

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022856.D
 Acq On : 18 Oct 2021 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Oct 19 01:37:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	124935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47893	5.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%
7) Chloroethane-d5	1.568	69	38164	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	79109	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.892	46	88942	39.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.920%
24) Chloroform-d	4.346	84	94529	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.030	65	40549	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	183620	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.066	67	53076	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.313	98	175767	5.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	7.622	79	17729	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.088	63	71053	48.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35886	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	62467	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45333	4.979	ug/L	100
3) Chloromethane	1.240	50	49033	5.358	ug/L	99
5) Vinyl chloride	1.310	62	49096	5.192	ug/L	98
6) Bromomethane	1.519	94	29166	4.948	ug/L	99
8) Chloroethane	1.584	64	27527	4.705	ug/L	100
9) Trichlorofluoromethane	1.751	101	68414	4.940	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39736	4.932	ug/L	94
12) 1,1-Dichloroethene	2.117	96	35541	4.710	ug/L	91
13) Acetone	2.182	43	58597	46.625	ug/L #	47
14) Carbon disulfide	2.291	76	119794	5.648	ug/L	99
15) Methyl Acetate	2.436	43	13640	3.793	ug/L	98
16) Methylene chloride	2.503	84	46256	4.453	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	78812	4.316	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	43092	5.251	ug/L	94
19) 1,1-Dichloroethane	3.185	63	79436	5.374	ug/L	96
21) 2-Butanone	3.976	43	82205	39.948	ug/L #	70
22) cis-1,2-Dichloroethene	3.908	96	44565	5.171	ug/L	100
23) Bromochloromethane	4.246	128	20345	5.314	ug/L	91
25) Chloroform	4.371	83	80295	4.686	ug/L	99

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 ALS Vial : 2 Sample Multiplier: 1

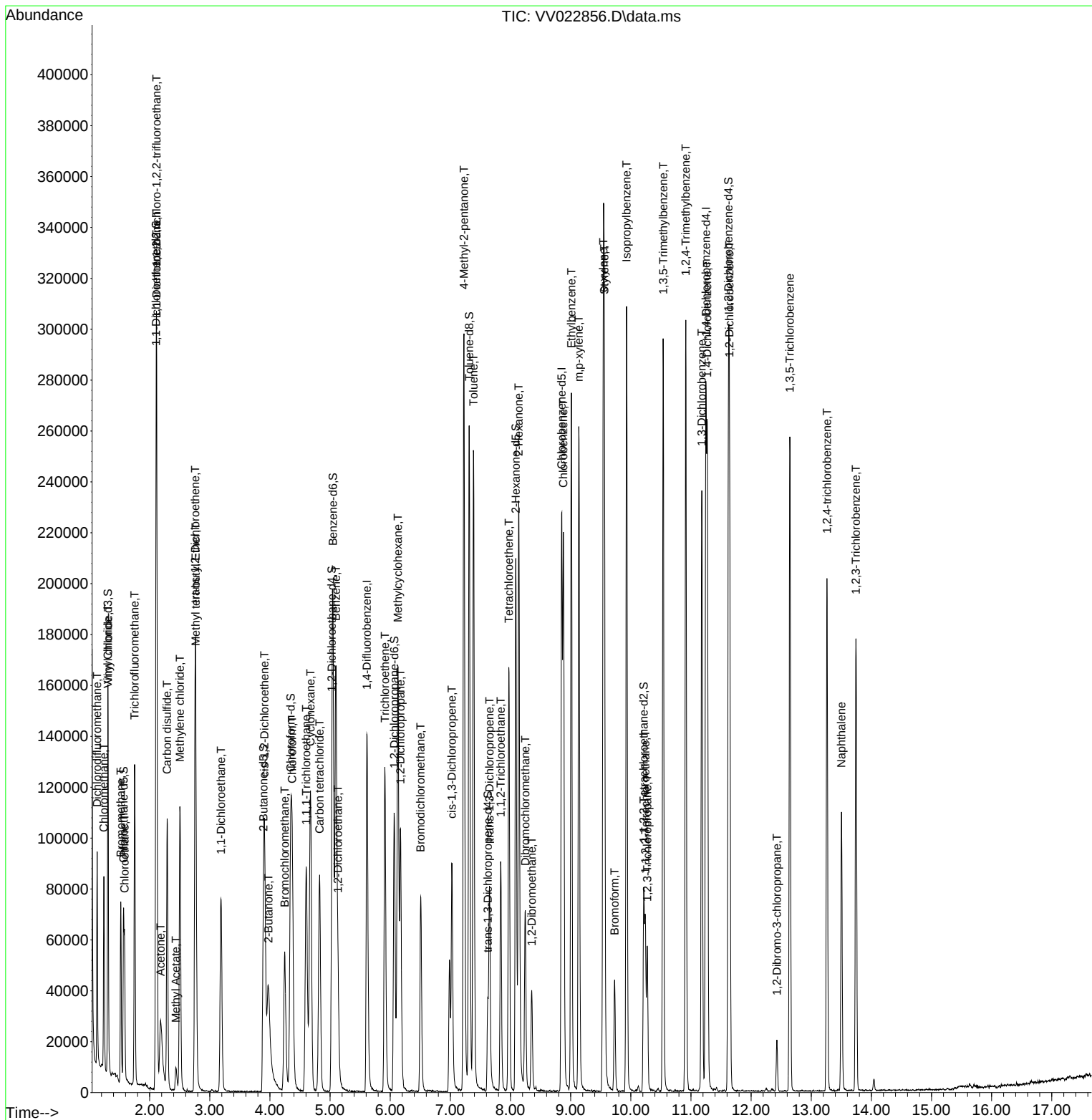
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

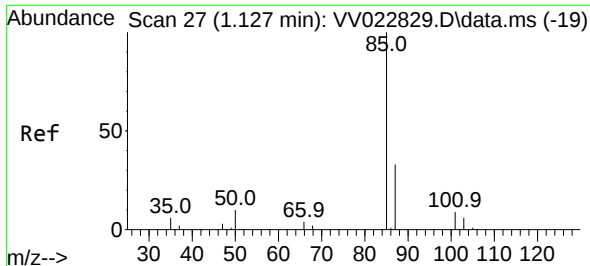
Quant Time: Oct 19 01:37:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41400	4.841	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	72513	5.137	ug/L	99
30) Cyclohexane	4.674	56	61622	4.731	ug/L	99
31) Carbon tetrachloride	4.825	117	63243	5.162	ug/L	100
33) Benzene	5.098	78	169140	5.080	ug/L	100
34) Trichloroethene	5.911	95	44079	4.869	ug/L	97
35) Methylcyclohexane	6.127	83	66916	5.276	ug/L	95
37) 1,2-Dichloropropane	6.172	63	40080	5.006	ug/L	100
38) Bromodichloromethane	6.506	83	52059	5.276	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	55309	5.218	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	196621	45.700	ug/L	99
42) Toluene	7.384	91	187187	5.538	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	47529	5.500	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	28022	4.716	ug/L	97
47) Tetrachloroethene	7.972	164	38308	5.232	ug/L	97
48) 2-Hexanone	8.136	43	145440	46.233	ug/L	98
49) Dibromochloromethane	8.246	129	36233	5.209	ug/L	93
50) 1,2-Dibromoethane	8.352	107	26225	4.727	ug/L	99
51) Chlorobenzene	8.879	112	119888	5.398	ug/L	99
52) Ethylbenzene	9.011	91	187026	5.450	ug/L	98
53) m,p-xylene	9.136	106	74465	5.530	ug/L	97
54) o-xylene	9.545	106	69761	5.506	ug/L	95
55) Styrene	9.561	104	124111	5.685	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	32003	5.324	ug/L	98
59) Bromoform	9.731	173	19923	5.057	ug/L	96
60) Isopropylbenzene	9.931	105	191083	5.349	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21963	4.495	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	152312	5.277	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	160036	5.540	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100410	5.355	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	101031	5.307	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	90742	5.159	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4733	5.322	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	82090	5.812	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	62937	5.833	ug/L	98
71) Naphthalene	13.503	128	87948	5.128	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56645	5.568	ug/L	100

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

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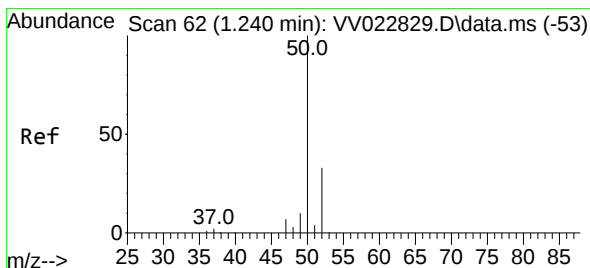
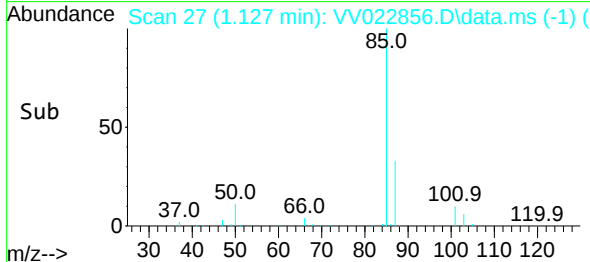
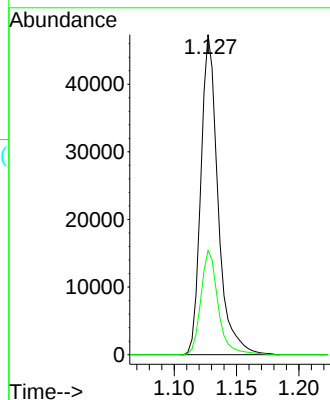
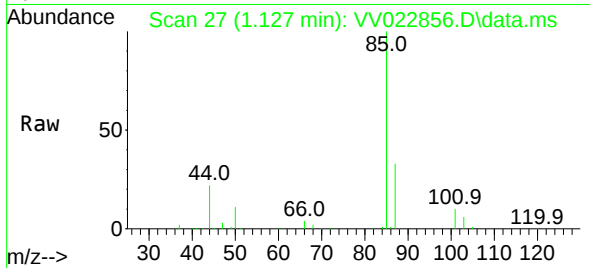




#2
 Dichlorodifluoromethane
 Concen: 4.979 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

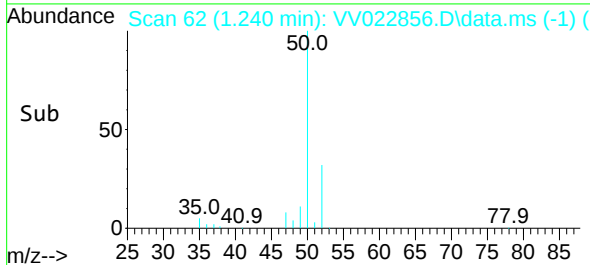
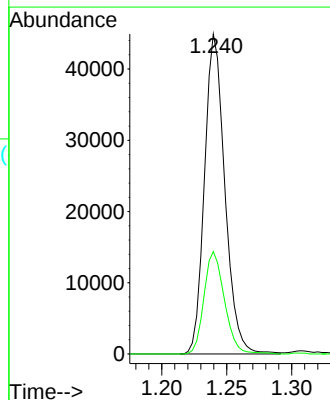
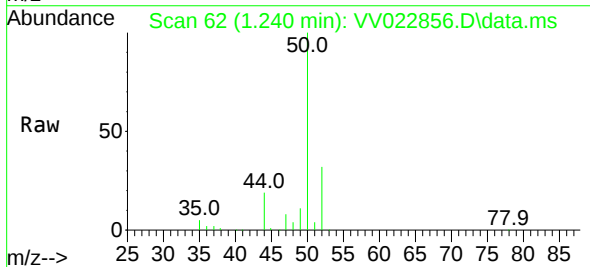
Instrument :
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 ClientSampleId :
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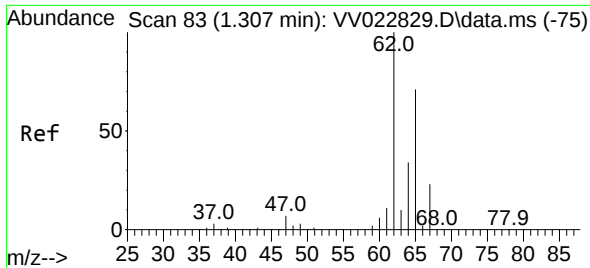
Tgt Ion: 85 Resp: 45333
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5



#3
 Chloromethane
 Concen: 5.358 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

Tgt Ion: 50 Resp: 49033
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.9 42.5

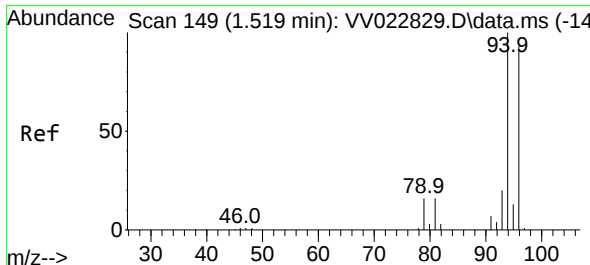
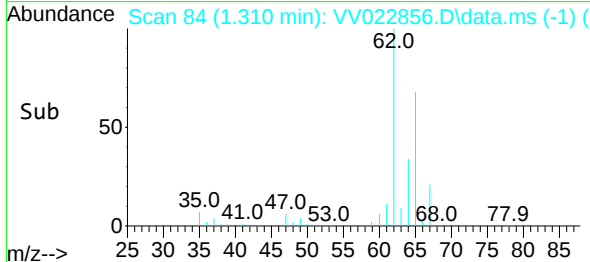
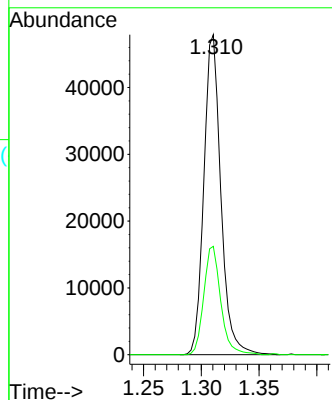
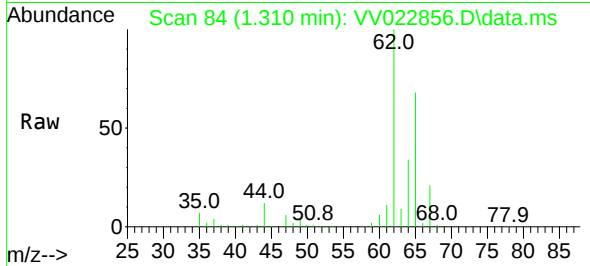




#5
 Vinyl chloride
 Concen: 5.192 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

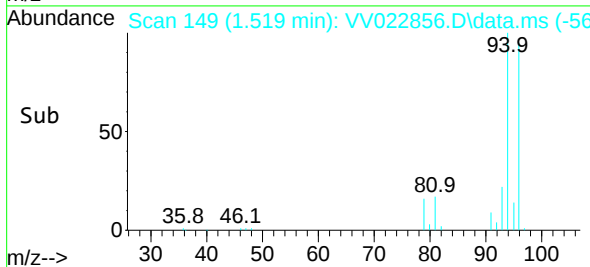
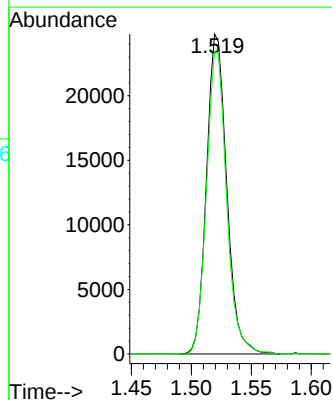
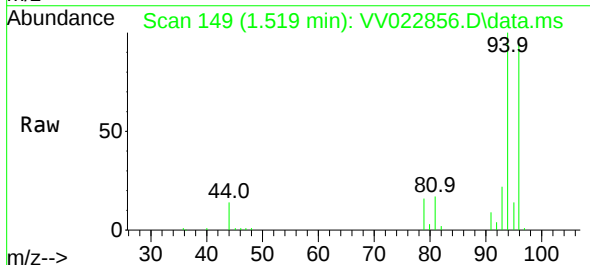
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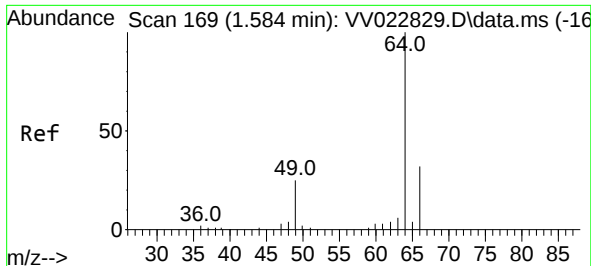
Tgt Ion: 62 Resp: 49096
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.0 42.8



