

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024510.D
 Acq On : 29 Jan 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jan 29 03:56:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38747	4.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.568	69	42666	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.111	63	87047	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.912	46	74709	51.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.080%
24) Chloroform-d	4.352	84	95805	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.037	65	45820	5.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.053	84	160593	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	56476	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	141364	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	17466	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.092	63	73340	58.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38480	6.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	51178	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	49128	4.196	ug/L	99
3) Chloromethane	1.240	50	47288	4.445	ug/L	98
5) Vinyl chloride	1.310	62	48121	4.509	ug/L	98
6) Bromomethane	1.523	94	28837	4.315	ug/L	95
8) Chloroethane	1.587	64	30400	4.844	ug/L	95
9) Trichlorofluoromethane	1.754	101	68666	4.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	37168	4.517	ug/L	92
12) 1,1-Dichloroethene	2.121	96	35121	4.502	ug/L #	77
13) Acetone	2.198	43	20874	27.621	ug/L	82
14) Carbon disulfide	2.298	76	96409	4.020	ug/L	99
15) Methyl Acetate	2.445	43	9314	4.563	ug/L	100
16) Methylene chloride	2.510	84	34499	4.320	ug/L	86
17) Methyl tert-butyl Ether	2.770	73	55909	3.982	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	31290	4.179	ug/L	86
19) 1,1-Dichloroethane	3.191	63	63093	4.520	ug/L	98
21) 2-Butanone	4.005	43	33538	24.559	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	29644	3.942	ug/L	86
23) Bromochloromethane	4.256	128	14029	4.158	ug/L #	78
25) Chloroform	4.381	83	64853	4.091	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024510.D
 Acq On : 29 Jan 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jan 29 03:56:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

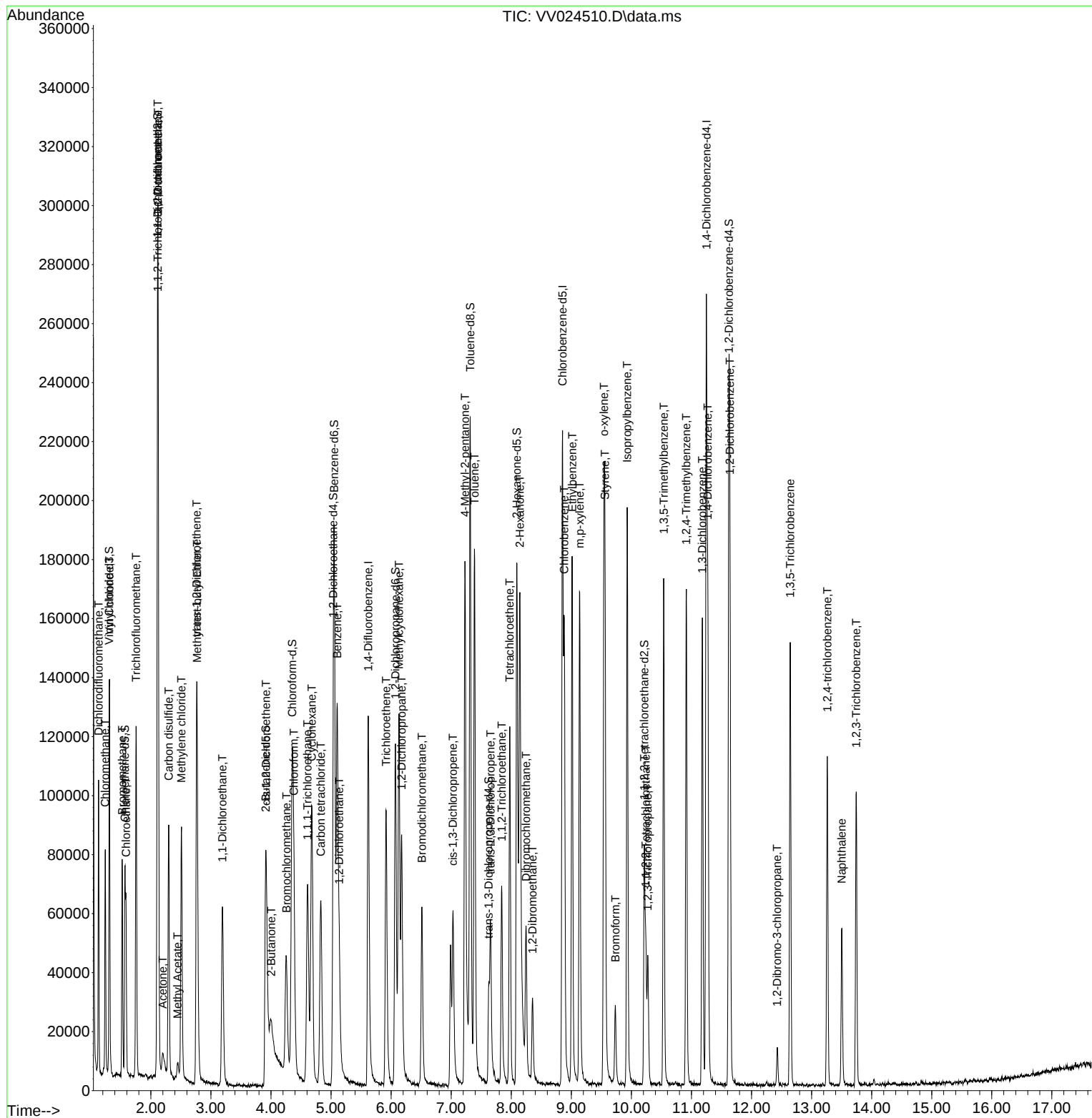
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	35318	4.675	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	54414	4.162	ug/L	96
30) Cyclohexane	4.677	56	45232	3.665	ug/L	90
31) Carbon tetrachloride	4.828	117	47195	4.011	ug/L	99
33) Benzene	5.101	78	124027	4.111	ug/L	100
34) Trichloroethene	5.918	95	33084	3.879	ug/L	92
35) Methylcyclohexane	6.130	83	42934	3.413	ug/L	89
37) 1,2-Dichloropropane	6.175	63	32034	4.322	ug/L #	96
38) Bromodichloromethane	6.513	83	42497	4.235	ug/L #	96
39) cis-1,3-Dichloropropene	7.031	75	38342	3.839	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	149731	43.336	ug/L #	90
42) Toluene	7.387	91	131888	4.127	ug/L	94
44) trans-1,3-Dichloropropene	7.654	75	34035	4.091	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	21325	4.255	ug/L	98
47) Tetrachloroethene	7.976	164	26569	3.955	ug/L	96
48) 2-Hexanone	8.143	43	121167	47.697	ug/L #	95
49) Dibromochloromethane	8.246	129	24479	3.924	ug/L	99
50) 1,2-Dibromoethane	8.355	107	19559	4.163	ug/L	95
51) Chlorobenzene	8.883	112	78317	3.796	ug/L	93
52) Ethylbenzene	9.014	91	119669	3.562	ug/L	98
53) m,p-xylene	9.140	106	45595	3.616	ug/L	98
54) o-xylene	9.545	106	43207	3.636	ug/L	98
55) Styrene	9.561	104	71220	3.585	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	21659	4.413	ug/L	97
59) Bromoform	9.735	173	12000	3.780	ug/L	99
60) Isopropylbenzene	9.931	105	117484	3.821	ug/L	97
61) 1,2,3-Trichloropropane	10.272	75	17410	4.450	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	86010	3.474	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	86781	3.416	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	60665	3.903	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	60076	3.797	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	54385	3.812	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3091	4.062	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.644	180	44714	3.530	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	32441	3.362	ug/L	96
71) Naphthalene	13.503	128	41339	3.397	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	29335	3.564	ug/L	97

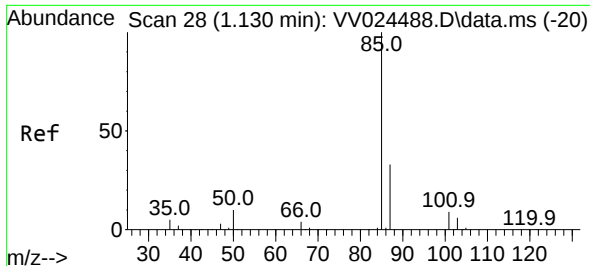
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
 Data File : VV024510.D
 Acq On : 29 Jan 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jan 29 03:56:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

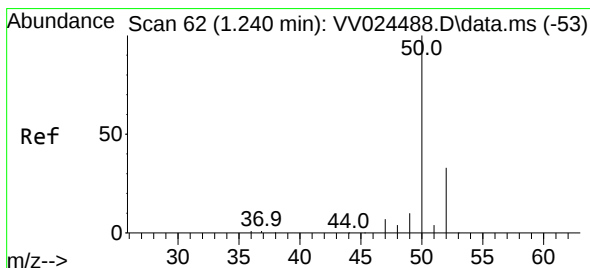
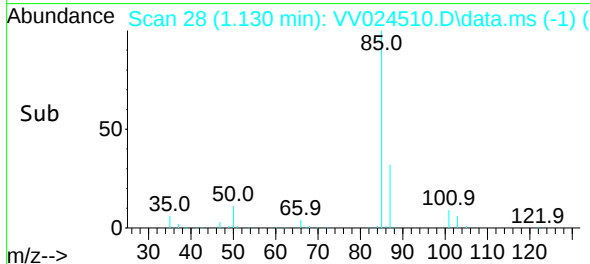
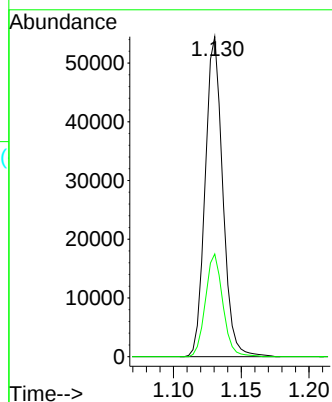
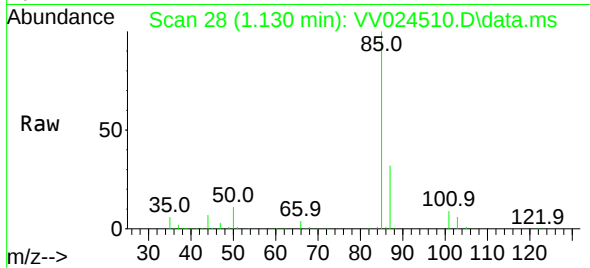




#2
 Dichlorodifluoromethane
 Concen: 4.196 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

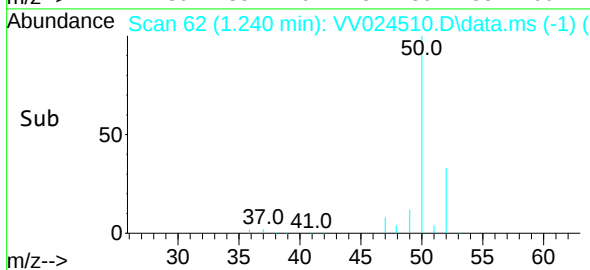
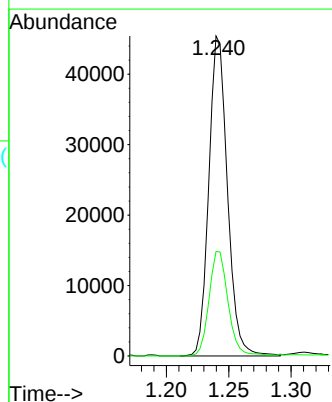
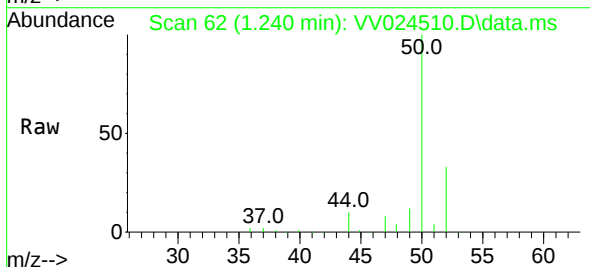
Instrument : MSVOA_V
 ClientSampleId : VSTD005302

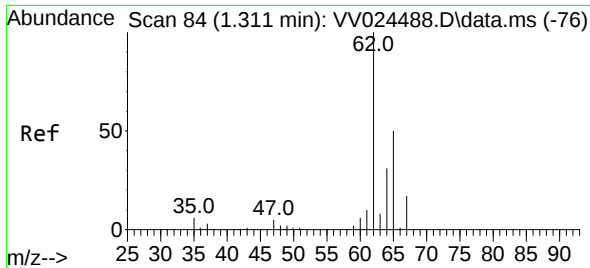
Tgt Ion: 85 Resp: 49128
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.445 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion: 50 Resp: 47288
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

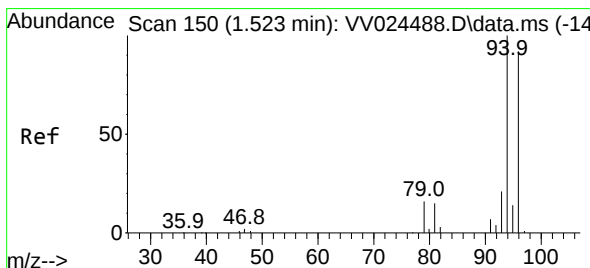
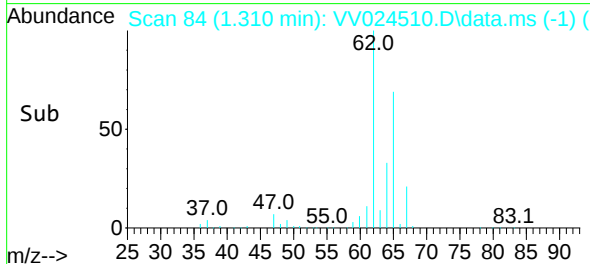
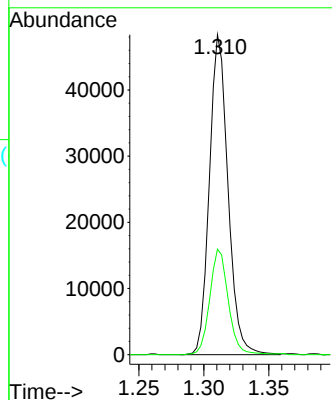
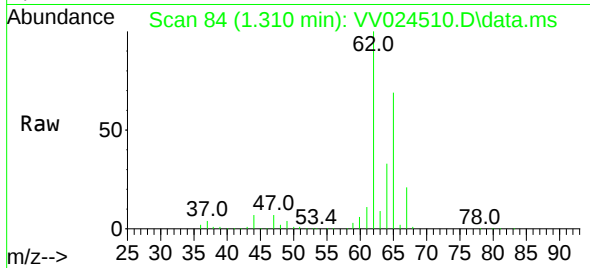




#5
 Vinyl chloride
 Concen: 4.509 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

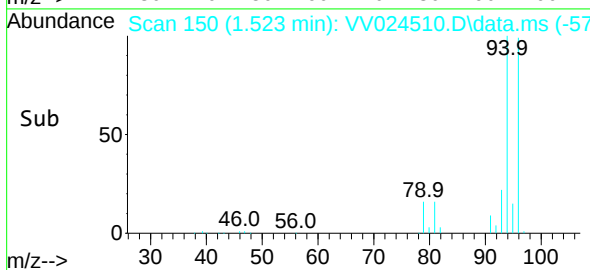
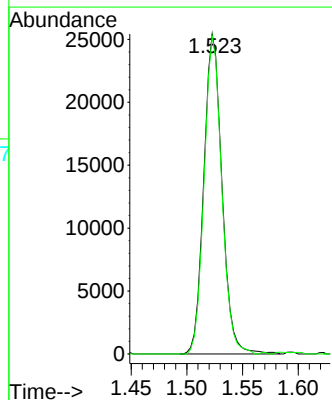
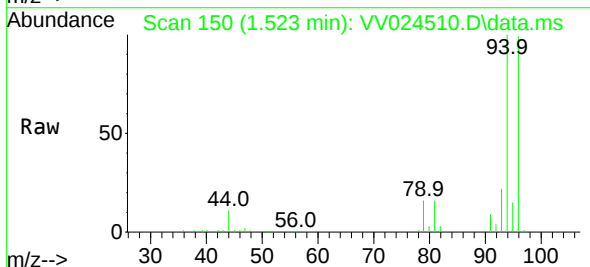
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

