

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
 Data File : VN055483.D
 Acq On : 8 May 2019 19:30
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN050819

Quant Time: May 09 04:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:10:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	713154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1258297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1116606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	482611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	545495	50.80	ug/l	0.00
Spiked Amount						
			Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	409155	50.41	ug/l	0.00
Spiked Amount						
			Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1611250	50.94	ug/l	0.00
Spiked Amount						
			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	559236	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	345360	47.565	ug/l	100
3) Chloromethane	2.06	50	573982	48.660	ug/l	98
4) Vinyl Chloride	2.19	62	542739	48.742	ug/l	99
5) Bromomethane	2.54	94	315674	51.743	ug/l	99
6) Chloroethane	2.69	64	330870	51.014	ug/l	97
7) Trichlorofluoromethane	3.01	101	600672	49.173	ug/l	99
8) Diethyl Ether	3.41	74	272652	49.699	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	375211	48.278	ug/l	100
10) Methyl Iodide	3.94	142	550200	52.379	ug/l	99
11) Tert butyl alcohol	4.82	59	428888	270.517	ug/l	100
12) 1,1-Dichloroethene	3.73	96	390149	50.055	ug/l	99
13) Acrolein	3.60	56	282729	267.575	ug/l	97
14) Allyl chloride	4.32	41	812347	50.879	ug/l	99
15) Acrylonitrile	5.00	53	1285265	261.804	ug/l	100
16) Acetone	3.82	43	1104020	222.052	ug/l	98
17) Carbon Disulfide	4.04	76	1096327	51.536	ug/l	100
18) Methyl Acetate	4.33	43	538031	51.603	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1345292	51.943	ug/l	97
20) Methylene Chloride	4.55	84	483823	47.589	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	424119	50.188	ug/l	98
22) Diisopropyl ether	5.96	45	1679944	51.777	ug/l	100
23) Vinyl Acetate	5.90	43	6851439	273.052	ug/l	99
24) 1,1-Dichloroethane	5.85	63	872438	49.812	ug/l	99
25) 2-Butanone	6.85	43	1786381	260.100	ug/l	100
26) 2,2-Dichloropropane	6.82	77	537240	49.205	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	490634	50.236	ug/l	98
28) Bromochloromethane	7.20	49	461679	50.758	ug/l	99
29) Tetrahydrofuran	7.22	42	1178751	259.616	ug/l	100
30) Chloroform	7.37	83	811426	50.114	ug/l	99
31) Cyclohexane	7.65	56	829511	47.867	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	629398	51.046	ug/l	100
36) 1,1-Dichloropropene	7.79	75	624722	50.395	ug/l	99
37) Ethyl Acetate	6.94	43	708629	52.404	ug/l	99
38) Carbon Tetrachloride	7.77	117	516932	49.523	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	734062	48.567	ug/l	98
40) Benzene	8.04	78	1930970	50.190	ug/l	100
41) Methacrylonitrile	7.18	41	342095	54.506	ug/l	99
42) 1,2-Dichloroethane	8.13	62	657215	48.622	ug/l	100
43) Isopropyl Acetate	8.17	43	1094408	53.272	ug/l #	90
44) Trichloroethene	8.84	130	452055	49.382	ug/l	99
45) 1,2-Dichloropropane	9.12	63	541746	49.213	ug/l	99
46) Dibromomethane	9.21	93	311490	48.818	ug/l	98
47) Bromodichloromethane	9.40	83	624005	51.120	ug/l	98
48) Methyl methacrylate	9.20	41	534777	54.028	ug/l	100
49) 1,4-Dioxane	9.20	88	206017	1067.897	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	3555188	263.126	ug/l	100
52) Toluene	10.16	92	1132463	51.487	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	643574	54.895	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	754057	53.826	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	445625	50.005	ug/l	99
56) Ethyl methacrylate	10.43	69	713385	53.818	ug/l	99
57) 1,3-Dichloropropane	10.71	76	806265	50.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1055895	237.298	ug/l	99
59) 2-Hexanone	10.75	43	2484144	262.164	ug/l	100
60) Dibromochloromethane	10.90	129	435492	53.748	ug/l	100
61) 1,2-Dibromoethane	11.01	107	444354	51.896	ug/l	99
64) Tetrachloroethene	10.63	164	418915	45.786	ug/l	99
65) Chlorobenzene	11.43	112	1130287	49.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	403920	51.073	ug/l	99
67) Ethyl Benzene	11.51	91	2165663	50.194	ug/l	100
68) m/p-Xylenes	11.62	106	1577686	101.892	ug/l	98
69) o-Xylene	11.95	106	773848	50.848	ug/l	100
70) Styrene	11.96	104	1309845	53.722	ug/l	100
71) Bromoform	12.13	173	285748	53.543	ug/l #	99
73) Isopropylbenzene	12.25	105	2037573	51.266	ug/l	99
74) N-amyl acetate	12.07	43	915537	49.968	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	668856	51.781	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	811074	73.114	ug/l #	100
77) Bromobenzene	12.53	156	468571	44.056	ug/l	100
78) n-propylbenzene	12.59	91	2365719	45.703	ug/l	100
79) 2-Chlorotoluene	12.67	91	1418529	43.973	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1752116	45.395	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	171269	48.100	ug/l	100
82) 4-Chlorotoluene	12.77	91	1407340	46.170	ug/l	100
83) tert-Butylbenzene	12.99	119	1447583	43.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1696685	47.931	ug/l	100
85) sec-Butylbenzene	13.17	105	1988561	45.227	ug/l	100
86) p-Isopropyltoluene	13.29	119	1706147	47.680	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	805255	48.997	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	773443	47.687	ug/l	99
89) n-Butylbenzene	13.61	91	1409150	50.805	ug/l	99
90) Hexachloroethane	13.87	117	269384	46.150	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	801654	48.806	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	113273	51.041	ug/l	99

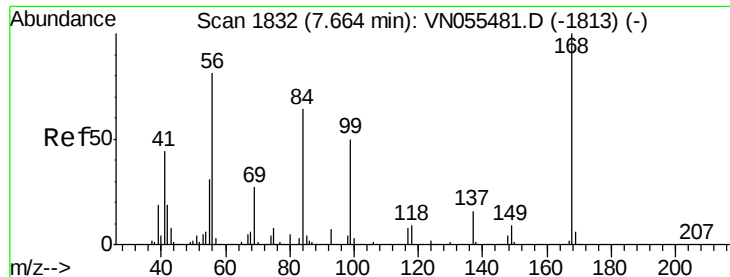
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
Data File : VN055483.D
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Quant Title : SW846 8260
QLast Update : Thu May 09 04:10:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	344789	48.325	ug/l	98
94) Hexachlorobutadiene	15.01	225	251956	51.924	ug/l	100
95) Naphthalene	15.13	128	994743	49.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	378041	48.872	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

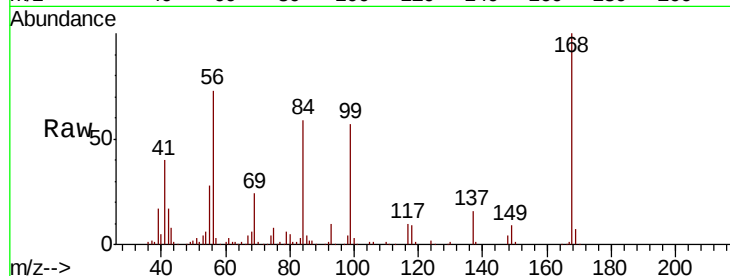
ICVVN050819

Tot Ion:168 Resp: 713154

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

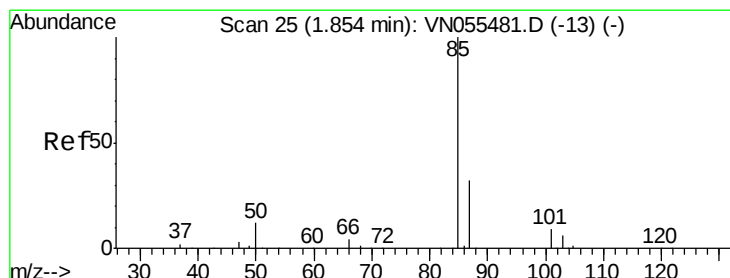
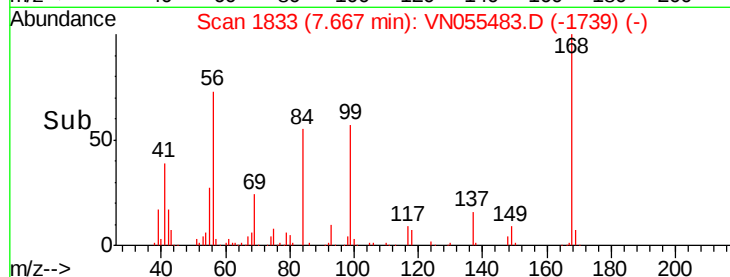
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.565 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055483.D

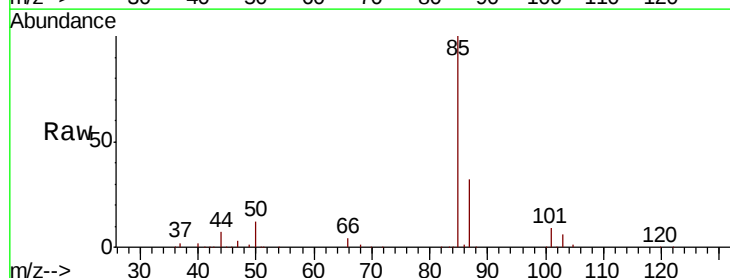
Acq: 8 May 2019 19:30

Tgt Ion: 85 Resp: 345360

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250000

200000

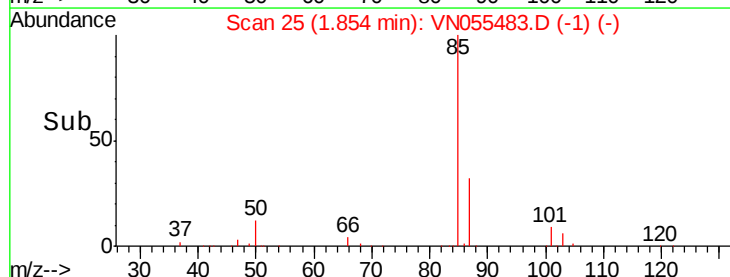
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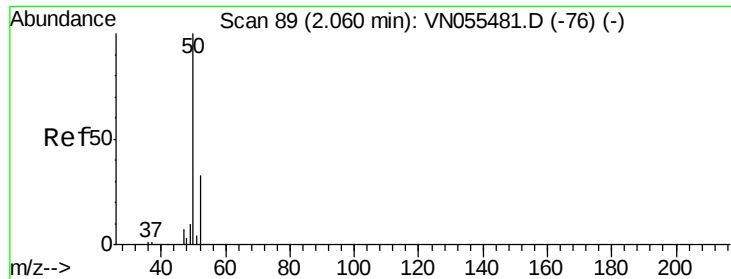
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50000

