

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025464.D
 Acq On : 12 Apr 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Apr 13 02:28:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	143517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55172	4.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.568	69	52396	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.111	63	124946	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.889	46	82338	50.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.346	84	93372	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.031	65	41022	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	174088	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	50760	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.310	98	161385	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.622	79	16790	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.085	63	61528	44.186	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33280	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	55453	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	73581	5.676	ug/L	98
3) Chloromethane	1.243	50	86898	6.169	ug/L	97
5) Vinyl chloride	1.314	62	94493	5.936	ug/L	98
6) Bromomethane	1.523	94	58014	5.054	ug/L	99
8) Chloroethane	1.587	64	63905	5.201	ug/L	99
9) Trichlorofluoromethane	1.754	101	138953	6.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	75767	6.032	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72454	5.820	ug/L	85
13) Acetone	2.185	43	61947	56.233	ug/L	99
14) Carbon disulfide	2.294	76	157418	5.283	ug/L	100
15) Methyl Acetate	2.442	43	15016	6.133	ug/L	89
16) Methylene chloride	2.507	84	55745	4.619	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	95974	4.983	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	56423	5.409	ug/L	94
19) 1,1-Dichloroethane	3.188	63	96717	5.474	ug/L	98
21) 2-Butanone	3.973	43	79984	52.545	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	57610	5.246	ug/L	95
23) Bromochloromethane	4.246	128	24773	5.434	ug/L	97
25) Chloroform	4.371	83	105180	5.640	ug/L	97

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 Acq On : 12 Apr 2022 09:44
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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Apr 13 02:28:19 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

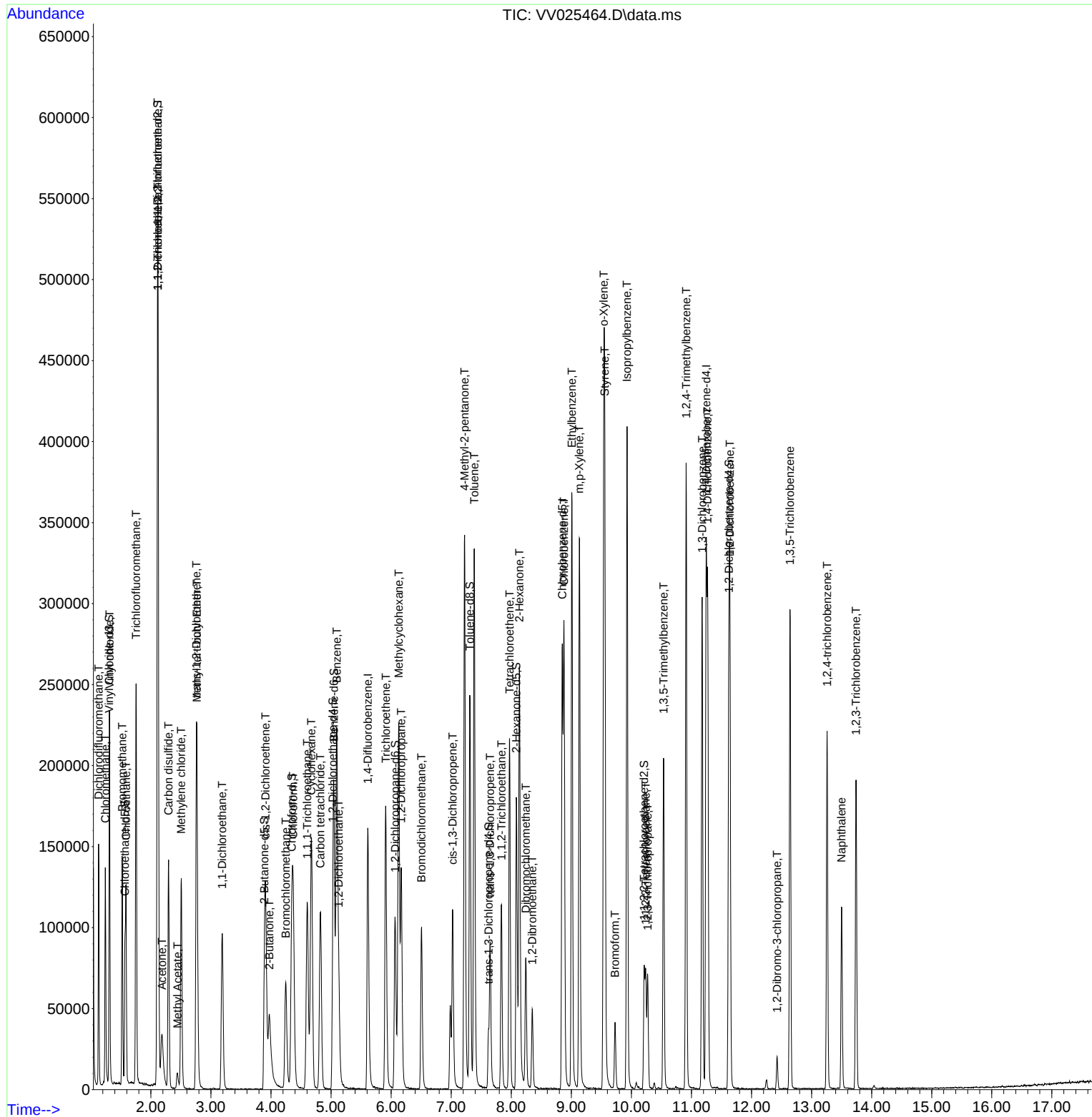
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	54870	5.577	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	94947	5.503	ug/L	99
30) Cyclohexane	4.670	56	77510	4.941	ug/L	99
31) Carbon tetrachloride	4.822	117	81529	5.587	ug/L	97
33) Benzene	5.095	78	226663	5.245	ug/L	100
34) Trichloroethene	5.912	95	61260	5.339	ug/L	99
35) Methylcyclohexane	6.127	83	91639	5.005	ug/L	96
37) 1,2-Dichloropropane	6.169	63	51843	5.186	ug/L	97
38) Bromodichloromethane	6.506	83	67313	5.424	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	66656	5.088	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	214973	53.706	ug/L	97
42) Toluene	7.384	91	247245	5.260	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	53104	5.217	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	35855	5.356	ug/L	98
47) Tetrachloroethene	7.973	164	47103	5.244	ug/L	97
48) 2-Hexanone	8.136	43	150468	53.940	ug/L	99
49) Dibromochloromethane	8.243	129	39604	5.389	ug/L	99
50) 1,2-Dibromoethane	8.349	107	31478	5.006	ug/L	98
51) Chlorobenzene	8.879	112	155702	5.188	ug/L	98
52) Ethylbenzene	9.008	91	253158	5.050	ug/L	99
53) m,p-Xylene	9.133	106	100029	5.248	ug/L	99
54) o-Xylene	9.542	106	96488	5.212	ug/L	94
55) Styrene	9.558	104	162134	5.386	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	34447	5.150	ug/L	99
59) Bromoform	9.728	173	17255	5.201	ug/L	98
60) Isopropylbenzene	9.927	105	257156	5.169	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	27425	5.181	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	107299	4.837	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	201570	5.043	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	118899	5.120	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	118075	5.009	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	104918	5.101	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4686	5.120	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	86785	4.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	63563	4.667	ug/L	99
71) Naphthalene	13.500	128	88165	4.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54172	4.803	ug/L	99

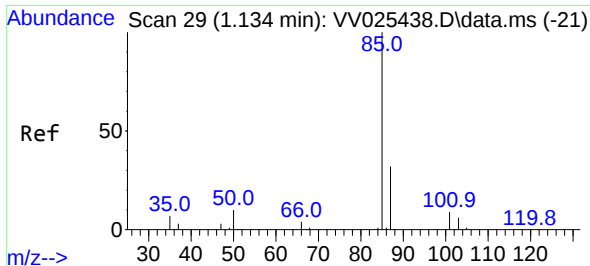
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 Data File : VV025464.D
 Acq On : 12 Apr 2022 09:44
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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

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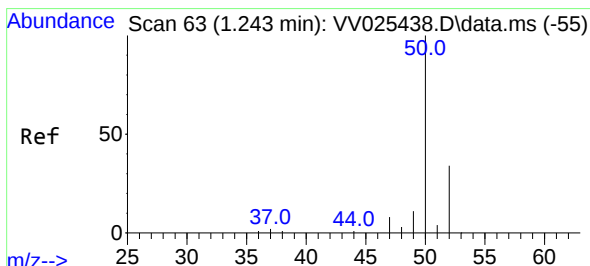
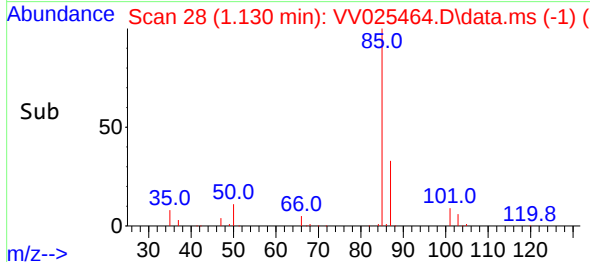
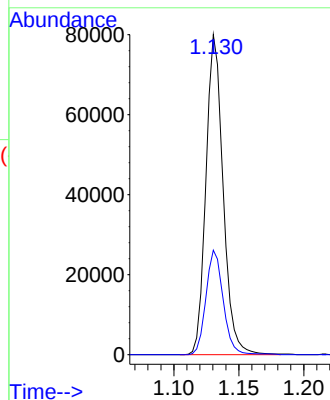
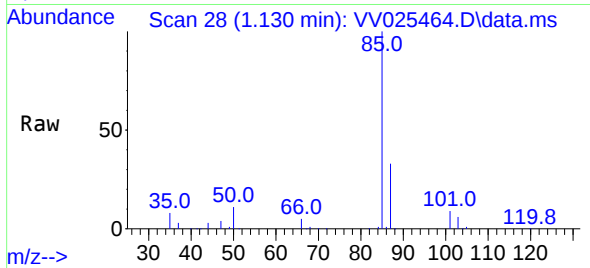




#2
 Dichlorodifluoromethane
 Concen: 5.676 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025464.D
 Acq: 12 Apr 2022 09:44

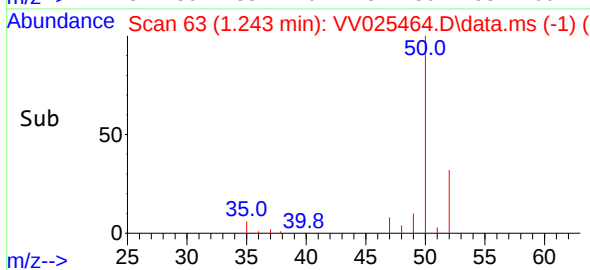
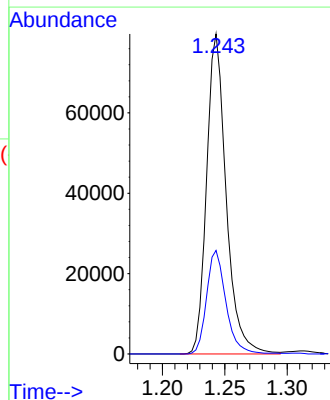
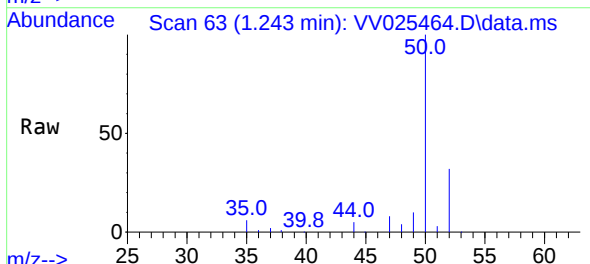
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

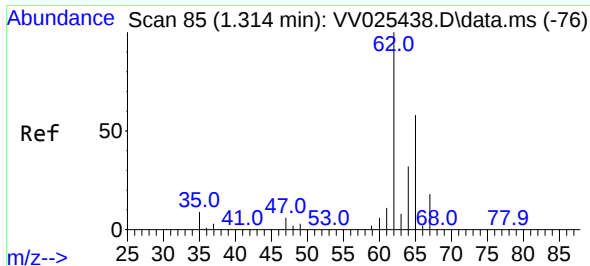
Tgt Ion: 85 Resp: 73581
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 6.169 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025464.D
 Acq: 12 Apr 2022 09:44

Tgt Ion: 50 Resp: 86898
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 43.9

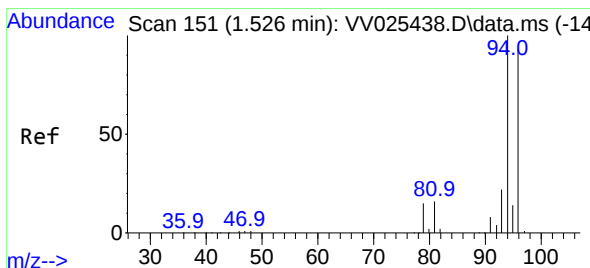
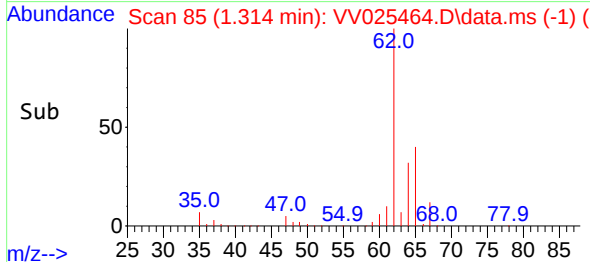
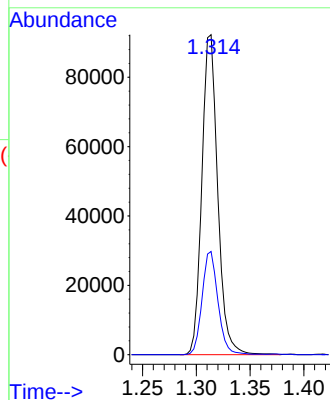
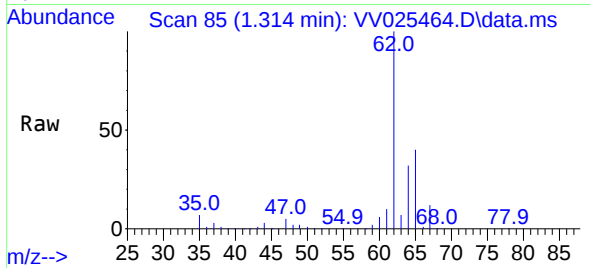




#5
 Vinyl chloride
 Concen: 5.936 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025464.D
 Acq: 12 Apr 2022 09:44

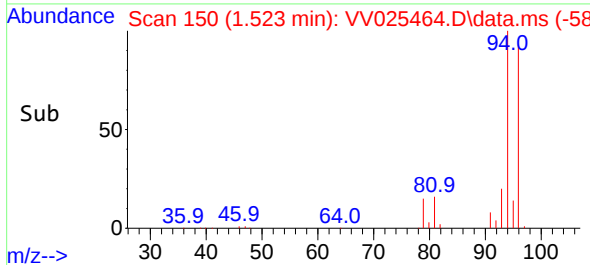
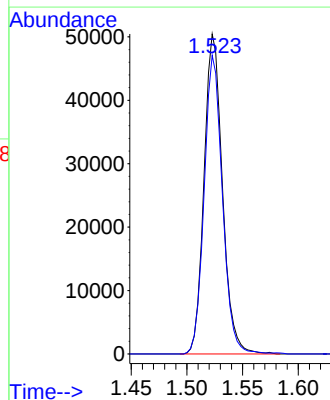
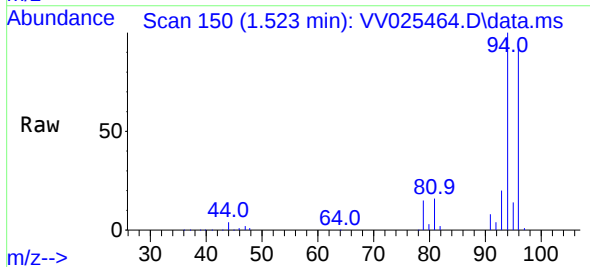
Instrument :
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 ClientSampleId :
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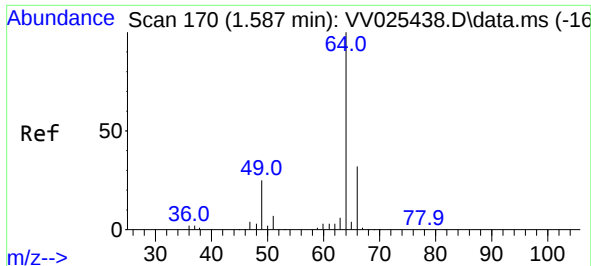
Tgt Ion: 62 Resp: 94493
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.2 43.2