#6
 Bromomethane
 Concen: 4.948 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

Tgt Ion: 94 Resp: 29166
 Ion Ratio Lower Upper
 94 100
 96 94.7 67.2 124.8

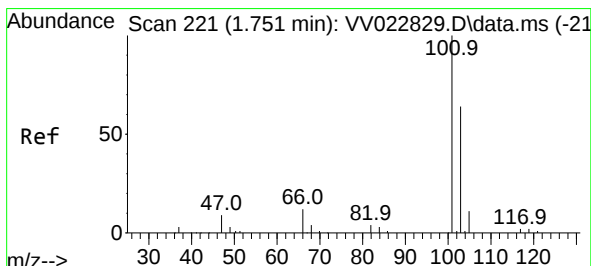
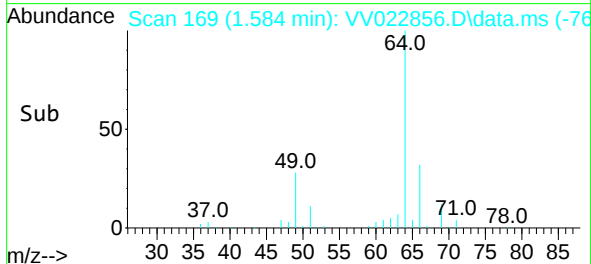
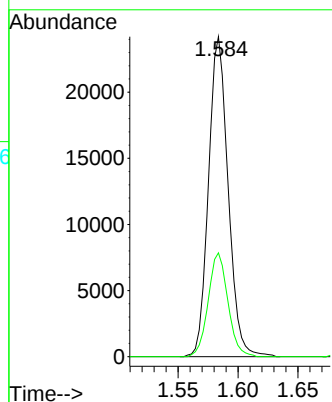
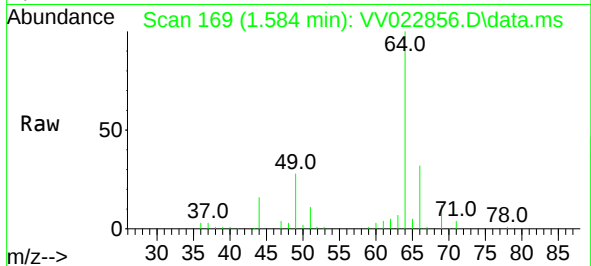




#8
Chloroethane
Concen: 4.705 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

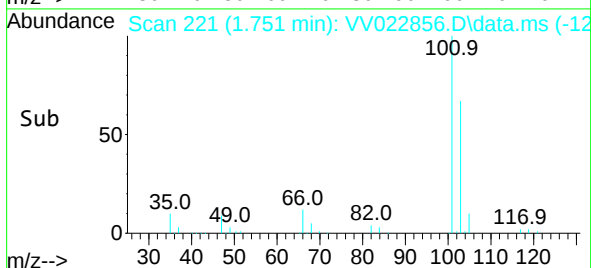
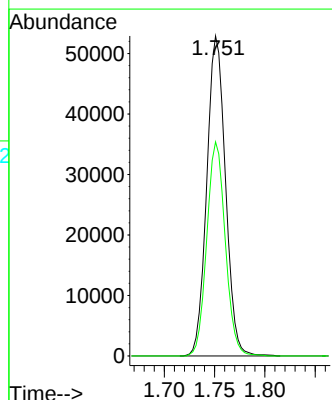
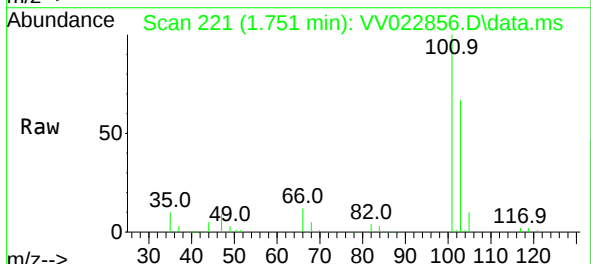
Instrument :
MSVOA_V
ClientSampled :
VSTD005314

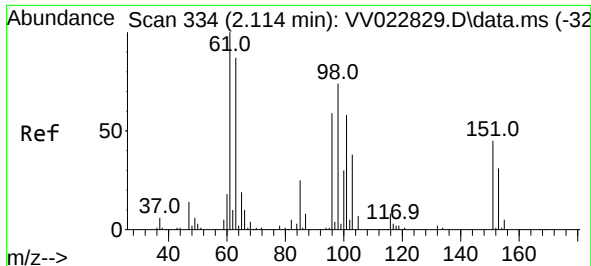
Tgt Ion: 64 Resp: 27527
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.940 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion:101 Resp: 68414
Ion Ratio Lower Upper
101 100
103 66.1 50.3 75.5





#10

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

Concen: 4.932 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion:101 Resp: 39736

Ion Ratio Lower Upper

101 100

85 41.2 34.6 52.0

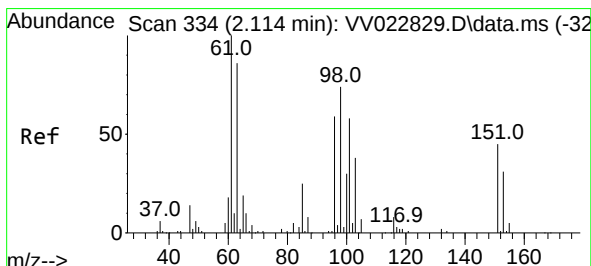
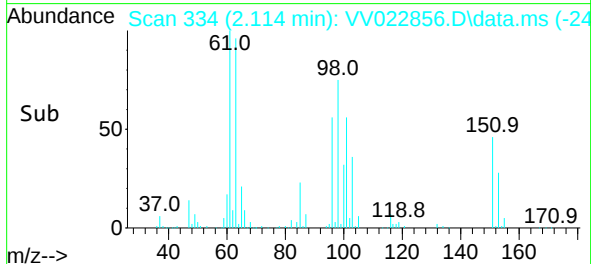
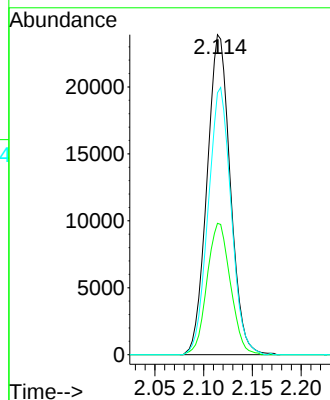
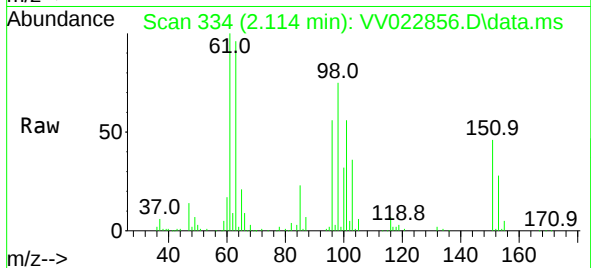
151 82.6 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314



#12

1,1-Dichloroethene

Concen: 4.710 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

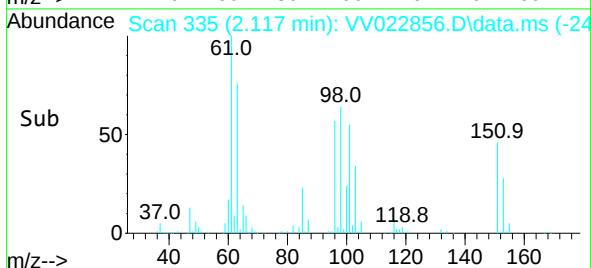
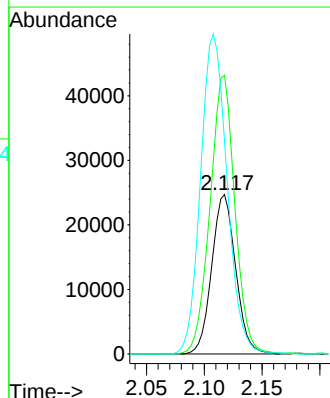
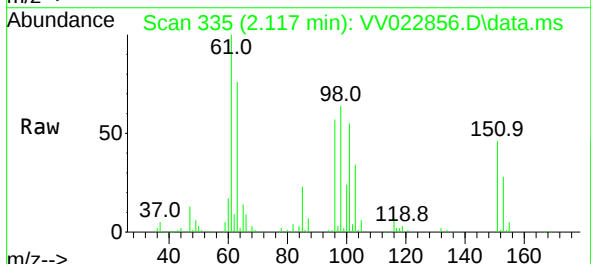
Tgt Ion: 96 Resp: 35541

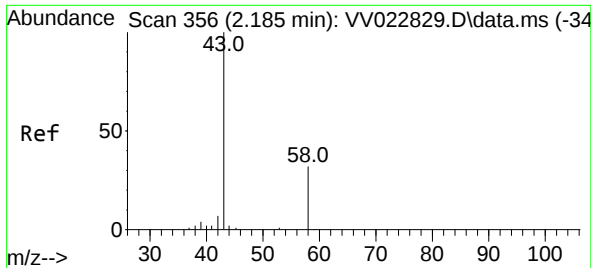
Ion Ratio Lower Upper

96 100

61 175.0 127.3 236.5

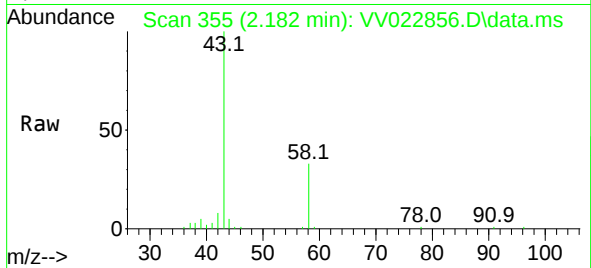
63 133.7 106.2 197.2



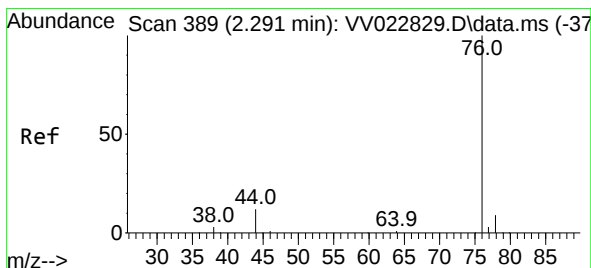
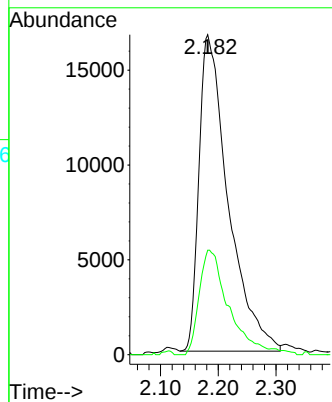
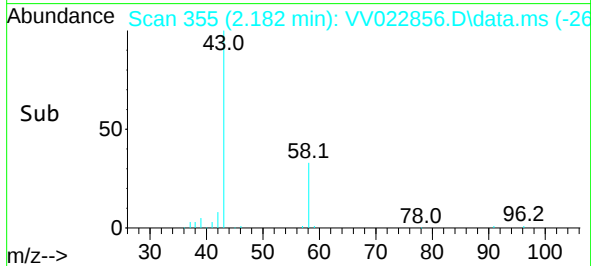


#13
Acetone
Concen: 46.625 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

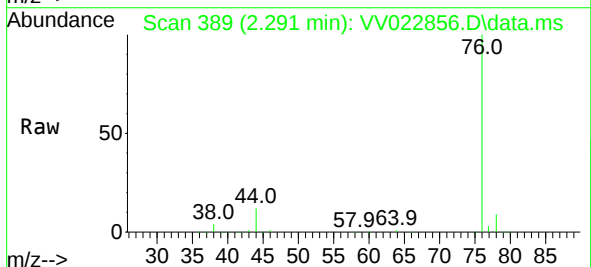
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314



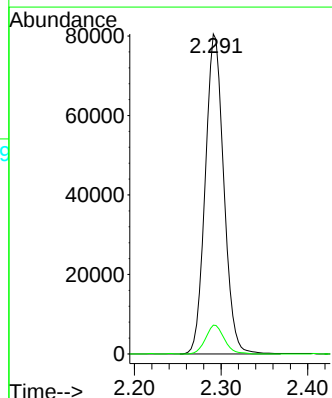
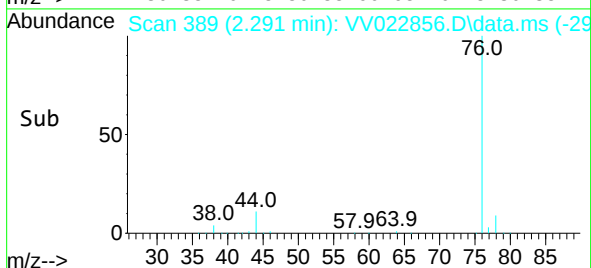
Tgt Ion: 43 Resp: 58597
Ion Ratio Lower Upper
43 100
58 32.8 0.0 24.2#

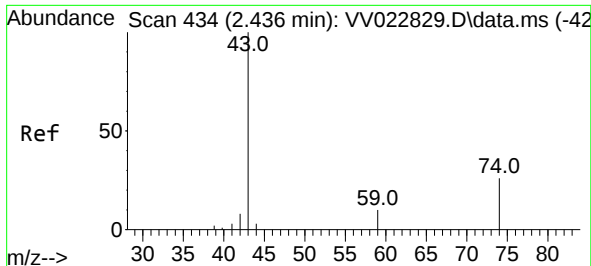


#14
Carbon disulfide
Concen: 5.648 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31



Tgt Ion: 76 Resp: 119794
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

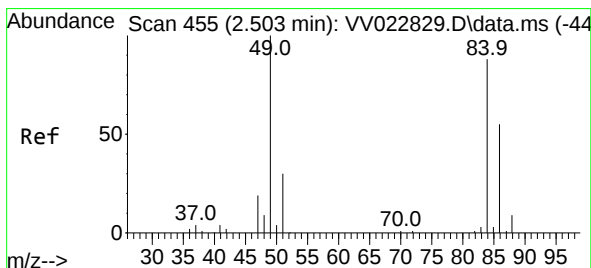
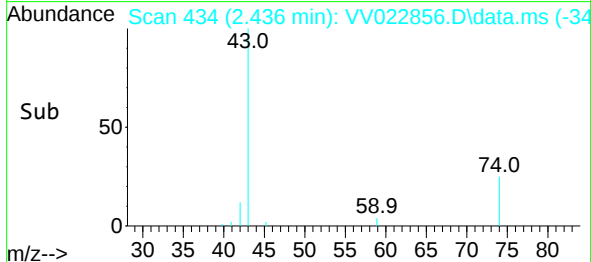
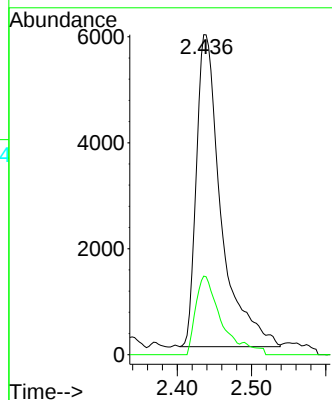
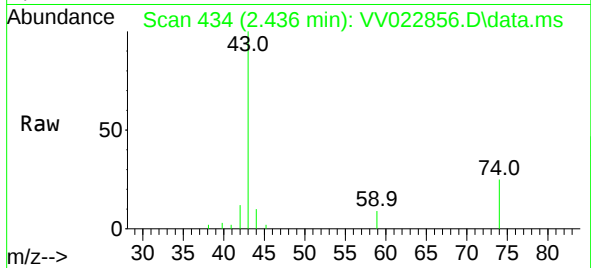




#15
Methyl Acetate
Concen: 3.793 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

