

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025420.D
 Acq On : 08 Apr 2022 19:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Apr 09 05:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	73760	5.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.571	69	66397	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.114	63	142448	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.896	46	105422	62.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.820%
24) Chloroform-d	4.352	84	118520	5.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.034	65	52861	5.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	5.053	84	236468	5.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	6.069	67	65674	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.317	98	221608	5.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	7.622	79	22797	5.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.000%
46) 2-Hexanone-d5	8.088	63	83992	60.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42327	5.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	74483	5.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63676	4.757	ug/L	98
3) Chloromethane	1.243	50	78450	5.394	ug/L	98
5) Vinyl chloride	1.314	62	80838	4.919	ug/L	100
6) Bromomethane	1.526	94	53344	4.501	ug/L	98
8) Chloroethane	1.587	64	54881	4.326	ug/L	97
9) Trichlorofluoromethane	1.757	101	112920	4.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60534	4.668	ug/L	98
12) 1,1-Dichloroethene	2.121	96	61113	4.755	ug/L	98
13) Acetone	2.188	43	58216	51.187	ug/L	98
14) Carbon disulfide	2.298	76	143243	4.656	ug/L	100
15) Methyl Acetate	2.442	43	14455	5.719	ug/L	100
16) Methylene chloride	2.510	84	55024	4.416	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	104095	5.235	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	52275	4.854	ug/L	96
19) 1,1-Dichloroethane	3.195	63	92208	5.055	ug/L	99
21) 2-Butanone	3.982	43	89365	56.864	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	58466	5.157	ug/L	96
23) Bromochloromethane	4.253	128	24915	5.293	ug/L	98
25) Chloroform	4.378	83	100140	5.201	ug/L	95

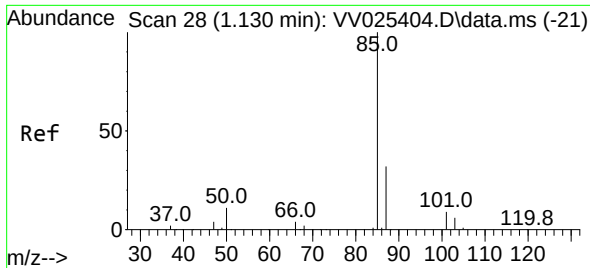
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025420.D
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 Sample : VSTDCCC005
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Apr 09 05:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	53532	5.270	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	80992	4.699	ug/L	100
30) Cyclohexane	4.680	56	71252	4.547	ug/L	100
31) Carbon tetrachloride	4.831	117	68063	4.669	ug/L	100
33) Benzene	5.101	78	212699	4.927	ug/L	100
34) Trichloroethene	5.915	95	55756	4.864	ug/L	99
35) Methylcyclohexane	6.130	83	82211	4.495	ug/L	98
37) 1,2-Dichloropropane	6.175	63	50310	5.038	ug/L	99
38) Bromodichloromethane	6.510	83	63095	5.089	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	67051	5.123	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	222645	55.679	ug/L	100
42) Toluene	7.387	91	227869	4.853	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51953	5.109	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	35473	5.304	ug/L	99
47) Tetrachloroethene	7.976	164	41556	4.631	ug/L	95
48) 2-Hexanone	8.137	43	162984	58.486	ug/L	98
49) Dibromochloromethane	8.246	129	37557	5.115	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32224	5.130	ug/L	94
51) Chlorobenzene	8.879	112	143310	4.780	ug/L	99
52) Ethylbenzene	9.011	91	228682	4.566	ug/L	100
53) m,p-Xylene	9.137	106	91498	4.805	ug/L	98
54) o-Xylene	9.542	106	88361	4.778	ug/L	97
55) Styrene	9.561	104	149038	4.956	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35338	5.288	ug/L	99
59) Bromoform	9.731	173	16413	5.001	ug/L	98
60) Isopropylbenzene	9.931	105	230204	4.677	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27781	5.305	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	97792	4.456	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	183947	4.652	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	107615	4.684	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	106354	4.561	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	97713	4.803	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4730	5.224	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	79028	4.521	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	58905	4.372	ug/L	98
71) Naphthalene	13.503	128	89513	4.529	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50428	4.520	ug/L	97

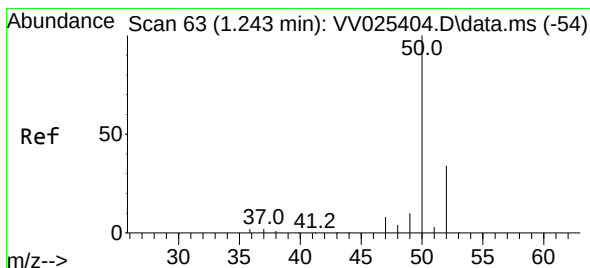
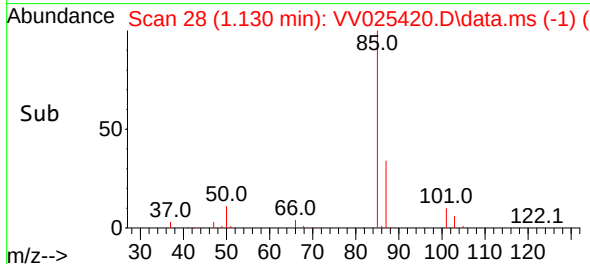
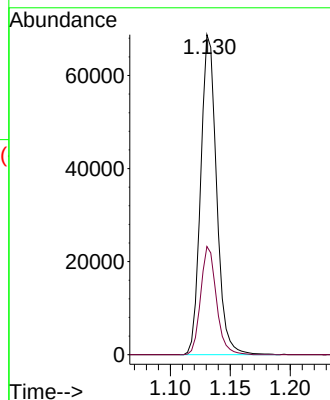
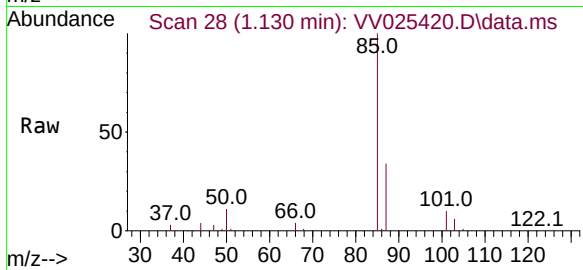
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.757 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

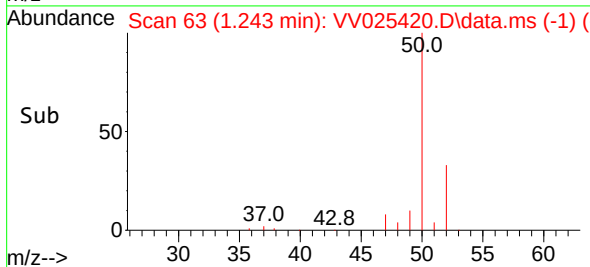
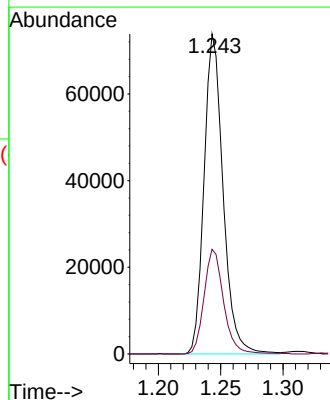
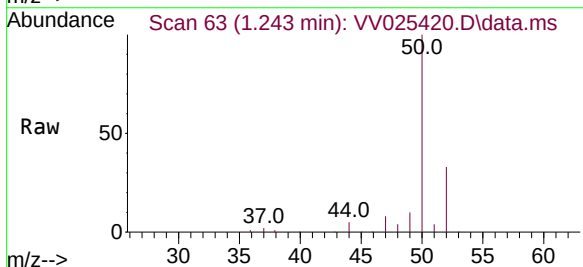
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

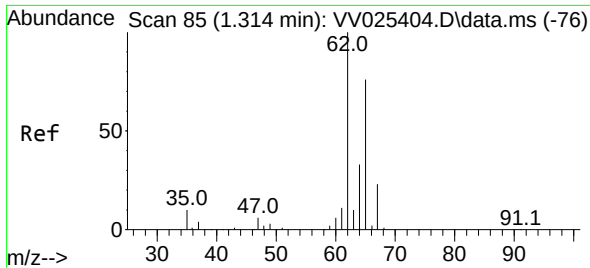
Tgt Ion: 85 Resp: 63676
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.6 38.4



#3
 Chloromethane
 Concen: 5.394 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion: 50 Resp: 78450
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

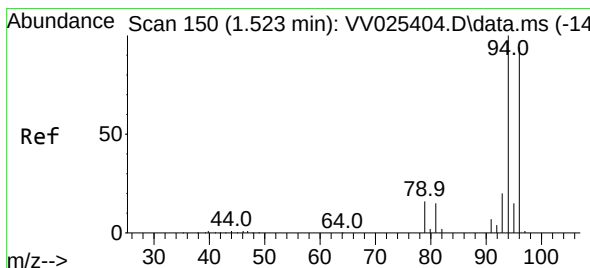
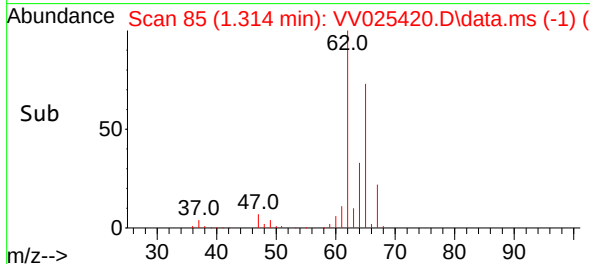
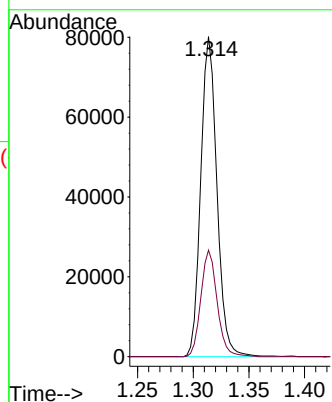
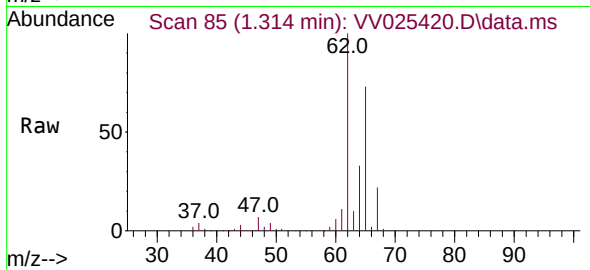




#5
 Vinyl chloride
 Concen: 4.919 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

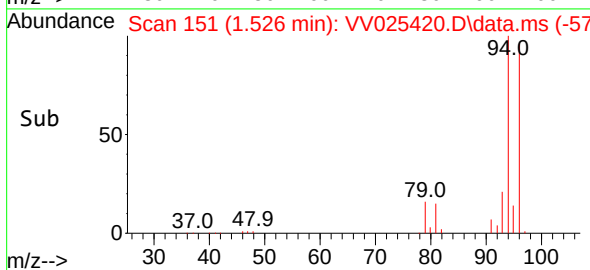
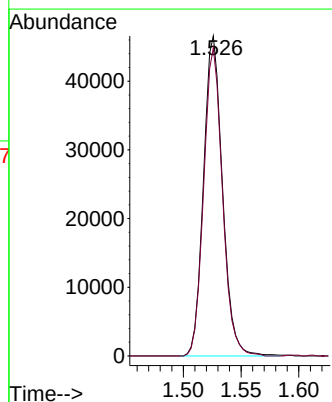
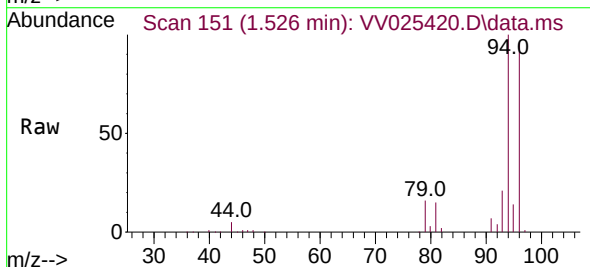
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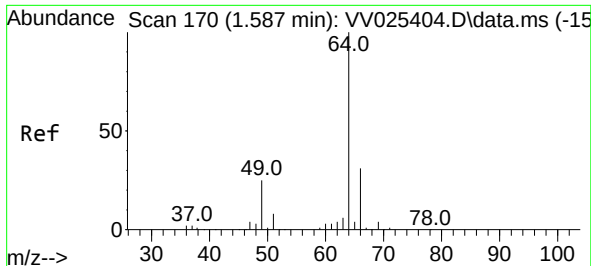
Tgt Ion: 62 Resp: 80838
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.501 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion: 94 Resp: 53344
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.1 122.7

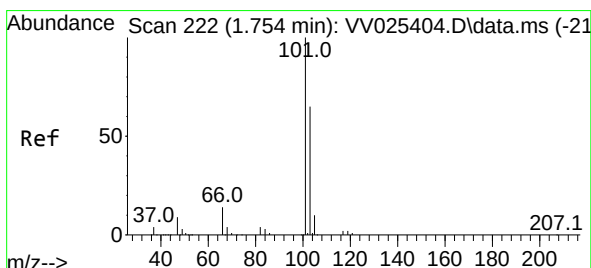
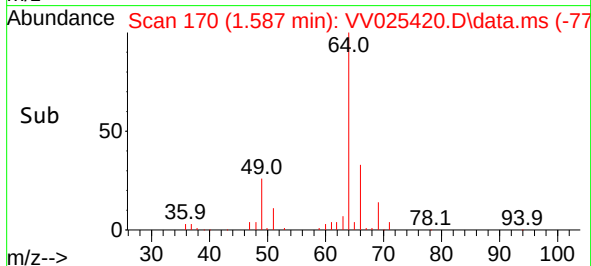
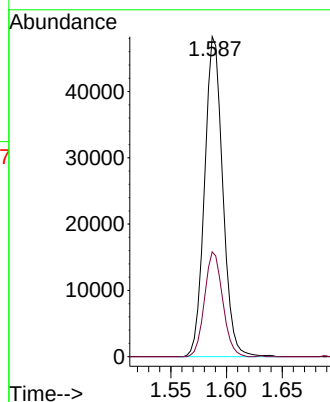
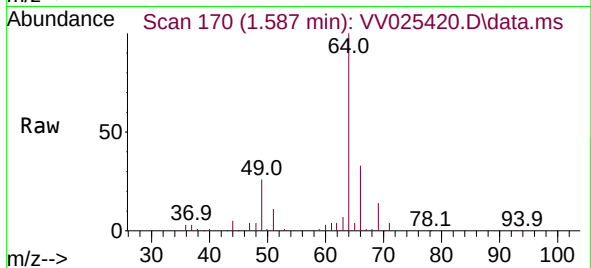




#8
Chloroethane
Concen: 4.326 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