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Time-->





#3

Chloromethane

Concen: 48.660 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

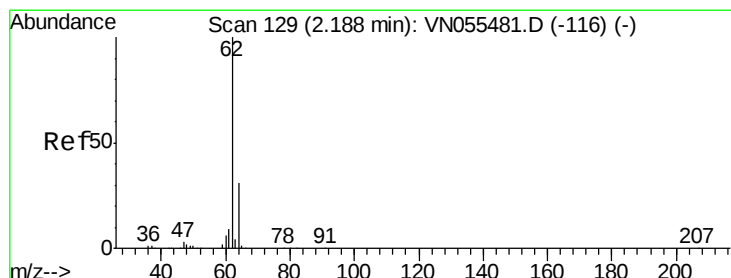
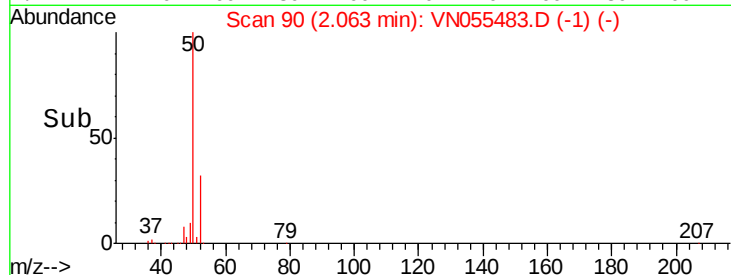
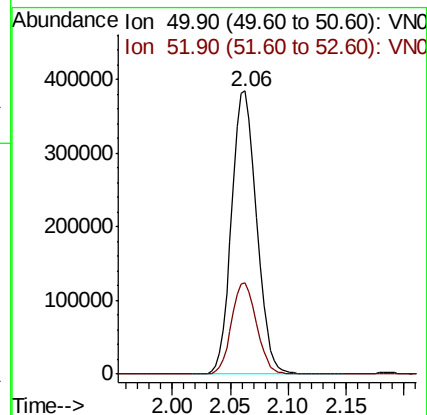
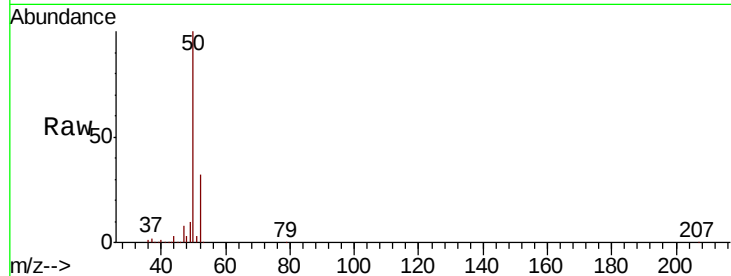
ICV050819

Tot Ion: 50 Resp: 573982

Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8



#4

Vinyl Chloride

Concen: 48.742 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055483.D

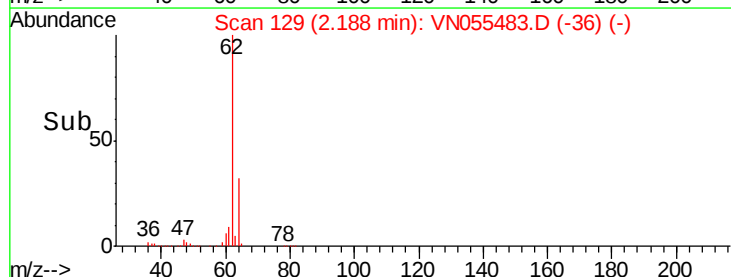
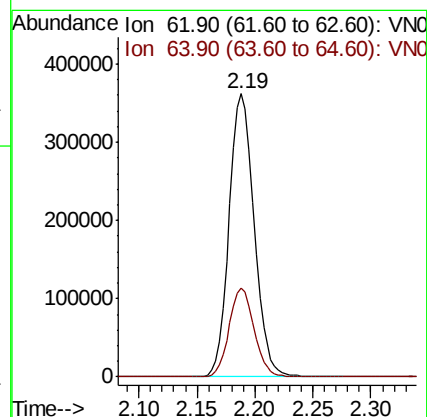
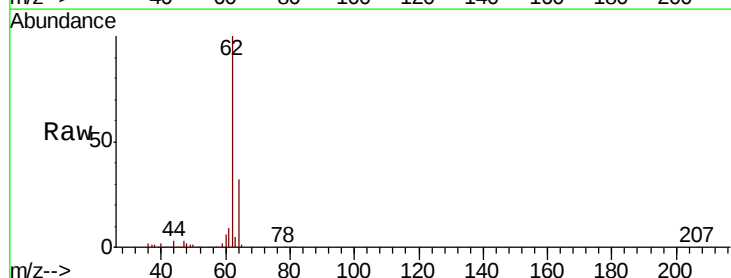
Acq: 8 May 2019 19:30

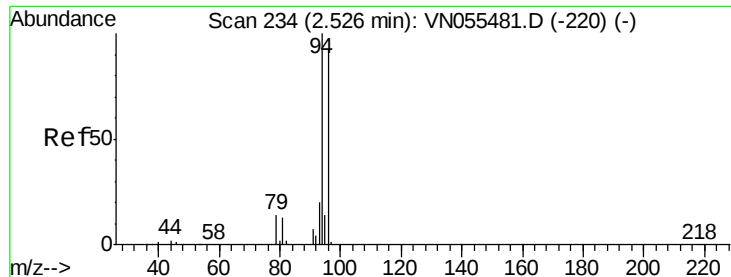
Tgt Ion: 62 Resp: 542739

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6

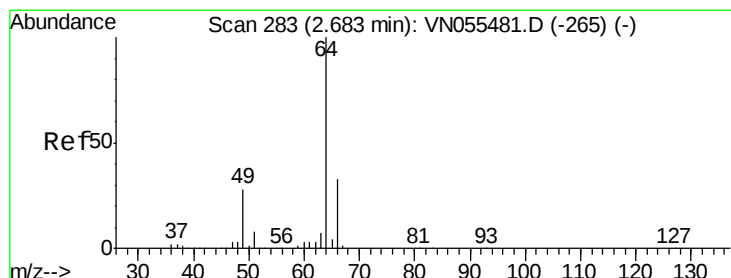
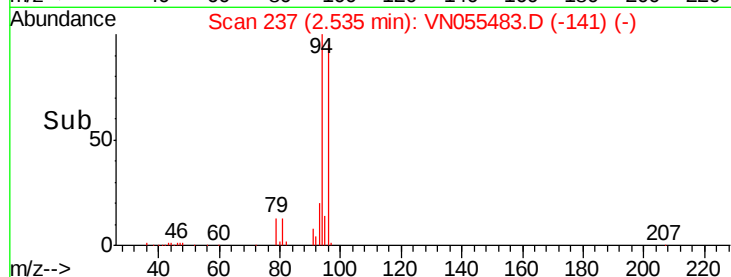
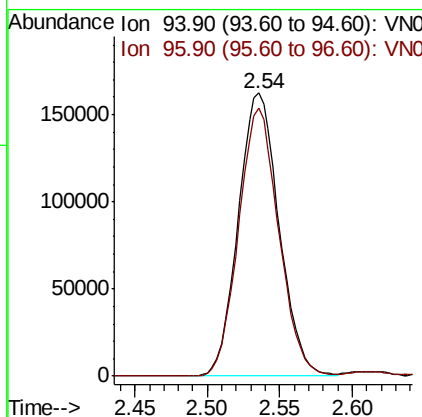
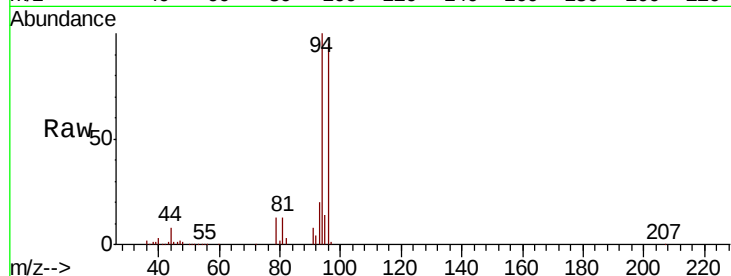




#5
Bromomethane
Concen: 51.743 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.01 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

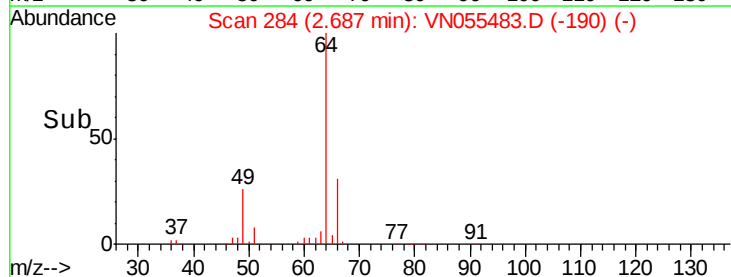
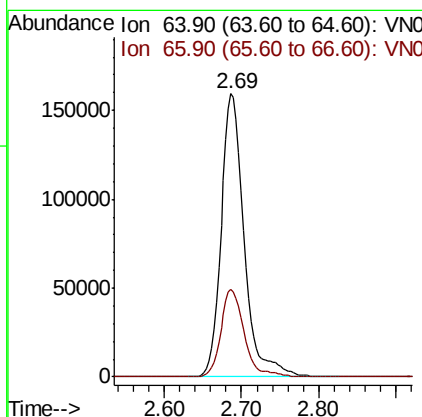
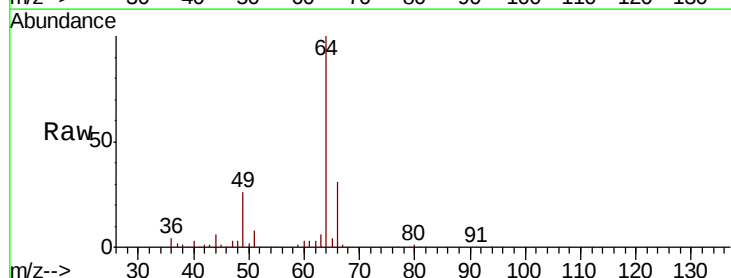
Instrument :
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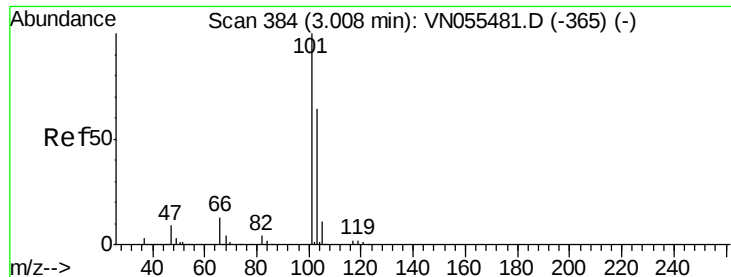
Tot Ion: 94 Resp: 315674
Ion Ratio Lower Upper
94 100
96 94.6 74.8 112.2



#6
Chloroethane
Concen: 51.014 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 64 Resp: 330870
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.2



