

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
 Data File : VV021315.D
 Acq On : 06 May 2021 18:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 03:58:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	680072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	663513	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	384972	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155833	51.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.32%
7) Chloroethane-d5	1.568	69	133062	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.72%
11) 1,1-Dichloroethene-d2	2.108	63	384829	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
21) 2-Butanone-d5	4.127	46	162	0.07	ug/L	0.22
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.07%#
24) Chloroform-d	4.349	84	458409	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.034	65	324051	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
32) Benzene-d6	5.053	84	729885	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.072	67	174015	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.320	98	734469	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%
43) trans-1,3-Dichloroprop...	7.683	79	1484	0.51	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1.02%#
47) 2-Hexanone-d5	8.091	63	175483	96.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.81%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	287108	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
66) 1,2-Dichlorobenzene-d4	11.631	152	342665	45.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.34%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	252665	46.02	ug/L	100
3) Chloromethane	1.243	50	149784	45.37	ug/L	96
5) Vinyl chloride	1.310	62	191988	46.66	ug/L	99
6) Bromomethane	1.523	94	157424	48.63	ug/L	98
8) Chloroethane	1.584	64	119830	45.09	ug/L	99
9) Trichlorofluoromethane	1.751	101	498999	46.24	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	222827	46.77	ug/L	95
12) 1,1-Dichloroethene	2.117	96	191359	44.94	ug/L	95
13) Acetone	2.191	43	214491	74.97	ug/L	77
14) Carbon disulfide	2.294	76	471523	44.14	ug/L	97
15) Methyl Acetate	2.436	43	166423	48.16	ug/L	92
16) Methylene chloride	2.506	84	222454	51.00	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	201575	47.28	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	769402	50.33	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	357396	48.38	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	231532	49.39	ug/L	100
22) 2-Butanone	3.979	43	245315	89.83	ug/L	92
23) Bromochloromethane	4.249	128	131561	48.99	ug/L #	88
25) Chloroform	4.378	83	462244	47.52	ug/L	94

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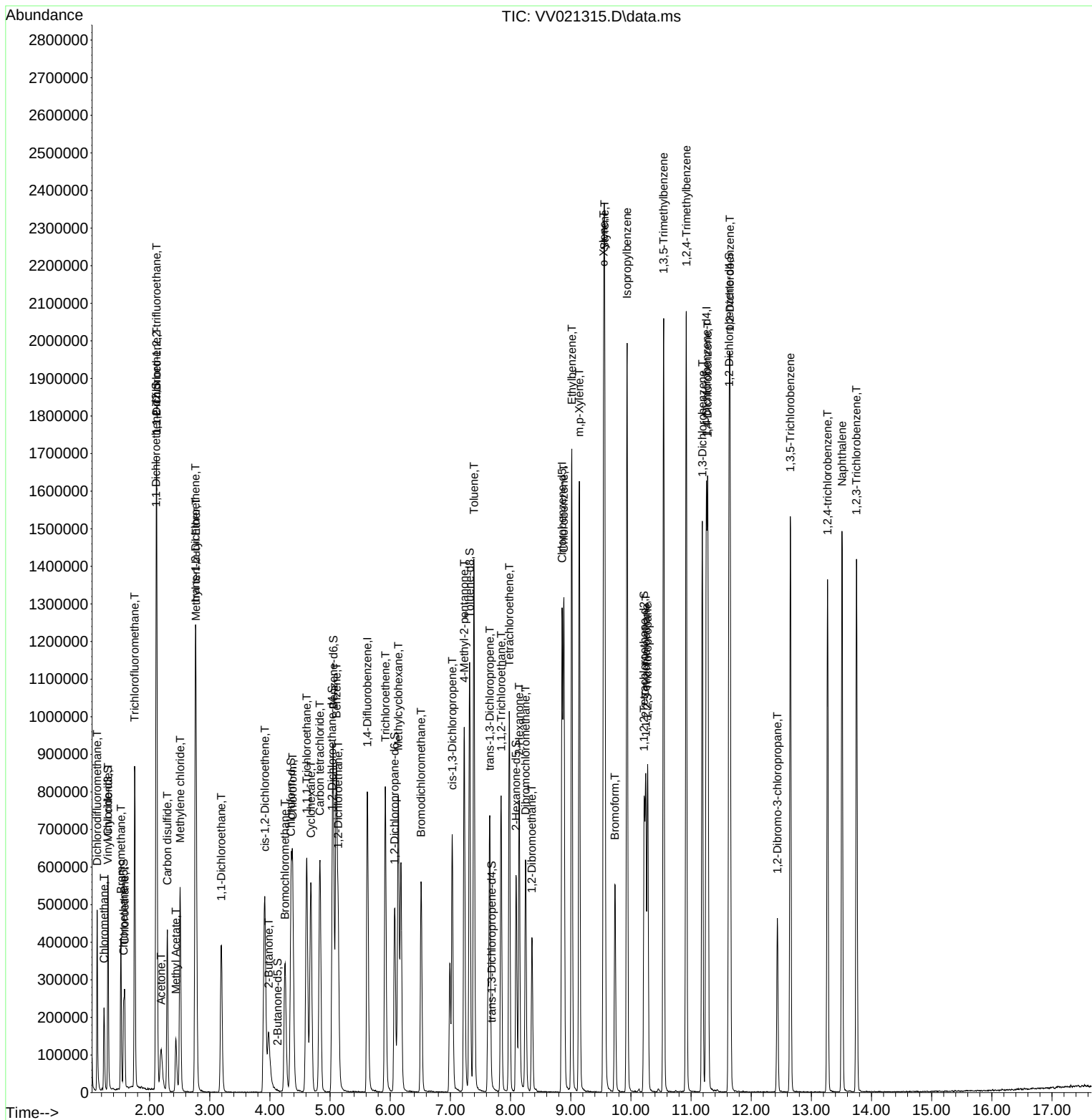
Instrument :
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 ClientSampleId :

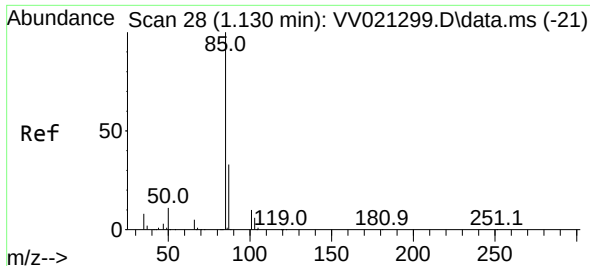
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	425149	47.96	ug/L	96
29) Cyclohexane	4.680	56	258369	46.32	ug/L	83
30) 1,1,1-Trichloroethane	4.612	97	489180	47.18	ug/L	98
31) Carbon tetrachloride	4.831	117	446641	46.34	ug/L	99
33) Benzene	5.104	78	816676	48.11	ug/L	100
34) Trichloroethene	5.918	95	259341	47.48	ug/L	96
35) Methylcyclohexane	6.133	83	329866	46.24	ug/L	97
38) Bromodichloromethane	6.513	83	357063	46.95	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	336067	48.05	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	520214	102.44	ug/L #	97
42) Toluene	7.390	91	974393	49.25	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	382301	50.11	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	222499	48.38	ug/L	94
46) Tetrachloroethene	7.979	164	220444	46.96	ug/L	97
48) 2-Hexanone	8.143	43	411009	100.75	ug/L	96
49) Dibromochloromethane	8.249	129	312655	47.92	ug/L	100
50) 1,2-Dibromoethane	8.355	107	251009	48.45	ug/L	98
51) Chlorobenzene	8.886	112	661362	48.36	ug/L	98
52) Ethylbenzene	9.017	91	1121345	49.06	ug/L	99
53) m,p-Xylene	9.143	106	433677	48.33	ug/L	96
54) o-Xylene	9.548	106	435531	50.35	ug/L	95
55) Styrene	9.564	104	755648	51.31	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.249	83	307510	49.46	ug/L #	99
59) Bromoform	9.734	173	243923	47.34	ug/L	99
60) Isopropylbenzene	9.937	105	1201357	48.84	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	301043	47.83	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	1058394	49.13	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1080753	49.99	ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	584282	48.92	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	582254	47.61	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	609909	50.56	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	108996	49.79	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	458203	49.54	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	394702	52.42	ug/L	99
71) Naphthalene	13.509	128	1117659	54.04	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	407874	53.52	ug/L	98

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

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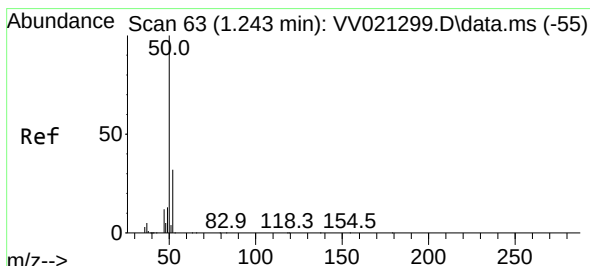
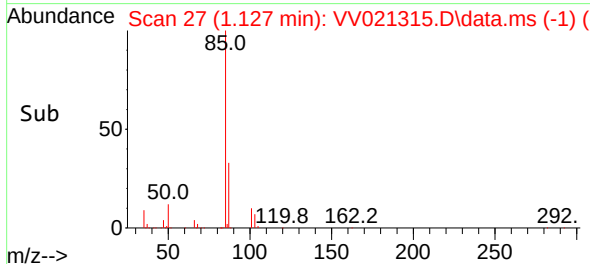
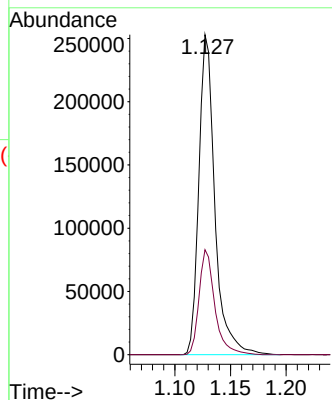
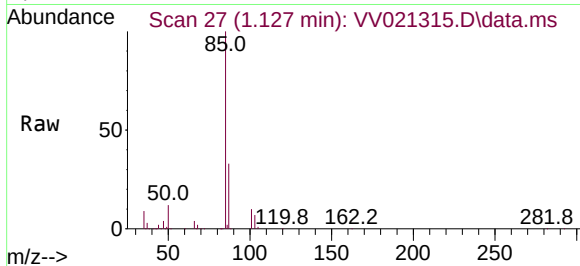




#2
 Dichlorodifluoromethane
 Concen: 46.02 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

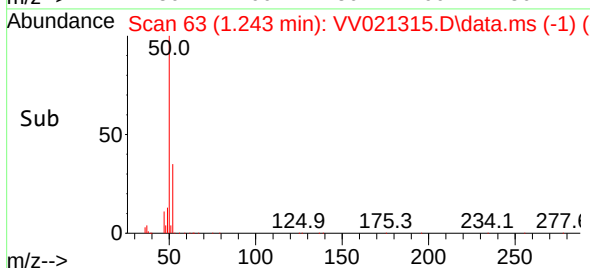
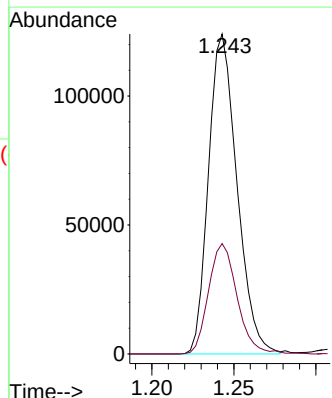
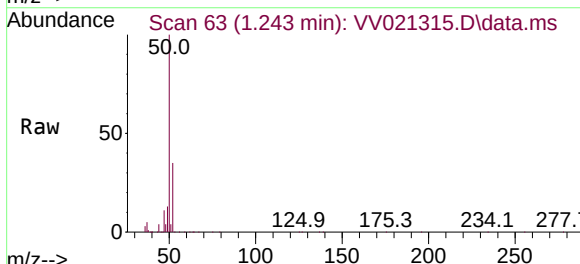
Instrument :
 MSVOA_V
 ClientSampled :

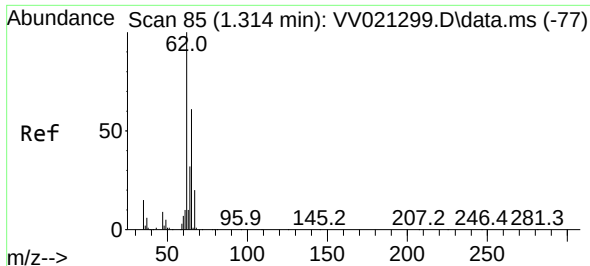
Tgt Ion: 85 Resp: 252665
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 45.37 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

Tgt Ion: 50 Resp: 149784
 Ion Ratio Lower Upper
 50 100
 52 34.5 22.7 42.1

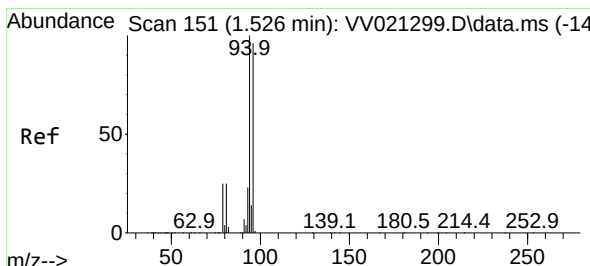
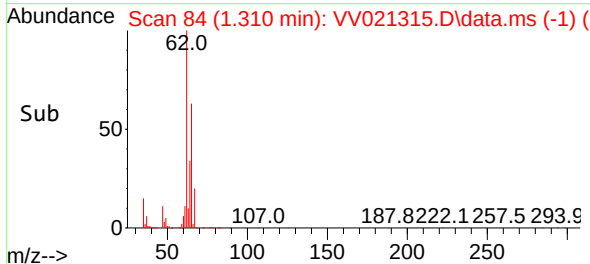
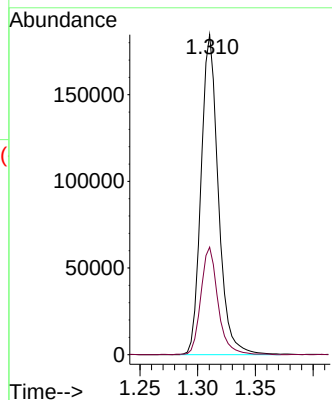
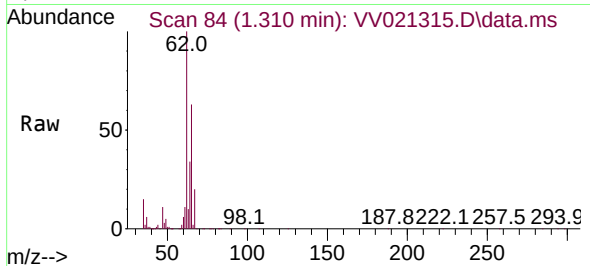




#5
 Vinyl chloride
 Concen: 46.66 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

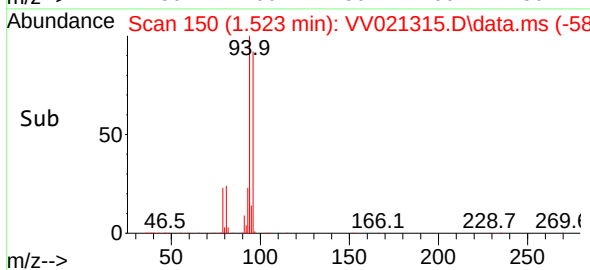
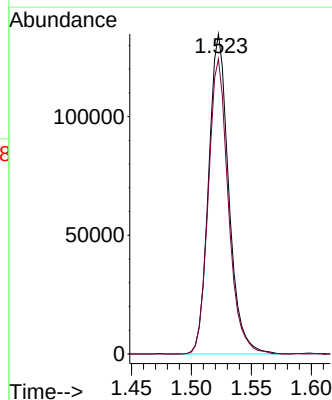
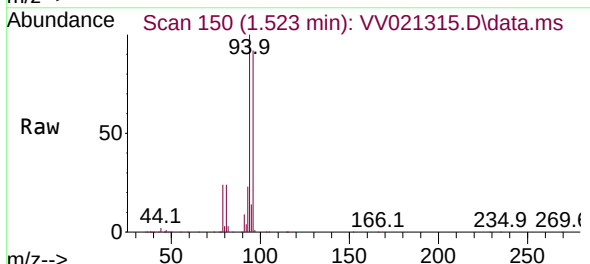
Instrument :
 MSVOA_V
 ClientSampled :