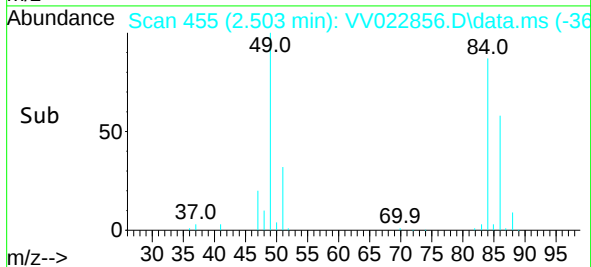
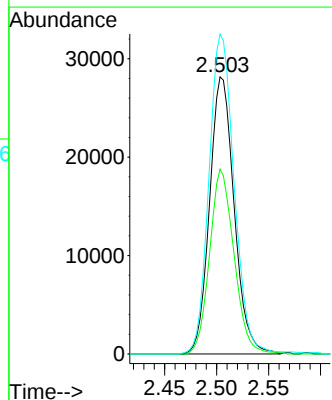
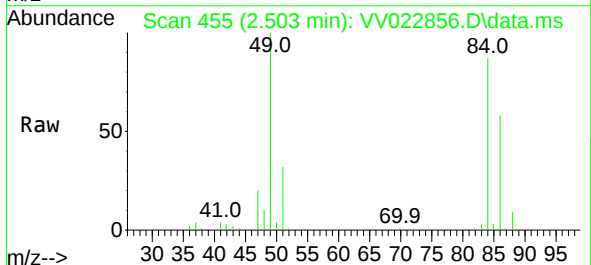
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

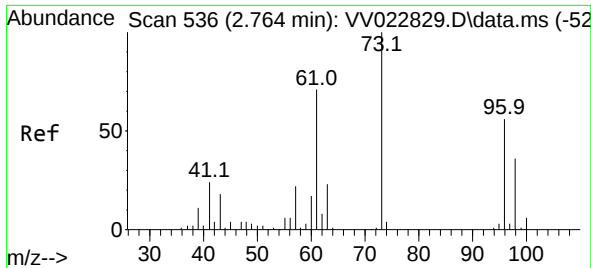
Tgt Ion: 43 Resp: 13640
Ion Ratio Lower Upper
43 100
74 23.9 19.9 29.9



#16
Methylene chloride
Concen: 4.453 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 84 Resp: 46256
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.2
49 115.5 90.3 167.7

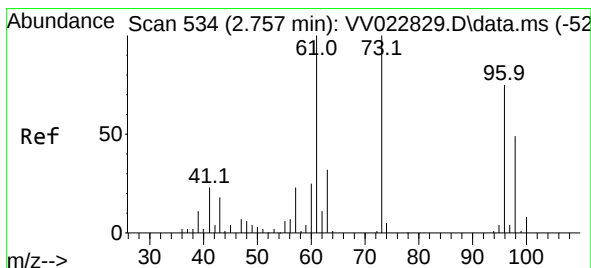
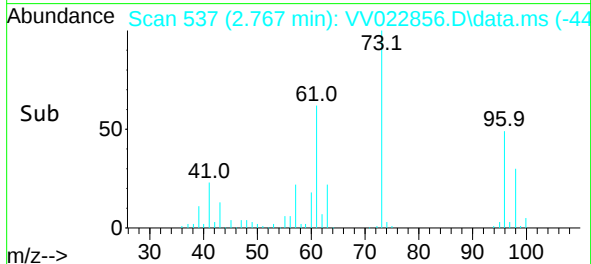
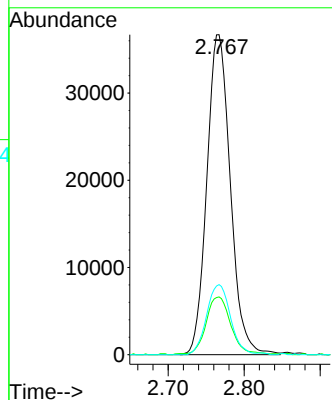
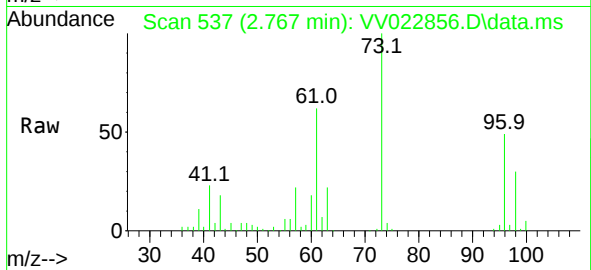




#17
Methyl tert-butyl Ether
Concen: 4.316 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

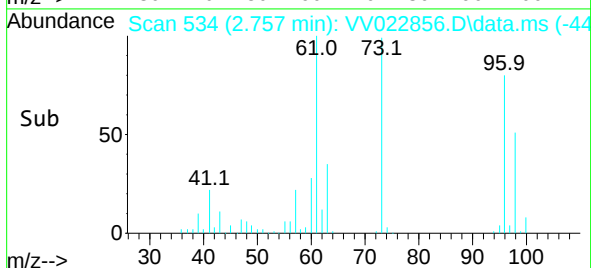
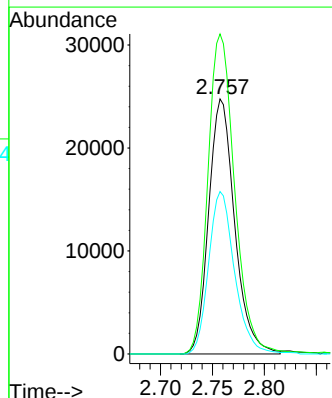
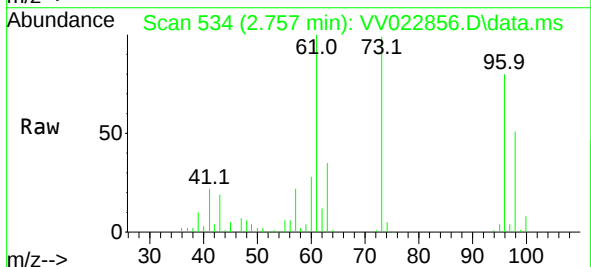
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

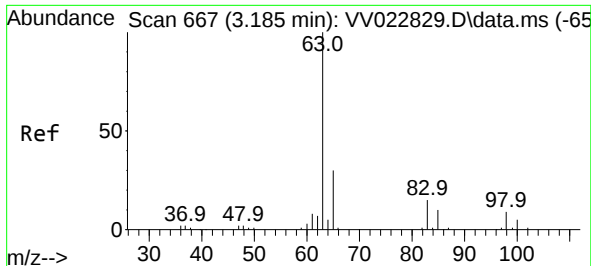
Tgt Ion: 73 Resp: 78812
Ion Ratio Lower Upper
73 100
43 19.2 17.1 25.7
57 22.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.251 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 96 Resp: 43092
Ion Ratio Lower Upper
96 100
61 125.5 94.5 175.5
98 63.7 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.374 ug/L

RT: 3.185 min Scan# 667

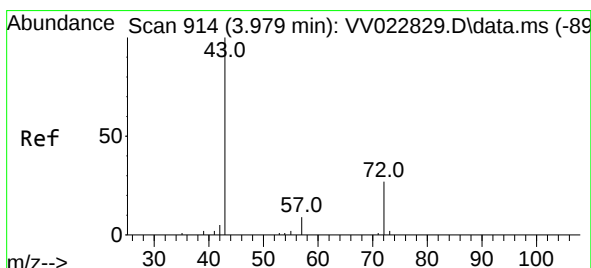
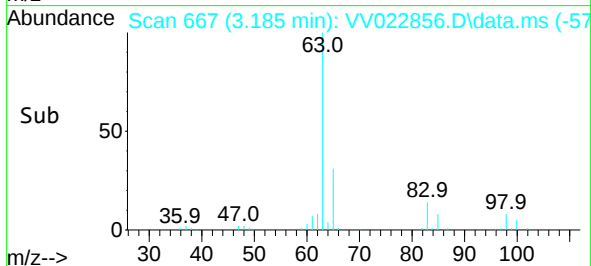
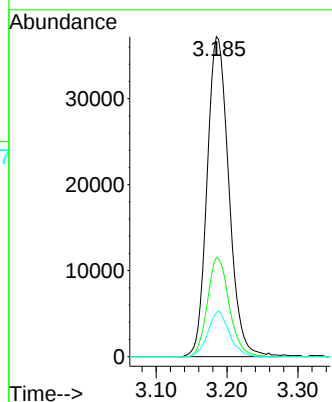
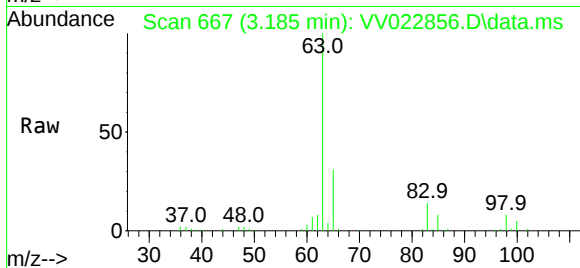
Delta R.T. -0.000 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion:	63	Resp:	79436
Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.5	43.7
83	13.7	10.1	18.7

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314



#21

2-Butanone

Concen: 39.948 ug/L

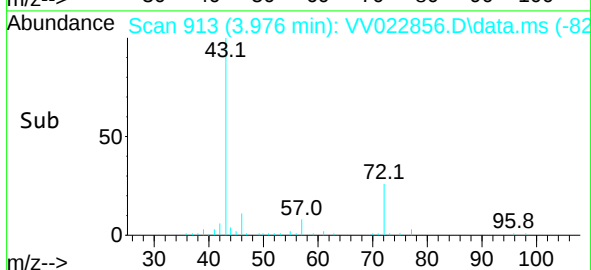
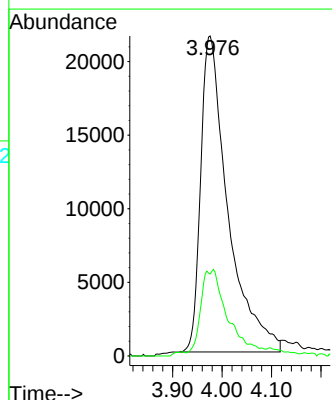
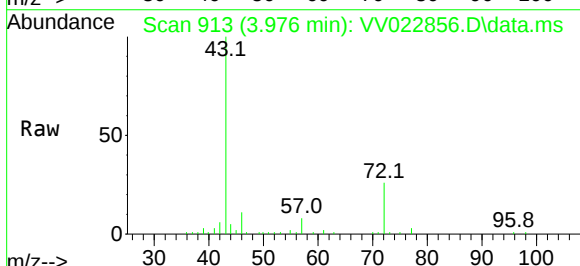
RT: 3.976 min Scan# 913

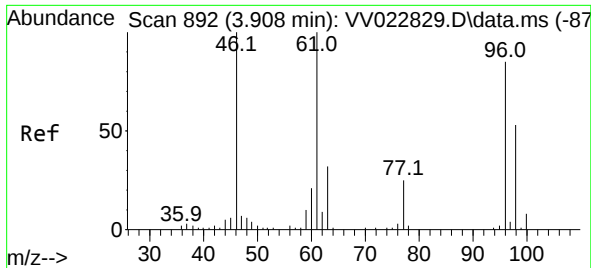
Delta R.T. -0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion:	43	Resp:	82205
Ion	Ratio	Lower	Upper
43	100		
72	9.3	12.3	36.8#

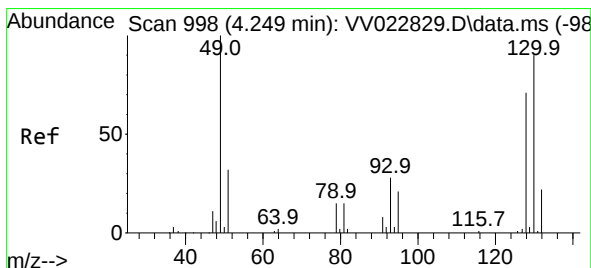
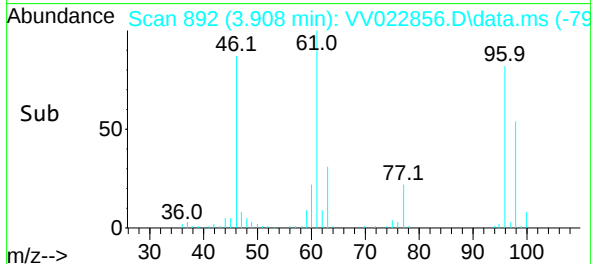
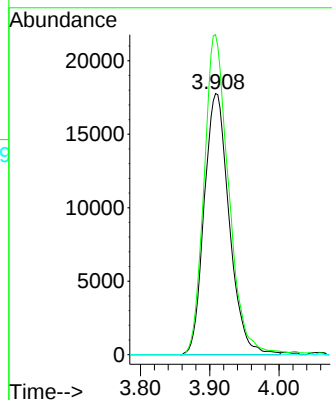
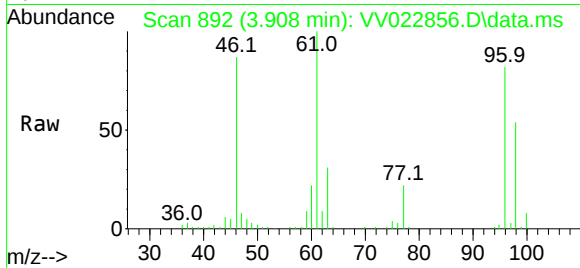




#22
 cis-1,2-Dichloroethene
 Concen: 5.171 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

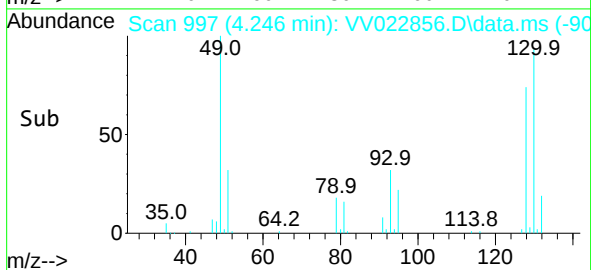
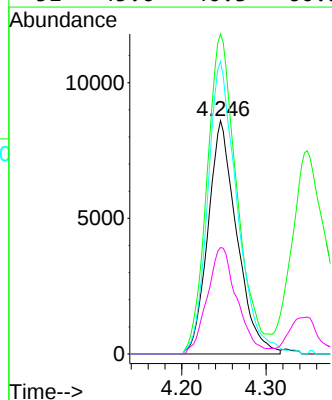
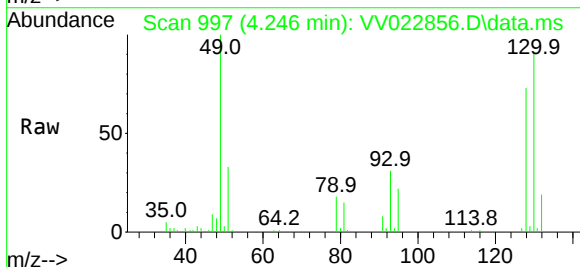
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

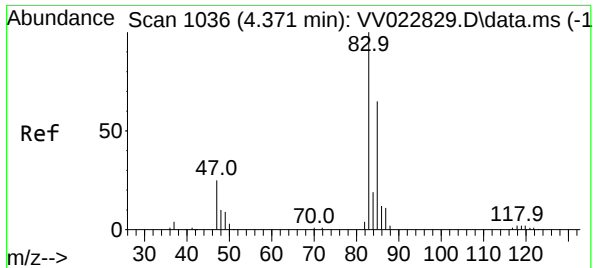
Tgt Ion: 96	Resp: 44565
Ion Ratio	Lower Upper
96 100	
61 122.6	86.0 159.6
68 0.0	0.0 0.0



#23
 Bromochloromethane
 Concen: 5.314 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

Tgt	Ion:128	Resp:	20345
Ion	Ratio	Lower	Upper
128	100		
49	137.2	106.9	198.5
130	125.3	91.9	170.7
51	45.6	40.3	60.5