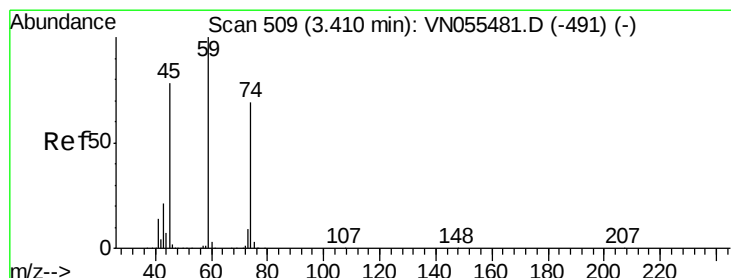
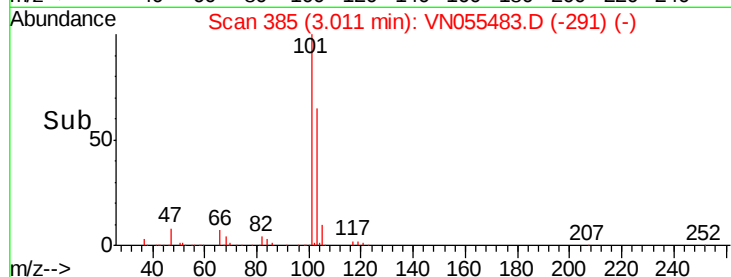
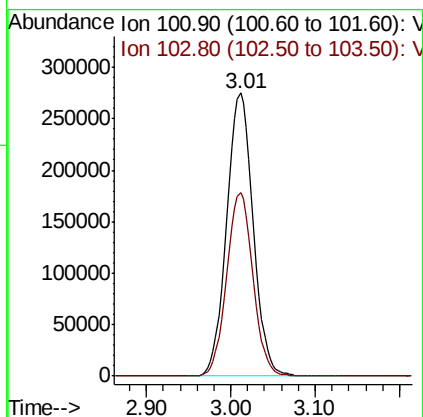
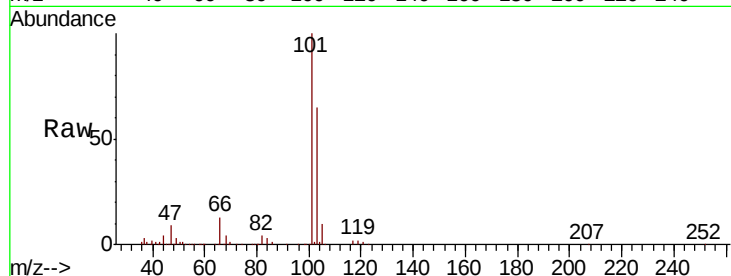


#7

Trichlorofluoromethane
 Concen: 49.173 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Instrument :
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 ClientSampleId :
 ICVVN050819

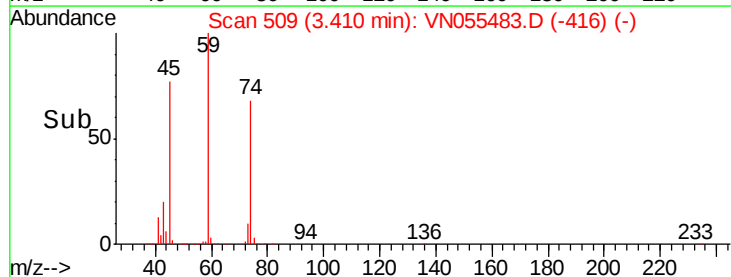
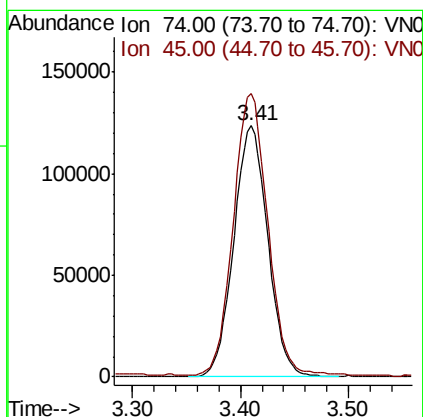
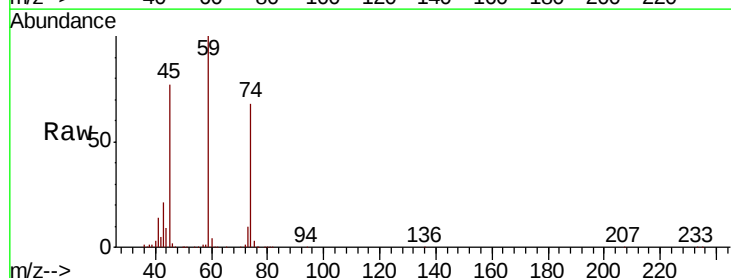
Tot Ion:101 Resp: 600672
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

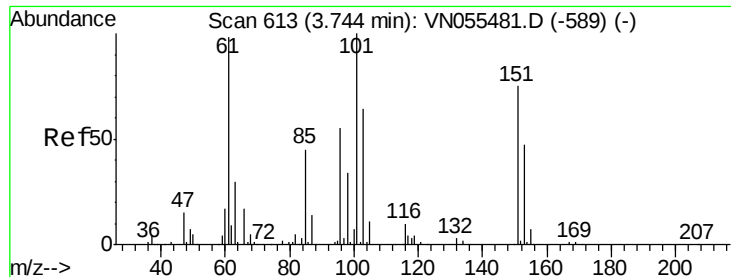


#8

Diethyl Ether
 Concen: 49.699 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 74 Resp: 272652
 Ion Ratio Lower Upper
 74 100
 45 112.6 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.278 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

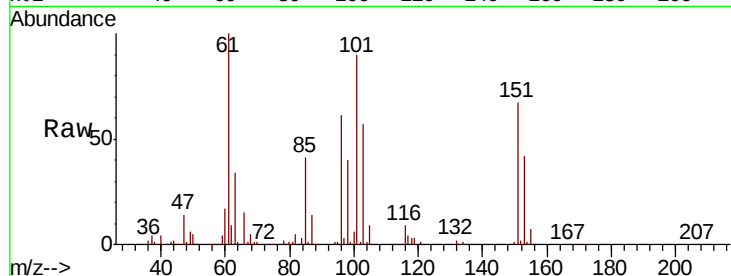
Tot Ion:101 Resp: 375211

Ion Ratio Lower Upper

101 100

85 44.7 35.5 53.3

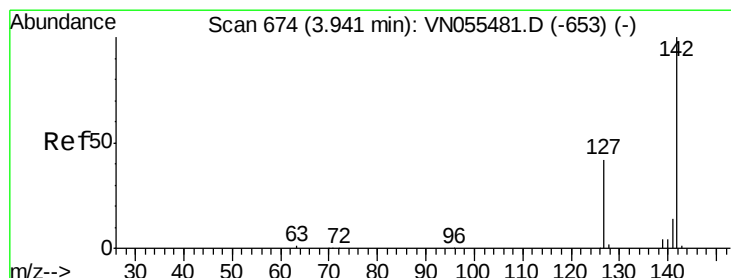
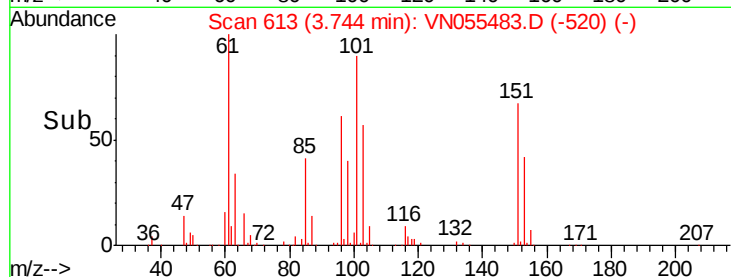
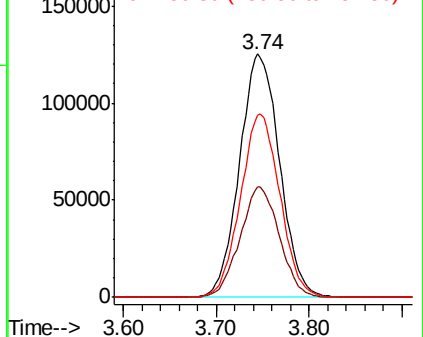
151 74.3 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.379 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

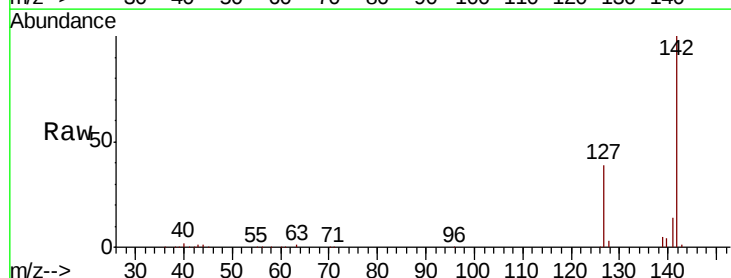
Tgt Ion:142 Resp: 550200

Ion Ratio Lower Upper

142 100

127 40.3 33.0 49.4

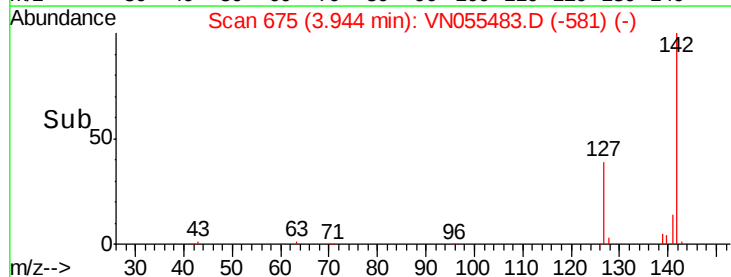
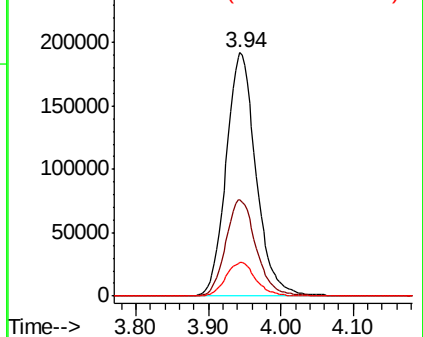
141 14.0 11.4 17.0

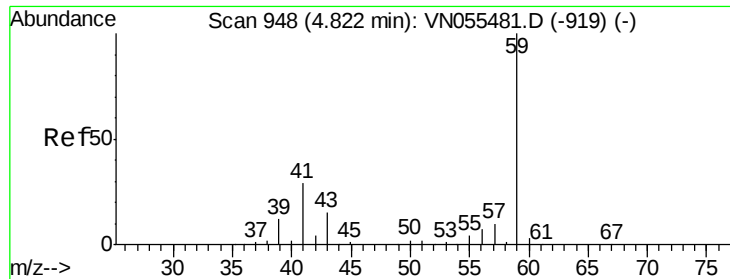


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

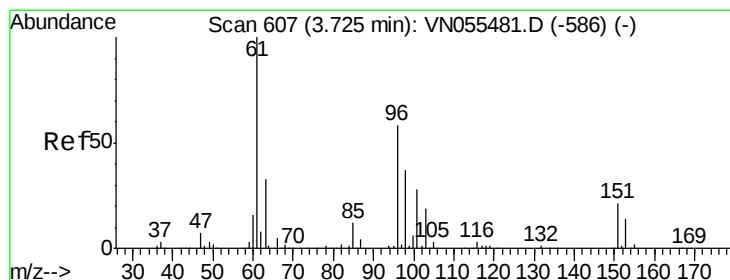
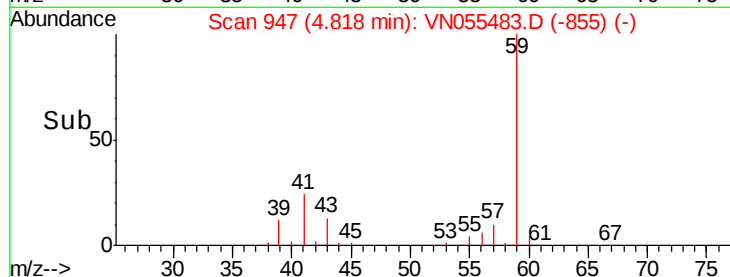
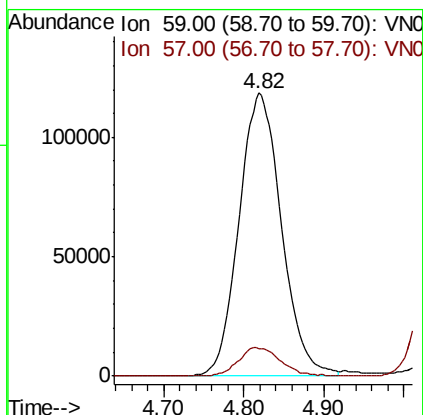
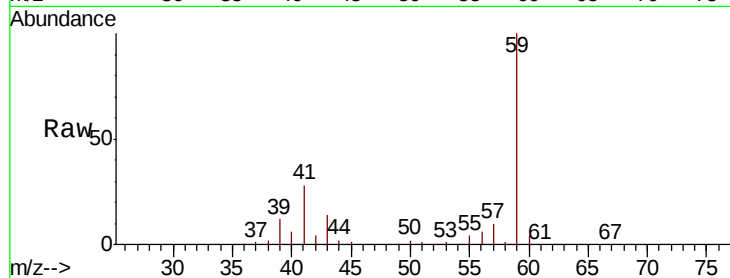




