

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026842.D
 Acq On : 20 Jul 2022 09:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Quant Time: Jul 21 01:44:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	231608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100022	4.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.561	69	88278	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.102	63	188870	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.896	46	152643	46.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	4.339	84	185767	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.027	65	80760	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.043	84	357515	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.063	67	107026	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.310	98	337474	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.619	79	34163	4.820	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	134161	43.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	79611	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	103785	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	146410	4.972	ug/L	100
3) Chloromethane	1.237	50	126599	4.481	ug/L	100
5) Vinyl chloride	1.304	62	136750	4.753	ug/L	100
6) Bromomethane	1.516	94	79543	4.619	ug/L	99
8) Chloroethane	1.581	64	84450	4.982	ug/L	97
9) Trichlorofluoromethane	1.748	101	185779	5.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	109849	5.245	ug/L	99
12) 1,1-Dichloroethene	2.111	96	101348	4.991	ug/L	95
13) Acetone	2.185	43	139943	50.437	ug/L #	33
14) Carbon disulfide	2.285	76	294649	4.925	ug/L	98
15) Methyl Acetate	2.436	43	36074	6.429	ug/L	96
16) Methylene chloride	2.500	84	119955	4.959	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	185066	5.290	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	102397	5.486	ug/L	96
19) 1,1-Dichloroethane	3.182	63	191399	5.616	ug/L	99
21) 2-Butanone	3.979	43	181222	56.005	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	100950	5.362	ug/L	96
23) Bromochloromethane	4.240	128	49718	5.733	ug/L	96
25) Chloroform	4.365	83	203239	5.693	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Jul 21 01:44:53 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

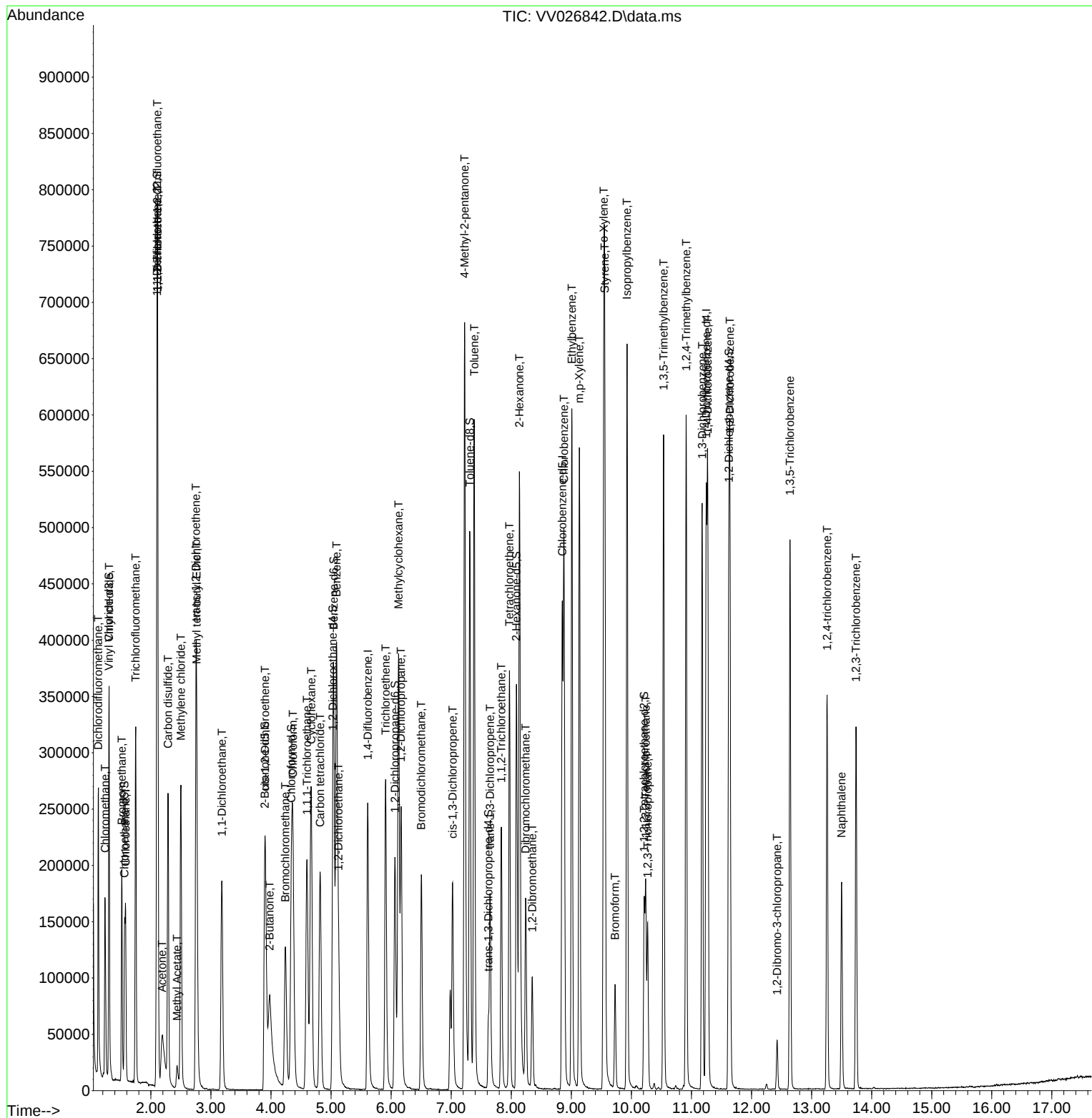
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	102104	5.308	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	169236	5.282	ug/L	99
30) Cyclohexane	4.671	56	126640	4.638	ug/L	96
31) Carbon tetrachloride	4.818	117	150291	5.311	ug/L	98
33) Benzene	5.092	78	424232	5.337	ug/L	100
34) Trichloroethene	5.908	95	101987	5.220	ug/L	99
35) Methylcyclohexane	6.124	83	149025	4.998	ug/L	100
37) 1,2-Dichloropropane	6.166	63	106020	5.578	ug/L	100
38) Bromodichloromethane	6.503	83	134053	5.410	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	120120	5.085	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	445586	50.748	ug/L	99
42) Toluene	7.384	91	445576	5.550	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	104311	5.378	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	74707	5.376	ug/L	96
47) Tetrachloroethene	7.969	164	84721	5.529	ug/L	98
48) 2-Hexanone	8.137	43	344120	54.151	ug/L	99
49) Dibromochloromethane	8.240	129	86811	5.421	ug/L	98
50) 1,2-Dibromoethane	8.349	107	67290	5.473	ug/L	98
51) Chlorobenzene	8.876	112	275053	5.419	ug/L	98
52) Ethylbenzene	9.008	91	407934	5.135	ug/L	100
53) m,p-Xylene	9.133	106	166194	5.379	ug/L	98
54) o-Xylene	9.542	106	154441	5.260	ug/L	95
55) Styrene	9.558	104	286299	5.564	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87505	5.320	ug/L	97
59) Bromoform	9.728	173	41641	4.953	ug/L	97
60) Isopropylbenzene	9.928	105	411768	5.038	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	61149	5.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	308887	4.750	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	322414	4.883	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	214658	5.361	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	214935	5.279	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	195486	5.228	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11712	4.572	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	144440	5.103	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	106038	4.927	ug/L	99
71) Naphthalene	13.500	128	147457	4.135	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	95374	4.762	ug/L	99

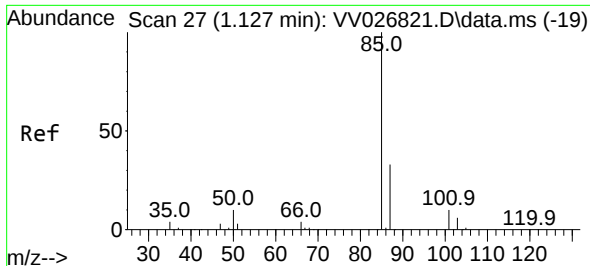
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 Data File : VV026842.D
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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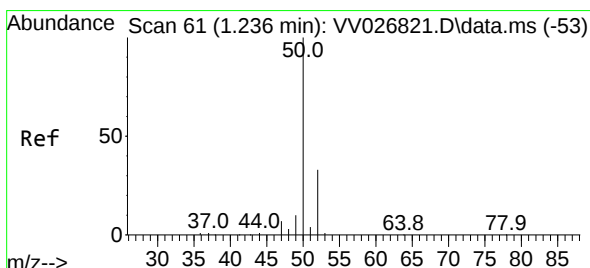
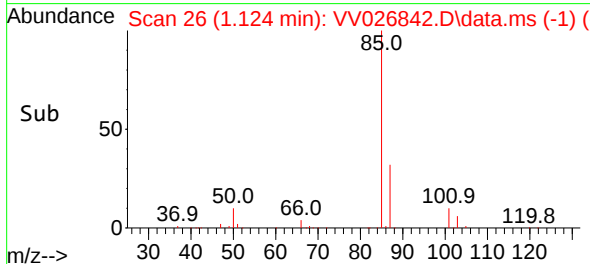
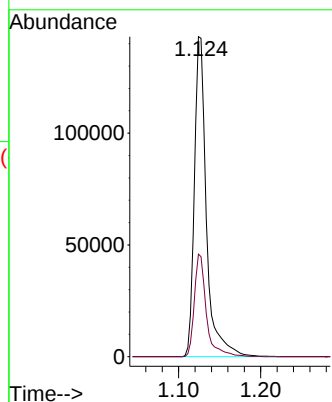
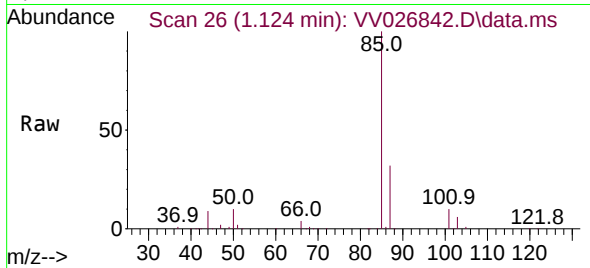




#2
 Dichlorodifluoromethane
 Concen: 4.972 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

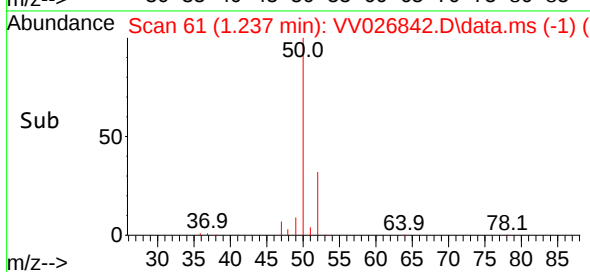
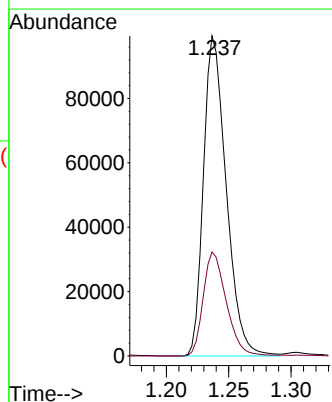
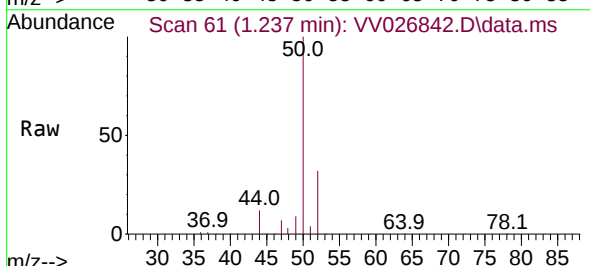
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

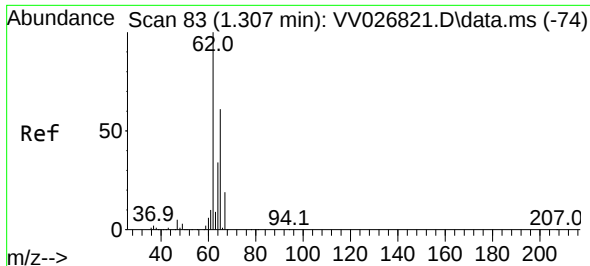
Tgt Ion: 85 Resp: 146410
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 4.481 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

Tgt Ion: 50 Resp: 126599
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4

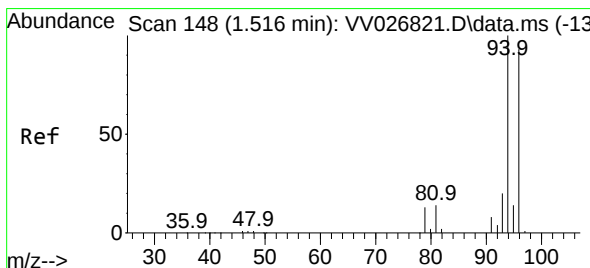
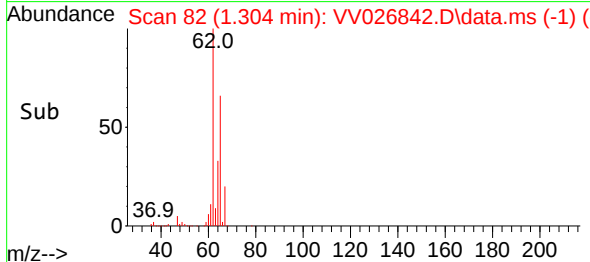
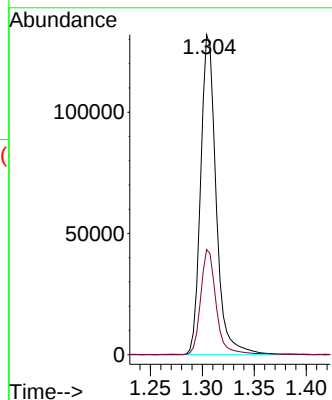
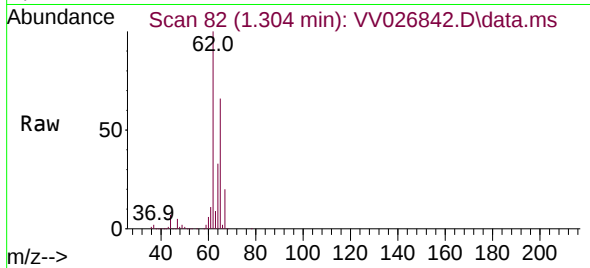




#5
 Vinyl chloride
 Concen: 4.753 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

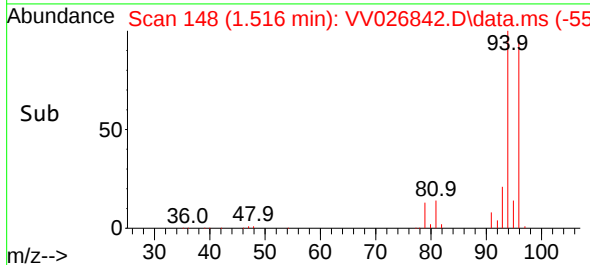
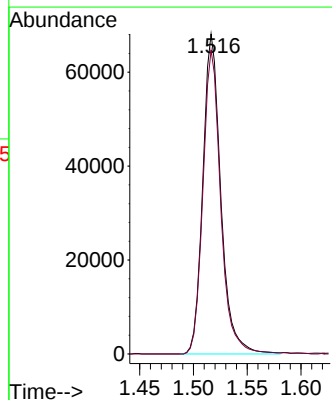
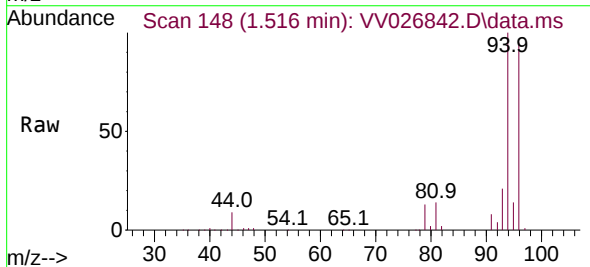
Instrument :
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 ClientSampleId :
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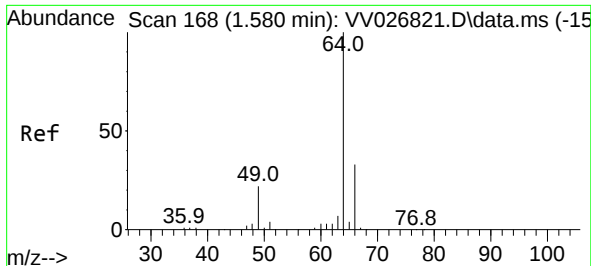
Tgt Ion: 62 Resp: 136750
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 4.619 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

