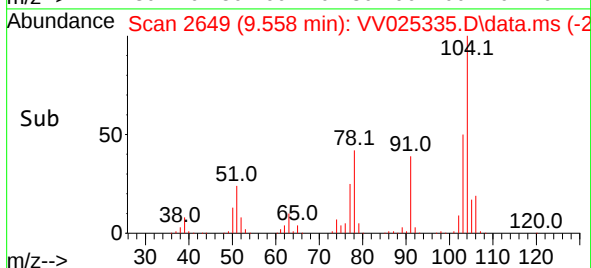
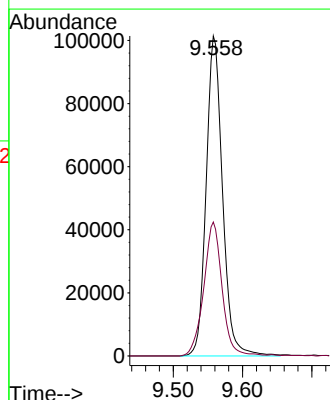
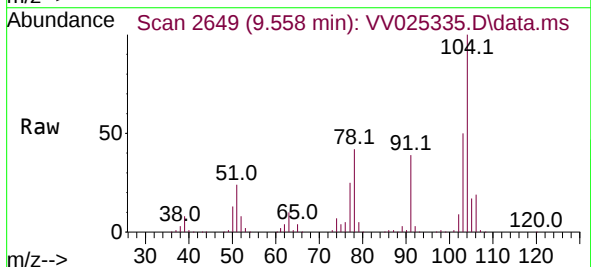
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

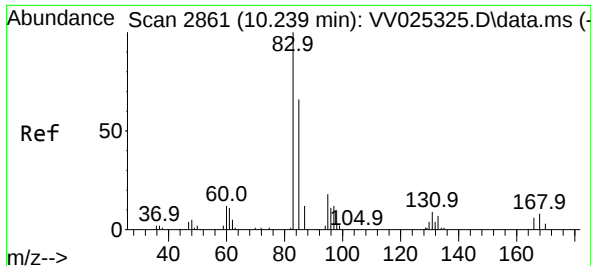
Tgt Ion:106 Resp: 95674
Ion Ratio Lower Upper
106 100
91 211.0 143.0 265.6



#55
Styrene
Concen: 5.998 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion:104 Resp: 166298
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.970 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

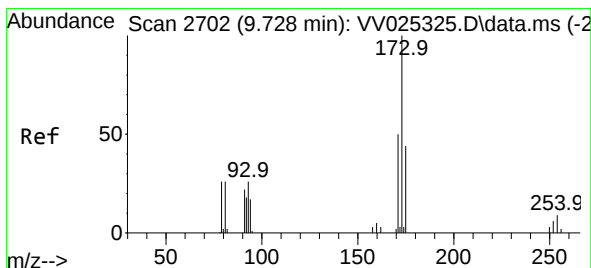
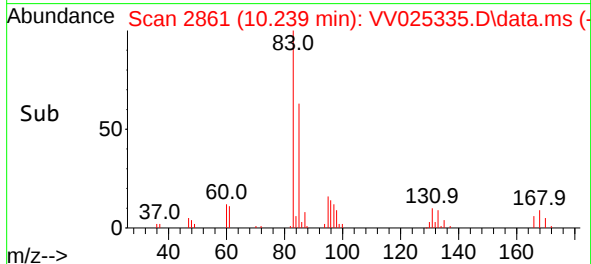
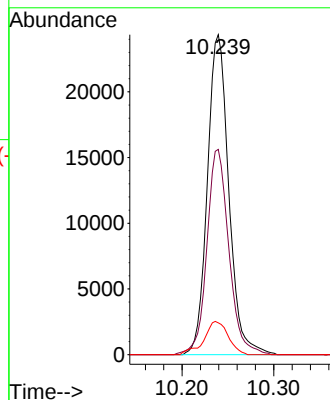
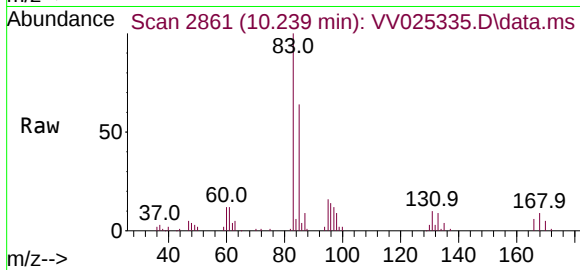
Tgt Ion: 83 Resp: 39591