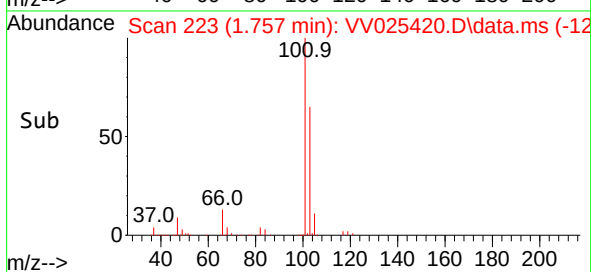
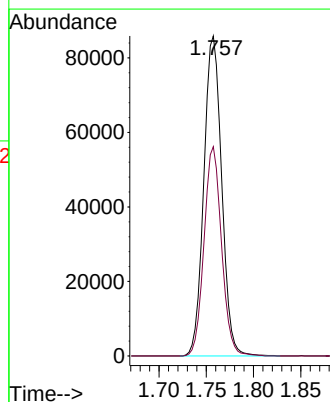
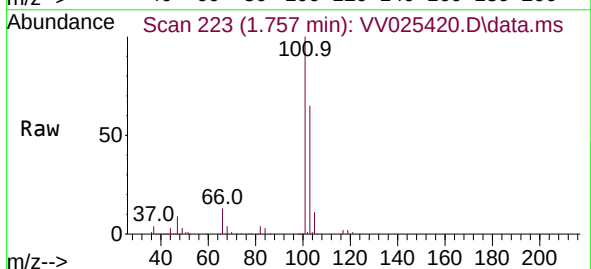
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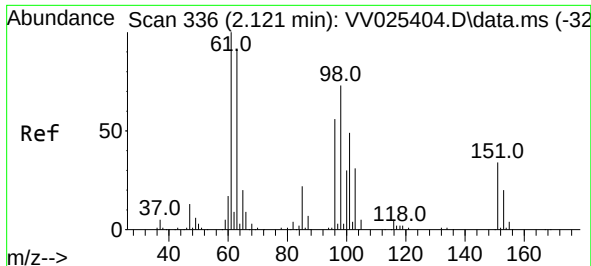
Tgt Ion: 64 Resp: 54881
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.892 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion:101 Resp: 112920
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

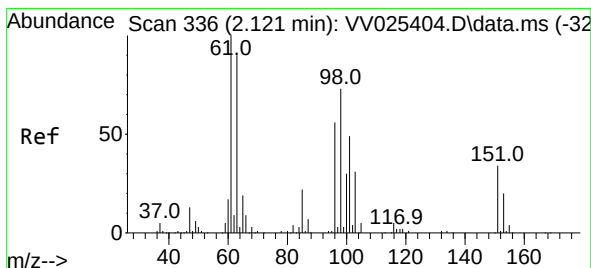
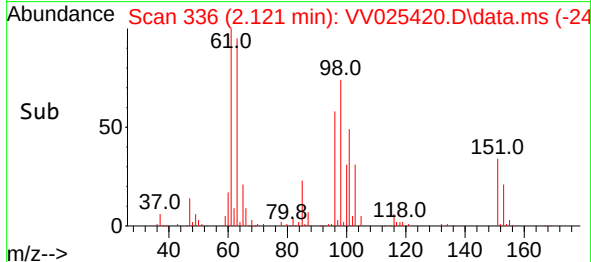
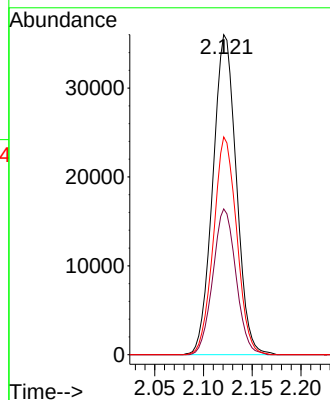
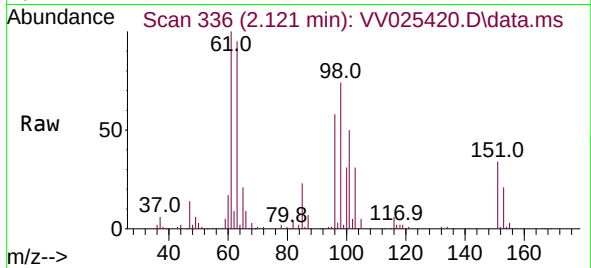




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.668 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

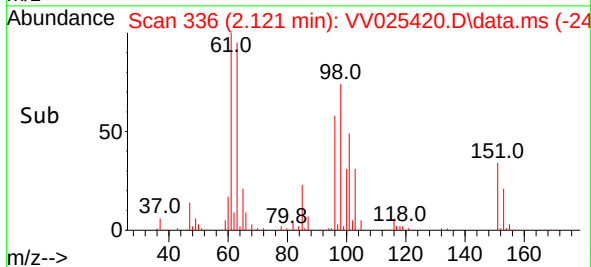
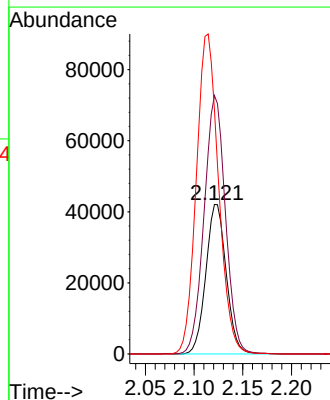
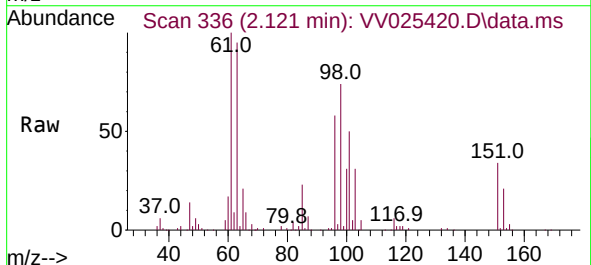
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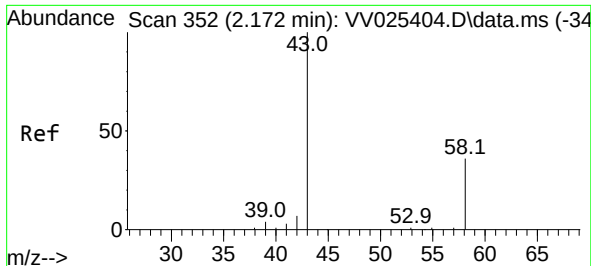
Tgt Ion:101 Resp: 60534
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.9 53.9
 151 67.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.755 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion: 96 Resp: 61113
 Ion Ratio Lower Upper
 96 100
 61 172.9 125.2 232.4
 63 163.5 114.4 212.4





#13

Acetone

Concen: 51.187 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

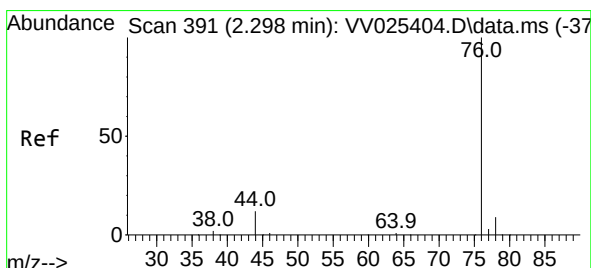
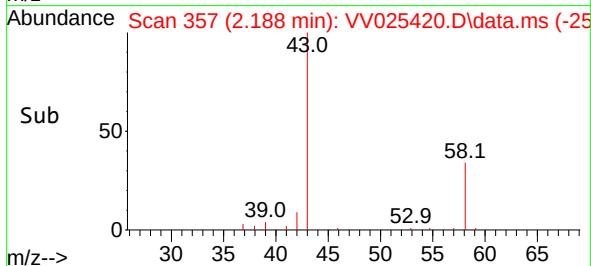
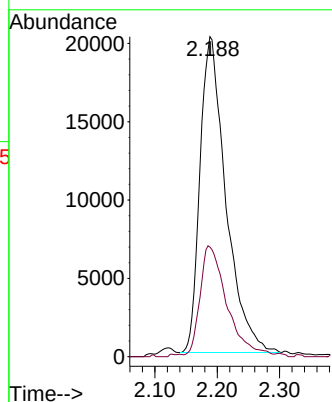
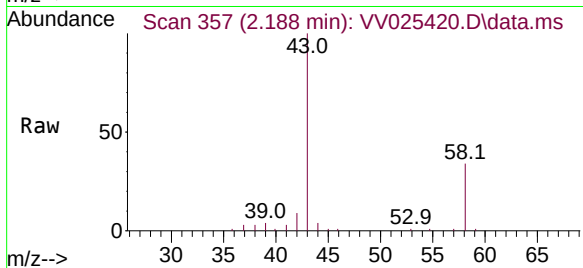
VSTD005302

Tgt Ion: 43 Resp: 58216

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.2



#14

Carbon disulfide

Concen: 4.656 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025420.D

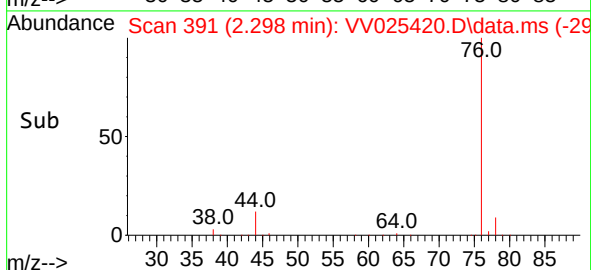
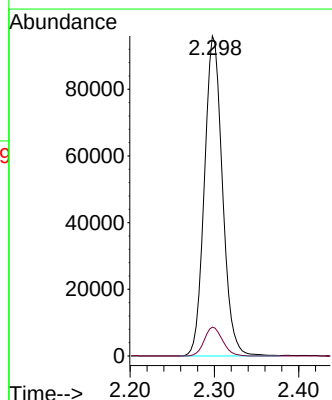
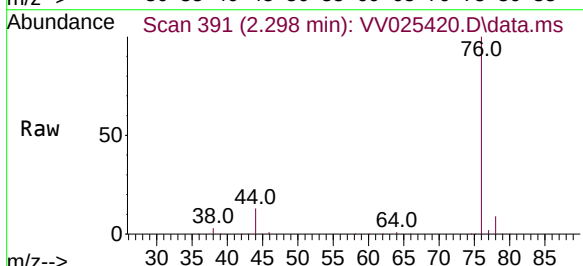
Acq: 08 Apr 2022 19:07

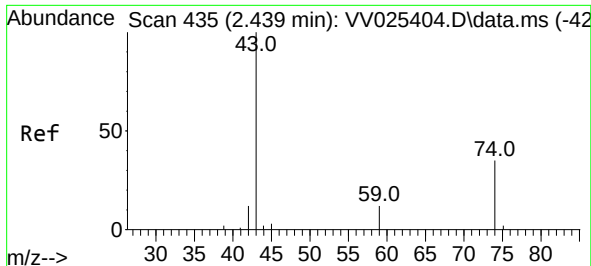
Tgt Ion: 76 Resp: 143243

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

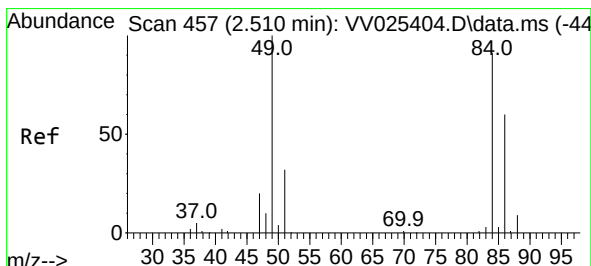
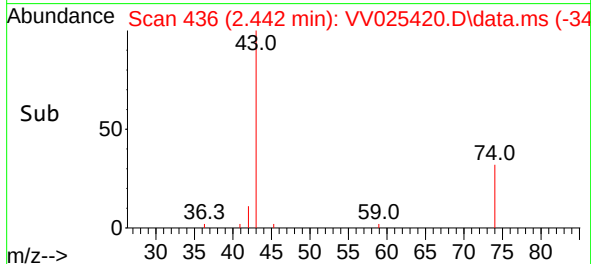
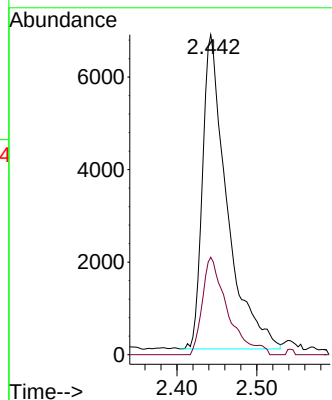
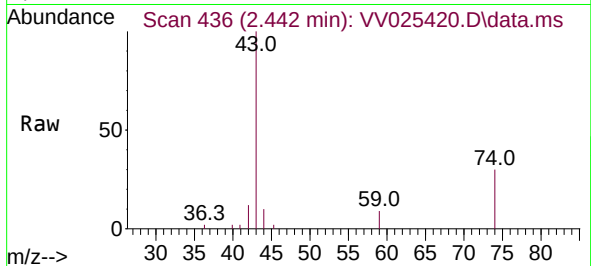




#15
Methyl Acetate
Concen: 5.719 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

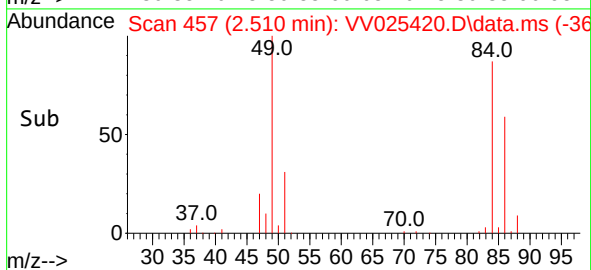
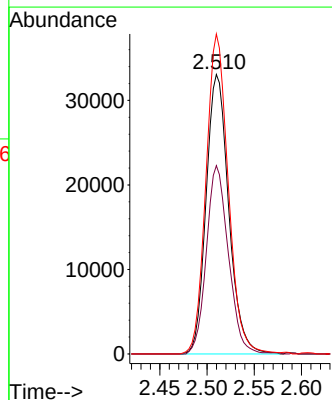
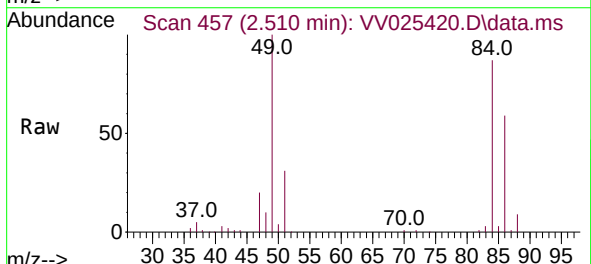
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

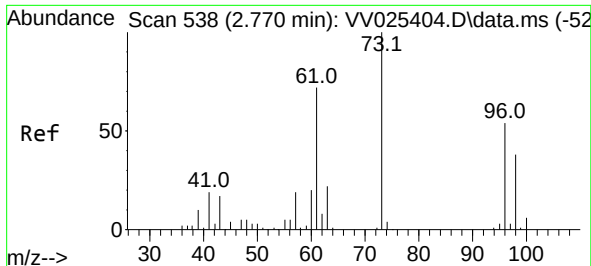
Tgt Ion: 43 Resp: 14455
Ion Ratio Lower Upper
43 100
74 31.6 25.2 37.8



#16
Methylene chloride
Concen: 4.416 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 84 Resp: 55024
Ion Ratio Lower Upper
84 100
86 67.4 45.9 85.3
49 114.5 76.6 142.3





#17

Methyl tert-butyl Ether

Concen: 5.235 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

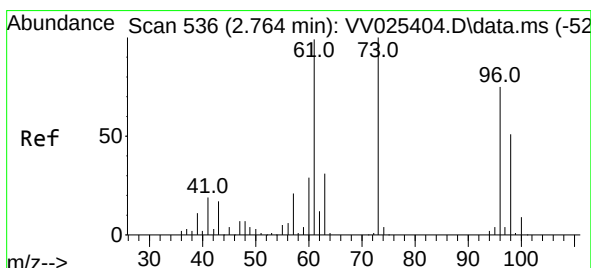
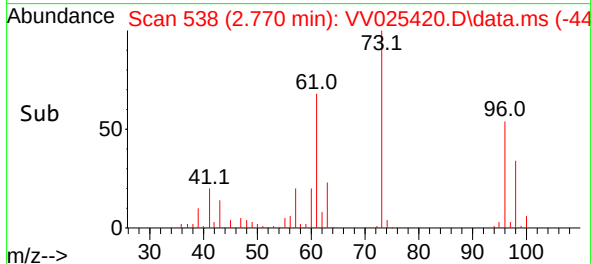
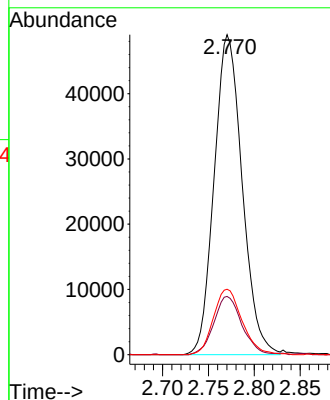
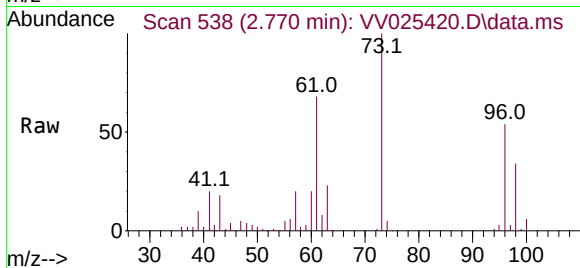
Tgt Ion: 73 Resp: 104095