#11
Tert butyl alcohol
Concen: 270.517 ug/l
RT: 4.82 min Scan# 947
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

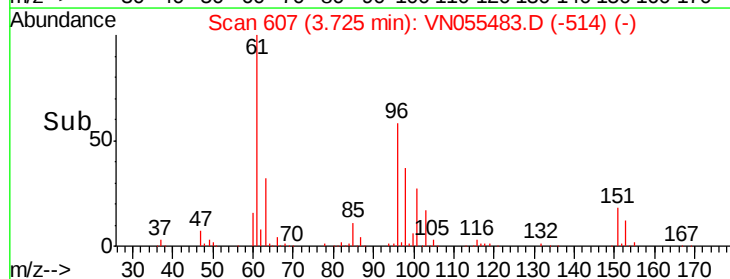
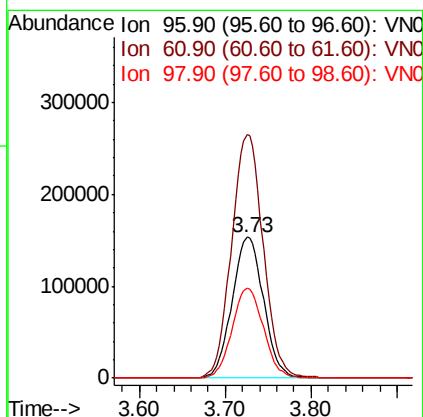
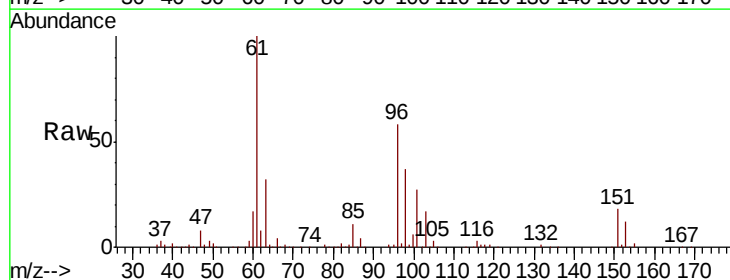
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

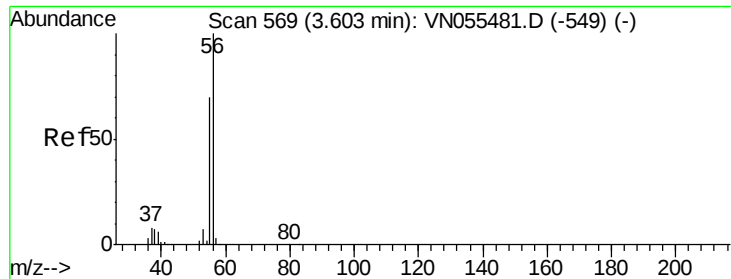
Tot Ion: 59 Resp: 428888
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0



#12
1,1-Dichloroethene
Concen: 50.055 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 96 Resp: 390149
Ion Ratio Lower Upper
96 100
61 173.0 138.7 208.1
98 64.2 50.6 76.0

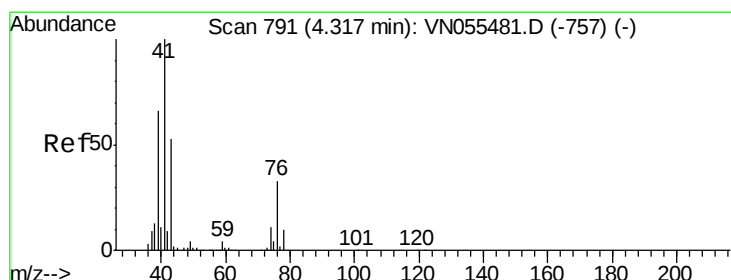
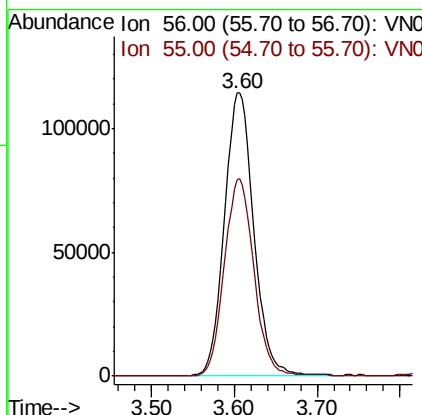
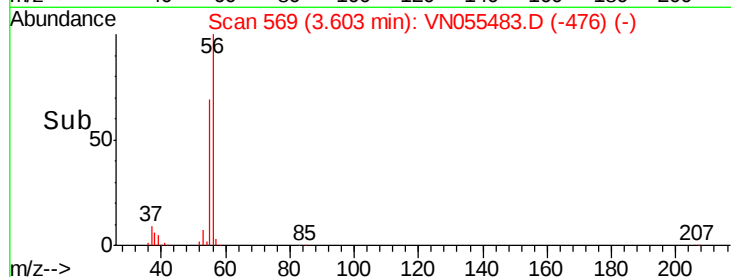
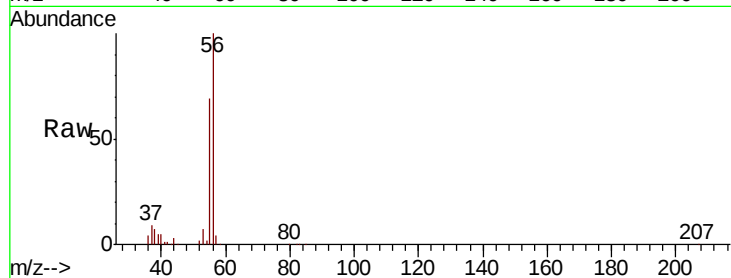




#13
Acrolein
Concen: 267.575 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

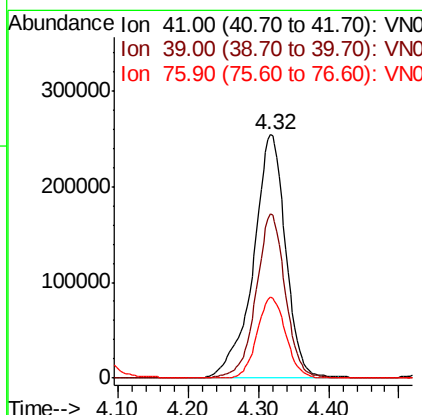
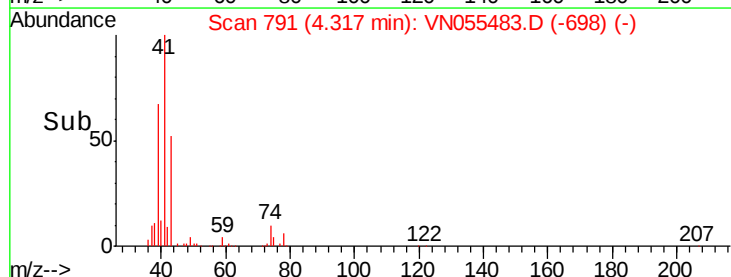
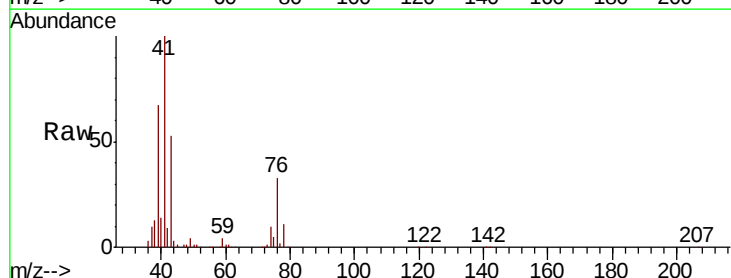
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

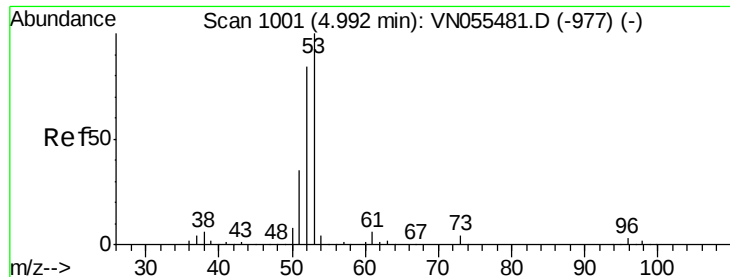
Tot Ion: 56 Resp: 282729
Ion Ratio Lower Upper
56 100
55 69.9 57.7 86.5



#14
Allyl chloride
Concen: 50.879 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 41 Resp: 812347
Ion Ratio Lower Upper
41 100
39 60.8 49.8 74.8
76 29.2 23.5 35.3





#15

Acrylonitrile

Concen: 261.804 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

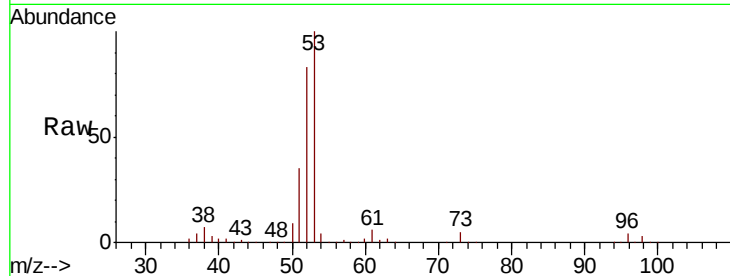
MSVOA_N

ClientSampleId :

ICVVN050819

Tot Ion: 53 Resp: 1285265

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	35.9	28.3	42.5

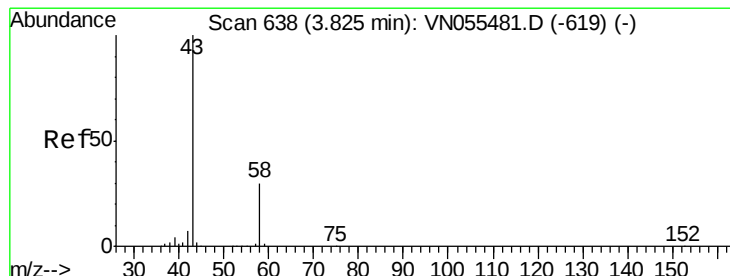
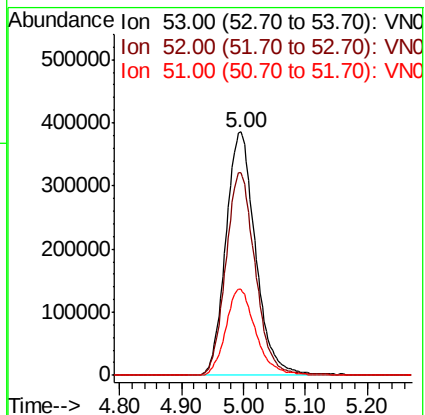
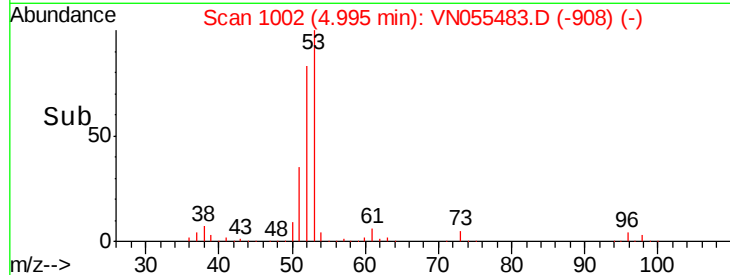