#6
 Bromomethane
 Concen: 5.054 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025464.D
 Acq: 12 Apr 2022 09:44

Tgt Ion: 94 Resp: 58014
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.1 122.7

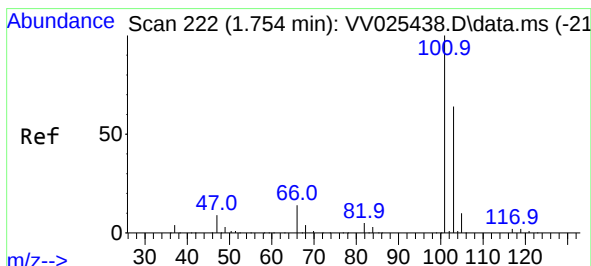
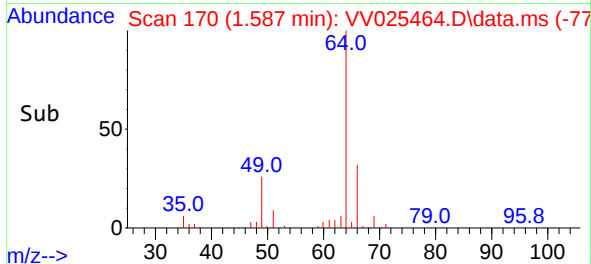
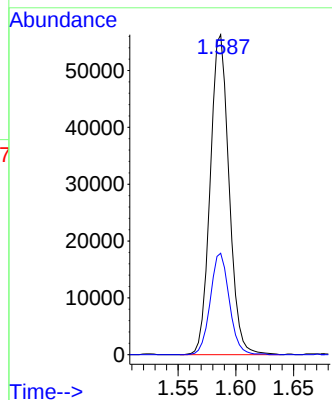
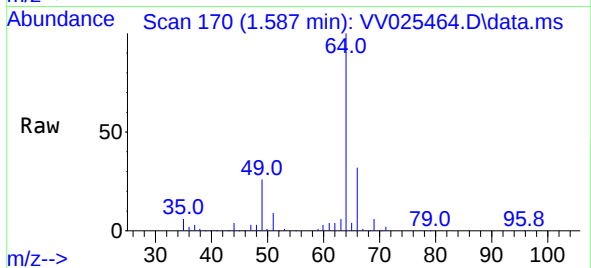




#8
Chloroethane
Concen: 5.201 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

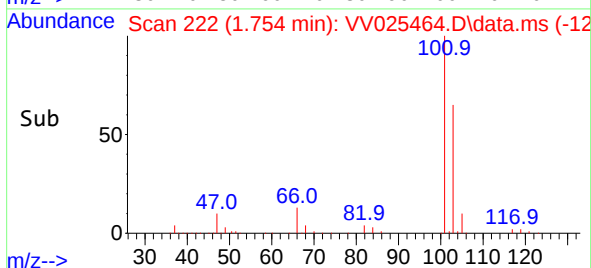
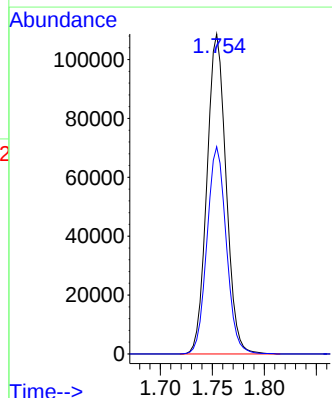
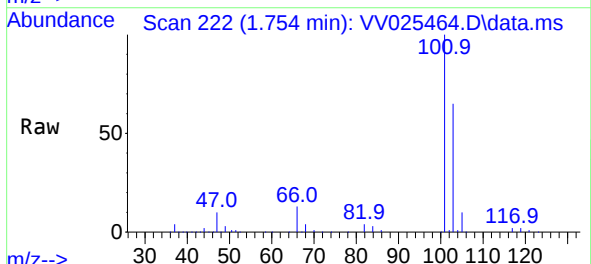
Instrument :
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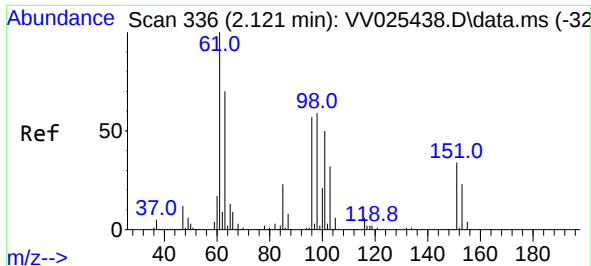
Tgt Ion: 64 Resp: 63905
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 6.215 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:101 Resp: 138953
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9

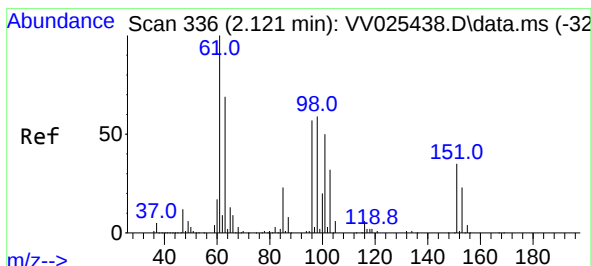
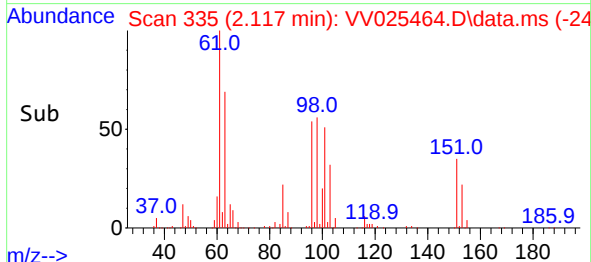
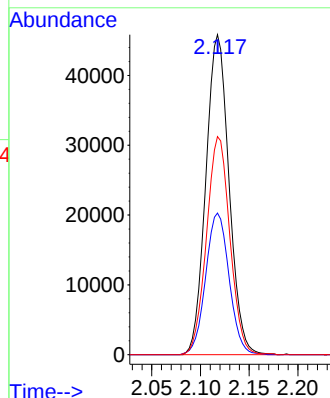
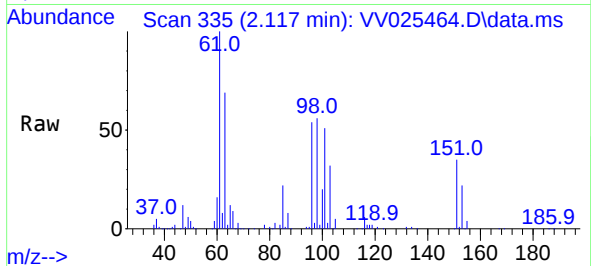




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.032 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

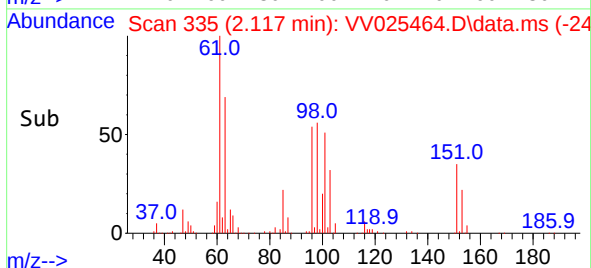
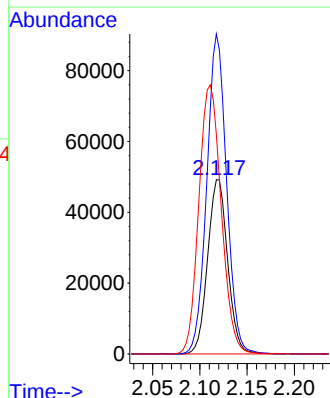
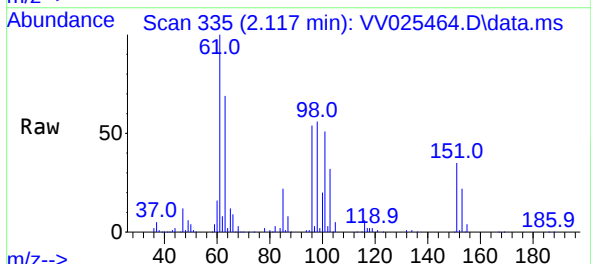
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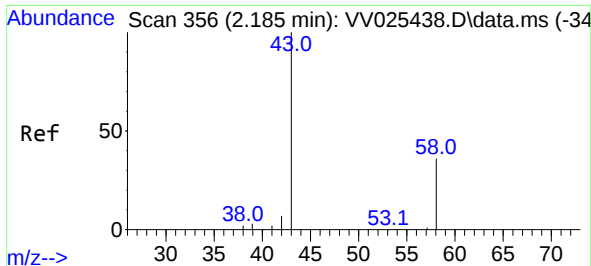
Tgt Ion:101 Resp: 75767
Ion Ratio Lower Upper
101 100
85 44.8 35.9 53.9
151 68.8 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.820 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 96 Resp: 72454
Ion Ratio Lower Upper
96 100
61 183.7 125.2 232.4
63 126.0 114.4 212.4





#13

Acetone

Concen: 56.233 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

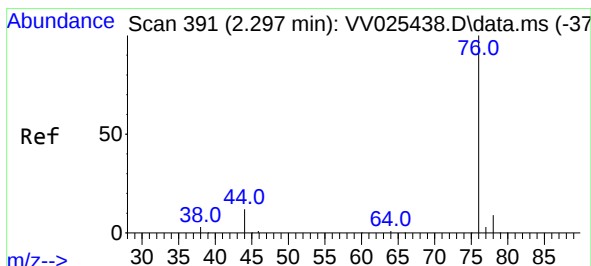
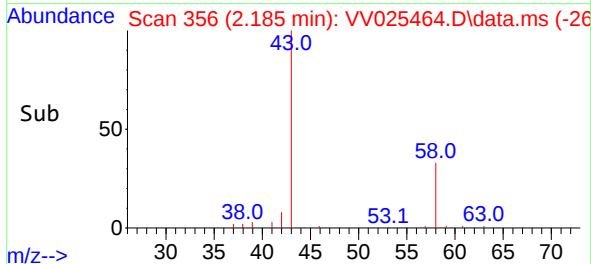
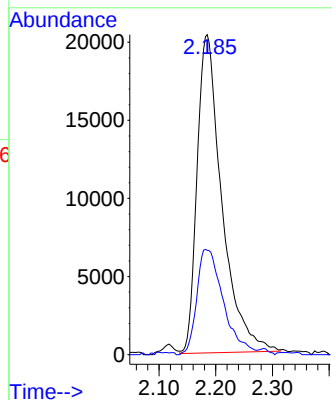
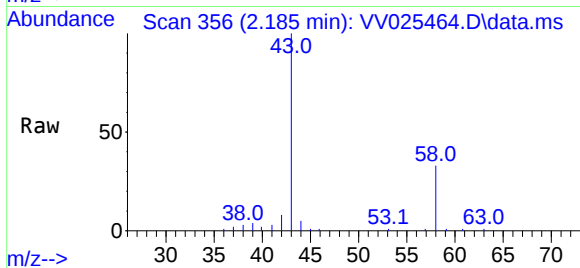
VSTD005372

Tgt Ion: 43 Resp: 61947

Ion Ratio Lower Upper

43 100

58 35.3 0.0 72.2



#14

Carbon disulfide

Concen: 5.283 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025464.D

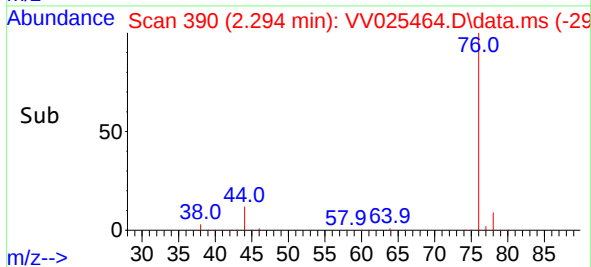
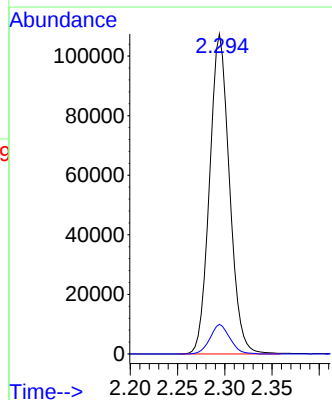
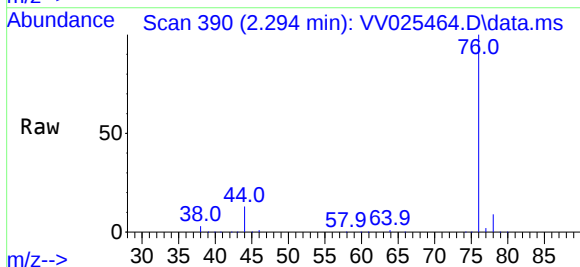
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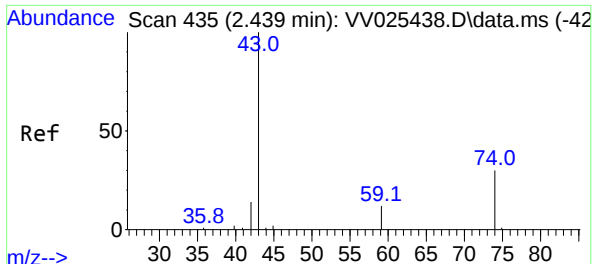
Tgt Ion: 76 Resp: 157418

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

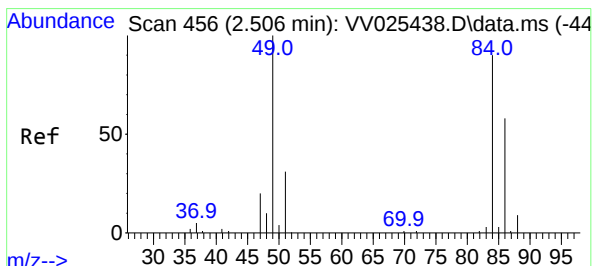
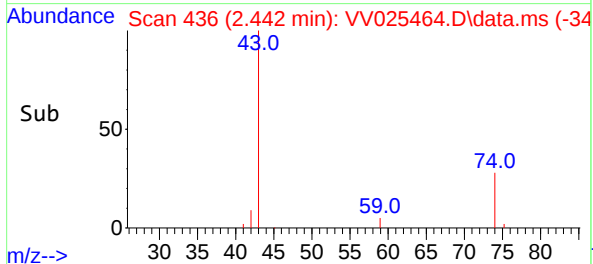
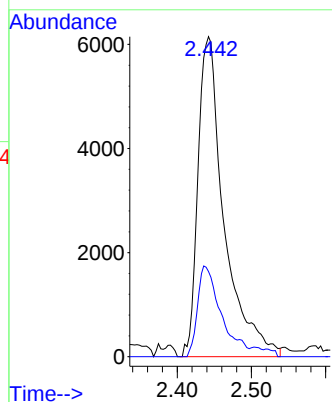
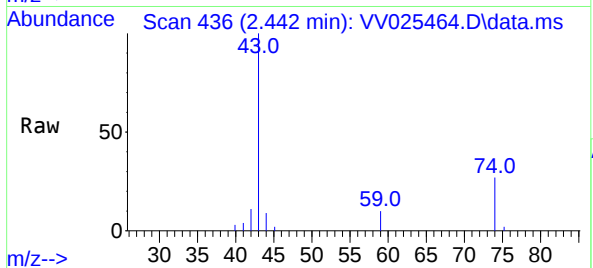




#15
Methyl Acetate
Concen: 6.133 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