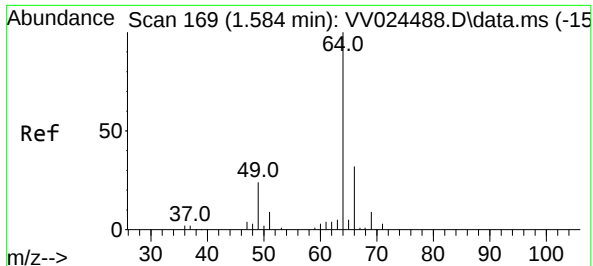
Tgt Ion: 62 Resp: 48121
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.315 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion: 94 Resp: 28837
 Ion Ratio Lower Upper
 94 100
 96 99.3 66.2 123.0

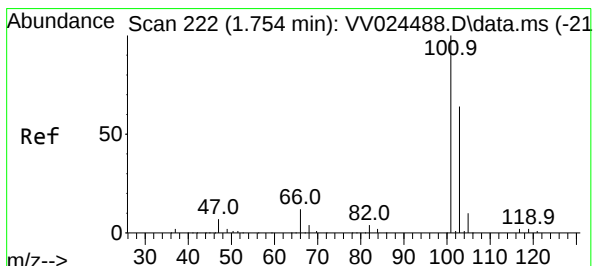
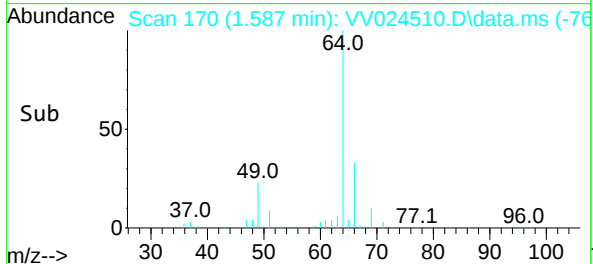
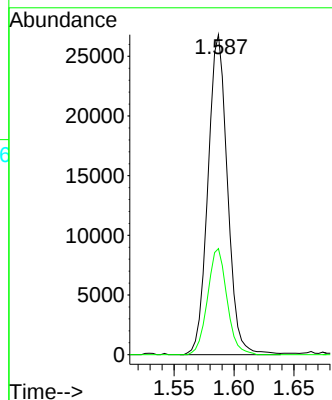
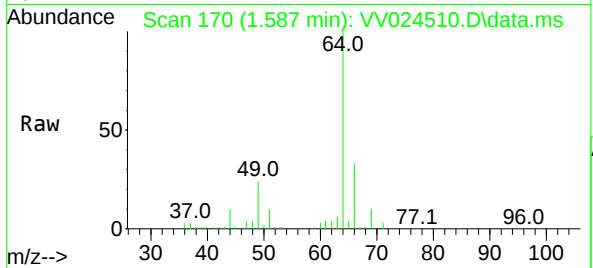




#8
Chloroethane
Concen: 4.844 ug/L
RT: 1.587 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

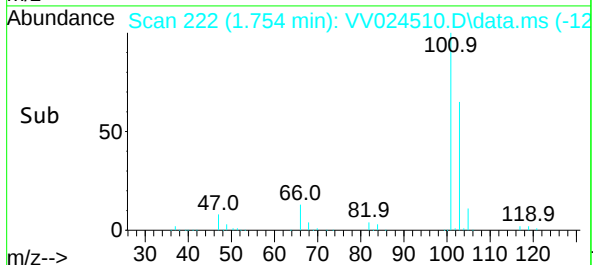
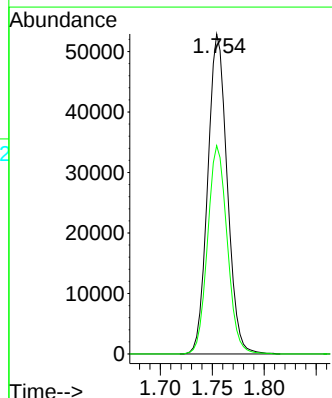
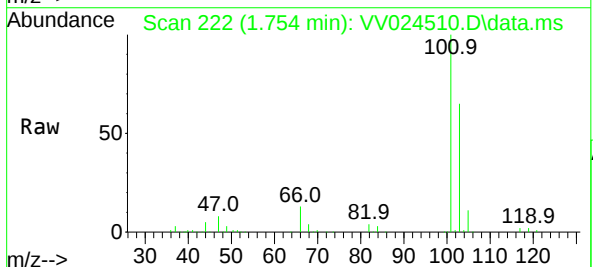
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

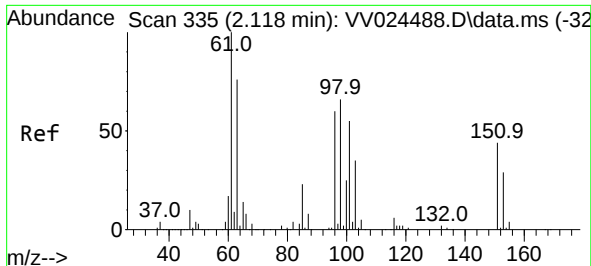
Tgt Ion: 64 Resp: 30400
Ion Ratio Lower Upper
64 100
66 33.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.544 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 101 Resp: 68666
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.517 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

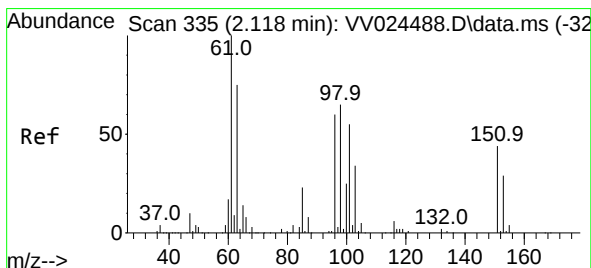
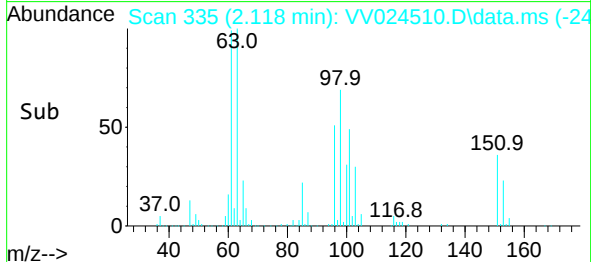
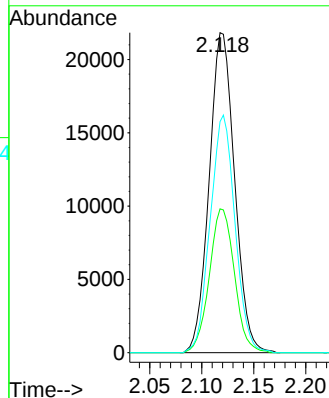
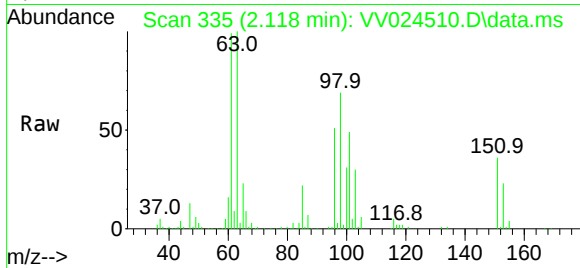
Tgt Ion:101 Resp: 37168

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

151 72.6 66.4 99.6



#12

1,1-Dichloroethene

Concen: 4.502 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

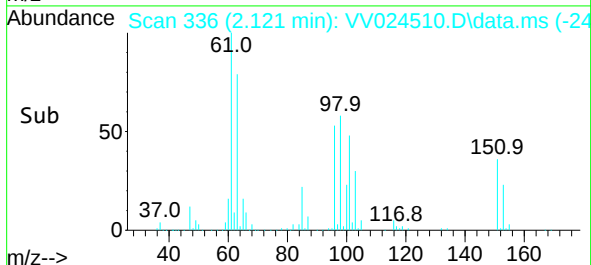
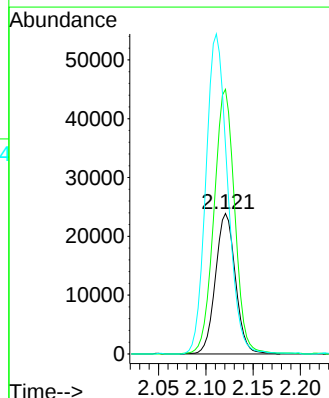
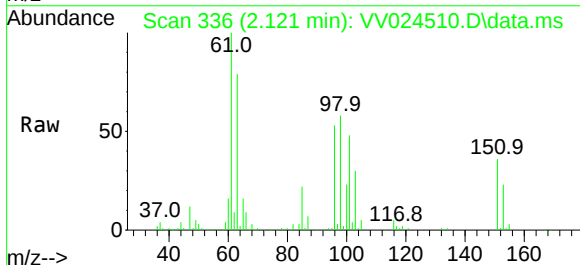
Tgt Ion: 96 Resp: 35121

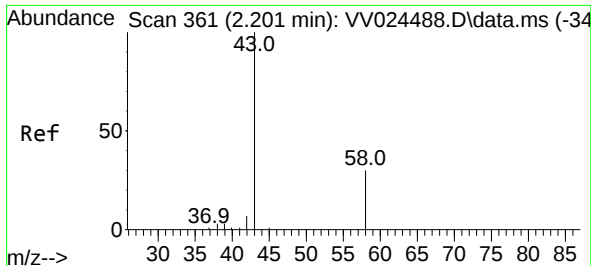
Ion Ratio Lower Upper

96 100

61 188.2 116.1 215.5

63 148.6 79.4 147.4#





#13

Acetone

Concen: 27.621 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

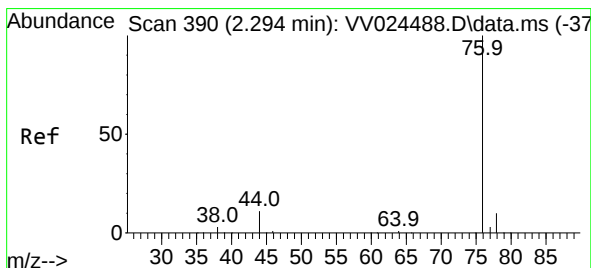
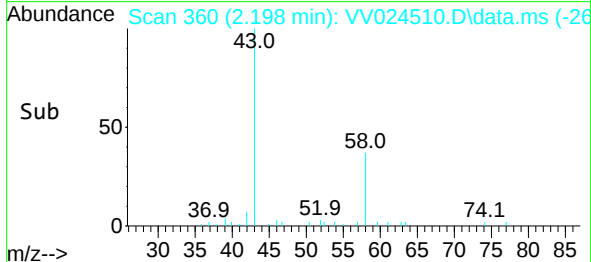
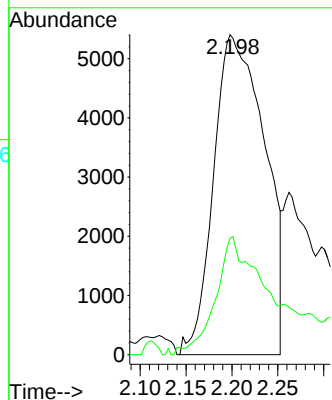
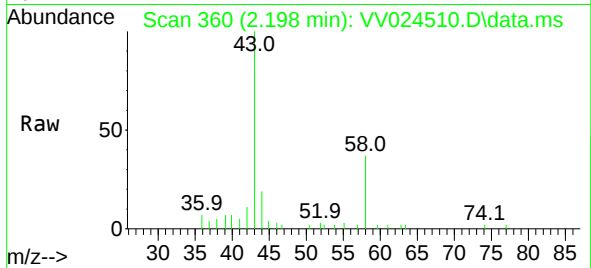
VSTD005302

Tgt Ion: 43 Resp: 20874

Ion Ratio Lower Upper

43 100

58 29.1 0.0 41.4



#14

Carbon disulfide

Concen: 4.020 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024510.D

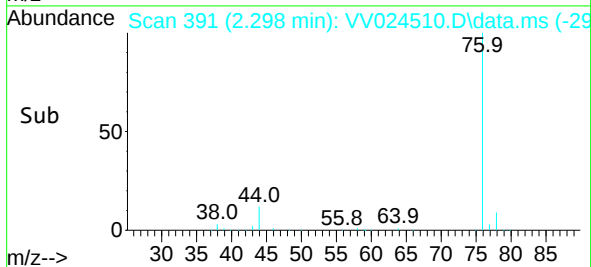
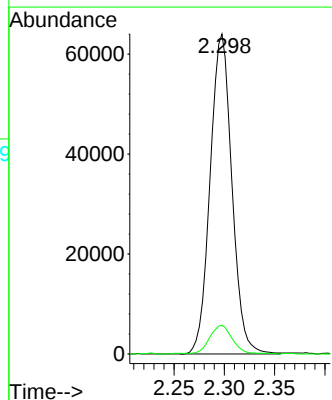
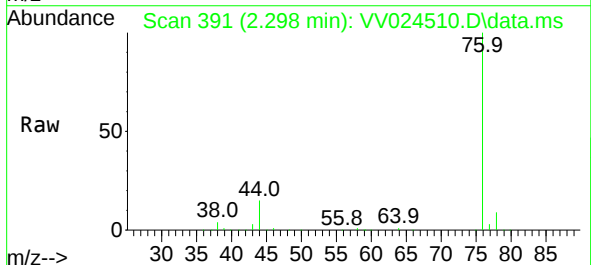
Acq: 29 Jan 2022 00:37

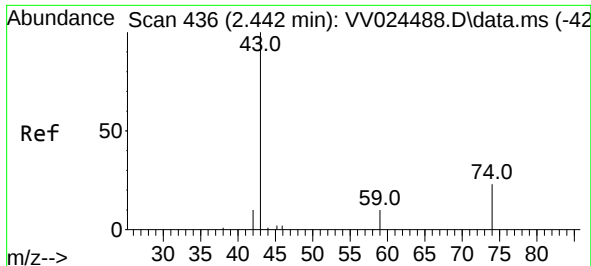
Tgt Ion: 76 Resp: 96409

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.563 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

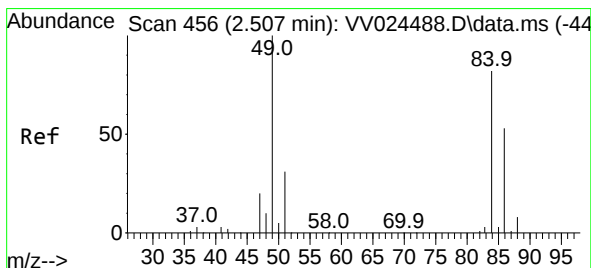
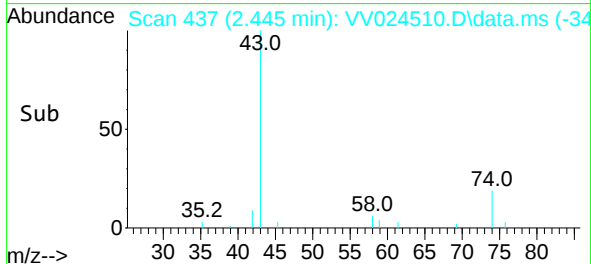
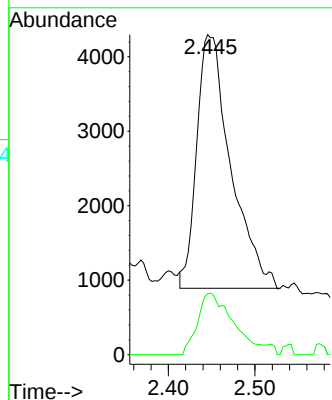
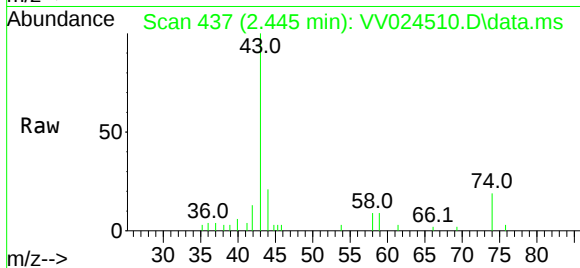
VSTD005302