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 222.052 ug/l

RT: 3.82 min Scan# 638

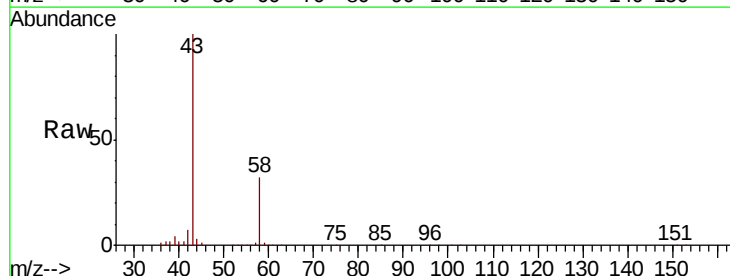
Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Tgt Ion: 43 Resp: 1104020

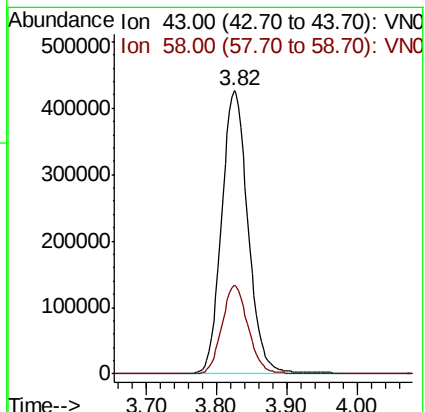
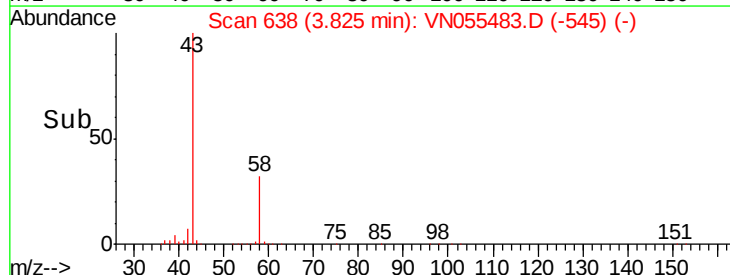
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.2	36.2

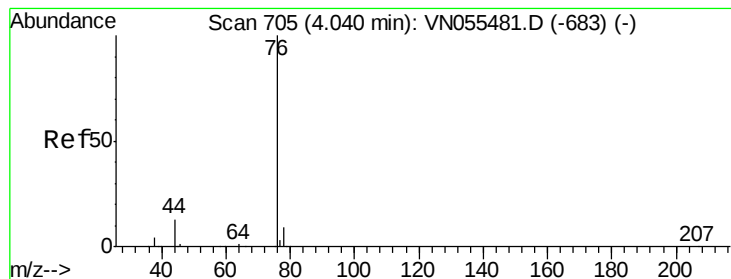


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 51.536 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

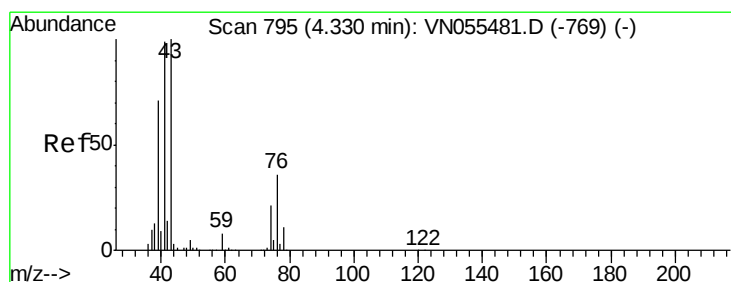
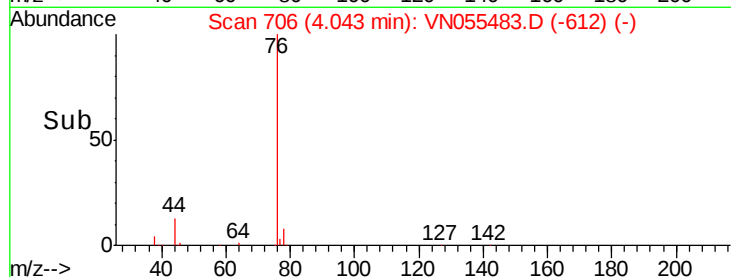
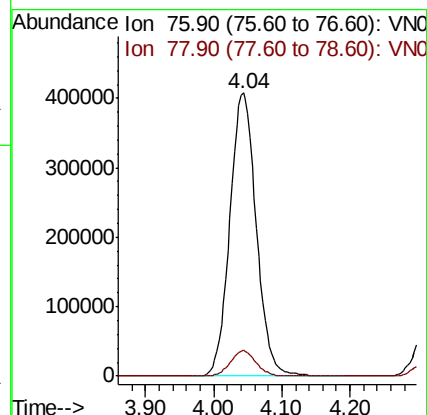
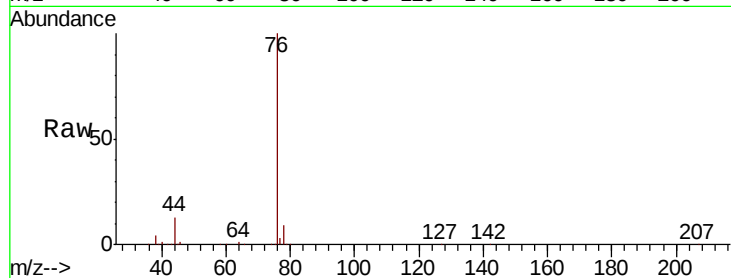
ICVVN050819

Tot Ion: 76 Resp: 1096327

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 51.603 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055483.D

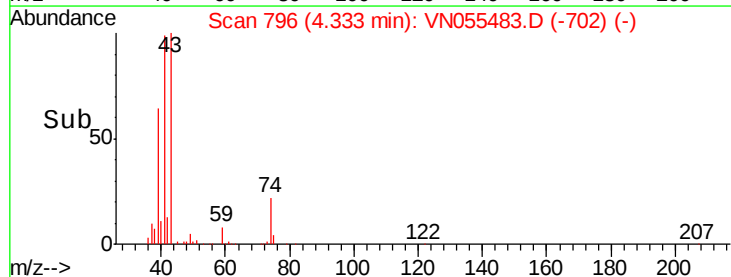
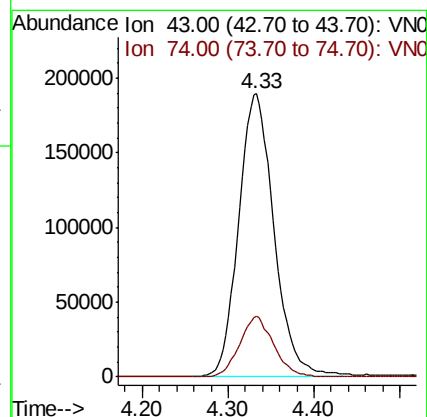
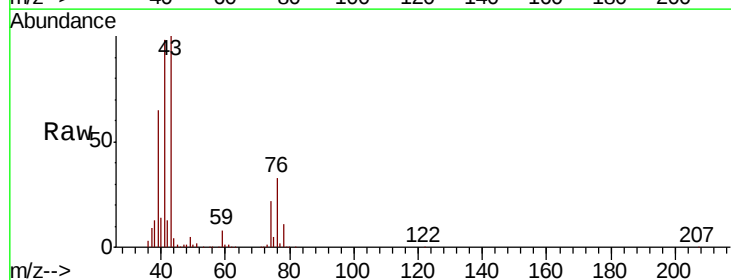
Acq: 8 May 2019 19:30

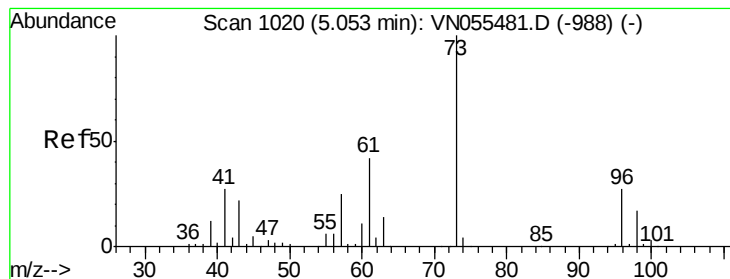
Tgt Ion: 43 Resp: 538031

Ion Ratio Lower Upper

43 100

74 20.7 16.3 24.5



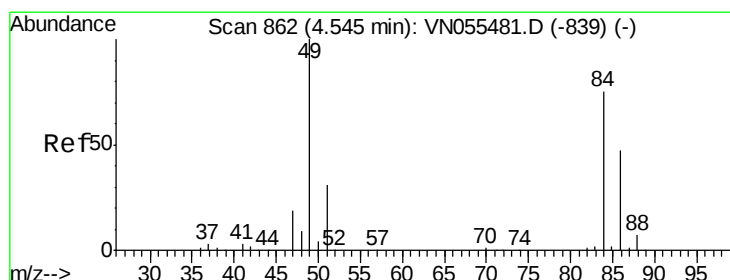
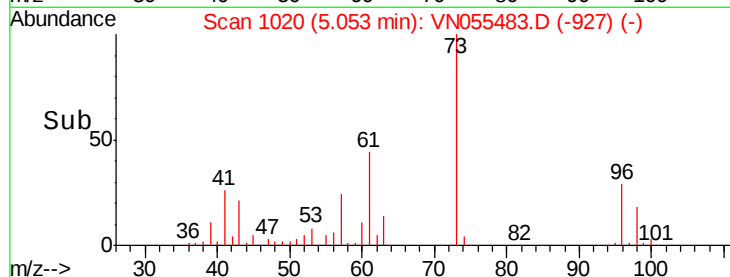
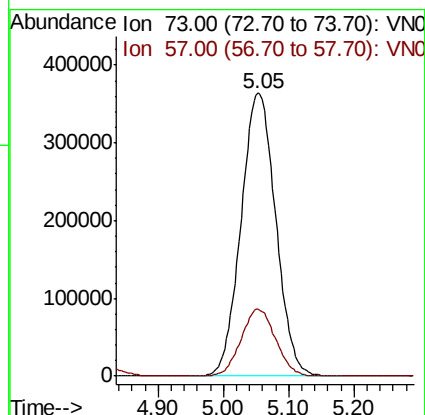
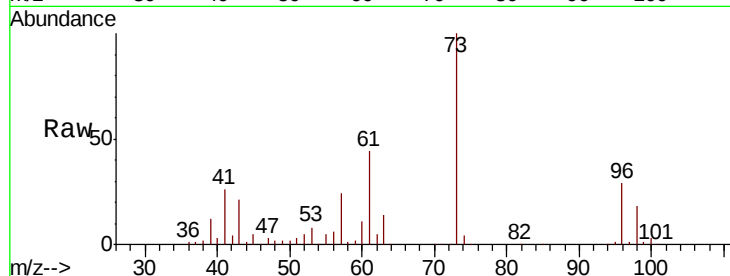