Tgt Ion: 94 Resp: 79543
 Ion Ratio Lower Upper
 94 100
 96 95.0 67.1 124.7

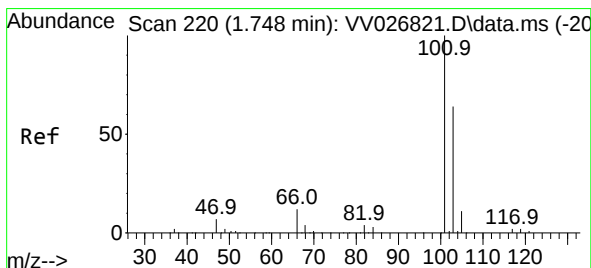
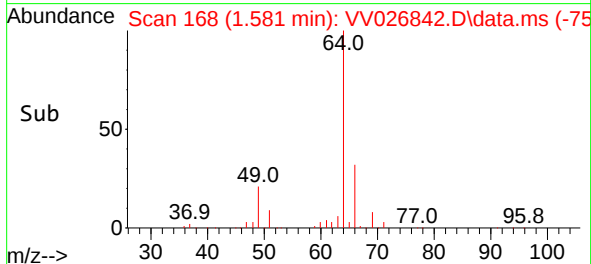
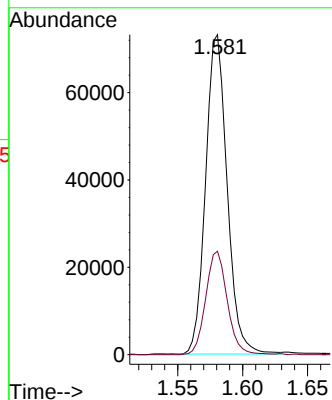
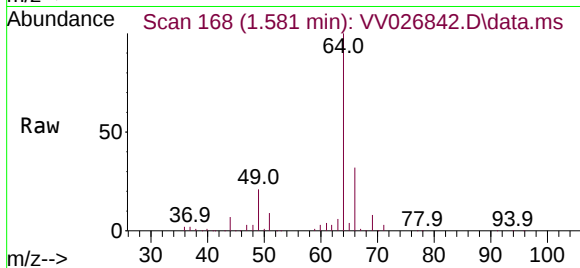




#8
Chloroethane
Concen: 4.982 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

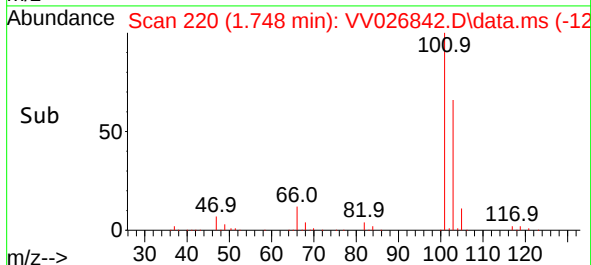
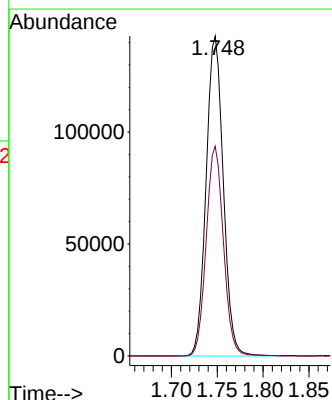
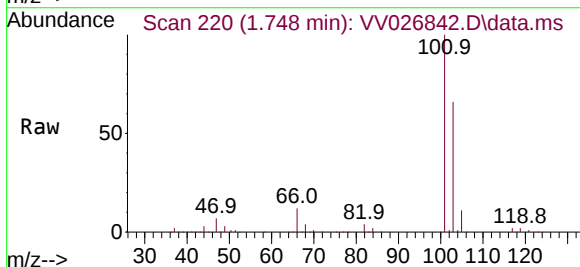
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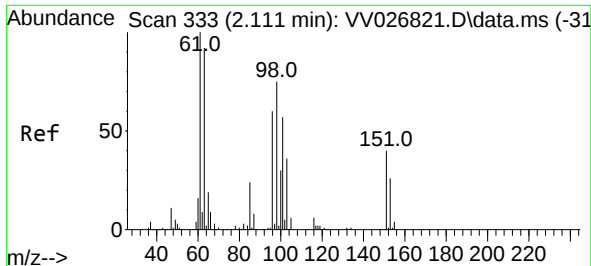
Tgt Ion: 64 Resp: 84450
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.081 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion:101 Resp: 185779
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4





#10

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

Concen: 5.245 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

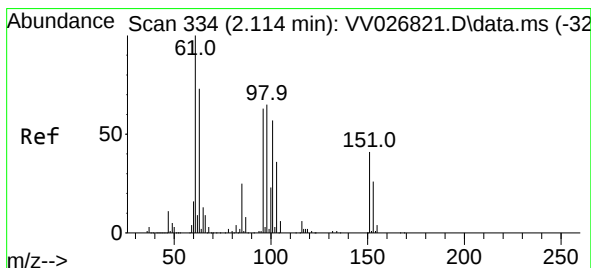
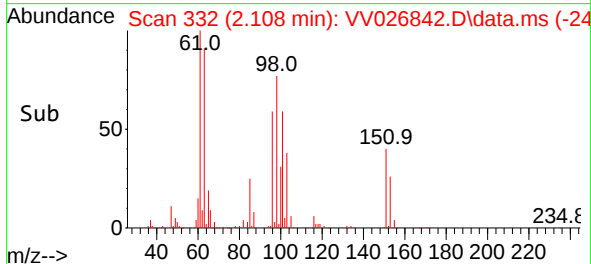
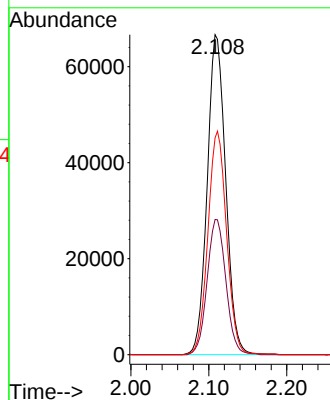
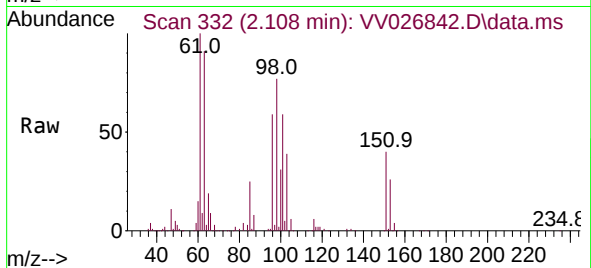
Tgt Ion:101 Resp: 109849

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

151 70.5 56.7 85.1



#12

1,1-Dichloroethene

Concen: 4.991 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

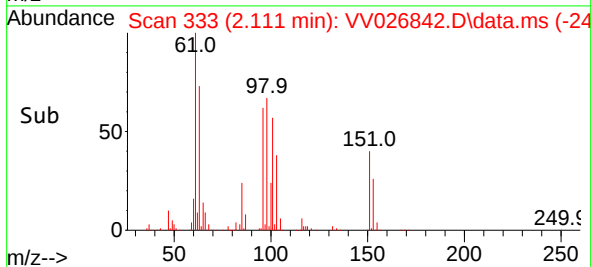
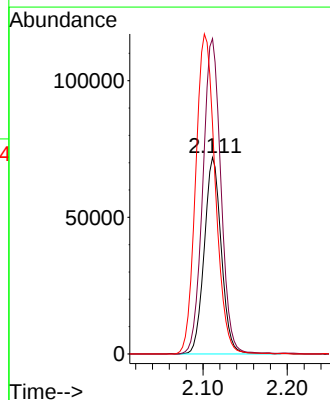
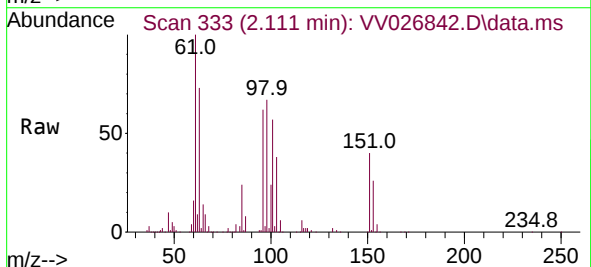
Tgt Ion: 96 Resp: 101348

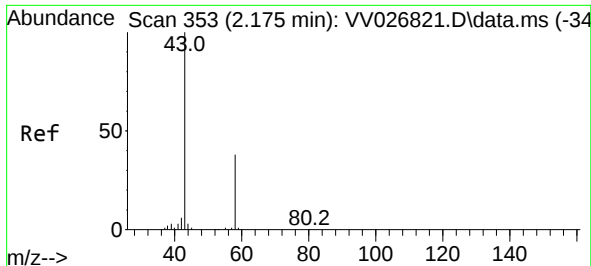
Ion Ratio Lower Upper

96 100

61 160.5 118.3 219.7

63 117.0 79.9 148.3





#13

Acetone

Concen: 50.437 ug/L

RT: 2.185 min Scan# 353

Delta R.T. 0.010 min

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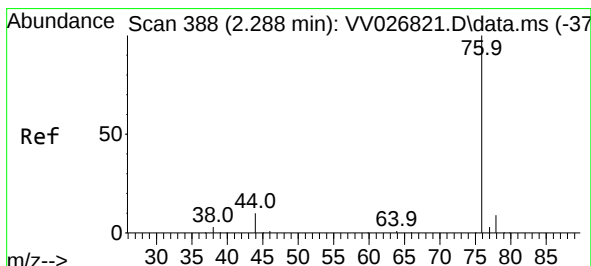
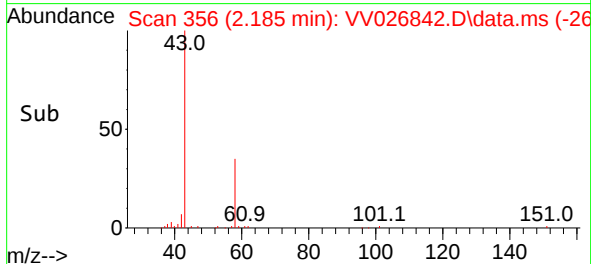
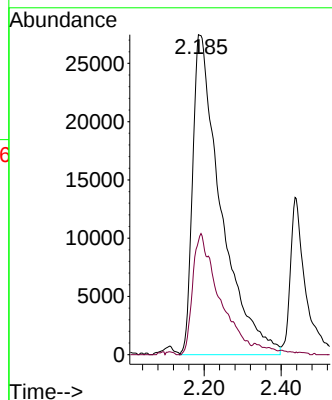
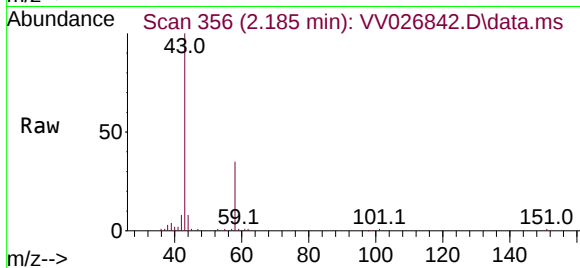
VSTD005361

Tgt Ion: 43 Resp: 139943

Ion Ratio Lower Upper

43 100

58 35.3 0.0 20.6#



#14

Carbon disulfide

Concen: 4.925 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV026842.D

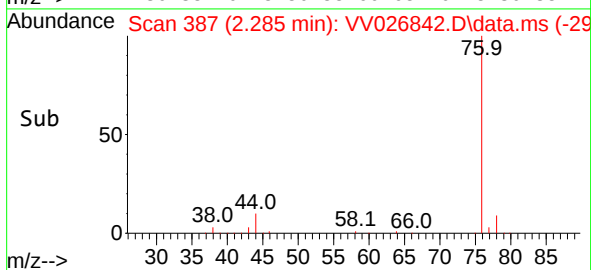
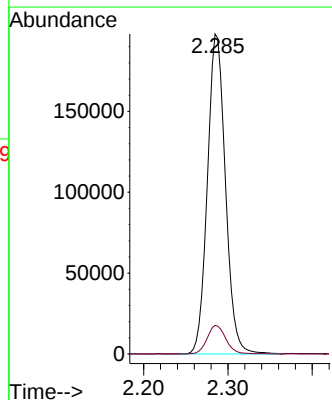
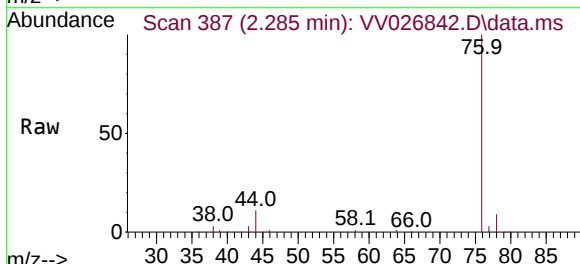
Acq: 20 Jul 2022 09:33

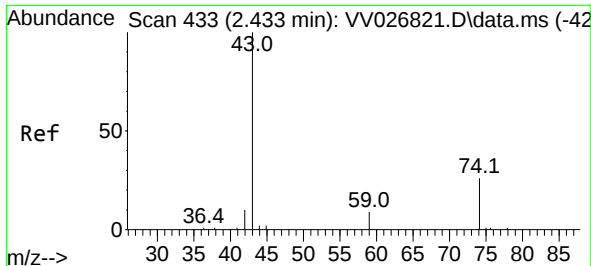
Tgt Ion: 76 Resp: 294649

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

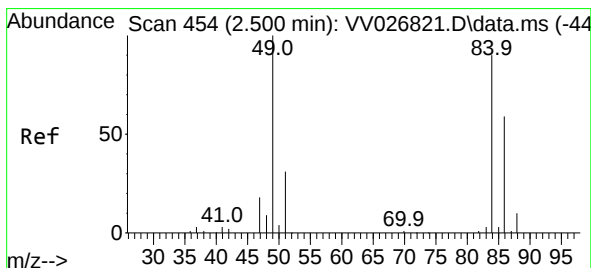
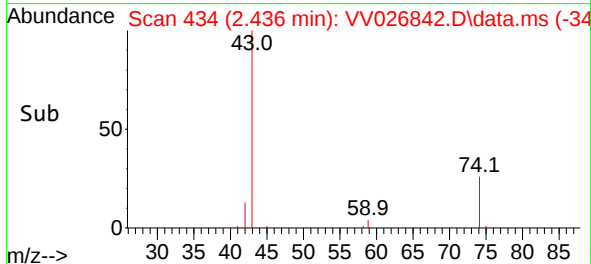
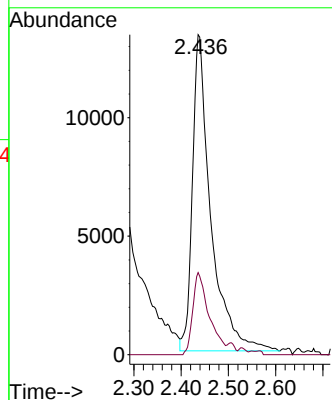
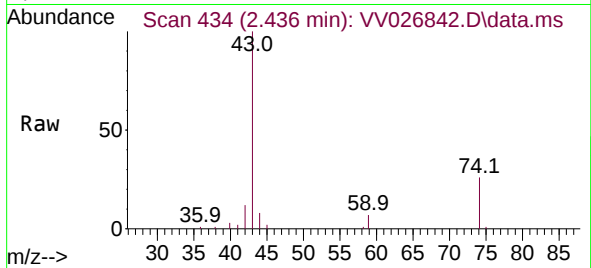




#15
Methyl Acetate
Concen: 6.429 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