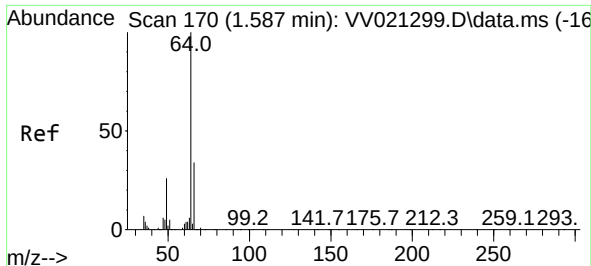
Tgt Ion: 62 Resp: 191988
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 48.63 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

Tgt Ion: 94 Resp: 157424
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.7 122.1

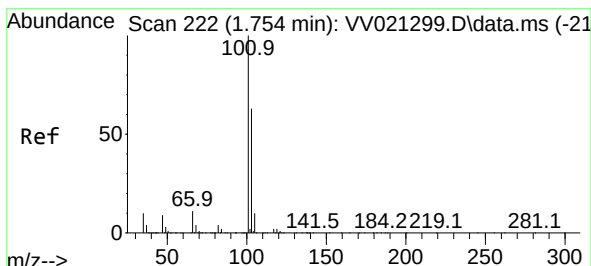
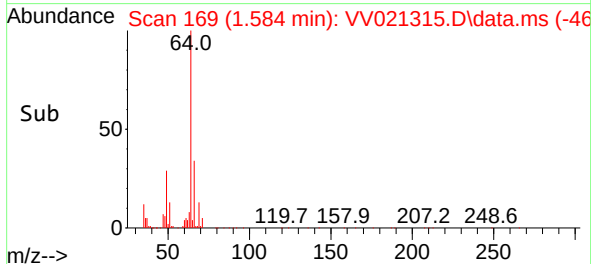
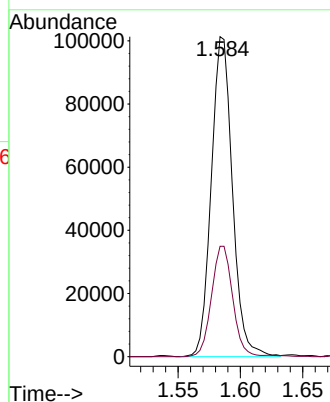
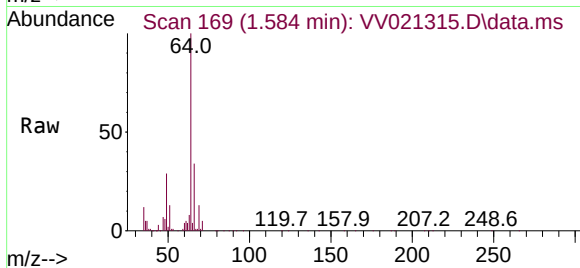




#8
Chloroethane
Concen: 45.09 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

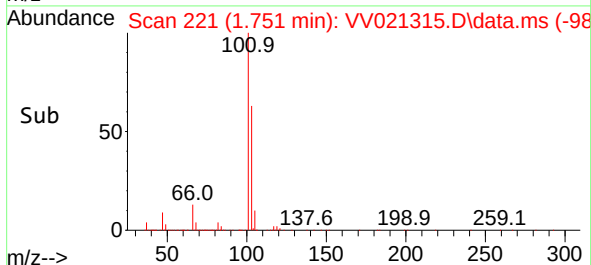
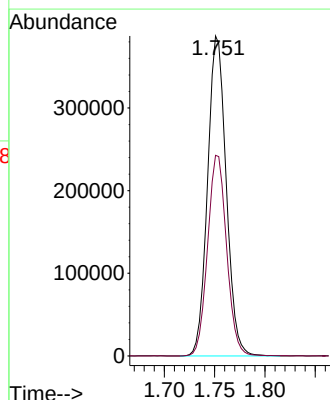
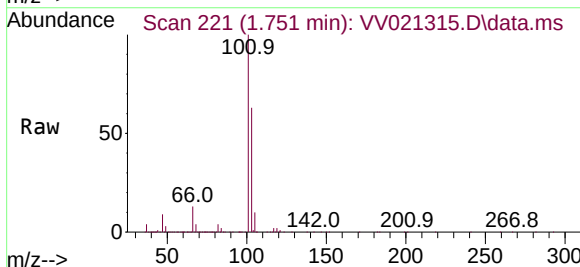
Instrument :
MSVOA_V
ClientSampleId :

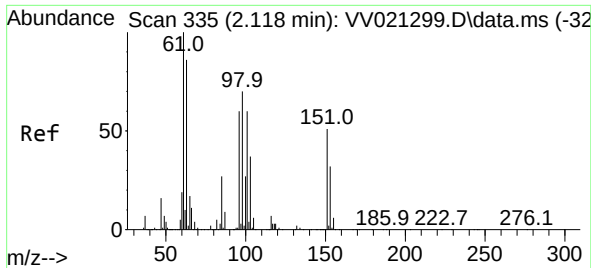
Tgt Ion: 64 Resp: 119830
Ion Ratio Lower Upper
64 100
66 34.5 23.7 43.9



#9
Trichlorofluoromethane
Concen: 46.24 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 101 Resp: 498999
Ion Ratio Lower Upper
101 100
103 63.9 53.0 79.6

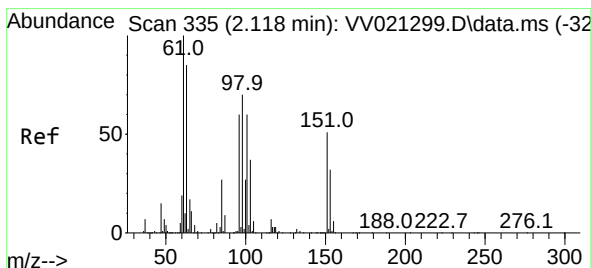
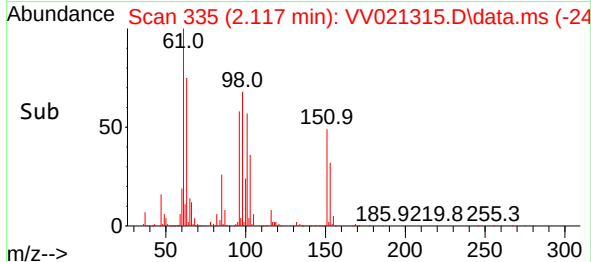
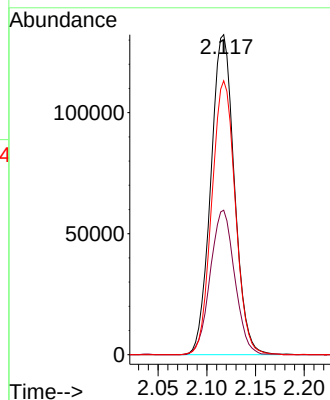
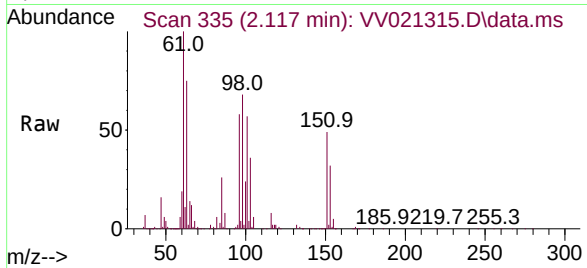




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.77 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

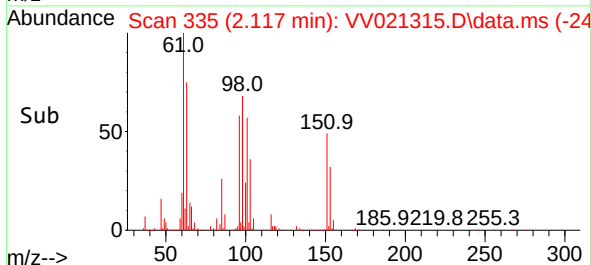
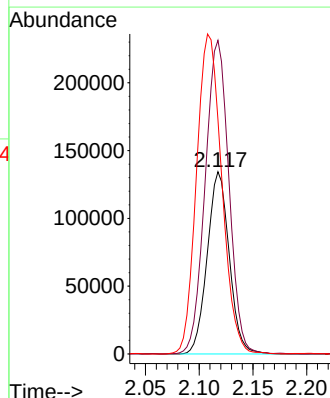
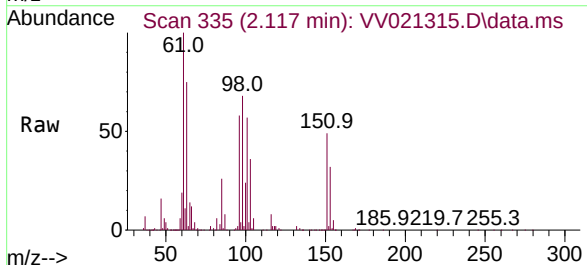
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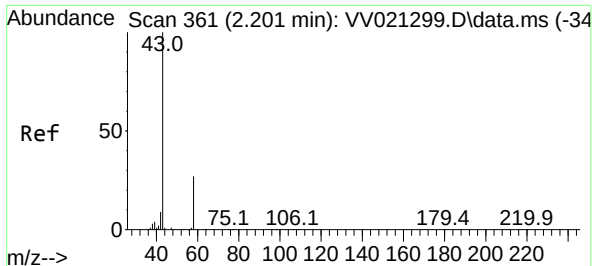
Tgt Ion:	101	Resp:	222827
Ion	Ratio	Lower	Upper
101	100		
85	46.7	35.4	53.2
151	85.3	63.9	95.9



#12
 1,1-Dichloroethene
 Concen: 44.94 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

Tgt Ion:	96	Resp:	191359
Ion	Ratio	Lower	Upper
96	100		
61	172.0	121.4	225.6
63	128.5	98.1	182.1





#13

Acetone

Concen: 74.97 ug/L

RT: 2.191 min Scan# 358

Delta R.T. -0.010 min

Lab File: VV021315.D

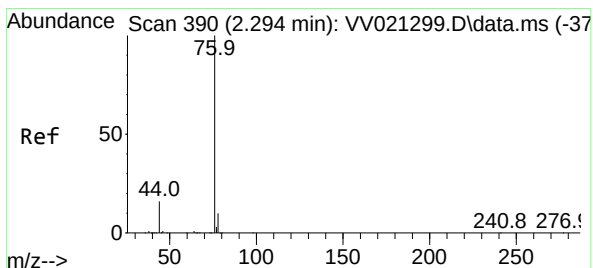
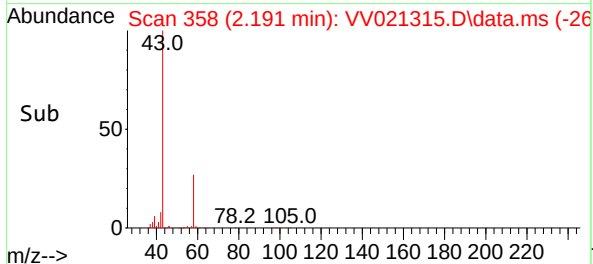
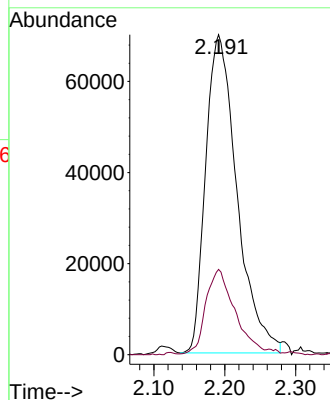
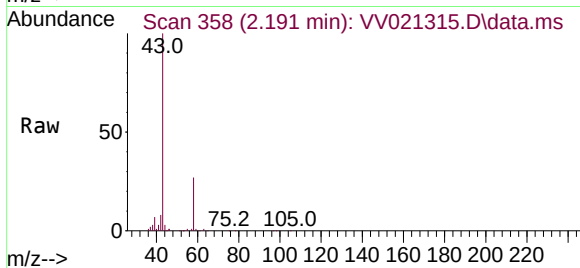
Acq: 06 May 2021 18:47

Tgt Ion: 43 Resp: 214491

Ion Ratio Lower Upper

43 100

58 24.9 0.0 30.8



#14

Carbon disulfide

Concen: 44.14 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV021315.D

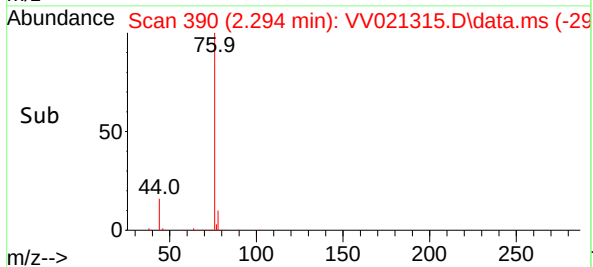
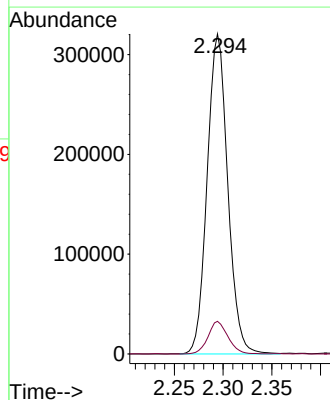
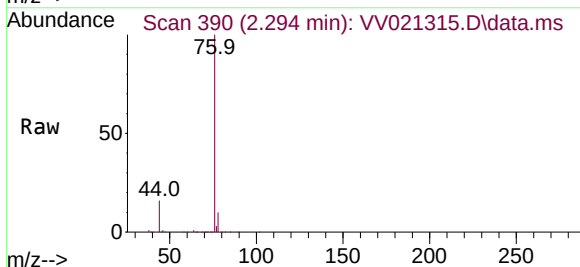
Acq: 06 May 2021 18:47

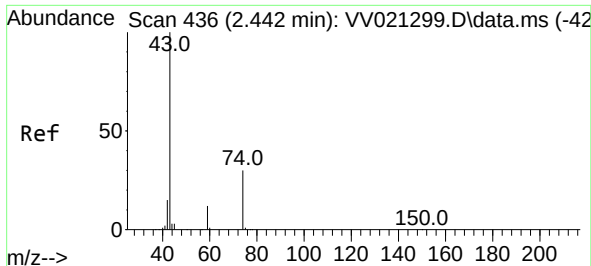
Tgt Ion: 76 Resp: 471523

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.2

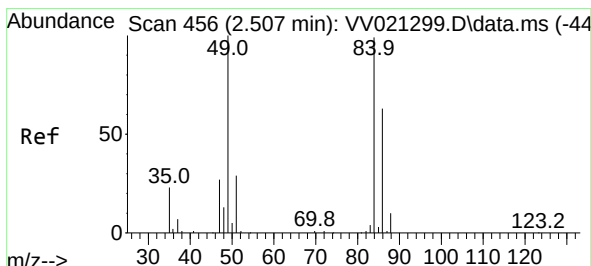
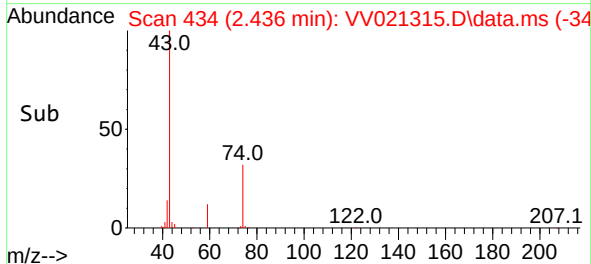
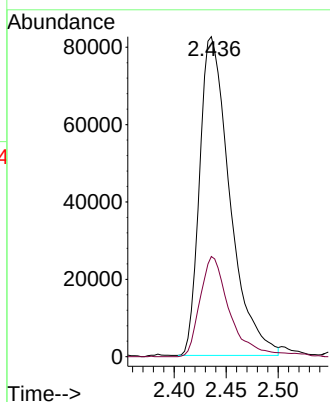
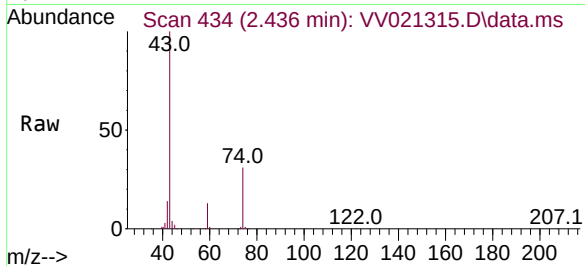