#19

Methyl tert-butyl Ether
 Concen: 51.943 ug/l
 RT: 5.05 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

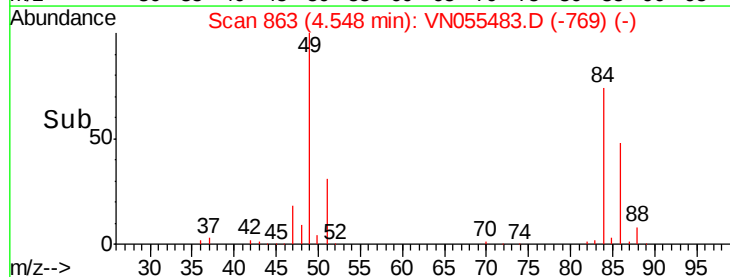
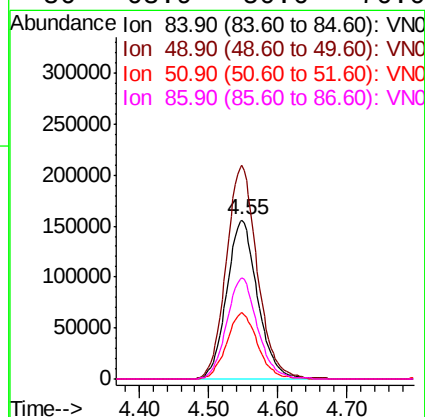
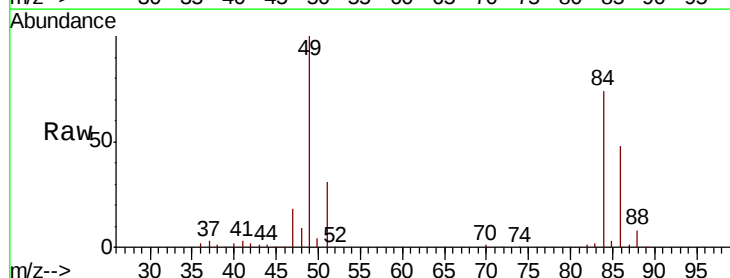
Tot Ion: 73 Resp: 1345292
 Ion Ratio Lower Upper
 73 100
 57 23.6 20.0 30.0

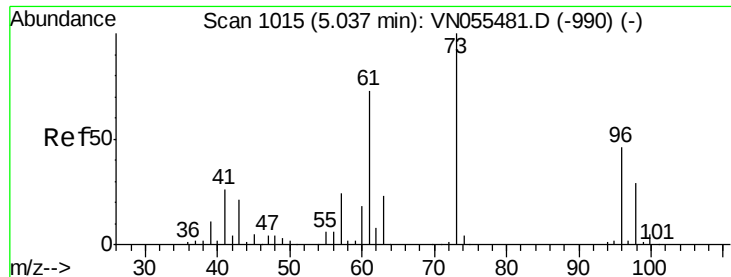


#20

Methylene Chloride
 Concen: 47.589 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 84 Resp: 483823
 Ion Ratio Lower Upper
 84 100
 49 134.3 107.0 160.6
 51 41.5 33.0 49.4
 86 63.9 50.6 76.0

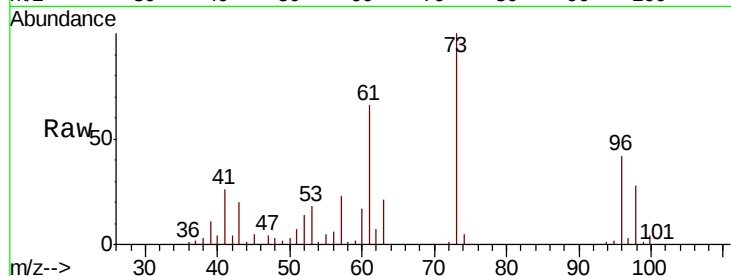




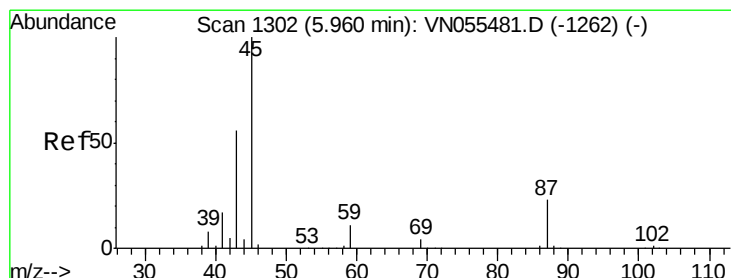
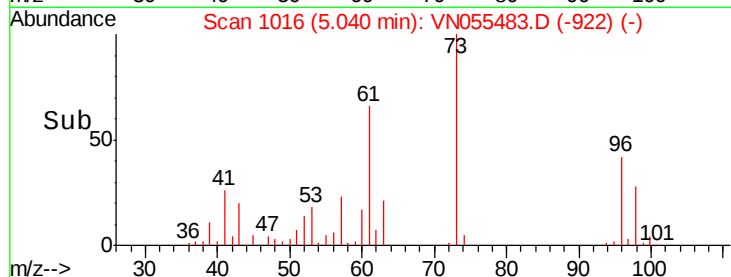
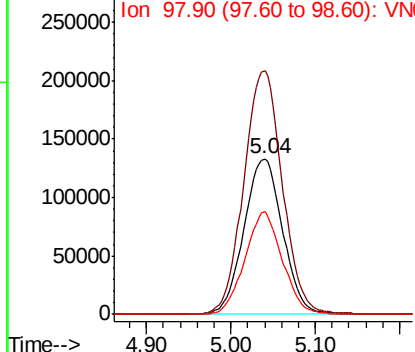
#21
trans-1,2-Dichloroethene
Concen: 50.188 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Instrument :
MSVOA_N
ClientSampled :
ICVVN050819

Tot Ion: 96 Resp: 424119
Ion Ratio Lower Upper
96 100
61 156.7 127.4 191.0
98 65.9 51.6 77.4

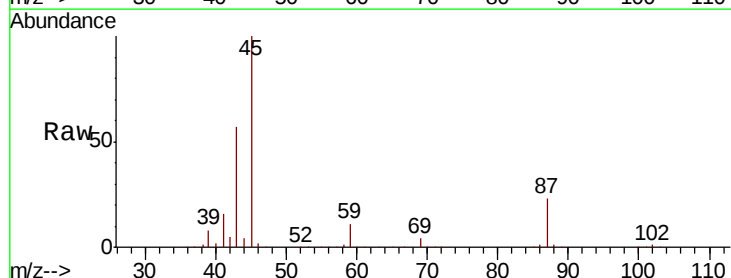


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

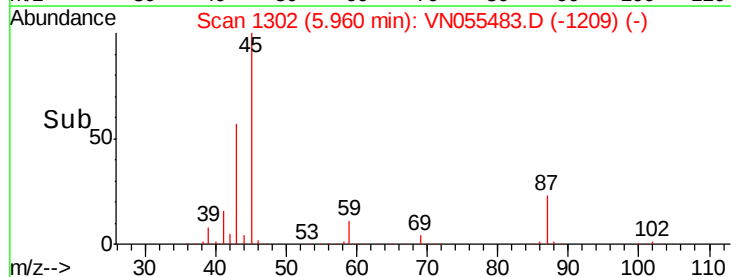
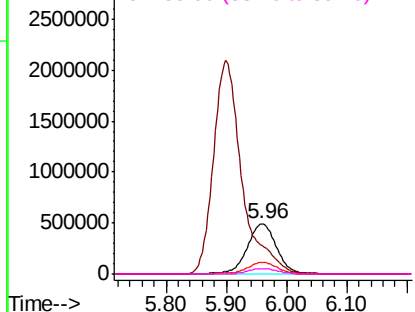


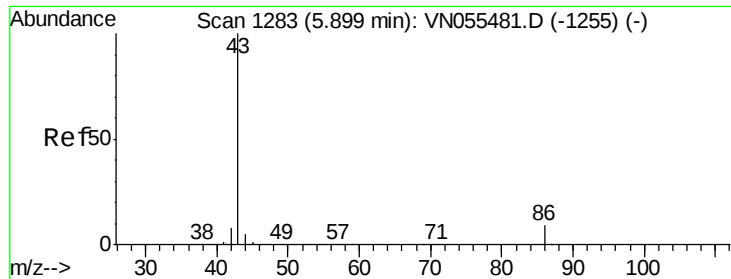
#22
Diisopropyl ether
Concen: 51.777 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 45 Resp: 1679944
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 23.2 18.6 28.0
59 11.0 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

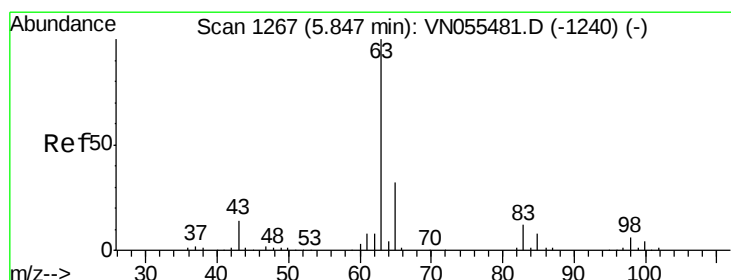
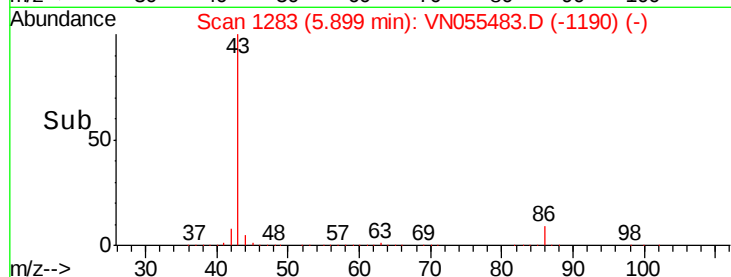
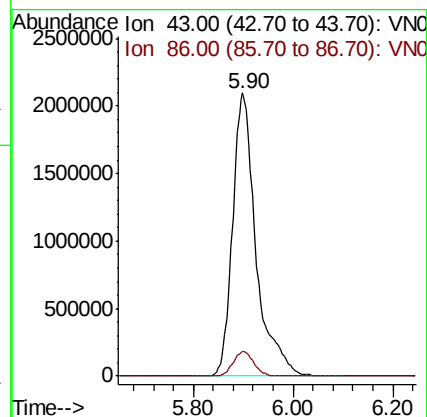
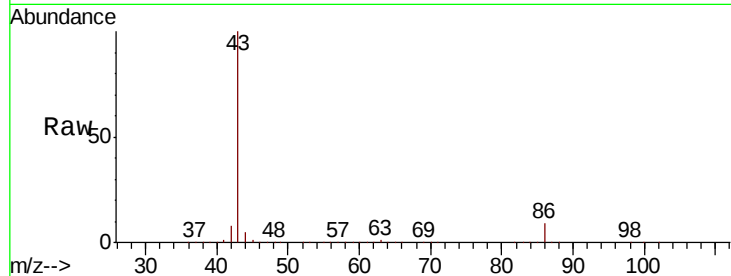