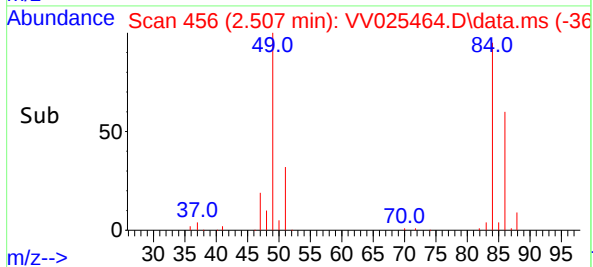
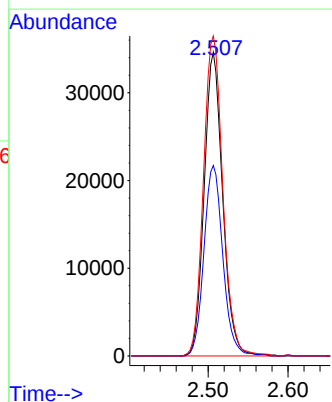
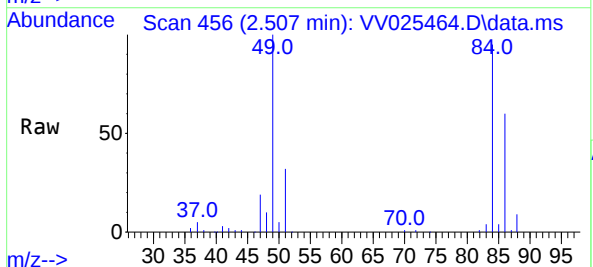
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

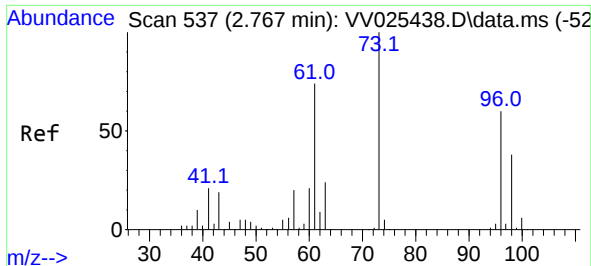
Tgt Ion: 43 Resp: 15016
Ion Ratio Lower Upper
43 100
74 25.5 25.2 37.8



#16
Methylene chloride
Concen: 4.619 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 84 Resp: 55745
Ion Ratio Lower Upper
84 100
86 62.8 45.9 85.3
49 105.4 76.6 142.3

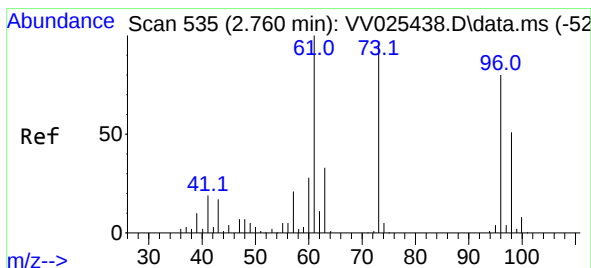
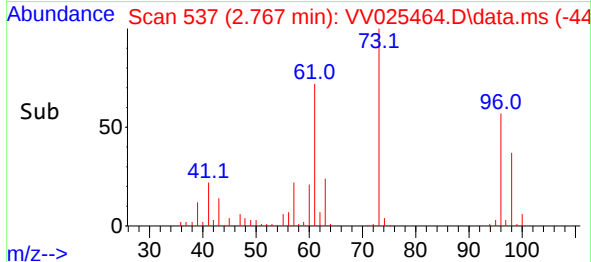
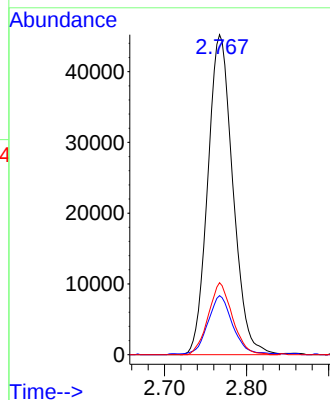
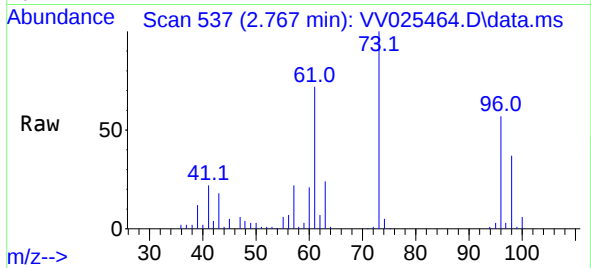




#17
Methyl tert-butyl Ether
Concen: 4.983 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

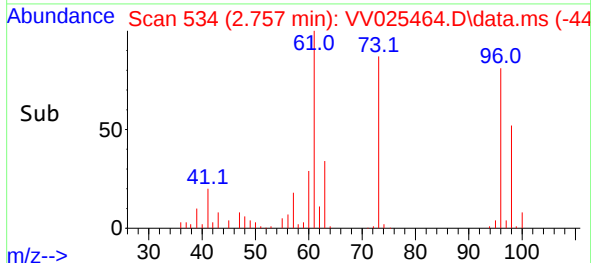
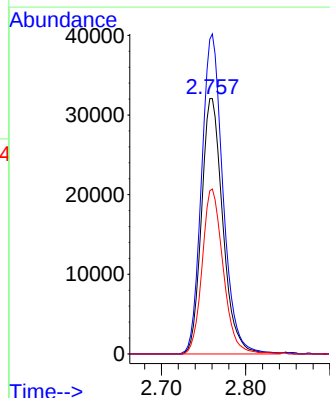
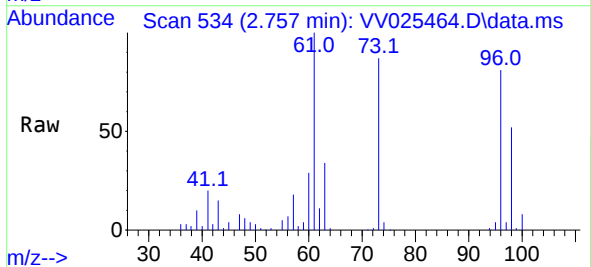
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

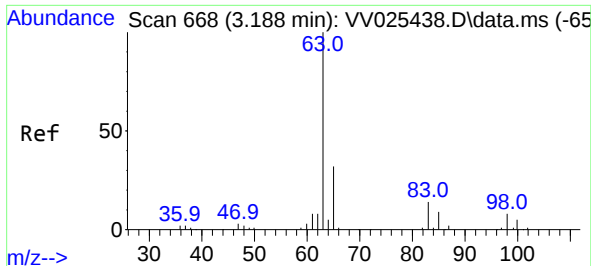
Tgt Ion: 73 Resp: 95974
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.4
57 21.6 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.409 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 96 Resp: 56423
Ion Ratio Lower Upper
96 100
61 123.2 92.1 171.1
98 63.9 47.5 88.1

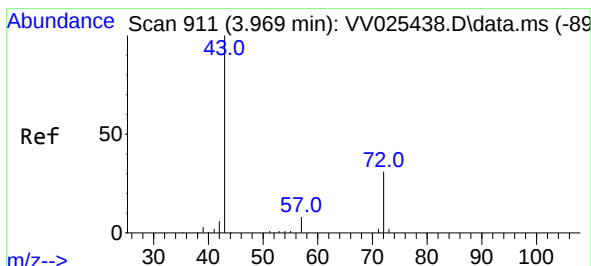
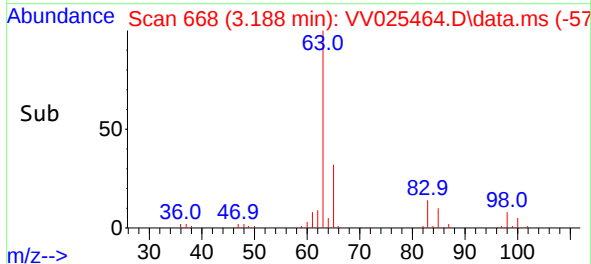
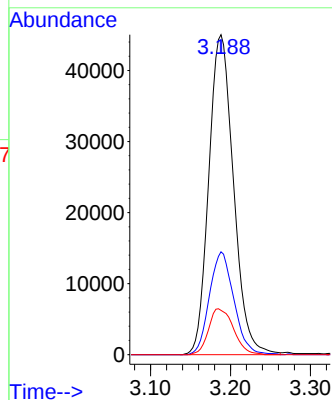
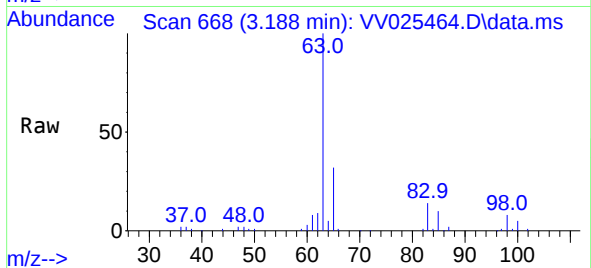




#19
1,1-Dichloroethane
Concen: 5.474 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

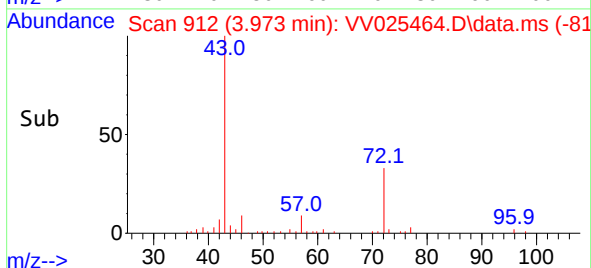
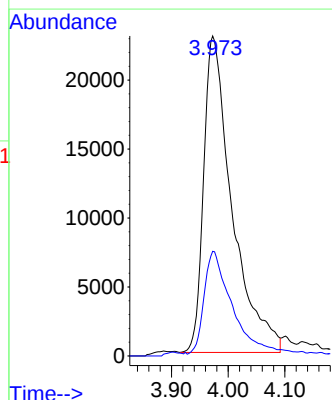
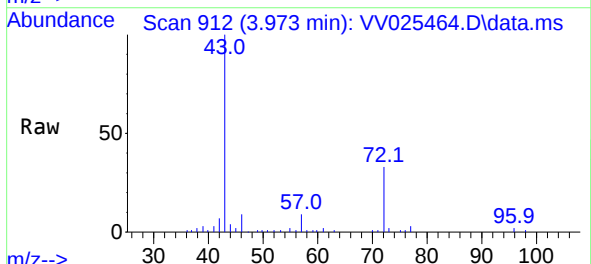
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

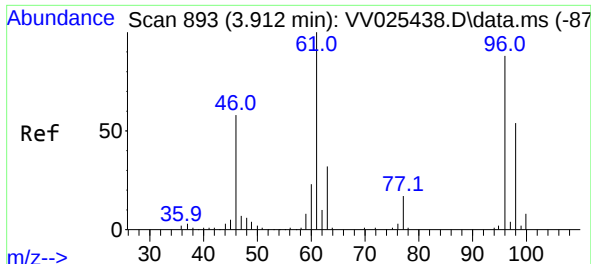
Tgt Ion: 63 Resp: 96717
Ion Ratio Lower Upper
63 100
65 32.1 23.2 43.0
83 13.9 9.0 16.8



#21
2-Butanone
Concen: 52.545 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 43 Resp: 79984
Ion Ratio Lower Upper
43 100
72 31.7 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.246 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

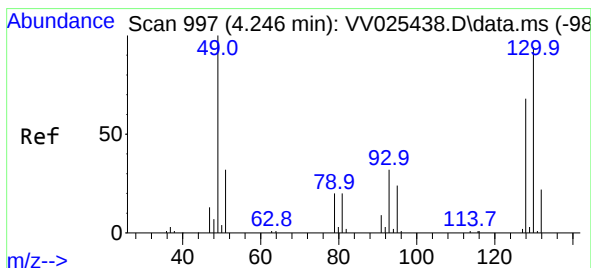
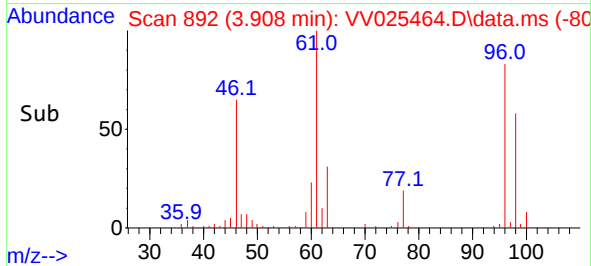
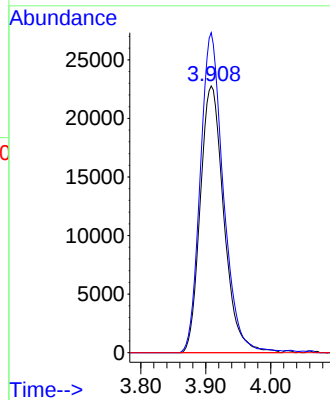
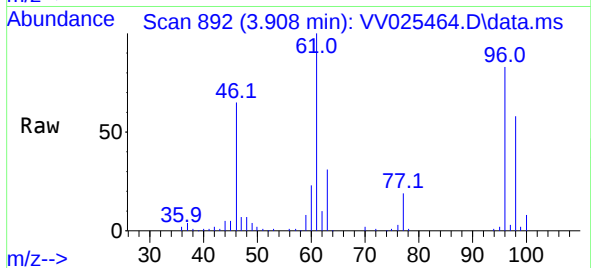
Tgt Ion: 96 Resp: 57610

Ion Ratio Lower Upper

96 100

61 120.0 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.434 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Tgt Ion: 128 Resp: 24773

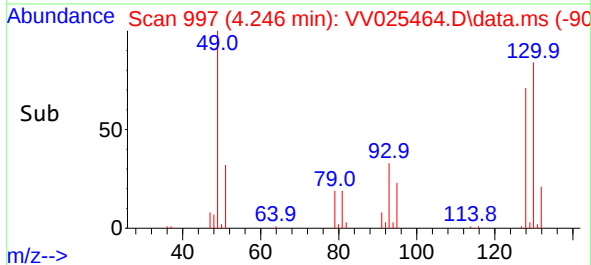
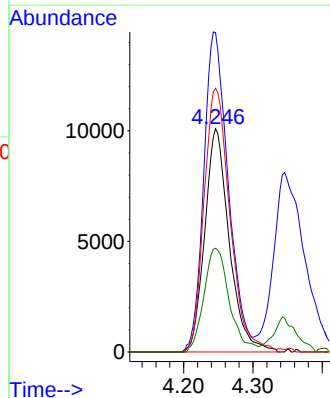
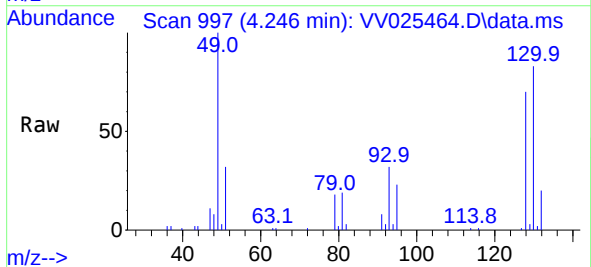
Ion Ratio Lower Upper

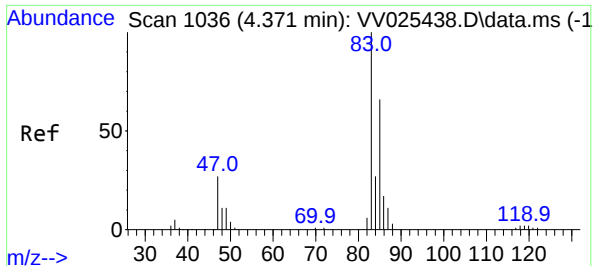
128 100

49 143.1 100.5 186.7

130 118.1 87.8 163.0

51 46.4 35.1 52.7





#25

Chloroform

Concen: 5.640 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

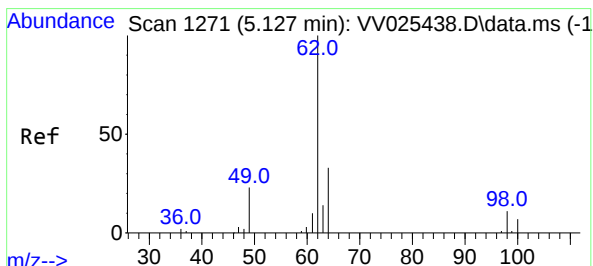
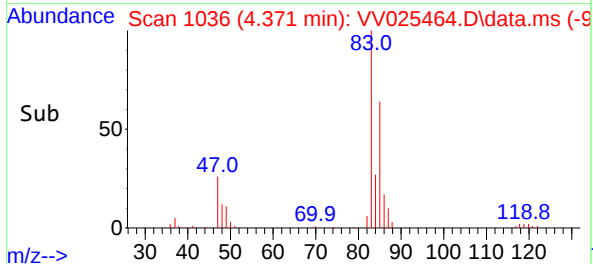
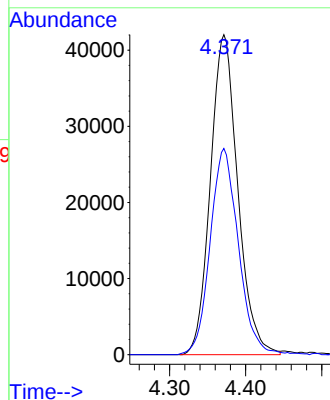
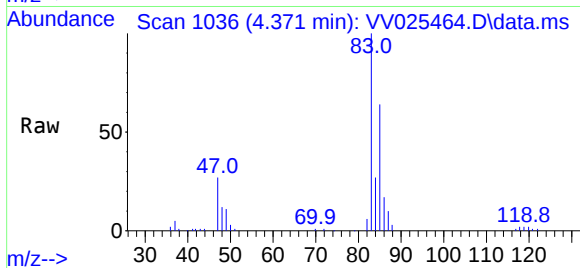
VSTD005372