Ion Ratio Lower Upper

83 100

85 64.1 46.2 85.8

131 10.0 8.1 12.1



#59

Bromoform

Concen: 6.260 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

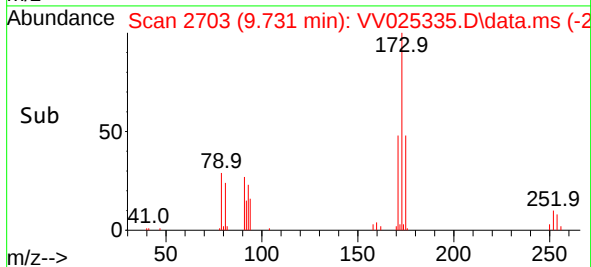
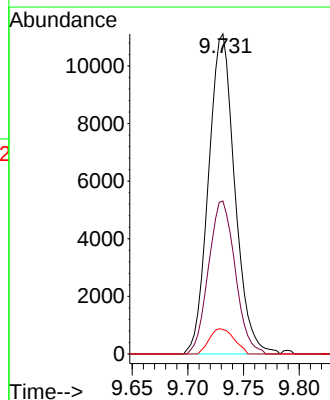
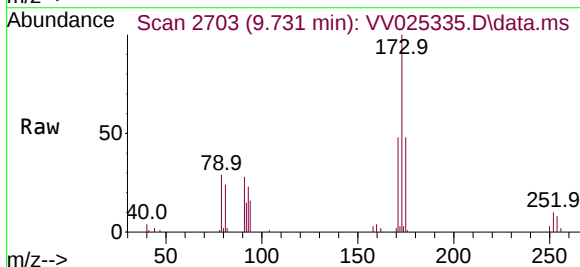
Tgt Ion: 173 Resp: 18240

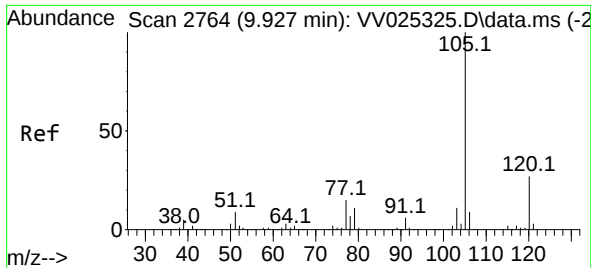
Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.0

254 7.4 5.6 8.4

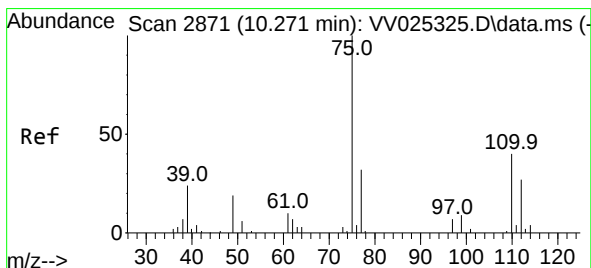
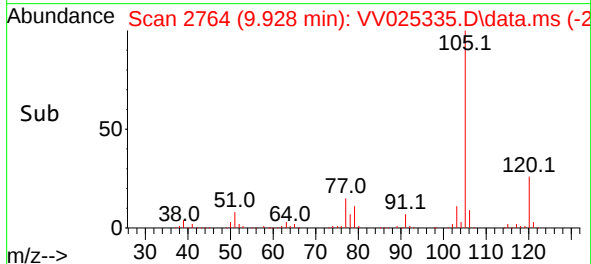
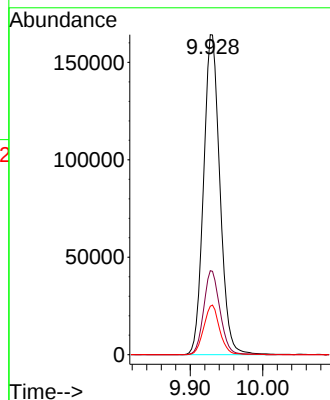
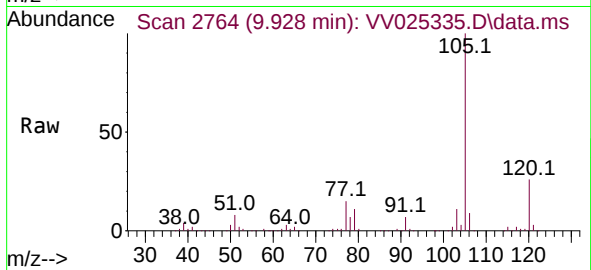