#23
 Vinyl Acetate
 Concen: 273.052 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

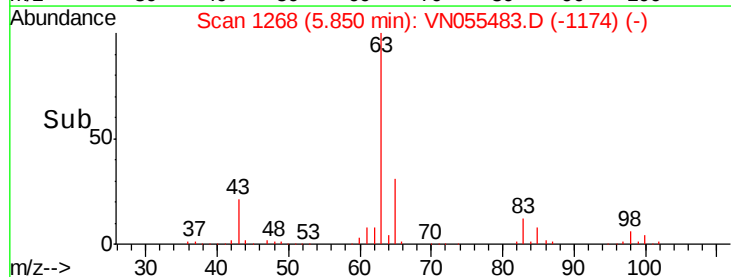
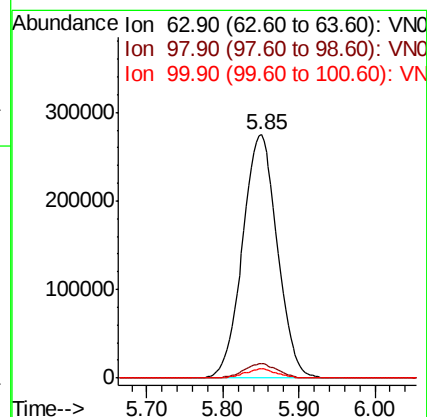
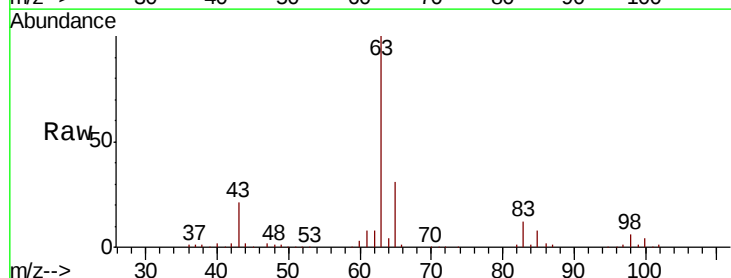
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

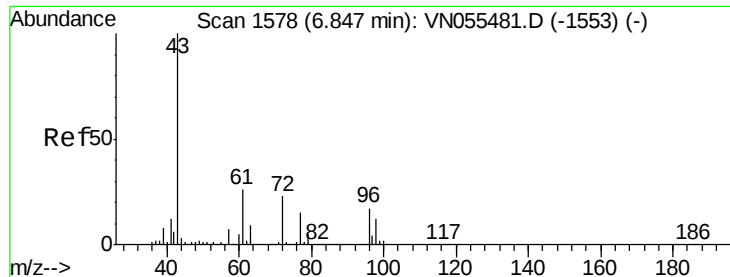
Tot Ion: 43 Resp: 6851439
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 49.812 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 63 Resp: 872438
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.0
 100 3.7 1.9 5.7

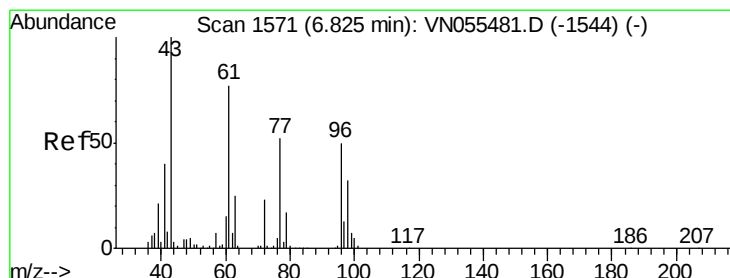
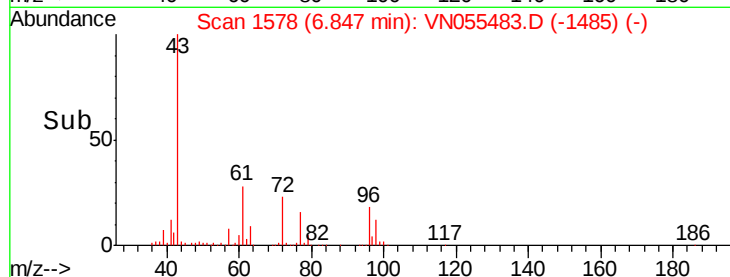
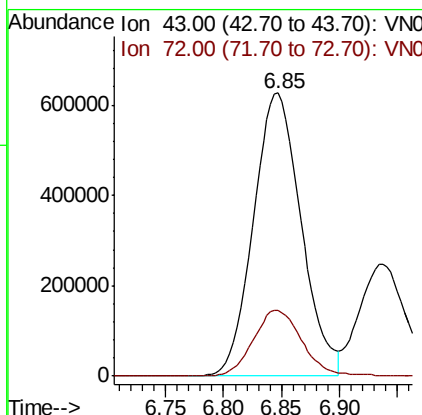
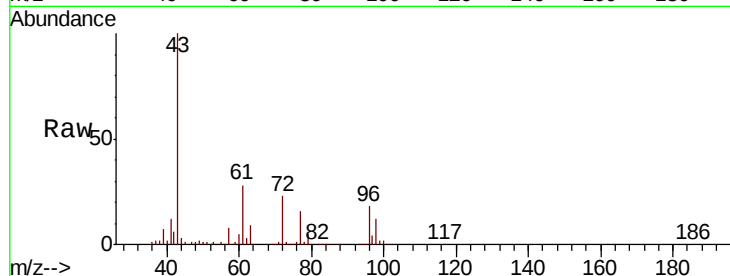




#25
2-Butanone
Concen: 260.100 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

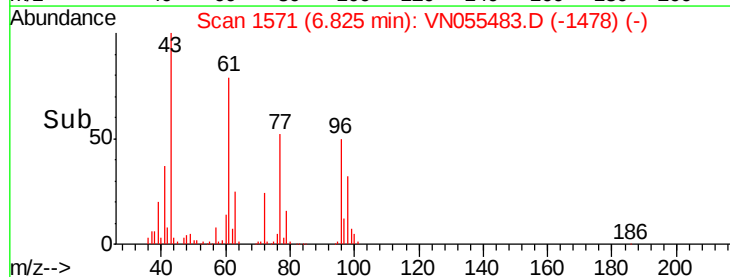
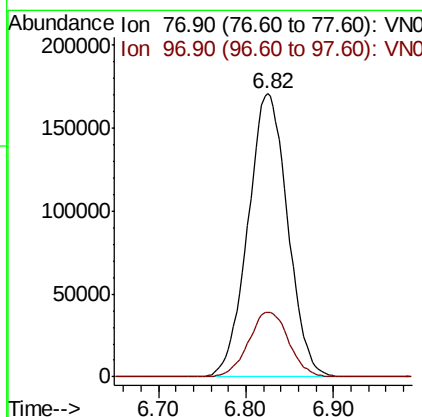
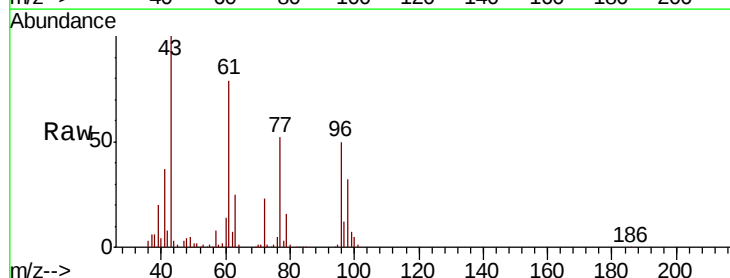
Instrument :
MSVOA_N
ClientSampleId :
ICVFN050819

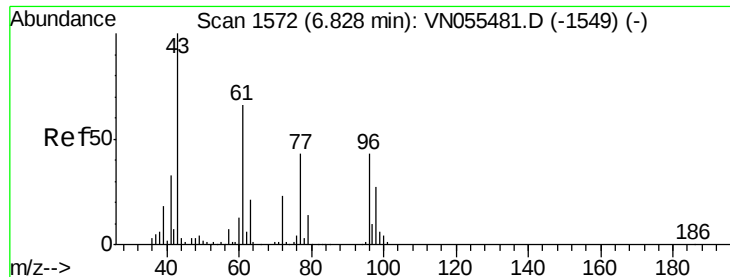
Tot Ion: 43 Resp: 1786381
Ion Ratio Lower Upper
43 100
72 23.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 49.205 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 77 Resp: 537240
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5

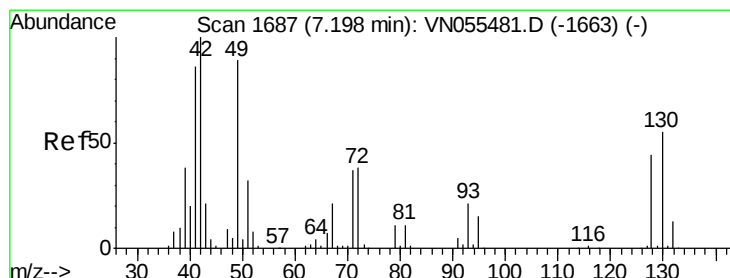
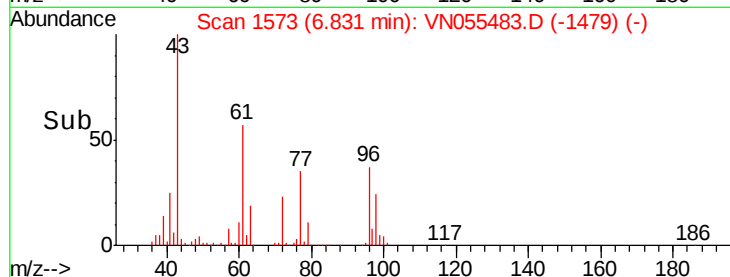
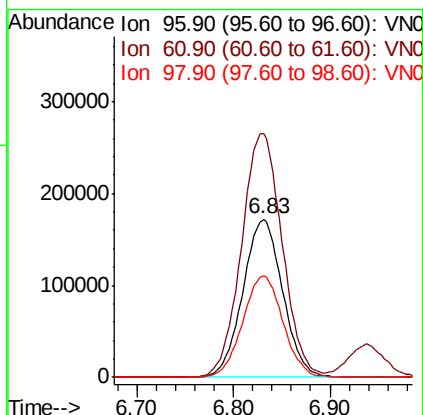
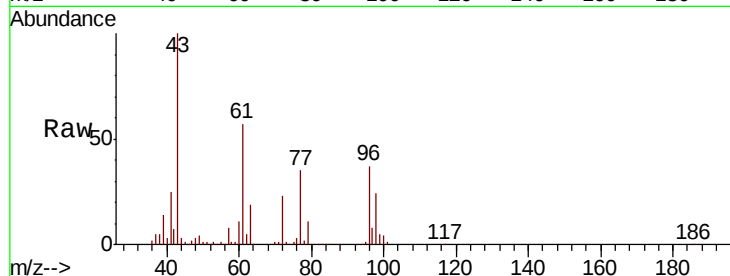




#27
 cis-1,2-Dichloroethene
 Concen: 50.236 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