Tgt Ion: 83 Resp: 105180

Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.577 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025464.D

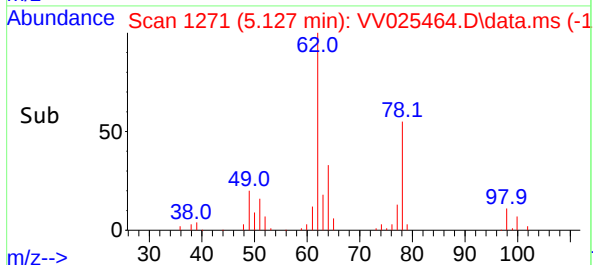
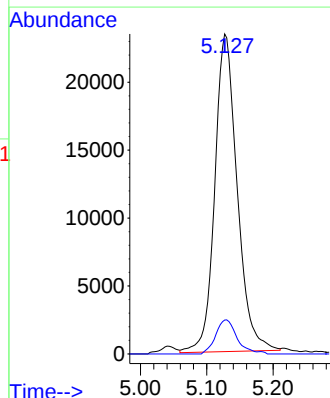
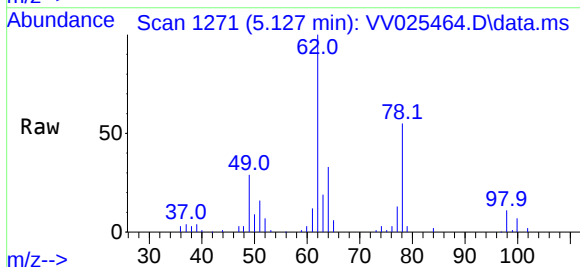
Acq: 12 Apr 2022 09:44

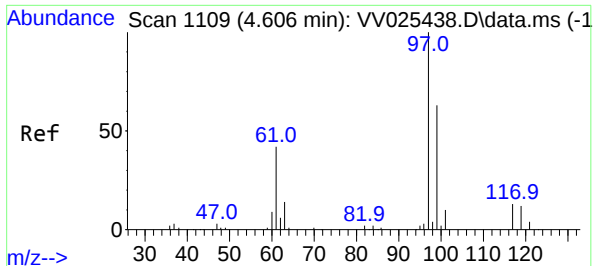
Tgt Ion: 62 Resp: 54870

Ion Ratio Lower Upper

62 100

98 10.6 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.503 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

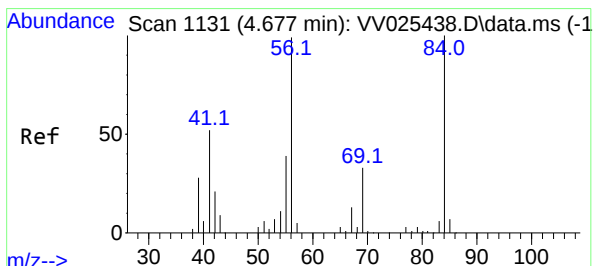
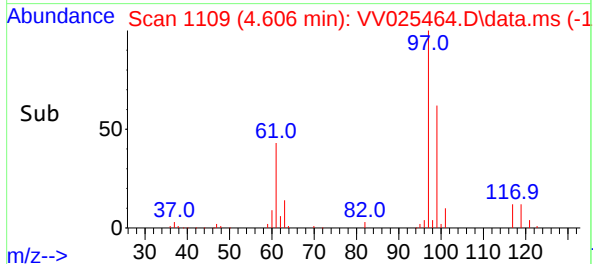
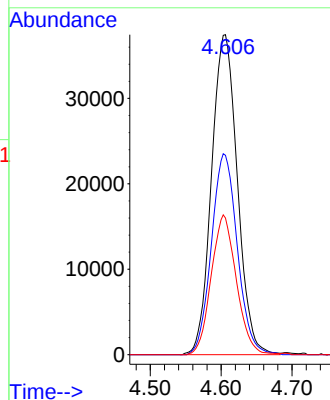
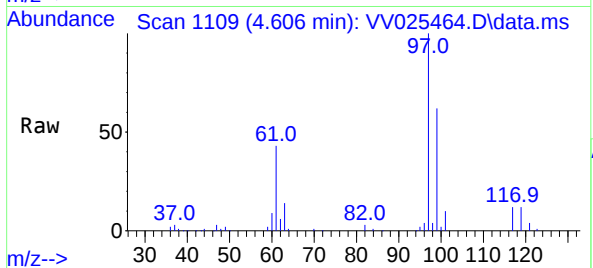
Tgt Ion: 97 Resp: 94947

Ion Ratio Lower Upper

97 100

99 63.1 51.5 77.3

61 42.5 34.3 51.5



#30

Cyclohexane

Concen: 4.941 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

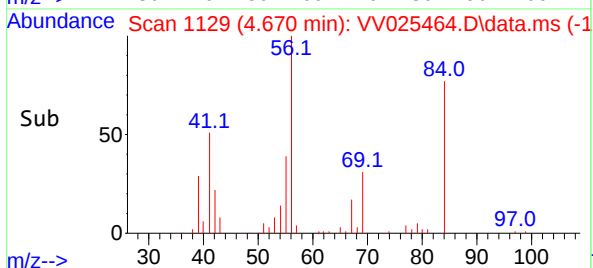
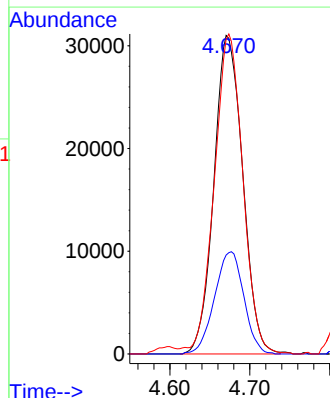
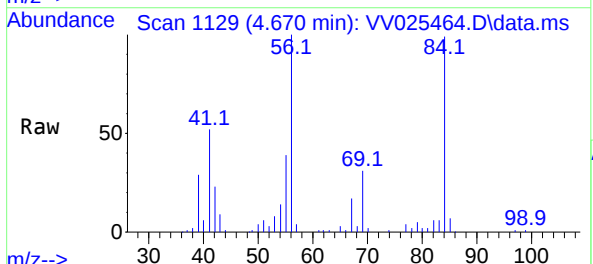
Tgt Ion: 56 Resp: 77510

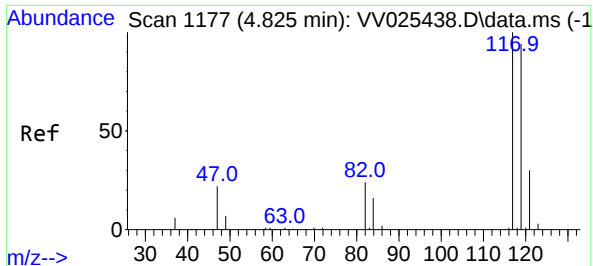
Ion Ratio Lower Upper

56 100

69 32.7 26.1 39.1

84 100.1 78.6 118.0

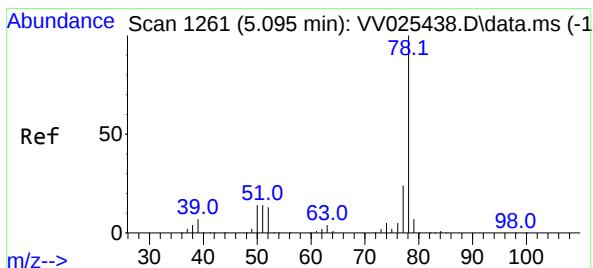
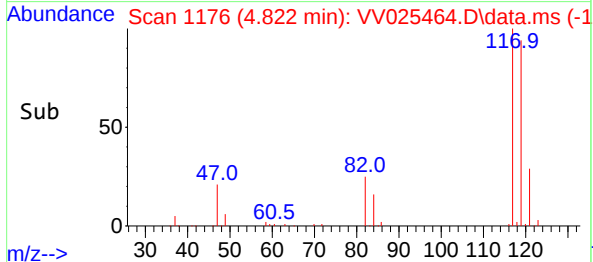
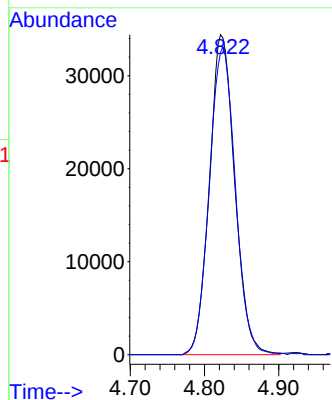
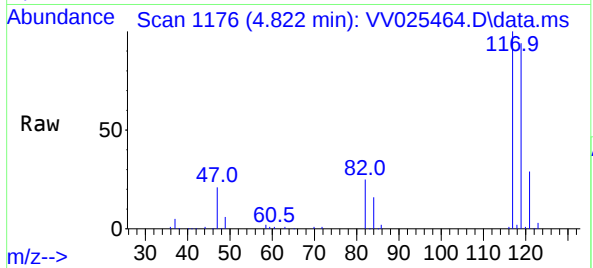




#31
Carbon tetrachloride
Concen: 5.587 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

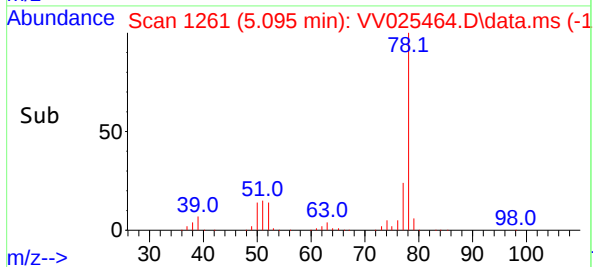
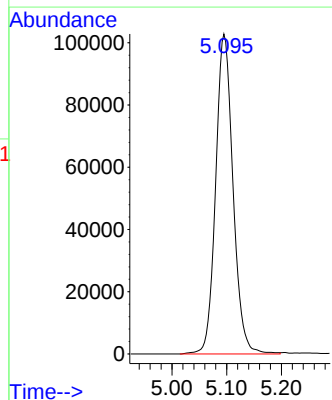
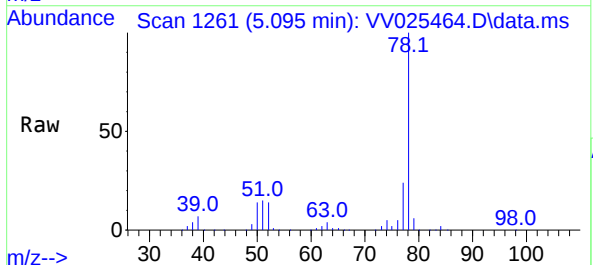
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

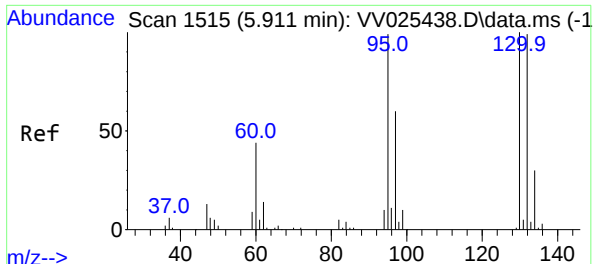
Tgt Ion:117 Resp: 81529
Ion Ratio Lower Upper
117 100
119 98.5 76.6 114.8



#33
Benzene
Concen: 5.245 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 78 Resp: 226663

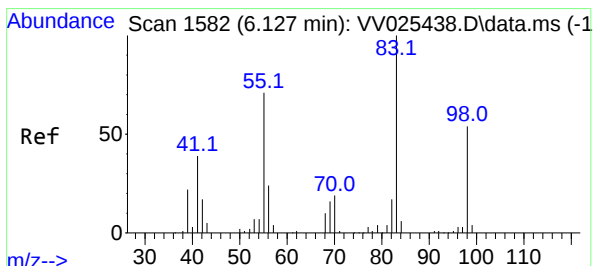
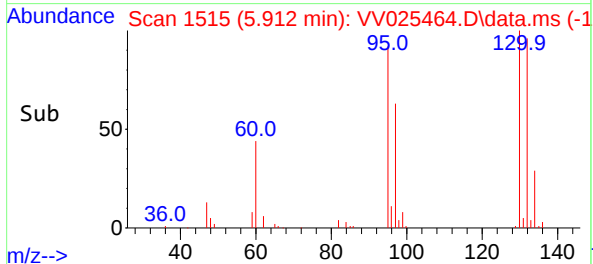
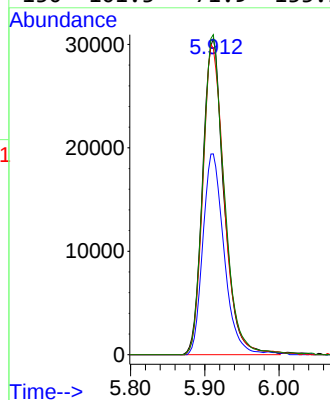
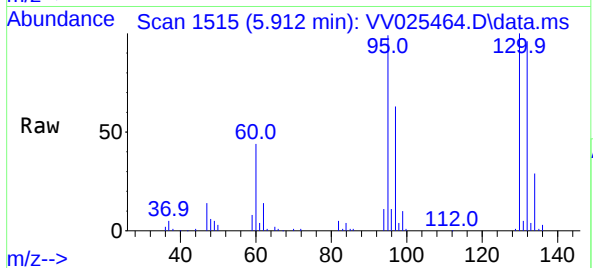




#34
Trichloroethene
Concen: 5.339 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

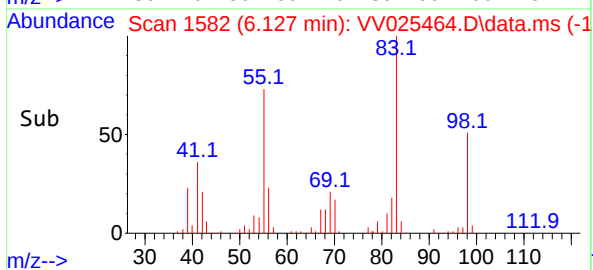
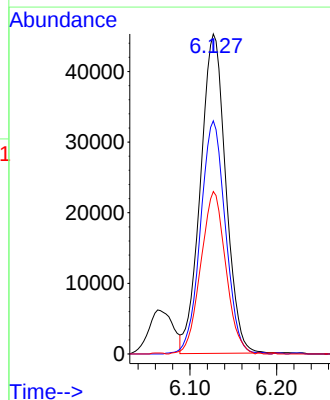
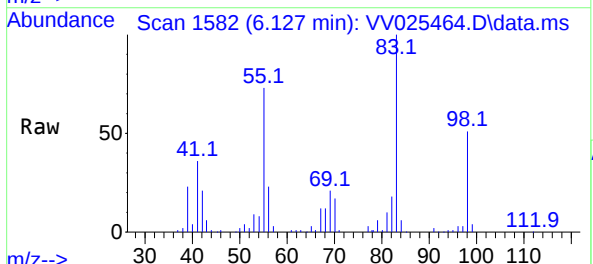
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