#15
Methyl Acetate
Concen: 48.16 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.007 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

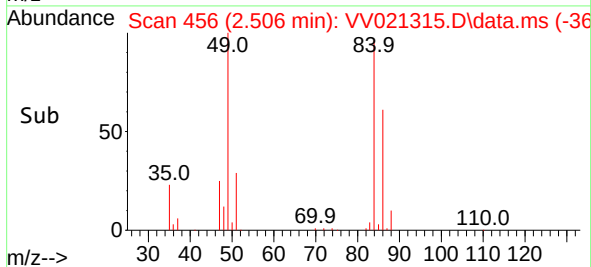
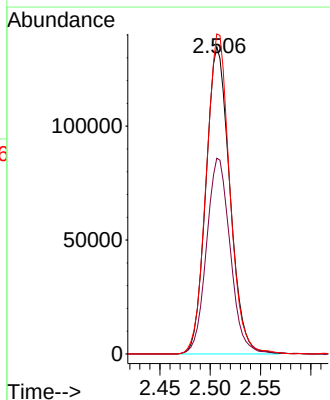
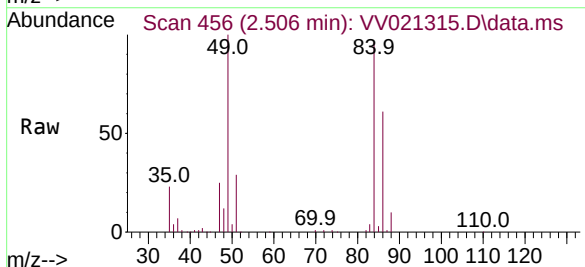
Instrument :
MSVOA_V
ClientSampleId :

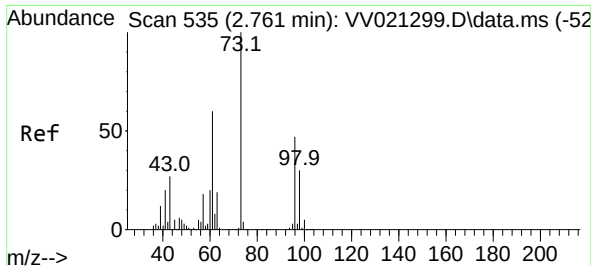
Tgt Ion: 43 Resp: 166423
Ion Ratio Lower Upper
43 100
74 30.8 21.2 31.8



#16
Methylene chloride
Concen: 51.00 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

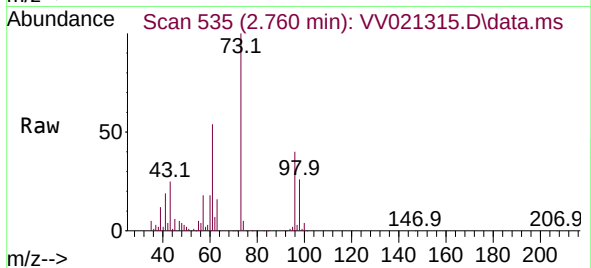
Tgt Ion: 84 Resp: 222454
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 104.2 78.1 145.1



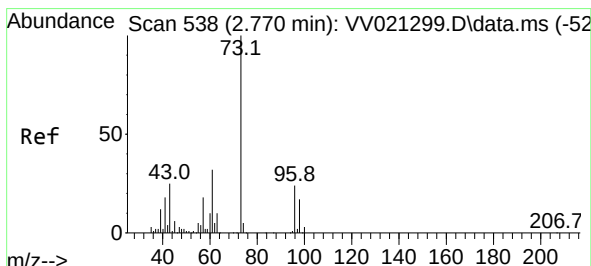
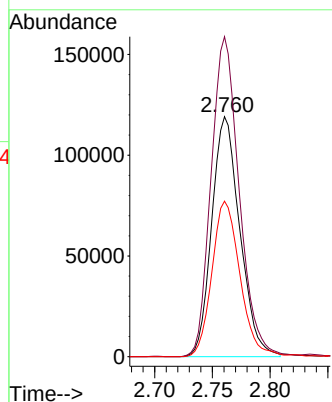
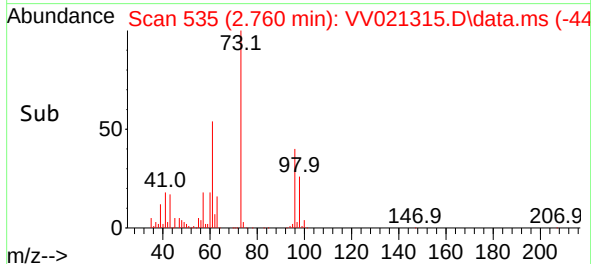


#17
trans-1,2-Dichloroethene
Concen: 47.28 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

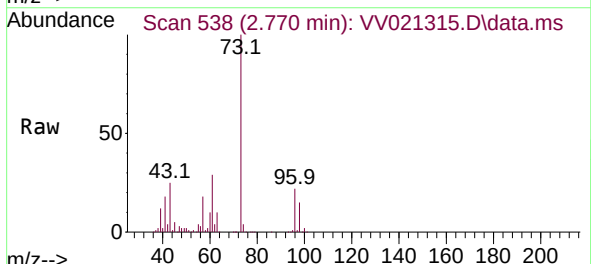
Instrument :
MSVOA_V
ClientSampleId :



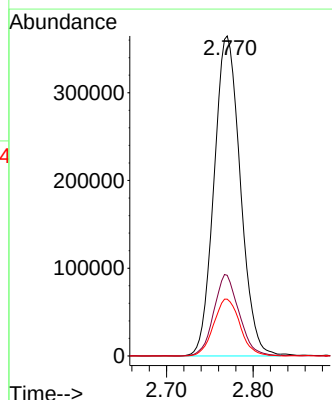
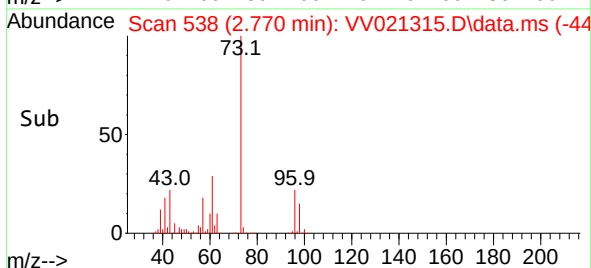
Tgt Ion: 96 Resp: 201575
Ion Ratio Lower Upper
96 100
61 133.4 89.3 165.9
98 64.8 44.1 81.9

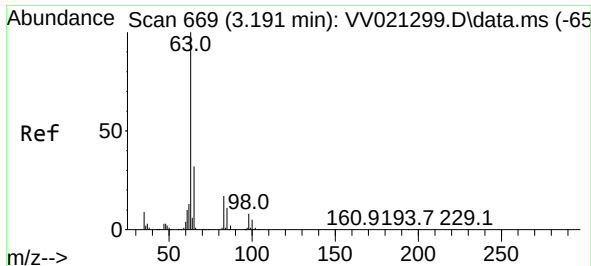


#18
Methyl tert-butyl Ether
Concen: 50.33 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47



Tgt Ion: 73 Resp: 769402
Ion Ratio Lower Upper
73 100
43 24.5 14.7 22.1#
57 17.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 48.38 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV021315.D

Acq: 06 May 2021 18:47

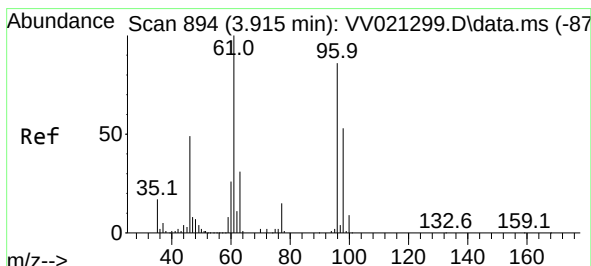
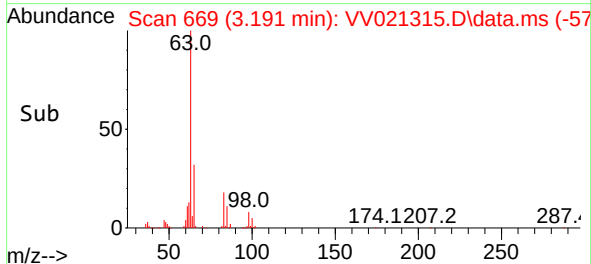
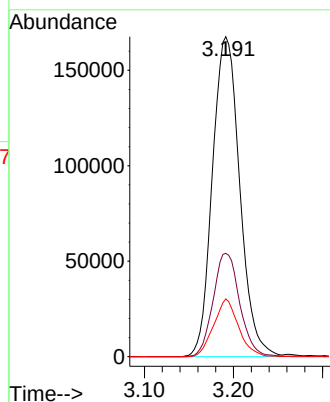
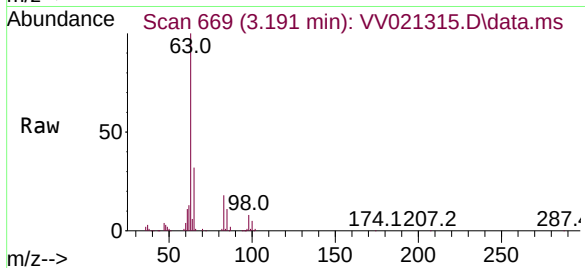
Tgt Ion: 63 Resp: 357396

Ion Ratio Lower Upper

63 100

65 32.3 21.9 40.7

83 18.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 49.39 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.000 min

Lab File: VV021315.D

Acq: 06 May 2021 18:47

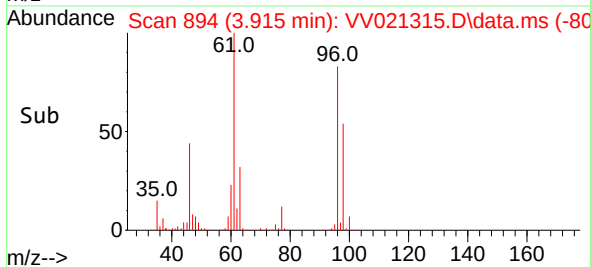
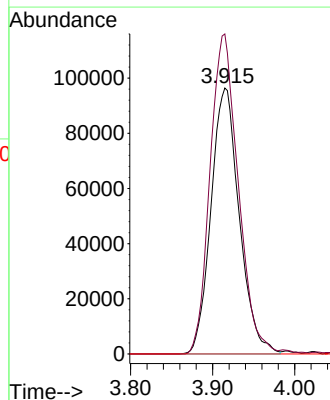
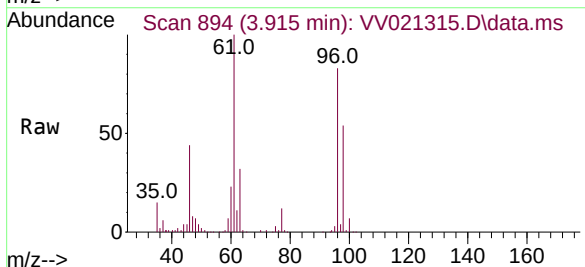
Tgt Ion: 96 Resp: 231532

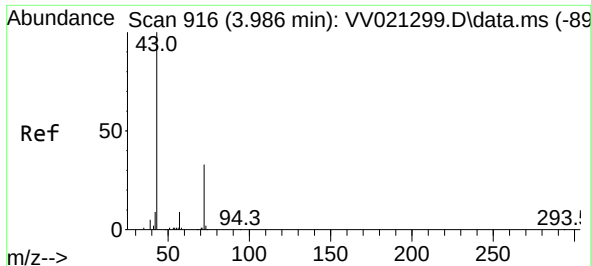
Ion Ratio Lower Upper

96 100

61 120.3 84.4 156.7

68 0.0 0.0 0.0

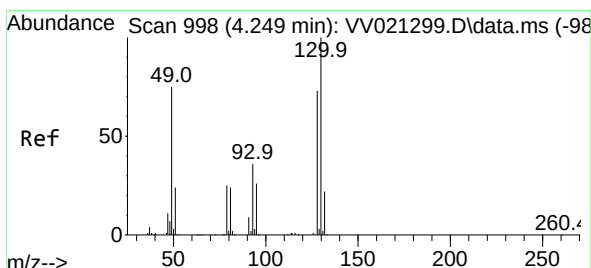
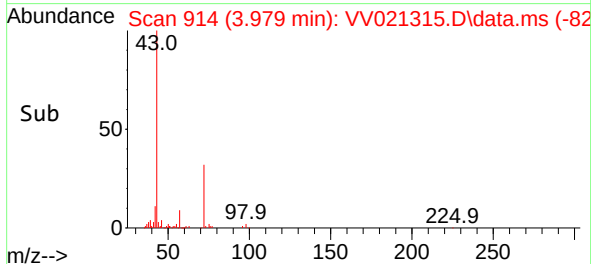
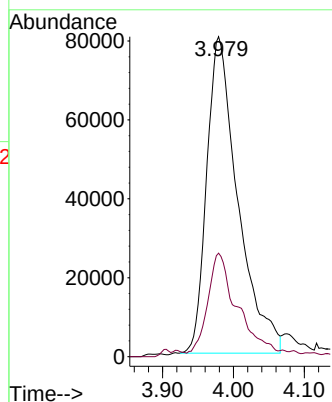
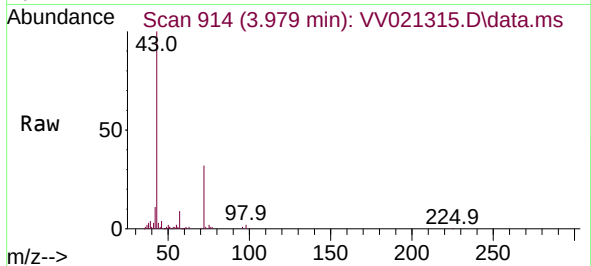




#22
2-Butanone
Concen: 89.83 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.007 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

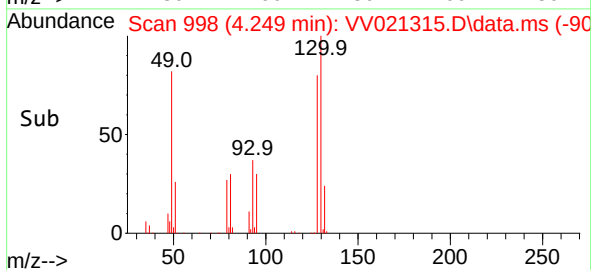
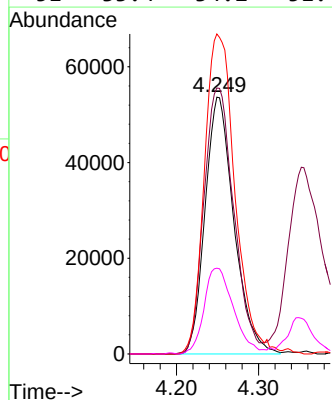
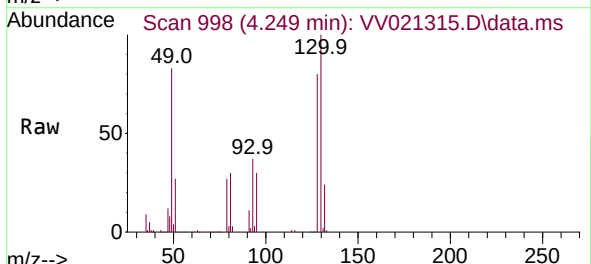
Instrument :
MSVOA_V
ClientSampled :

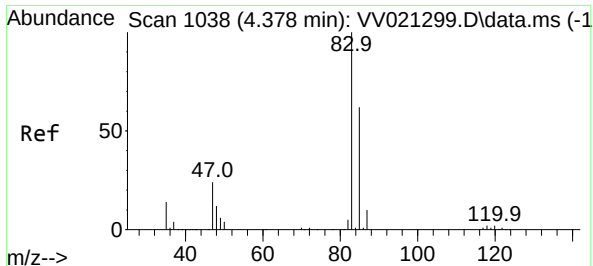
Tgt Ion: 43 Resp: 245315
Ion Ratio Lower Upper
43 100
72 30.3 13.2 39.6



#23
Bromochloromethane
Concen: 48.99 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 128 Resp: 131561
Ion Ratio Lower Upper
128 100
49 103.5 91.3 169.6
130 124.6 86.8 161.2
51 33.4 34.2 51.4#