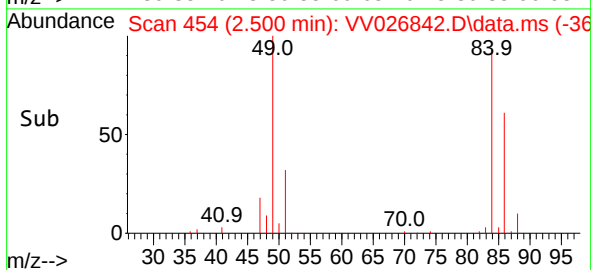
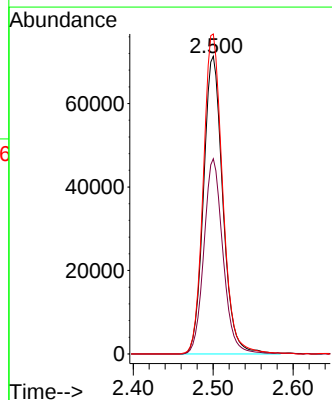
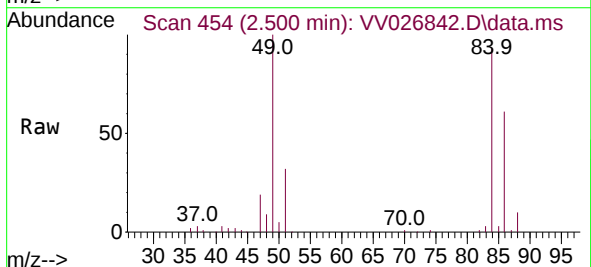
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

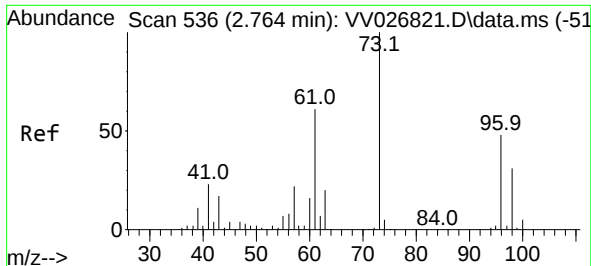
Tgt Ion: 43 Resp: 36074
Ion Ratio Lower Upper
43 100
74 23.0 20.1 30.1



#16
Methylene chloride
Concen: 4.959 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 84 Resp: 119955
Ion Ratio Lower Upper
84 100
86 65.6 44.8 83.2
49 107.5 78.7 146.1

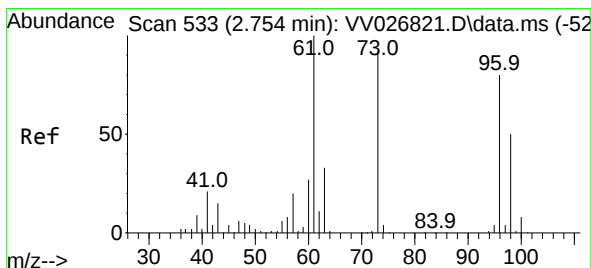
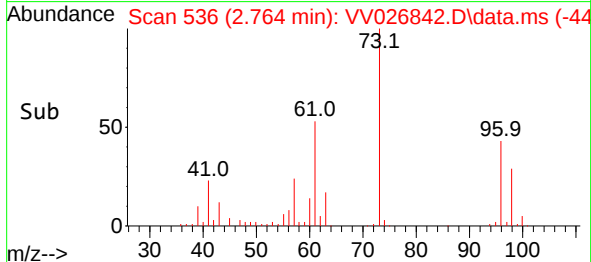
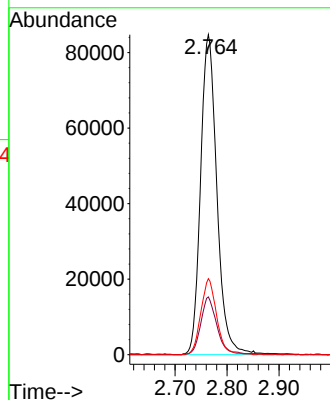
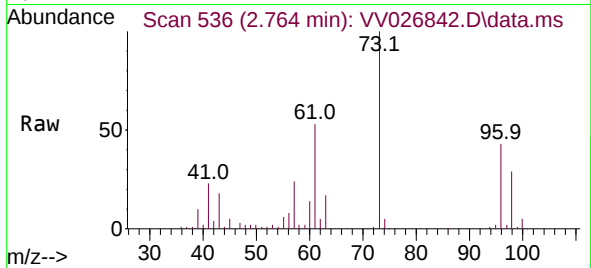




#17
Methyl tert-butyl Ether
Concen: 5.290 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

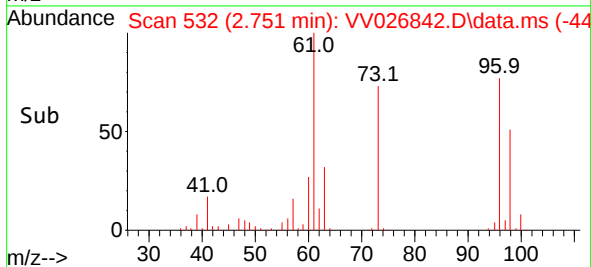
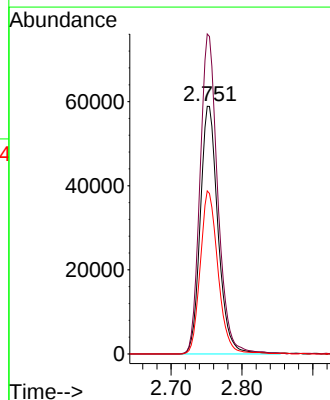
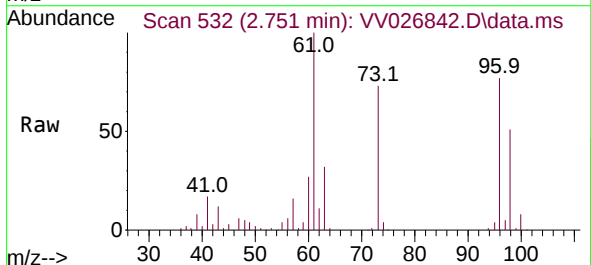
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

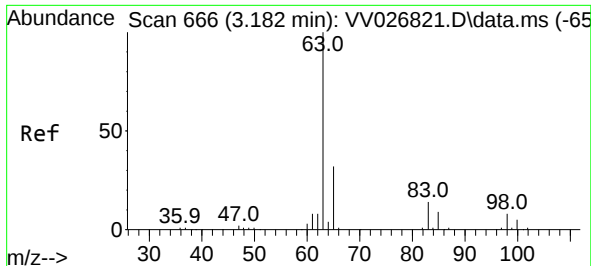
Tgt Ion: 73 Resp: 185066
Ion Ratio Lower Upper
73 100
43 17.9 14.0 21.0
57 22.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.486 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 96 Resp: 102397
Ion Ratio Lower Upper
96 100
61 129.2 94.7 175.9
98 65.8 47.4 88.0

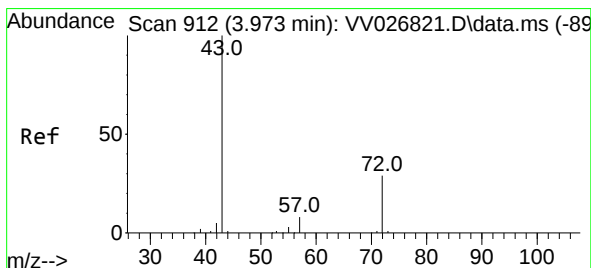
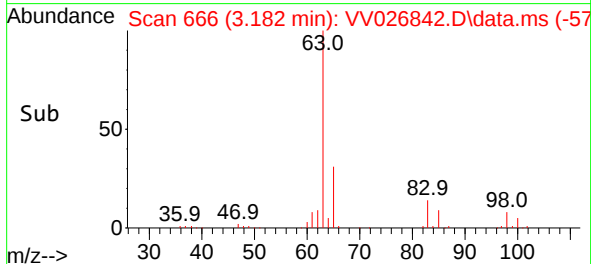
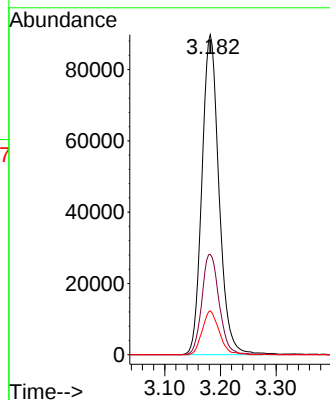
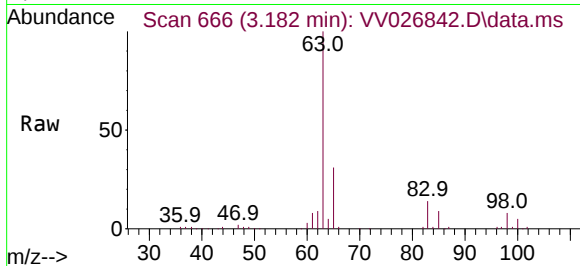




#19
1,1-Dichloroethane
Concen: 5.616 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

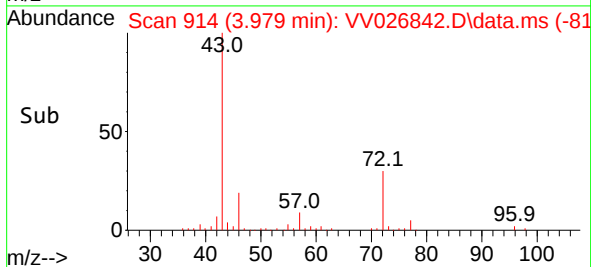
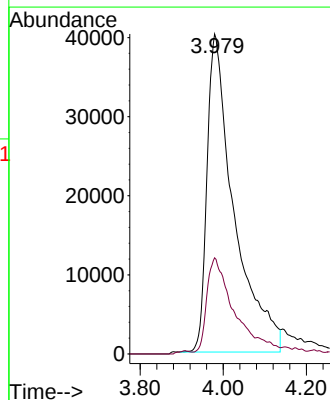
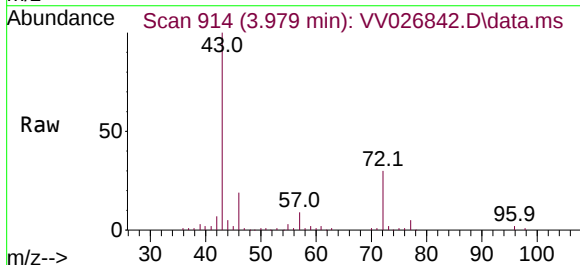
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

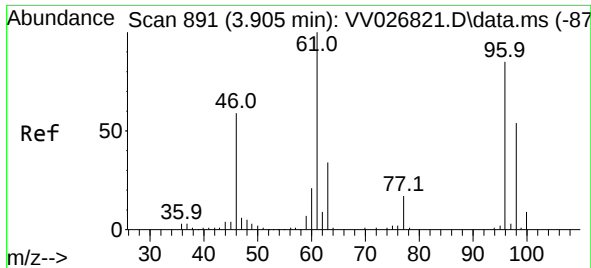
Tgt Ion: 63 Resp: 191399
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 13.7 9.9 18.5



#21
2-Butanone
Concen: 56.005 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.007 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 43 Resp: 181222
Ion Ratio Lower Upper
43 100
72 27.4 13.9 41.7

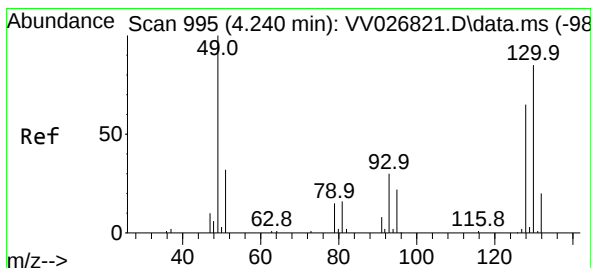
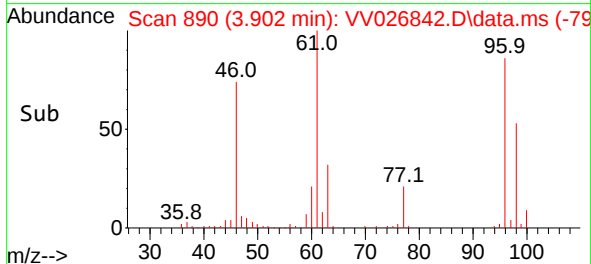
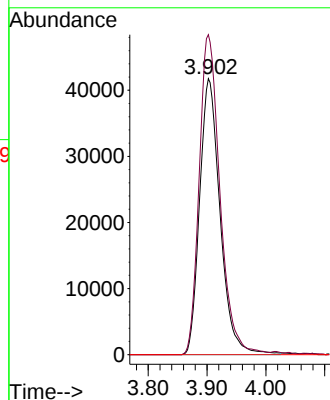
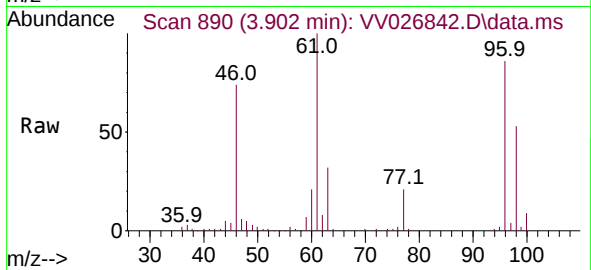




#22
 cis-1,2-Dichloroethene
 Concen: 5.362 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

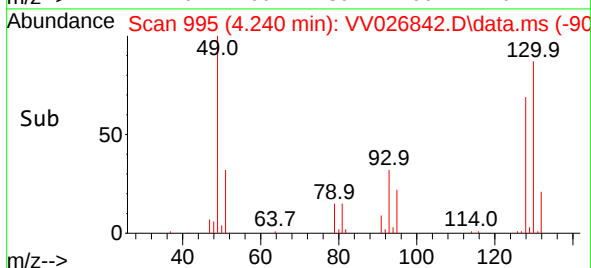
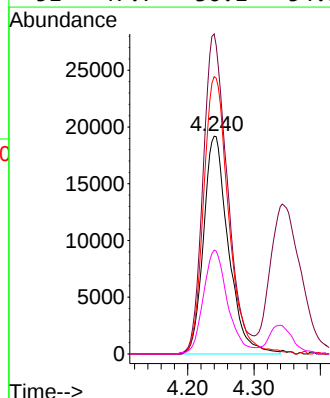
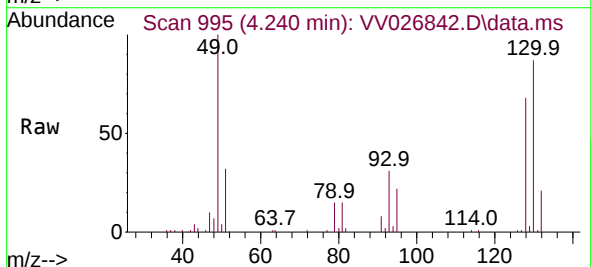
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

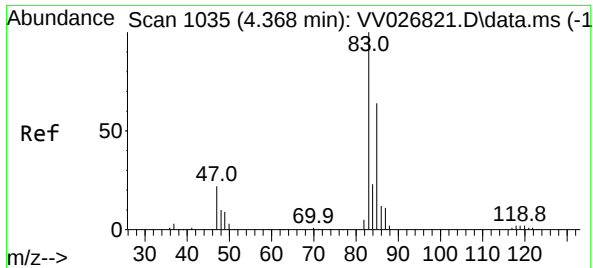
Tgt Ion: 96 Resp: 100950
 Ion Ratio Lower Upper
 96 100
 61 116.0 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.733 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

Tgt Ion: 128 Resp: 49718
 Ion Ratio Lower Upper
 128 100
 49 147.0 107.2 199.2
 130 127.4 87.1 161.7
 51 47.7 36.1 54.1