Ion Ratio Lower Upper

73 100

43 18.2 14.2 21.4

57 21.0 16.1 24.1



#18

trans-1,2-Dichloroethene

Concen: 4.854 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

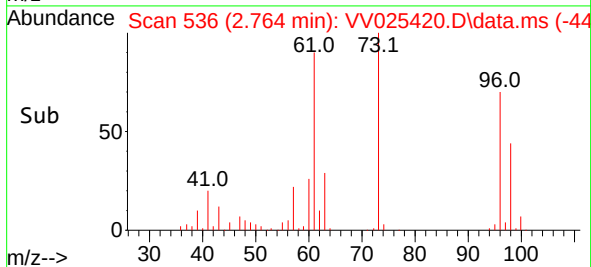
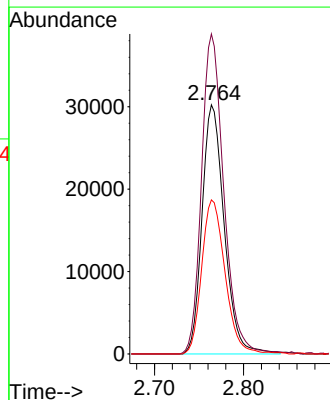
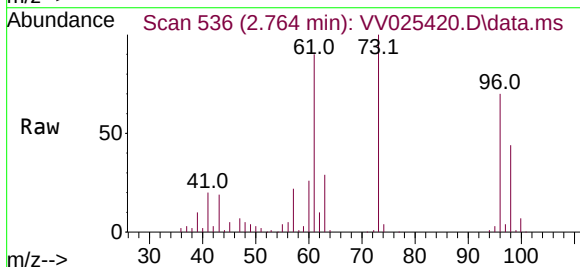
Tgt Ion: 96 Resp: 52275

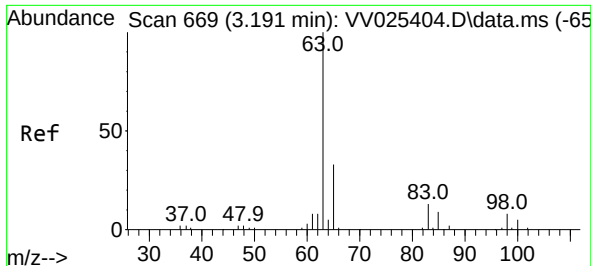
Ion Ratio Lower Upper

96 100

61 128.5 92.1 171.1

98 61.8 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.055 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

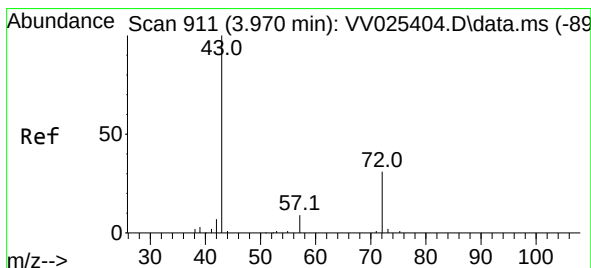
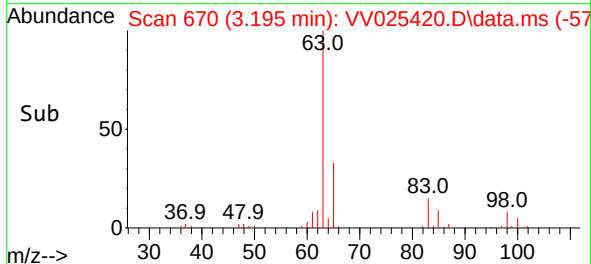
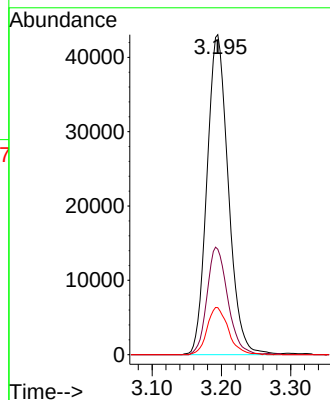
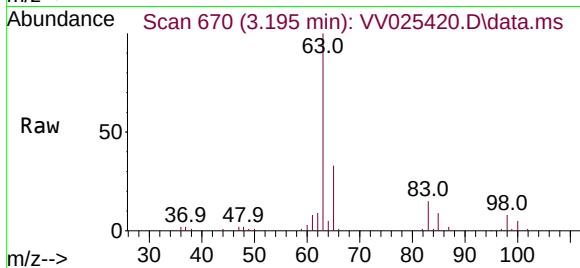
Tgt Ion: 63 Resp: 92208

Ion Ratio Lower Upper

63 100

65 33.0 23.2 43.0

83 14.7 9.0 16.8



#21

2-Butanone

Concen: 56.864 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV025420.D

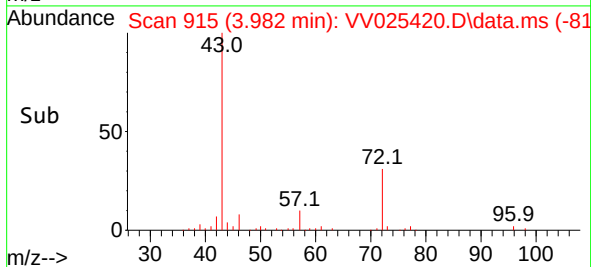
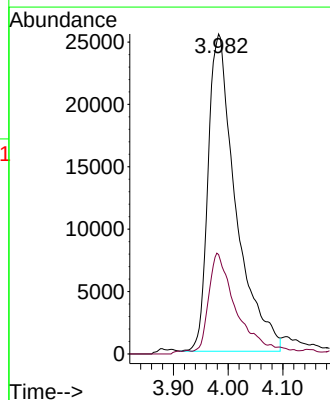
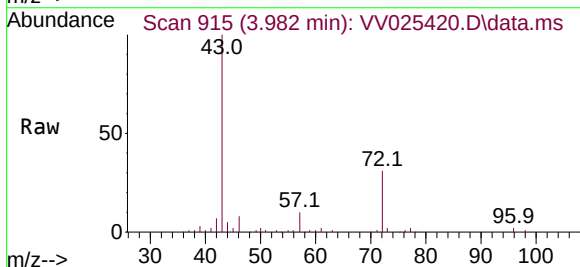
Acq: 08 Apr 2022 19:07

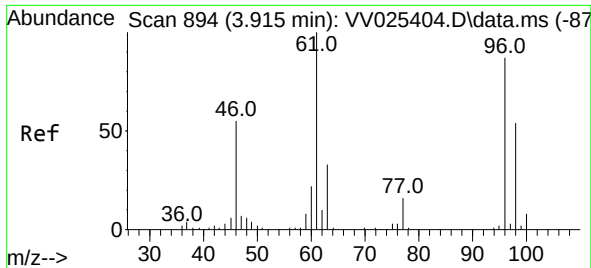
Tgt Ion: 43 Resp: 89365

Ion Ratio Lower Upper

43 100

72 28.6 15.2 45.6

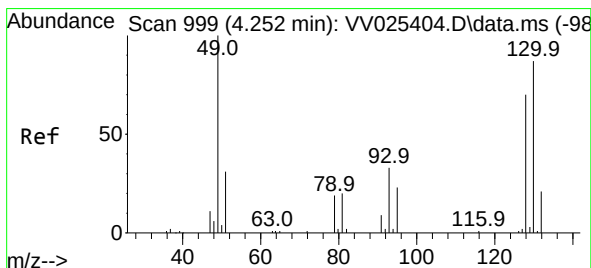
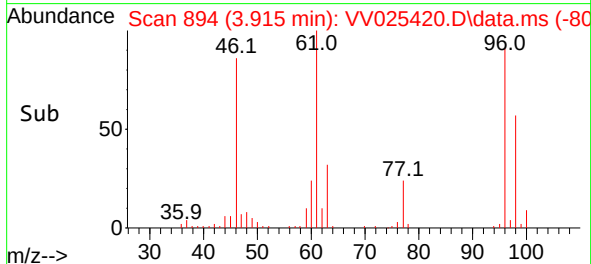
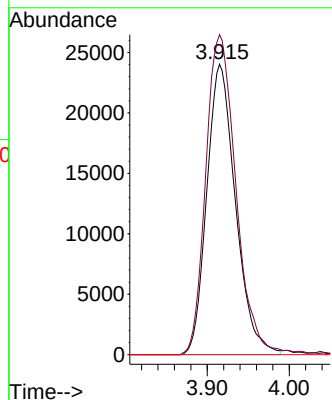
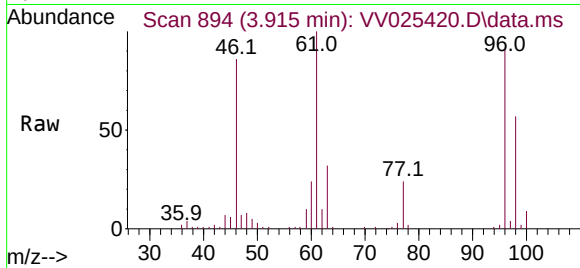




#22
 cis-1,2-Dichloroethene
 Concen: 5.157 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

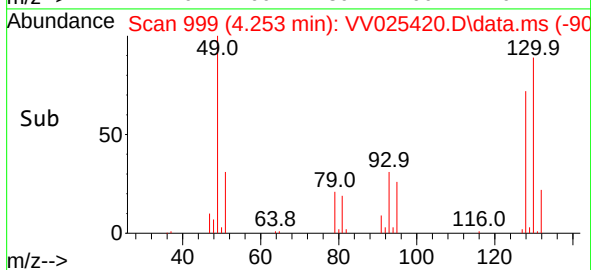
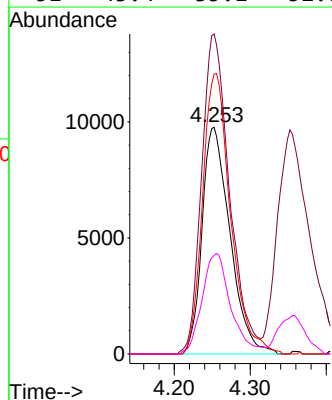
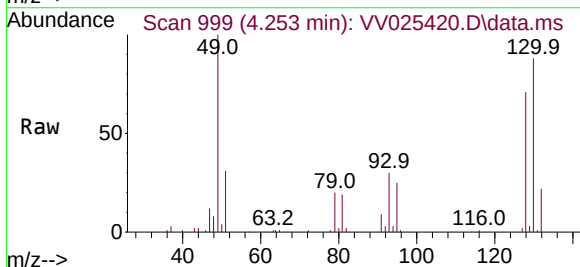
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

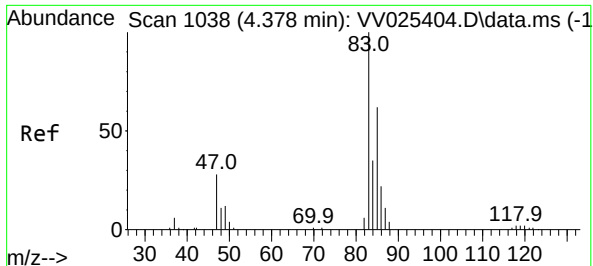
Tgt Ion: 96 Resp: 58466
 Ion Ratio Lower Upper
 96 100
 61 110.2 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.293 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion: 128 Resp: 24915
 Ion Ratio Lower Upper
 128 100
 49 141.2 100.5 186.7
 130 123.5 87.8 163.0
 51 43.4 35.1 52.7





#25

Chloroform

Concen: 5.201 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

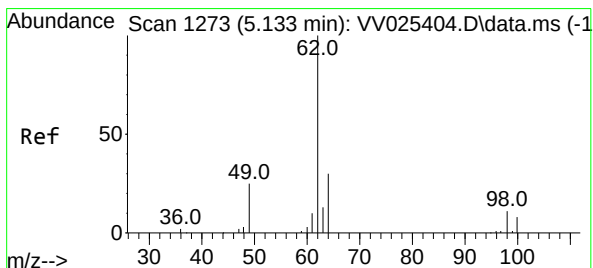
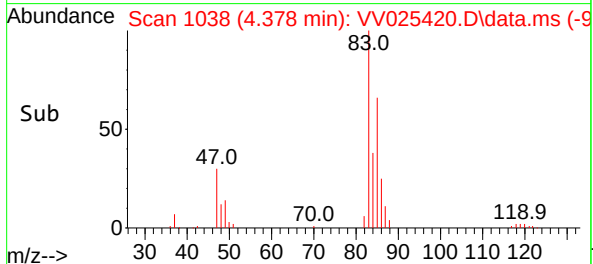
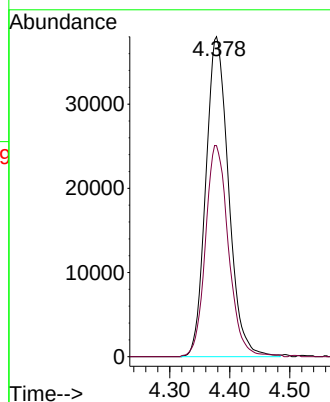
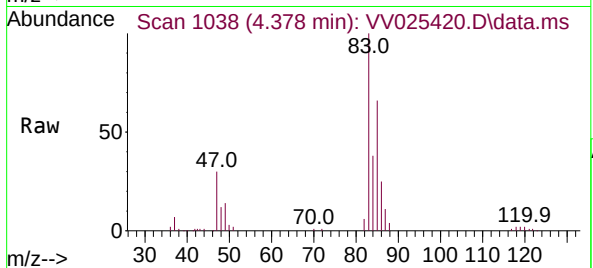
VSTD005302

Tgt Ion: 83 Resp: 100140

Ion Ratio Lower Upper

83 100

85 65.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.270 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV025420.D

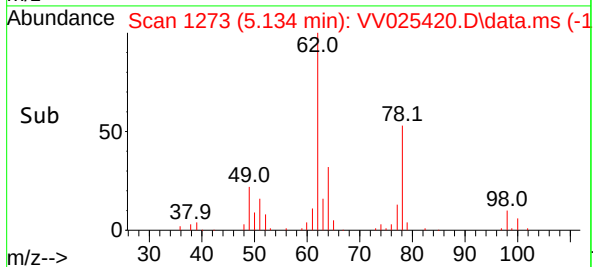
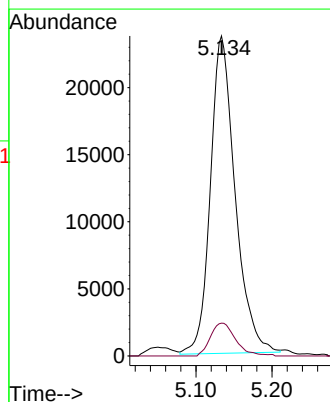
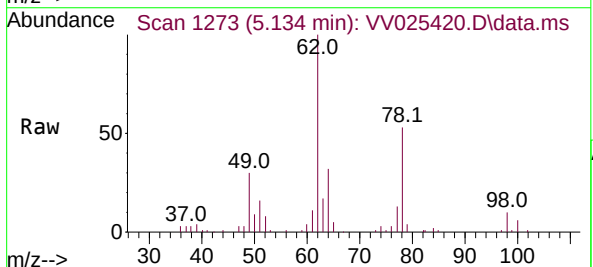
Acq: 08 Apr 2022 19:07