#25

Chloroform

Concen: 47.52 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV021315.D

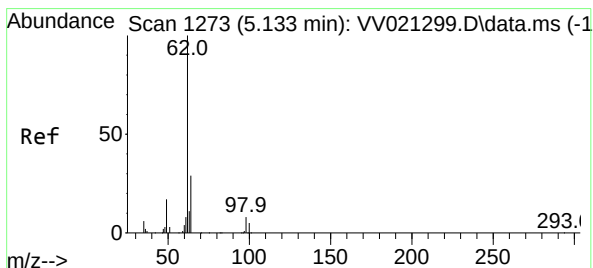
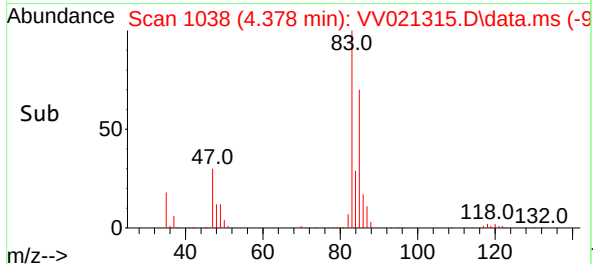
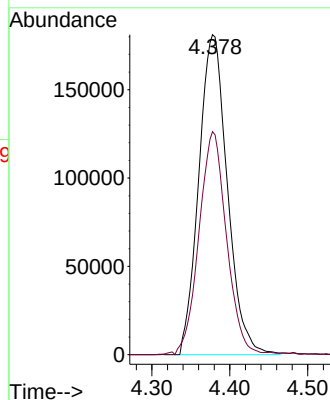
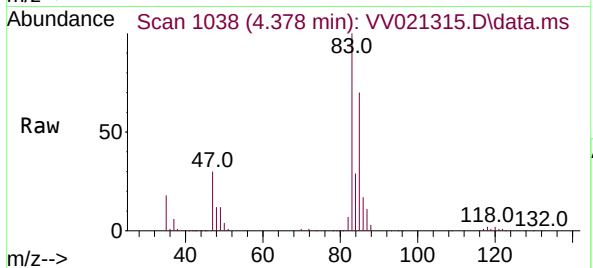
Acq: 06 May 2021 18:47

Tgt Ion: 83 Resp: 462244

Ion Ratio Lower Upper

83 100

85 69.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 47.96 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV021315.D

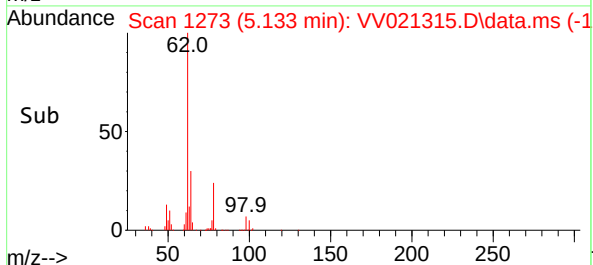
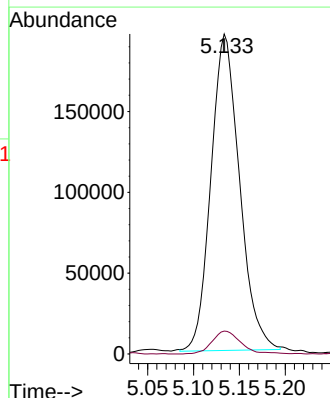
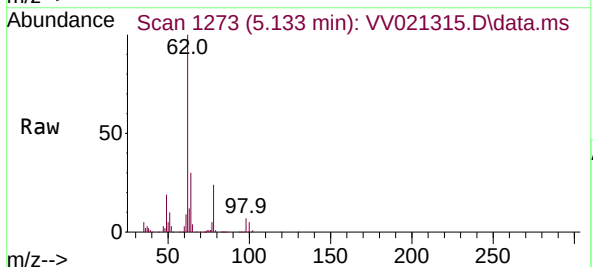
Acq: 06 May 2021 18:47

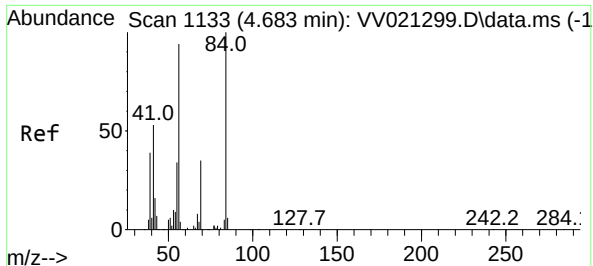
Tgt Ion: 62 Resp: 425149

Ion Ratio Lower Upper

62 100

98 7.1 6.7 10.1





#29

Cyclohexane

Concen: 46.32 ug/L

RT: 4.680 min Scan# 1132

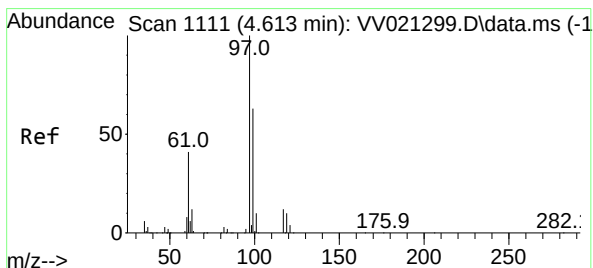
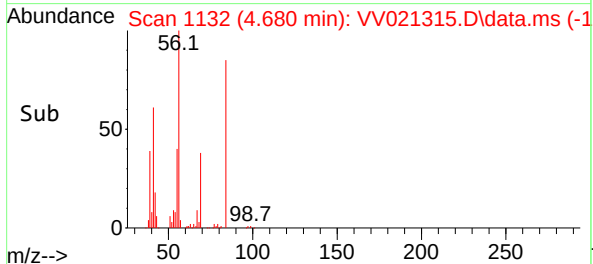
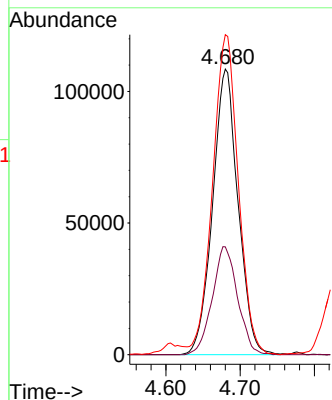
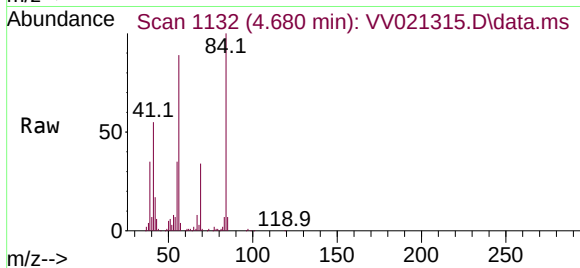
Delta R.T. -0.003 min

Lab File: VV021315.D

Acq: 06 May 2021 18:47

Tgt Ion: 56 Resp: 258369

Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.7	38.5
84	113.3	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 47.18 ug/L

RT: 4.612 min Scan# 1111

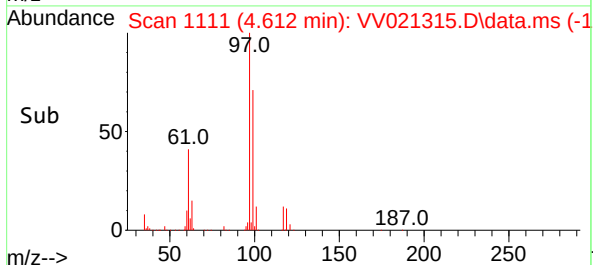
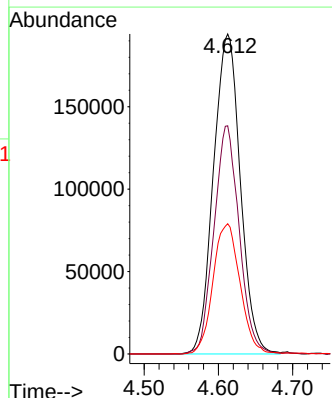
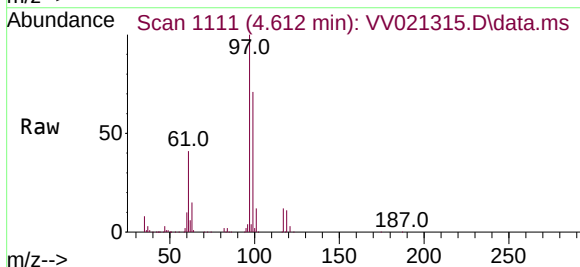
Delta R.T. -0.000 min

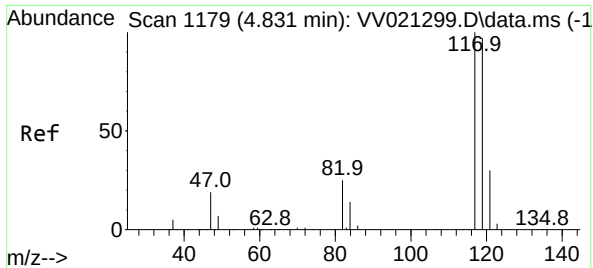
Lab File: VV021315.D

Acq: 06 May 2021 18:47

Tgt Ion: 97 Resp: 489180

Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.6	77.4
61	40.9	32.1	48.1

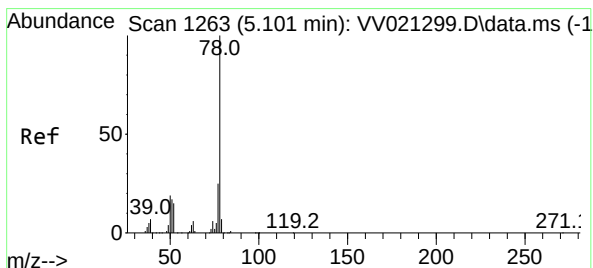
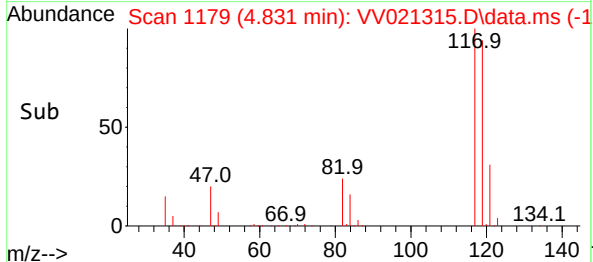
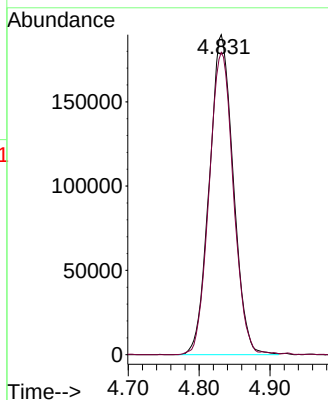
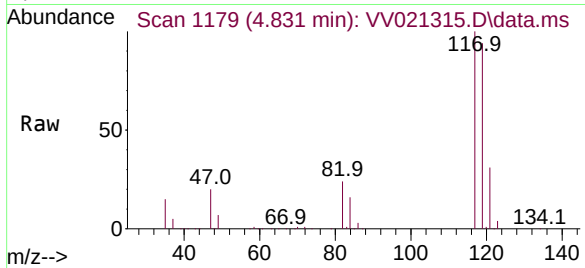




#31
Carbon tetrachloride
Concen: 46.34 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

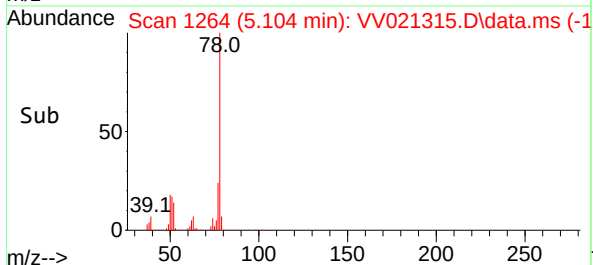
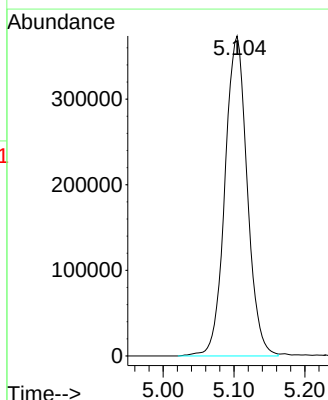
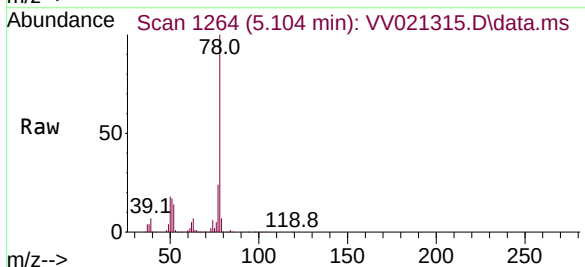
Instrument :
MSVOA_V
ClientSampled :

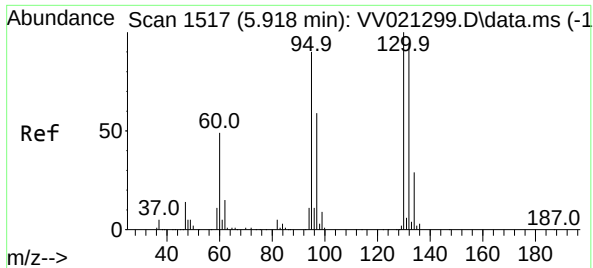
Tgt Ion:117 Resp: 446641
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.2



#33
Benzene
Concen: 48.11 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 78 Resp: 816676



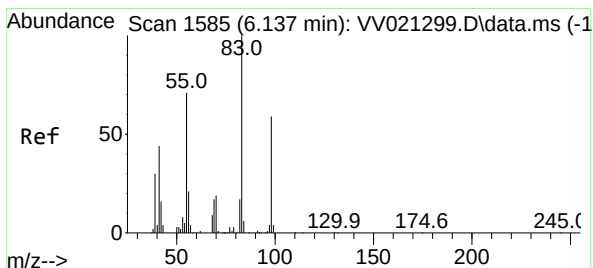
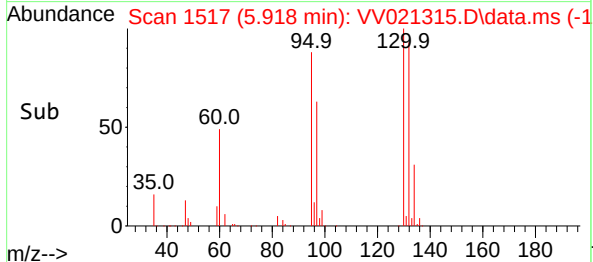
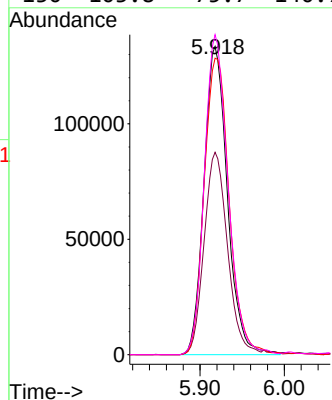
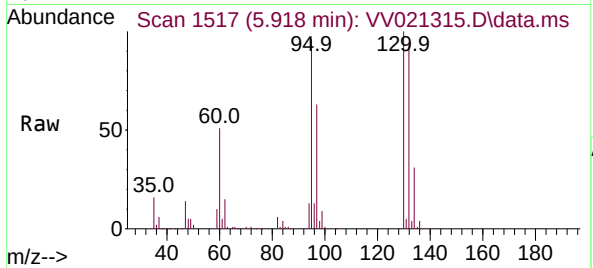


#34
Trichloroethene
Concen: 47.48 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 259341