Tgt Ion: 43 Resp: 9314

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.2



#16

Methylene chloride

Concen: 4.320 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

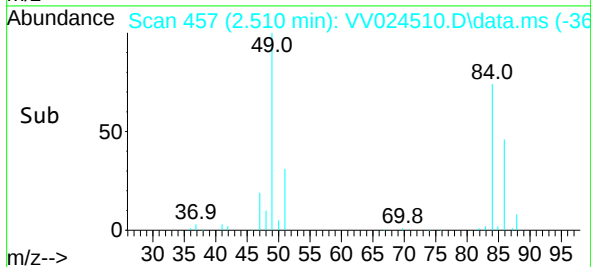
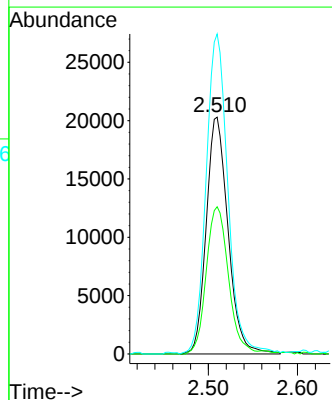
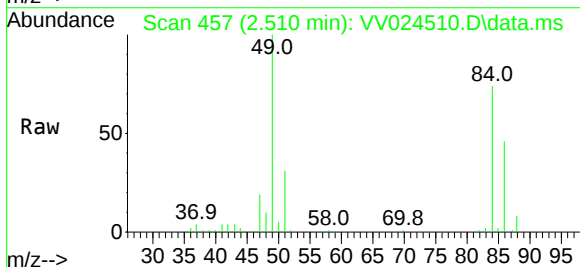
Tgt Ion: 84 Resp: 34499

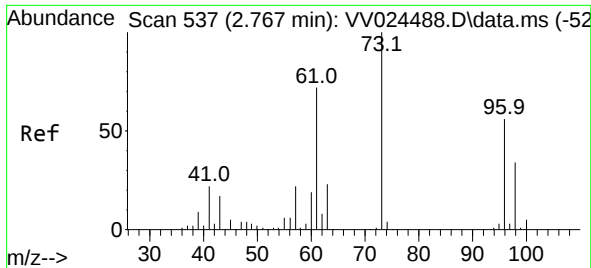
Ion Ratio Lower Upper

84 100

86 62.2 42.6 79.0

49 135.2 79.7 147.9

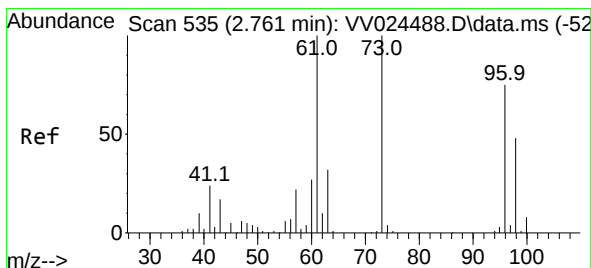
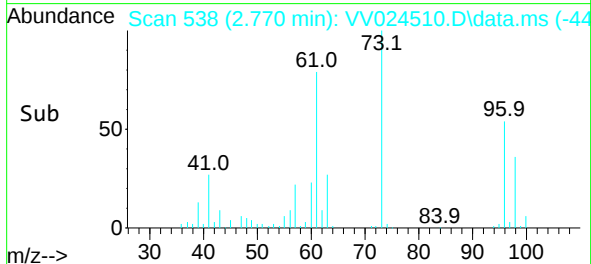
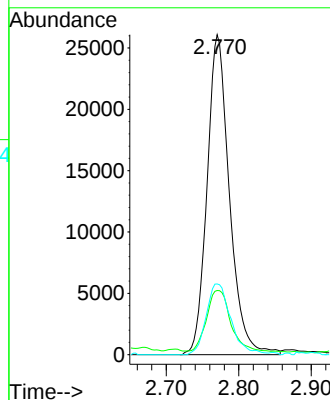
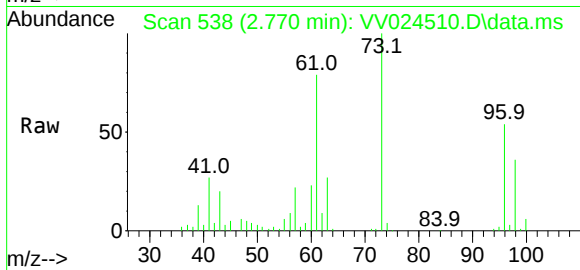




#17
Methyl tert-butyl Ether
Concen: 3.982 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

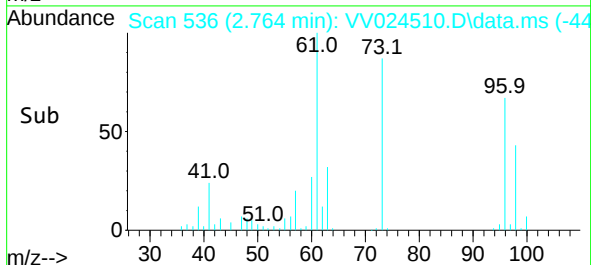
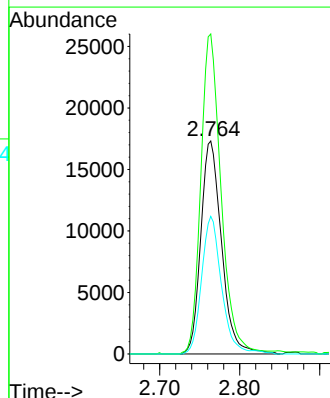
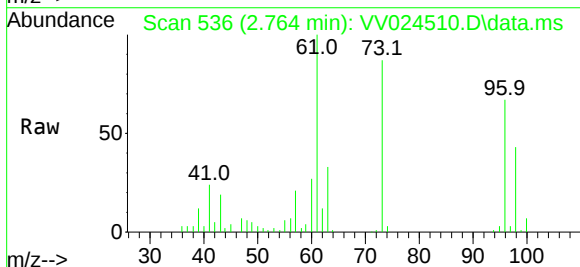
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

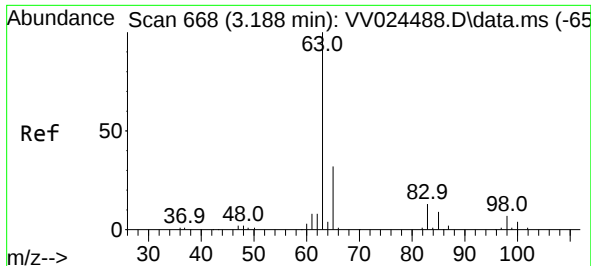
Tgt Ion: 73 Resp: 55909
Ion Ratio Lower Upper
73 100
43 20.9 15.5 23.3
57 24.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.179 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 96 Resp: 31290
Ion Ratio Lower Upper
96 100
61 150.3 88.2 163.8
98 64.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.520 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

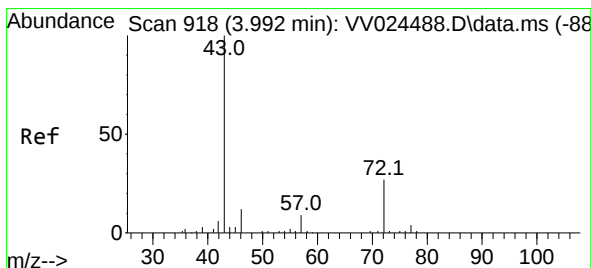
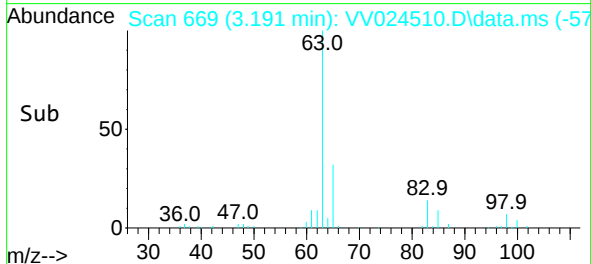
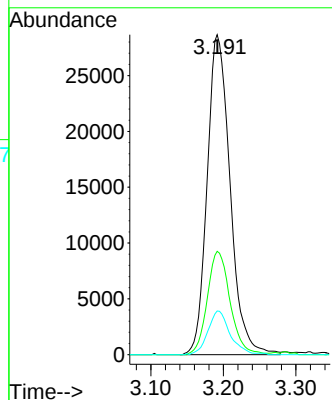
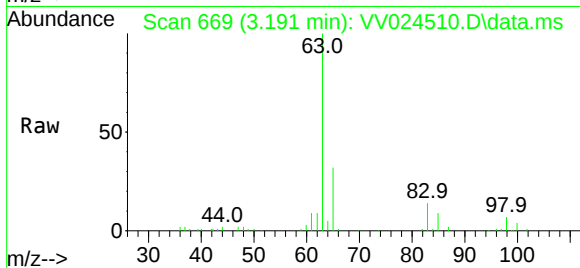
Tgt Ion: 63 Resp: 63093

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.6 10.7 19.9



#21

2-Butanone

Concen: 24.559 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.013 min

Lab File: VV024510.D

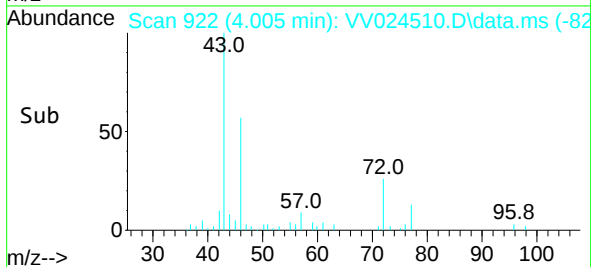
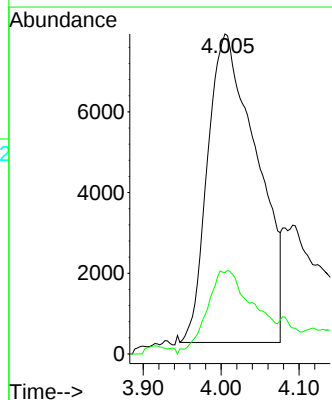
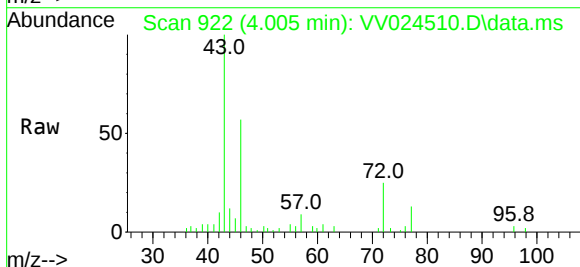
Acq: 29 Jan 2022 00:37

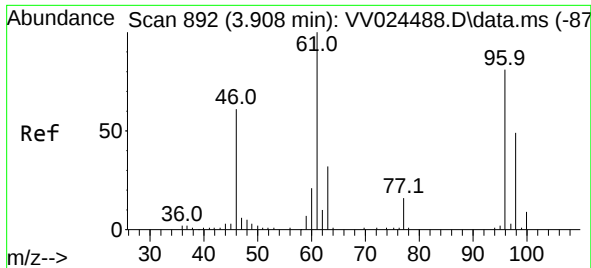
Tgt Ion: 43 Resp: 33538

Ion Ratio Lower Upper

43 100

72 26.3 11.1 33.1

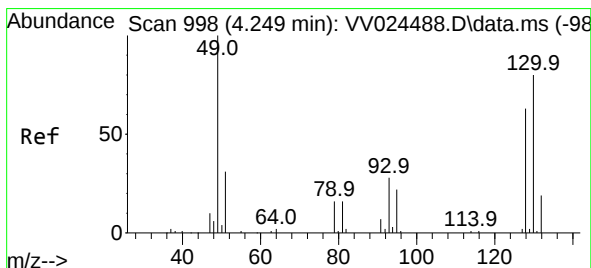
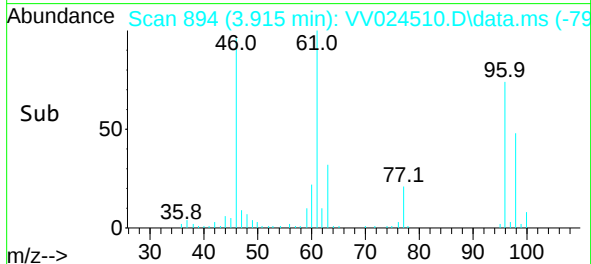
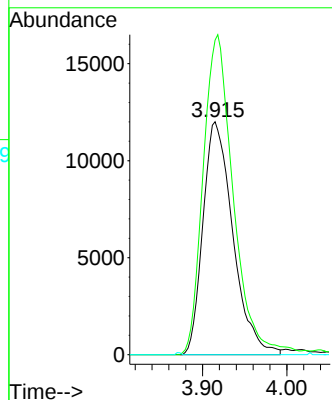
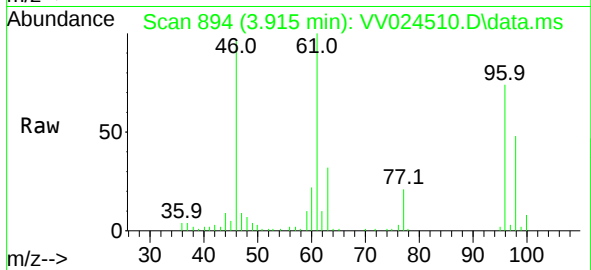




#22
 cis-1,2-Dichloroethene
 Concen: 3.942 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

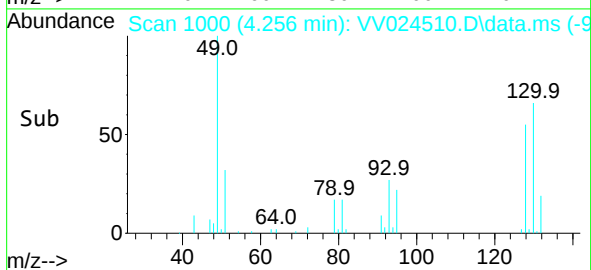
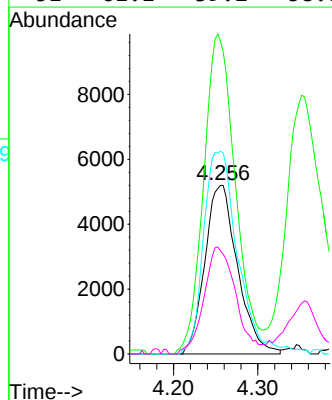
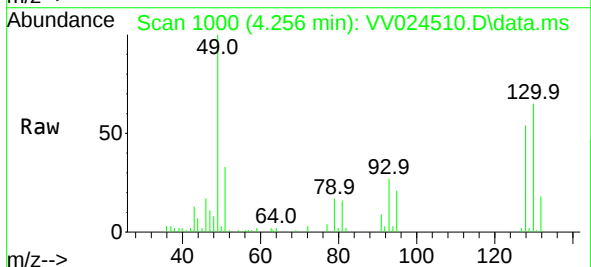
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

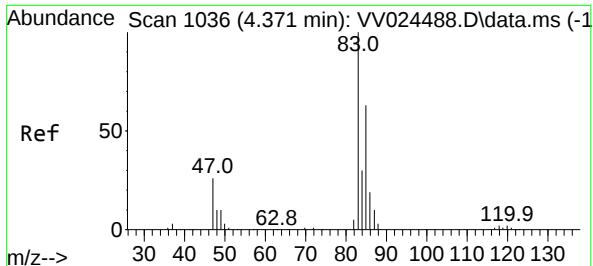
Tgt Ion: 96 Resp: 29644
 Ion Ratio Lower Upper
 96 100
 61 135.0 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.158 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion: 128 Resp: 14029
 Ion Ratio Lower Upper
 128 100
 49 185.3 100.2 186.2
 130 120.1 92.5 171.7
 51 61.1 39.2 58.8#