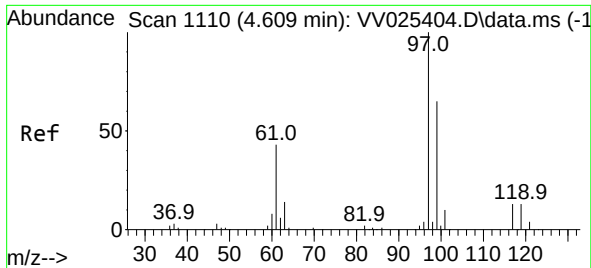
Tgt Ion: 62 Resp: 53532

Ion Ratio Lower Upper

62 100

98 10.3 8.8 13.2

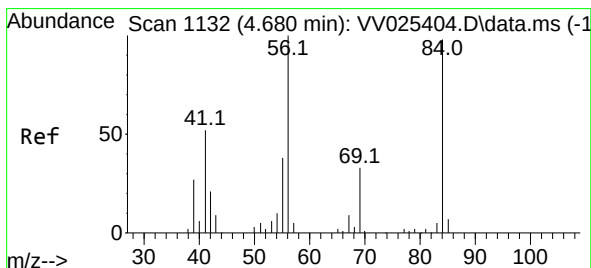
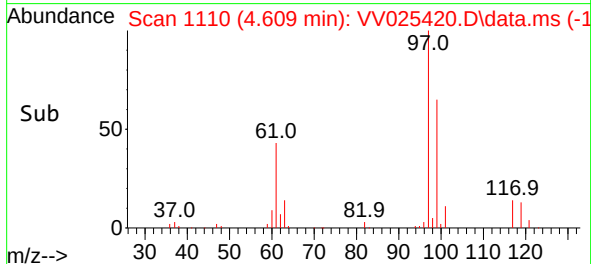
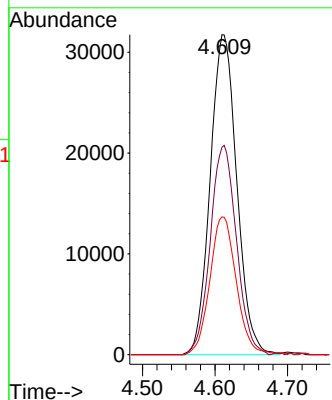
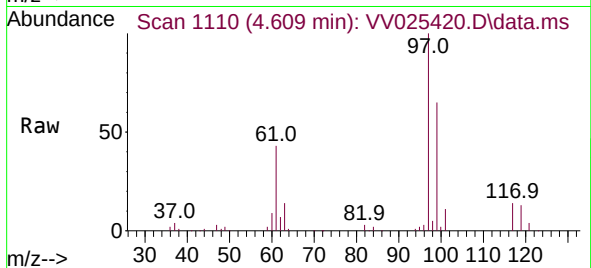




#29
1,1,1-Trichloroethane
Concen: 4.699 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

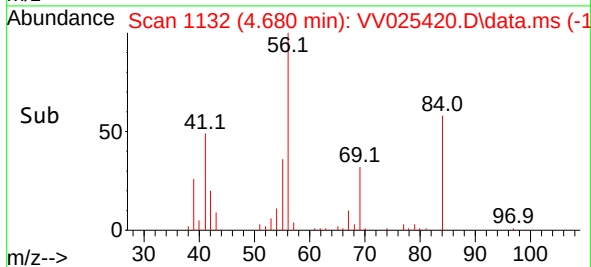
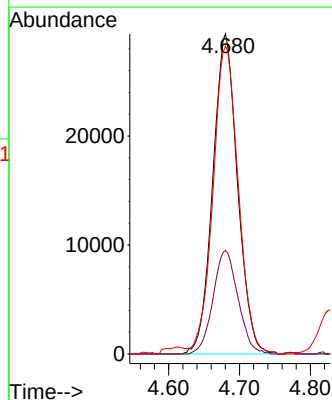
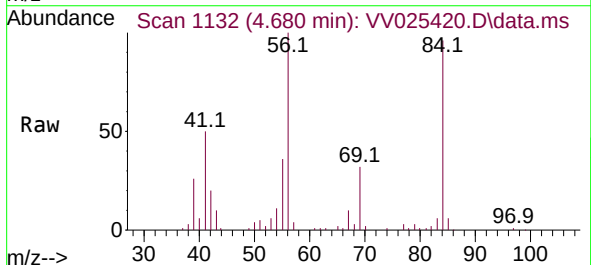
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

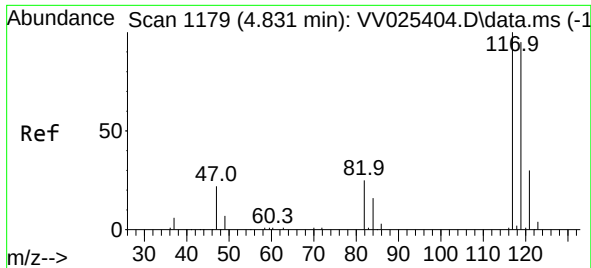
Tgt Ion: 97	Resp: 80992
Ion Ratio	Lower Upper
97 100	
99 64.5	51.5 77.3
61 42.7	34.3 51.5



#30
Cyclohexane
Concen: 4.547 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 56	Resp: 71252
Ion Ratio	Lower Upper
56 100	
69 32.6	26.1 39.1
84 98.5	78.6 118.0

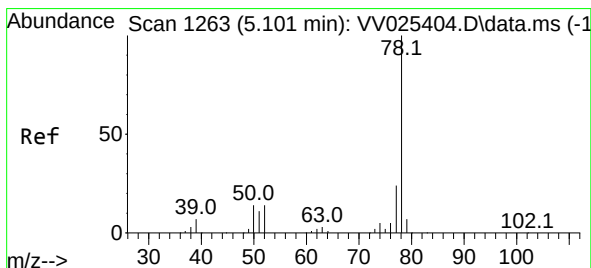
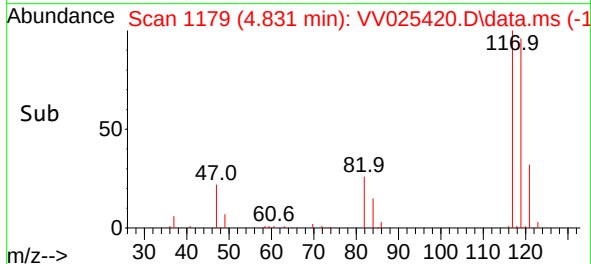
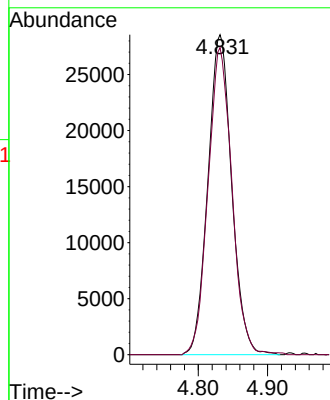
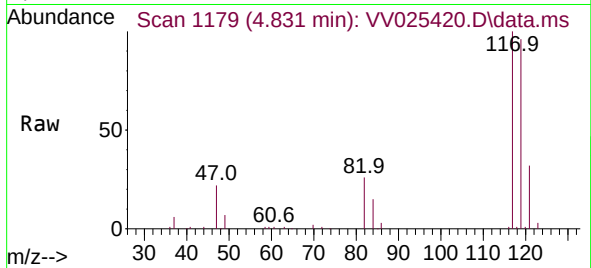




#31
Carbon tetrachloride
Concen: 4.669 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

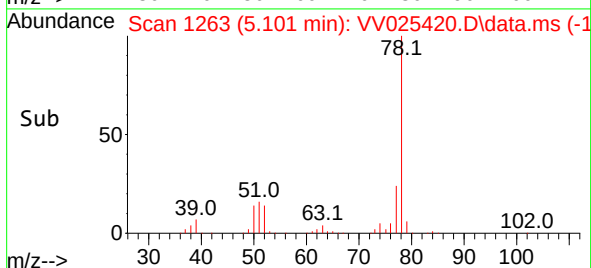
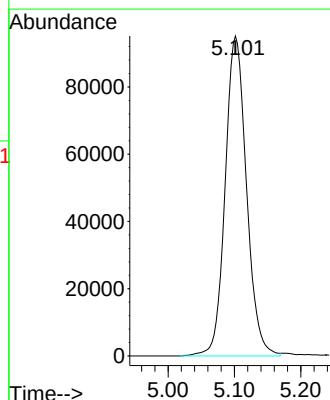
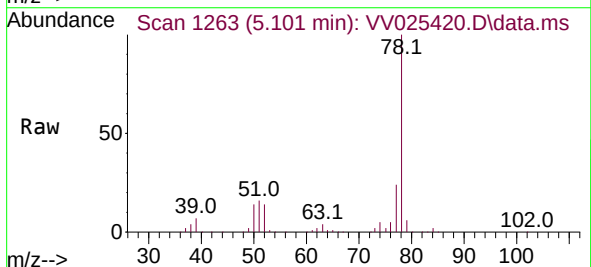
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

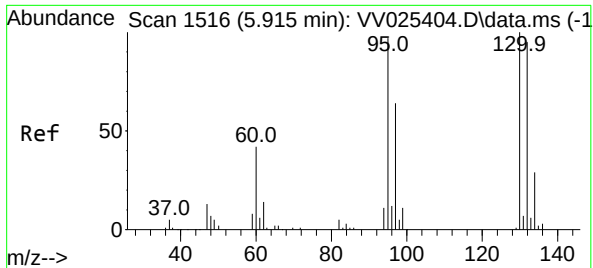
Tgt Ion:117 Resp: 68063
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 4.927 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 78 Resp: 212699



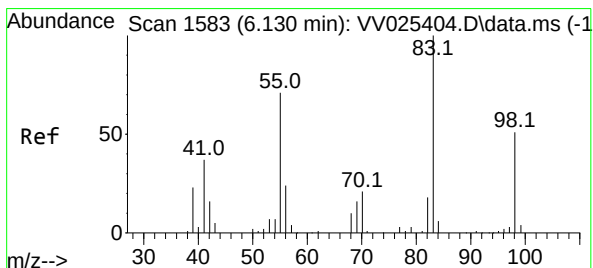
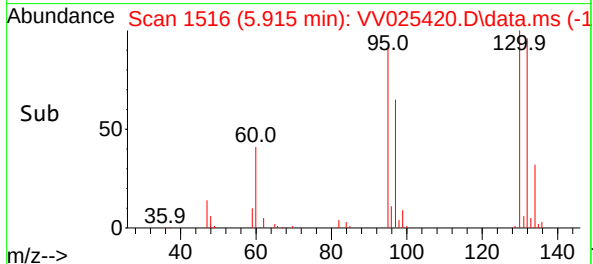
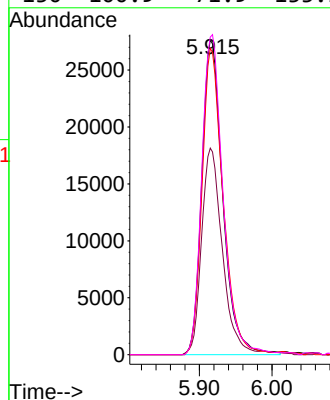
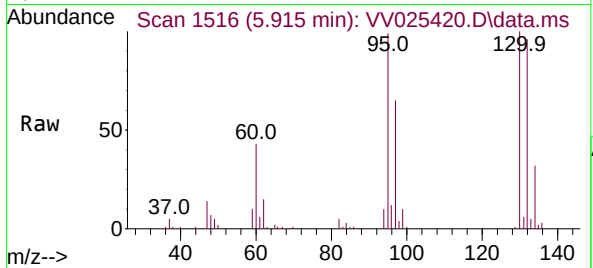


#34
Trichloroethene
Concen: 4.864 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion: 95 Resp: 55756

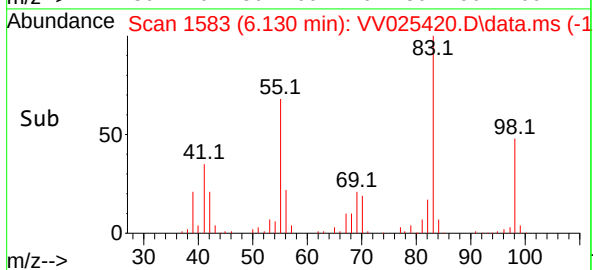
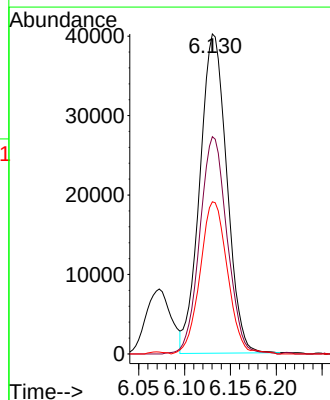
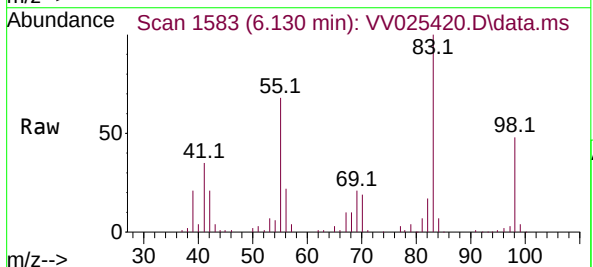
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.2
132	97.3	68.0	126.4
130	100.9	71.9	133.5

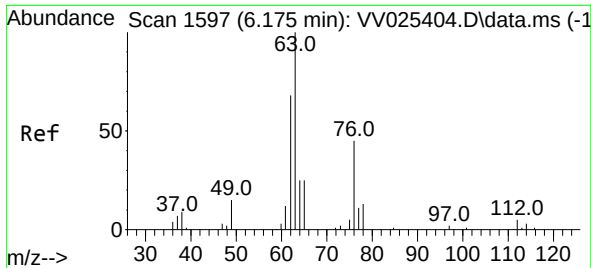


#35
Methylcyclohexane
Concen: 4.495 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 83 Resp: 82211

Ion	Ratio	Lower	Upper
83	100		
55	69.1	53.7	80.5
98	48.4	39.6	59.4

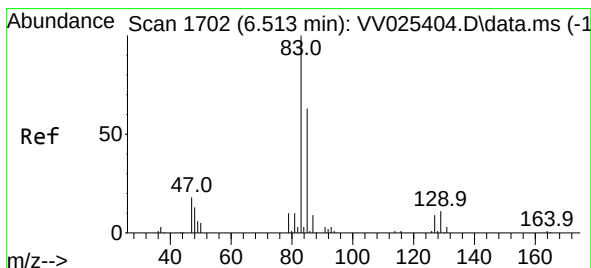
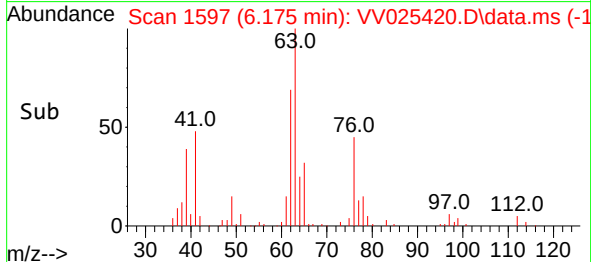
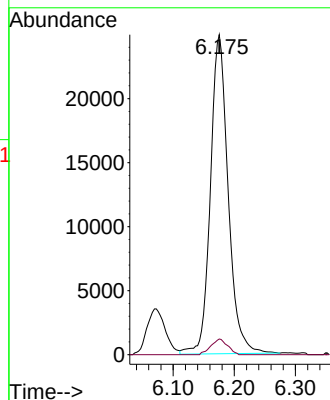
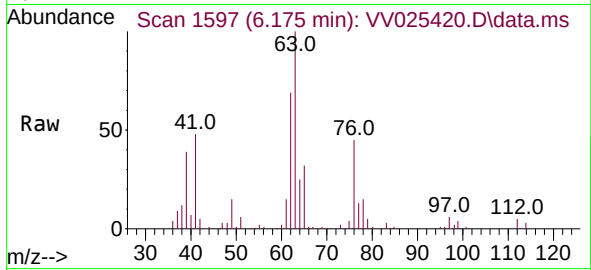