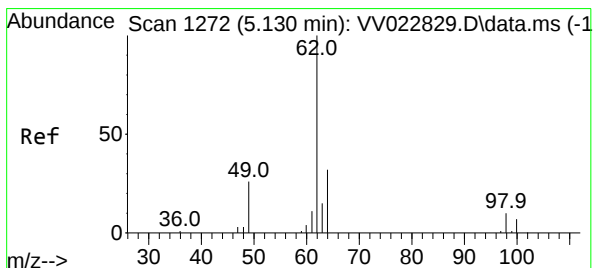
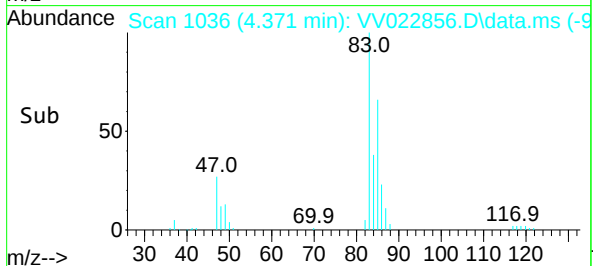
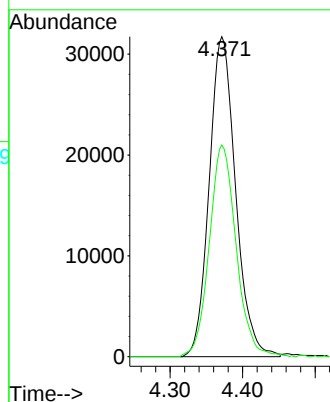
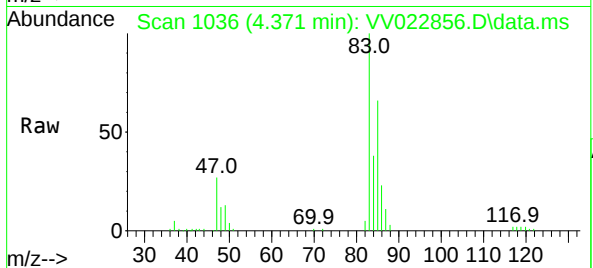


#25

Chloroform
Concen: 4.686 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

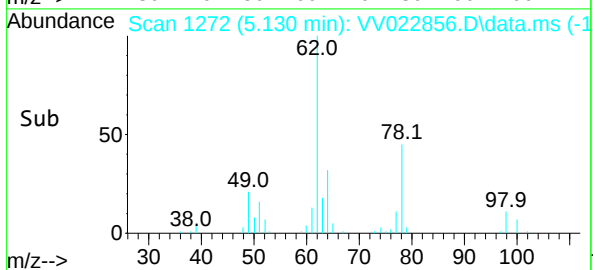
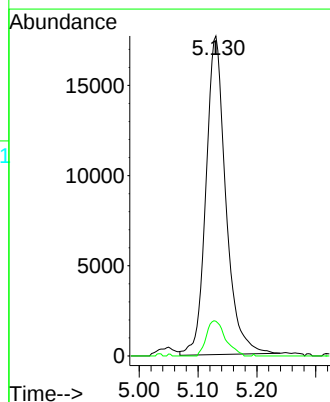
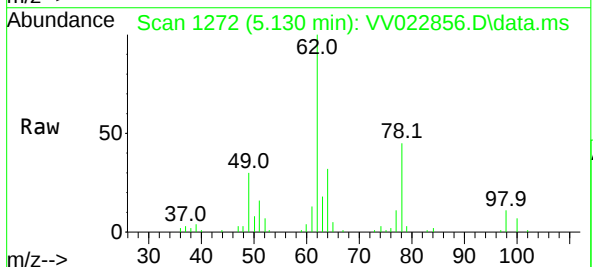
Tgt Ion: 83 Resp: 80295
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9

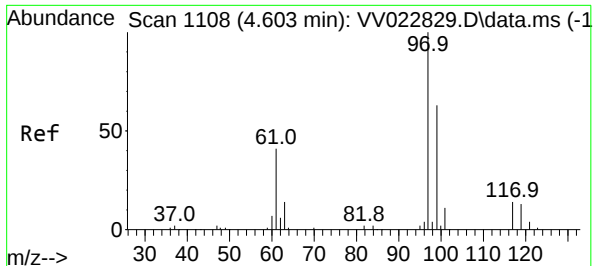


#27

1,2-Dichloroethane
Concen: 4.841 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 62 Resp: 41400
Ion Ratio Lower Upper
62 100
98 10.9 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 5.137 ug/L

RT: 4.606 min Scan# 1109

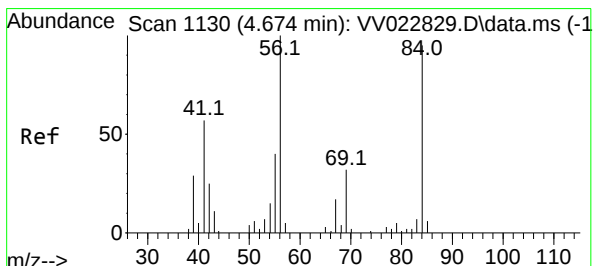
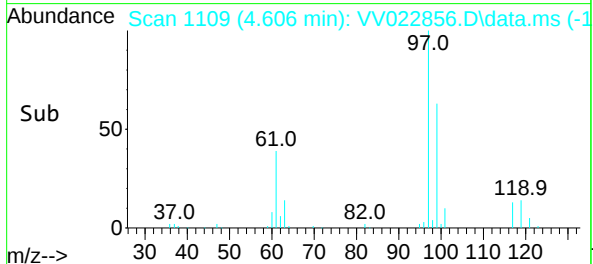
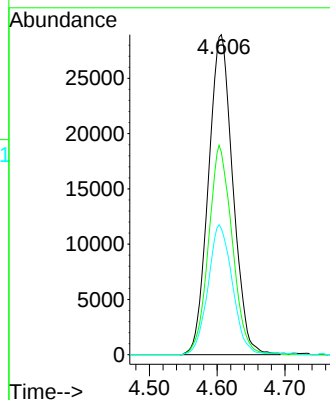
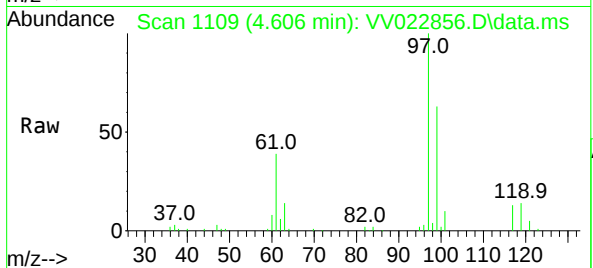
Delta R.T. 0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion: 97 Resp: 72513

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	40.4	33.2	49.8



#30

Cyclohexane

Concen: 4.731 ug/L

RT: 4.674 min Scan# 1130

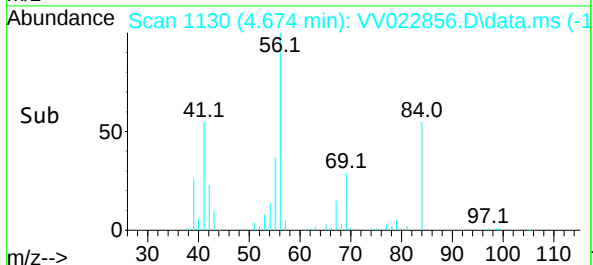
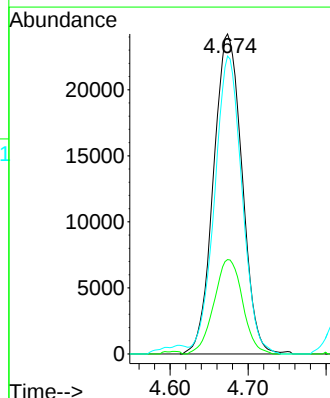
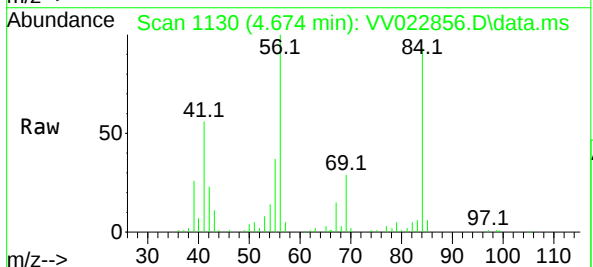
Delta R.T. -0.000 min

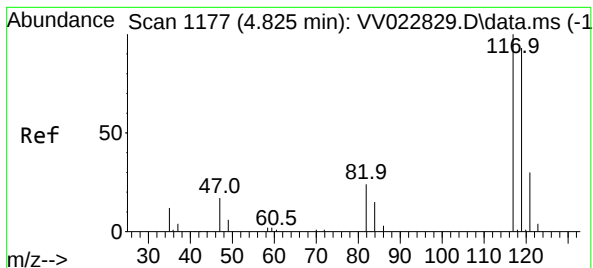
Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion: 56 Resp: 61622

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.9	37.3
84	89.8	72.5	108.7

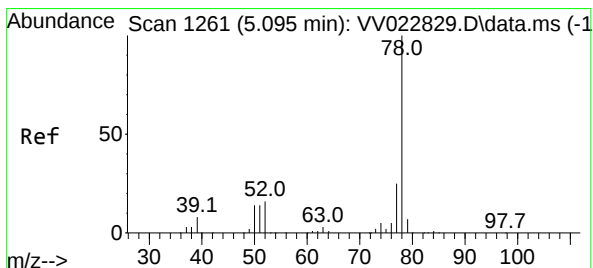
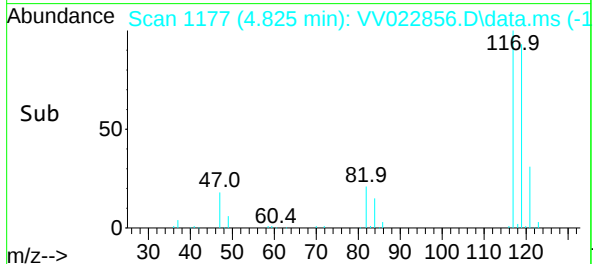
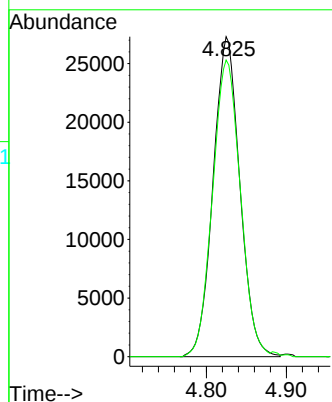
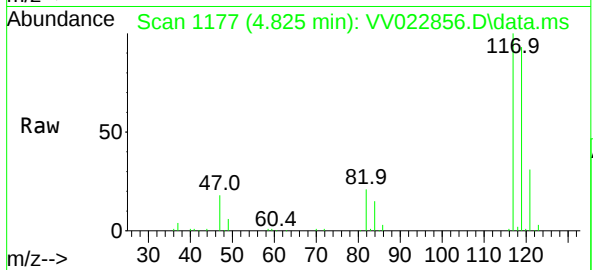




#31
Carbon tetrachloride
Concen: 5.162 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

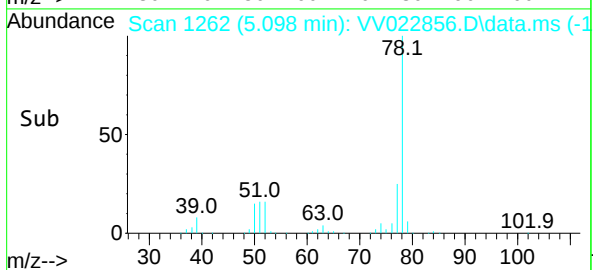
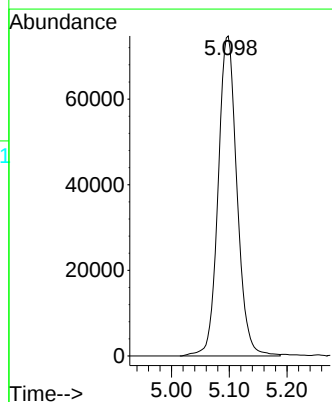
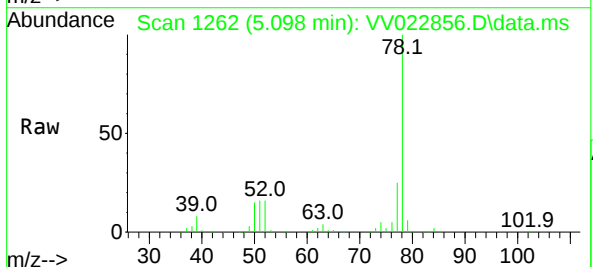
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

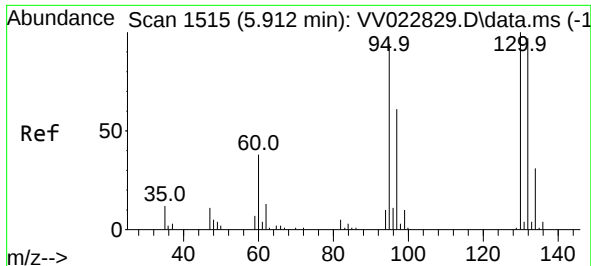
Tgt Ion:117 Resp: 63243
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0



#33
Benzene
Concen: 5.080 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 78 Resp: 169140





#34

Trichloroethene

Concen: 4.869 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion: 95 Resp: 44079

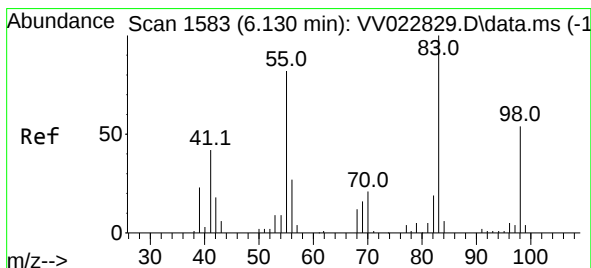
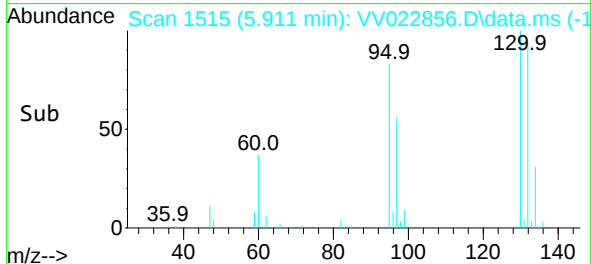
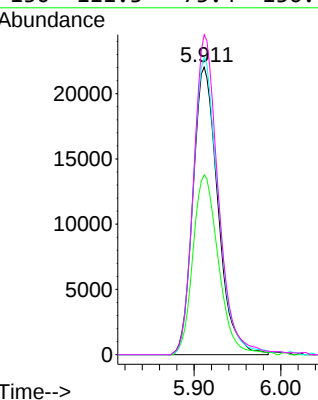
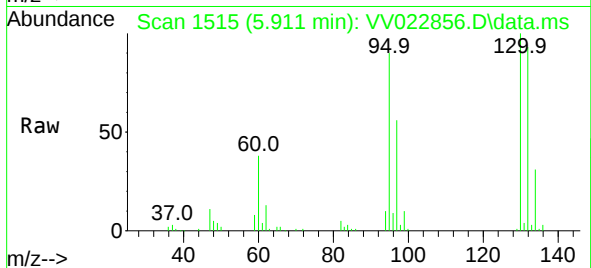
Ion Ratio Lower Upper

95 100

97 62.5 45.8 85.2

132 103.4 72.2 134.0

130 111.3 73.4 136.4



#35

Methylcyclohexane

Concen: 5.276 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

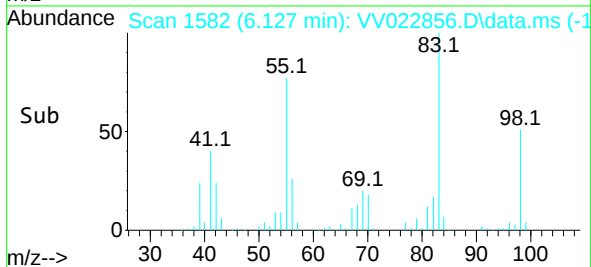
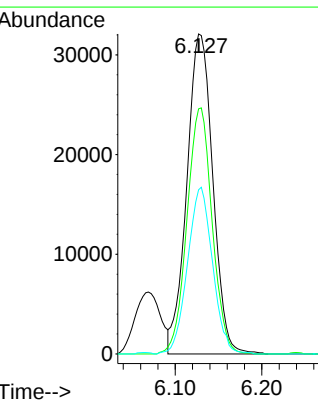
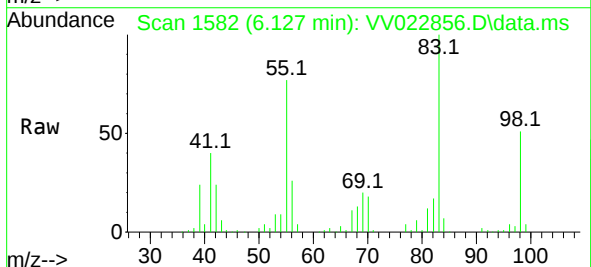
Tgt Ion: 83 Resp: 66916