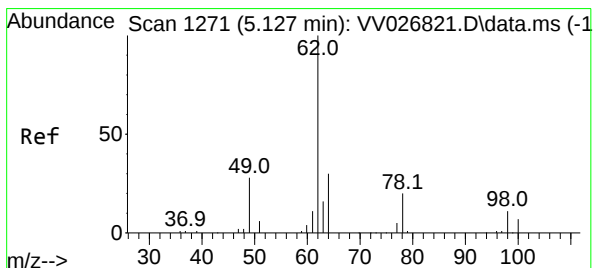
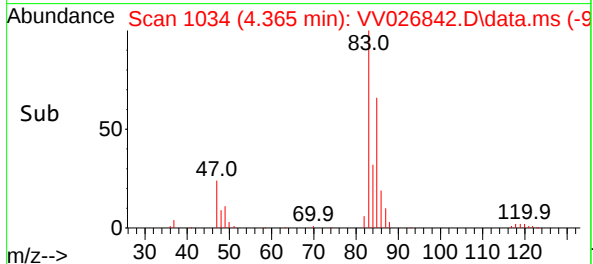
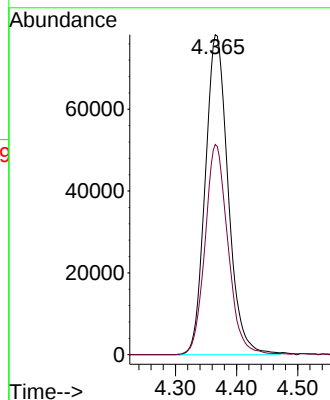
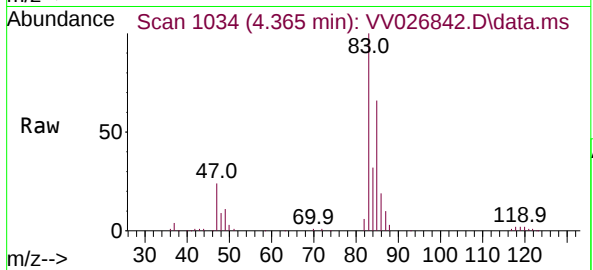




#25
Chloroform
Concen: 5.693 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

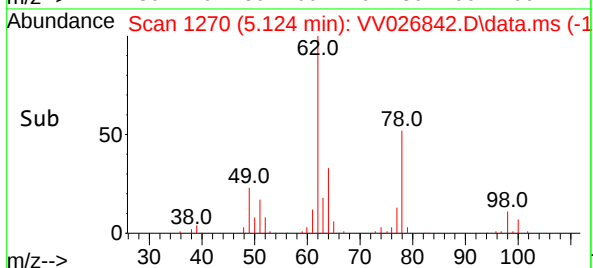
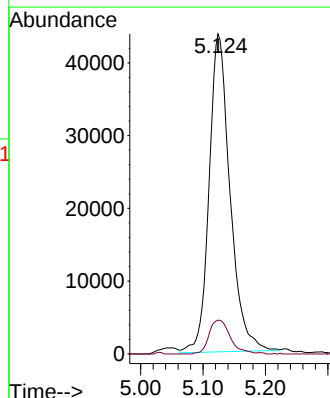
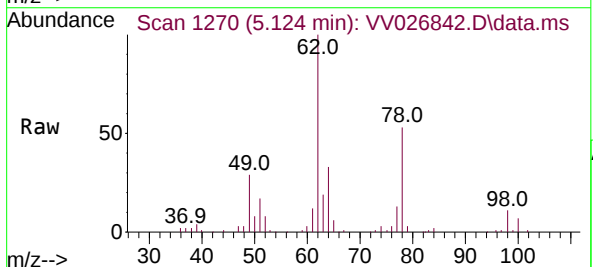
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

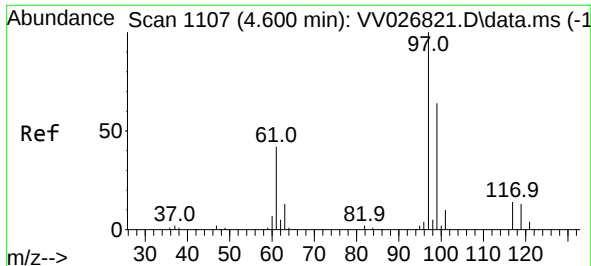
Tgt Ion: 83 Resp: 203239
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.308 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 62 Resp: 102104
Ion Ratio Lower Upper
62 100
98 10.5 8.3 12.5

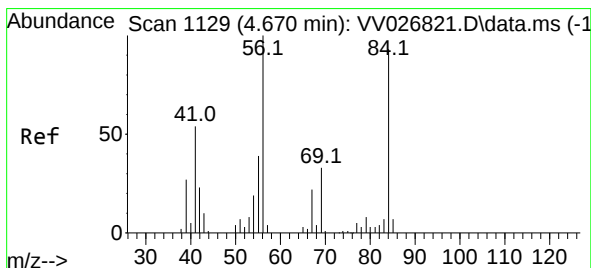
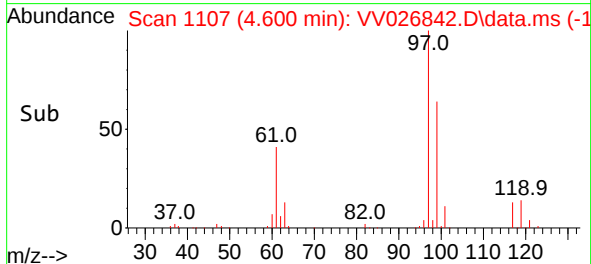
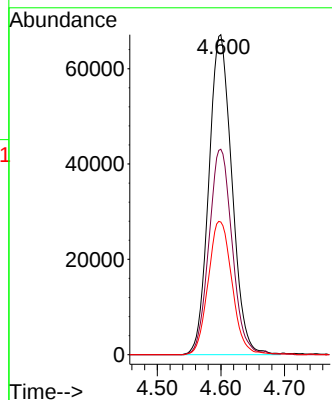
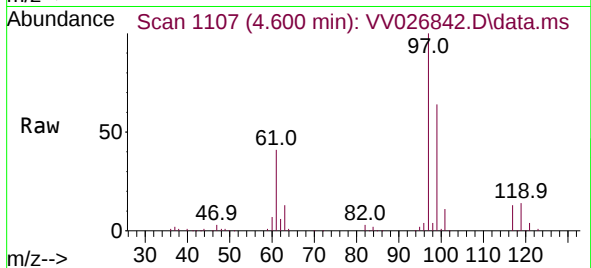




#29
1,1,1-Trichloroethane
Concen: 5.282 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

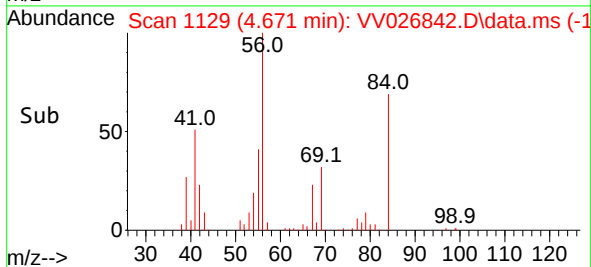
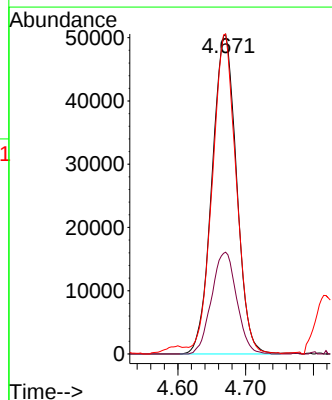
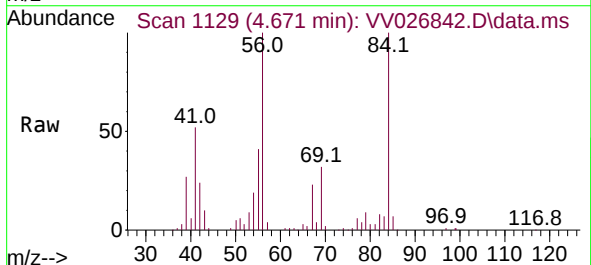
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

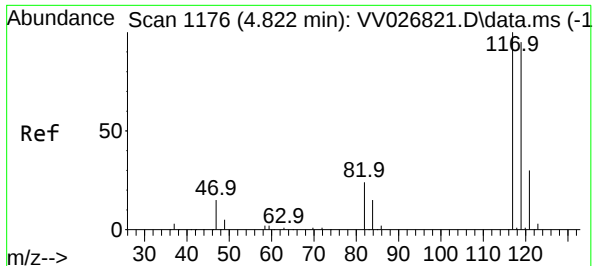
Tgt Ion: 97 Resp: 169236
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 43.0 35.1 52.7



#30
Cyclohexane
Concen: 4.638 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 56 Resp: 126640
Ion Ratio Lower Upper
56 100
69 32.7 25.1 37.7
84 97.2 74.0 111.0

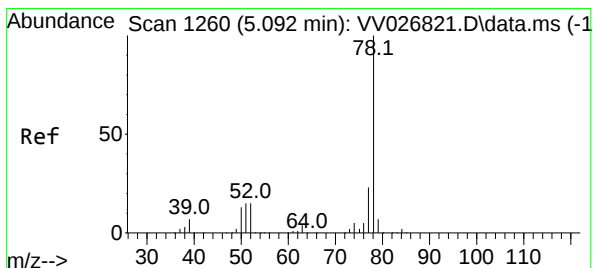
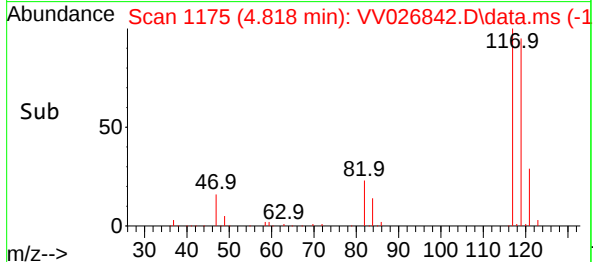
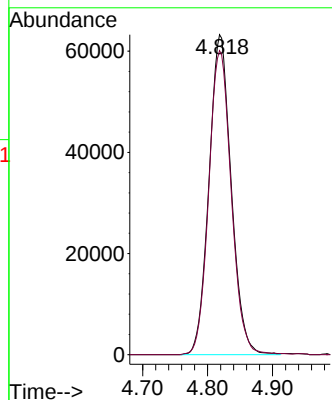
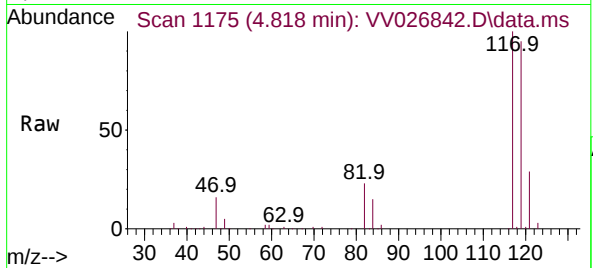




#31
Carbon tetrachloride
Concen: 5.311 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

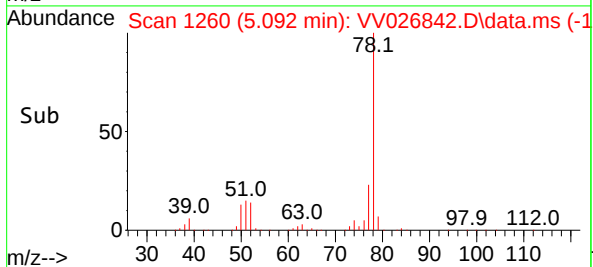
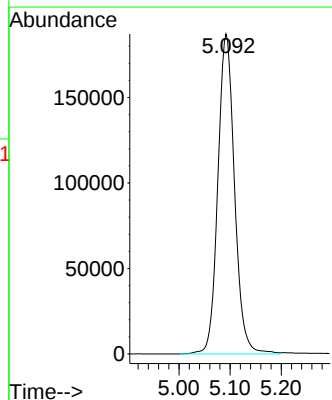
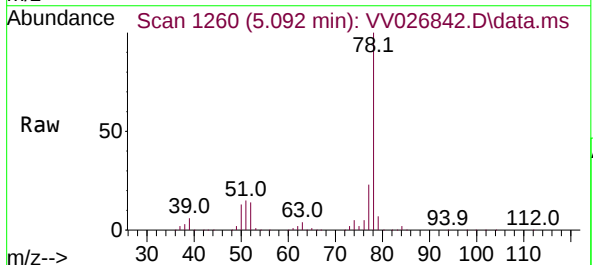
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

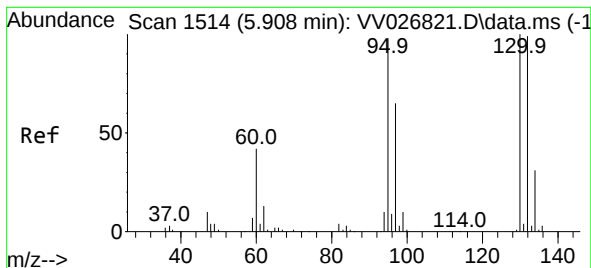
Tgt Ion:117 Resp: 150291
Ion Ratio Lower Upper
117 100
119 96.0 75.1 112.7



#33
Benzene
Concen: 5.337 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 78 Resp: 424232





#34

Trichloroethene

Concen: 5.220 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

Tgt Ion: 95 Resp: 101987

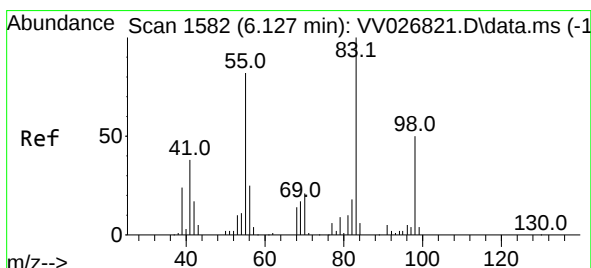
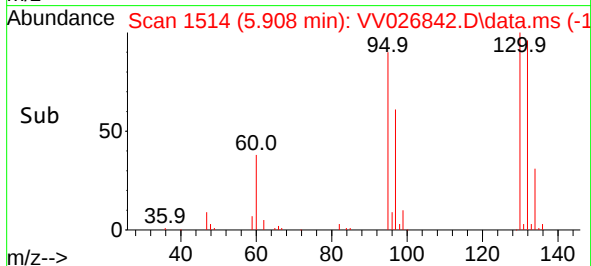
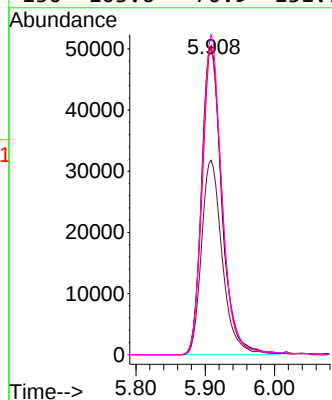
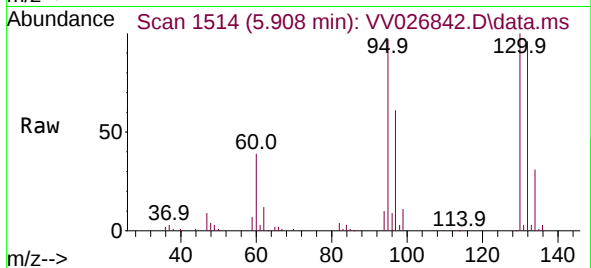
Ion Ratio Lower Upper

95 100

97 62.9 44.6 82.8

132 99.6 70.2 130.4

130 103.6 70.9 131.7



#35

Methylcyclohexane

Concen: 4.998 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

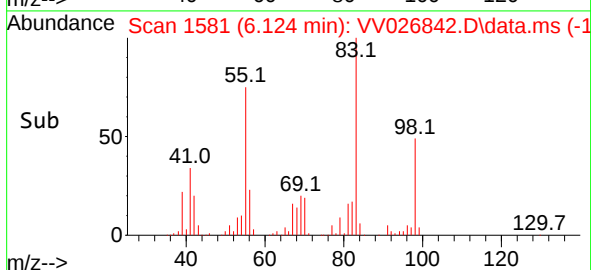
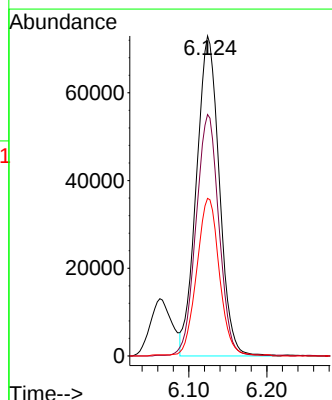
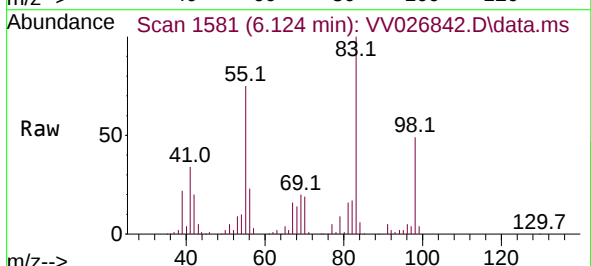
Tgt Ion: 83 Resp: 149025