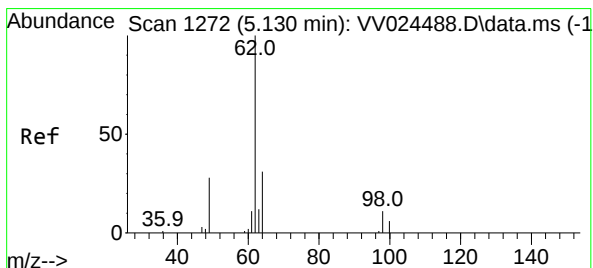
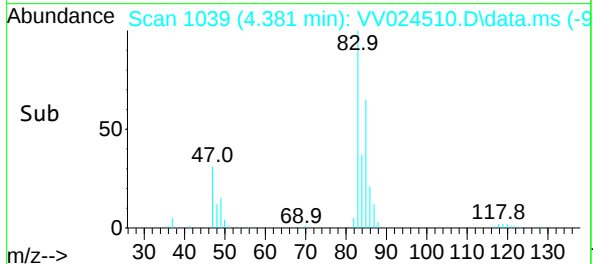
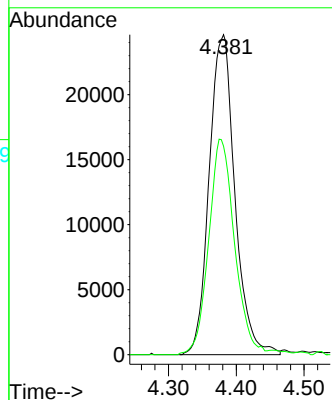
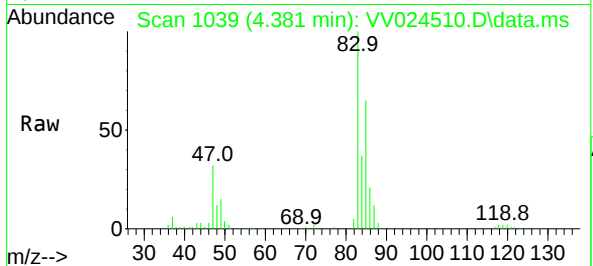




#25
Chloroform
Concen: 4.091 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

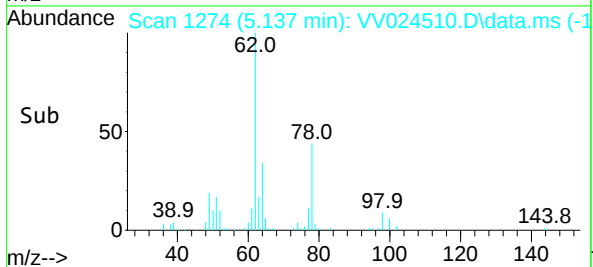
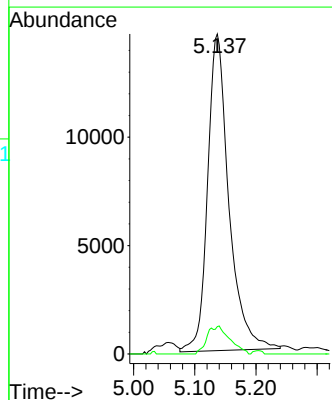
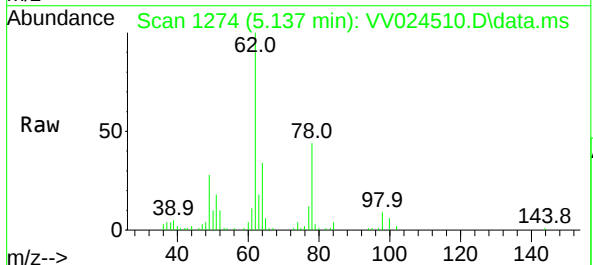
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

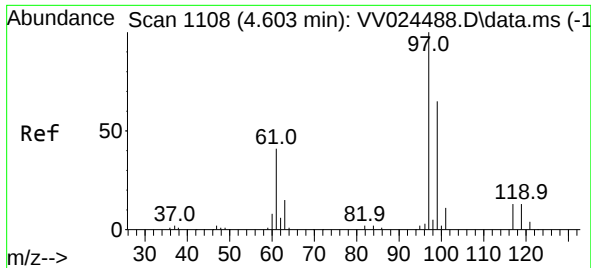
Tgt Ion: 83 Resp: 64853
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.675 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 62 Resp: 35318
Ion Ratio Lower Upper
62 100
98 8.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.162 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

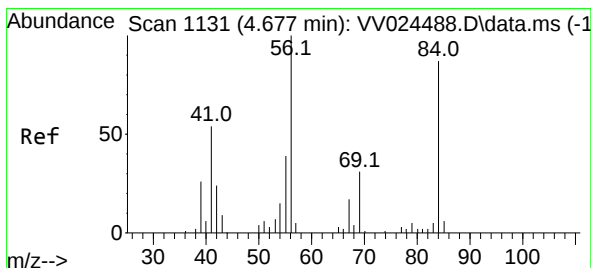
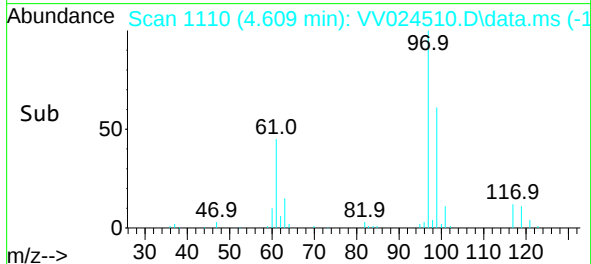
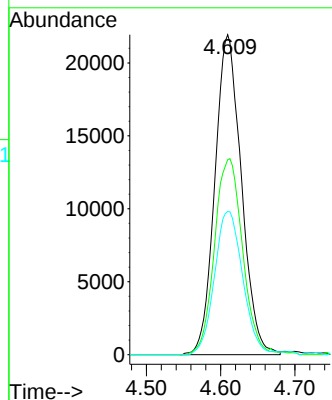
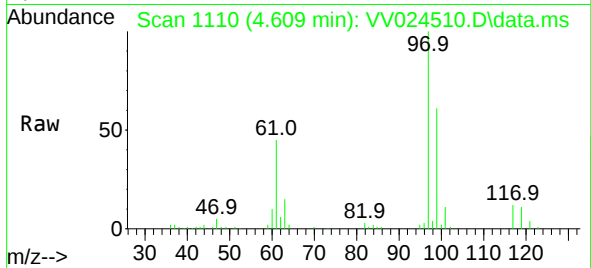
Tgt Ion: 97 Resp: 54414

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 47.4 33.2 49.8



#30

Cyclohexane

Concen: 3.665 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

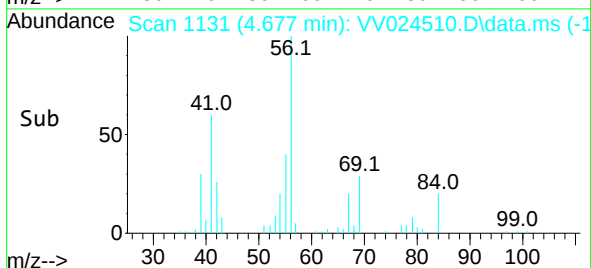
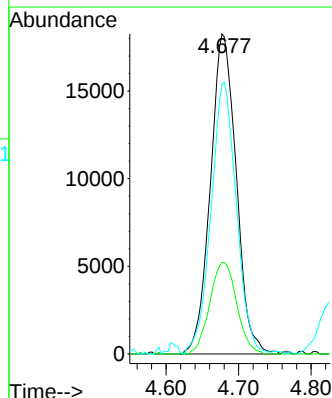
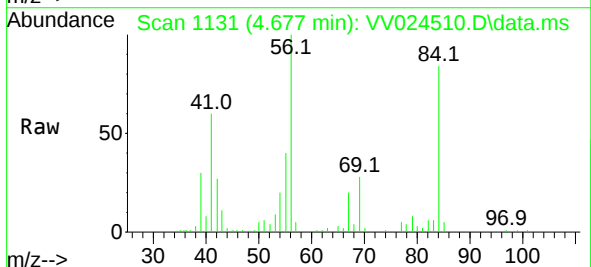
Tgt Ion: 56 Resp: 45232

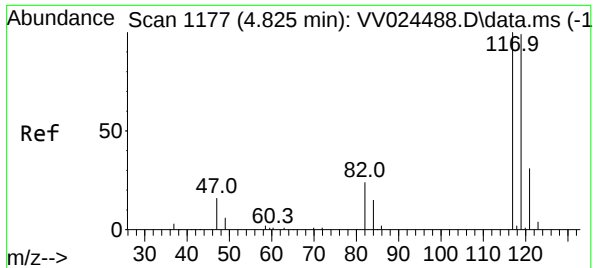
Ion Ratio Lower Upper

56 100

69 29.8 24.8 37.2

84 83.3 75.9 113.9

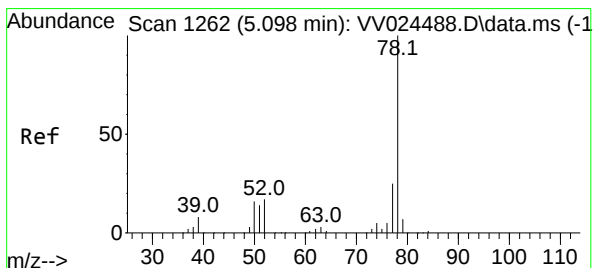
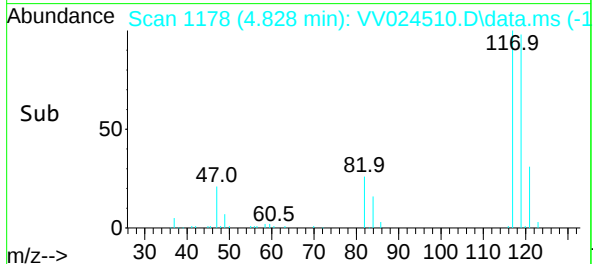
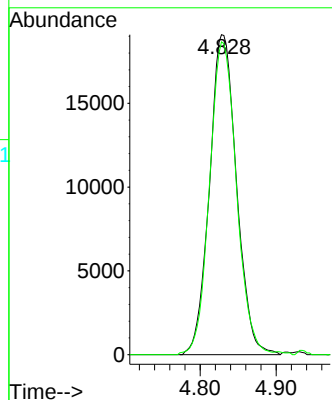
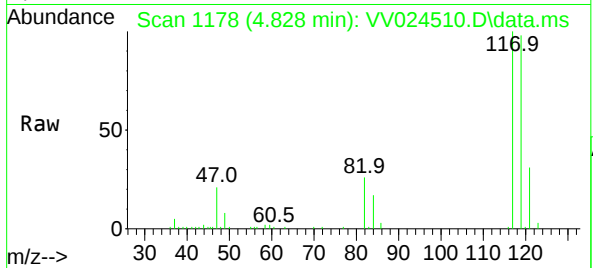




#31
Carbon tetrachloride
Concen: 4.011 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

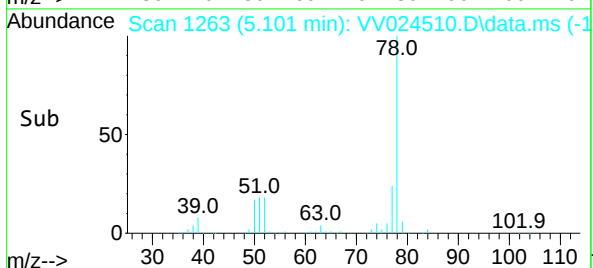
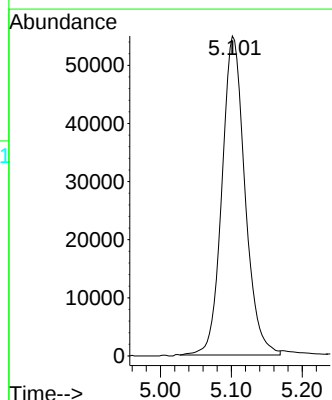
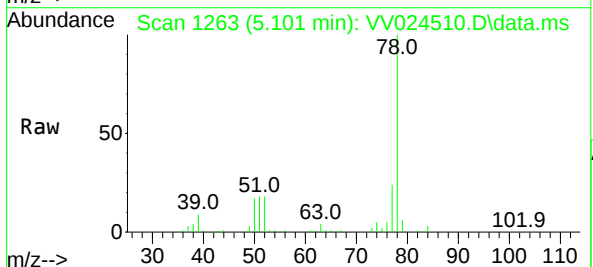
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

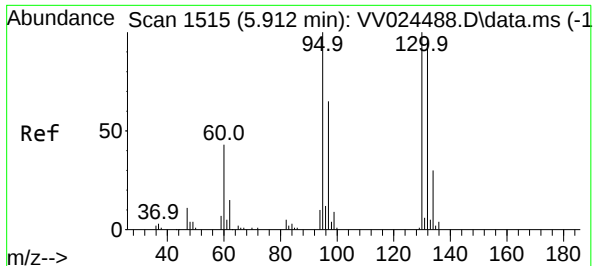
Tgt Ion:117 Resp: 47195
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8



#33
Benzene
Concen: 4.111 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 78 Resp: 124027





#34

Trichloroethene

Concen: 3.879 ug/L

RT: 5.918 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

Tgt Ion: 95 Resp: 33084

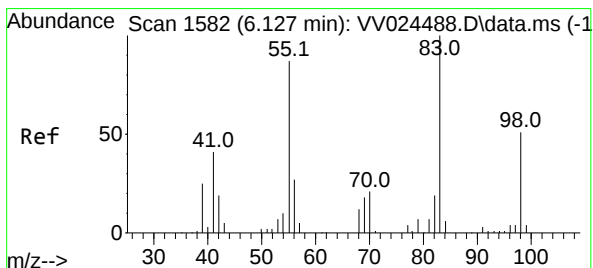
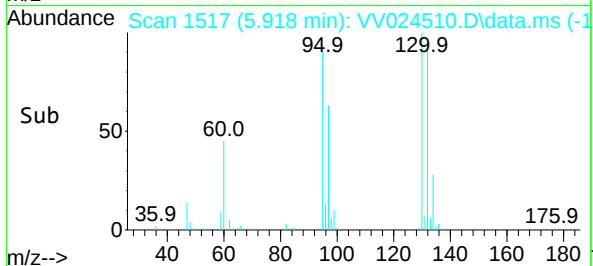
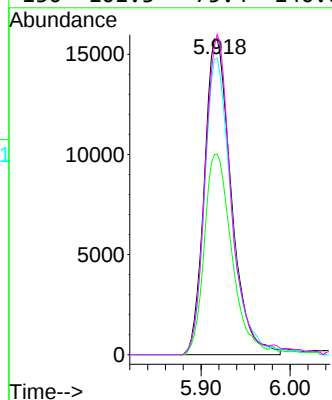
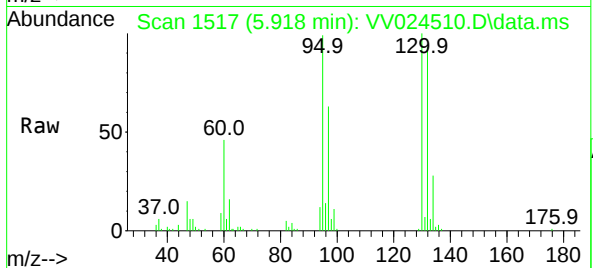
Ion Ratio Lower Upper

95 100

97 63.5 45.2 84.0

132 93.9 76.1 141.3

130 101.3 75.4 140.0



#35

Methylcyclohexane

Concen: 3.413 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

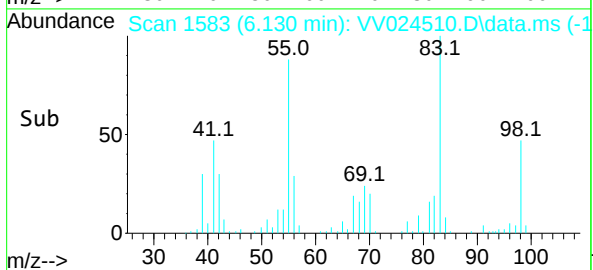
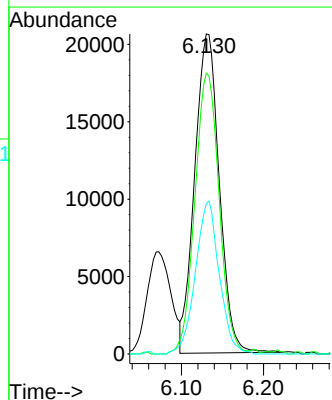
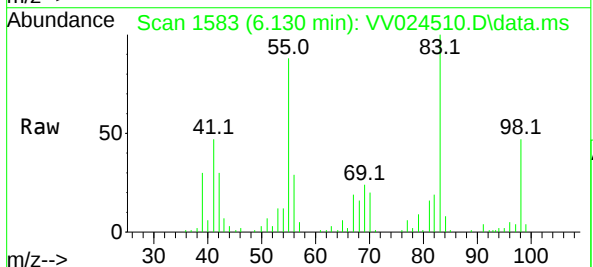
Tgt Ion: 83 Resp: 42934