#60
Isopropylbenzene
Concen: 5.443 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

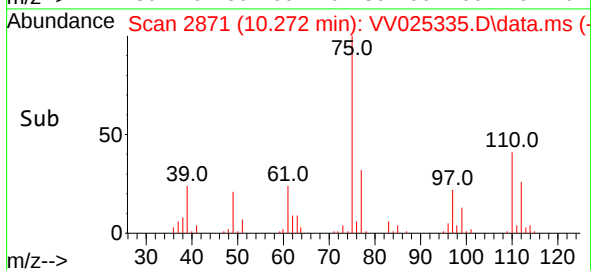
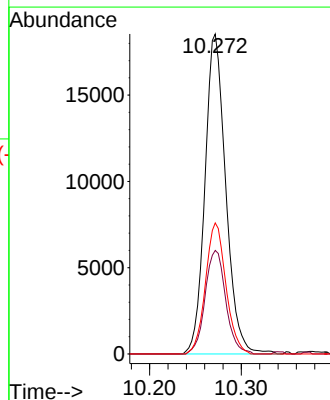
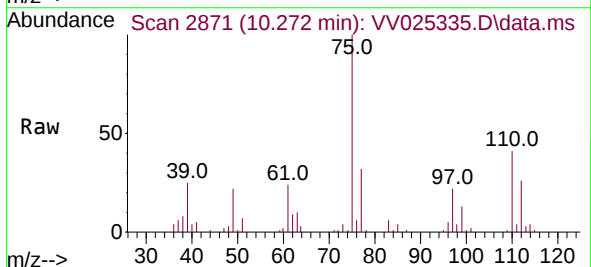
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

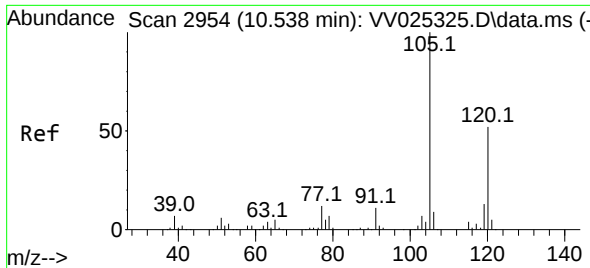
Tgt Ion:105 Resp: 257331
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.430 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 75 Resp: 29286
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 40.1 31.6 47.4