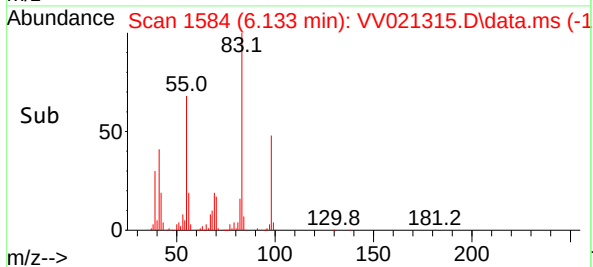
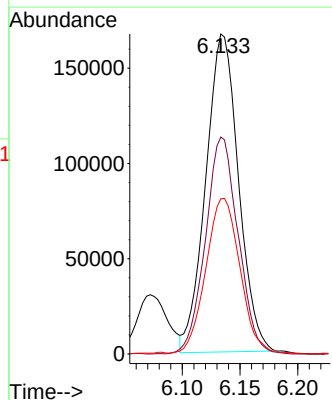
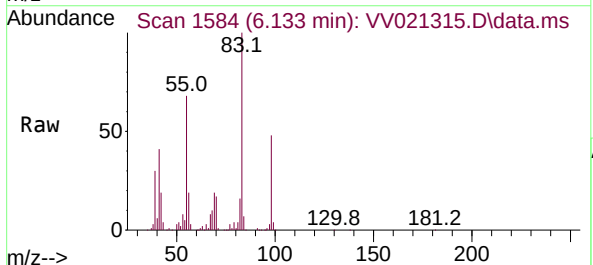
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.5	84.5
132	96.2	71.0	131.8
130	103.8	75.7	140.7

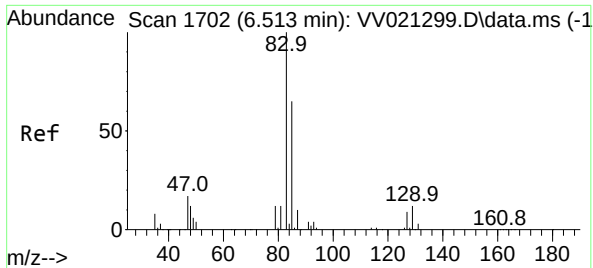


#35
Methylcyclohexane
Concen: 46.24 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 83 Resp: 329866

Ion	Ratio	Lower	Upper
83	100		
55	68.1	58.2	87.2
98	51.1	40.6	60.8

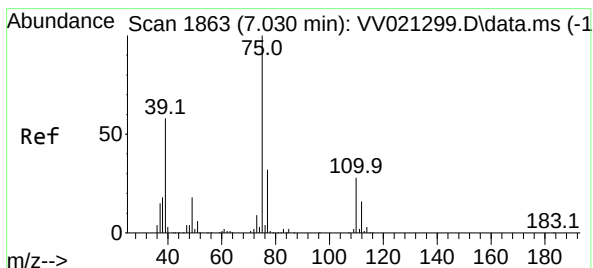
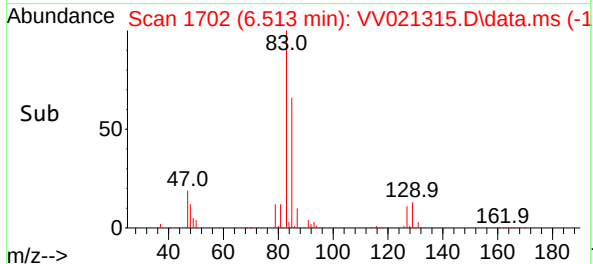
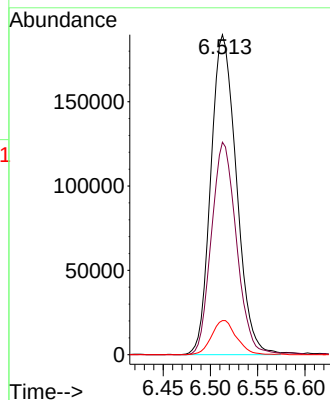
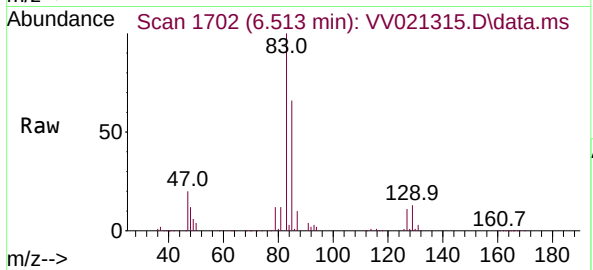




#38
Bromodichloromethane
Concen: 46.95 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

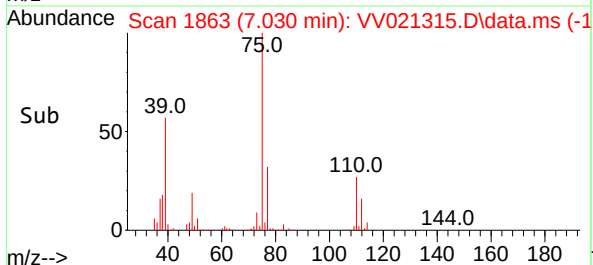
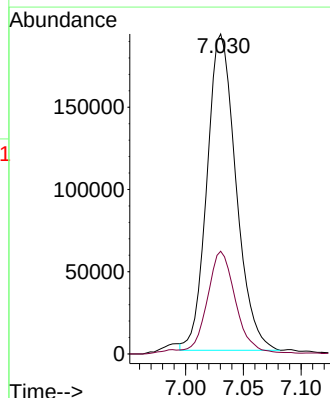
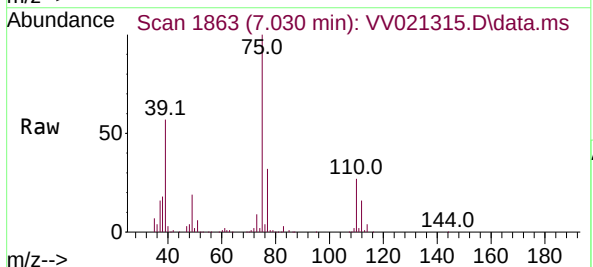
Instrument :
MSVOA_V
ClientSampled :

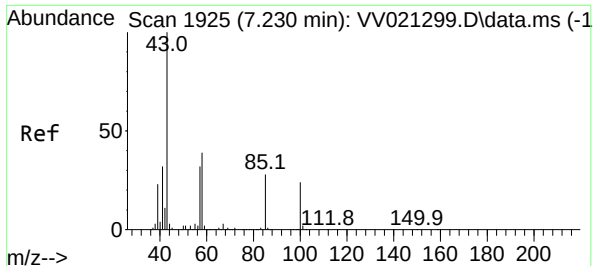
Tgt Ion: 83 Resp: 357063
Ion Ratio Lower Upper
83 100
85 66.4 46.2 85.8
127 10.7 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 48.05 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 75 Resp: 336067
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6

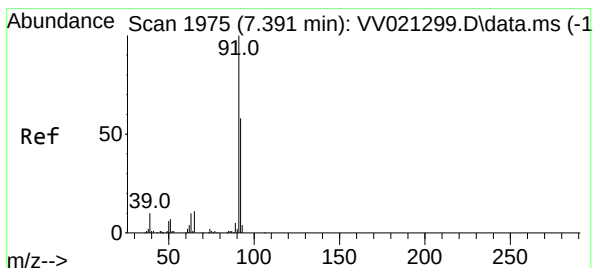
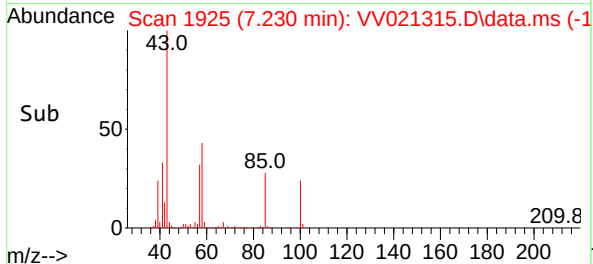
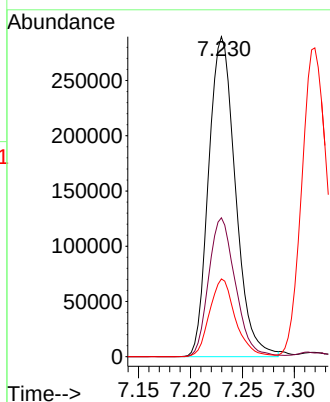
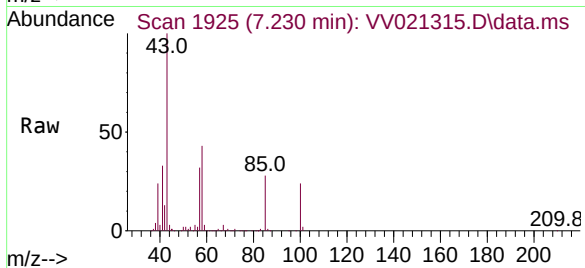




#40
4-Methyl-2-pentanone
Concen: 102.44 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

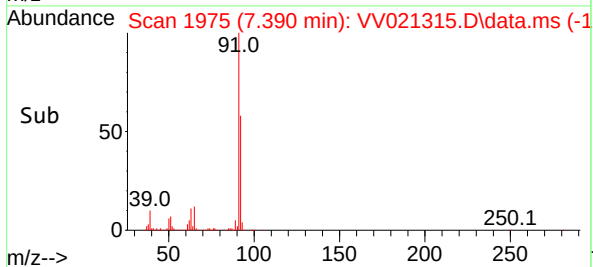
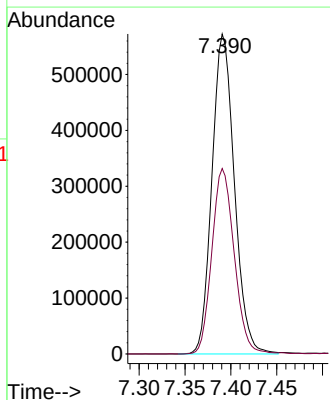
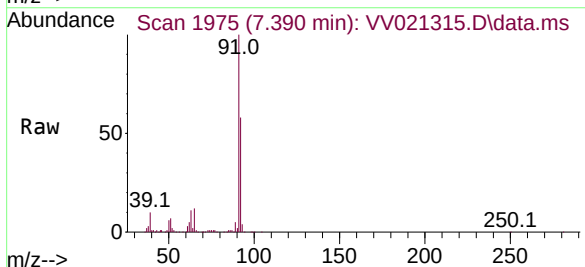
Instrument :
MSVOA_V
ClientSampleId :

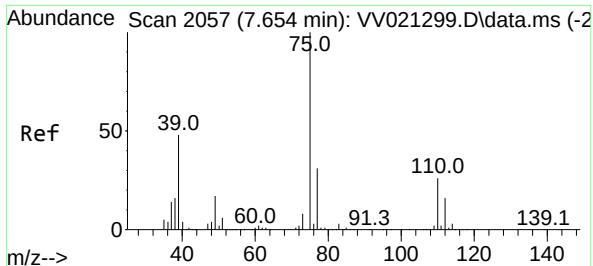
Tgt Ion: 43 Resp: 520214
Ion Ratio Lower Upper
43 100
58 43.2 34.5 51.7
100 23.4 15.2 22.8#



#42
Toluene
Concen: 49.25 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 91 Resp: 974393
Ion Ratio Lower Upper
91 100
92 58.0 41.0 76.2

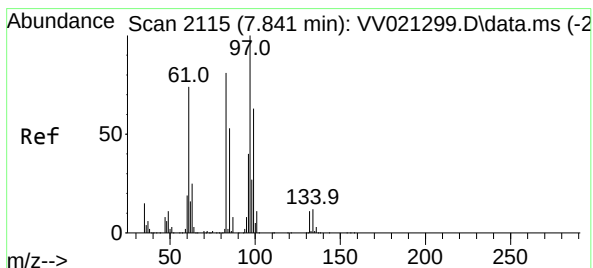
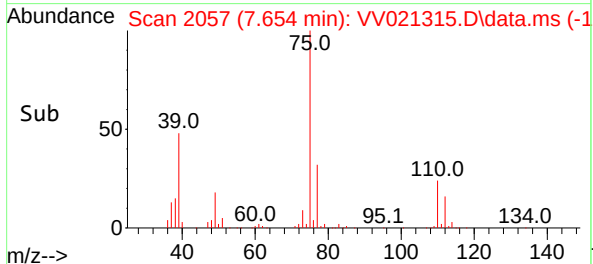
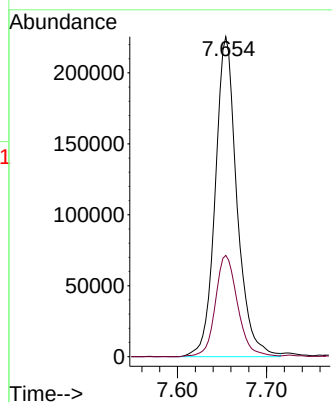
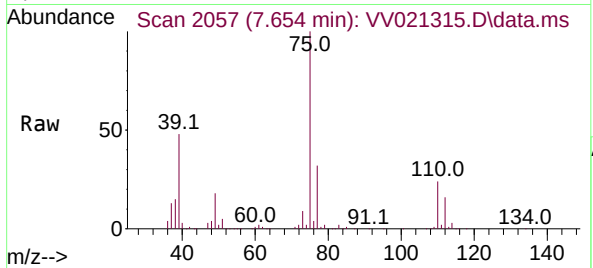




#44
trans-1,3-Dichloropropene
Concen: 50.11 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

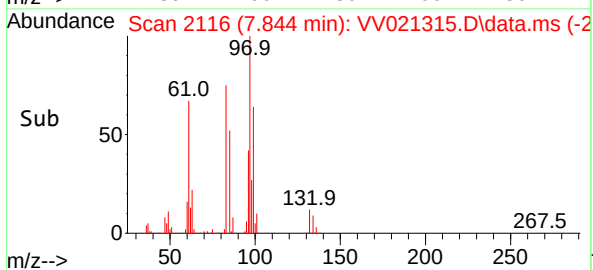
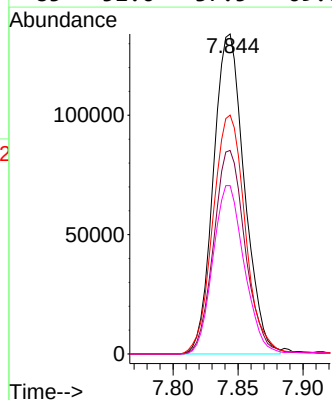
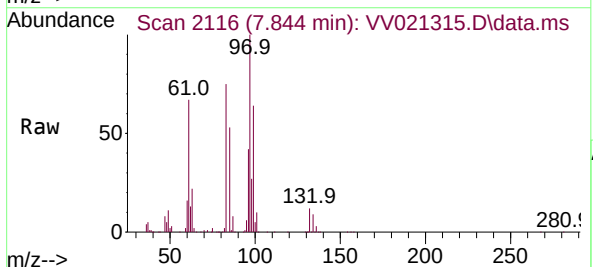
Instrument :
MSVOA_V
ClientSampleId :

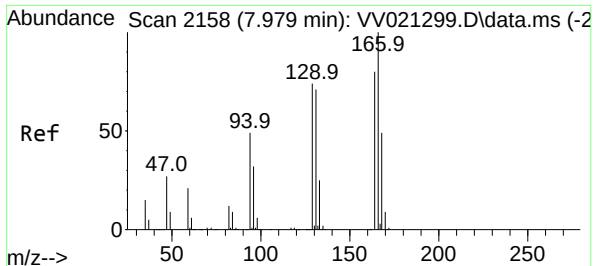
Tgt Ion: 75 Resp: 382301
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 48.38 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 97 Resp: 222499
Ion Ratio Lower Upper
97 100
99 63.6 43.7 81.1
83 74.7 59.6 110.6
85 52.6 37.5 69.6

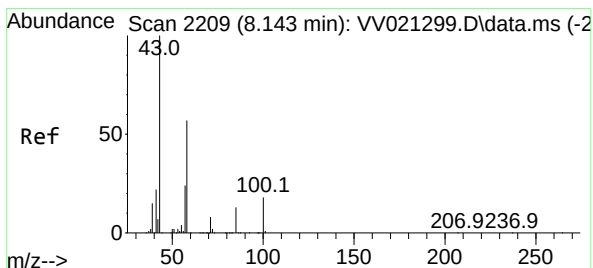
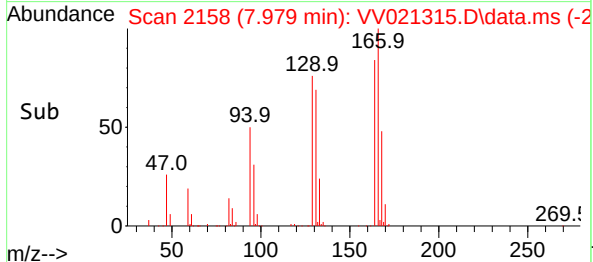
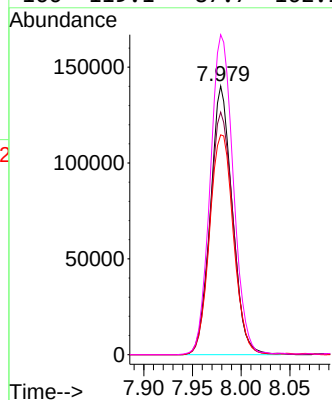
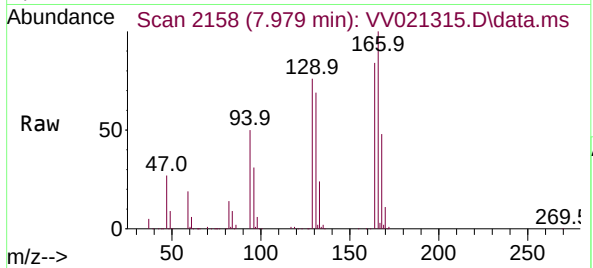