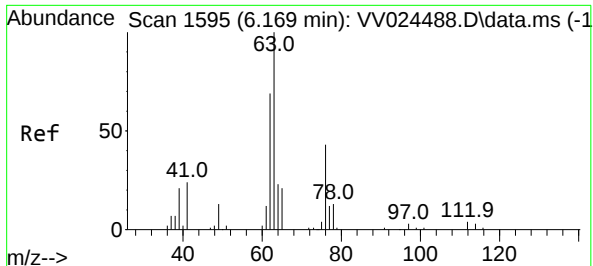
Ion Ratio Lower Upper

83 100

55 87.1 60.2 90.2

98 46.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.322 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

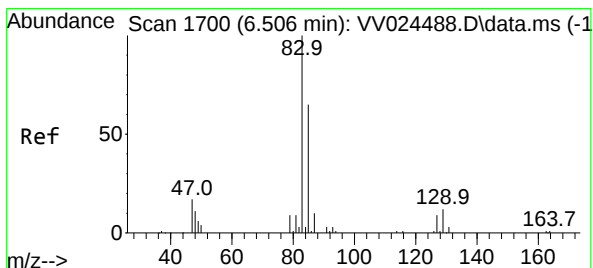
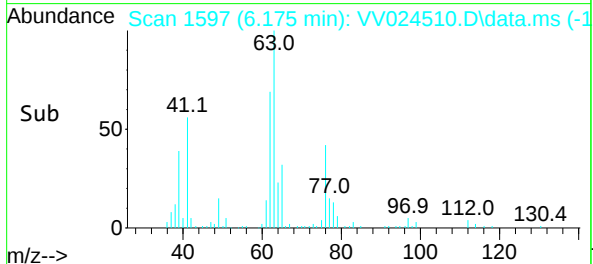
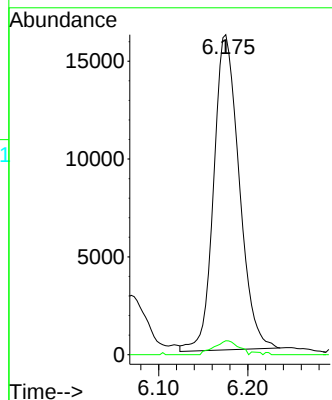
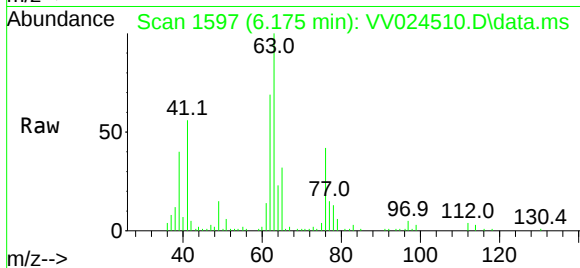
VSTD005302

Tgt Ion: 63 Resp: 32034

Ion Ratio Lower Upper

63 100

112 4.2 4.3 6.5#



#38

Bromodichloromethane

Concen: 4.235 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

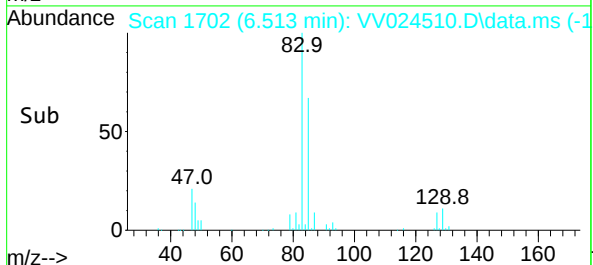
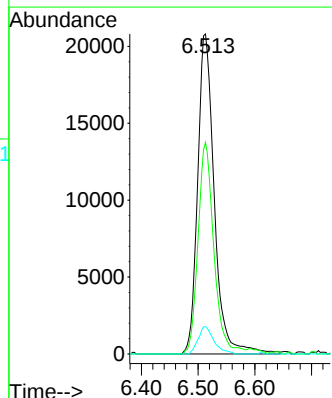
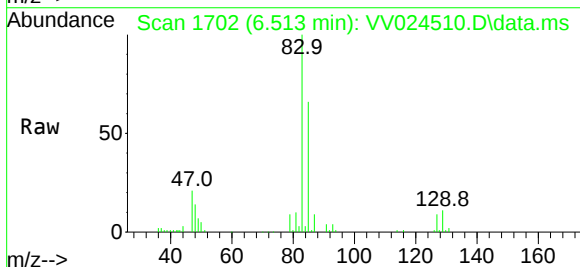
Tgt Ion: 83 Resp: 42497

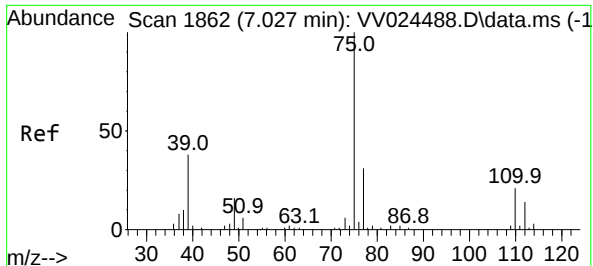
Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.8

127 8.5 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 3.839 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

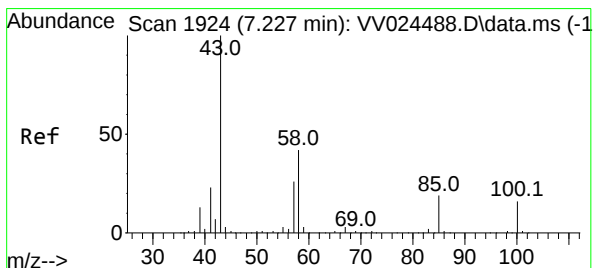
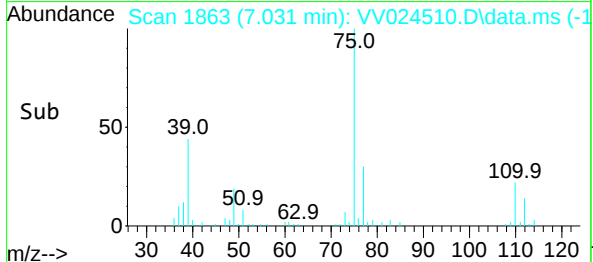
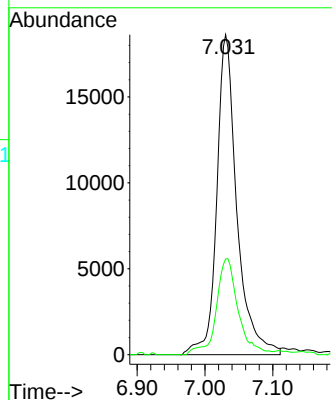
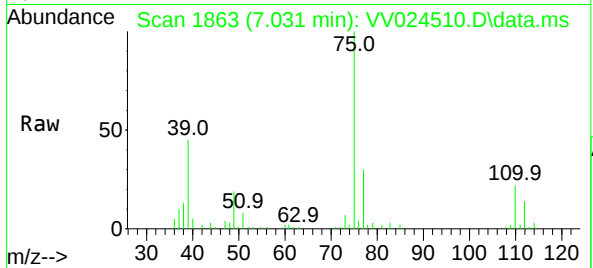
VSTD005302

Tgt Ion: 75 Resp: 38342

Ion Ratio Lower Upper

75 100

77 29.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 43.336 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

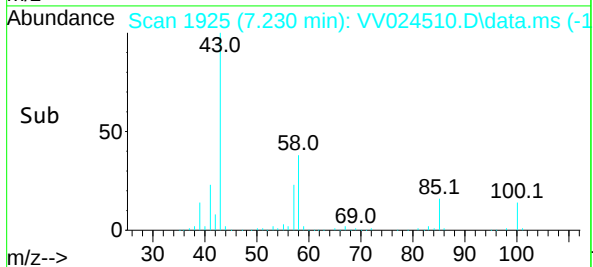
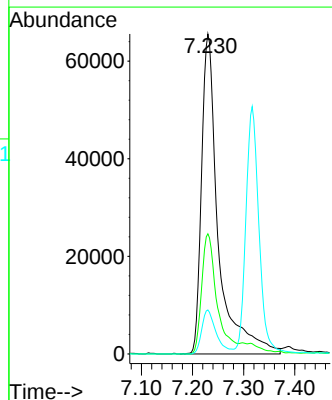
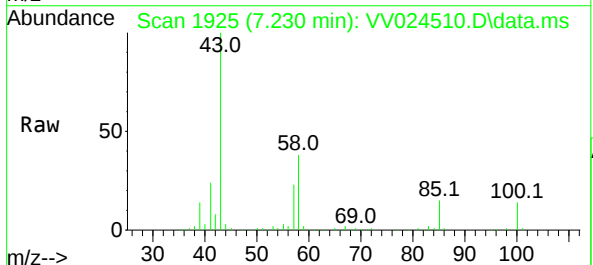
Tgt Ion: 43 Resp: 149731

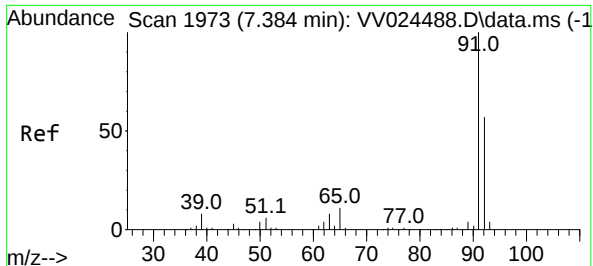
Ion Ratio Lower Upper

43 100

58 34.0 32.3 48.5

100 11.9 13.0 19.6#





#42

Toluene

Concen: 4.127 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

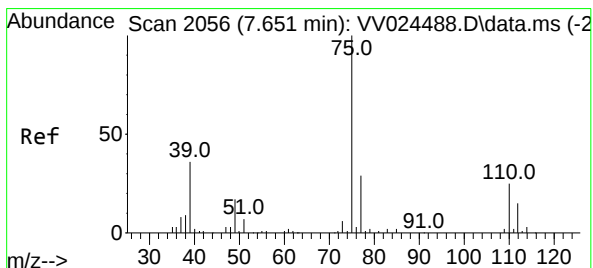
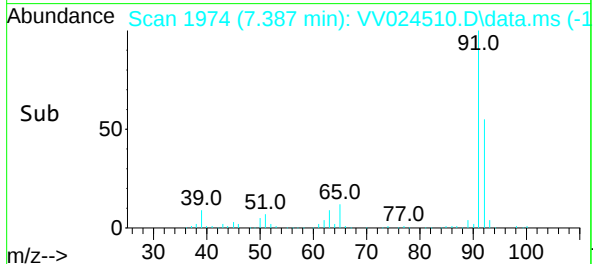
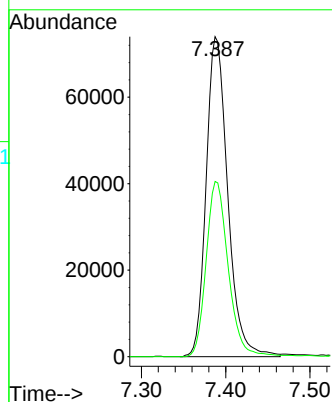
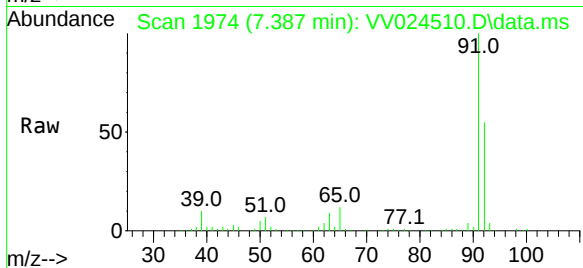
VSTD005302

Tgt Ion: 91 Resp: 131888

Ion Ratio Lower Upper

91 100

92 54.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.091 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV024510.D

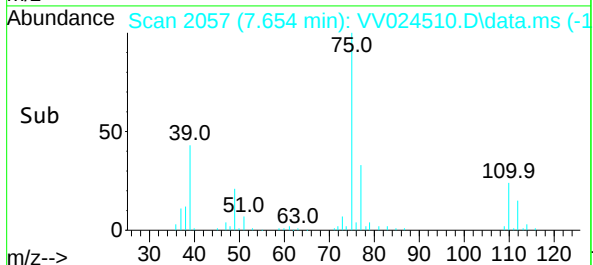
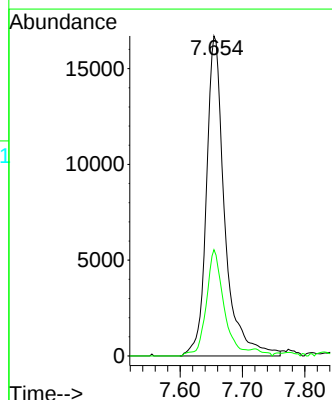
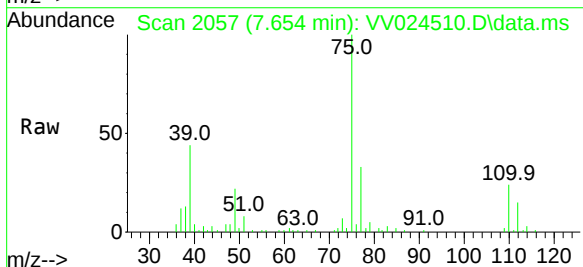
Acq: 29 Jan 2022 00:37

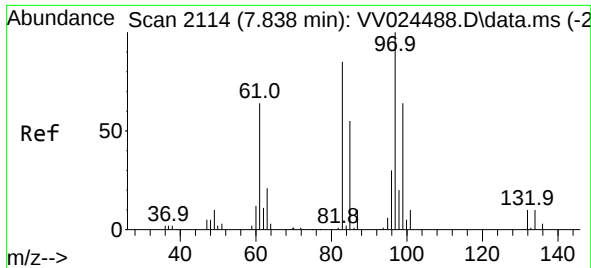
Tgt Ion: 75 Resp: 34035

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.4

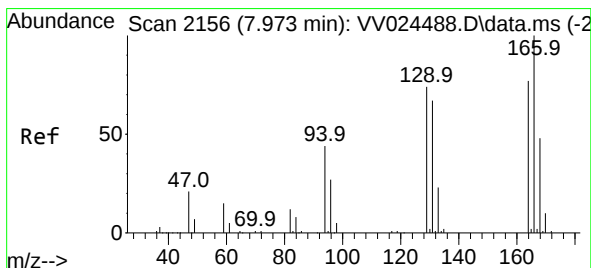
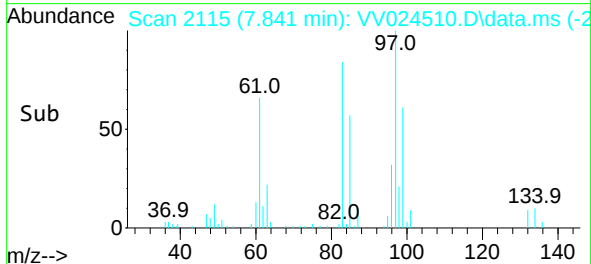
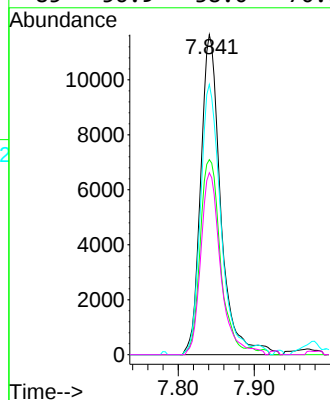
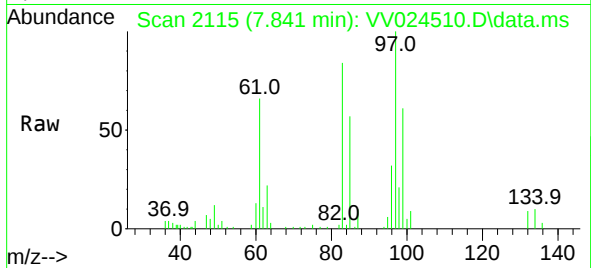




#45
1,1,2-Trichloroethane
Concen: 4.255 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