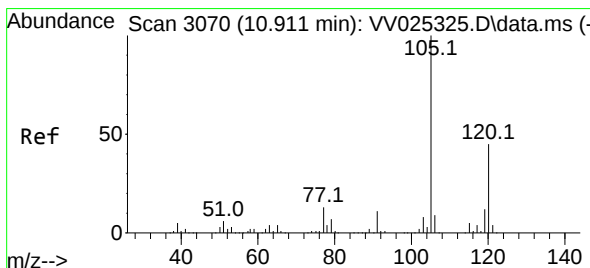
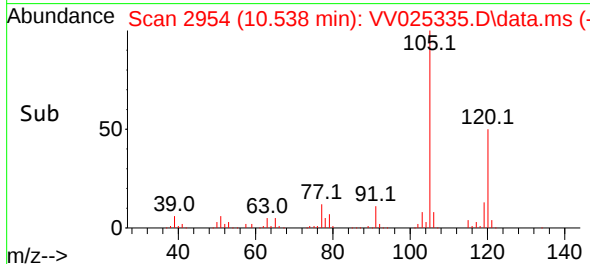
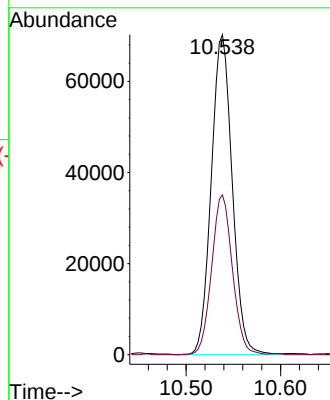
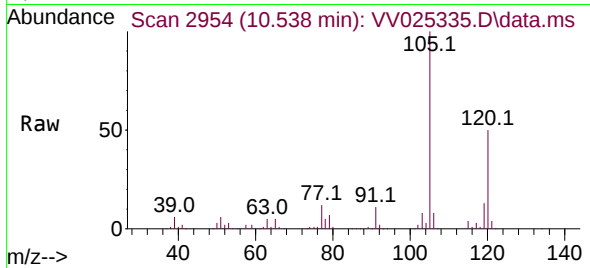




#62
1,3,5-Trimethylbenzene
Concen: 5.105 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

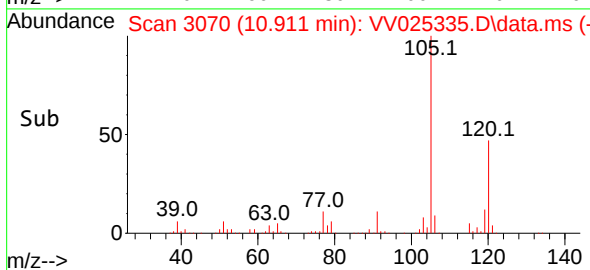
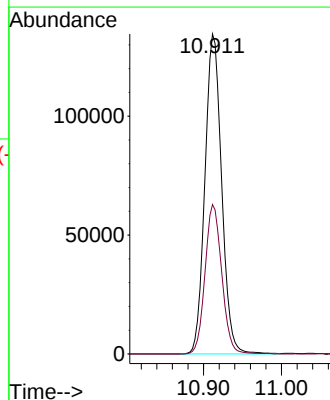
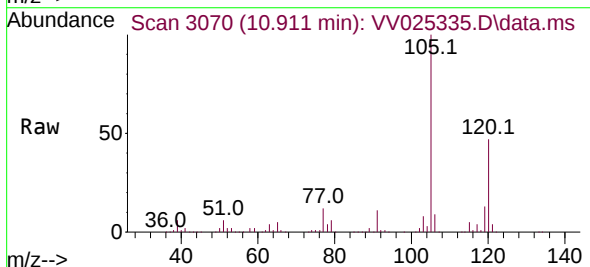
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

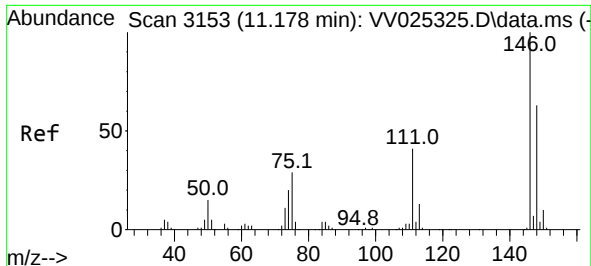
Tgt Ion:105 Resp: 108219
Ion Ratio Lower Upper
105 100
120 49.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.308 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion:105 Resp: 200762
Ion Ratio Lower Upper
105 100
120 46.6 36.5 54.7