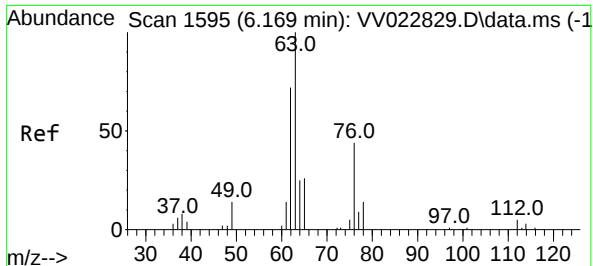
Ion Ratio Lower Upper

83 100

55 74.5 63.8 95.6

98 50.2 42.1 63.1



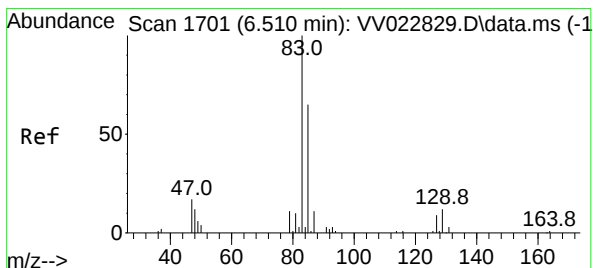
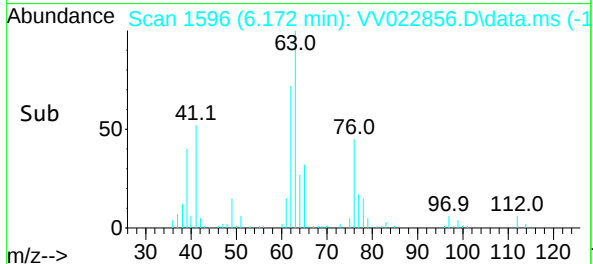
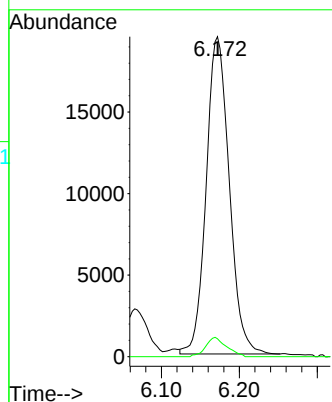
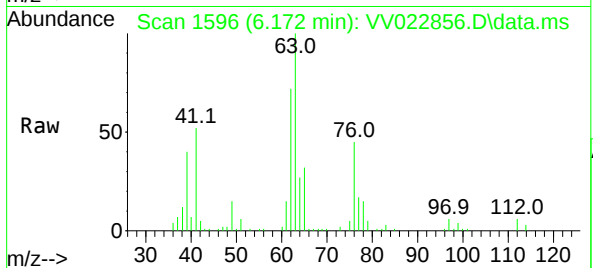


#37

1,2-Dichloropropane
Concen: 5.006 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

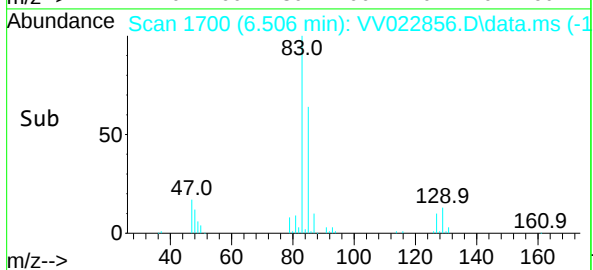
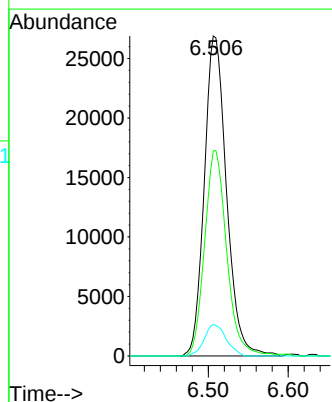
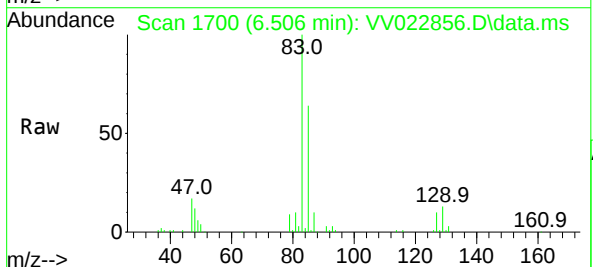
Tgt Ion: 63 Resp: 40080
Ion Ratio Lower Upper
63 100
112 5.5 4.4 6.6

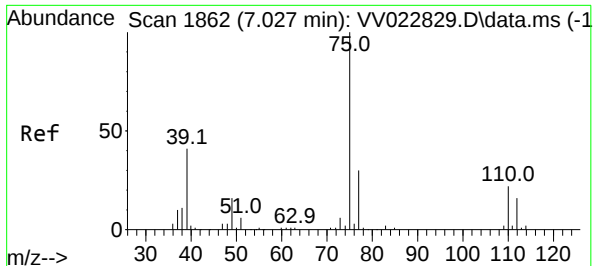


#38

Bromodichloromethane
Concen: 5.276 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 83 Resp: 52059
Ion Ratio Lower Upper
83 100
85 64.0 44.3 82.3
127 9.8 7.7 11.5

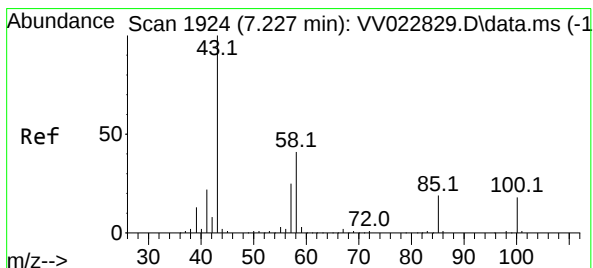
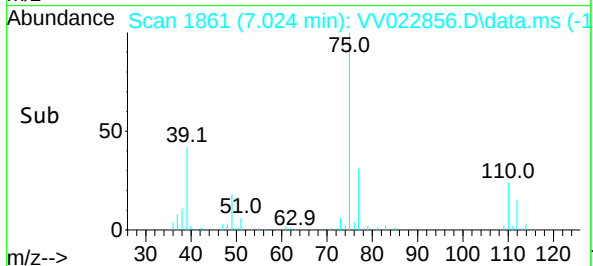
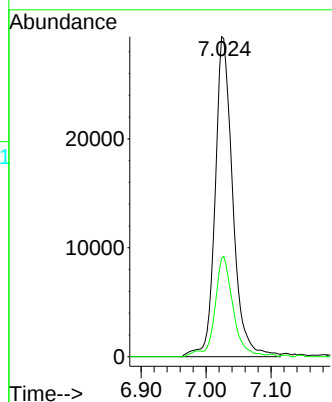
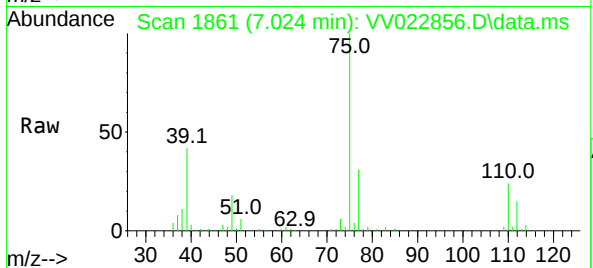




#39
 cis-1,3-Dichloropropene
 Concen: 5.218 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

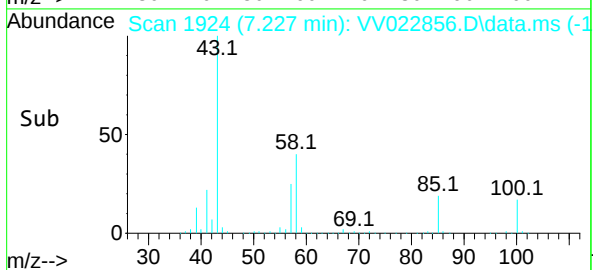
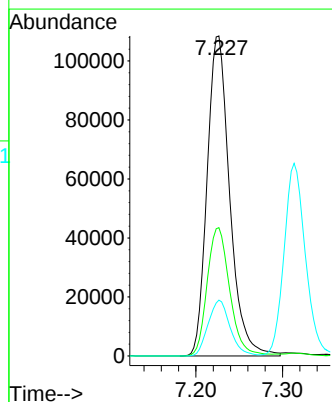
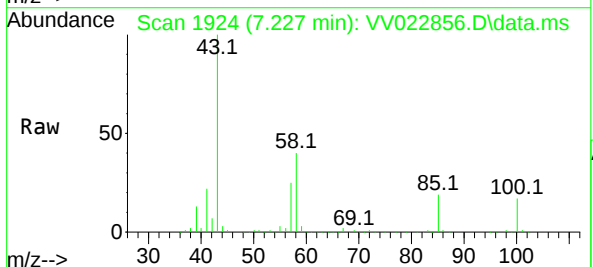
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD005314

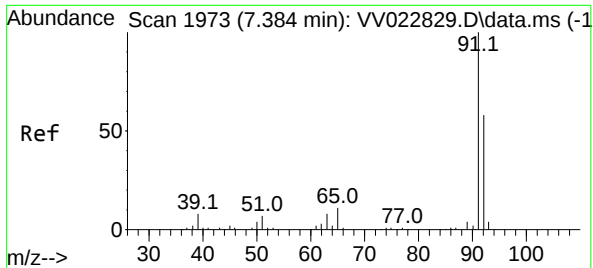
Tgt Ion: 75 Resp: 55309
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 45.700 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022856.D
 Acq: 18 Oct 2021 10:31

Tgt Ion: 43 Resp: 196621
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0
 100 16.9 14.2 21.2

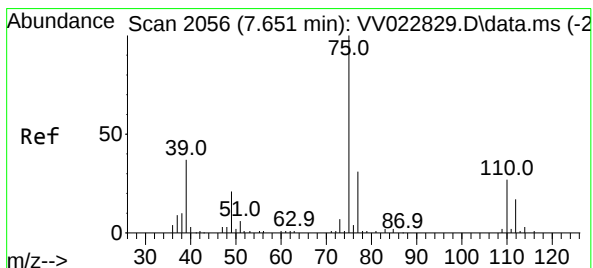
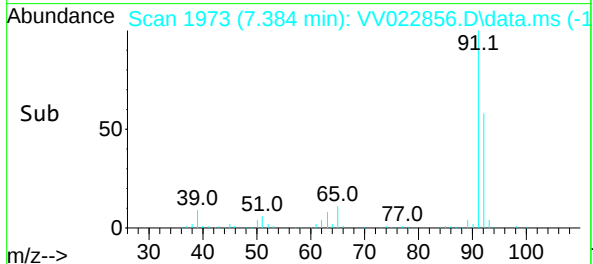
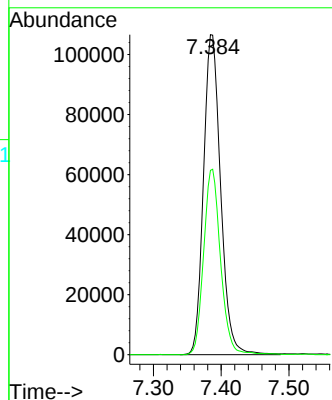
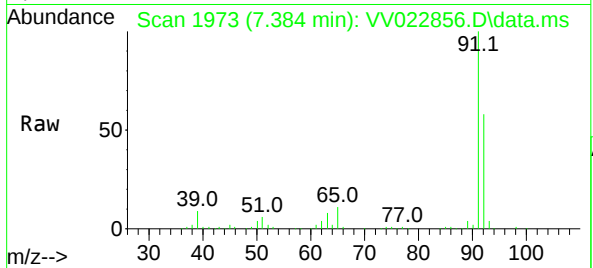




#42
Toluene
Concen: 5.538 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

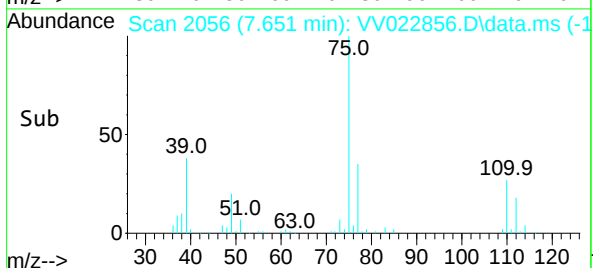
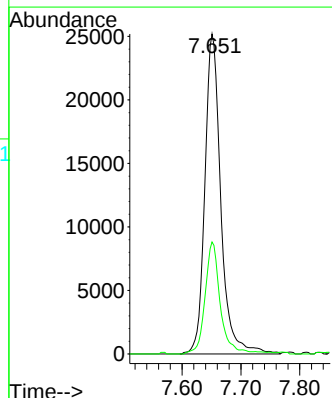
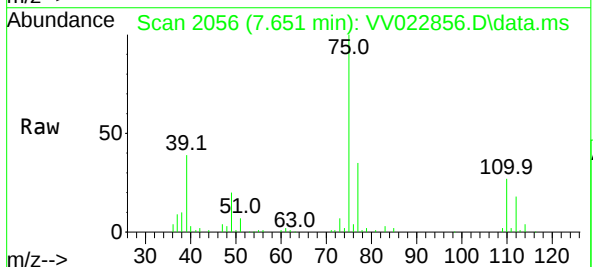
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

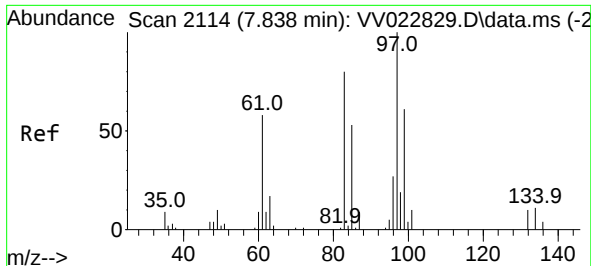
Tgt Ion: 91 Resp: 187187
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.500 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 75 Resp: 47529
Ion Ratio Lower Upper
75 100
77 35.0 23.9 44.5





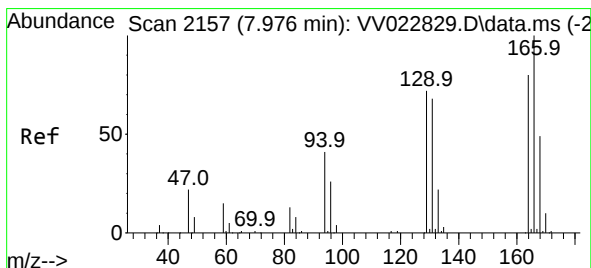
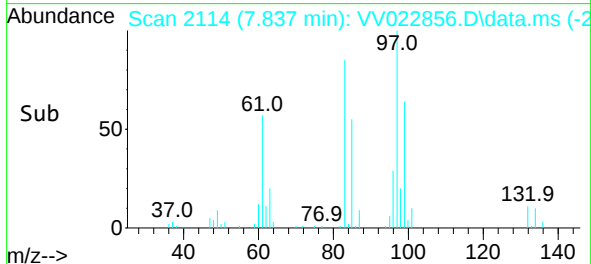
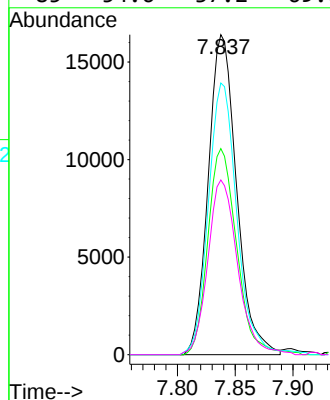
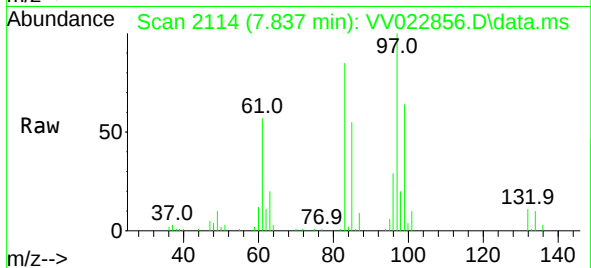
#45

1,1,2-Trichloroethane
Concen: 4.716 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

Tgt Ion: 97 Resp: 28022

Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.5	82.7
83	84.9	56.6	105.0
85	54.6	37.2	69.0