#46
Tetrachloroethene
Concen: 46.96 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

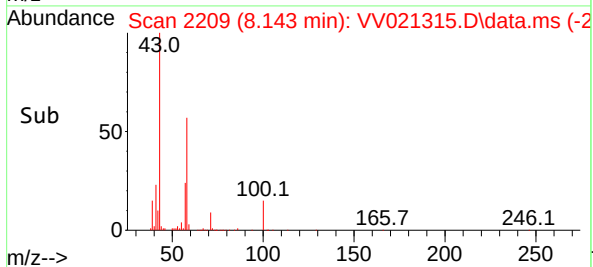
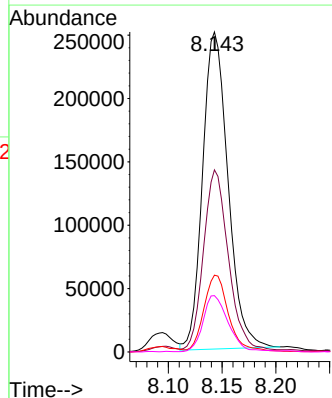
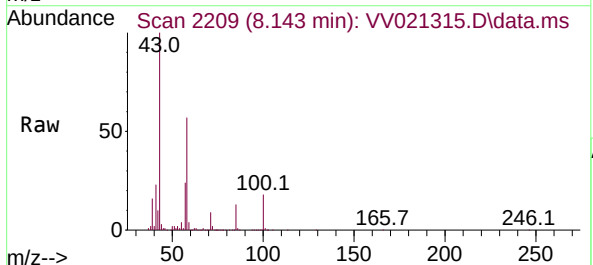
Instrument :
MSVOA_V
ClientSampleId :

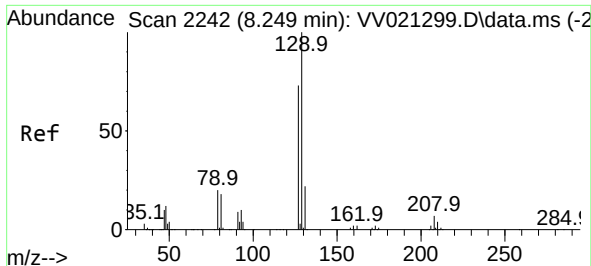
Tgt Ion:164	Resp:	220444
Ion Ratio	Lower	Upper
164	100	
129	90.3	63.8 118.4
131	81.8	59.3 110.1
166	119.1	87.7 162.9



#48
2-Hexanone
Concen: 100.75 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 43	Resp:	411009
Ion Ratio	Lower	Upper
43	100	
58	55.7	46.8 70.2
57	23.5	17.6 26.4
100	17.8	12.0 18.0

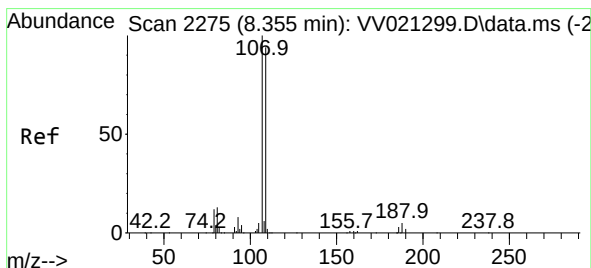
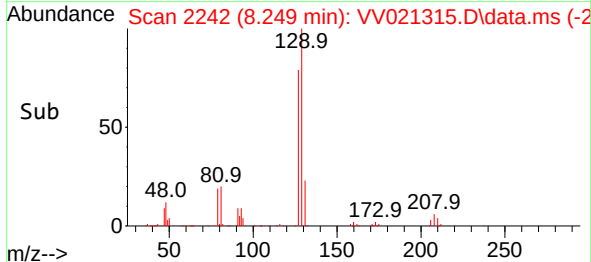
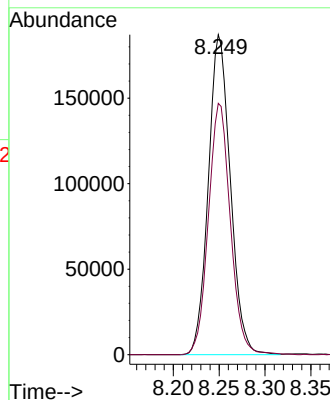
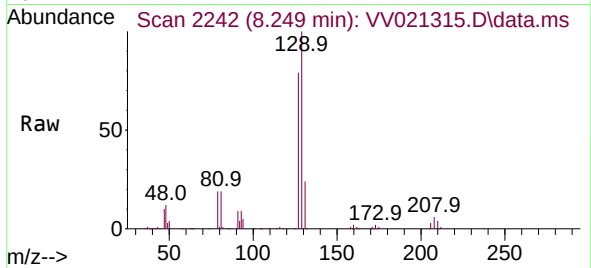




#49
Dibromochloromethane
Concen: 47.92 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

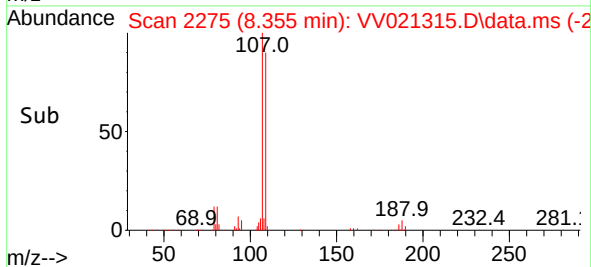
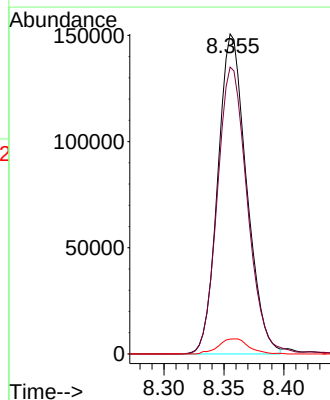
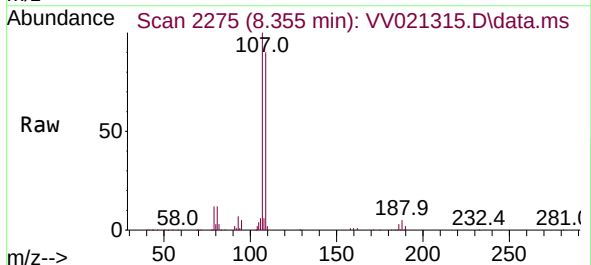
Instrument :
MSVOA_V
ClientSampleId :

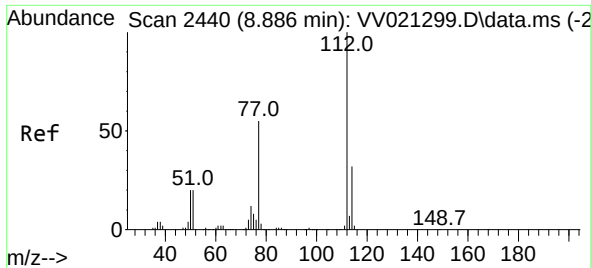
Tgt Ion:129 Resp: 312655
Ion Ratio Lower Upper
129 100
127 78.6 55.2 102.6



#50
1,2-Dibromoethane
Concen: 48.45 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:107 Resp: 251009
Ion Ratio Lower Upper
107 100
109 89.6 63.8 118.6
188 4.6 3.4 5.0

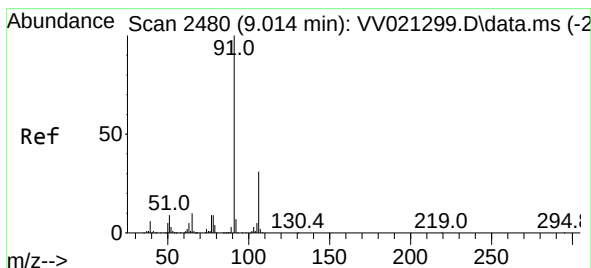
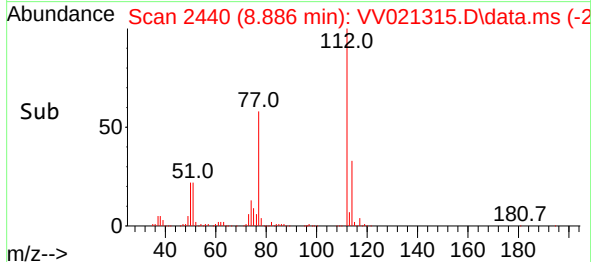
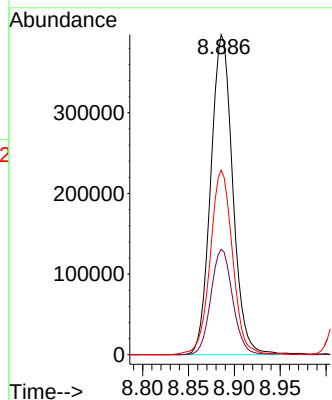
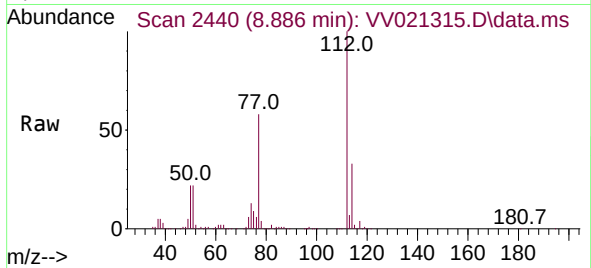




#51
Chlorobenzene
Concen: 48.36 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

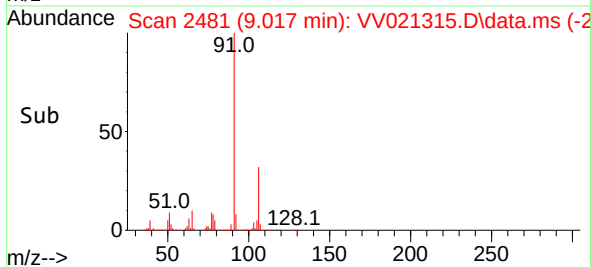
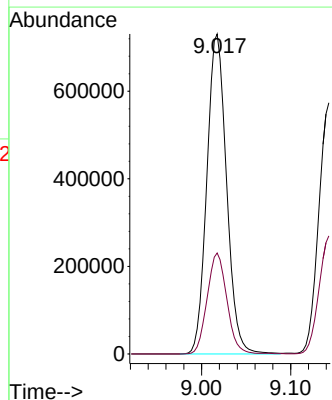
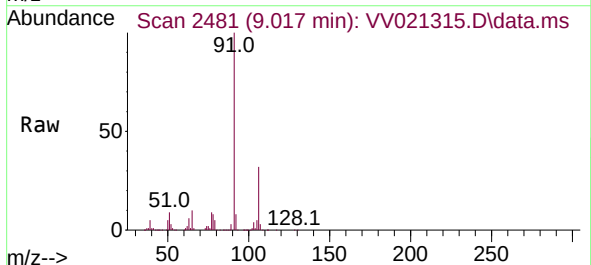
Instrument :
MSVOA_V
ClientSampleId :

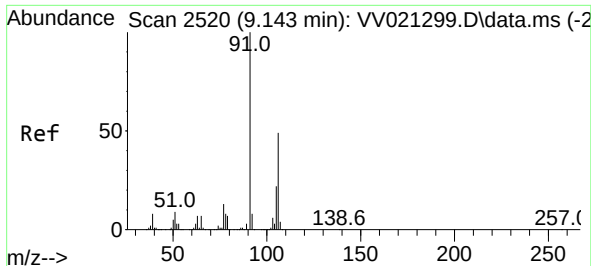
Tgt Ion:112 Resp: 661362
Ion Ratio Lower Upper
112 100
114 32.9 22.8 42.4
77 57.7 44.2 66.2



#52
Ethylbenzene
Concen: 49.06 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 91 Resp: 1121345
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4

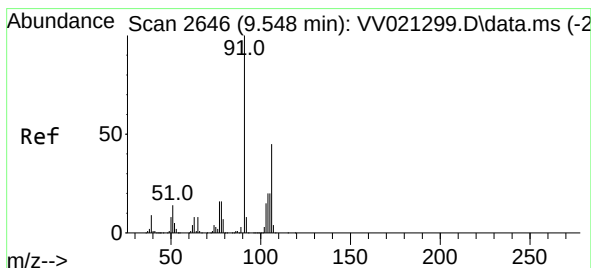
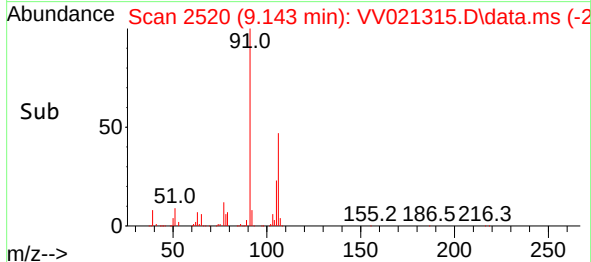
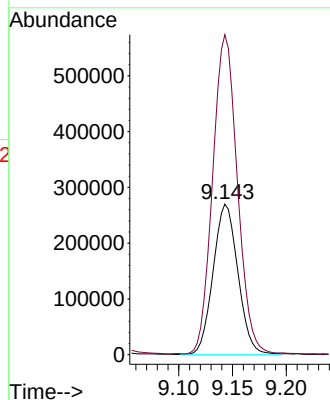
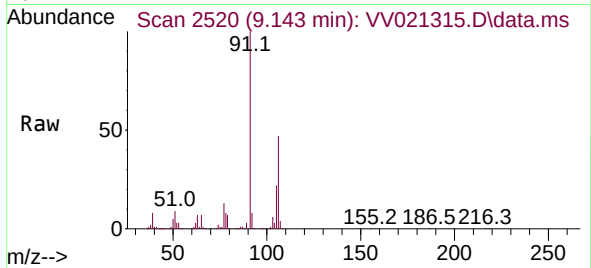




#53
m,p-Xylene
Concen: 48.33 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

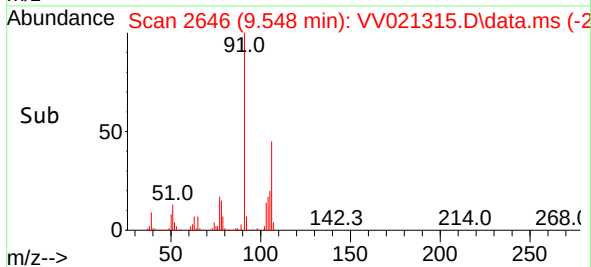
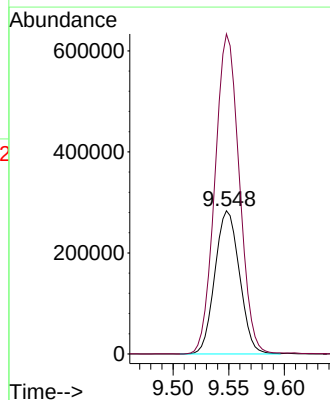
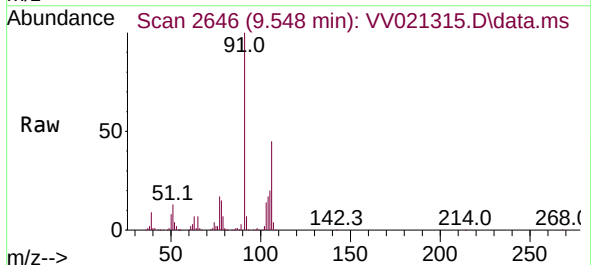
Instrument :
MSVOA_V
ClientSampled :