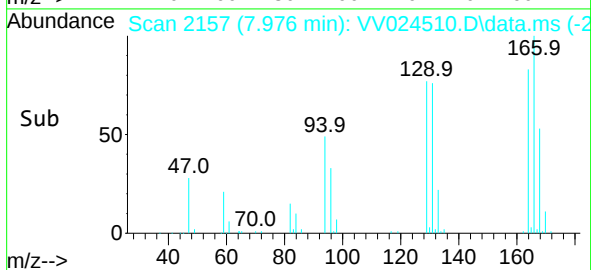
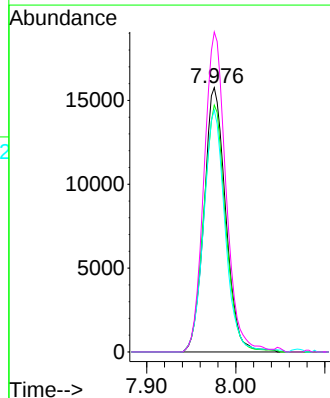
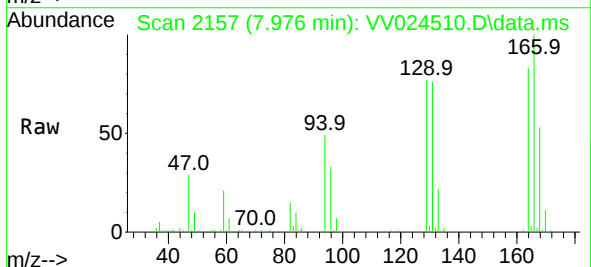
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

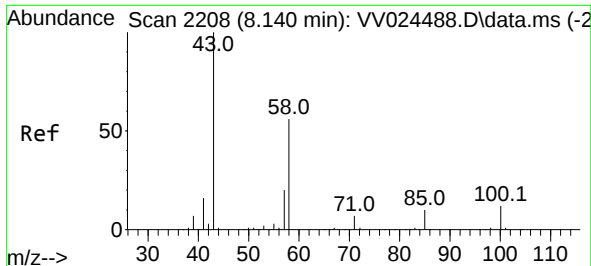
Tgt Ion:	97	Resp:	21325
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.1	80.1
83	84.4	57.9	107.5
85	56.9	38.0	70.6



#47
Tetrachloroethene
Concen: 3.955 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion:	164	Resp:	26569
Ion	Ratio	Lower	Upper
164	100		
129	93.4	62.6	116.2
131	91.6	61.0	113.4
166	121.1	87.3	162.1

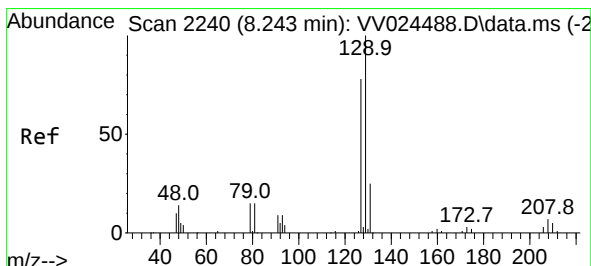
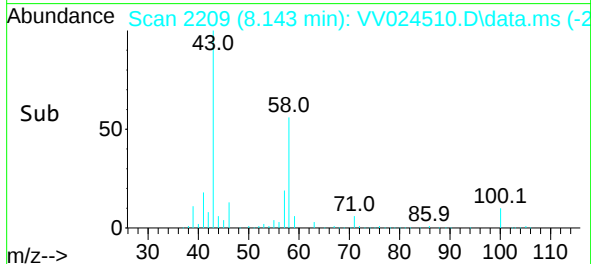
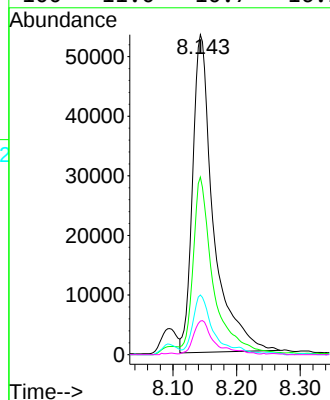
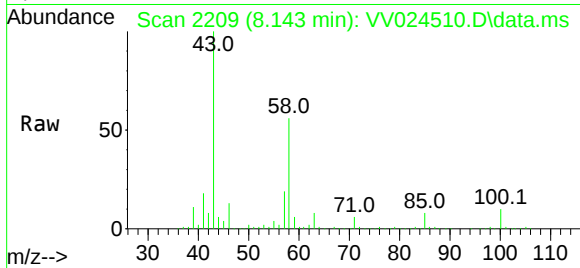




#48
2-Hexanone
Concen: 47.697 ug/L
RT: 8.143 min Scan# 21167
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

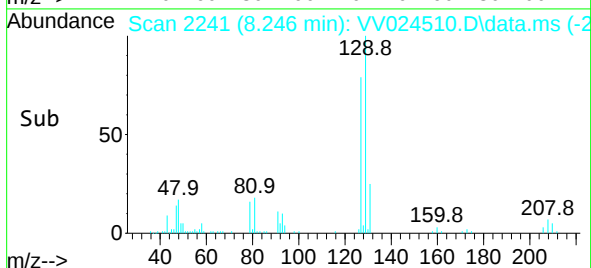
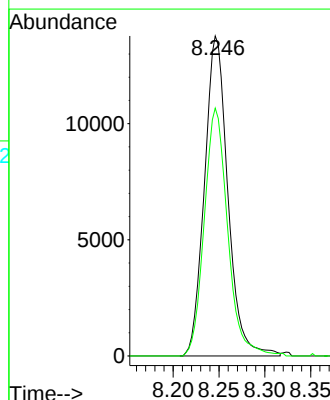
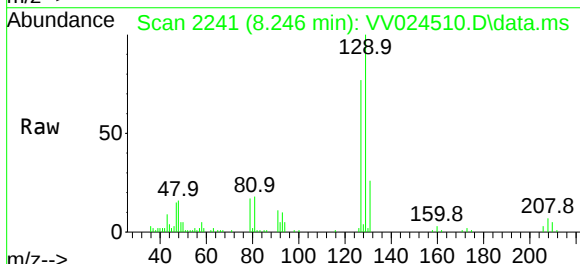
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

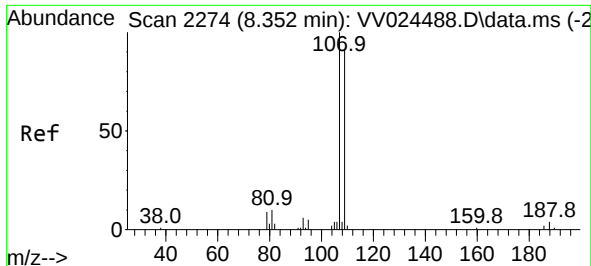
Tgt Ion: 43 Resp: 121167
Ion Ratio Lower Upper
43 100
58 53.3 44.5 66.7
57 15.0 15.1 22.7#
100 11.0 10.7 16.1



#49
Dibromochloromethane
Concen: 3.924 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 129 Resp: 24479
Ion Ratio Lower Upper
129 100
127 77.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.163 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

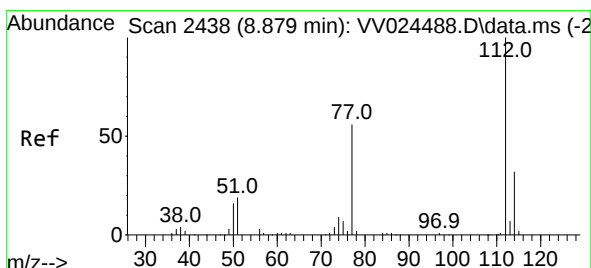
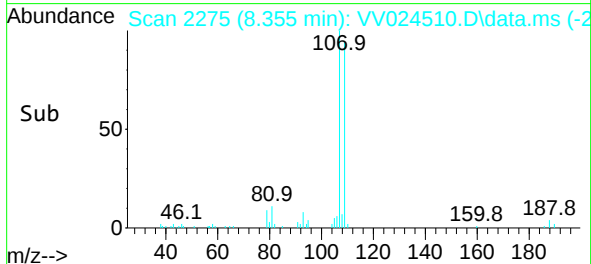
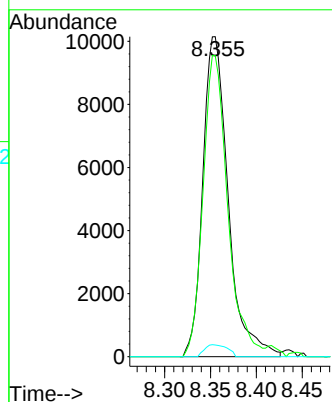
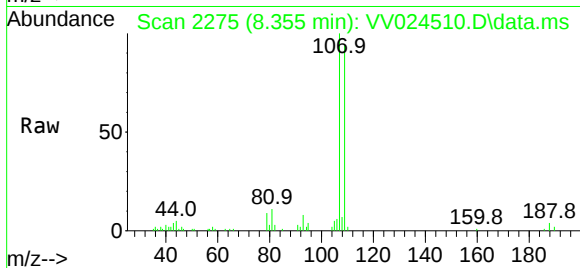
Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

Tgt Ion:	107	Resp:	19559
Ion	Ratio	Lower	Upper
107	100		
109	94.1	62.5	116.1
188	3.6	3.4	5.2



#51

Chlorobenzene

Concen: 3.796 ug/L

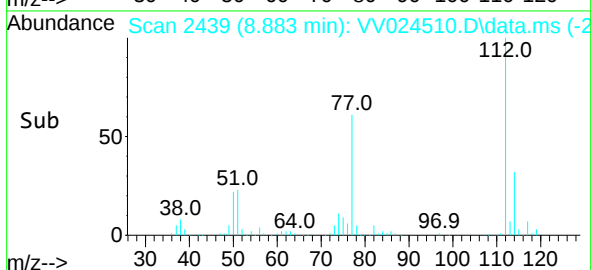
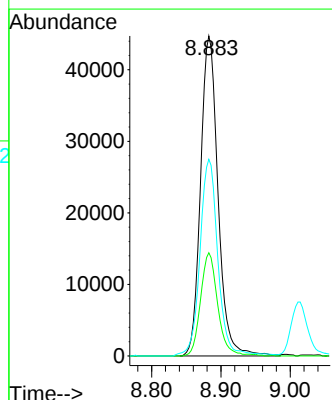
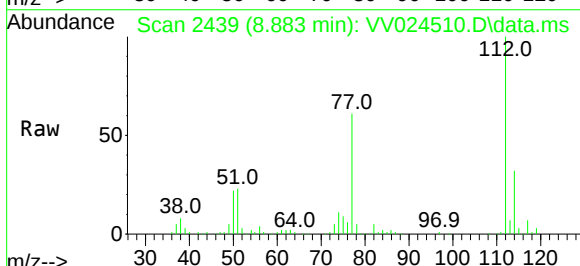
RT: 8.883 min Scan# 2439

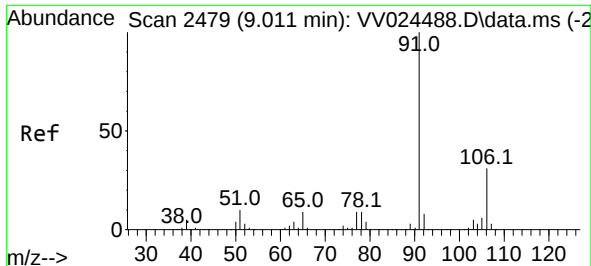
Delta R.T. 0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Tgt Ion:	112	Resp:	78317
Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.3	43.3
77	61.4	43.3	64.9

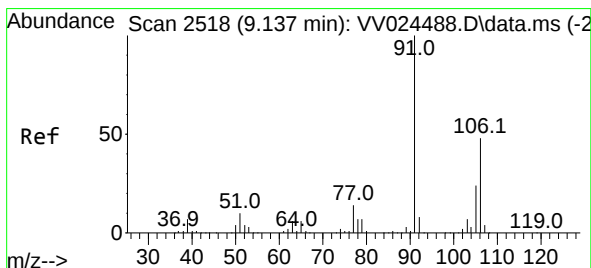
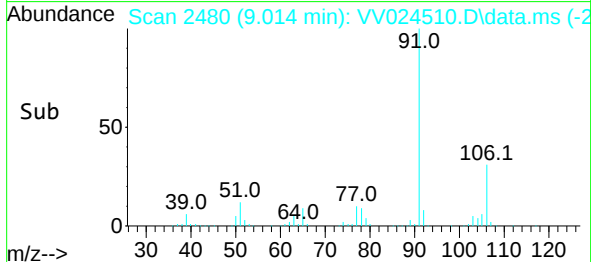
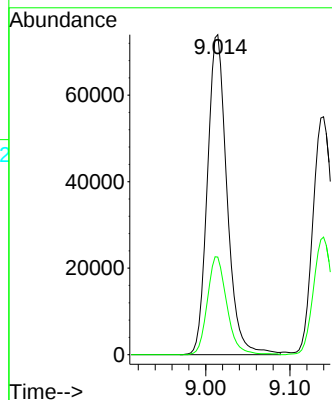
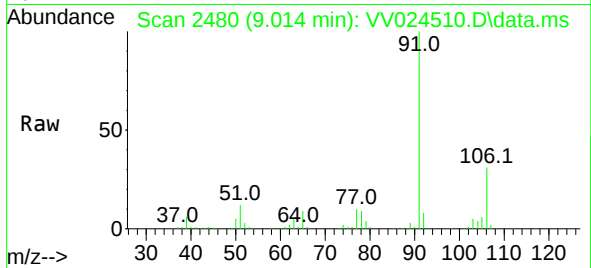




#52
Ethylbenzene
Concen: 3.562 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

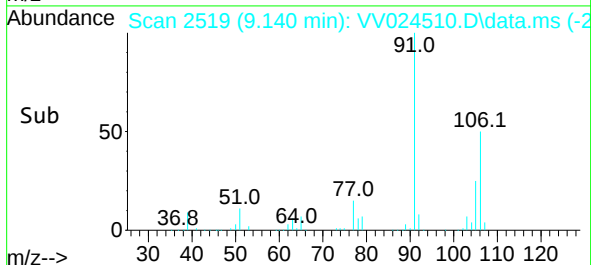
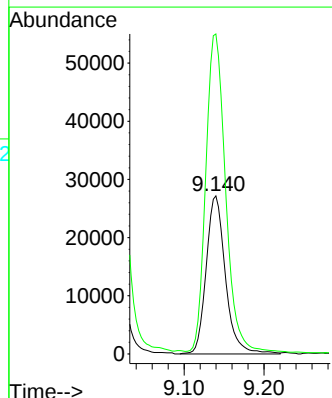
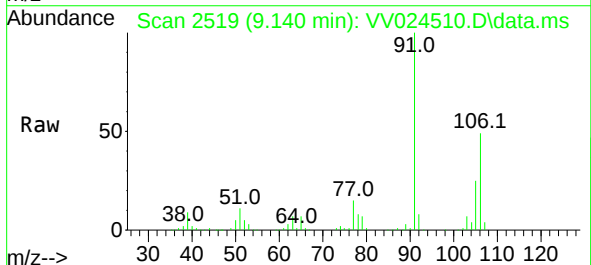
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

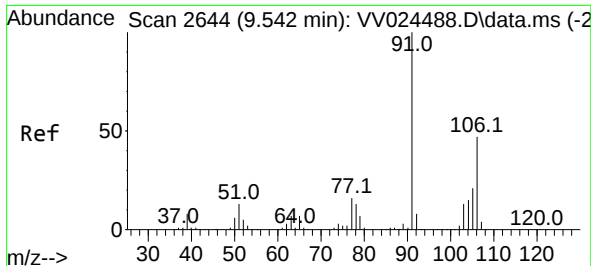
Tgt Ion: 91 Resp: 119669
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0



#53
m,p-xylene
Concen: 3.616 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 106 Resp: 45595
Ion Ratio Lower Upper
106 100
91 202.4 139.5 259.1