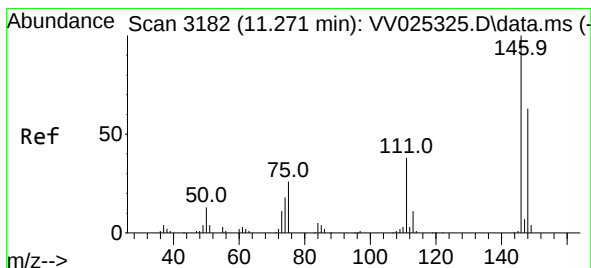
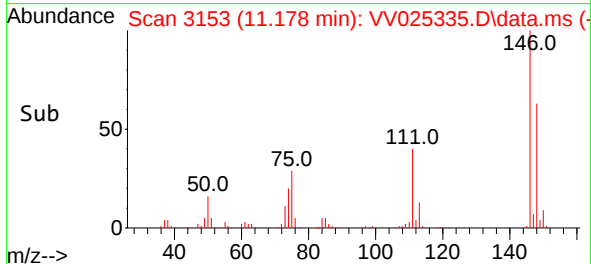
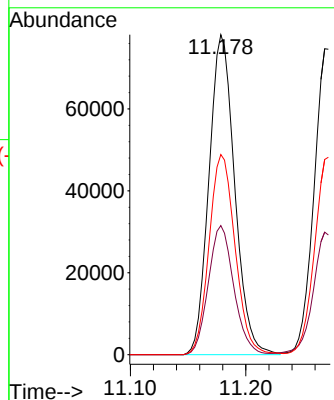
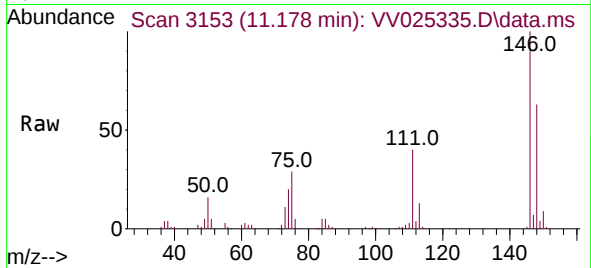




#64
1,3-Dichlorobenzene
Concen: 5.459 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

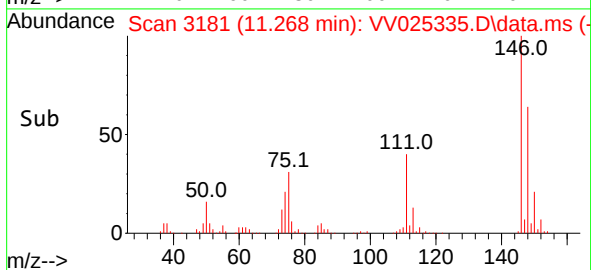
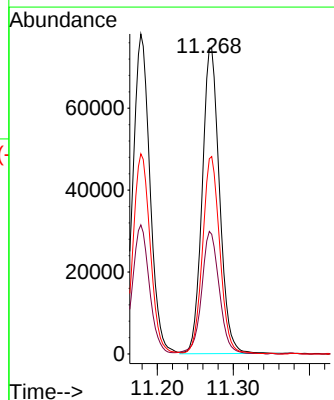
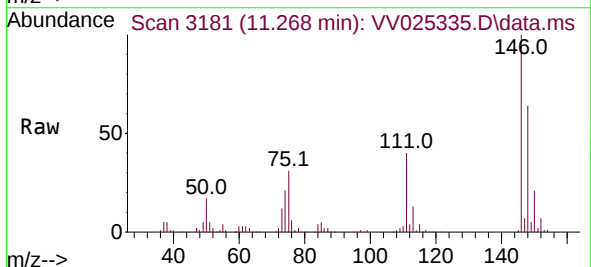
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

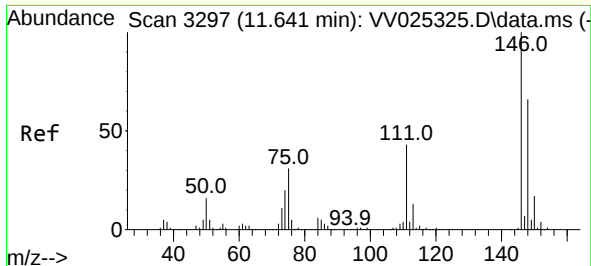
Tgt Ion:146 Resp: 120860
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.8
148 62.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.336 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion:146 Resp: 118304
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.9
148 63.8 45.6 84.8