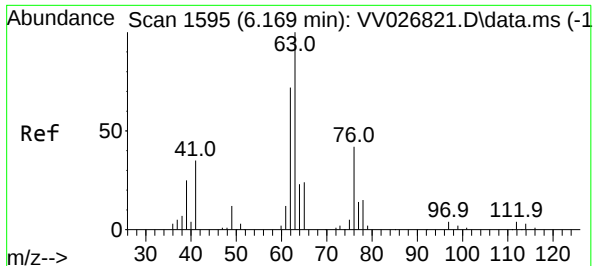
Ion Ratio Lower Upper

83 100

55 74.6 59.5 89.3

98 48.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.578 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

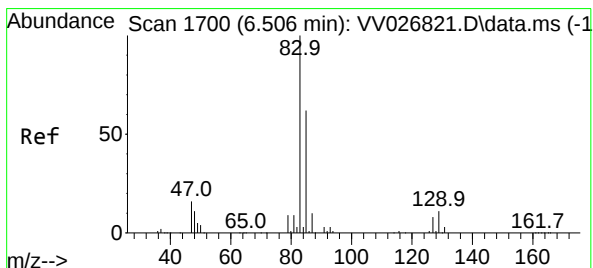
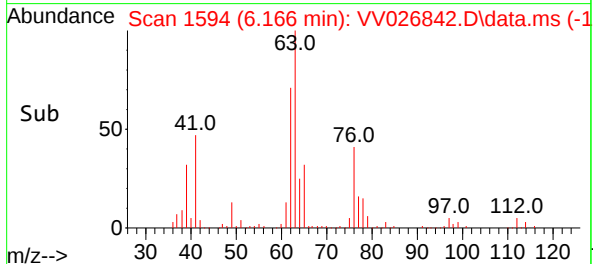
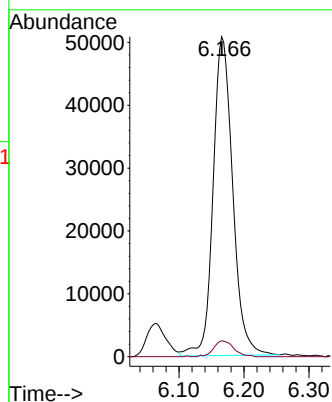
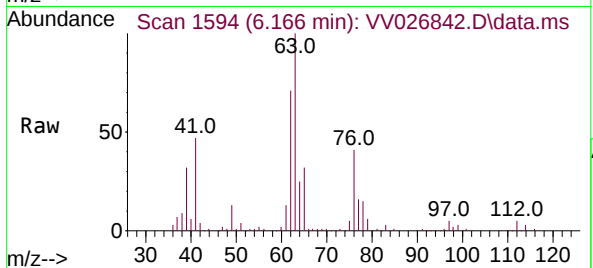
VSTD005361

Tgt Ion: 63 Resp: 106020

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 5.410 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

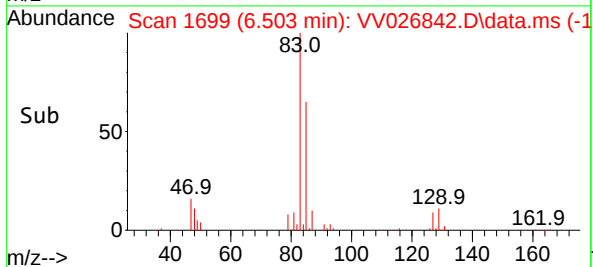
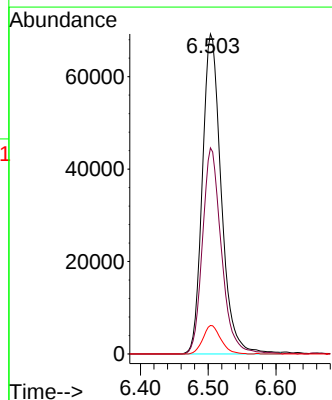
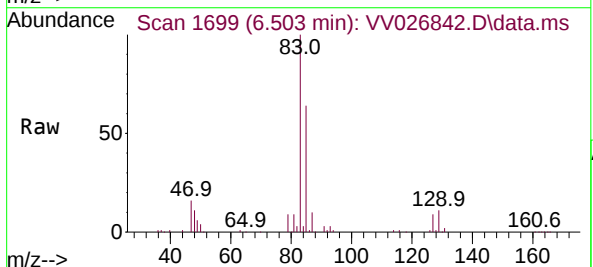
Tgt Ion: 83 Resp: 134053

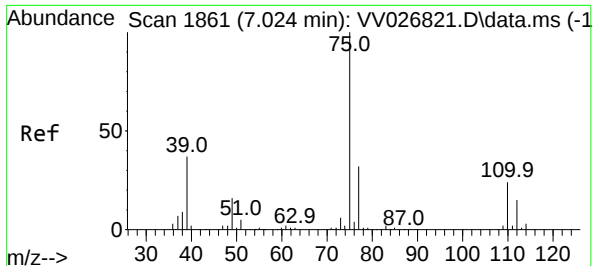
Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

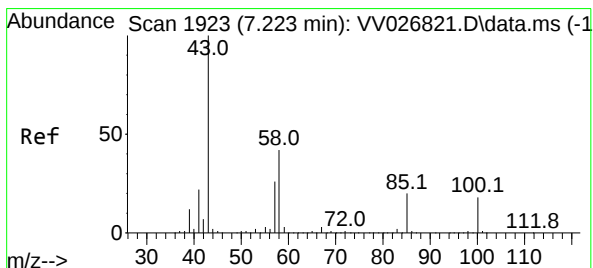
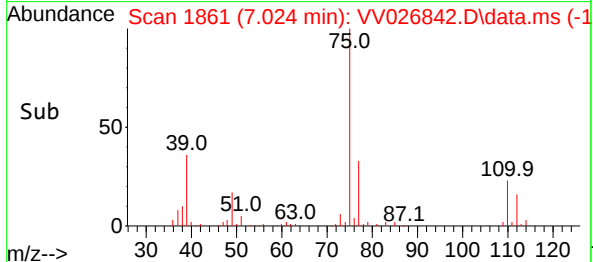
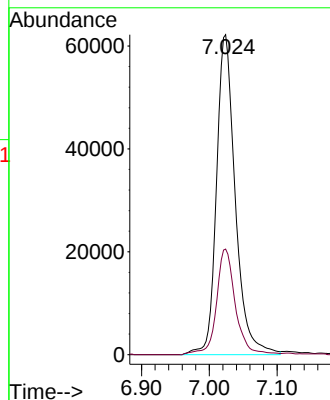
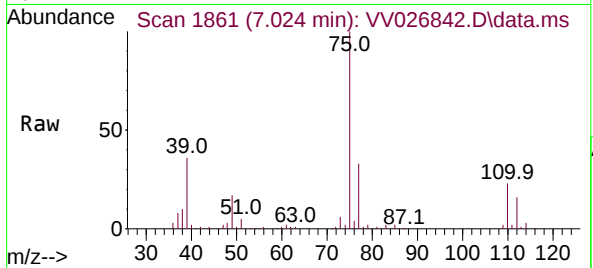
VSTD005361

Tgt Ion: 75 Resp: 120120

Ion Ratio Lower Upper

75 100

77 33.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 50.748 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

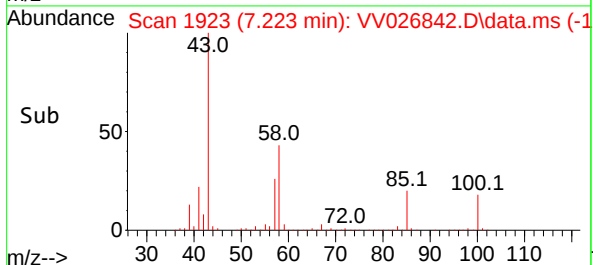
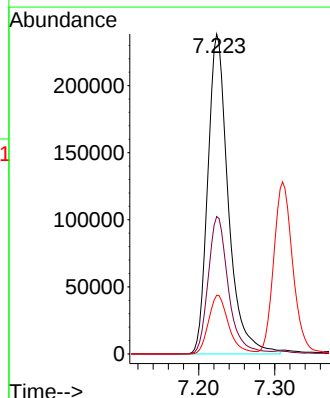
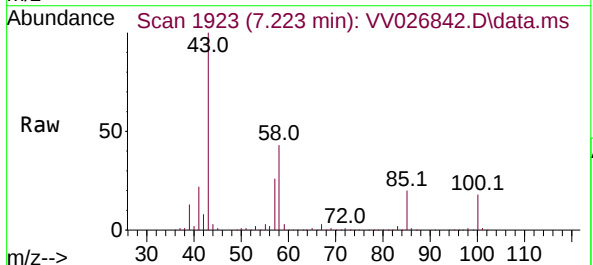
Tgt Ion: 43 Resp: 445586

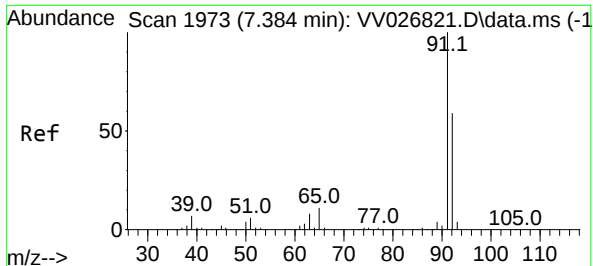
Ion Ratio Lower Upper

43 100

58 42.5 34.6 51.8

100 18.0 13.6 20.4





#42

Toluene

Concen: 5.550 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

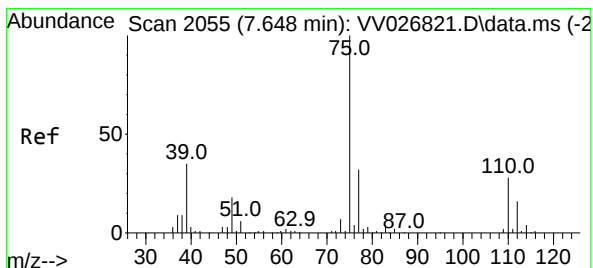
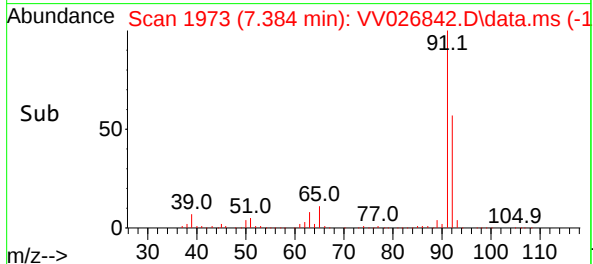
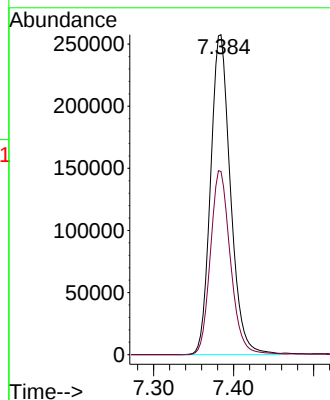
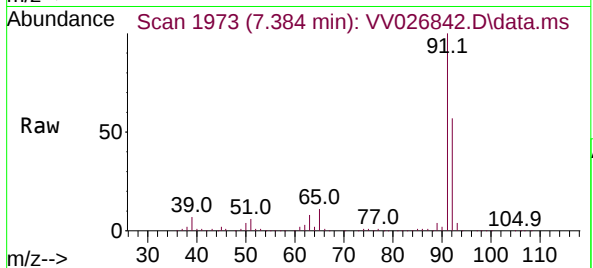
VSTD005361

Tgt Ion: 91 Resp: 445576

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.378 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV026842.D

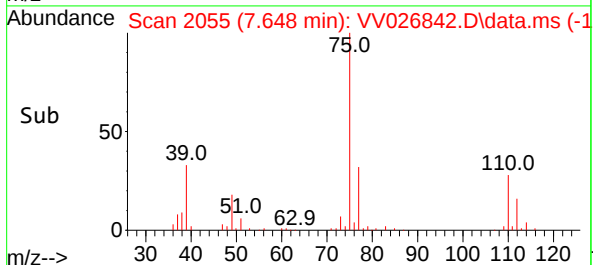
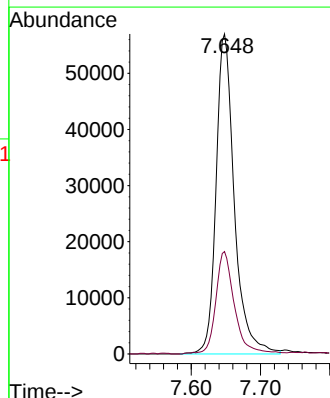
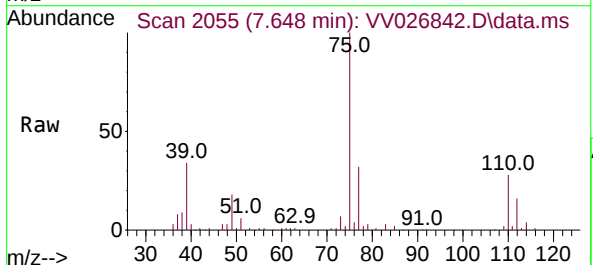
Acq: 20 Jul 2022 09:33

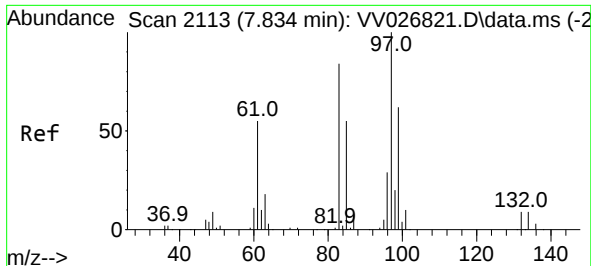
Tgt Ion: 75 Resp: 104311

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3

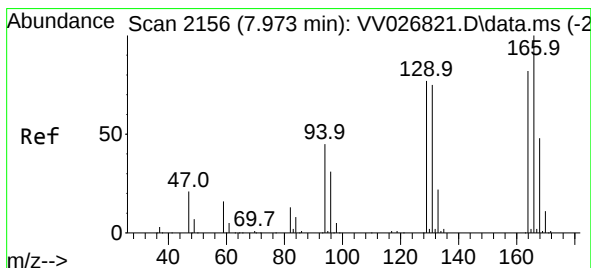
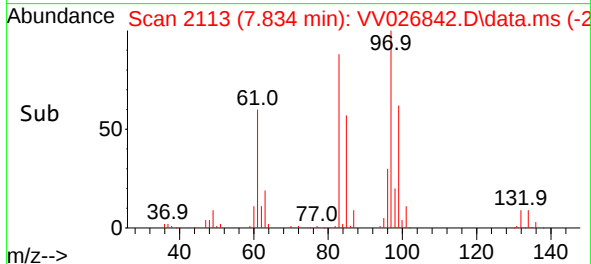
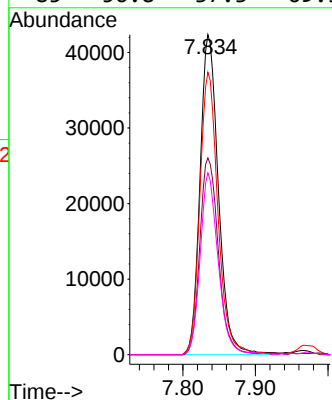
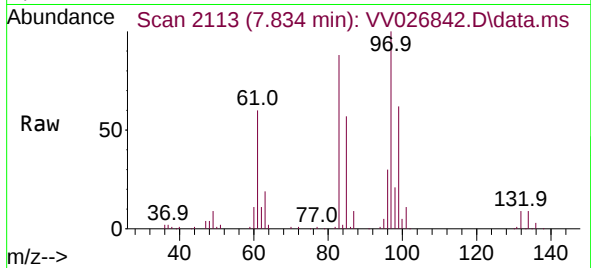




#45
1,1,2-Trichloroethane
Concen: 5.376 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