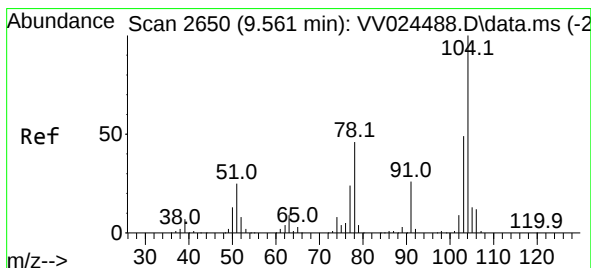
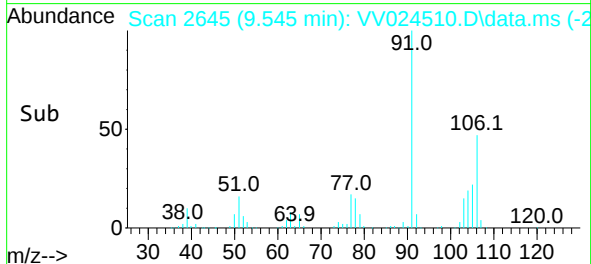
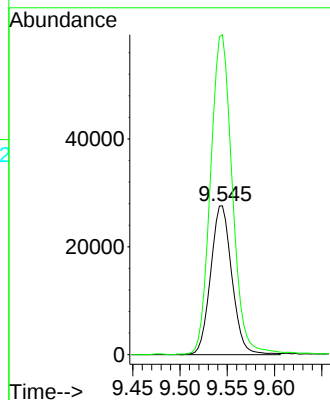
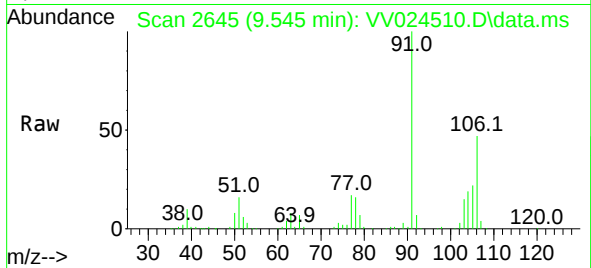




#54
o-xylene
Concen: 3.636 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

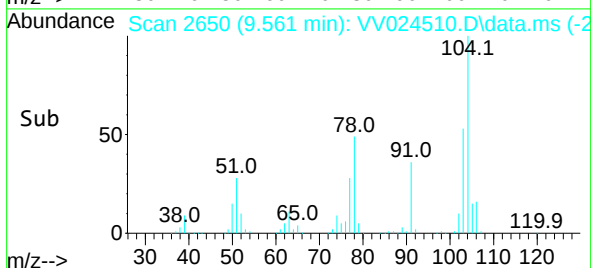
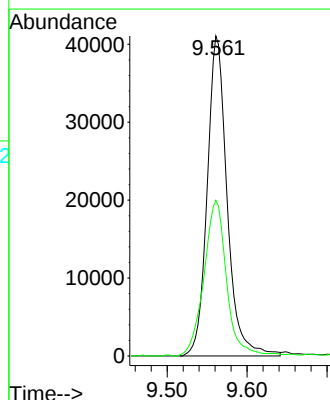
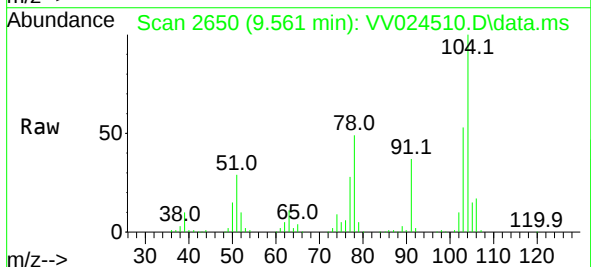
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

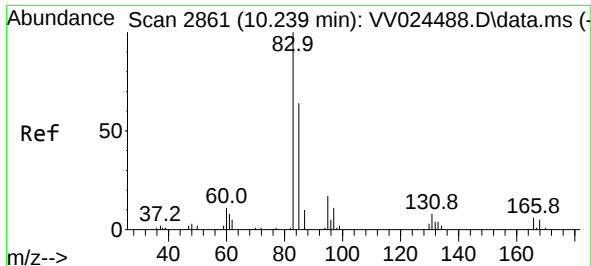
Tgt Ion:106 Resp: 43207
Ion Ratio Lower Upper
106 100
91 215.0 147.9 274.7



#55
Styrene
Concen: 3.585 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion:104 Resp: 71220
Ion Ratio Lower Upper
104 100
78 48.7 31.0 57.6



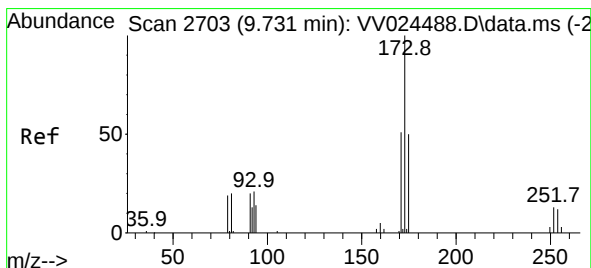
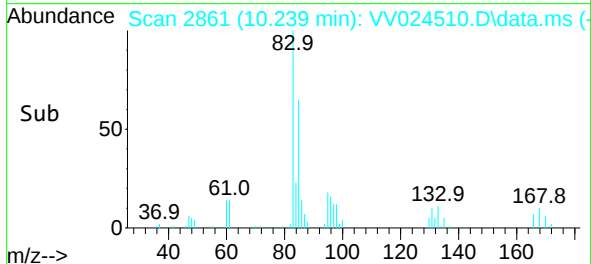
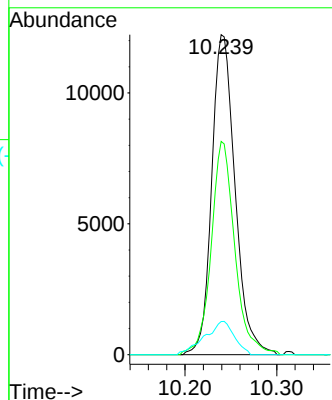
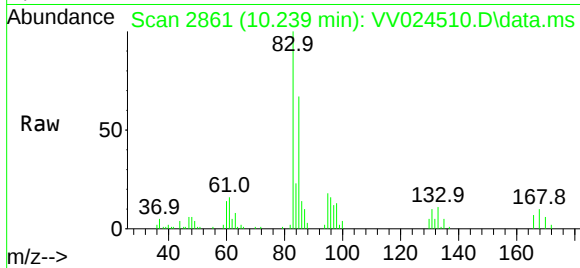


#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.413 ug/L
 RT: 10.239 min Scan# 21659
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Tgt Ion: 83 Resp: 21659

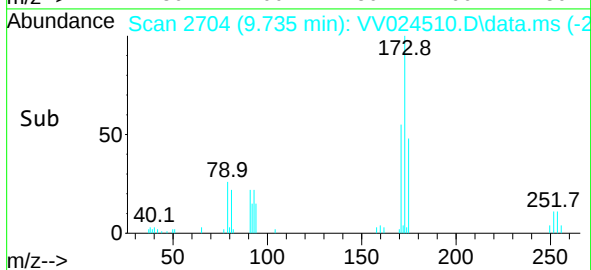
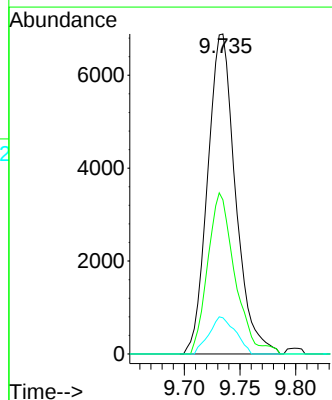
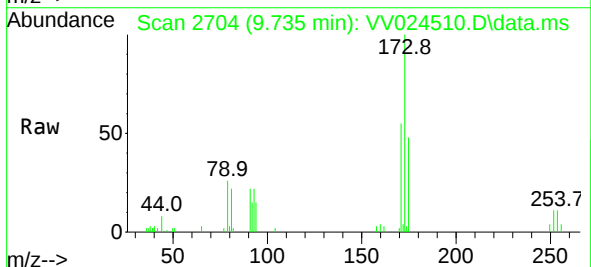
Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.6	82.8
131	10.4	8.3	12.5

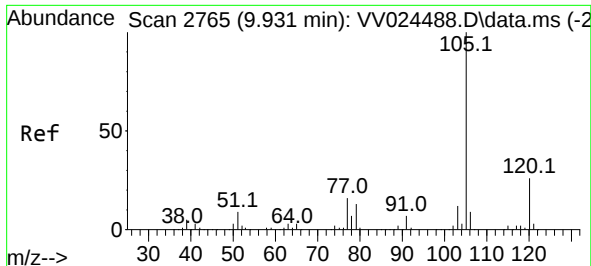


#59
 Bromoform
 Concen: 3.780 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion: 173 Resp: 12000

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.4	59.2
254	10.9	7.4	11.0

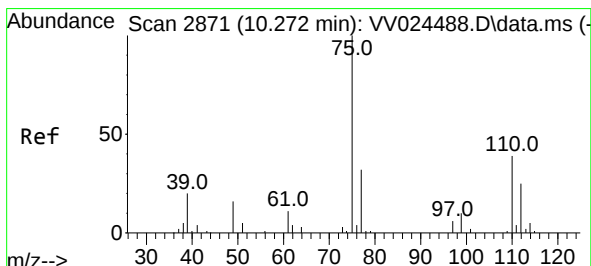
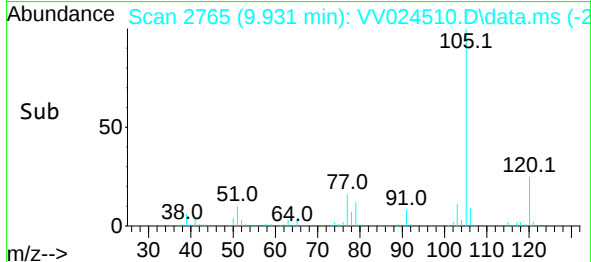
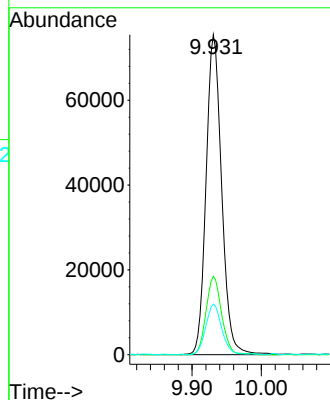
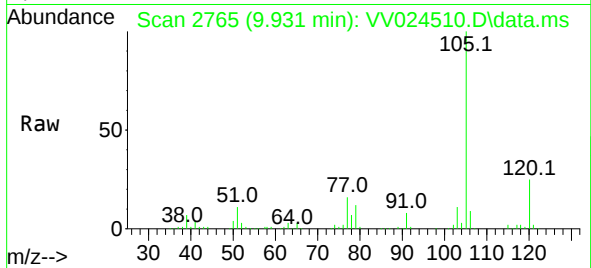




#60
Isopropylbenzene
Concen: 3.821 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

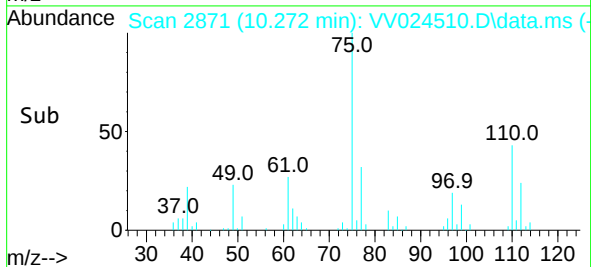
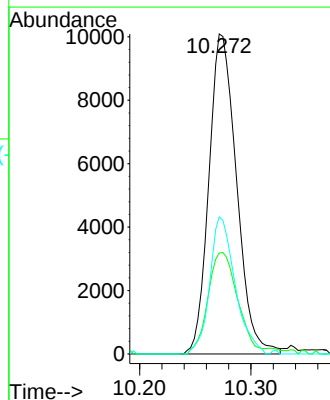
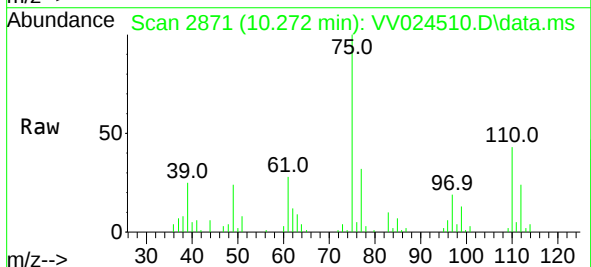
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

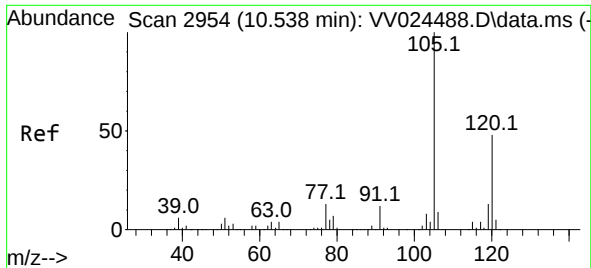
Tgt Ion:105 Resp: 117484
Ion Ratio Lower Upper
105 100
120 24.6 21.4 32.0
77 16.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.450 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion: 75 Resp: 17410
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 39.1 34.2 51.2

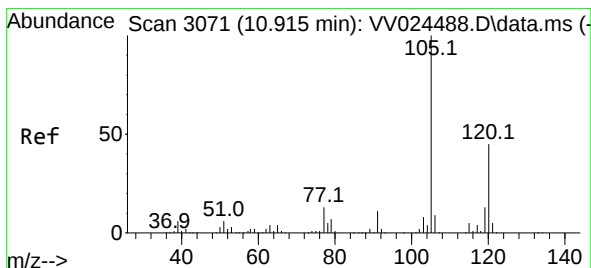
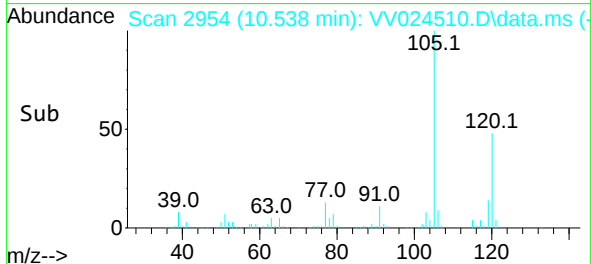
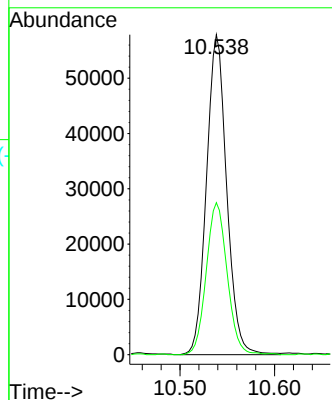
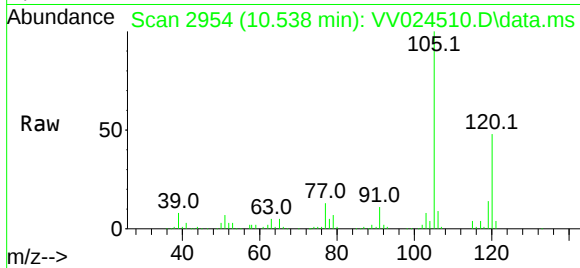




#62
 1,3,5-Trimethylbenzene
 Concen: 3.474 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

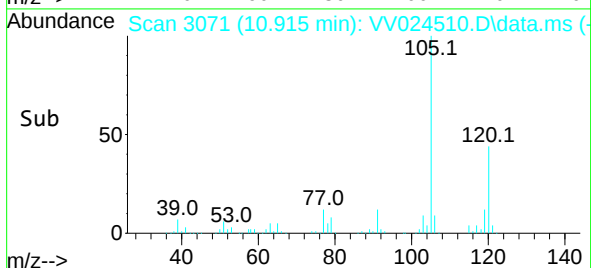
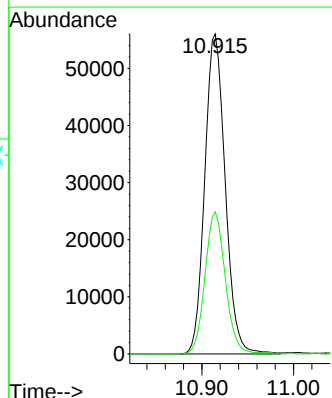
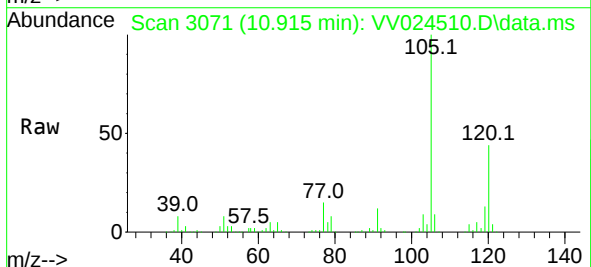
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