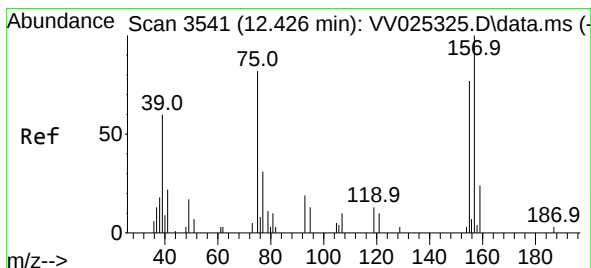
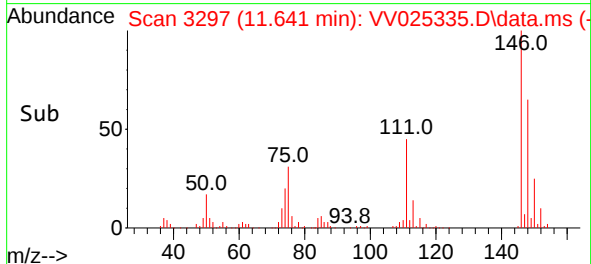
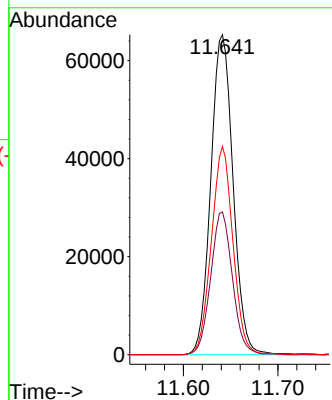
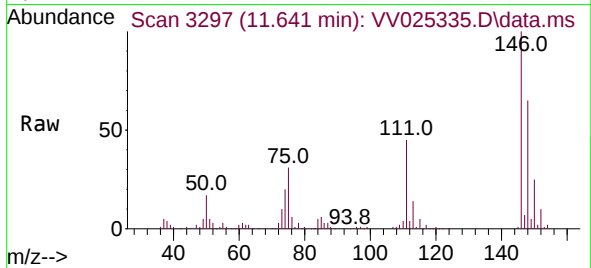




#67
1,2-Dichlorobenzene
Concen: 5.477 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

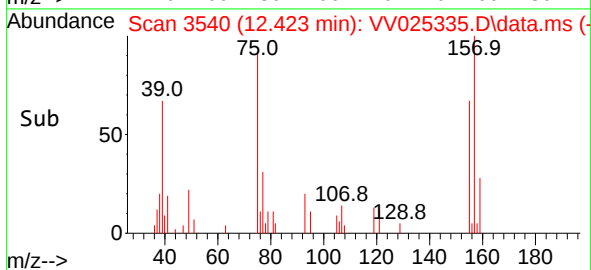
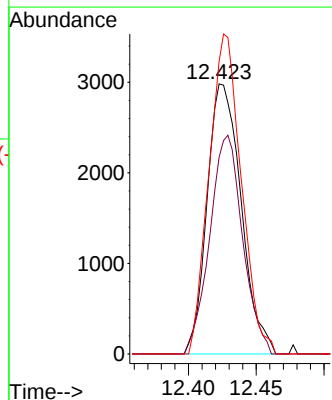
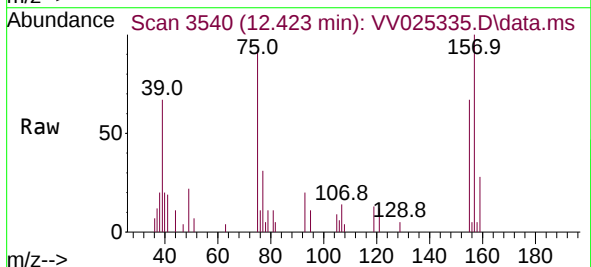
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