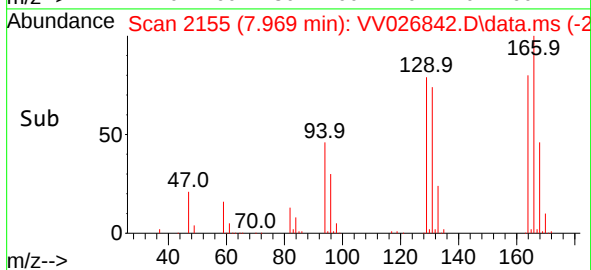
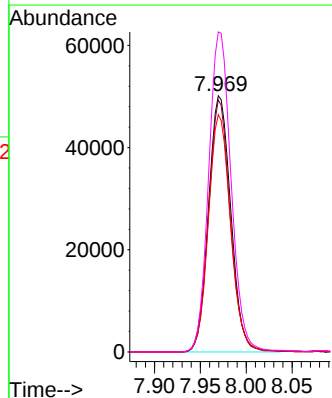
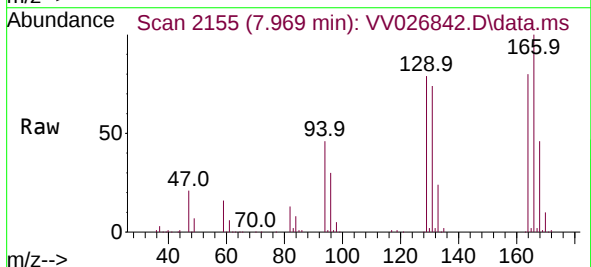
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

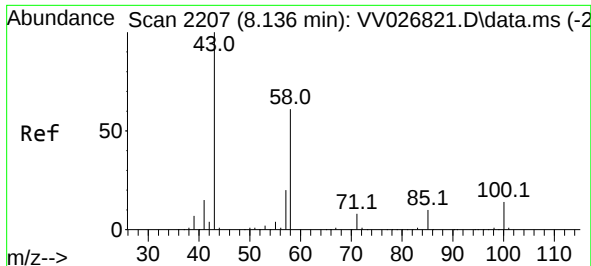
Tgt Ion: 97	Resp: 74707
Ion Ratio	Lower Upper
97 100	
99 61.5	41.9 77.9
83 88.3	58.1 107.9
85 56.8	37.3 69.3



#47
Tetrachloroethene
Concen: 5.529 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt	Ion:164	Resp:	84721
Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.8	125.8
131	92.6	65.9	122.5
166	124.9	88.8	164.8



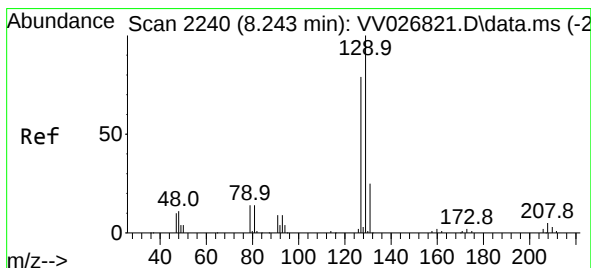
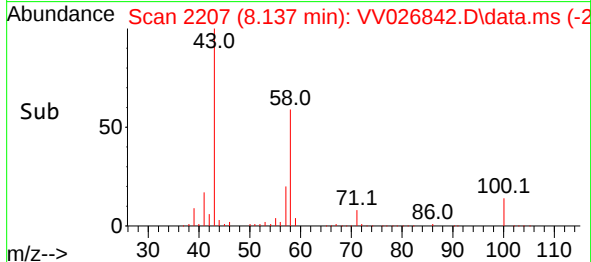
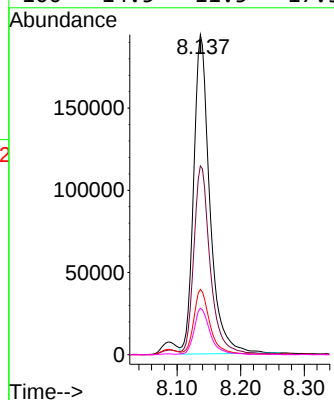
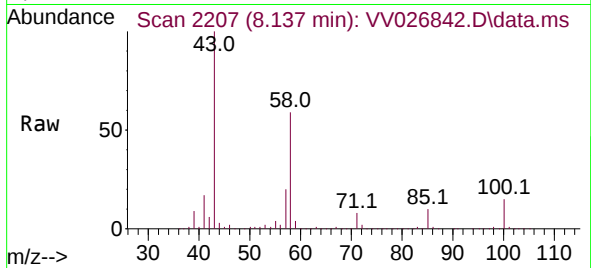


#48
2-Hexanone
Concen: 54.151 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

Tgt Ion: 43 Resp: 344120

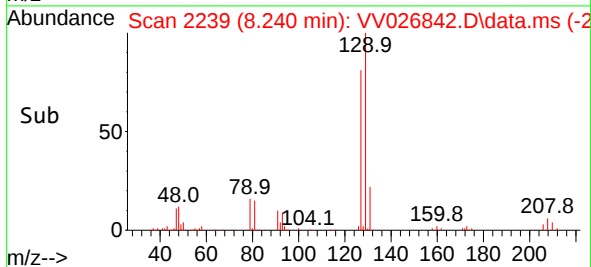
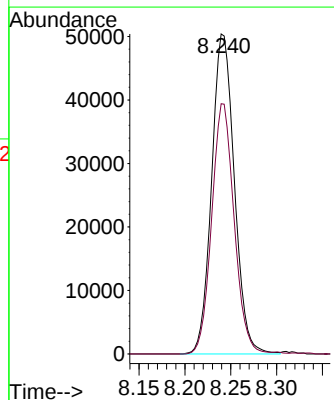
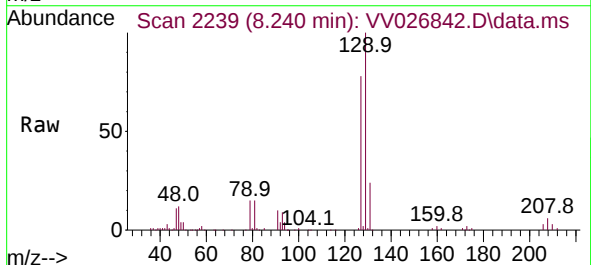
Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.9	71.9
57	20.2	16.3	24.5
100	14.5	11.5	17.3

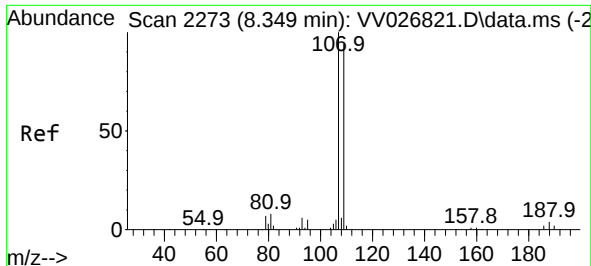


#49
Dibromochloromethane
Concen: 5.421 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 129 Resp: 86811

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.473 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

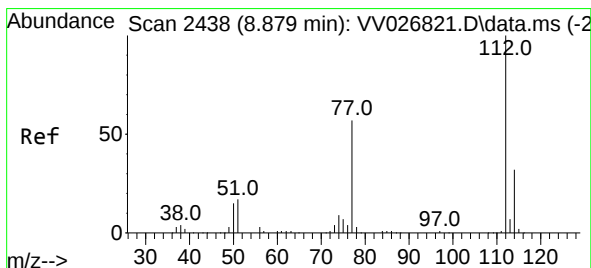
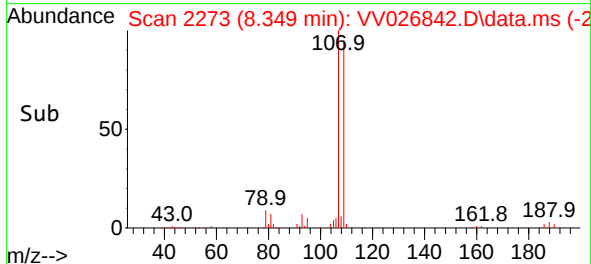
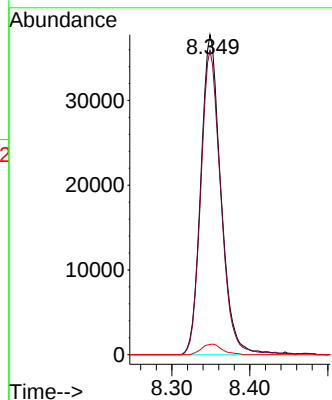
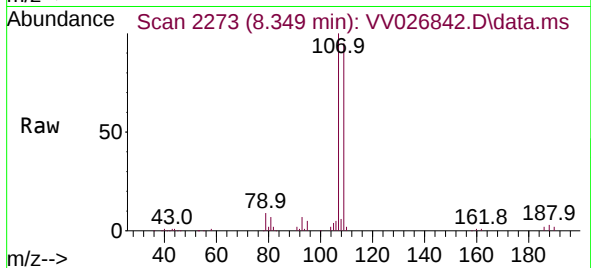
Tgt Ion:107 Resp: 67290

Ion Ratio Lower Upper

107 100

109 95.1 68.0 126.4

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 5.419 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

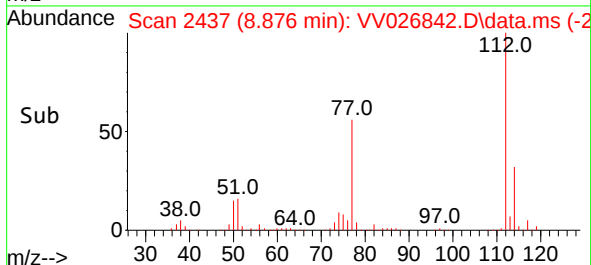
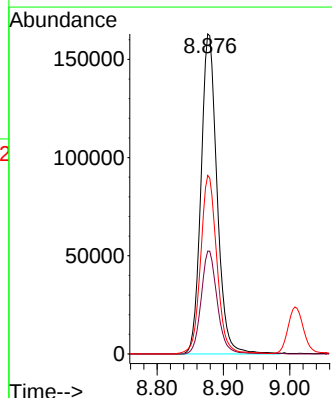
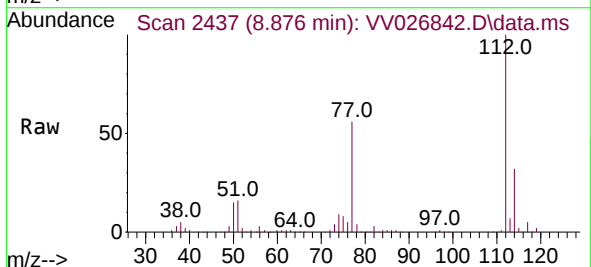
Tgt Ion:112 Resp: 275053

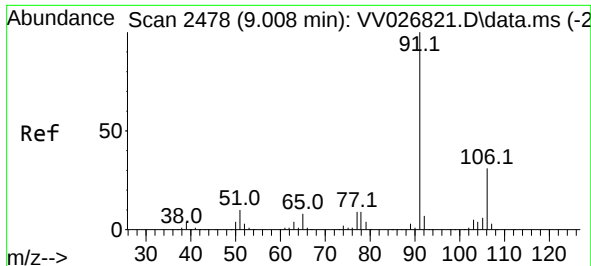
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 55.8 46.6 70.0





#52

Ethylbenzene

Concen: 5.135 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

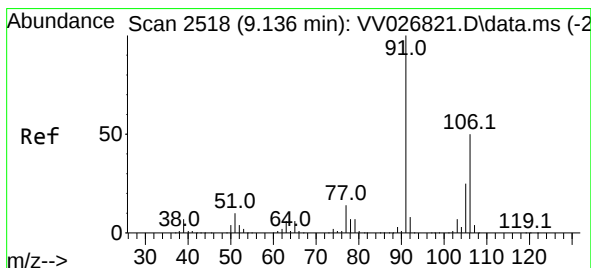
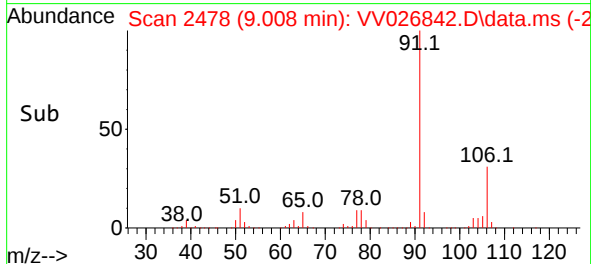
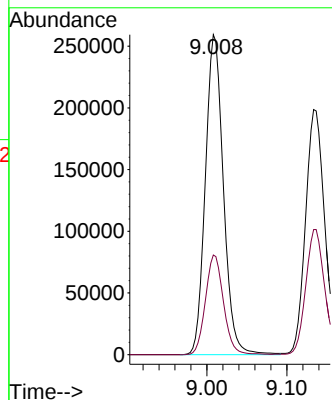
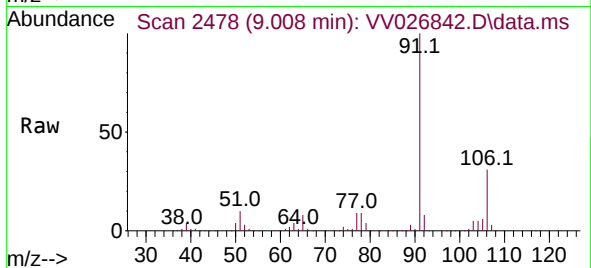
VSTD005361

Tgt Ion: 91 Resp: 407934

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



#53

m,p-Xylene

Concen: 5.379 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV026842.D

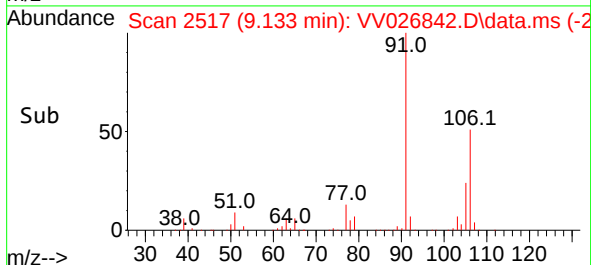
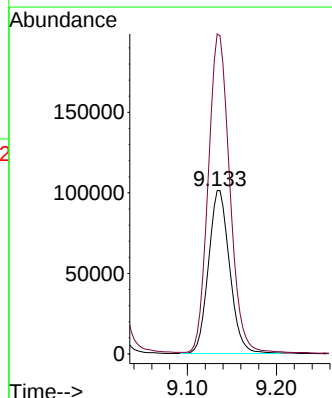
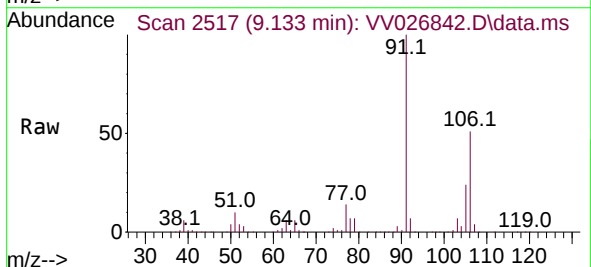
Acq: 20 Jul 2022 09:33

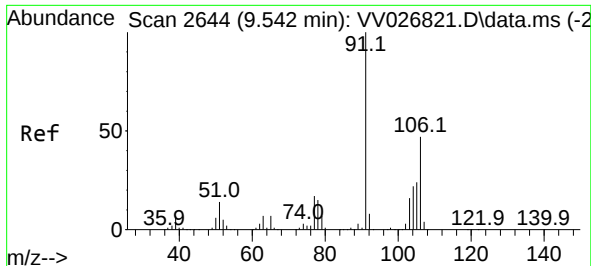
Tgt Ion: 106 Resp: 166194

Ion Ratio Lower Upper

106 100

91 195.9 139.3 258.7

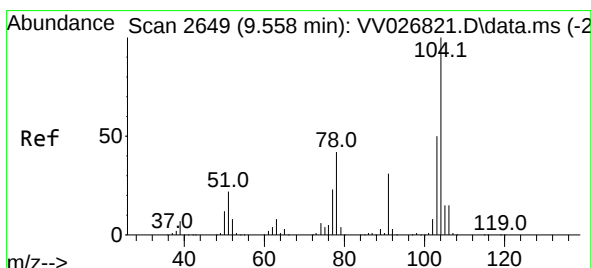
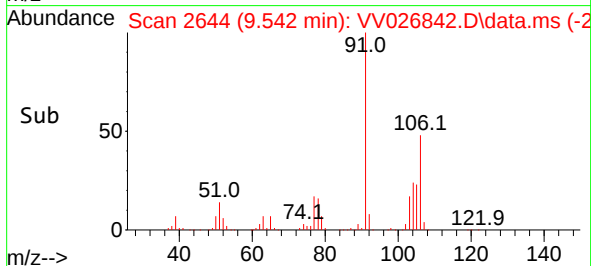
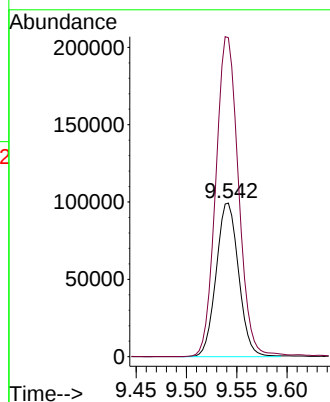
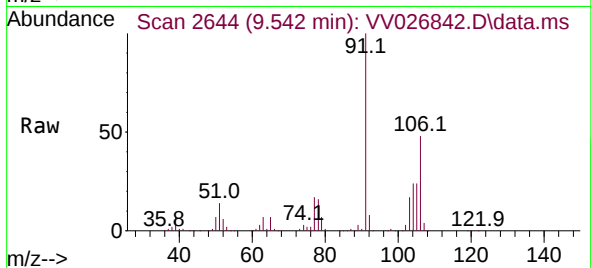