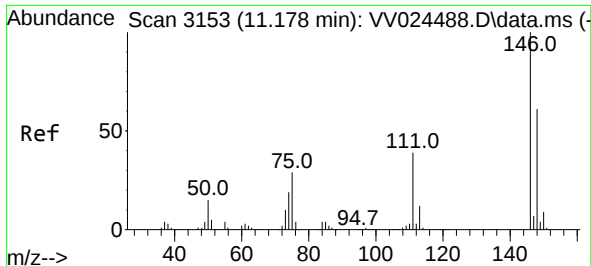
Tgt Ion:105 Resp: 86010
 Ion Ratio Lower Upper
 105 100
 120 49.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 3.416 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion:105 Resp: 86781
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.7 55.1

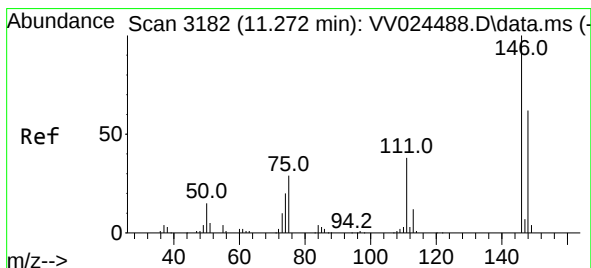
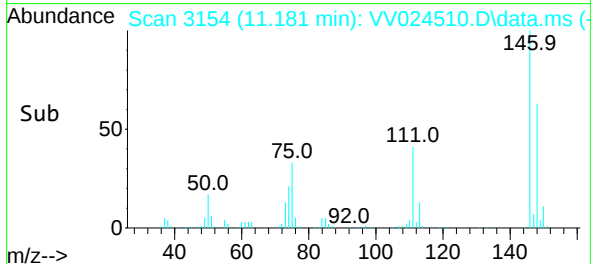
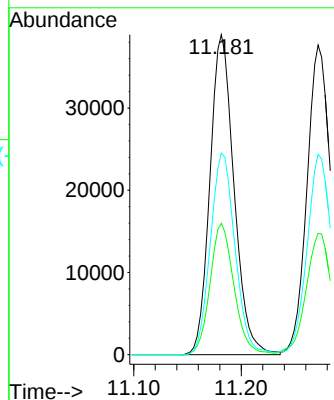
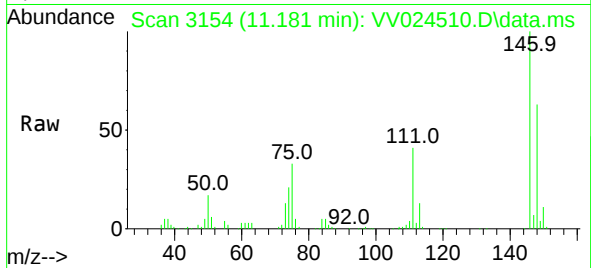




#64
 1,3-Dichlorobenzene
 Concen: 3.903 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

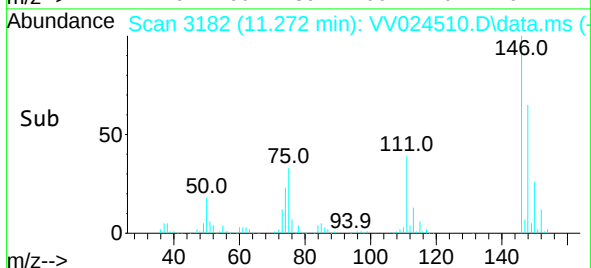
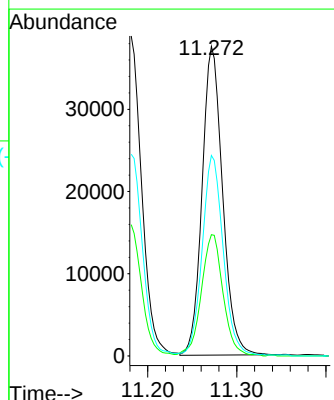
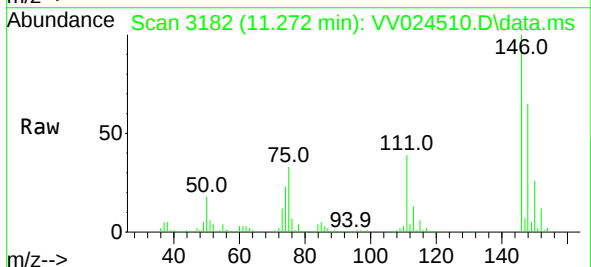
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

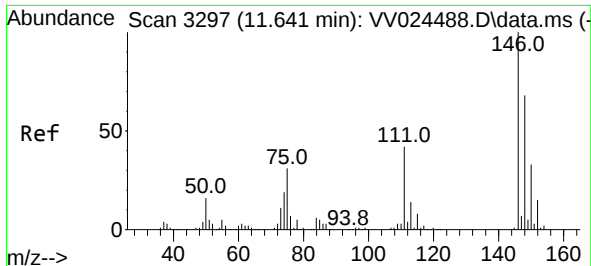
Tgt Ion:146 Resp: 60665
 Ion Ratio Lower Upper
 146 100
 111 41.1 26.3 48.9
 148 63.0 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 3.797 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV024510.D
 Acq: 29 Jan 2022 00:37

Tgt Ion:146 Resp: 60076
 Ion Ratio Lower Upper
 146 100
 111 39.2 25.6 47.6
 148 64.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 3.812 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

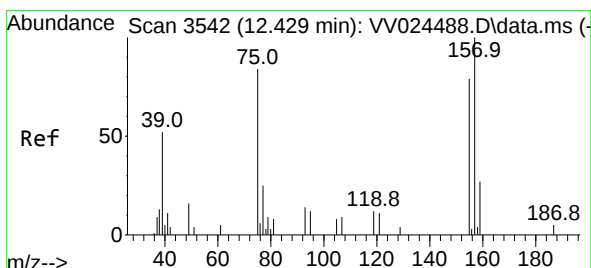
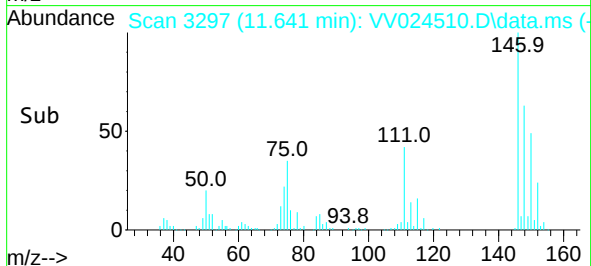
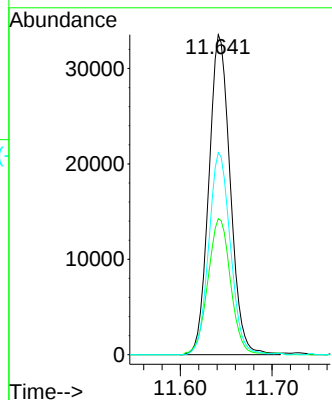
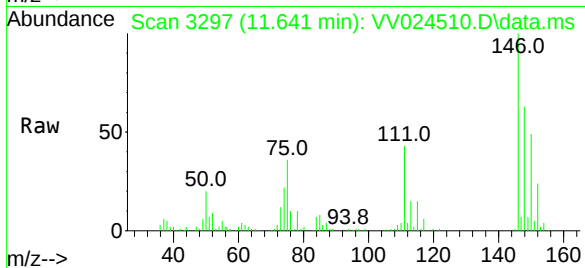
Tgt Ion:146 Resp: 54385

Ion Ratio Lower Upper

146 100

111 42.5 31.9 47.9

148 63.2 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.062 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV024510.D

Acq: 29 Jan 2022 00:37

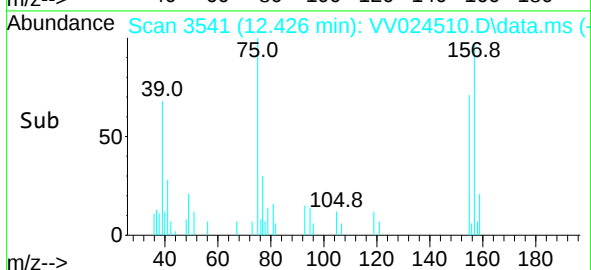
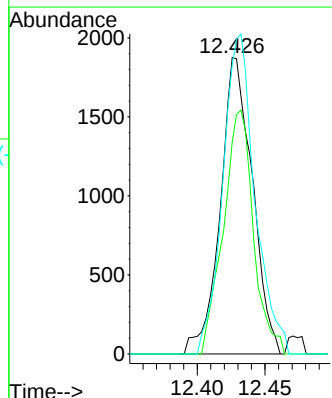
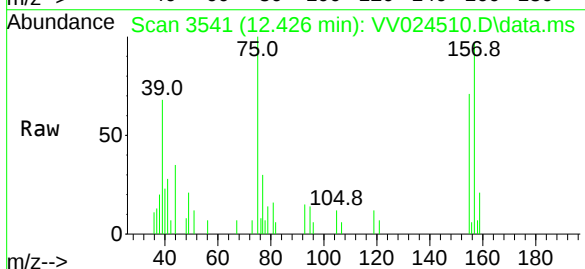
Tgt Ion: 75 Resp: 3091

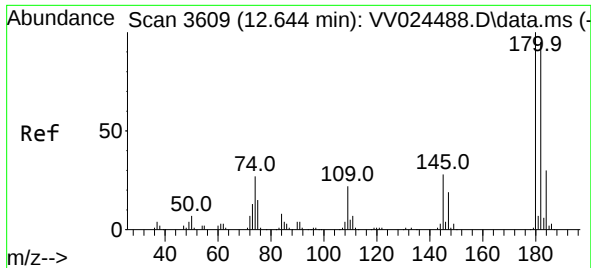
Ion Ratio Lower Upper

75 100

155 71.4 71.7 107.5#

157 97.4 103.3 154.9#

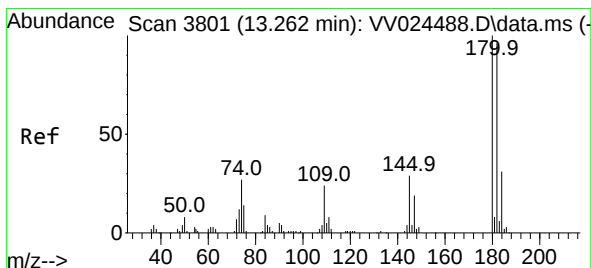
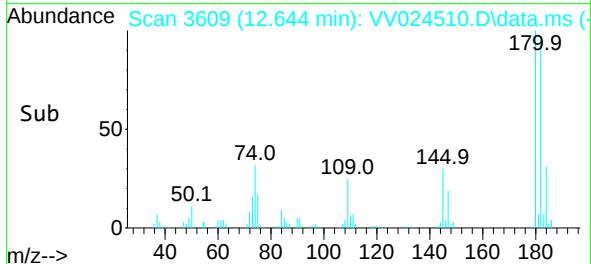
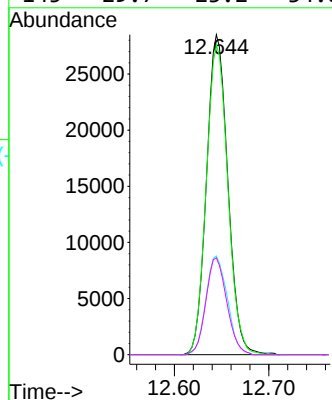
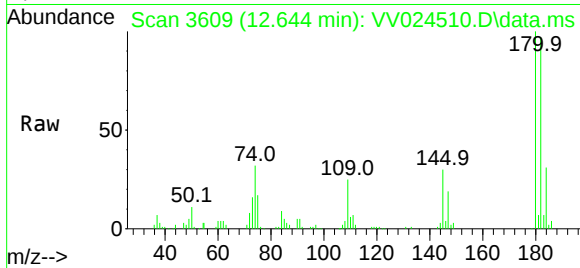




#69
1,3,5-Trichlorobenzene
Concen: 3.530 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

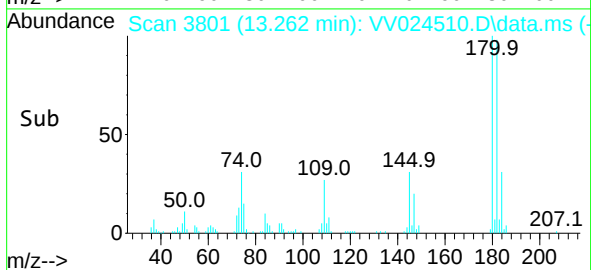
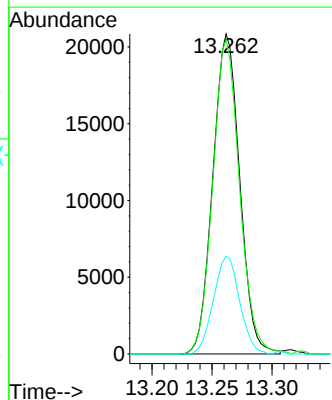
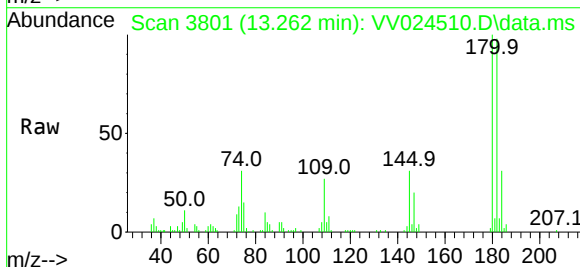
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

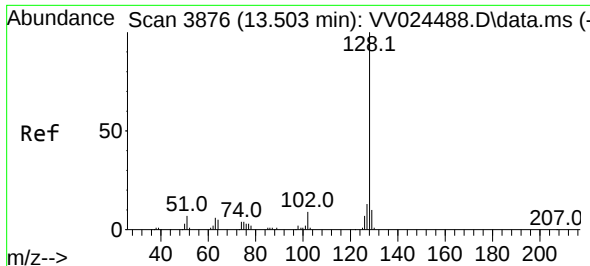
Tgt Ion:180	Resp:	44714
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.4 114.6
184	31.1	24.2 36.4
145	29.7	23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 3.362 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion:180	Resp:	32441
Ion Ratio	Lower	Upper
180	100	
182	98.0	74.4 111.6
145	29.7	23.3 34.9

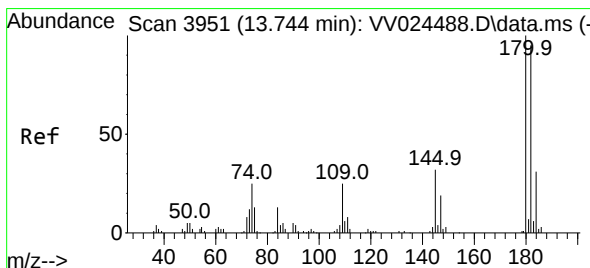
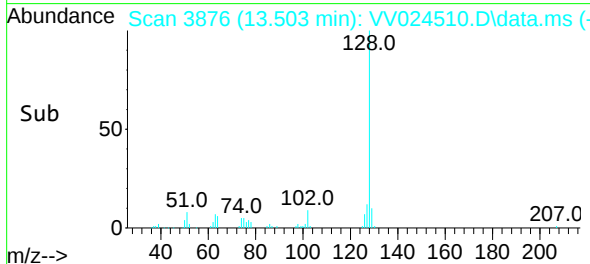
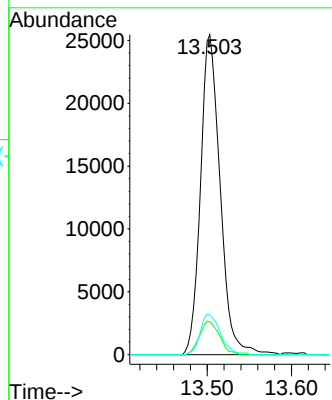
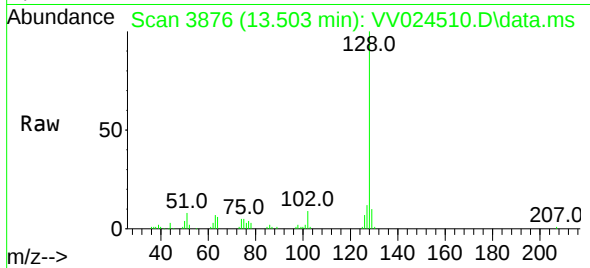




#71
Naphthalene
Concen: 3.397 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion:128 Resp: 41339
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 3.564 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024510.D
Acq: 29 Jan 2022 00:37

Tgt Ion:180 Resp: 29335
Ion Ratio Lower Upper
180 100
182 93.1 76.8 115.2
145 31.5 25.8 38.6