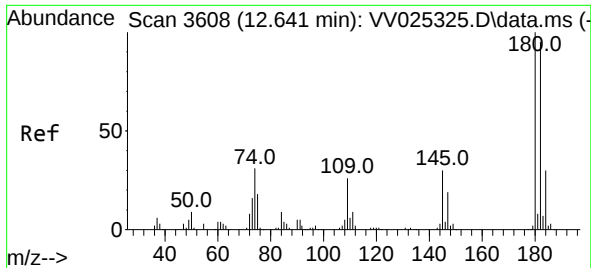
Tgt Ion:146 Resp: 106713
Ion Ratio Lower Upper
146 100
111 44.6 33.0 49.6
148 65.1 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.390 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion: 75 Resp: 5205
Ion Ratio Lower Upper
75 100
155 72.8 80.0 120.0#
157 108.2 94.5 141.7

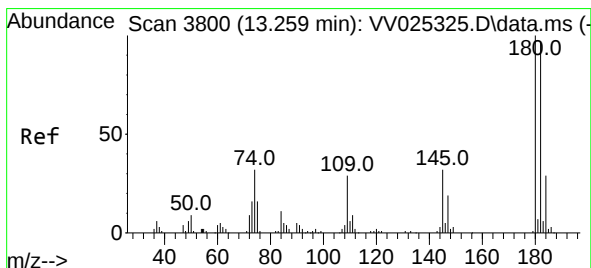
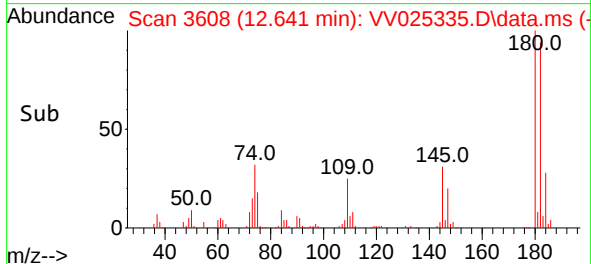
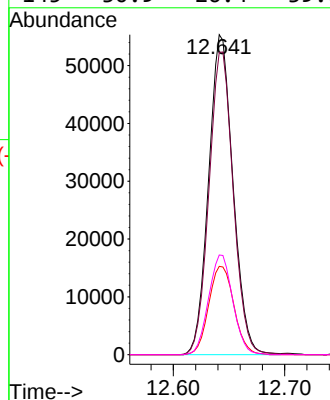
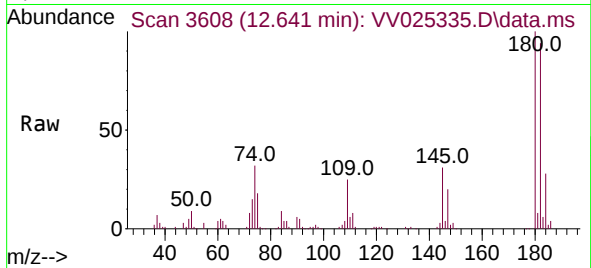




#69
1,3,5-Trichlorobenzene
Concen: 5.266 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

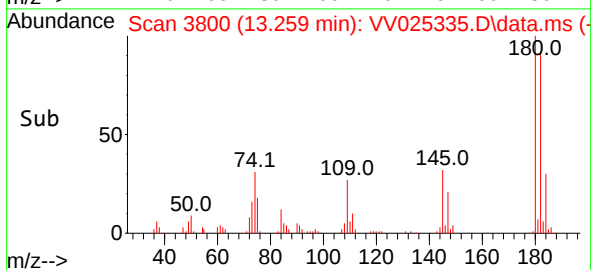
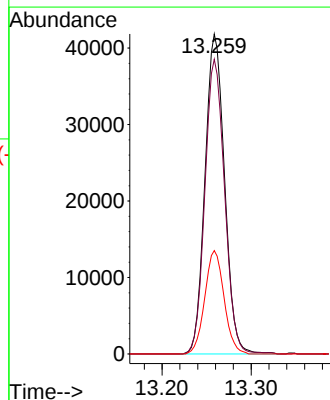
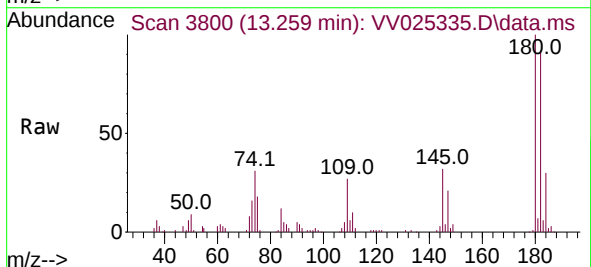
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