#37
1,2-Dichloropropane
Concen: 5.038 ug/L
RT: 6.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

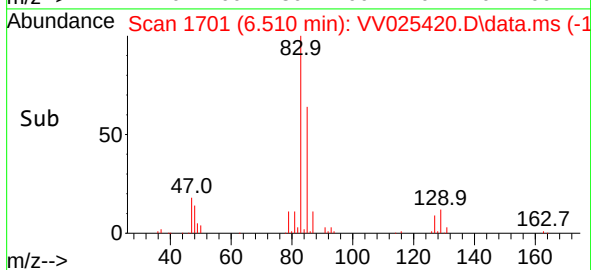
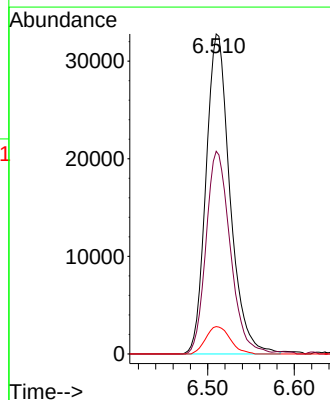
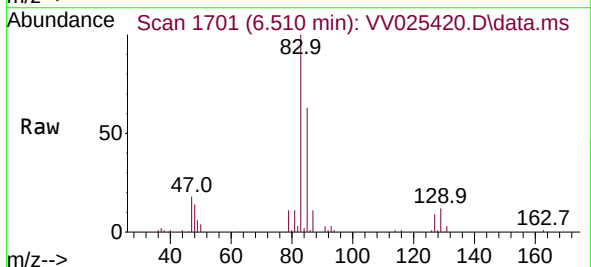
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

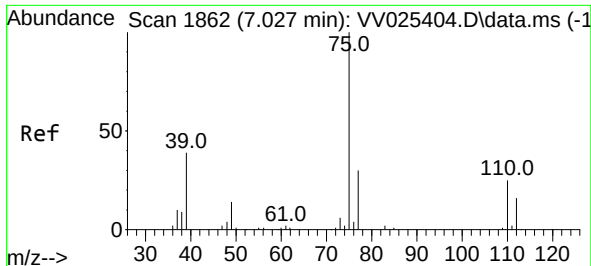
Tgt Ion: 63 Resp: 50310
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 5.089 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 83 Resp: 63095
Ion Ratio Lower Upper
83 100
85 63.3 44.4 82.4
127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.123 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

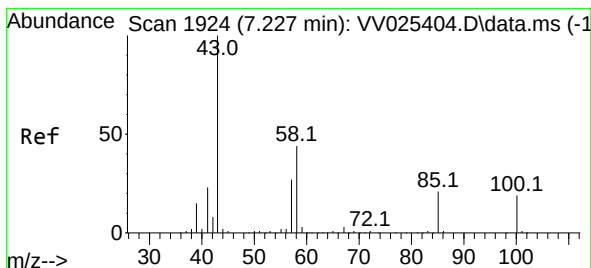
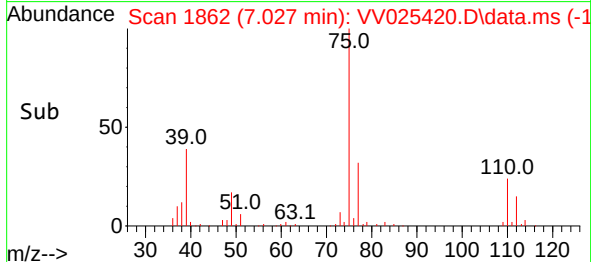
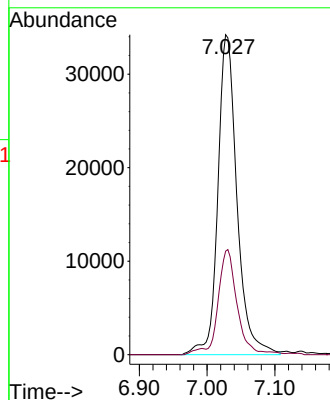
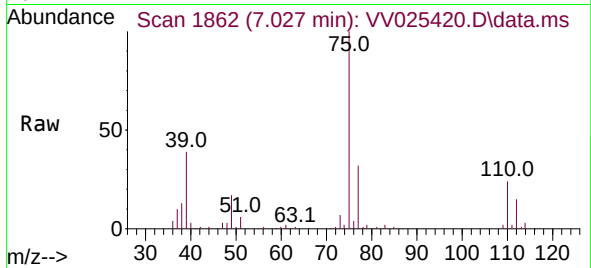
VSTD005302

Tgt Ion: 75 Resp: 67051

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.679 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

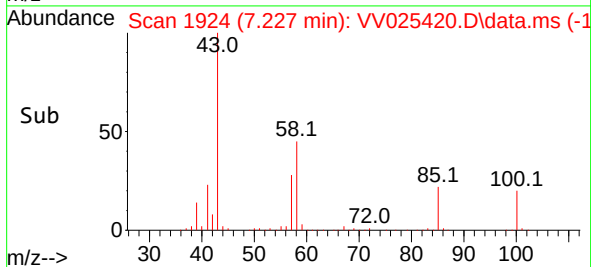
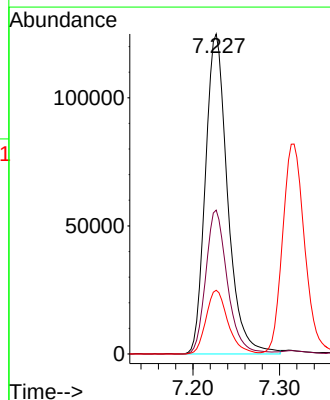
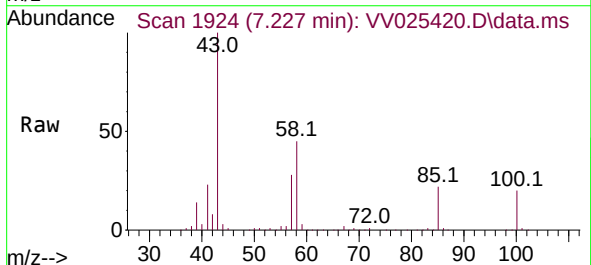
Tgt Ion: 43 Resp: 222645

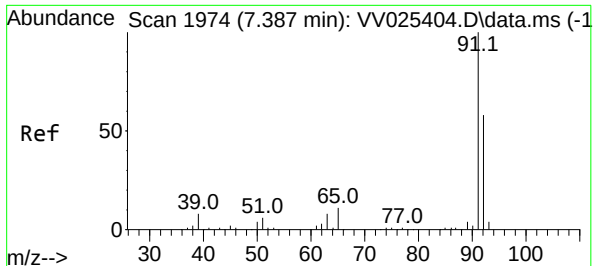
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 19.6 15.3 22.9





#42

Toluene

Concen: 4.853 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

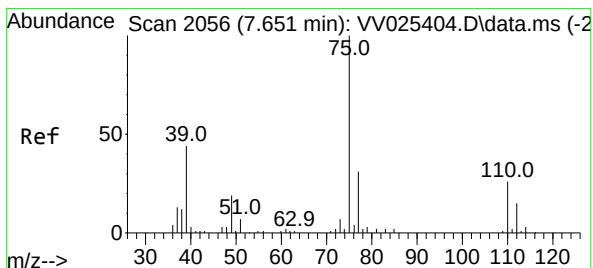
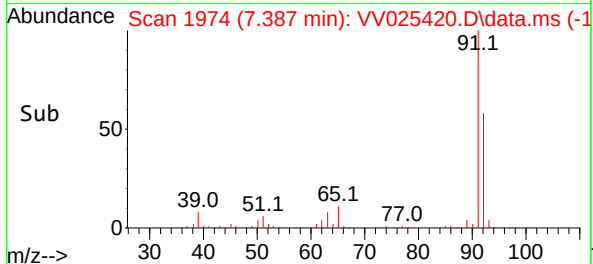
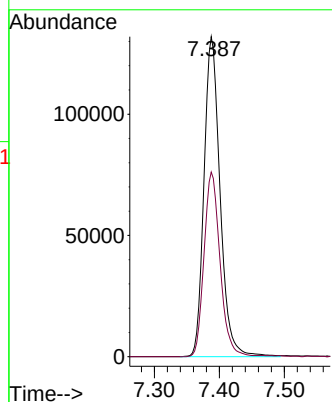
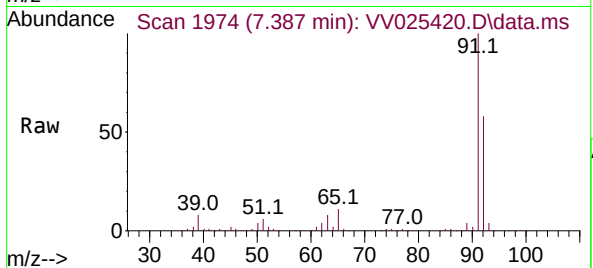
VSTD005302

Tgt Ion: 91 Resp: 227869

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.109 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025420.D

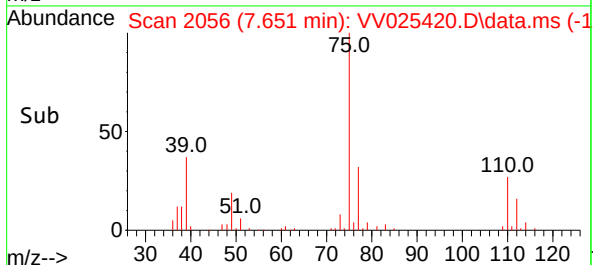
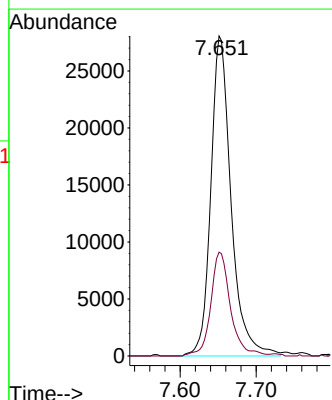
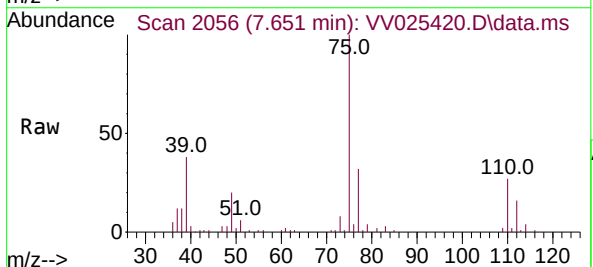
Acq: 08 Apr 2022 19:07

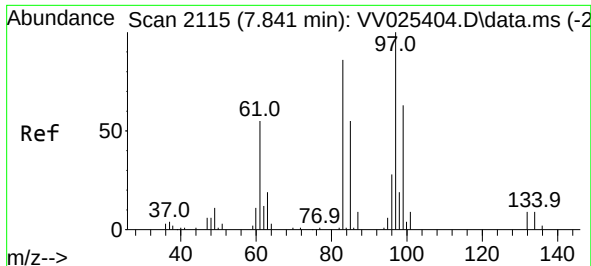
Tgt Ion: 75 Resp: 51953

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3

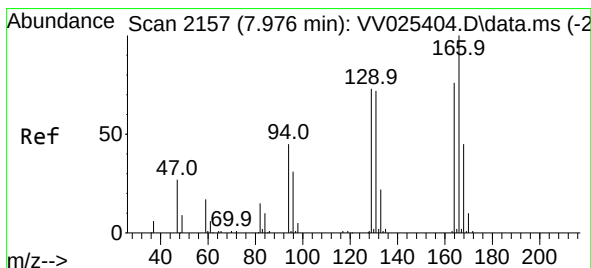
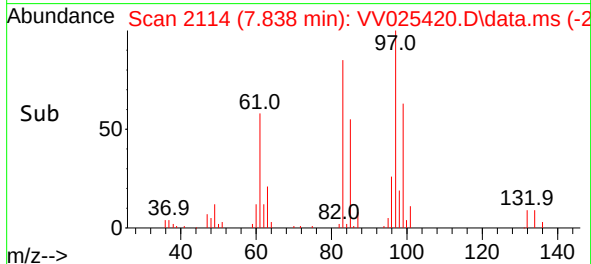
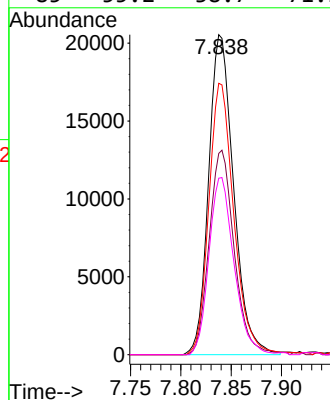
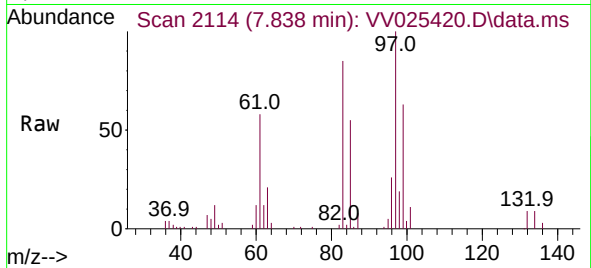




#45
1,1,2-Trichloroethane
Concen: 5.304 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

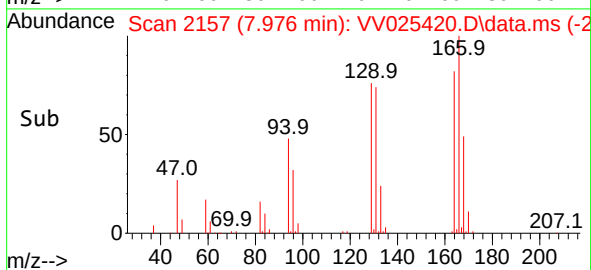
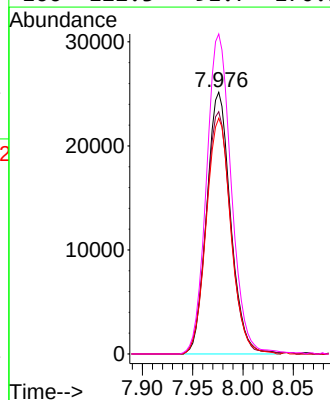
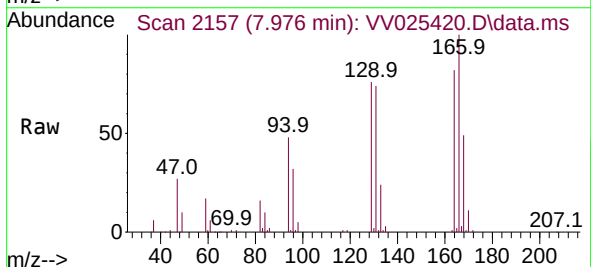
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