#54
o-Xylene
Concen: 5.260 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

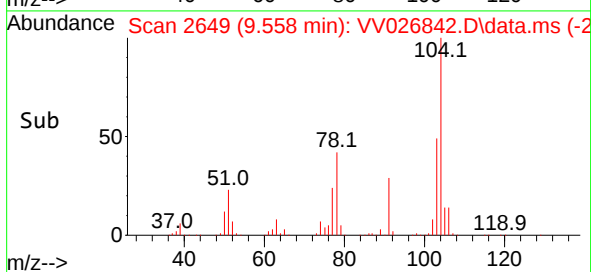
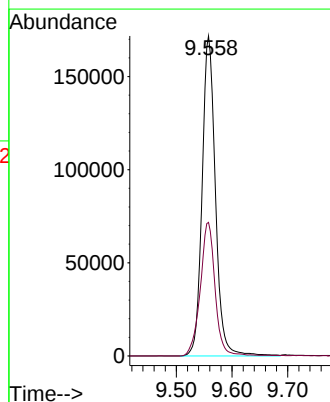
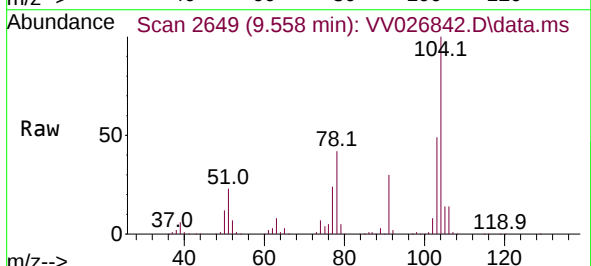
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

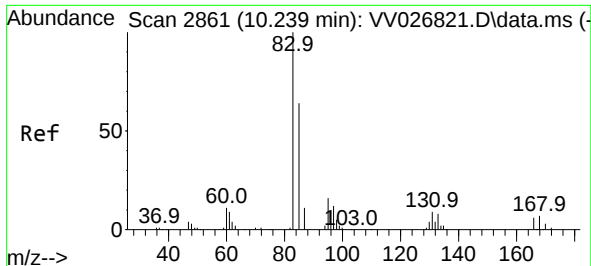
Tgt Ion:106 Resp: 154441
Ion Ratio Lower Upper
106 100
91 207.7 151.1 280.7



#55
Styrene
Concen: 5.564 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion:104 Resp: 286299
Ion Ratio Lower Upper
104 100
78 41.8 29.5 54.9

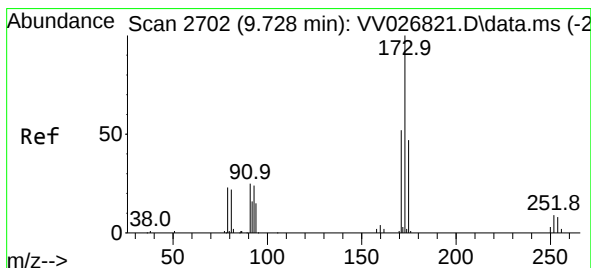
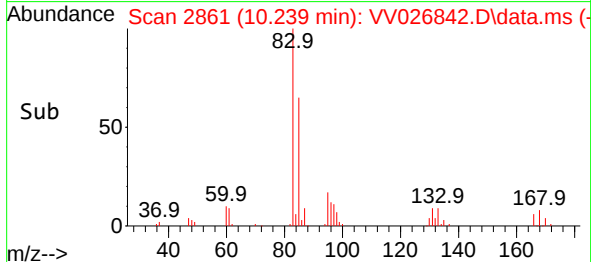
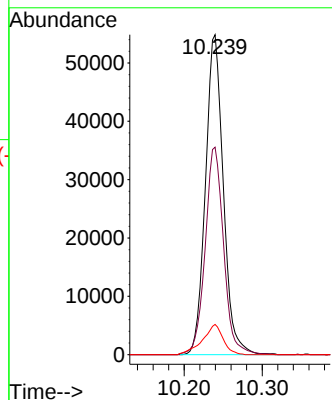
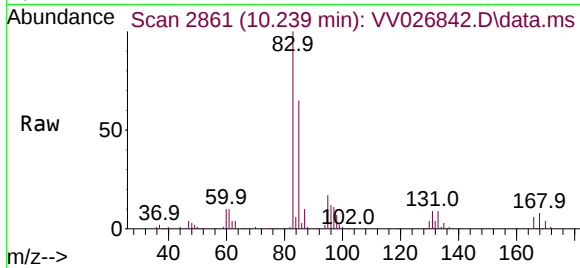




#57
1,1,2,2-Tetrachloroethane
Concen: 5.320 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

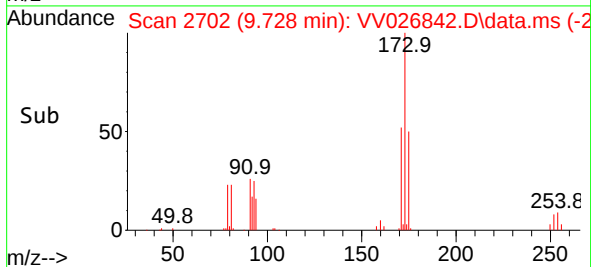
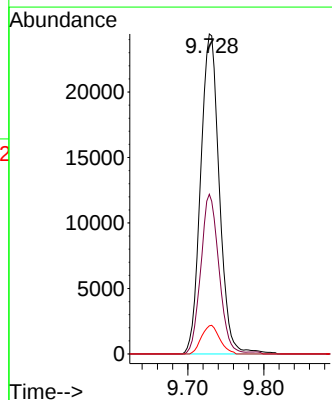
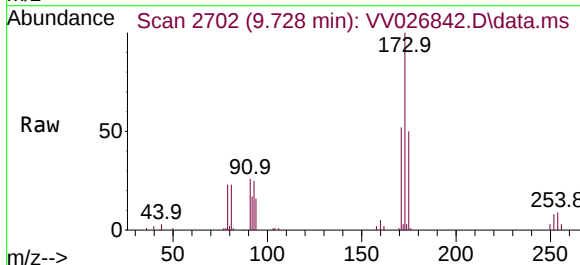
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

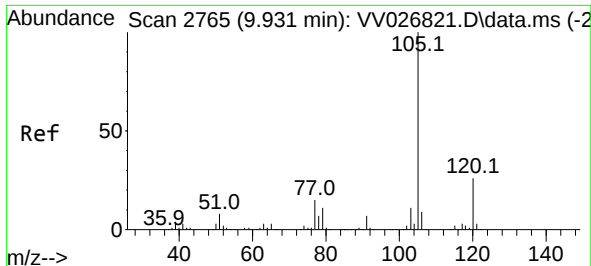
Tgt Ion: 83 Resp: 87505
Ion Ratio Lower Upper
83 100
85 64.9 43.6 81.0
131 9.5 7.4 11.2



#59
Bromoform
Concen: 4.953 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 173 Resp: 41641
Ion Ratio Lower Upper
173 100
175 48.4 40.7 61.1
254 8.7 6.5 9.7

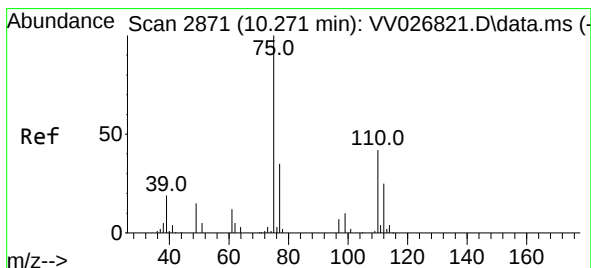
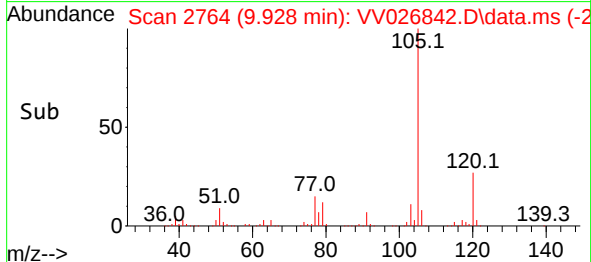
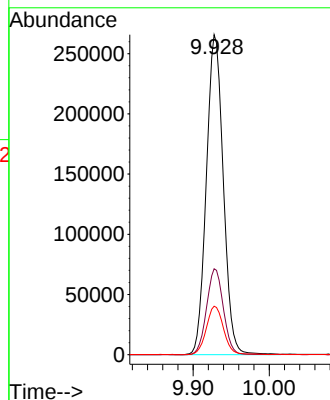
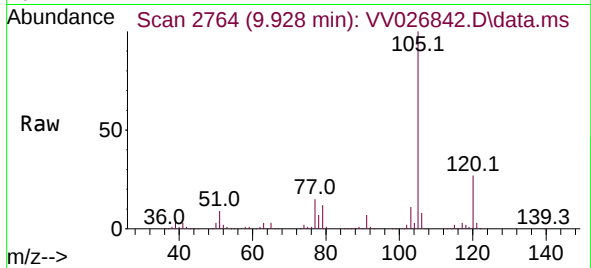




#60
Isopropylbenzene
Concen: 5.038 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

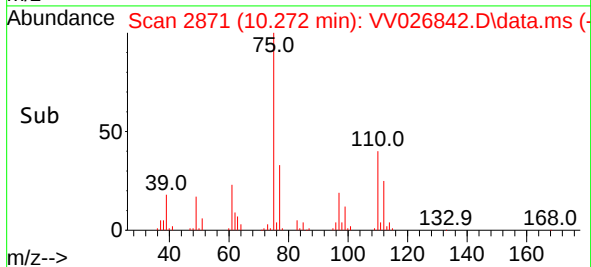
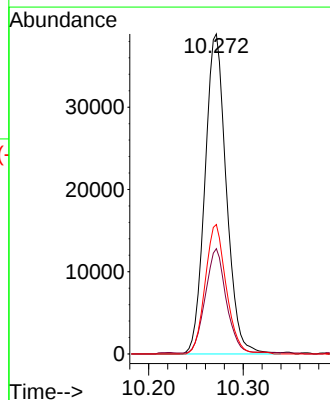
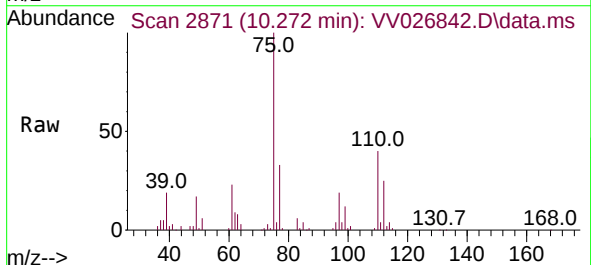
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

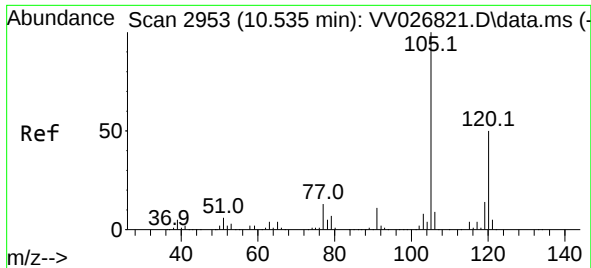
Tgt Ion:105 Resp: 411768
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.060 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 75 Resp: 61149
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 39.7 31.8 47.6

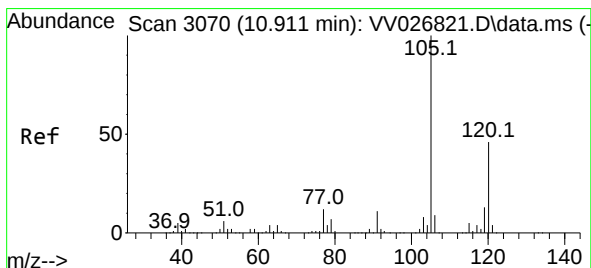
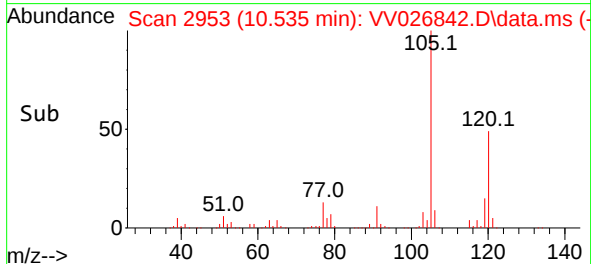
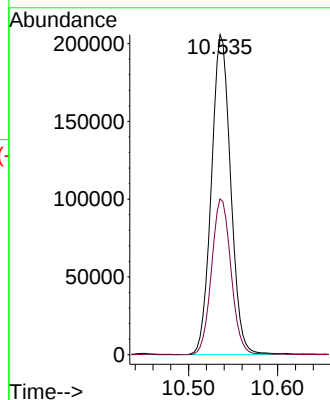
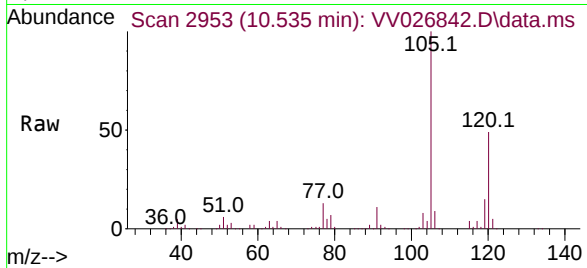




#62
 1,3,5-Trimethylbenzene
 Concen: 4.750 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

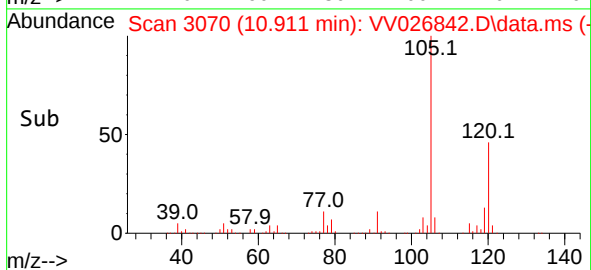
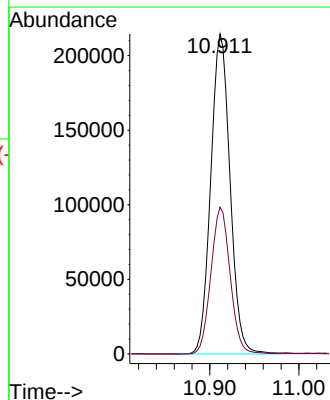
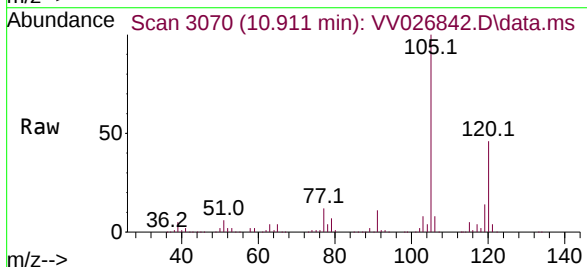
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