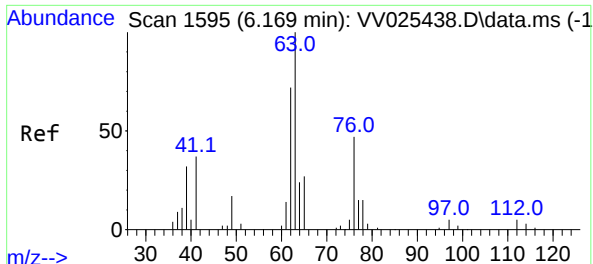
Tgt Ion: 95 Resp: 61260
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 97.0 68.0 126.4
130 101.3 71.9 133.5



#35
Methylcyclohexane
Concen: 5.005 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 83 Resp: 91639
Ion Ratio Lower Upper
83 100
55 72.1 53.7 80.5
98 50.4 39.6 59.4

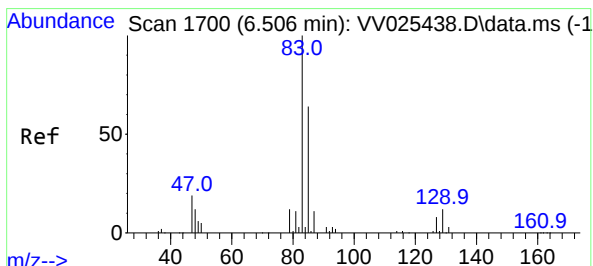
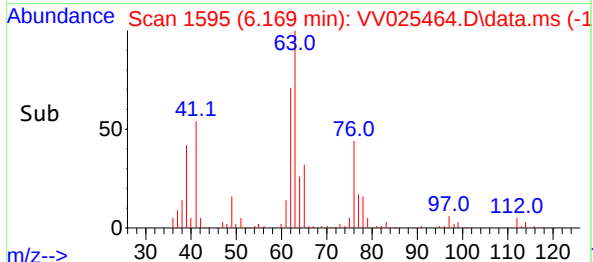
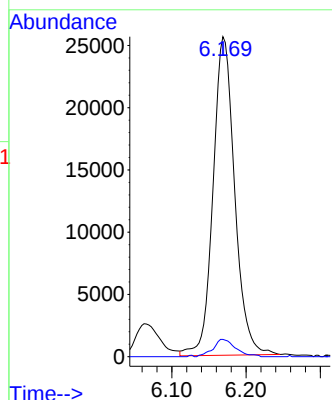
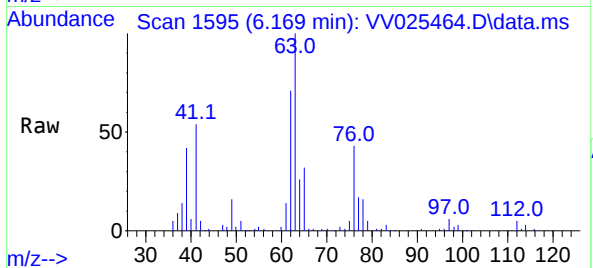




#37
1,2-Dichloropropane
Concen: 5.186 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

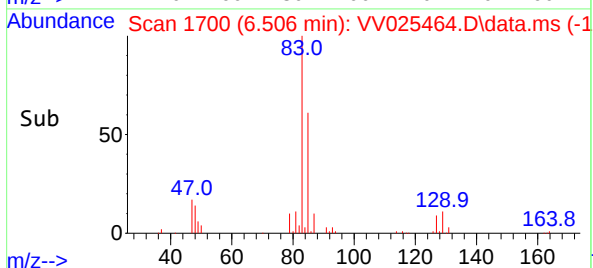
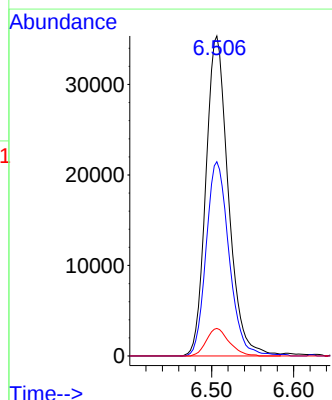
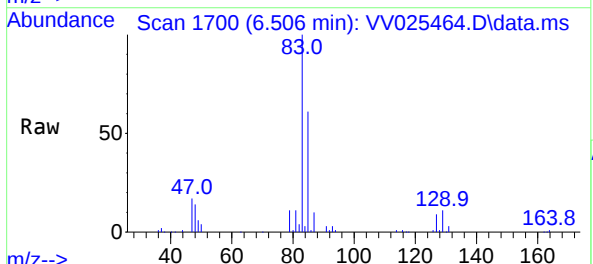
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

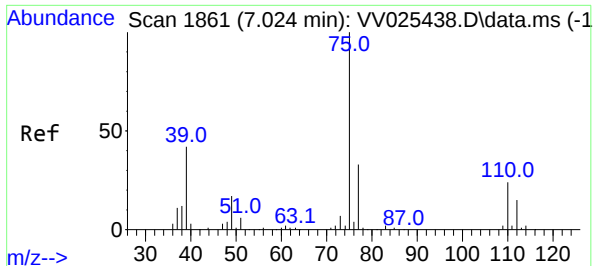
Tgt Ion: 63 Resp: 51843
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.8



#38
Bromodichloromethane
Concen: 5.424 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 83 Resp: 67313
Ion Ratio Lower Upper
83 100
85 60.7 44.4 82.4
127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

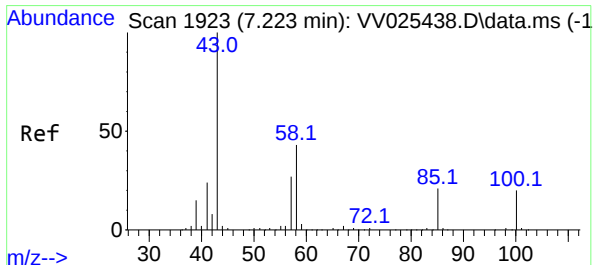
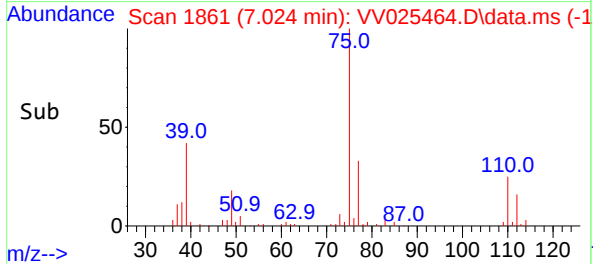
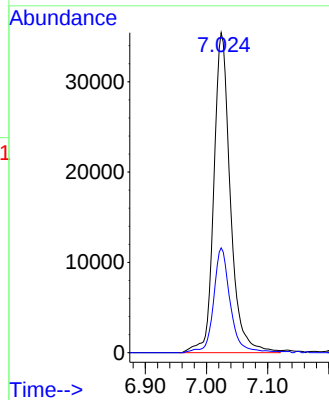
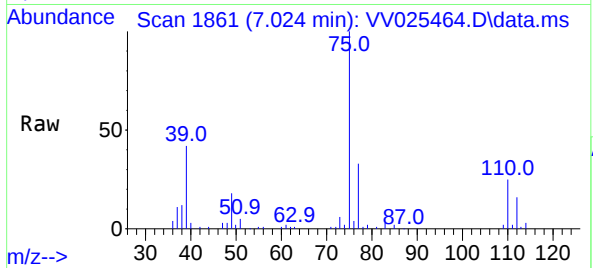
VSTD005372

Tgt Ion: 75 Resp: 66656

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.706 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

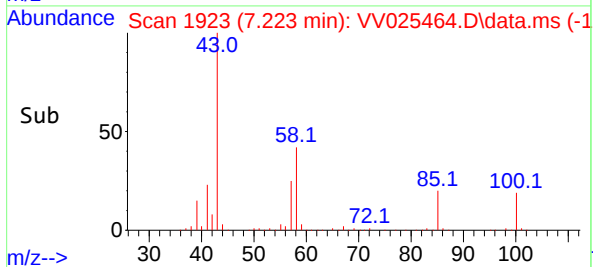
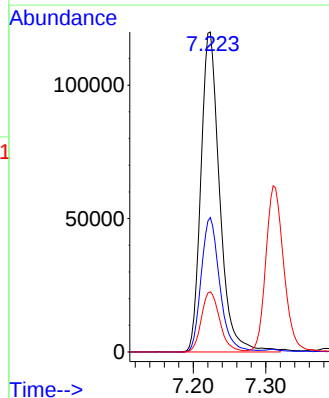
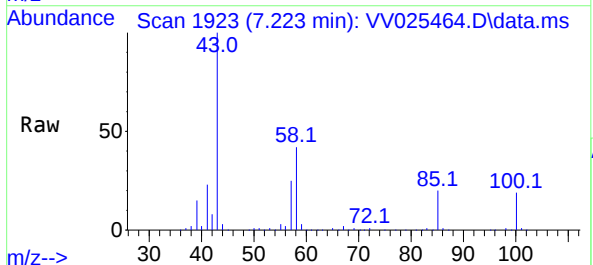
Tgt Ion: 43 Resp: 214973

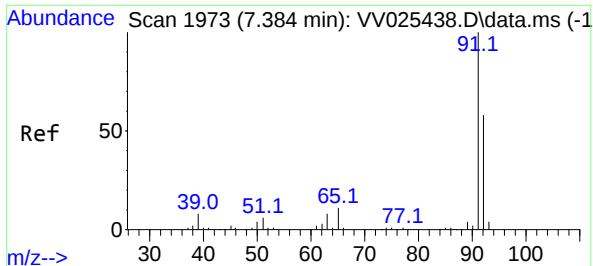
Ion Ratio Lower Upper

43 100

58 41.8 35.1 52.7

100 18.5 15.3 22.9

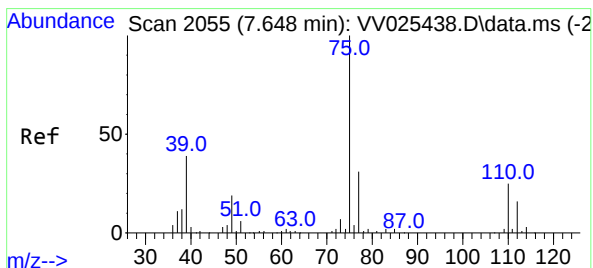
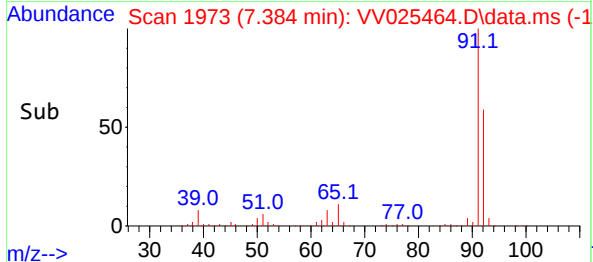
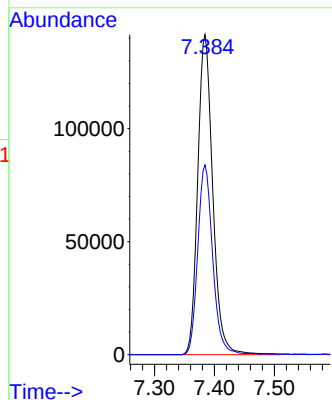
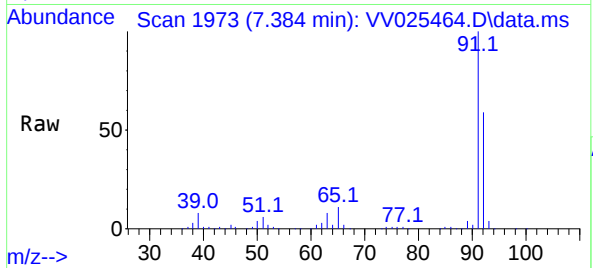




#42
Toluene
Concen: 5.260 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

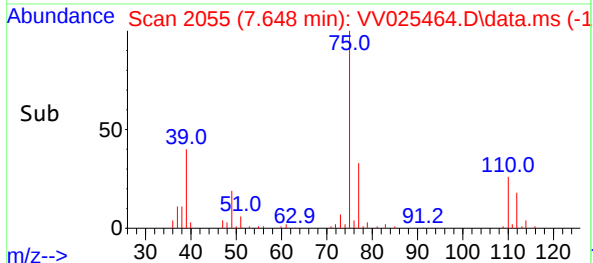
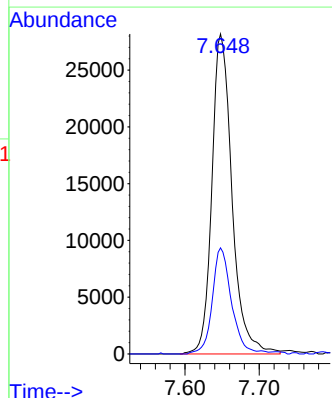
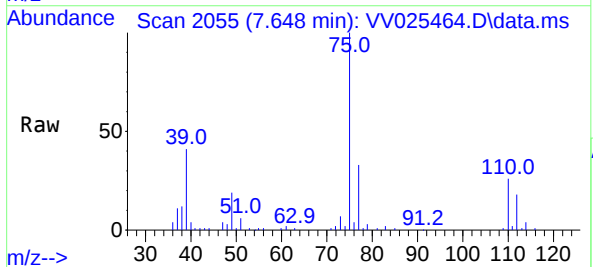
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

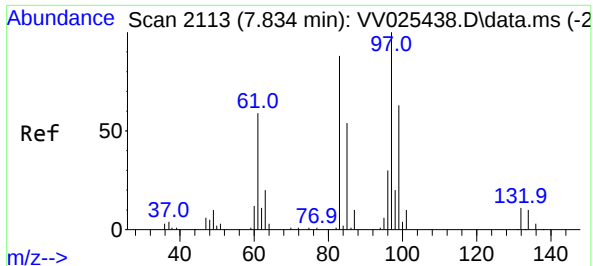
Tgt Ion: 91 Resp: 247245
Ion Ratio Lower Upper
91 100
92 59.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.217 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 75 Resp: 53104
Ion Ratio Lower Upper
75 100
77 33.2 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.356 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

Tgt Ion: 97 Resp: 35855

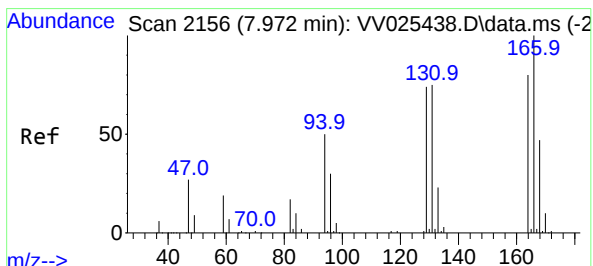
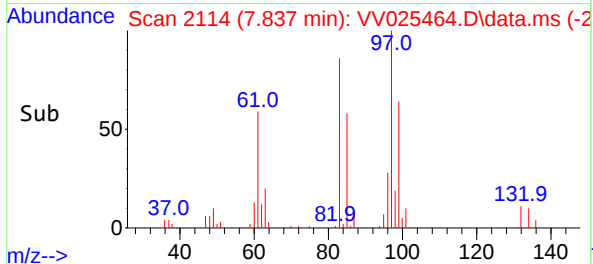
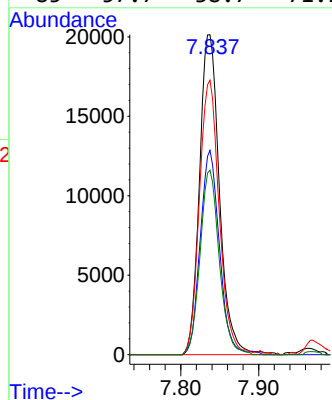
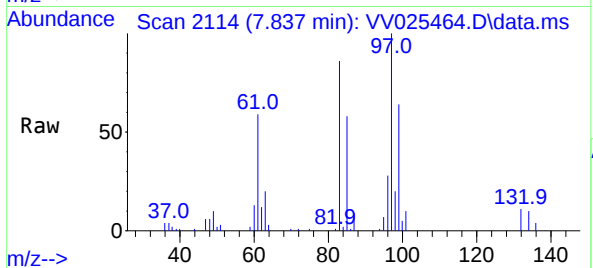
Ion Ratio Lower Upper