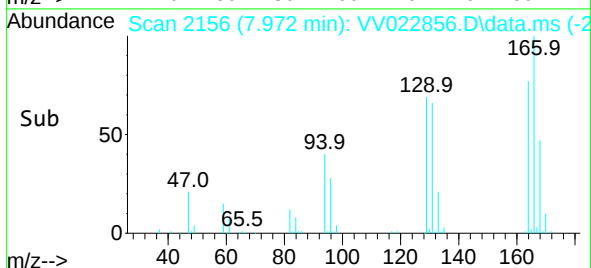
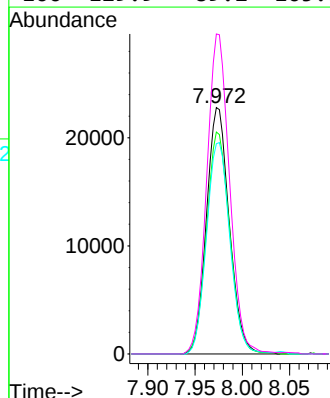
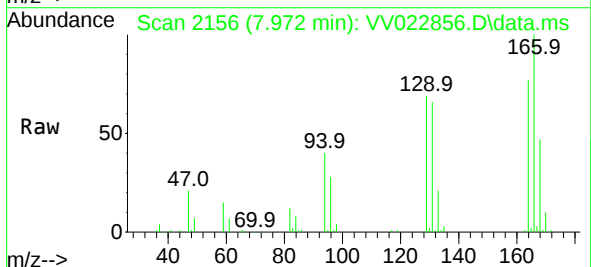


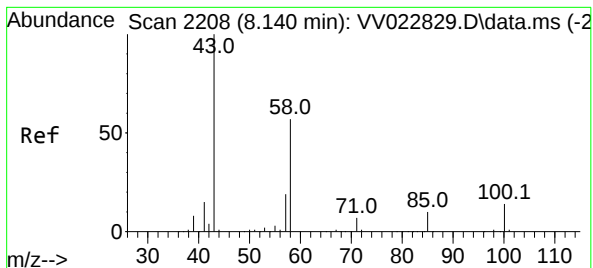
#47

Tetrachloroethene
Concen: 5.232 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 164 Resp: 38308

Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.0	120.6
131	85.4	62.2	115.4
166	129.9	89.2	165.8





#48

2-Hexanone

Concen: 46.233 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion: 43 Resp: 145440

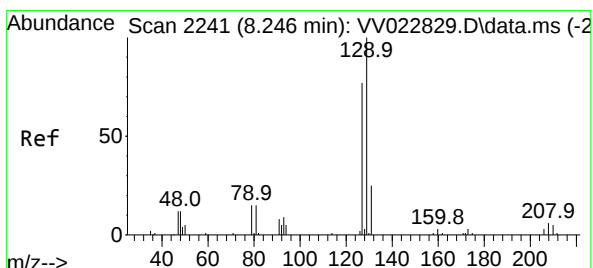
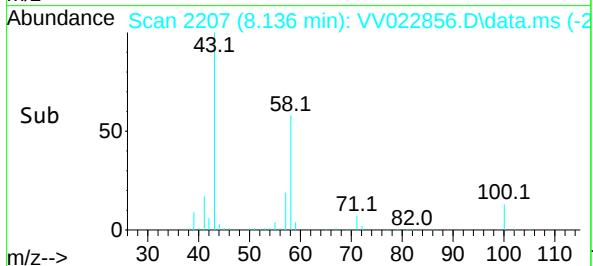
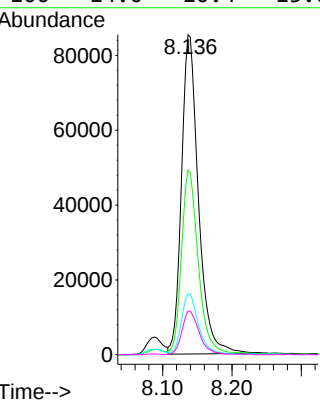
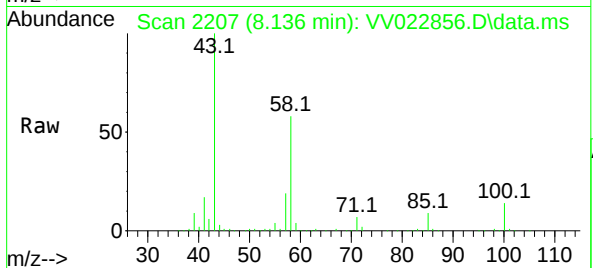
Ion Ratio Lower Upper

43 100

58 57.3 47.4 71.0

57 19.1 15.3 22.9

100 14.0 10.4 15.6



#49

Dibromochloromethane

Concen: 5.209 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV022856.D

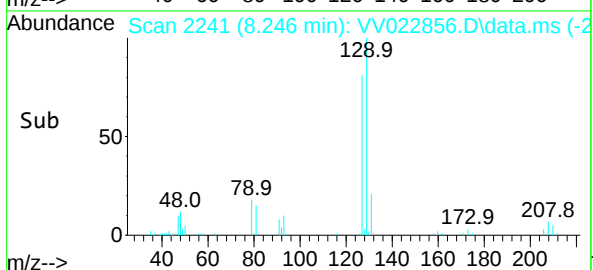
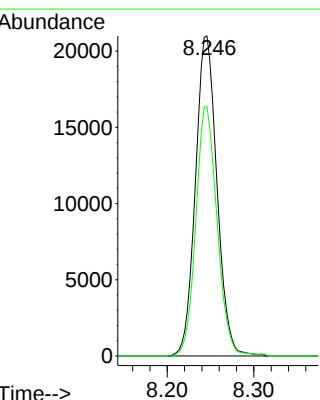
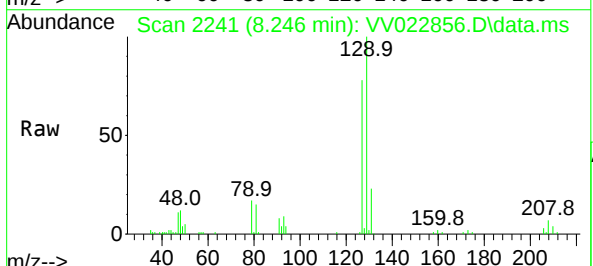
Acq: 18 Oct 2021 10:31

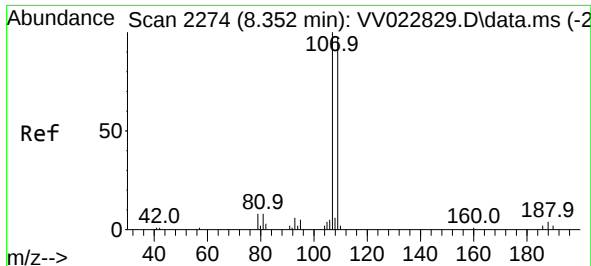
Tgt Ion: 129 Resp: 36233

Ion Ratio Lower Upper

129 100

127 78.0 59.1 109.9





#50

1,2-Dibromoethane

Concen: 4.727 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

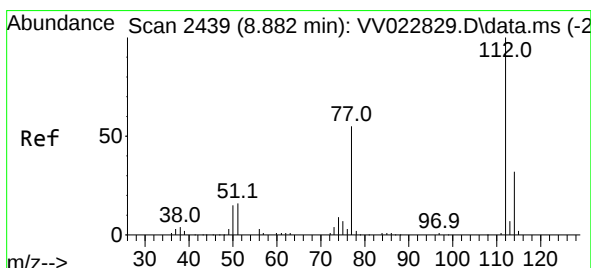
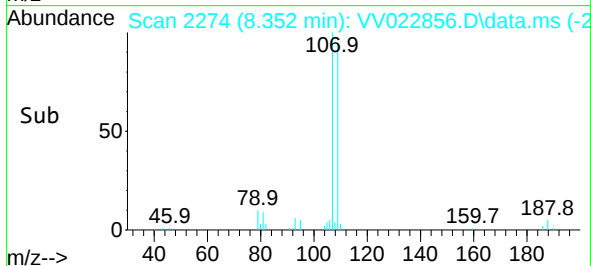
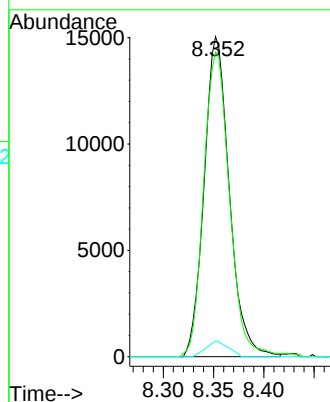
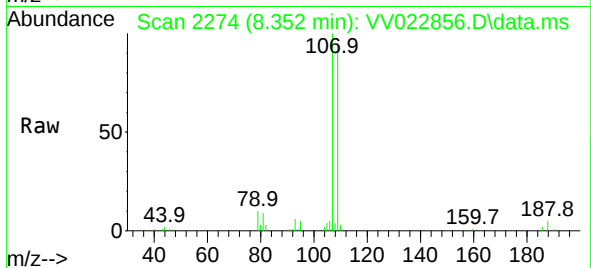
Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

Tgt Ion:	107	Resp:	26225
Ion	Ratio	Lower	Upper
107	100		
109	95.1	67.1	124.5
188	4.8	3.4	5.0



#51

Chlorobenzene

Concen: 5.398 ug/L

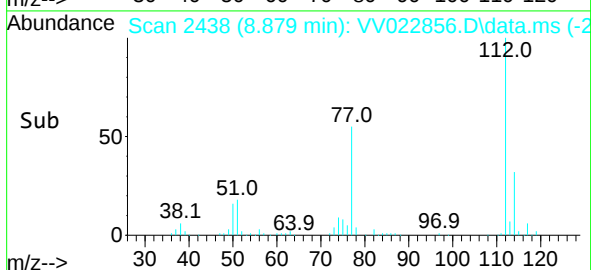
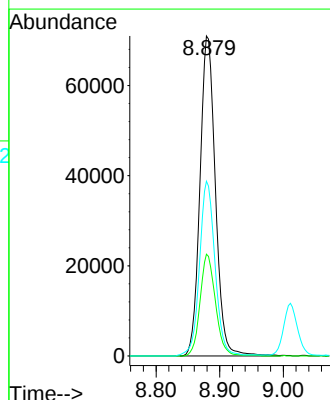
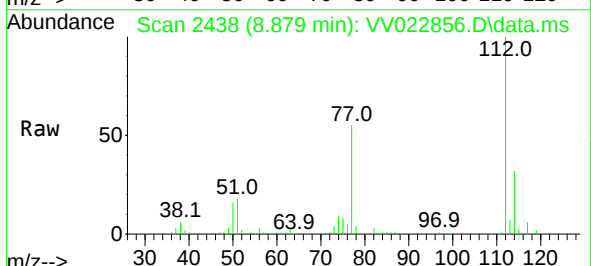
RT: 8.879 min Scan# 2438

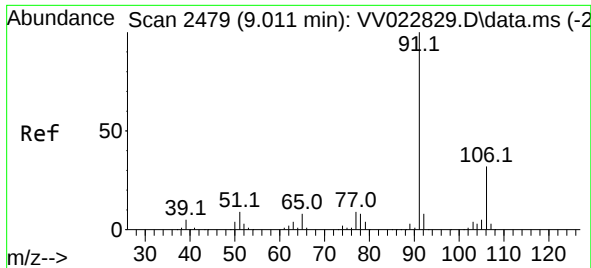
Delta R.T. -0.003 min

Lab File: VV022856.D

Acq: 18 Oct 2021 10:31

Tgt Ion:	112	Resp:	119888
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.6	40.2
77	54.6	43.7	65.5

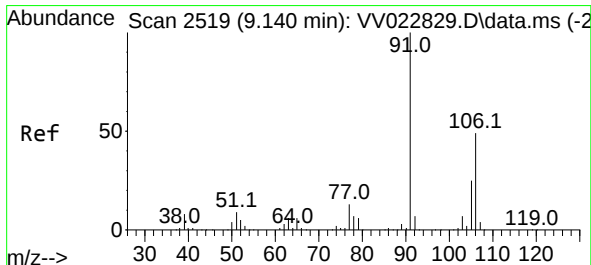
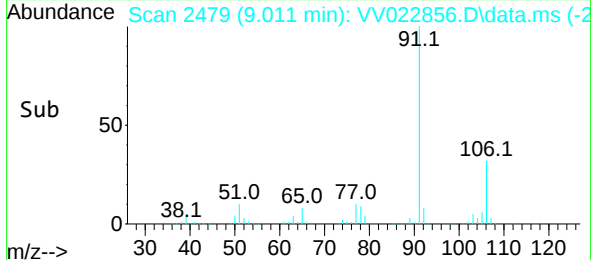
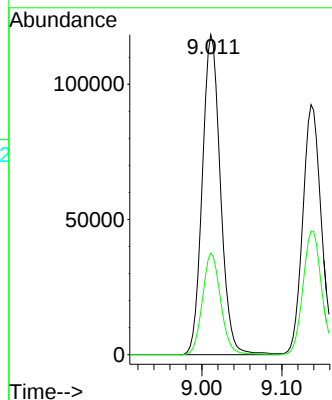
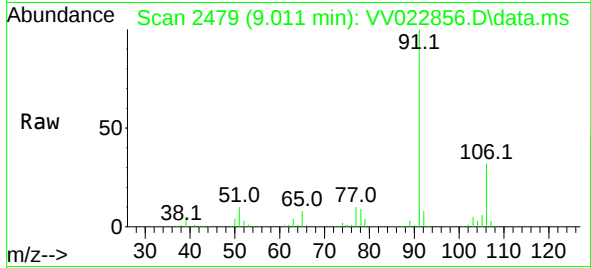




#52
Ethylbenzene
Concen: 5.450 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

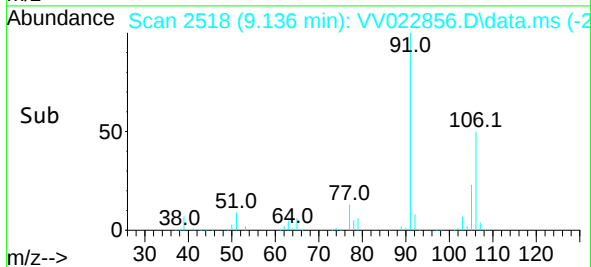
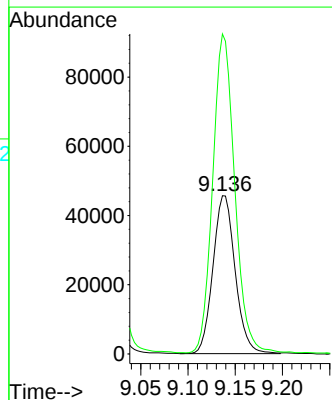
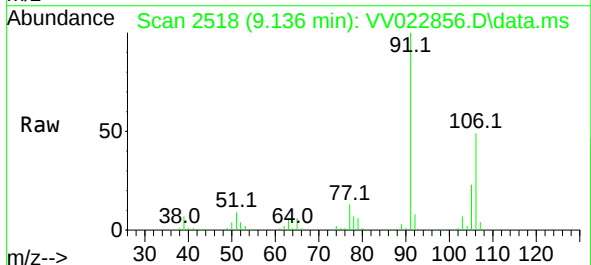
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

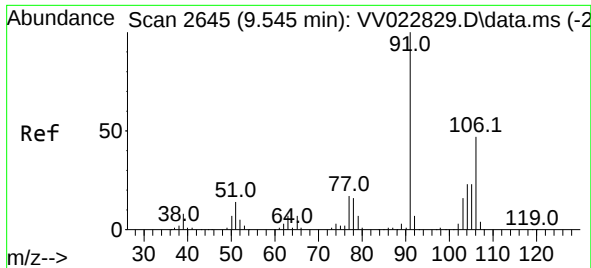
Tgt Ion: 91 Resp: 187026
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-xylene
Concen: 5.530 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 106 Resp: 74465
Ion Ratio Lower Upper
106 100
91 202.2 138.7 257.5

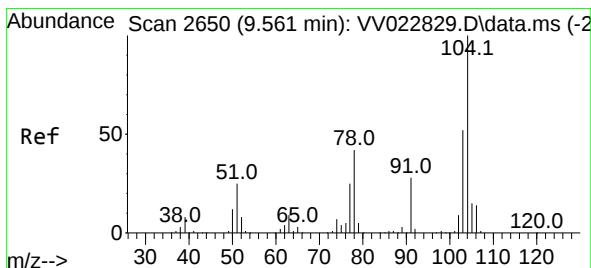
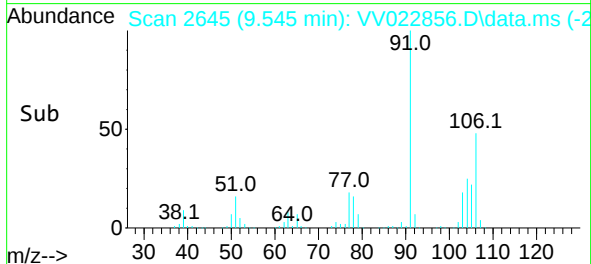
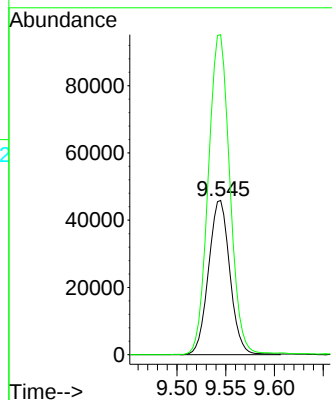
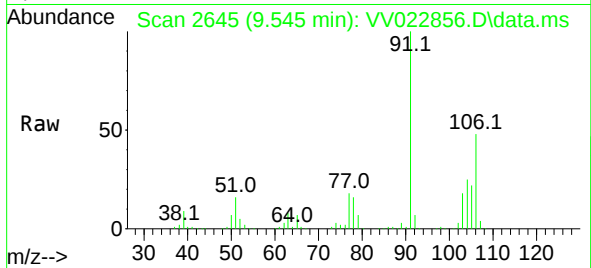