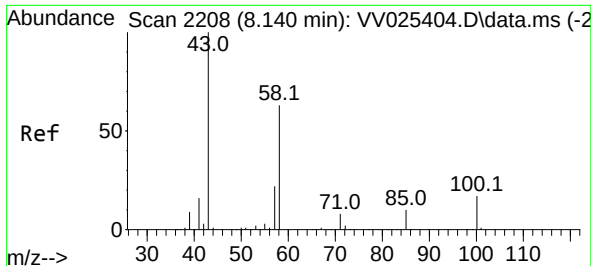
Tgt Ion: 97	Resp: 35473
Ion Ratio	Lower Upper
97 100	
99 62.9	43.8 81.4
83 84.8	60.3 112.1
85 55.2	38.7 71.9



#47
Tetrachloroethene
Concen: 4.631 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt	Ion:164	Resp:	41556
Ion	Ratio	Lower	Upper
164	100		
129	92.5	66.8	124.2
131	90.0	66.4	123.4
166	122.3	91.7	170.3



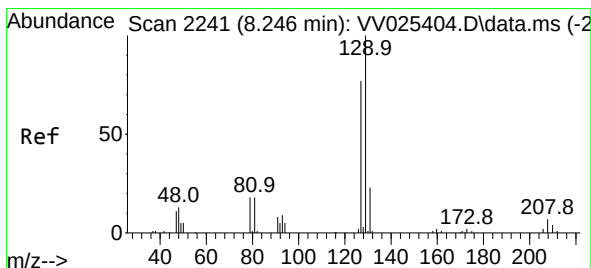
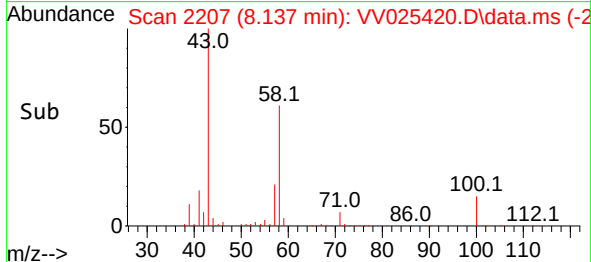
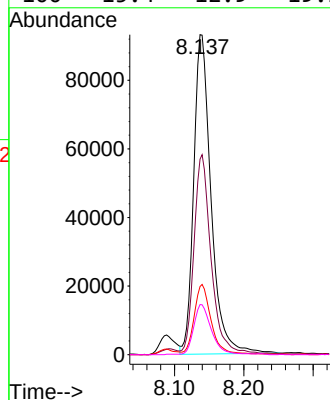
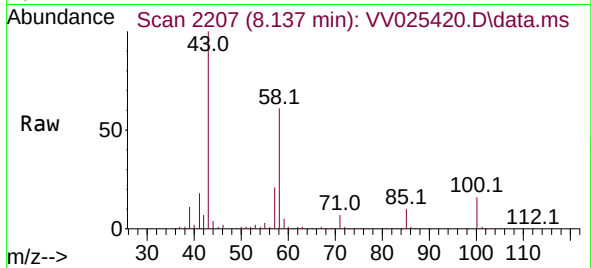


#48
2-Hexanone
Concen: 58.486 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion: 43 Resp: 162984

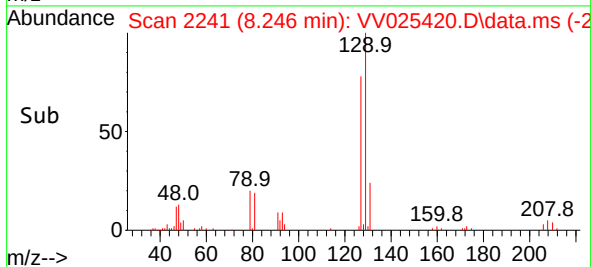
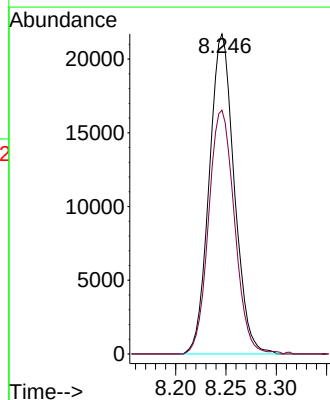
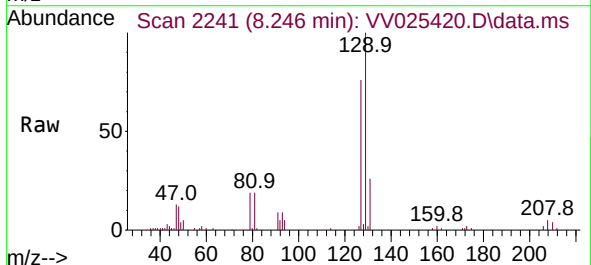
Ion	Ratio	Lower	Upper
43	100		
58	60.6	49.7	74.5
57	21.5	16.4	24.6
100	15.4	12.9	19.3

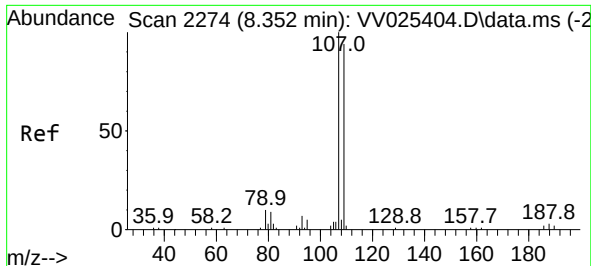


#49
Dibromochloromethane
Concen: 5.115 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 129 Resp: 37557

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.130 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

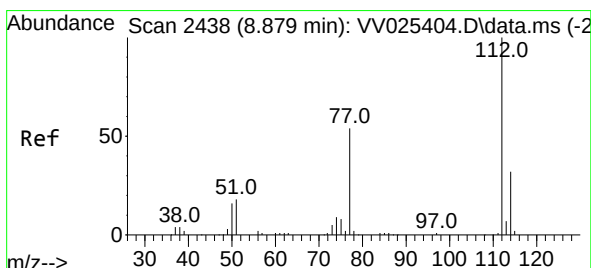
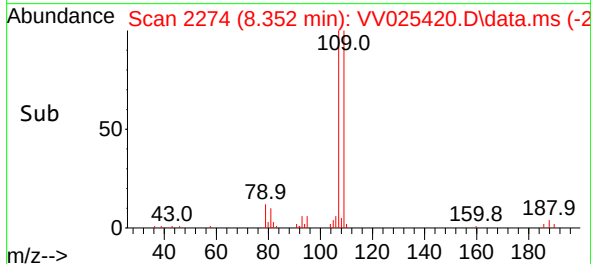
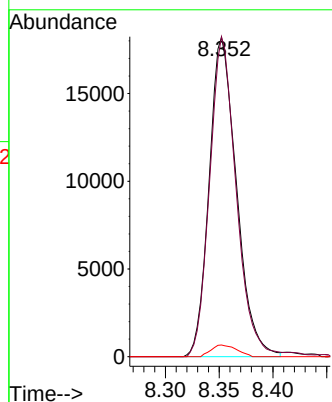
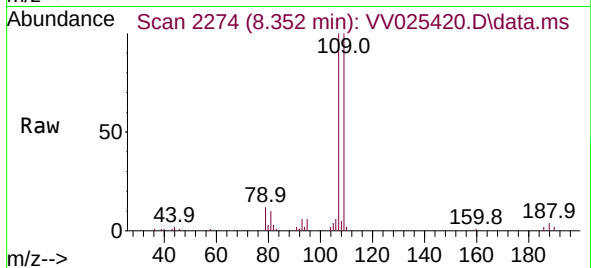
Tgt Ion:107 Resp: 32224

Ion Ratio Lower Upper

107 100

109 100.2 65.9 122.3

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 4.780 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

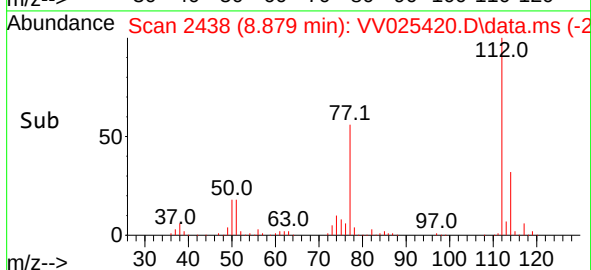
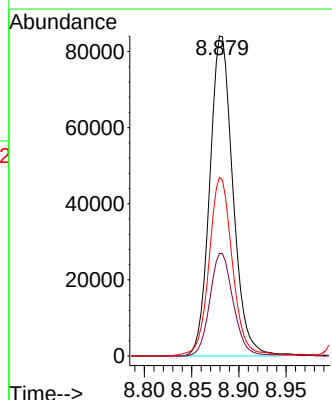
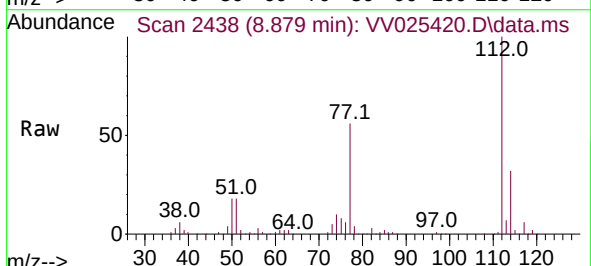
Tgt Ion:112 Resp: 143310

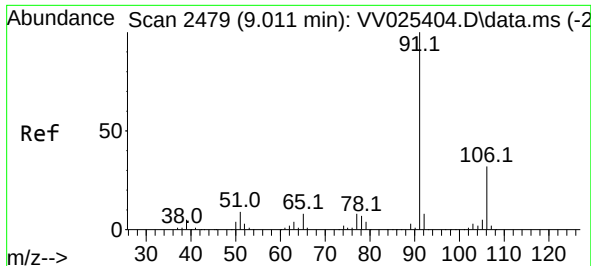
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 55.9 43.7 65.5

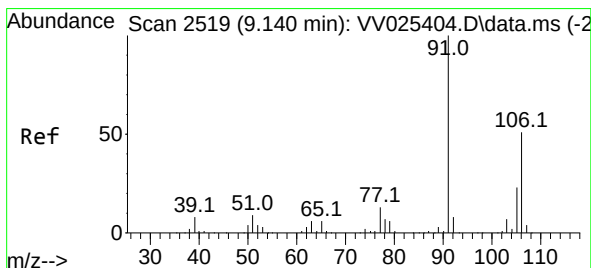
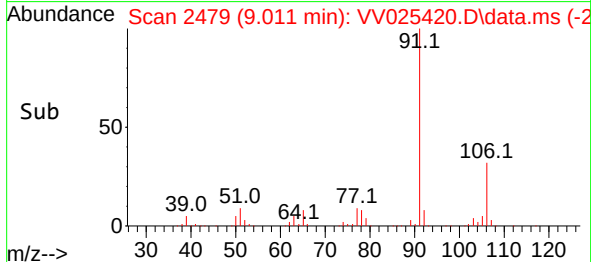
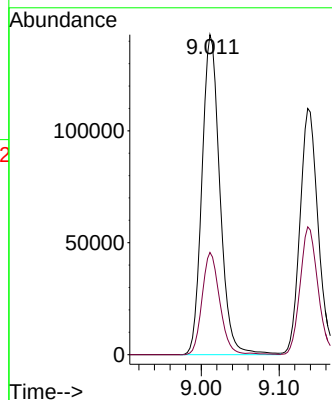
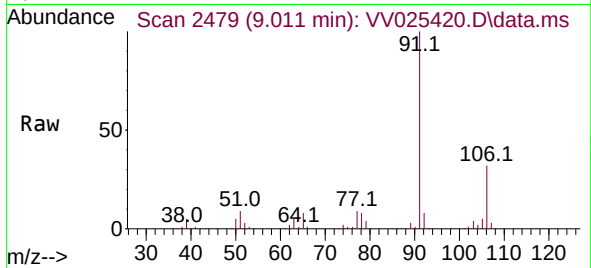




#52
Ethylbenzene
Concen: 4.566 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

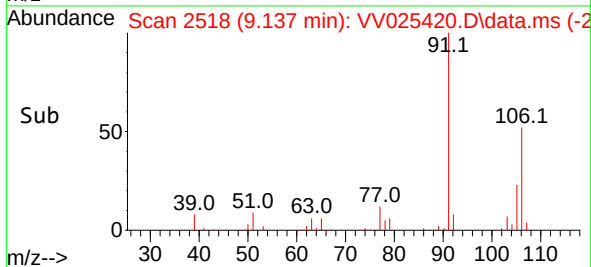
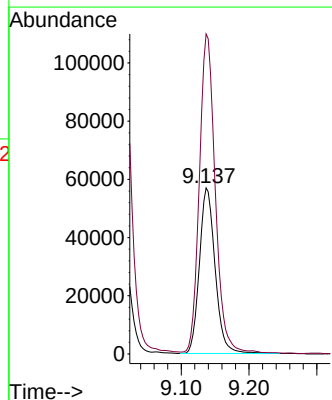
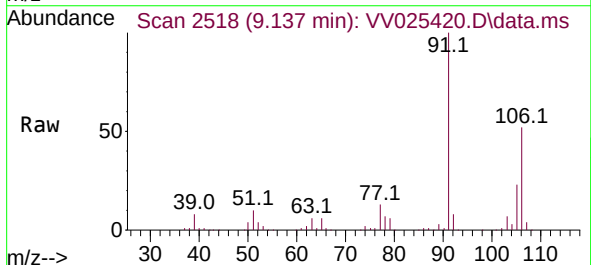
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

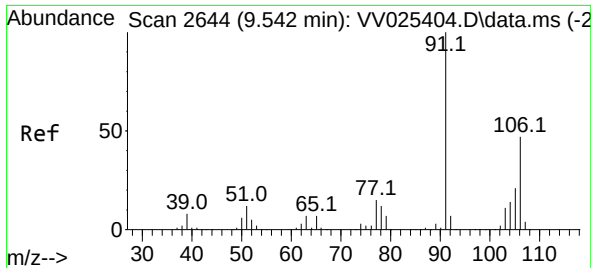
Tgt Ion: 91 Resp: 228682
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 4.805 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 106 Resp: 91498
Ion Ratio Lower Upper
106 100
91 192.6 136.4 253.4

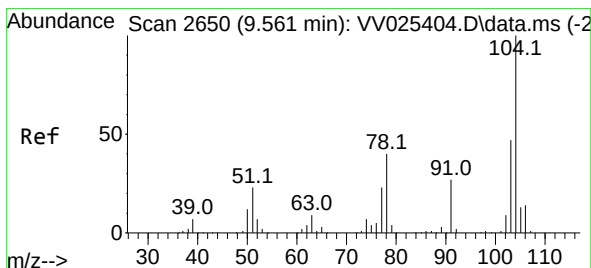
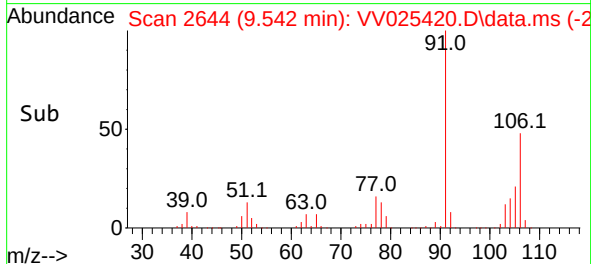
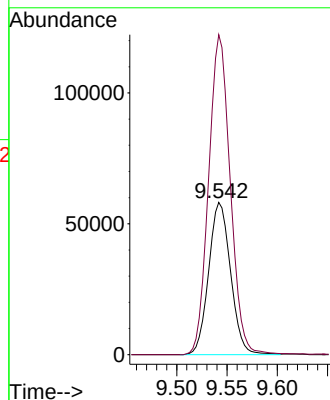
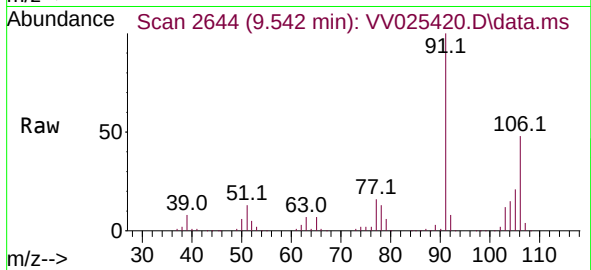