97 100

99 63.9 43.8 81.4

83 85.8 60.3 112.1

85 57.7 38.7 71.9



#47

Tetrachloroethene

Concen: 5.244 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Tgt Ion: 164 Resp: 47103

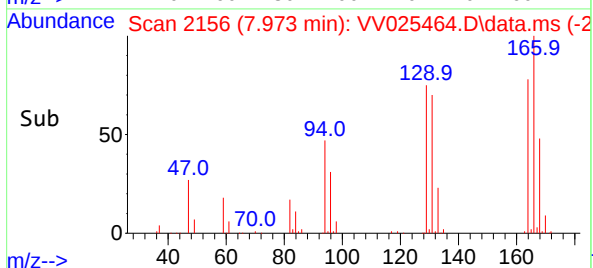
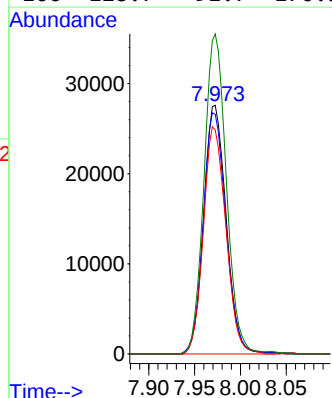
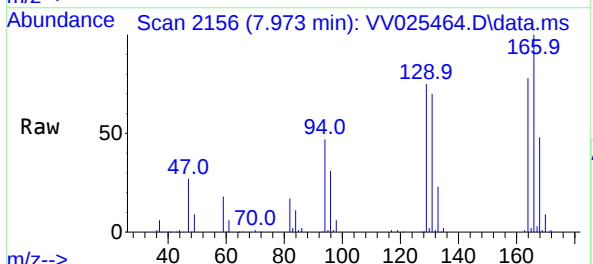
Ion Ratio Lower Upper

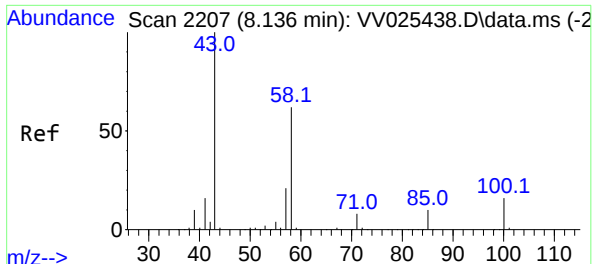
164 100

129 96.4 66.8 124.2

131 90.1 66.4 123.4

166 128.7 91.7 170.3



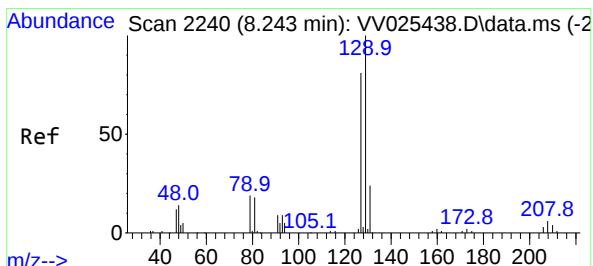
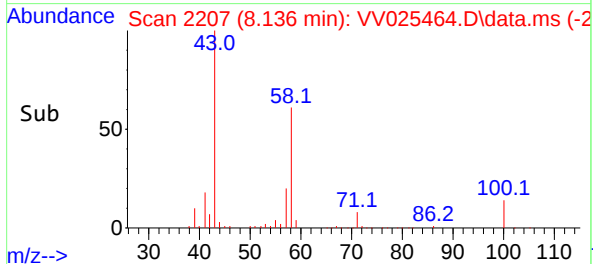
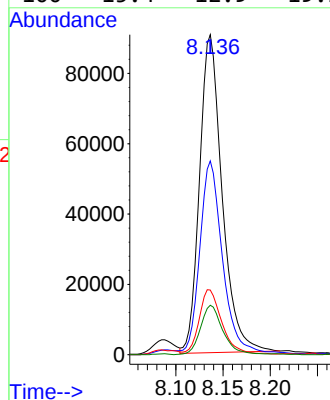
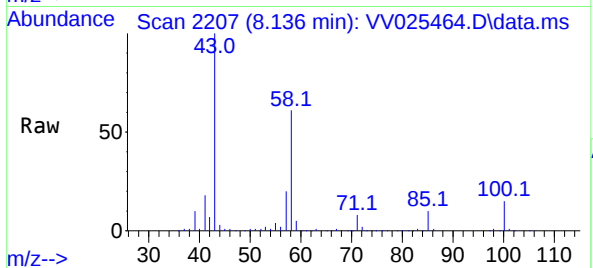


#48
2-Hexanone
Concen: 53.940 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion: 43 Resp: 150468

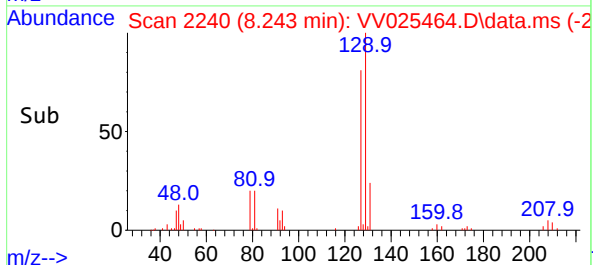
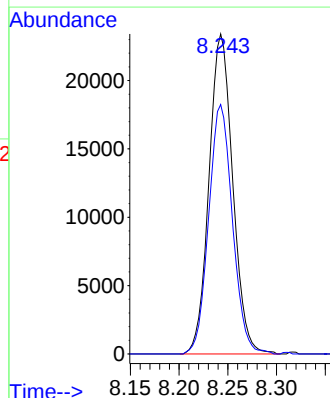
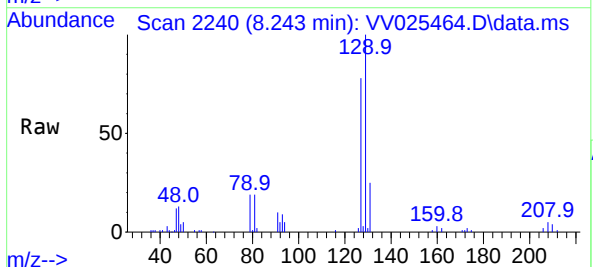
Ion	Ratio	Lower	Upper
43	100		
58	61.7	49.7	74.5
57	20.3	16.4	24.6
100	15.4	12.9	19.3

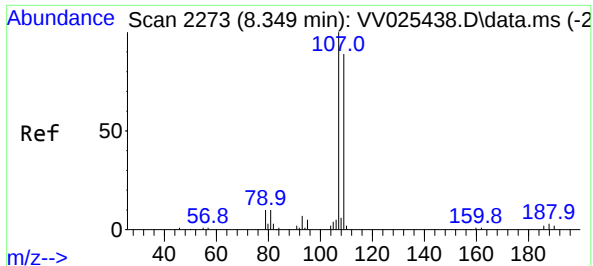


#49
Dibromochloromethane
Concen: 5.389 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 129 Resp: 39604

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.8	100.0



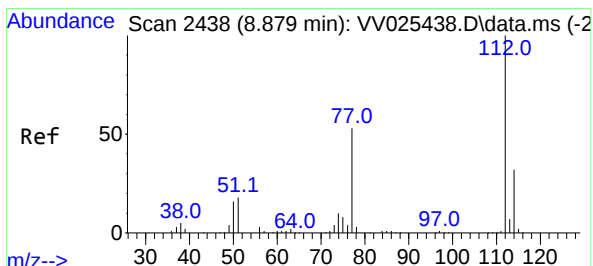
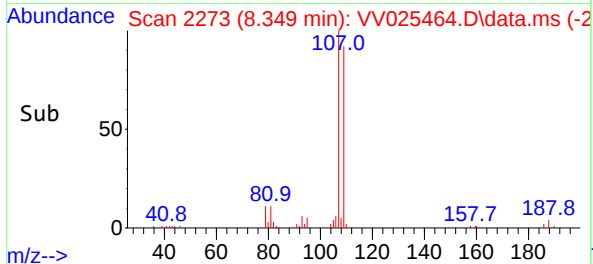
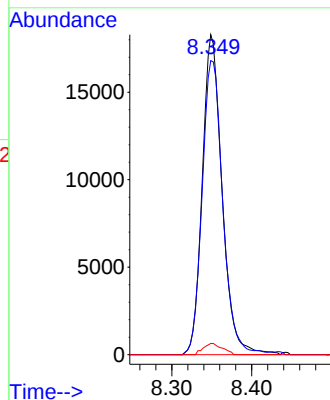
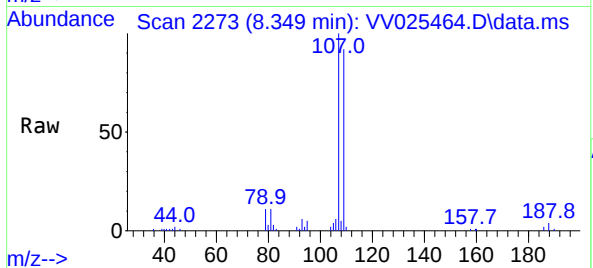


#50
1,2-Dibromoethane
Concen: 5.006 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion:107 Resp: 31478

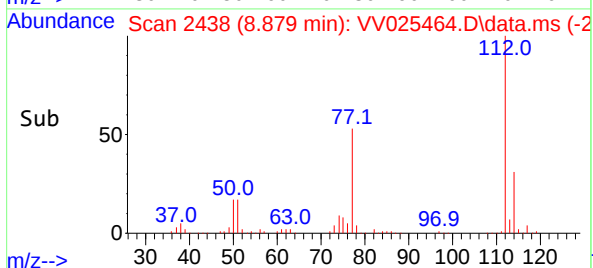
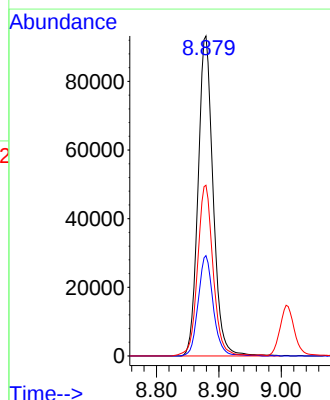
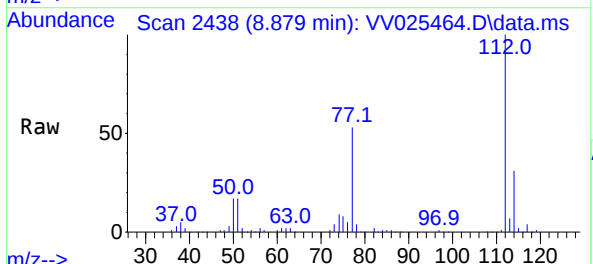
Ion	Ratio	Lower	Upper
107	100		
109	91.9	65.9	122.3
188	3.5	2.7	4.1

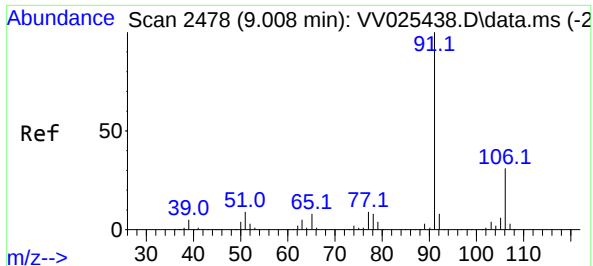


#51
Chlorobenzene
Concen: 5.188 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:112 Resp: 155702

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	53.3	43.7	65.5

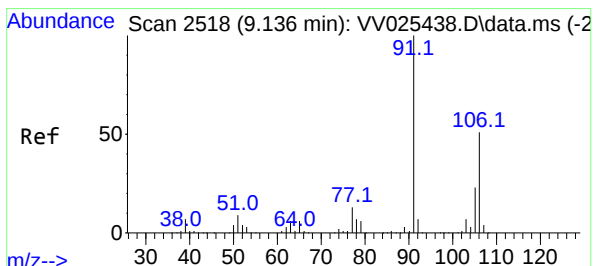
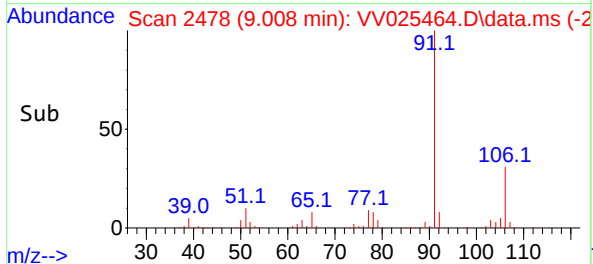
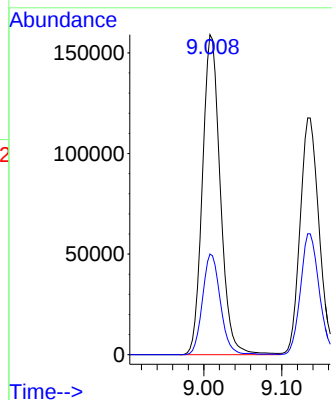
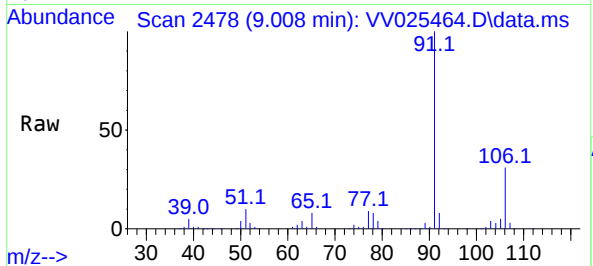




#52
Ethylbenzene
Concen: 5.050 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

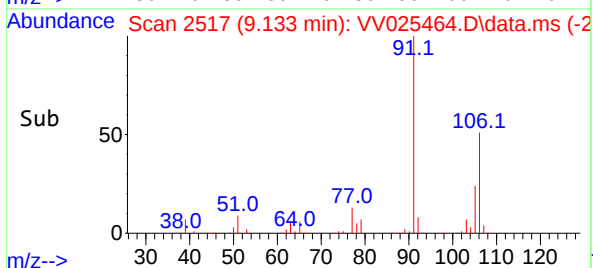
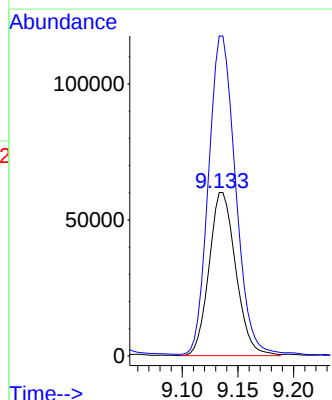
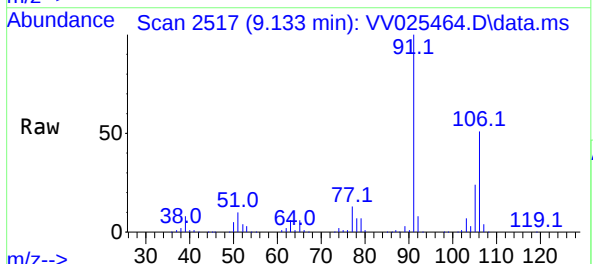
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

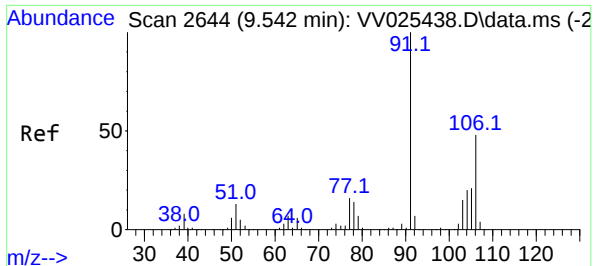
Tgt Ion: 91 Resp: 253158
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 5.248 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 106 Resp: 100029
Ion Ratio Lower Upper
106 100
91 195.7 136.4 253.4