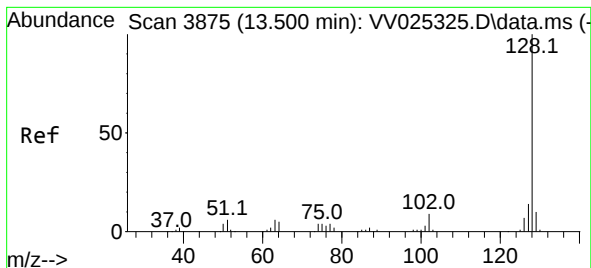
Tgt Ion:180	Resp:	84111
Ion Ratio	Lower	Upper
180	100	
182	94.2	77.1 115.7
184	28.6	23.6 35.4
145	30.9	26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 5.285 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025335.D
Acq: 31 Mar 2022 16:03

Tgt Ion:180	Resp:	63691
Ion Ratio	Lower	Upper
180	100	
182	92.9	77.5 116.3
145	31.8	26.2 39.4





#71

Naphthalene

Concen: 5.018 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

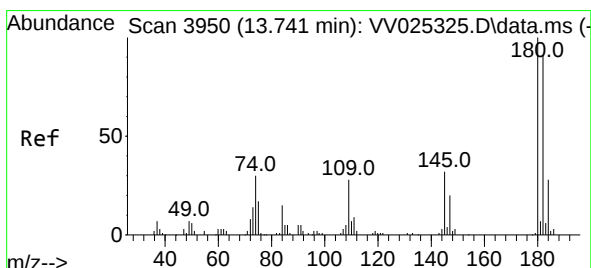
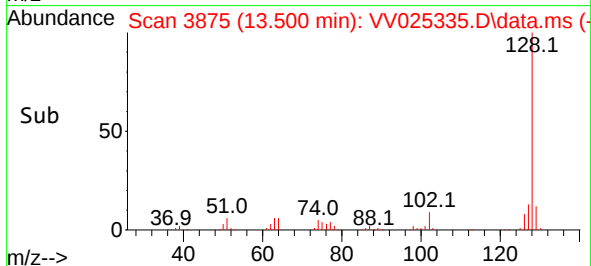
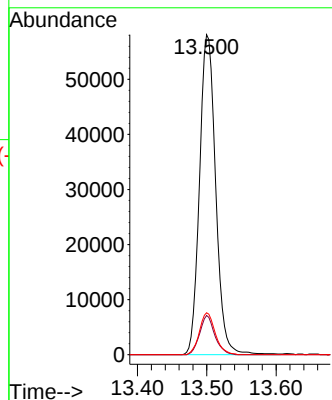
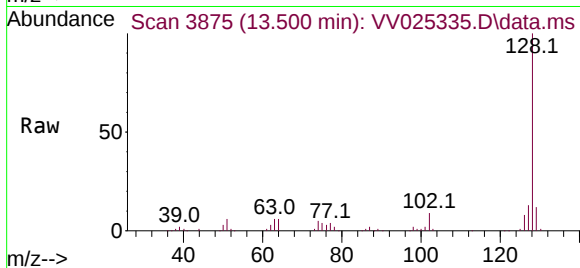
Tgt Ion:128 Resp: 94242

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 12.9 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.316 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025335.D

Acq: 31 Mar 2022 16:03

Tgt Ion:180 Resp: 55195

Ion Ratio Lower Upper

180 100

182 97.6 75.8 113.6

145 34.2 28.6 42.8