#54
o-Xylene
Concen: 4.778 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

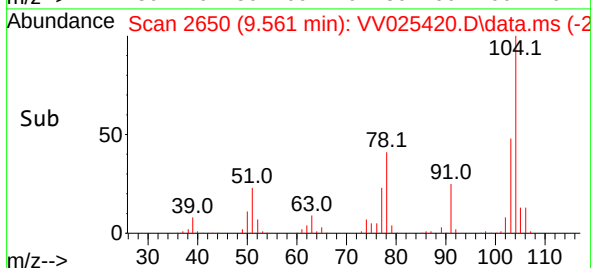
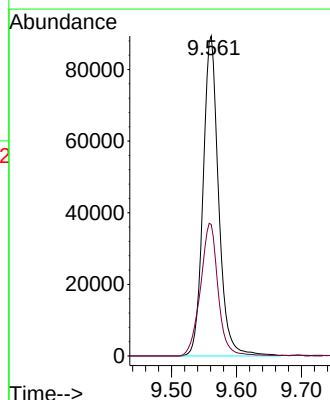
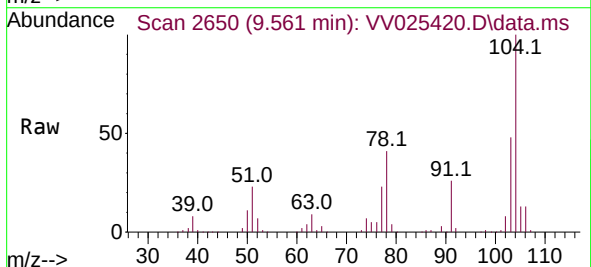
Instrument : MSVOA_V
ClientSampleId : VSTD005302

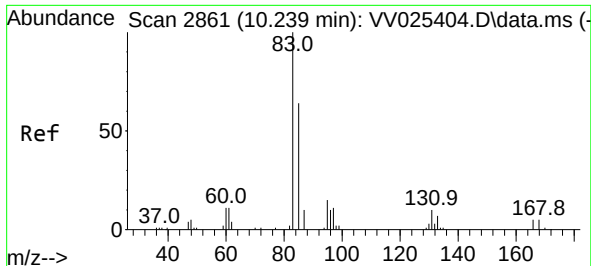
Tgt Ion:106 Resp: 88361
Ion Ratio Lower Upper
106 100
91 210.1 150.4 279.2



#55
Styrene
Concen: 4.956 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion:104 Resp: 149038
Ion Ratio Lower Upper
104 100
78 41.1 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.288 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

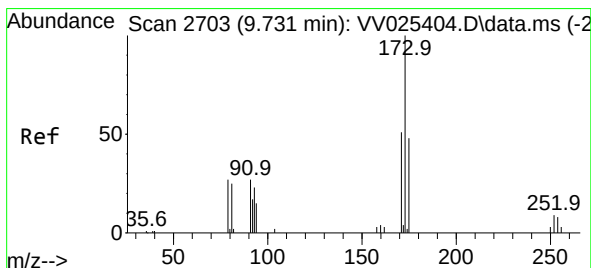
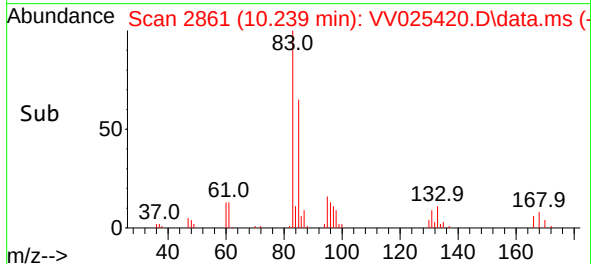
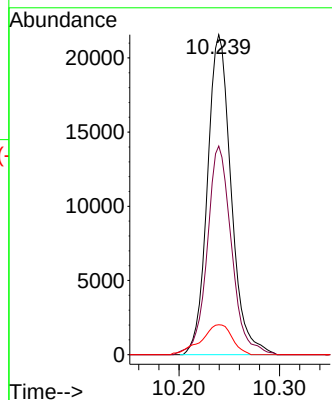
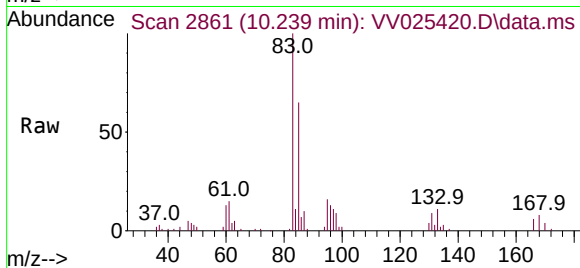
Tgt Ion: 83 Resp: 35338

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9

131 9.4 7.9 11.9



#59

Bromoform

Concen: 5.001 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

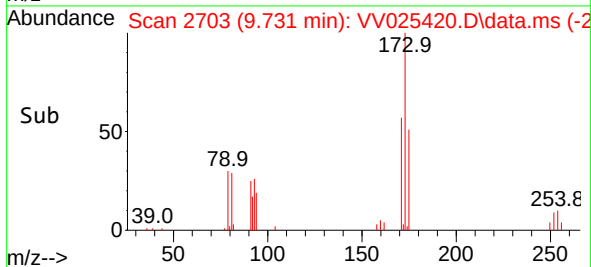
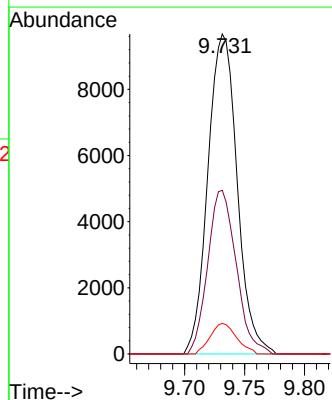
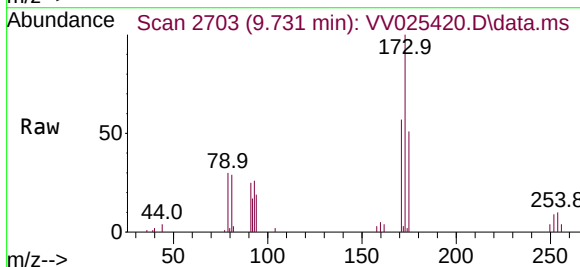
Tgt Ion: 173 Resp: 16413

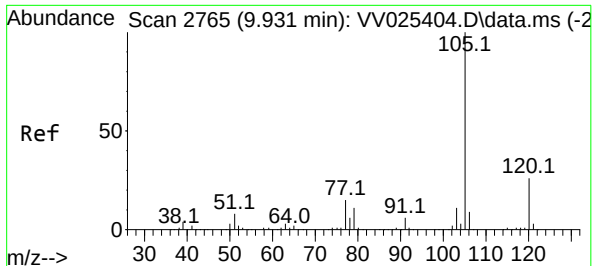
Ion Ratio Lower Upper

173 100

175 49.7 40.8 61.2

254 8.6 7.0 10.6

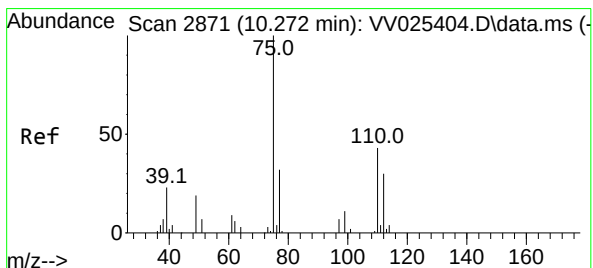
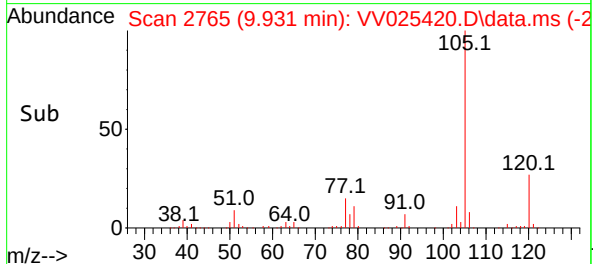
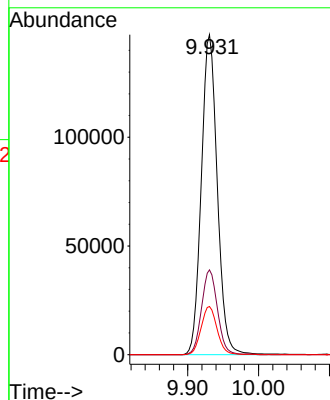
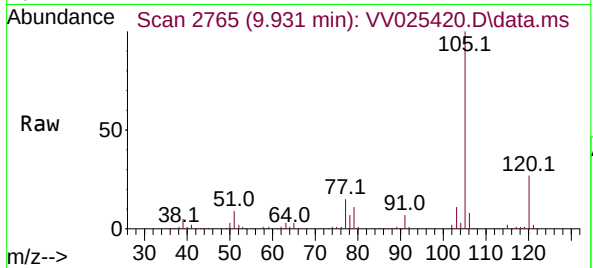




#60
Isopropylbenzene
Concen: 4.677 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

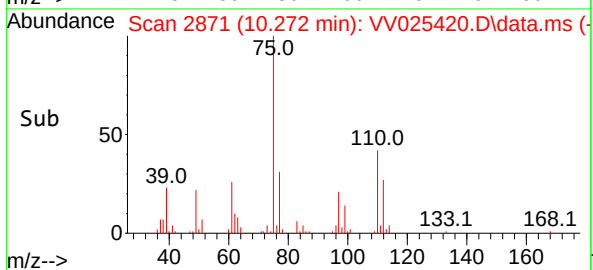
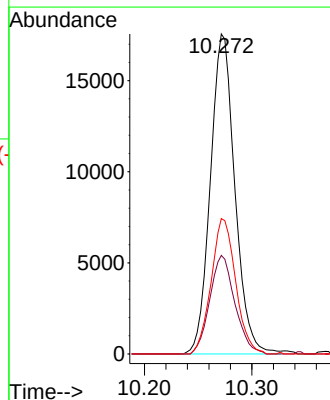
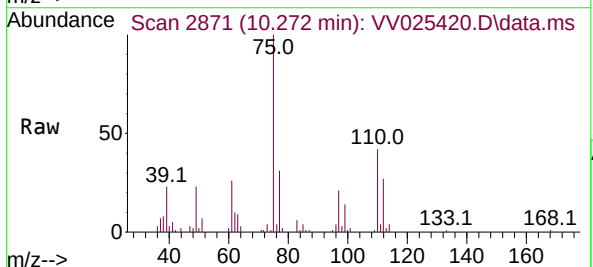
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

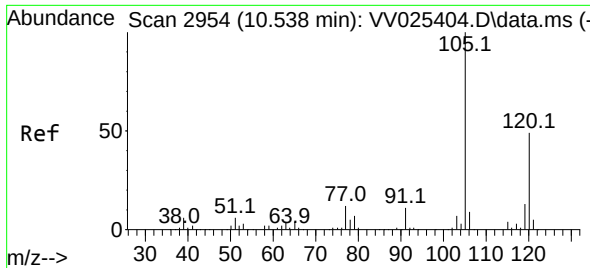
Tgt Ion:105 Resp: 230204
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.305 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion: 75 Resp: 27781
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
110 42.3 34.7 52.1

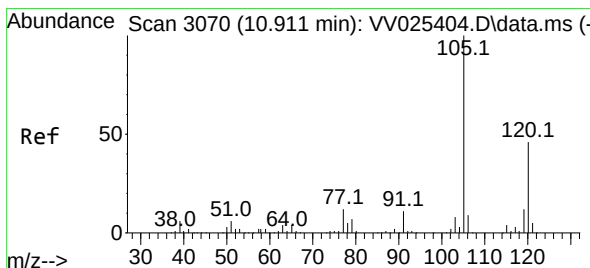
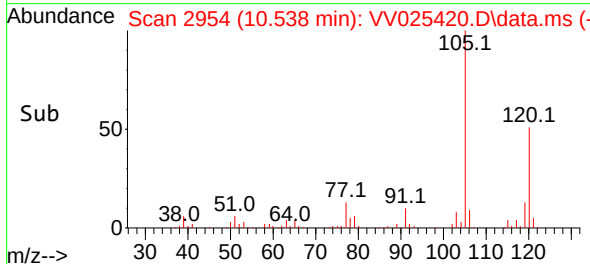
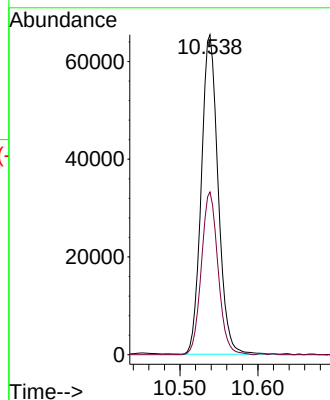
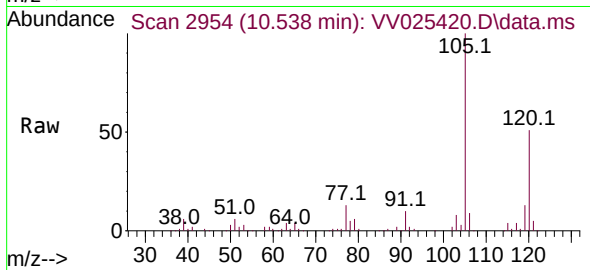




#62
 1,3,5-Trimethylbenzene
 Concen: 4.456 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

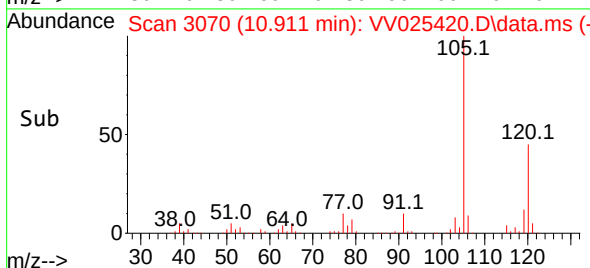
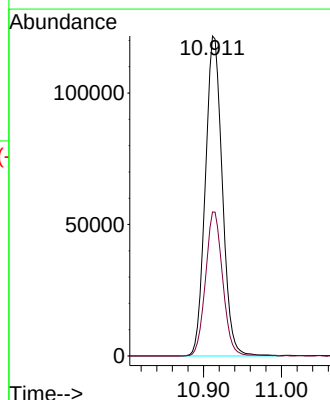
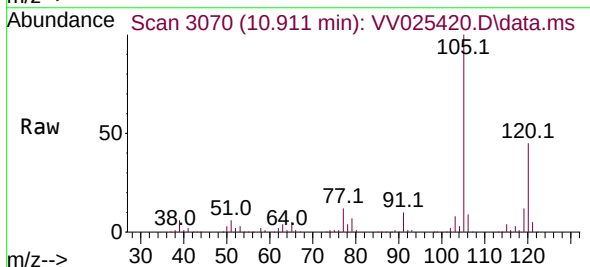
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

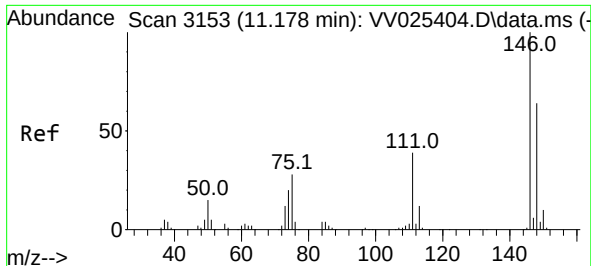
Tgt Ion:105 Resp: 97792
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.652 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion:105 Resp: 183947
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.6 55.0