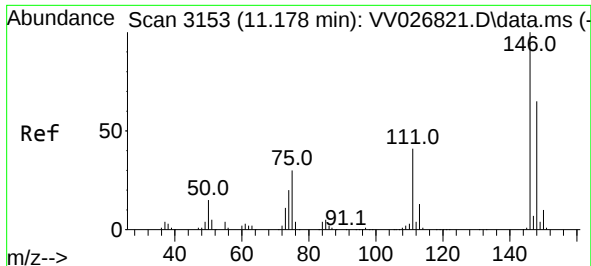
Tgt Ion:105 Resp: 308887
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.883 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026842.D
 Acq: 20 Jul 2022 09:33

Tgt Ion:105 Resp: 322414
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2

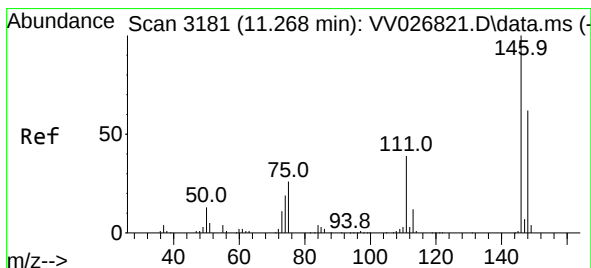
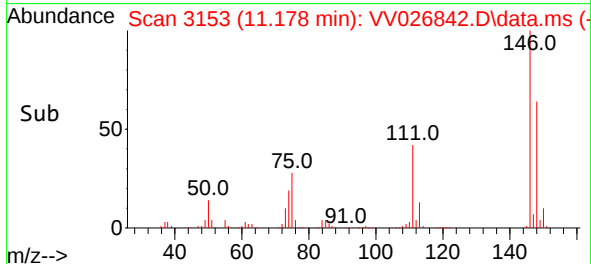
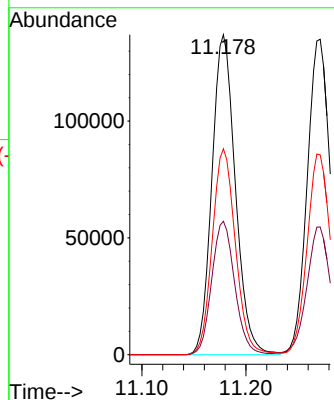
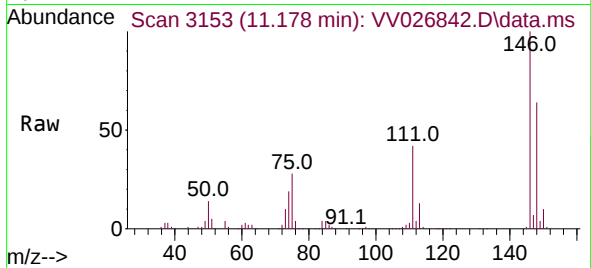




#64
1,3-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

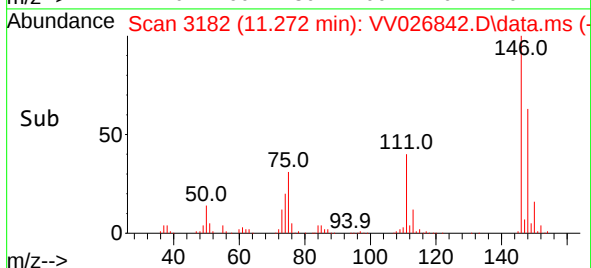
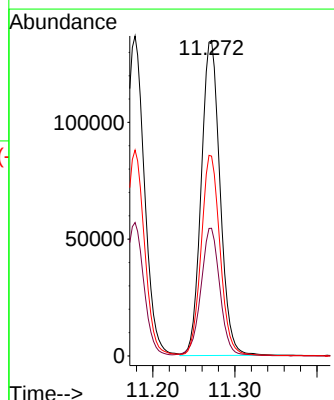
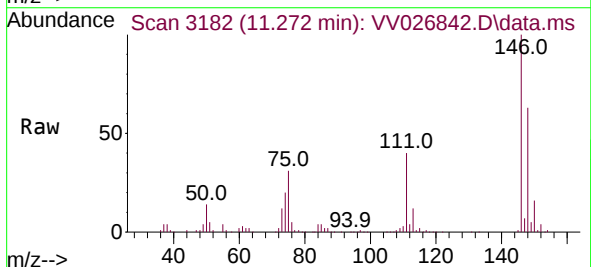
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

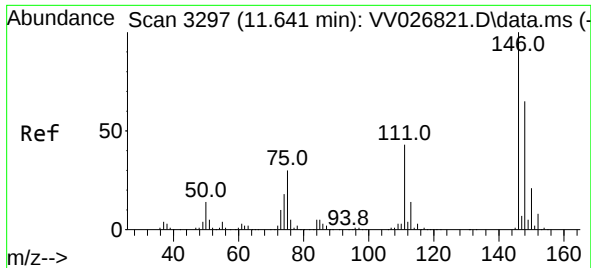
Tgt Ion:146 Resp: 214658
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.7
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.279 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion:146 Resp: 214935
Ion Ratio Lower Upper
146 100
111 40.5 26.8 49.8
148 63.4 43.3 80.5

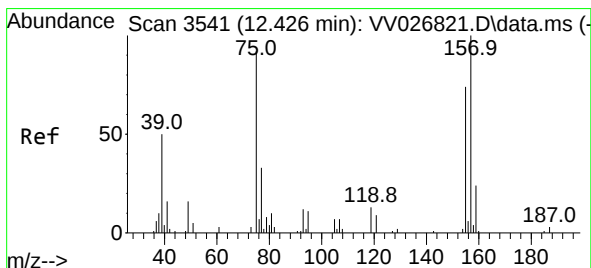
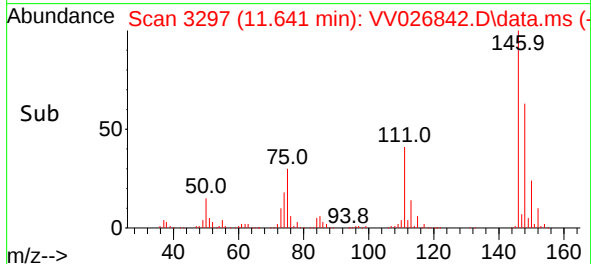
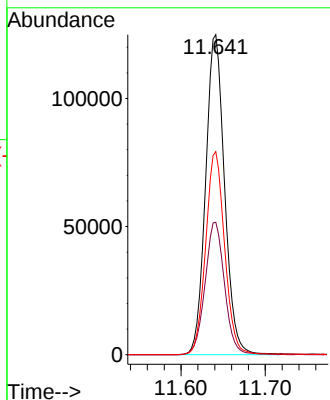
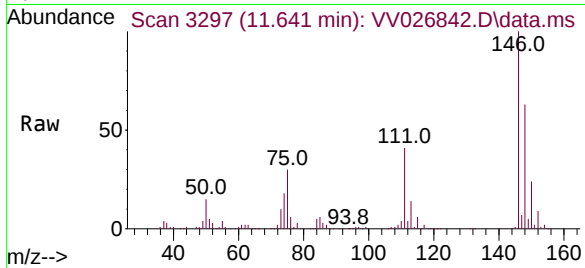




#67
1,2-Dichlorobenzene
Concen: 5.228 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

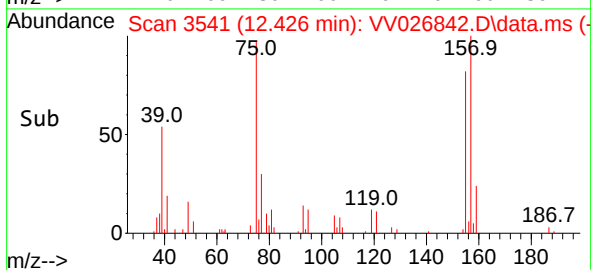
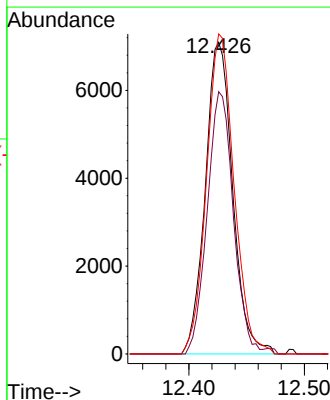
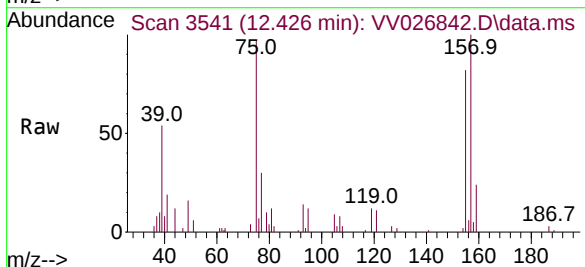
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

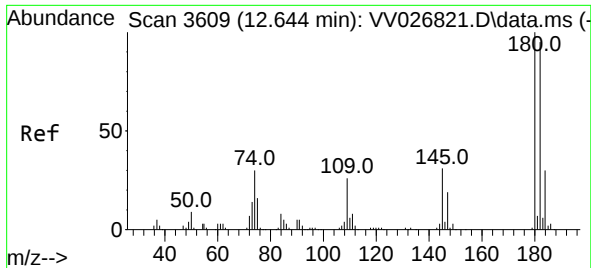
Tgt Ion:146 Resp: 195486
Ion Ratio Lower Upper
146 100
111 41.4 34.6 52.0
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.572 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion: 75 Resp: 11712
Ion Ratio Lower Upper
75 100
155 84.2 60.3 90.5
157 102.7 78.2 117.4

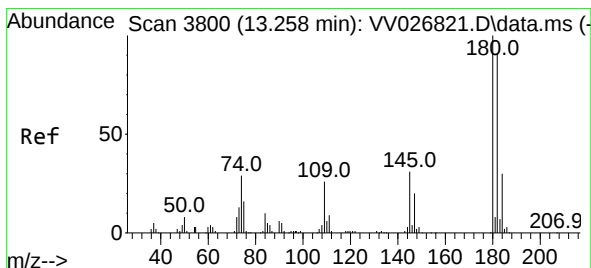
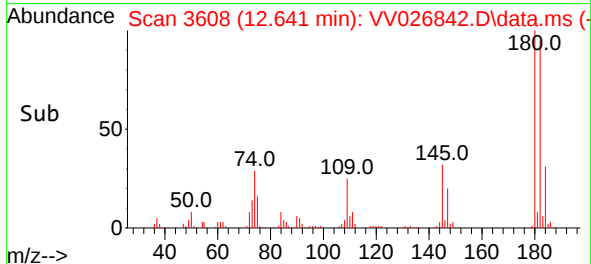
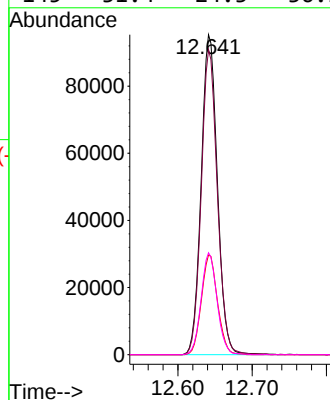
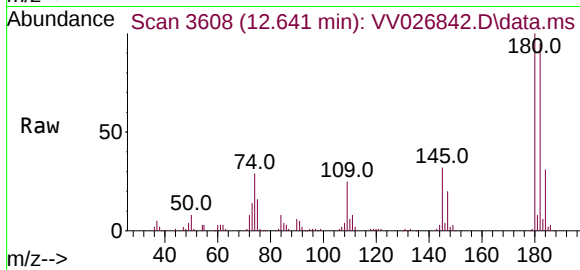




#69
1,3,5-Trichlorobenzene
Concen: 5.103 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

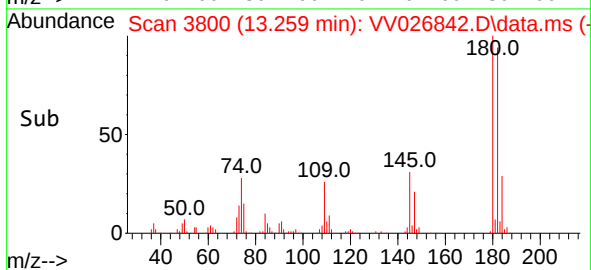
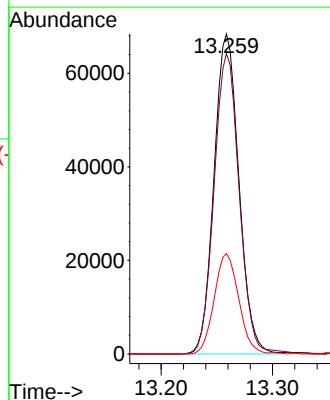
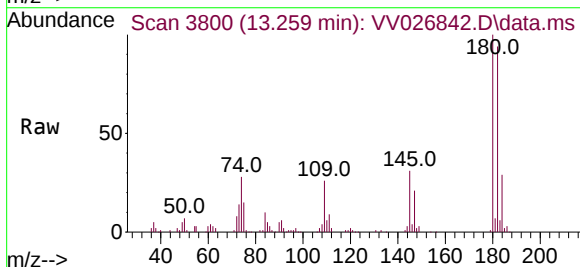
Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

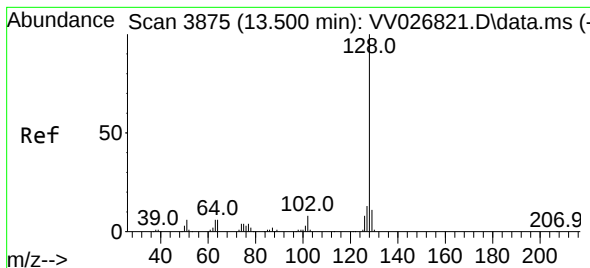
Tgt Ion:180 Resp: 144440
Ion Ratio Lower Upper
180 100
182 94.6 74.0 111.0
184 30.9 23.1 34.7
145 31.4 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 4.927 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV026842.D
Acq: 20 Jul 2022 09:33

Tgt Ion:180 Resp: 106038
Ion Ratio Lower Upper
180 100
182 94.9 74.7 112.1
145 30.9 24.7 37.1





#71

Naphthalene

Concen: 4.135 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005361

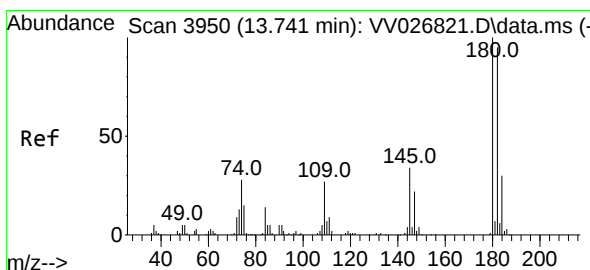
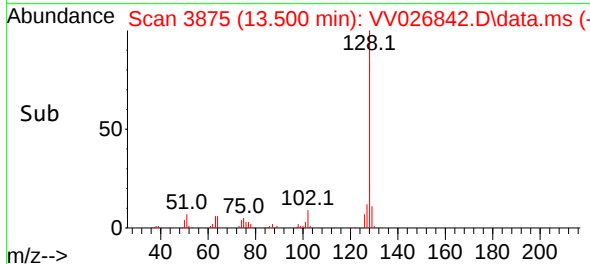
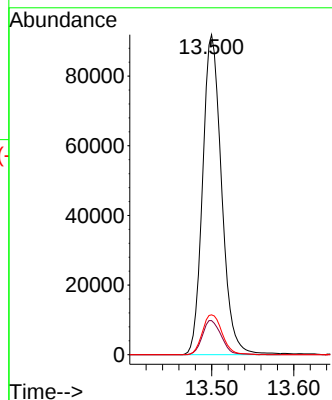
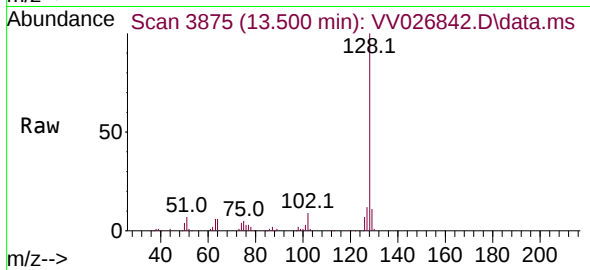
Tgt Ion:128 Resp: 147457

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.762 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026842.D

Acq: 20 Jul 2022 09:33

Tgt Ion:180 Resp: 95374

Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

145 33.1 26.0 39.0