#54
o-xylene
Concen: 5.506 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

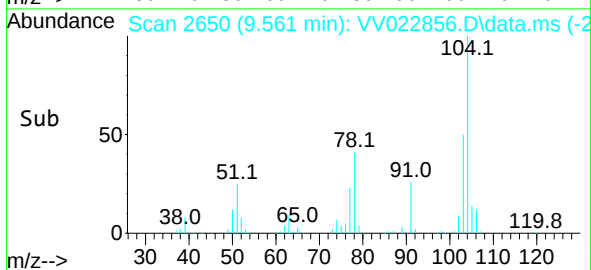
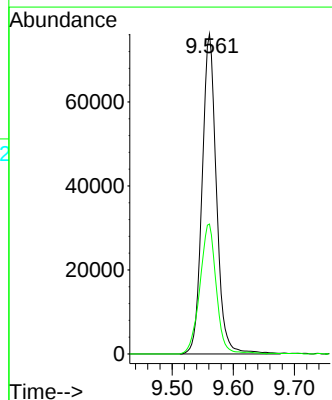
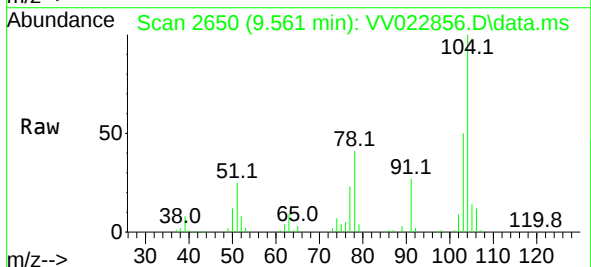
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

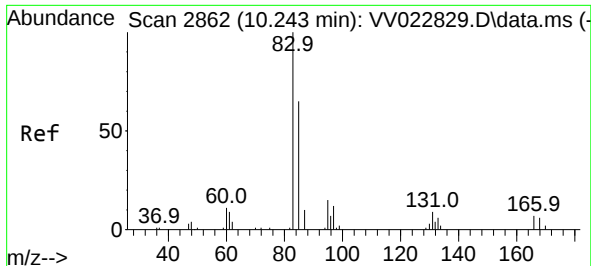
Tgt Ion:106 Resp: 69761
Ion Ratio Lower Upper
106 100
91 207.5 151.1 280.7



#55
Styrene
Concen: 5.685 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion:104 Resp: 124111
Ion Ratio Lower Upper
104 100
78 40.6 29.5 54.7

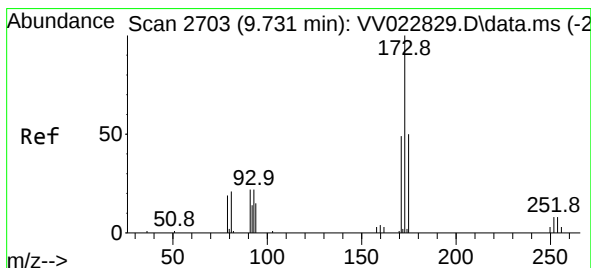
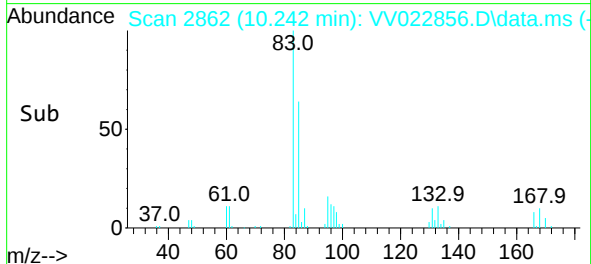
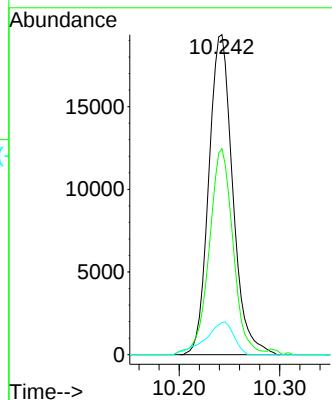
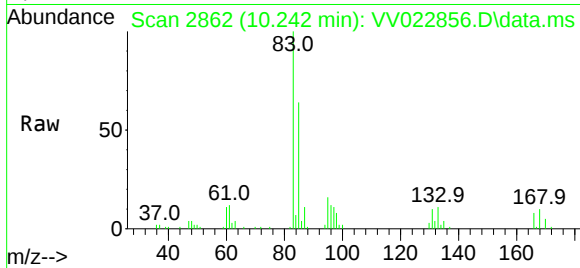




#57
1,1,2,2-Tetrachloroethane
Concen: 5.324 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

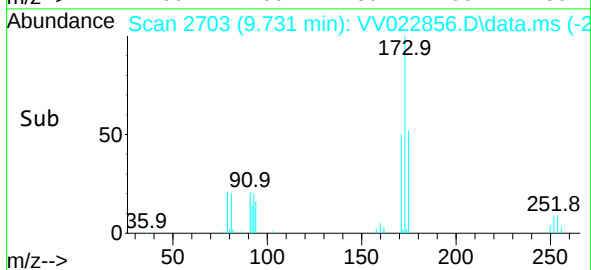
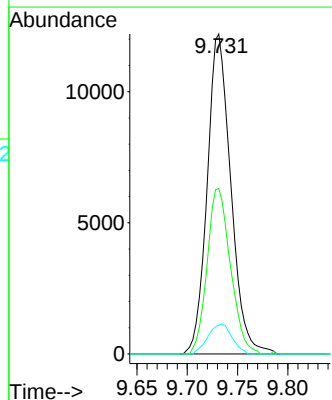
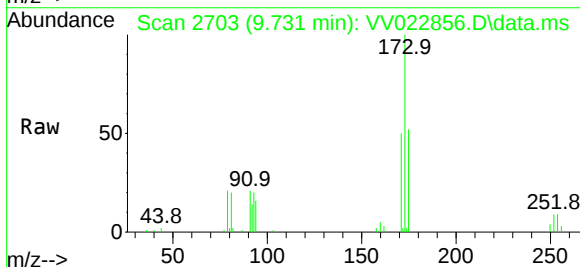
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

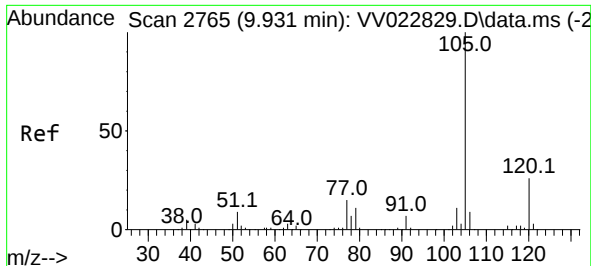
Tgt Ion: 83 Resp: 32003
Ion Ratio Lower Upper
83 100
85 64.4 46.0 85.4
131 10.0 8.4 12.6



#59
Bromoform
Concen: 5.057 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 173 Resp: 19923
Ion Ratio Lower Upper
173 100
175 51.0 38.3 57.5
254 9.5 7.1 10.7

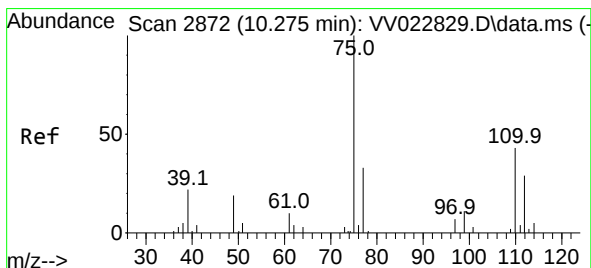
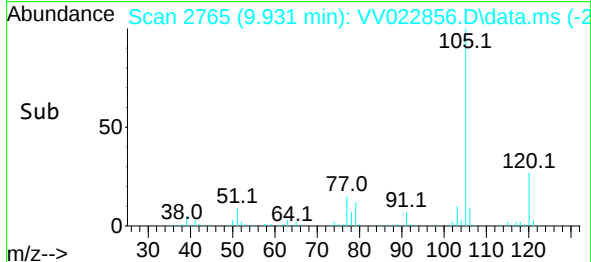
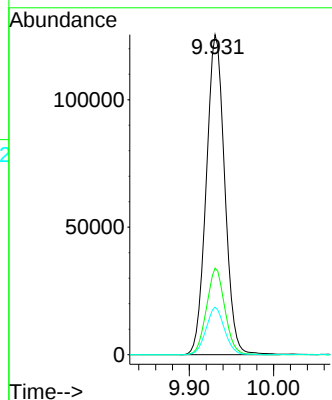
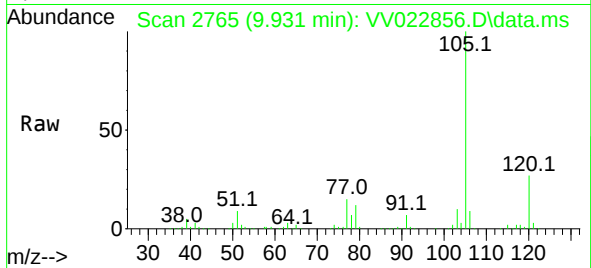




#60
Isopropylbenzene
Concen: 5.349 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

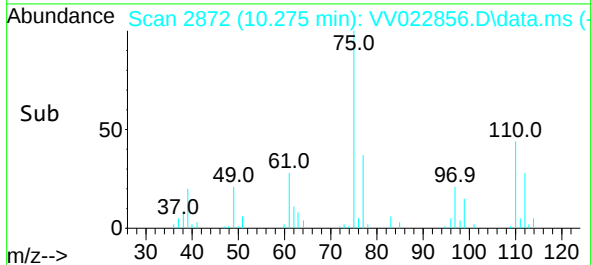
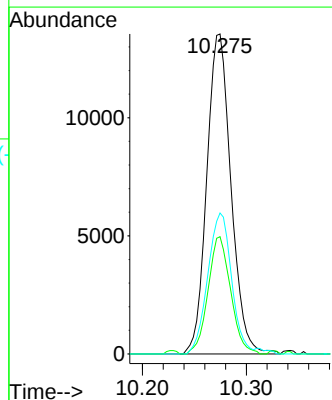
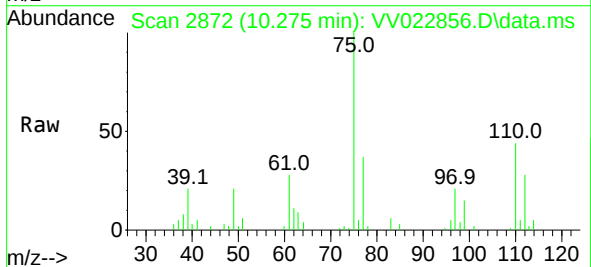
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

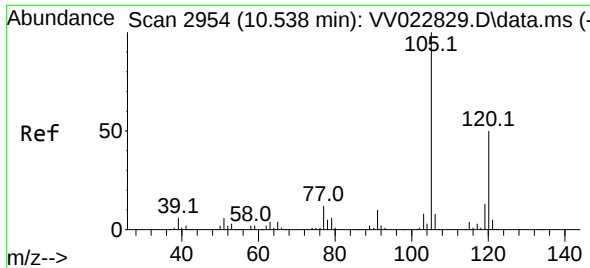
Tgt Ion:105 Resp: 191083
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.8
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.495 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion: 75 Resp: 21963
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.2
110 43.1 34.2 51.4

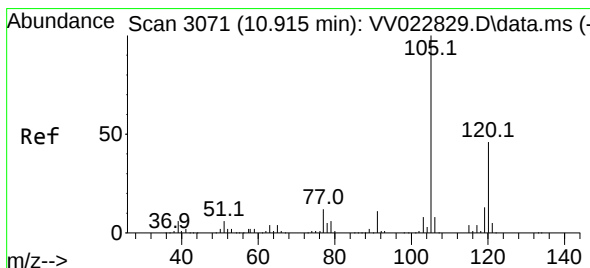
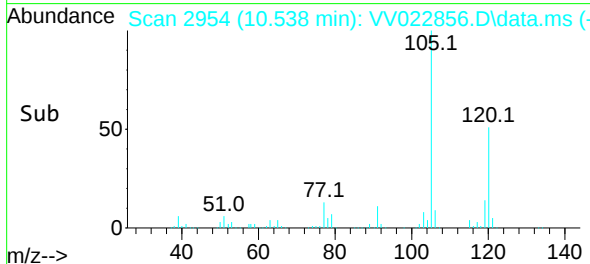
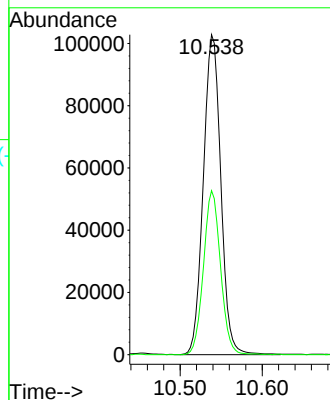
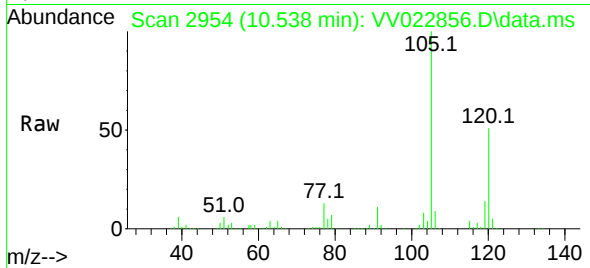




#62
1,3,5-Trimethylbenzene
Concen: 5.277 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

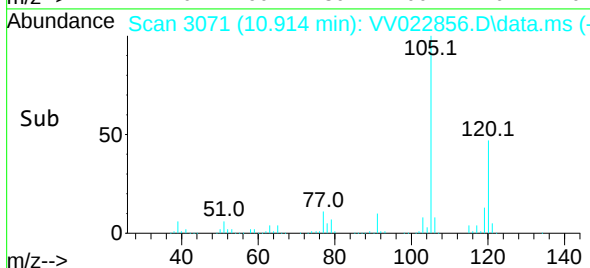
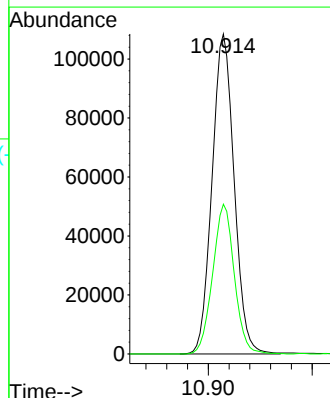
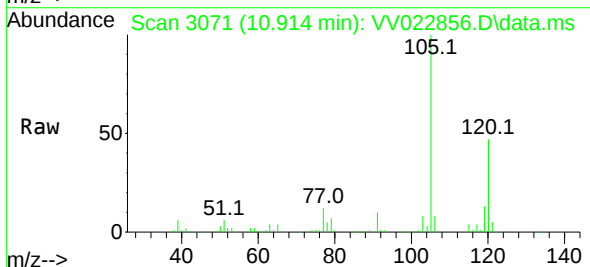
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

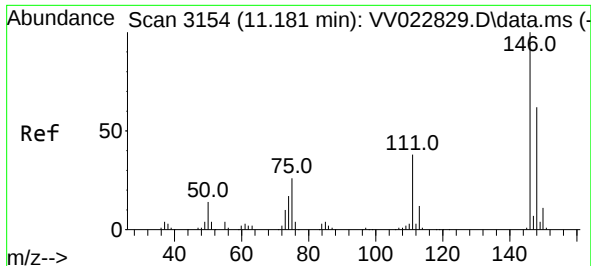
Tgt Ion:105 Resp: 152312
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.540 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion:105 Resp: 160036
Ion Ratio Lower Upper
105 100
120 45.8 37.3 55.9