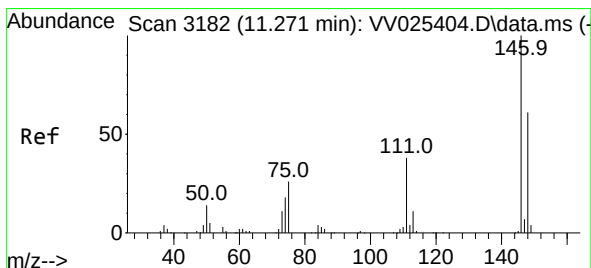
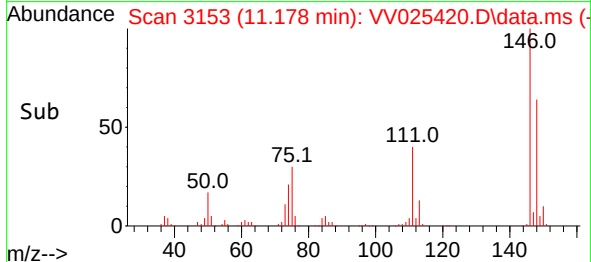
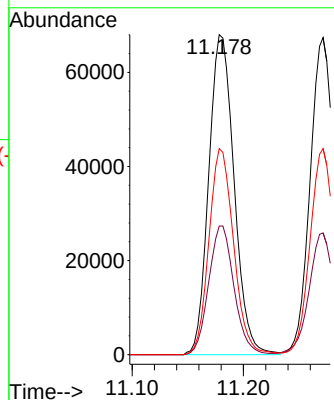
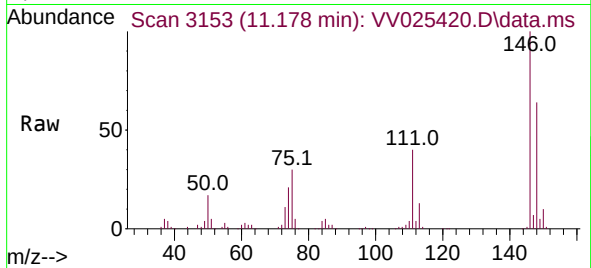




#64
1,3-Dichlorobenzene
Concen: 4.684 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

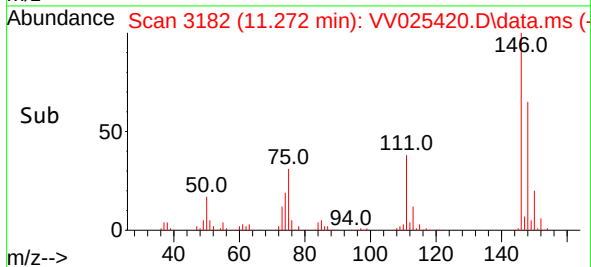
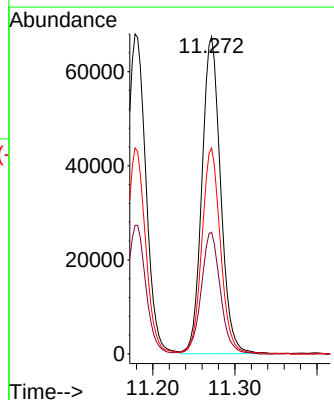
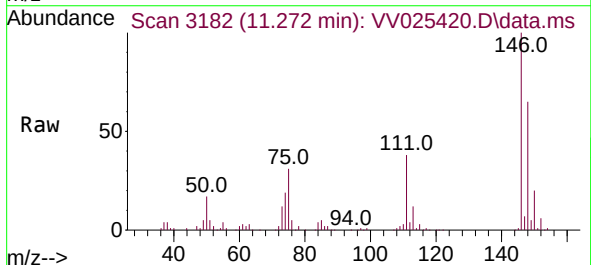
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

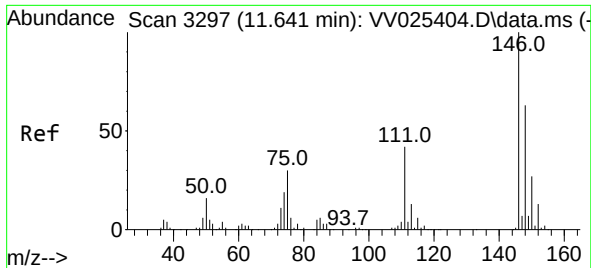
Tgt Ion:146 Resp: 107615
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.561 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion:146 Resp: 106354
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 65.0 42.8 79.6

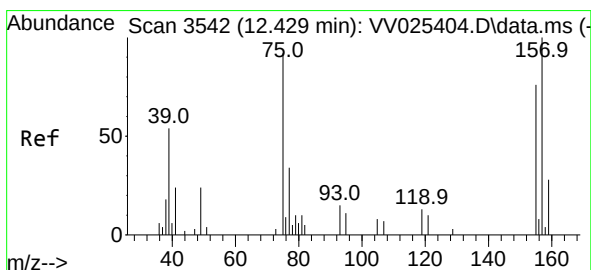
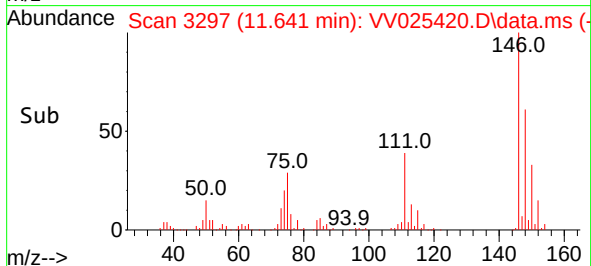
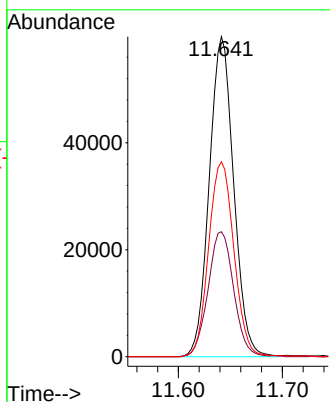
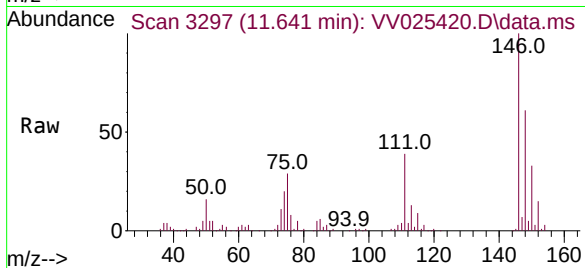




#67
 1,2-Dichlorobenzene
 Concen: 4.803 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

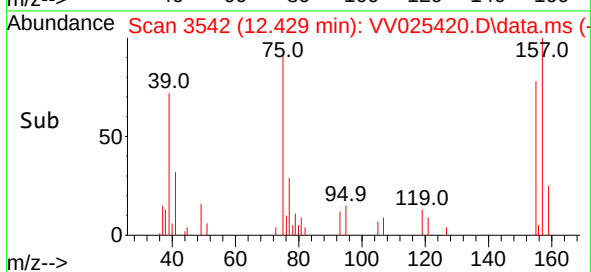
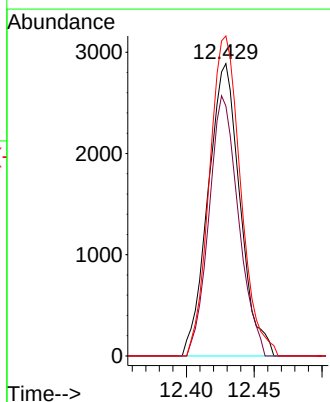
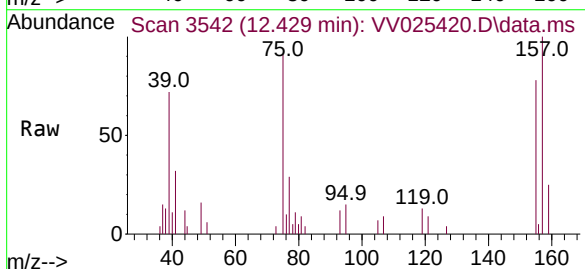
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

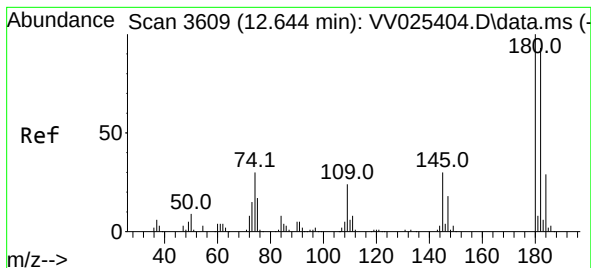
Tgt Ion:146 Resp: 97713
 Ion Ratio Lower Upper
 146 100
 111 39.1 33.6 50.4
 148 60.9 50.0 75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.224 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VV025420.D
 Acq: 08 Apr 2022 19:07

Tgt Ion: 75 Resp: 4730
 Ion Ratio Lower Upper
 75 100
 155 85.5 65.8 98.8
 157 109.5 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.521 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025420.D

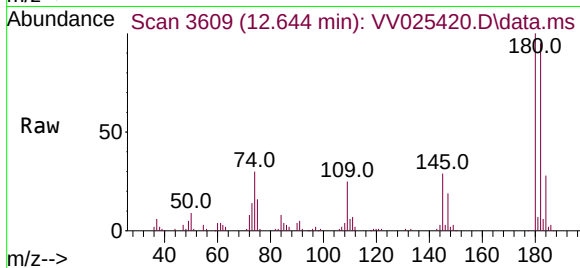
Acq: 08 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302



Tgt Ion:180 Resp: 79028

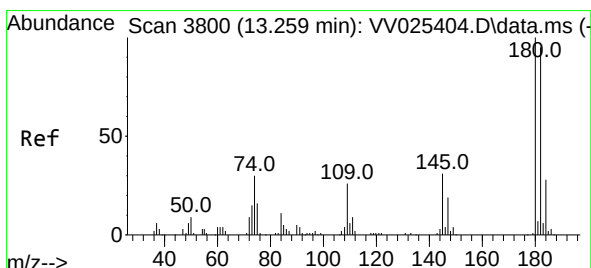
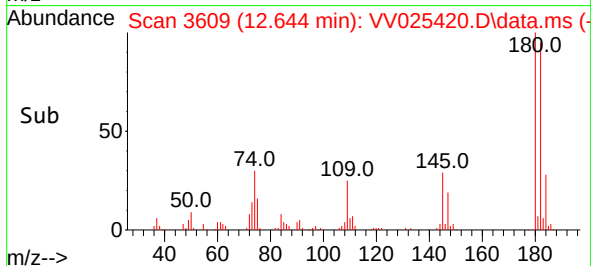
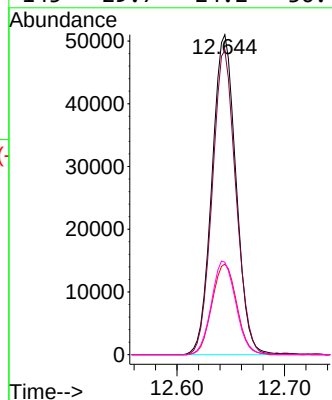
Ion Ratio Lower Upper

180 100

182 93.5 75.3 112.9

184 29.2 23.4 35.2

145 29.7 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.372 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025420.D

Acq: 08 Apr 2022 19:07

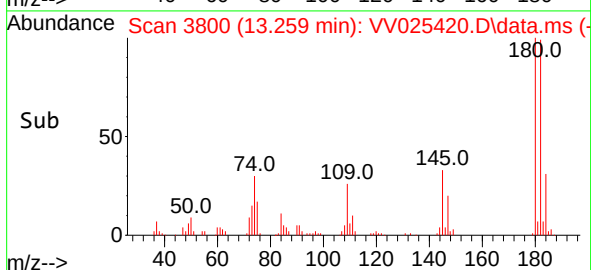
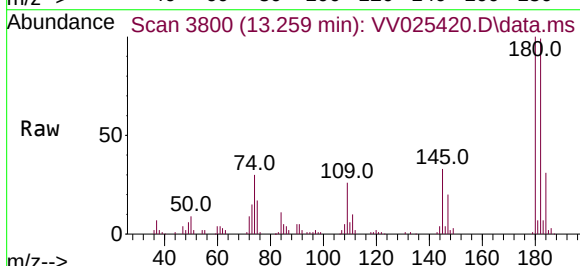
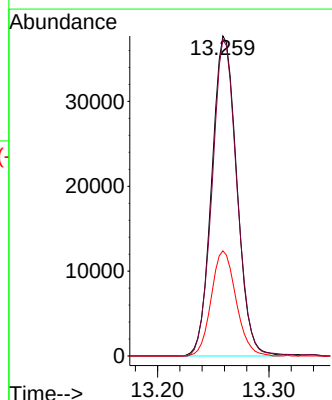
Tgt Ion:180 Resp: 58905

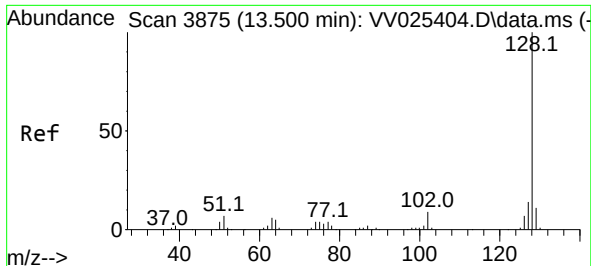
Ion Ratio Lower Upper

180 100

182 97.8 76.6 114.8

145 32.5 24.6 36.8

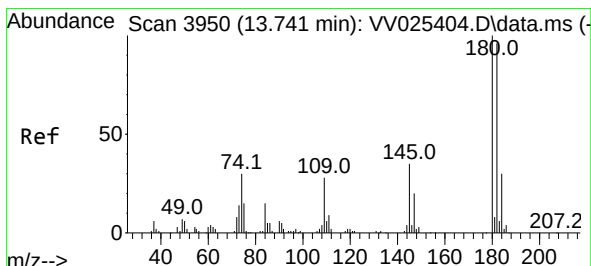
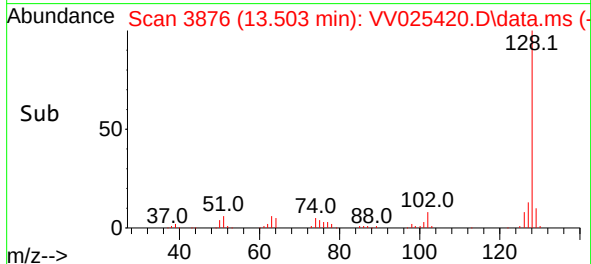
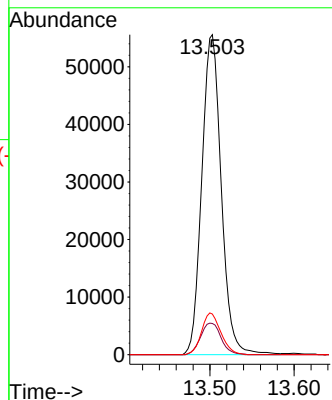
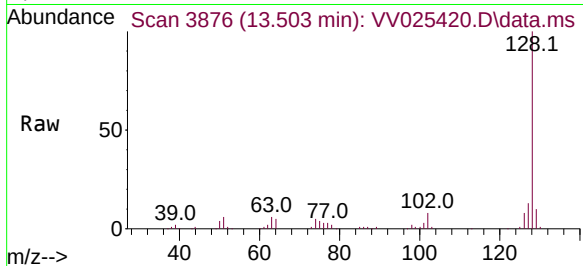




#71
Naphthalene
Concen: 4.529 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion:128 Resp: 89513
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.520 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025420.D
Acq: 08 Apr 2022 19:07

Tgt Ion:180 Resp: 50428
Ion Ratio Lower Upper
180 100
182 94.0 77.7 116.5
145 32.9 27.4 41.2