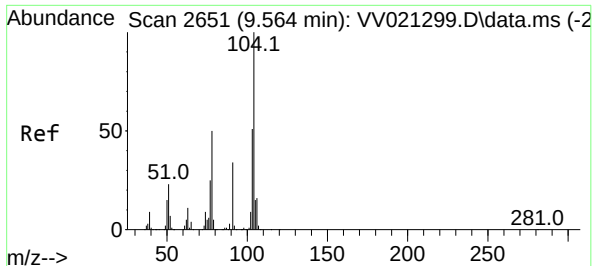
Tgt Ion:106 Resp: 433677
Ion Ratio Lower Upper
106 100
91 212.6 144.3 267.9



#54
o-Xylene
Concen: 50.35 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:106 Resp: 435531
Ion Ratio Lower Upper
106 100
91 223.5 150.4 279.4

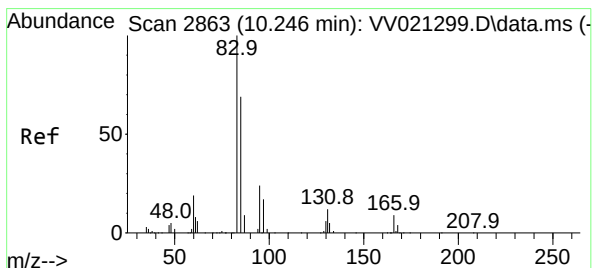
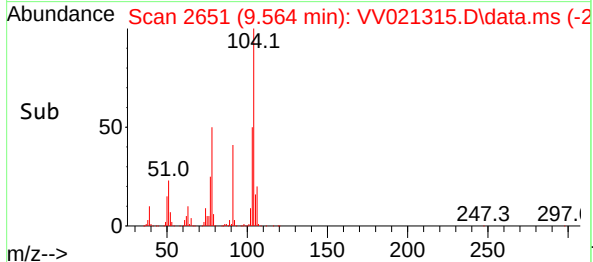
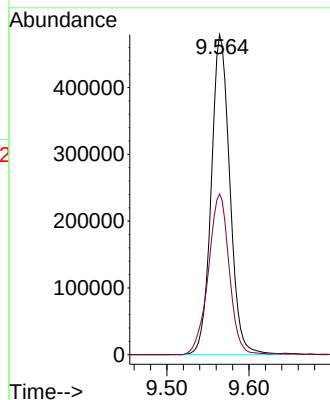
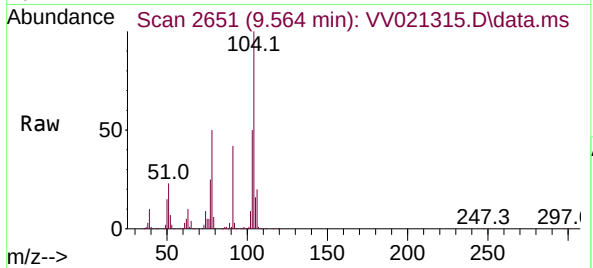




#55
Styrene
Concen: 51.31 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

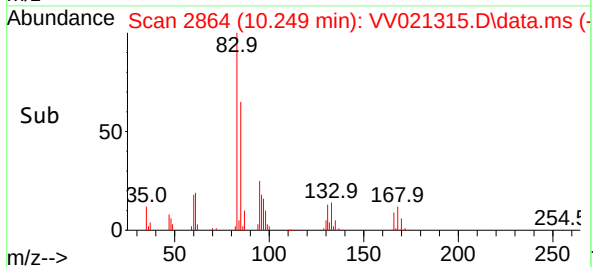
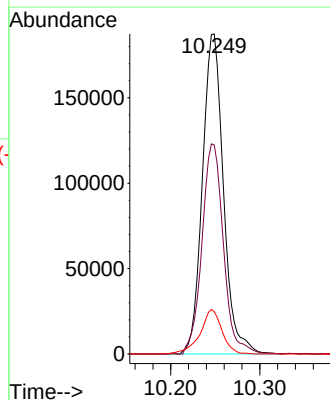
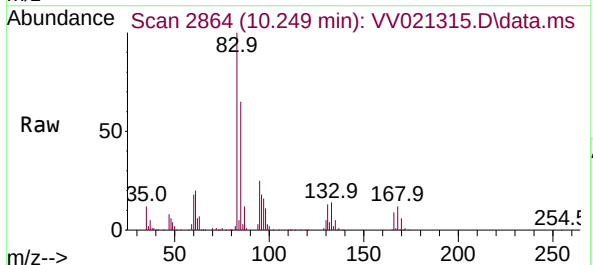
Instrument :
MSVOA_V
ClientSampleId :

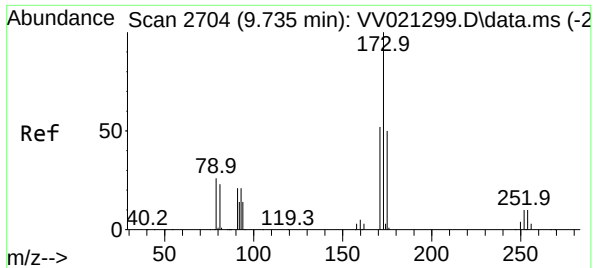
Tgt Ion:104 Resp: 755648
Ion Ratio Lower Upper
104 100
78 50.3 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 49.46 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 83 Resp: 307510
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0
131 13.2 8.8 13.2#

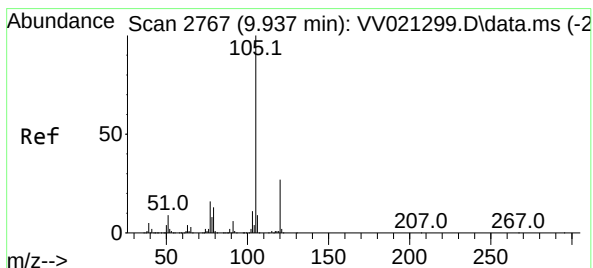
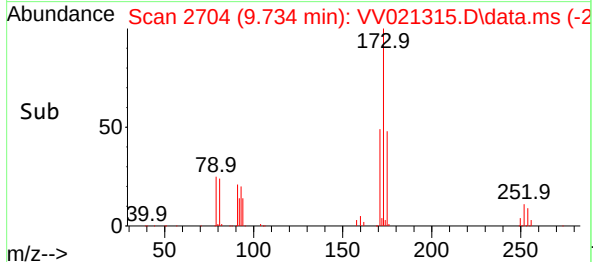
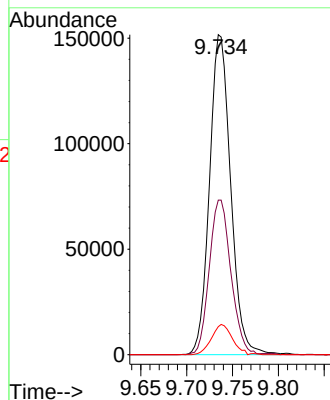
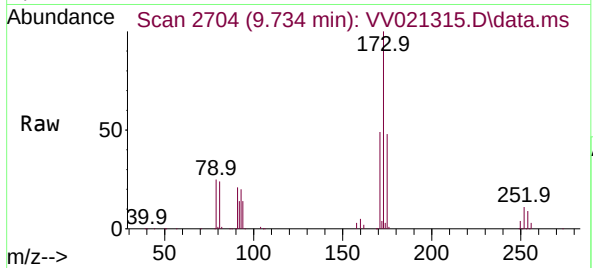




#59
Bromoform
Concen: 47.34 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

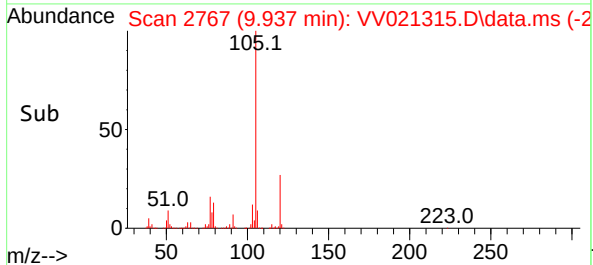
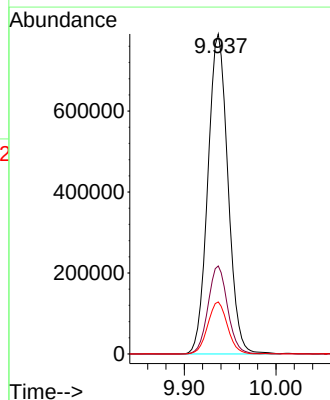
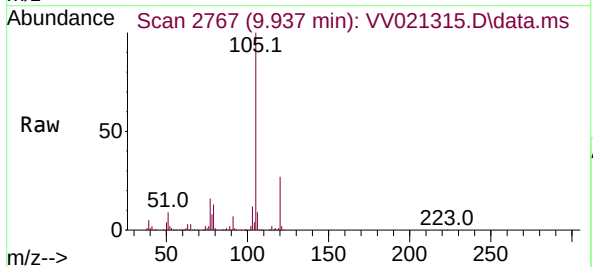
Instrument :
MSVOA_V
ClientSampleId :

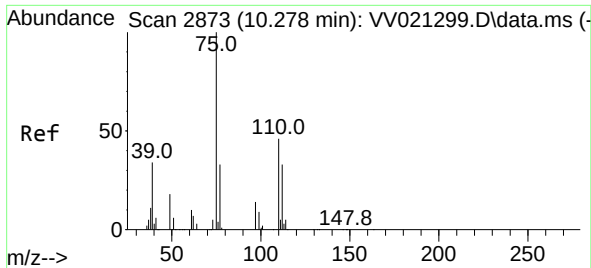
Tgt Ion:173 Resp: 243923
Ion Ratio Lower Upper
173 100
175 49.4 38.9 58.3
254 9.2 8.3 12.5



#60
Isopropylbenzene
Concen: 48.84 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:105 Resp: 1201357
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6
77 16.0 12.9 19.3

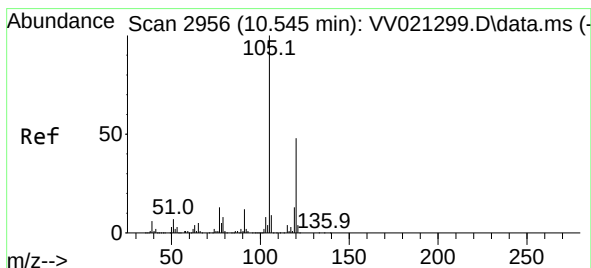
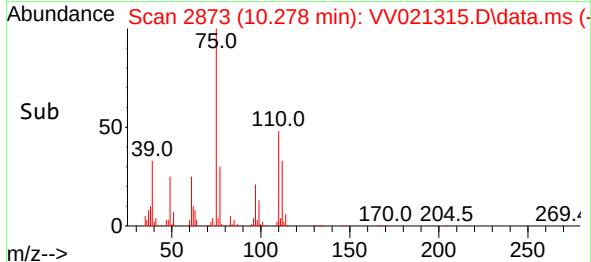
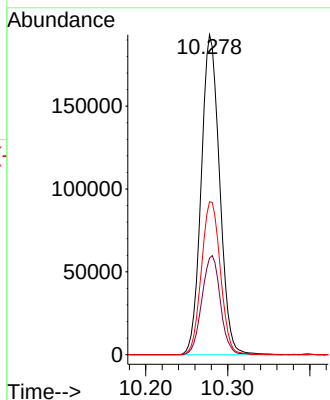
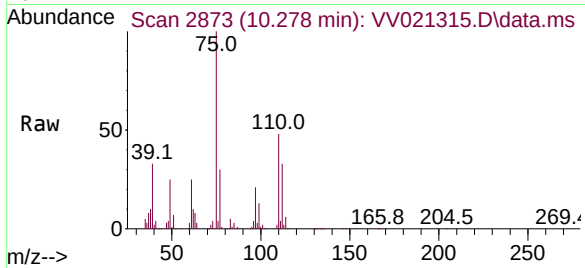




#61
1,2,3-Trichloropropane
Concen: 47.83 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

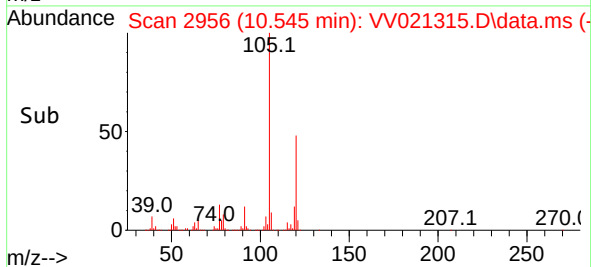
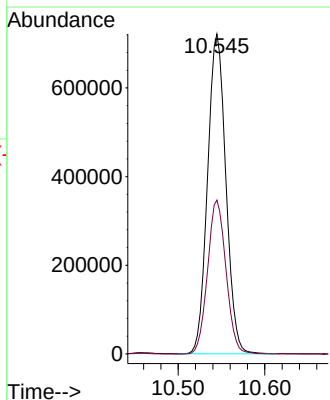
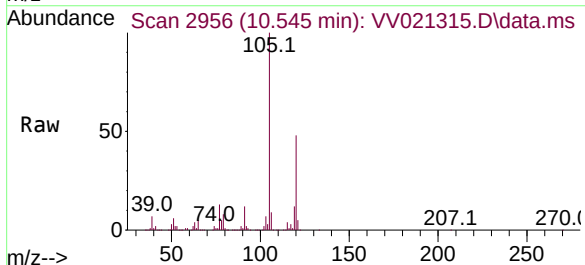
Instrument :
MSVOA_V
ClientSampleId :

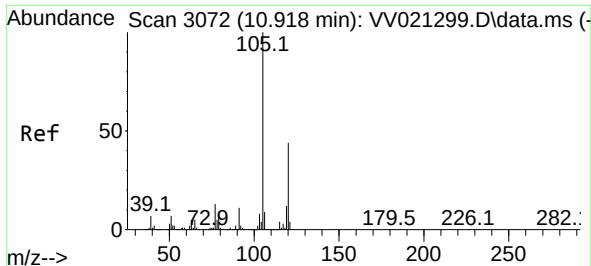
Tgt Ion: 75 Resp: 301043
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
110 49.3 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 49.13 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion: 105 Resp: 1058394
Ion Ratio Lower Upper
105 100
120 48.4 38.9 58.3

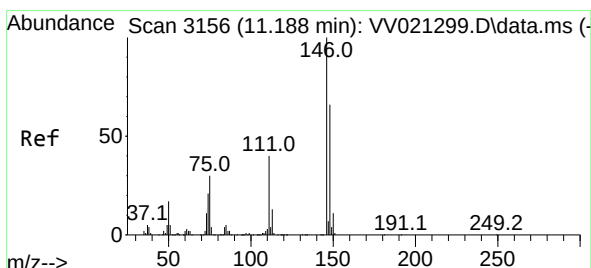
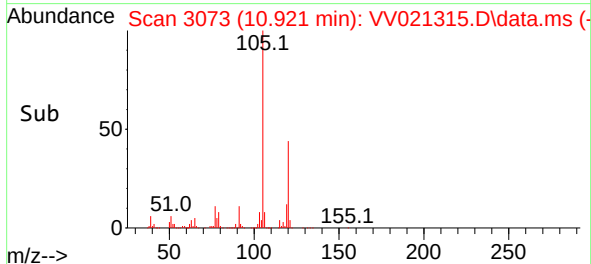
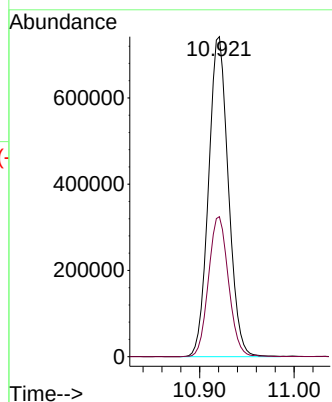
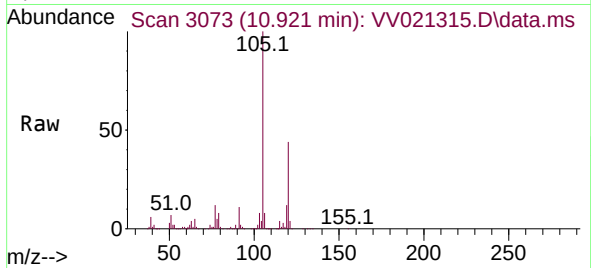