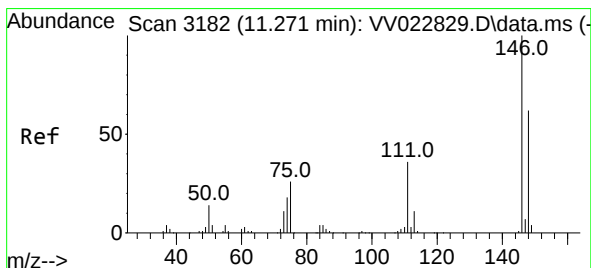
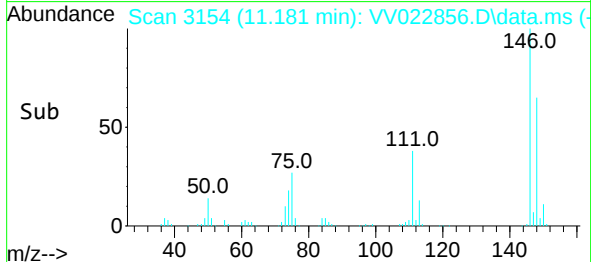
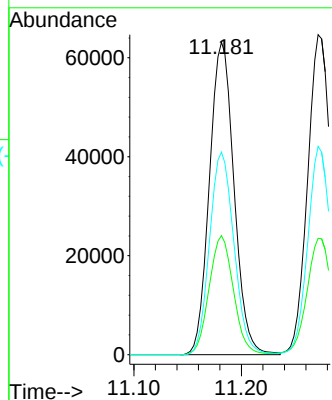
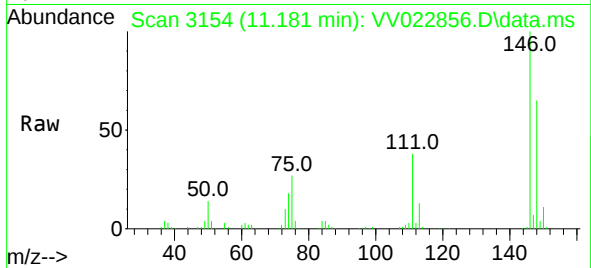




#64
1,3-Dichlorobenzene
Concen: 5.355 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

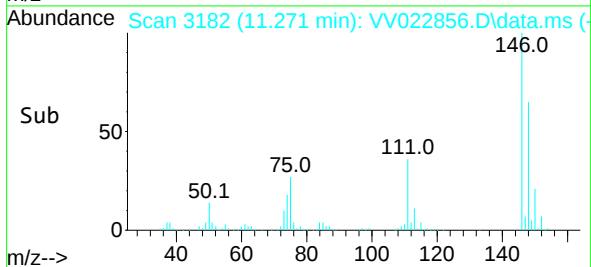
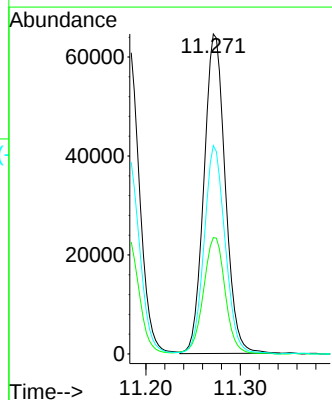
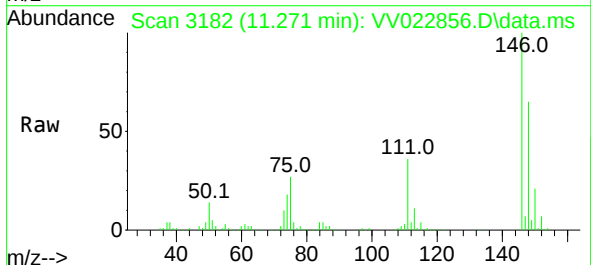
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

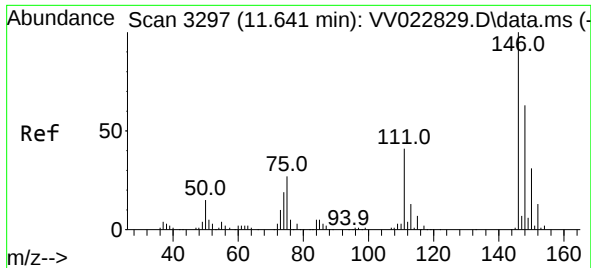
Tgt Ion:146 Resp: 100410
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.5
148 64.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.307 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Tgt Ion:146 Resp: 101031
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.4
148 65.1 44.9 83.5

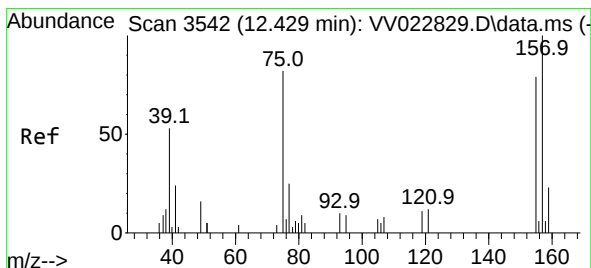
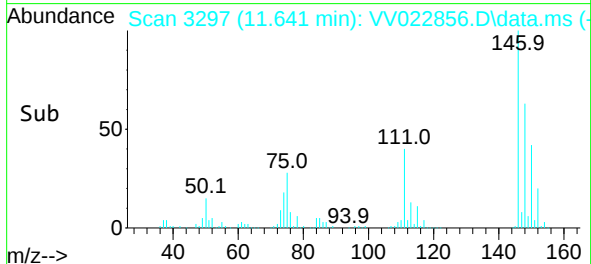
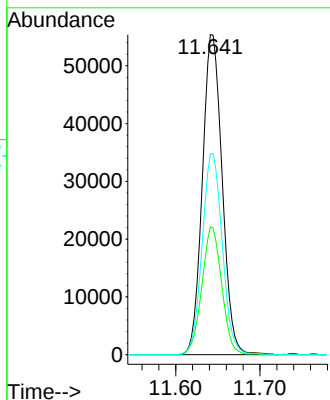
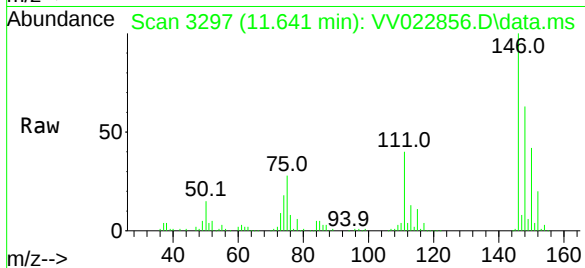




#67
1,2-Dichlorobenzene
Concen: 5.159 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

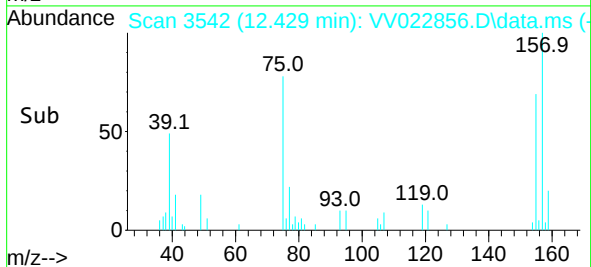
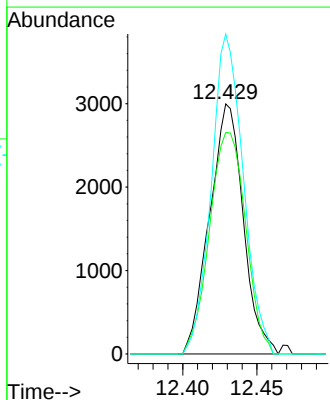
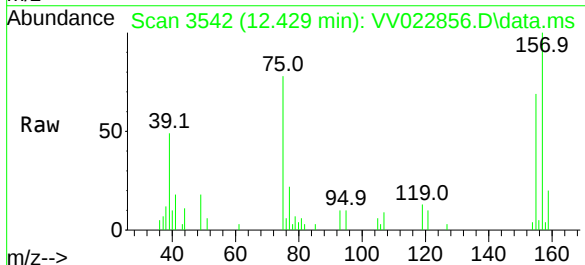
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

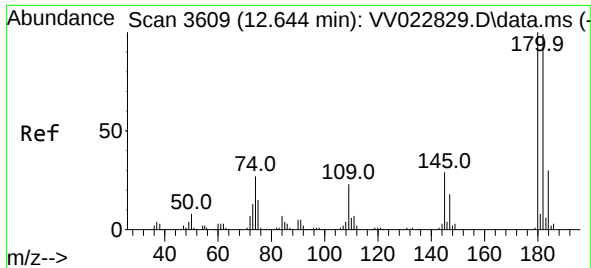
Tgt Ion:146 Resp: 90742
Ion Ratio Lower Upper
146 100
111 39.9 32.3 48.5
148 62.8 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.322 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

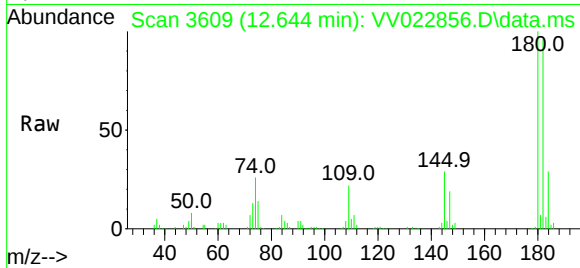
Tgt Ion: 75 Resp: 4733
Ion Ratio Lower Upper
75 100
155 88.6 82.4 123.6
157 128.0 114.1 171.1



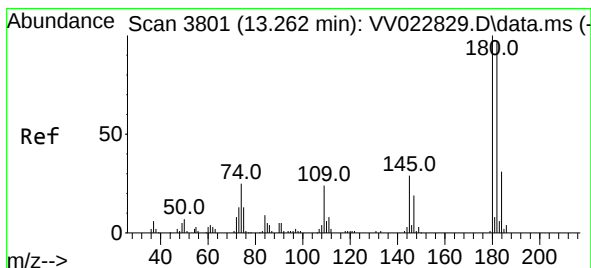
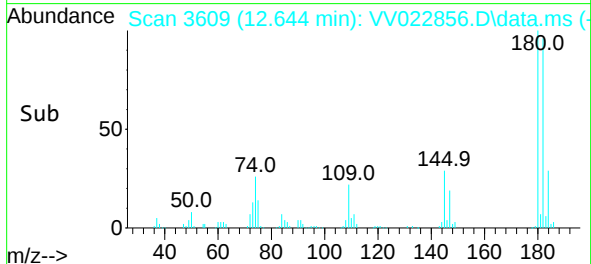
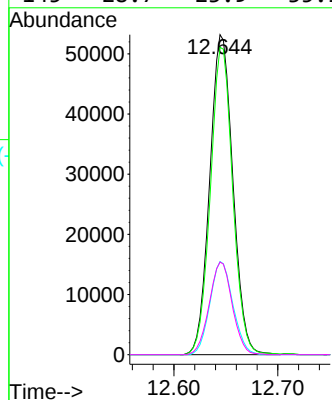


#69
1,3,5-Trichlorobenzene
Concen: 5.812 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

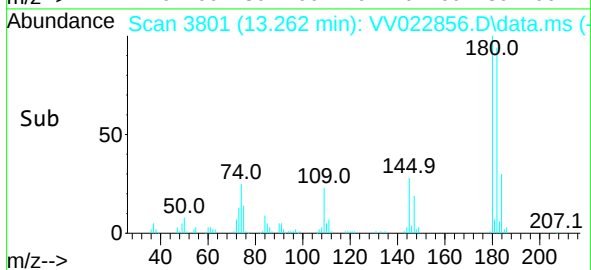
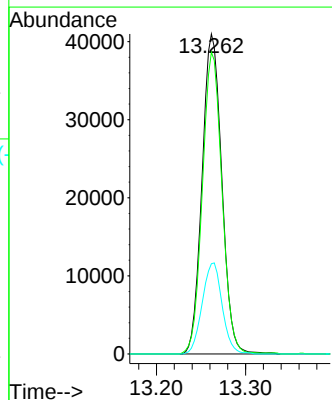
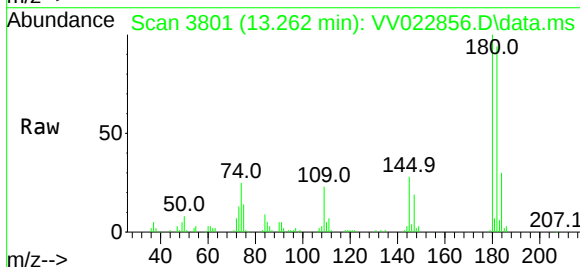


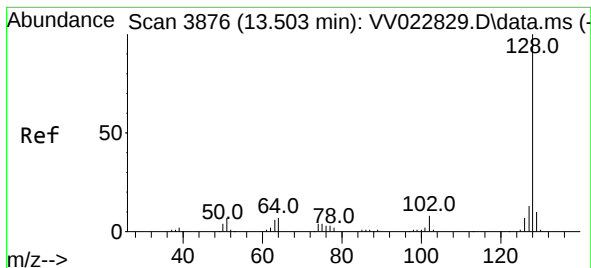
Tgt Ion:	180	Resp:	82090
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.0	115.6
184	28.9	24.5	36.7
145	28.7	23.9	35.9



#70
1,2,4-trichlorobenzene
Concen: 5.833 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

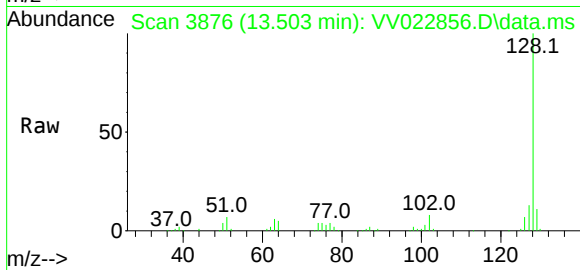
Tgt Ion:	180	Resp:	62937
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.0	114.0
145	28.8	24.1	36.1



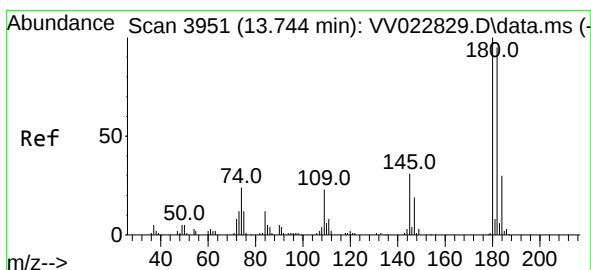
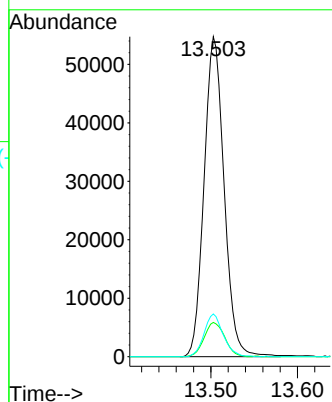
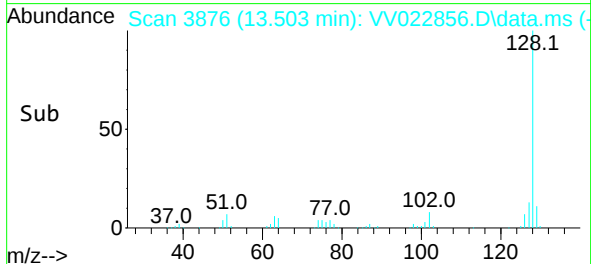


#71
Naphthalene
Concen: 5.128 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31

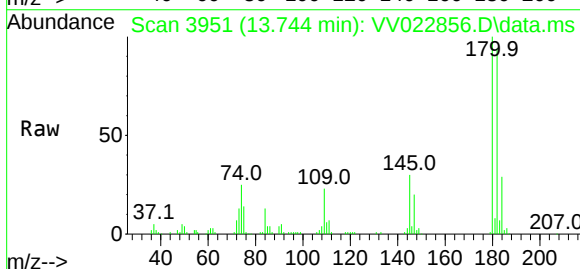
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314



Tgt Ion:128 Resp: 87948
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.8 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.568 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022856.D
Acq: 18 Oct 2021 10:31



Tgt Ion:180 Resp: 56645
Ion Ratio Lower Upper
180 100
182 94.2 75.5 113.3
145 31.0 24.7 37.1