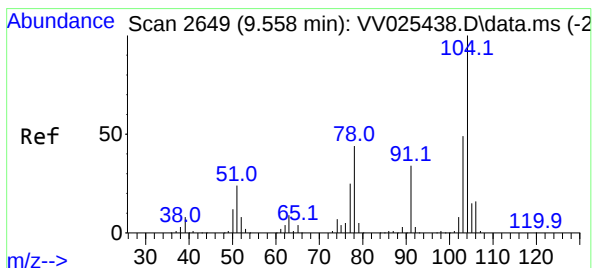
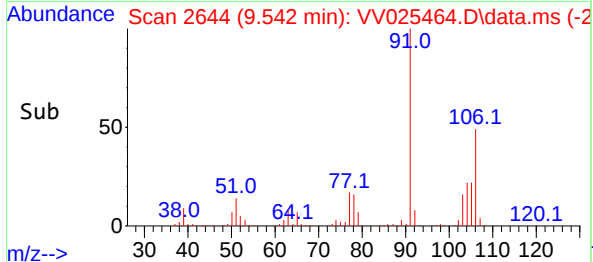
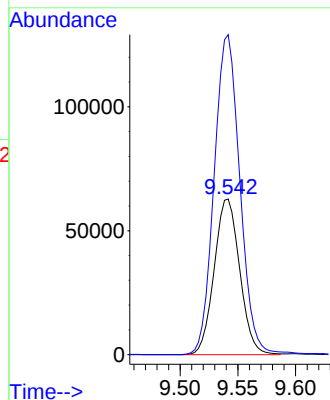
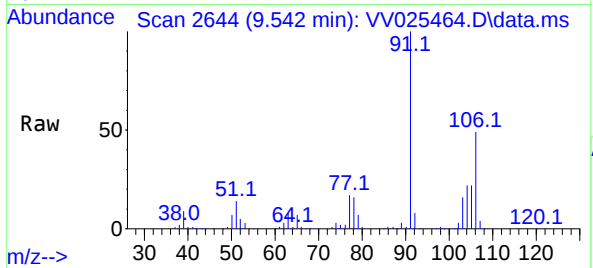




#54
o-Xylene
Concen: 5.212 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

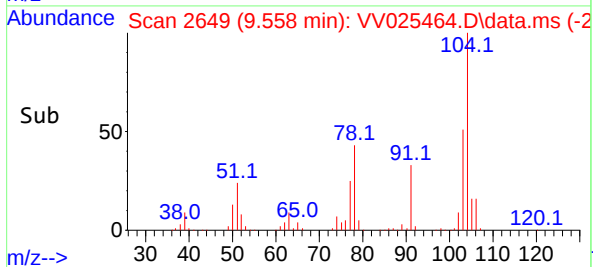
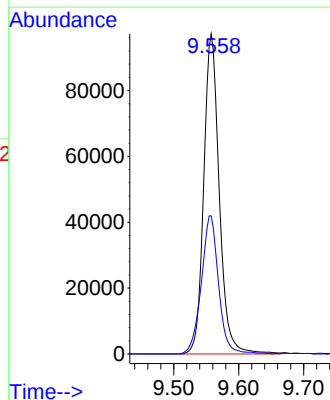
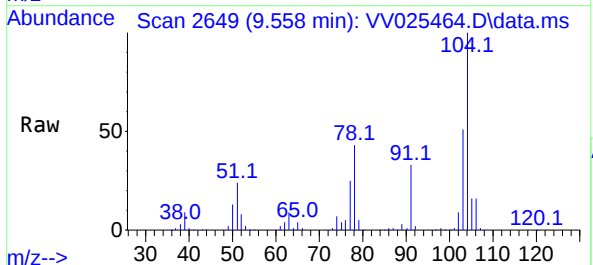
Instrument : MSVOA_V
ClientSampleId : VSTD005372

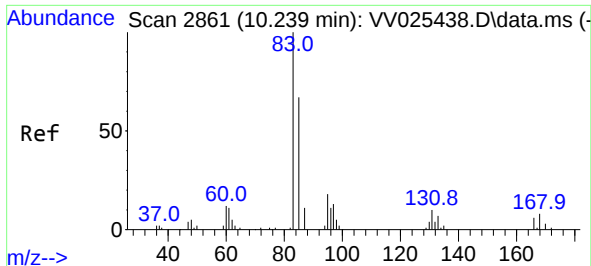
Tgt Ion:106 Resp: 96488
Ion Ratio Lower Upper
106 100
91 205.6 150.4 279.2



#55
Styrene
Concen: 5.386 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:104 Resp: 162134
Ion Ratio Lower Upper
104 100
78 43.1 28.3 52.7

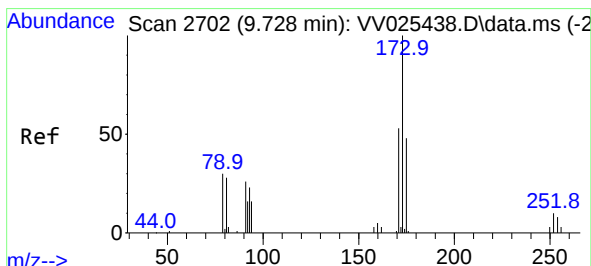
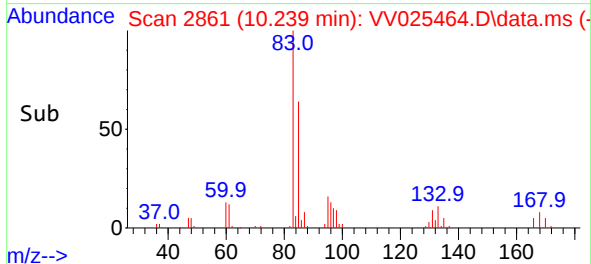
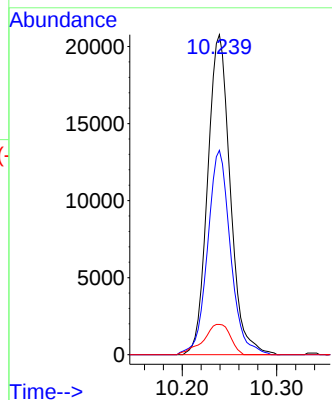
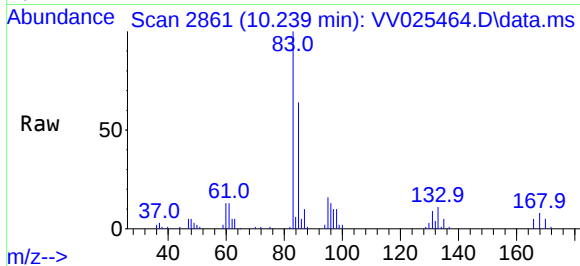




#57
1,1,2,2-Tetrachloroethane
Concen: 5.150 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

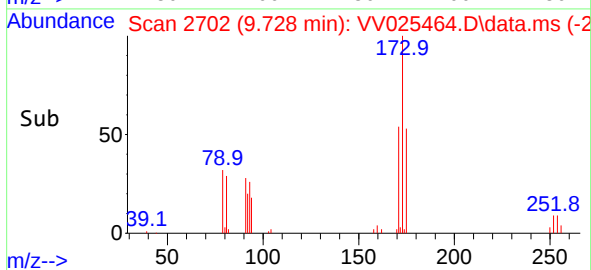
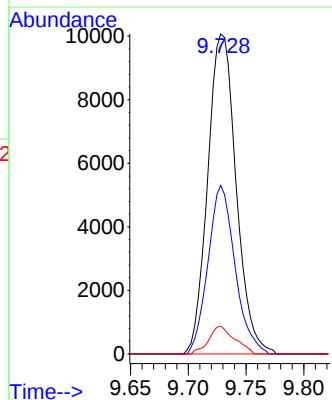
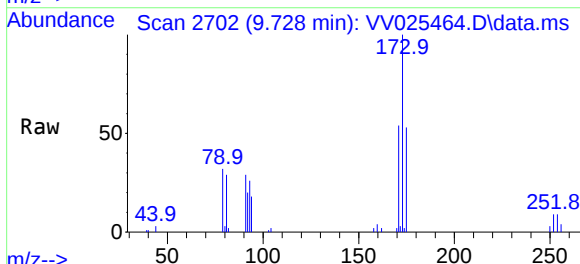
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

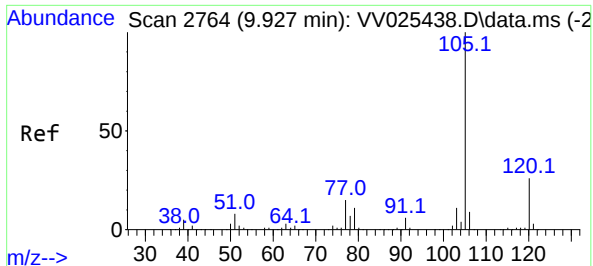
Tgt Ion:	83	Resp:	34447
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.9
131	9.5	7.9	11.9



#59
Bromoform
Concen: 5.201 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:	173	Resp:	17255
Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.8	61.2
254	7.9	7.0	10.6

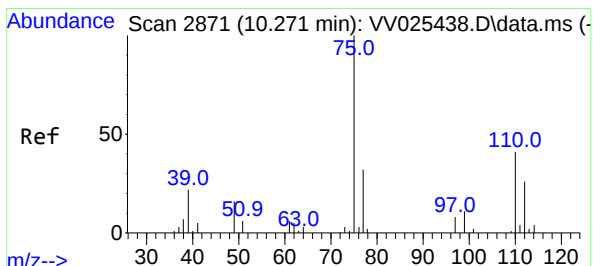
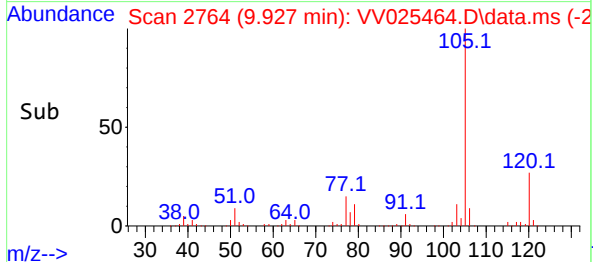
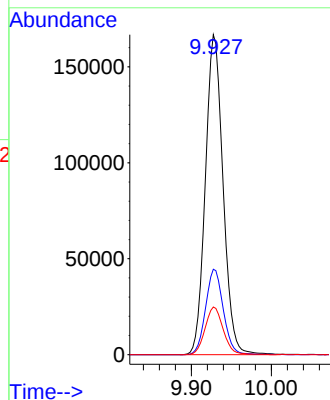
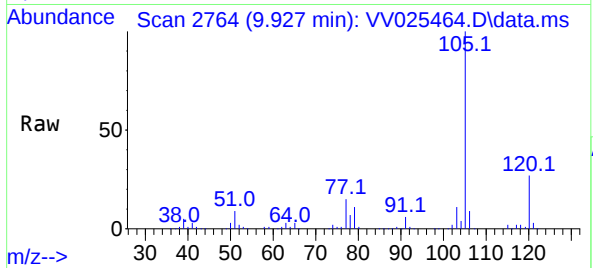




#60
Isopropylbenzene
Concen: 5.169 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

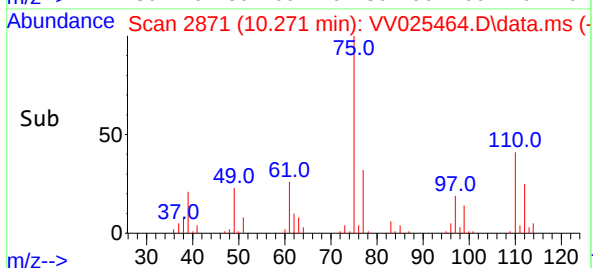
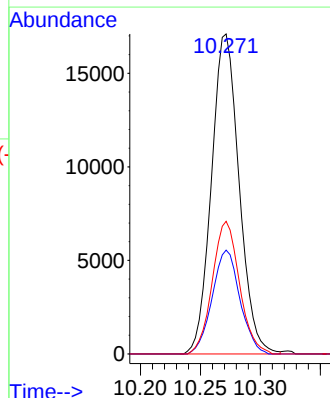
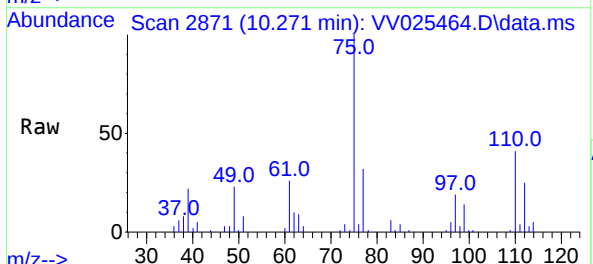
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

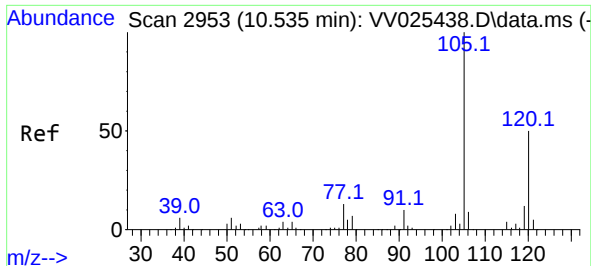
Tgt Ion:105 Resp: 257156
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion: 75 Resp: 27425
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 40.6 34.7 52.1

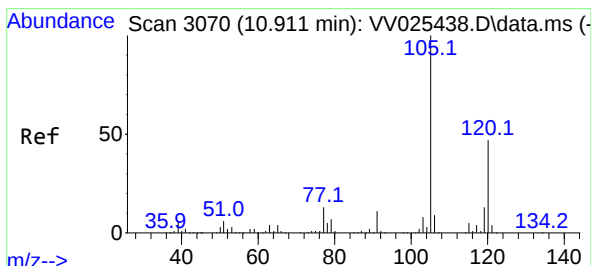
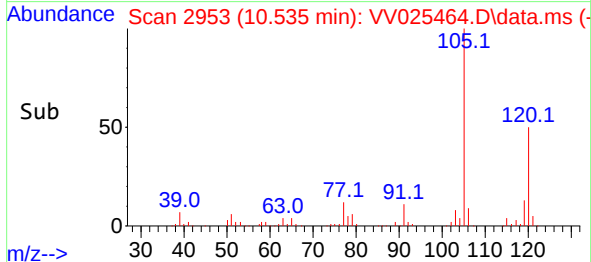
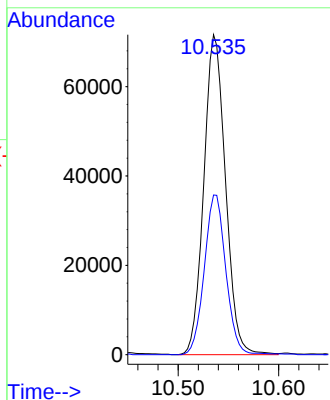
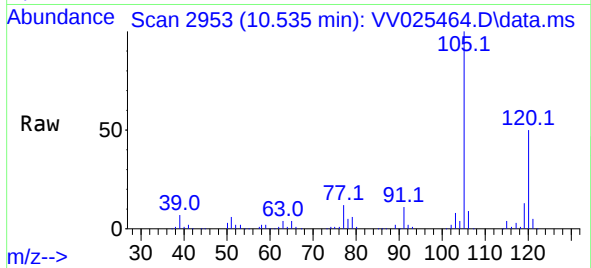




#62
1,3,5-Trimethylbenzene
Concen: 4.837 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

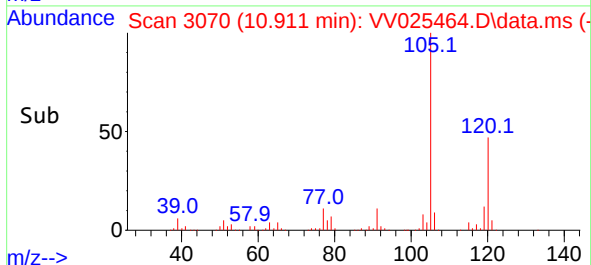
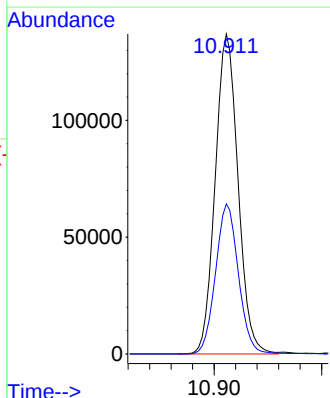
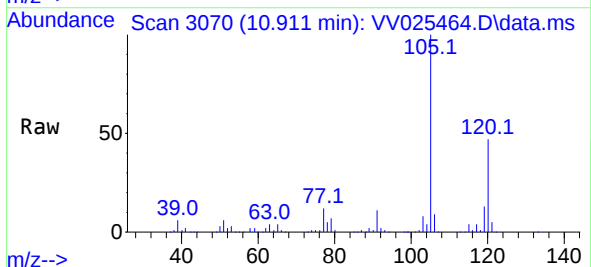
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