#63
1,2,4-Trimethylbenzene
Concen: 49.99 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

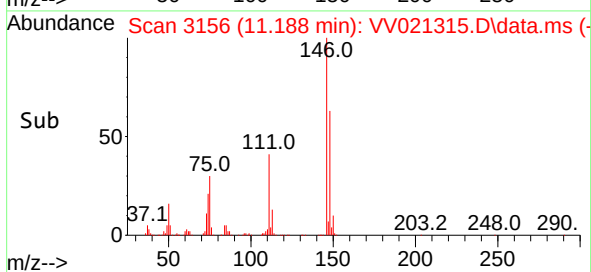
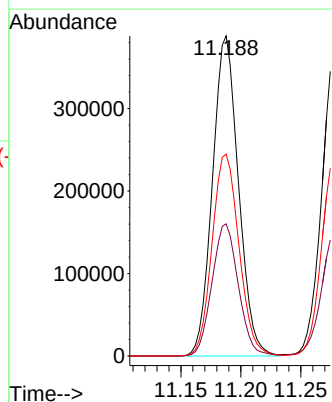
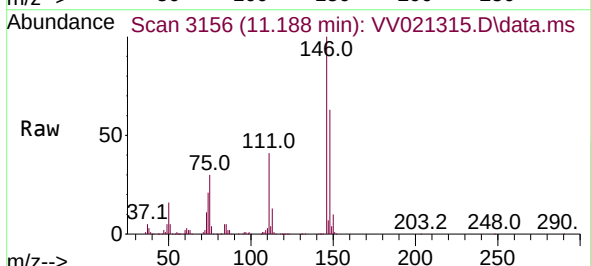
Instrument :
MSVOA_V
ClientSampled :

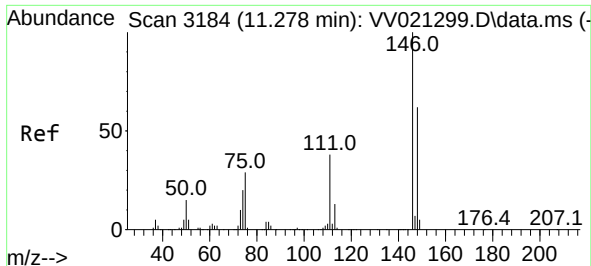
Tgt Ion:105 Resp: 1080753
Ion Ratio Lower Upper
105 100
120 44.0 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 48.92 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:146 Resp: 584282
Ion Ratio Lower Upper
146 100
111 41.3 27.6 51.2
148 63.1 45.1 83.7

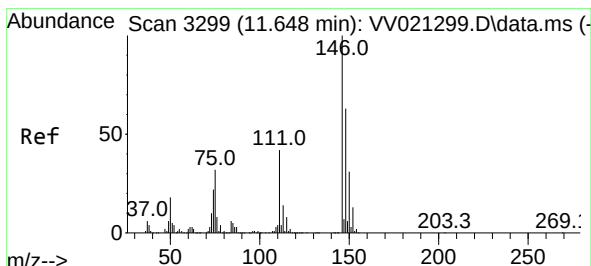
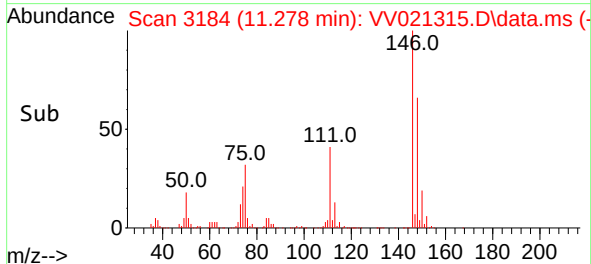
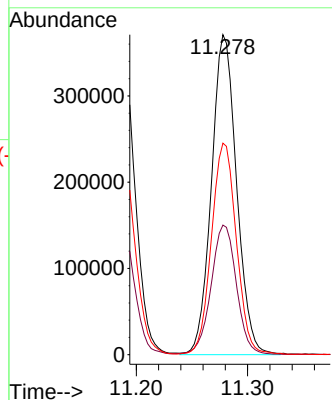
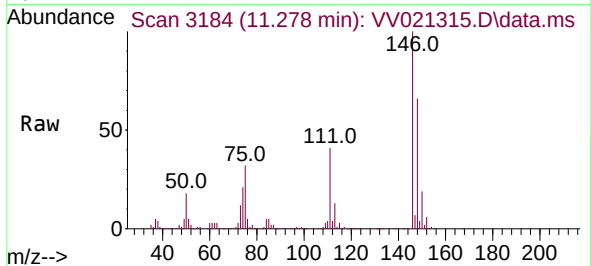




#65
1,4-Dichlorobenzene
Concen: 47.61 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

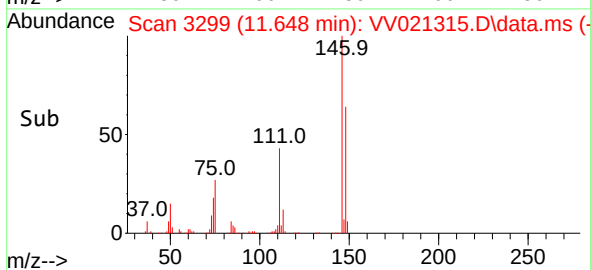
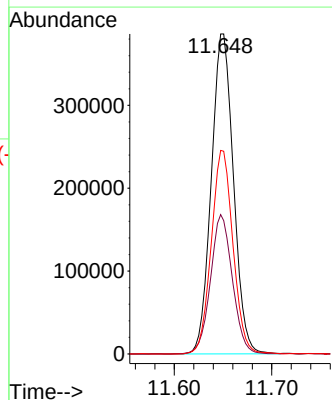
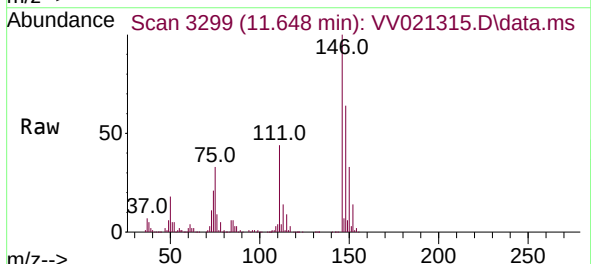
Instrument :
MSVOA_V
ClientSampled :

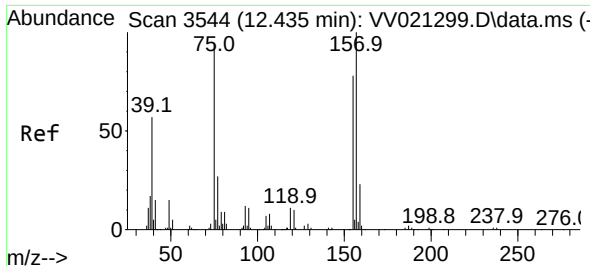
Tgt Ion:146 Resp: 582254
Ion Ratio Lower Upper
146 100
111 40.5 26.3 48.9
148 66.1 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 50.56 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:146 Resp: 609909
Ion Ratio Lower Upper
146 100
111 43.5 33.2 49.8
148 63.6 50.6 75.8

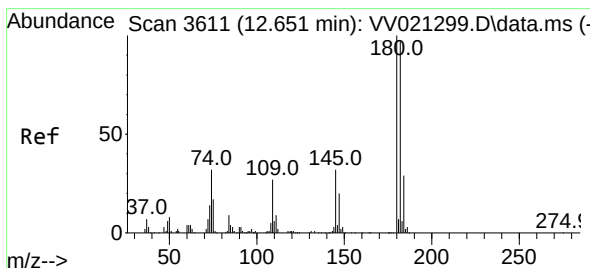
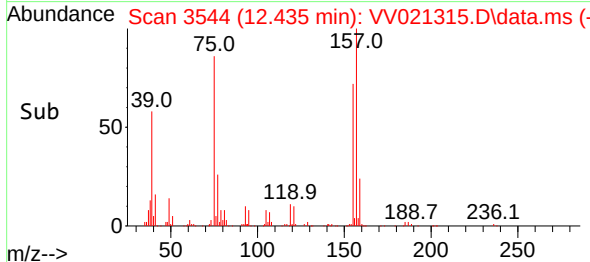
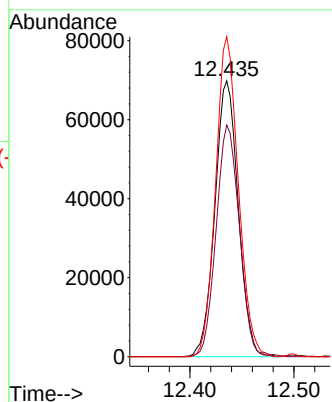
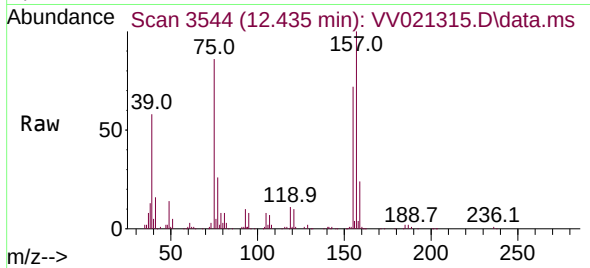




#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.79 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

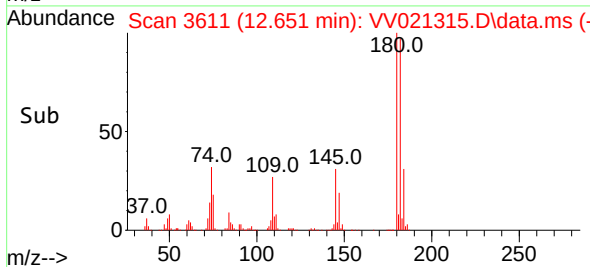
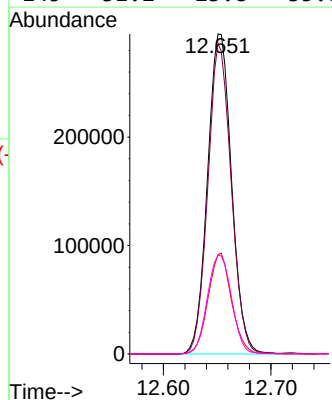
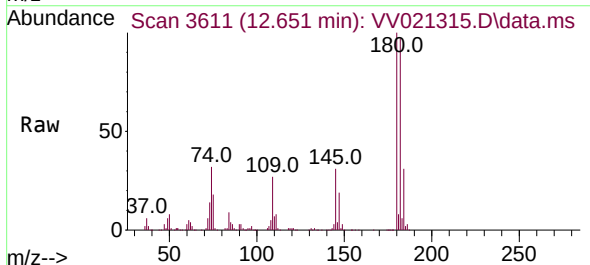
Instrument :
 MSVOA_V
 ClientSampleId :

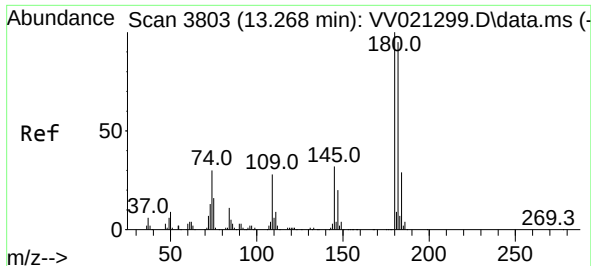
Tgt Ion: 75 Resp: 108996
 Ion Ratio Lower Upper
 75 100
 155 84.0 72.8 109.2
 157 116.0 94.6 142.0



#69
 1,3,5-Trichlorobenzene
 Concen: 49.54 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

Tgt Ion: 180 Resp: 458203
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.4 116.0
 184 30.6 24.1 36.1
 145 31.2 23.8 35.8

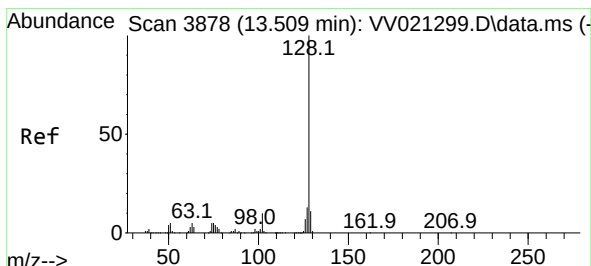
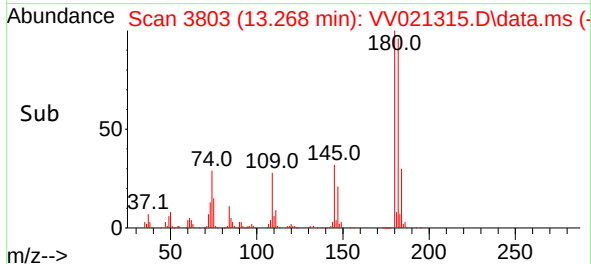
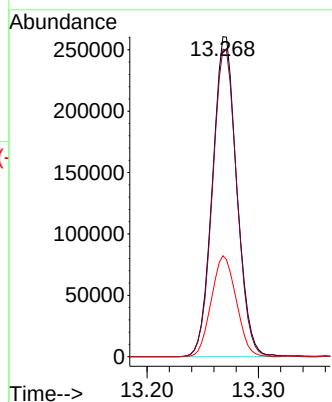
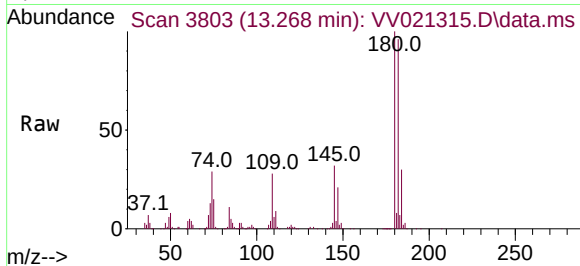




#70
1,2,4-trichlorobenzene
Concen: 52.42 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

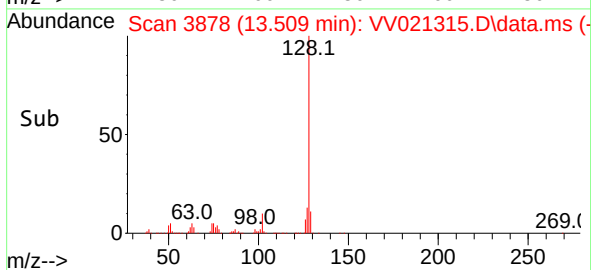
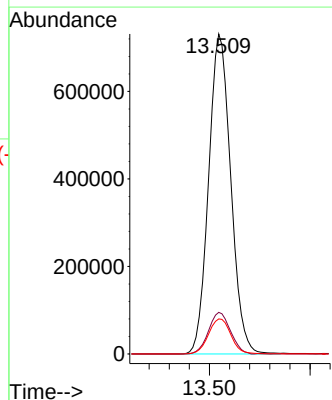
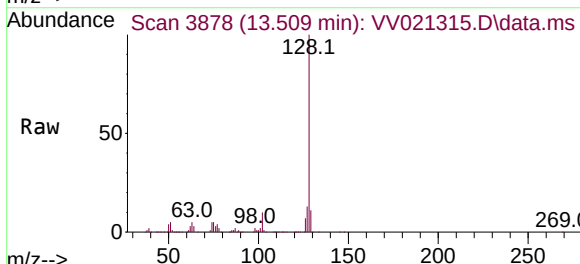
Instrument :
MSVOA_V
ClientSampleId :

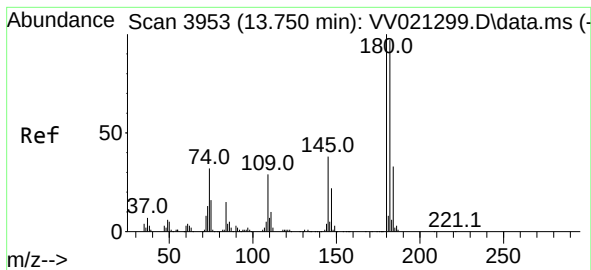
Tgt Ion:	180	Resp:	394702
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.5	116.3
145	32.3	24.3	36.5



#71
Naphthalene
Concen: 54.04 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021315.D
Acq: 06 May 2021 18:47

Tgt Ion:	128	Resp:	1117659
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 53.52 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV021315.D
 Acq: 06 May 2021 18:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 407874

Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.9	113.9
145	34.0	25.0	37.6