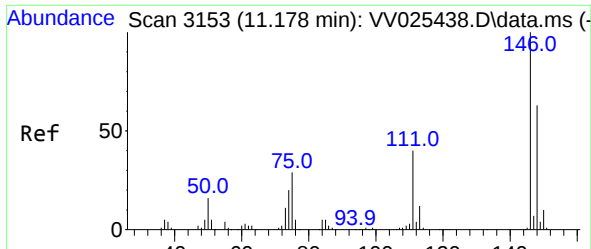
Tgt Ion:105 Resp: 107299
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.043 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:105 Resp: 201570
Ion Ratio Lower Upper
105 100
120 47.0 36.6 55.0

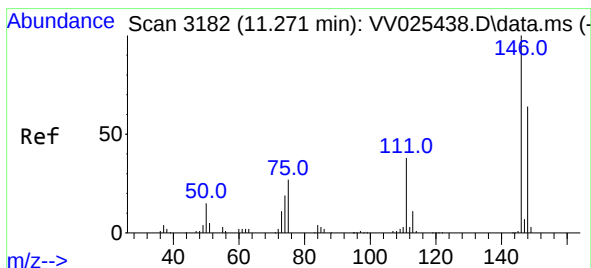
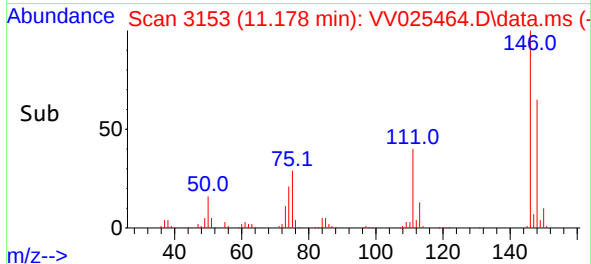
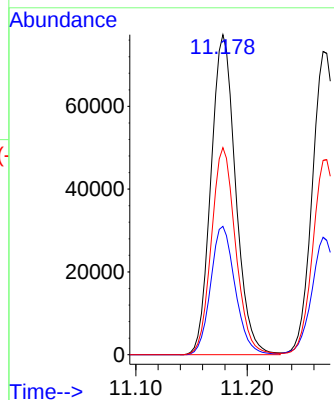
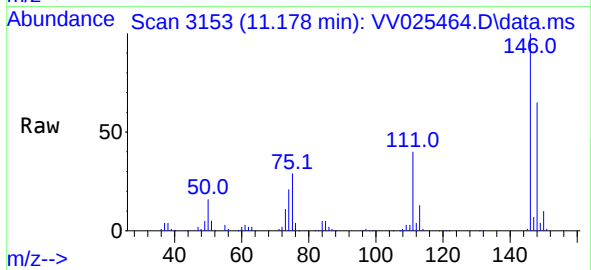




#64
1,3-Dichlorobenzene
Concen: 5.120 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

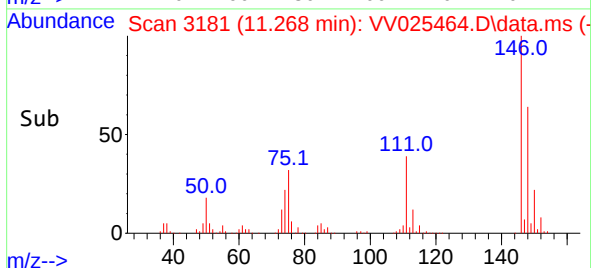
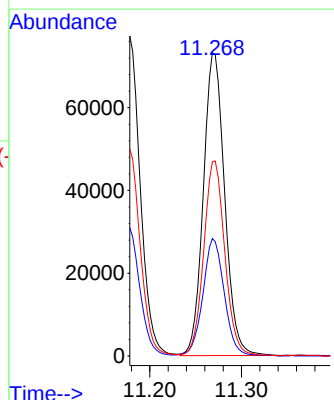
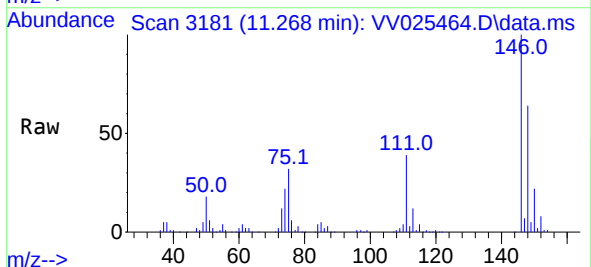
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

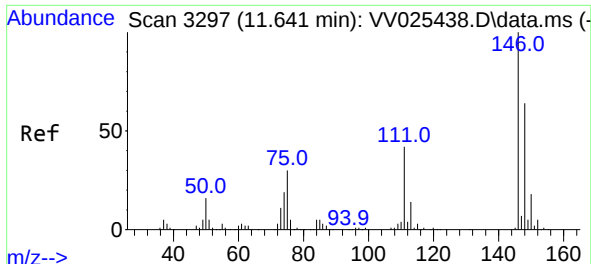
Tgt Ion:146 Resp: 118899
Ion Ratio Lower Upper
146 100
111 40.1 27.4 50.8
148 64.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.009 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:146 Resp: 118075
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 64.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 5.101 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

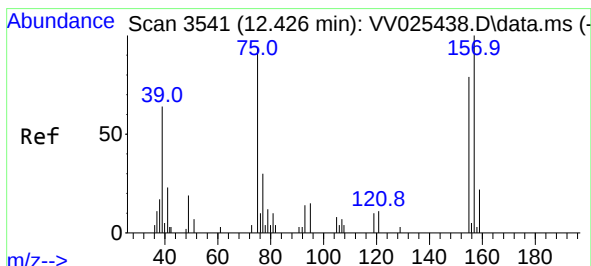
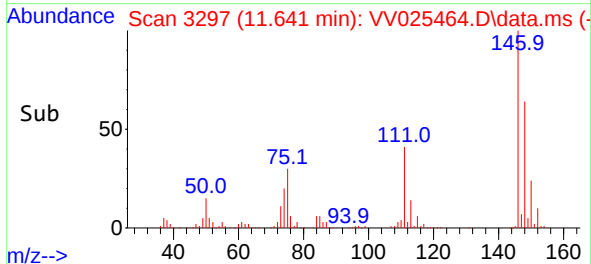
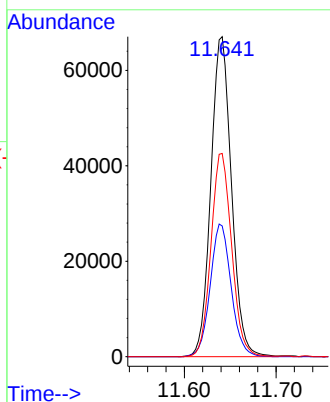
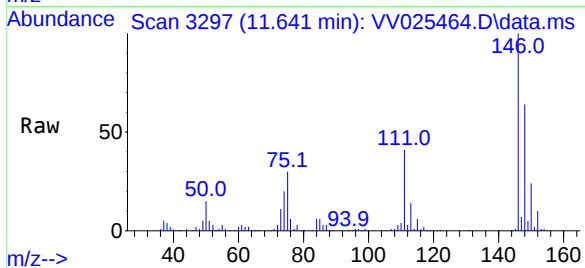
Tgt Ion:146 Resp: 104918

Ion Ratio Lower Upper

146 100

111 40.9 33.6 50.4

148 63.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.120 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

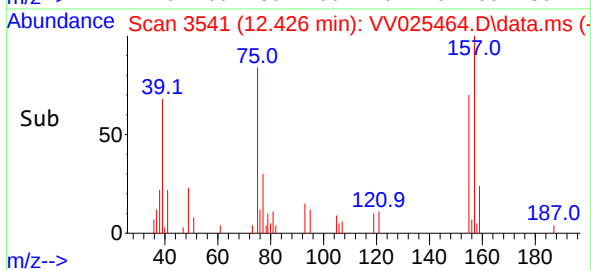
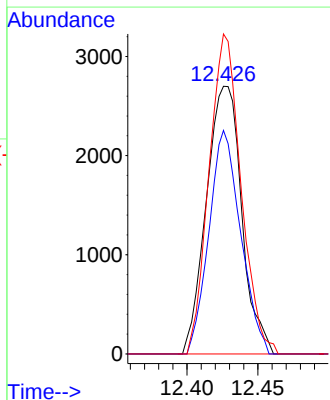
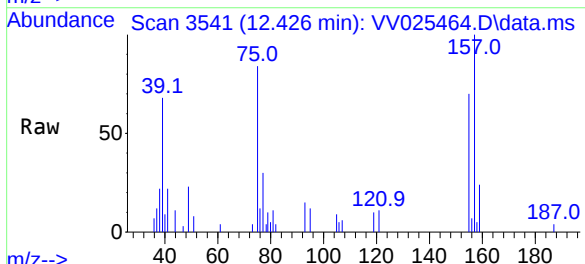
Tgt Ion: 75 Resp: 4686

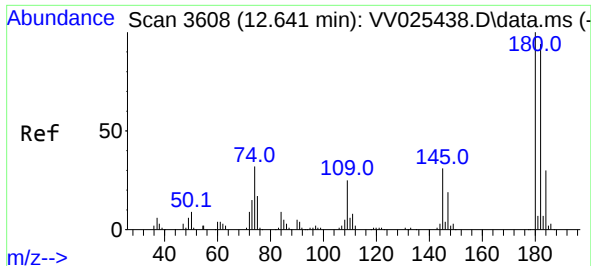
Ion Ratio Lower Upper

75 100

155 83.5 65.8 98.8

157 119.6 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.912 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

Tgt Ion:180 Resp: 86785

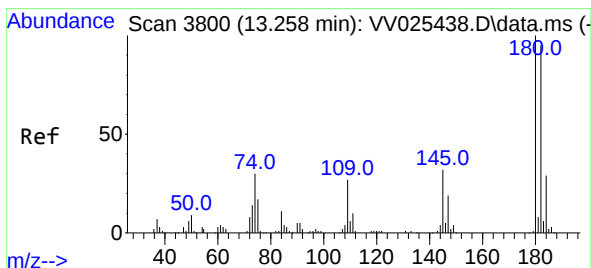
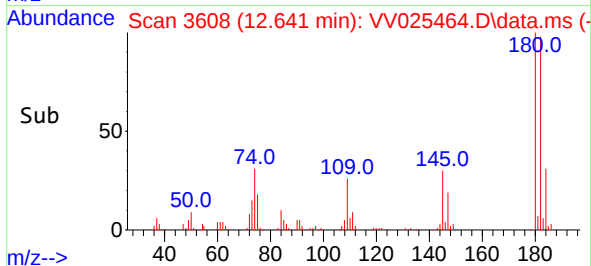
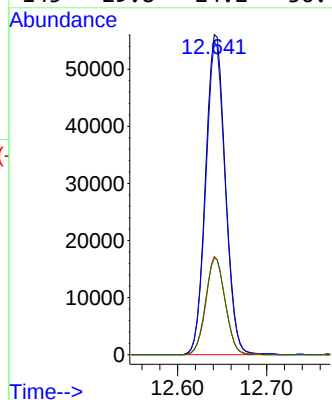
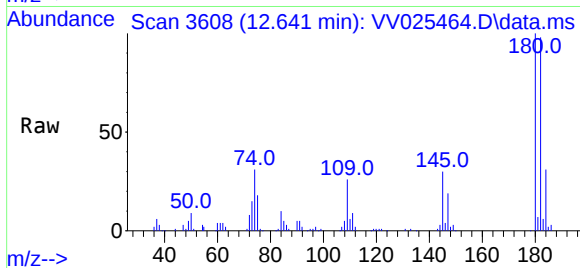
Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

184 29.6 23.4 35.2

145 29.8 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.667 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025464.D

Acq: 12 Apr 2022 09:44

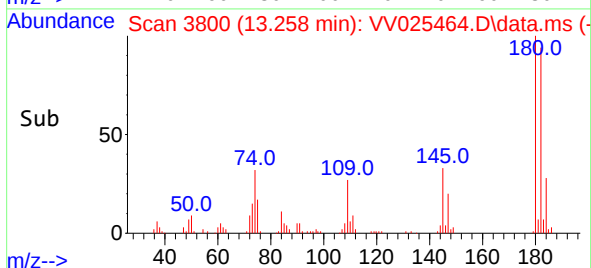
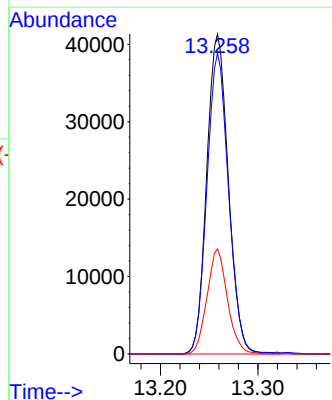
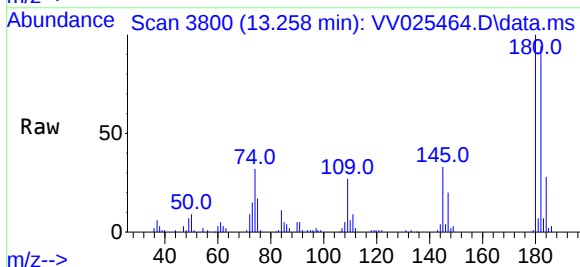
Tgt Ion:180 Resp: 63563

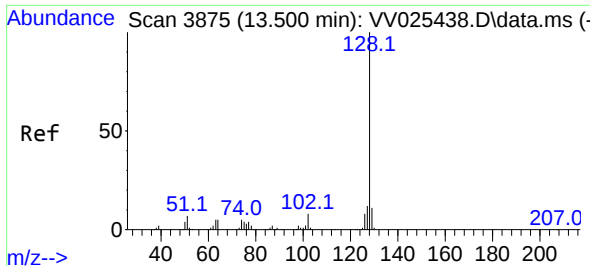
Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

145 31.1 24.6 36.8

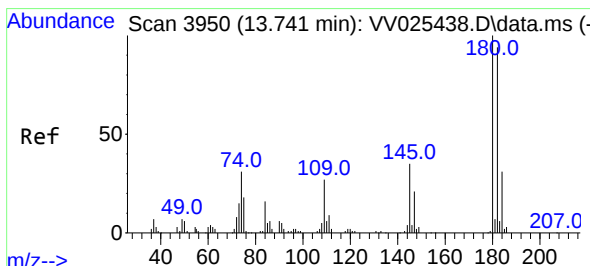
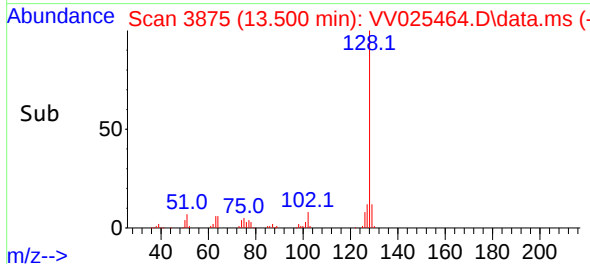
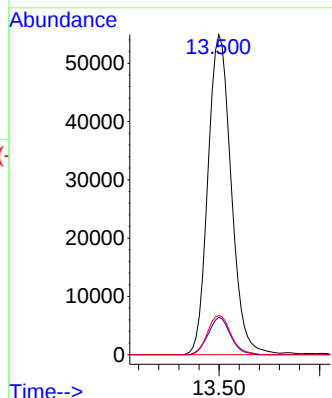
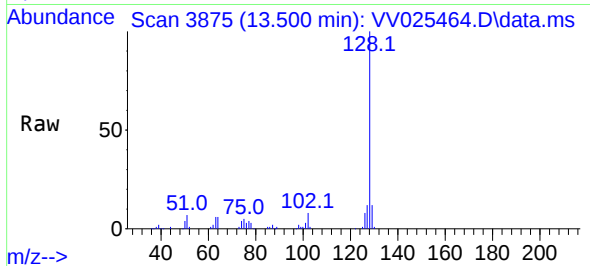




#71
Naphthalene
Concen: 4.412 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion:	128	Resp:	88165
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	12.4	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.803 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025464.D
Acq: 12 Apr 2022 09:44

Tgt Ion:	180	Resp:	54172
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.7	116.5
145	33.1	27.4	41.2