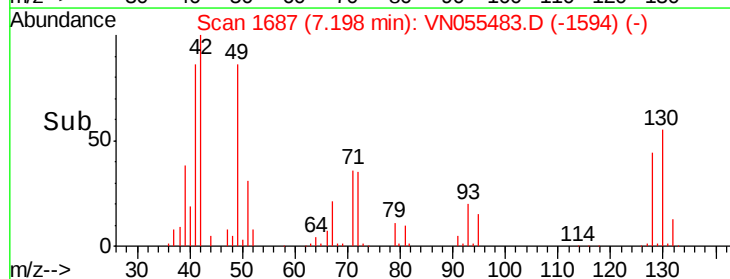
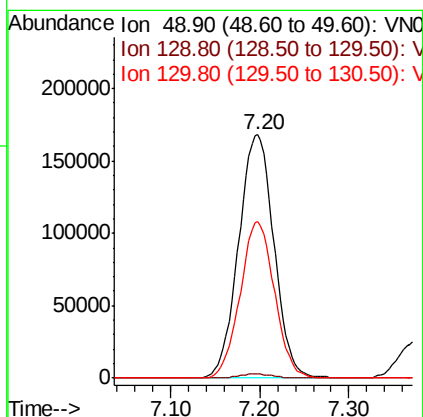
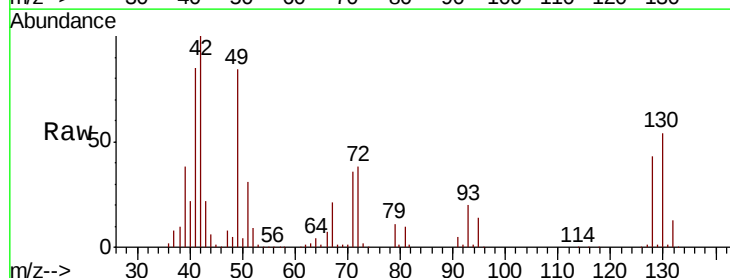
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

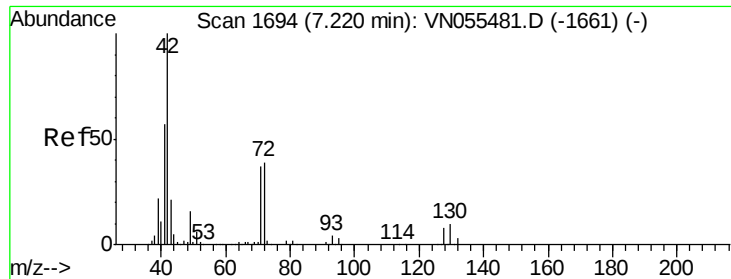
Tot Ion: 96 Resp: 490634
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 310.8
 98 65.2 0.0 129.4



#28
 Bromochloromethane
 Concen: 50.758 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 49 Resp: 461679
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 62.5 49.5 74.3

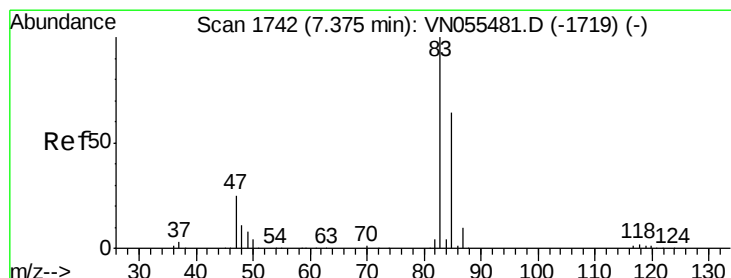
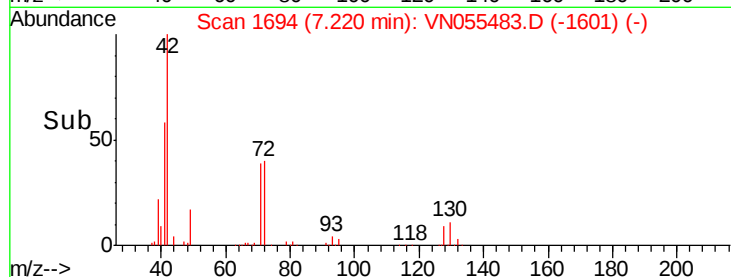
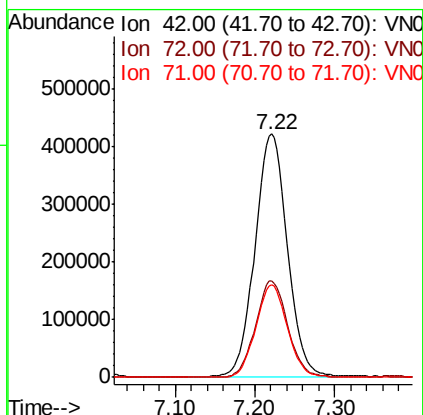
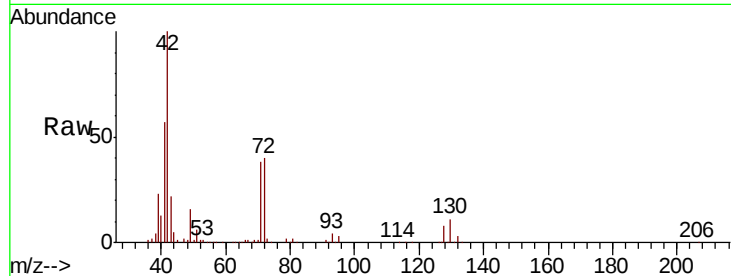




#29
Tetrahydrofuran
Concen: 259.616 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

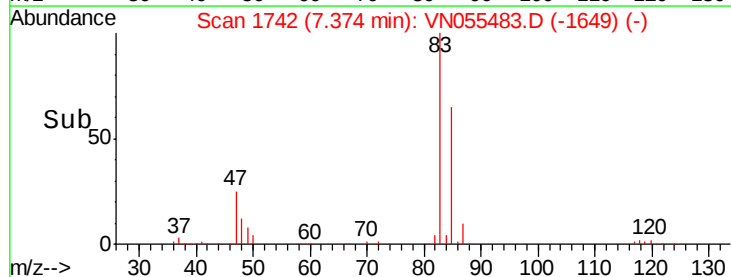
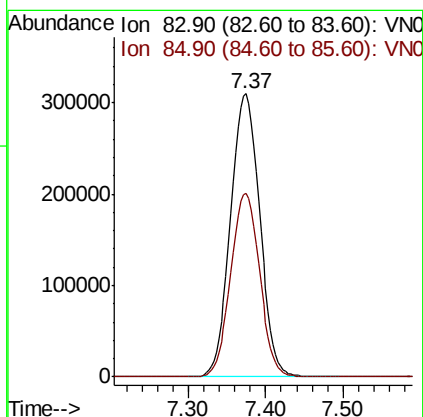
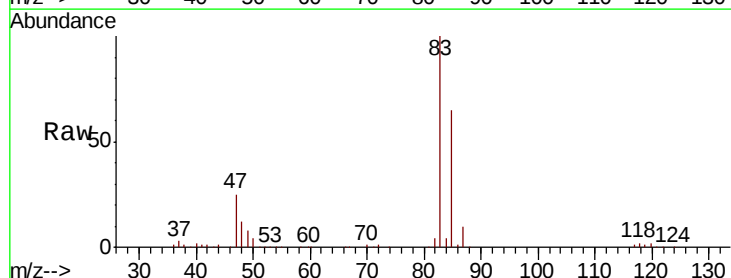
Instrument :
MSVOA_N
ClientSampled :
ICVVN050819

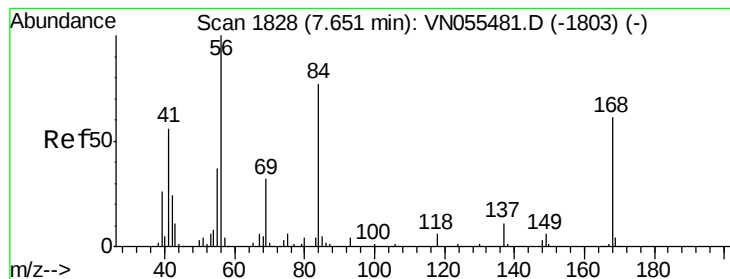
Tot Ion: 42 Resp: 1178751
Ion Ratio Lower Upper
42 100
72 39.0 31.0 46.6
71 37.1 29.4 44.2



#30
Chloroform
Concen: 50.114 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 83 Resp: 811426
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9





#31

Cyclohexane

Concen: 47.867 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampled :

ICVVN050819

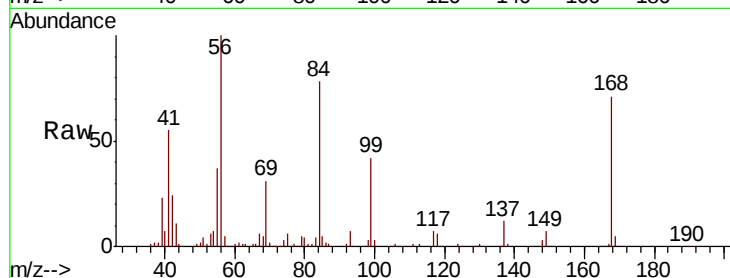
Tot Ion: 56 Resp: 829511

Ion Ratio Lower Upper

56 100

69 30.7 26.0 39.0

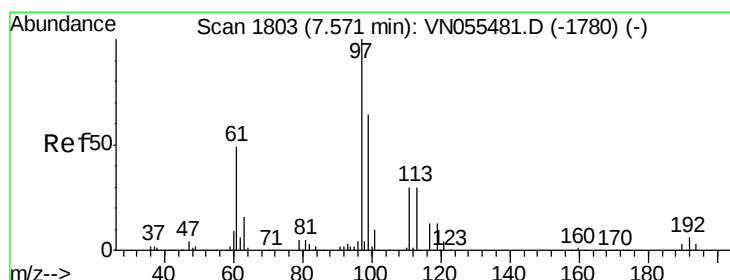
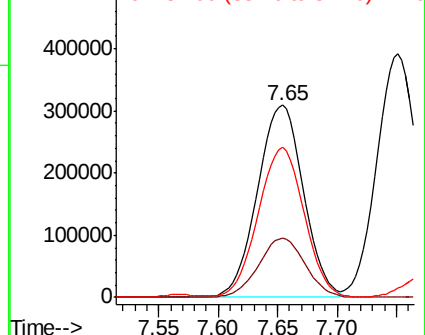
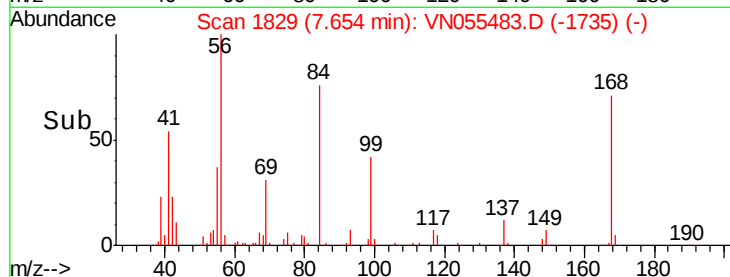
84 77.2 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.046 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

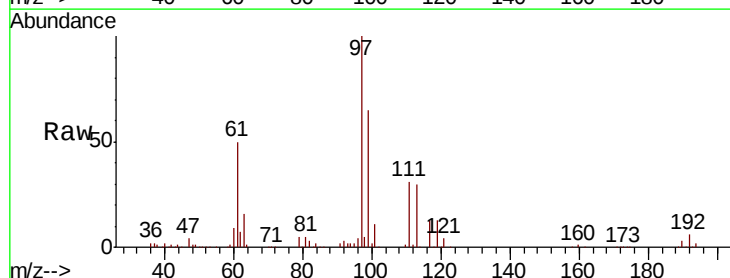
Tgt Ion: 97 Resp: 629398

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

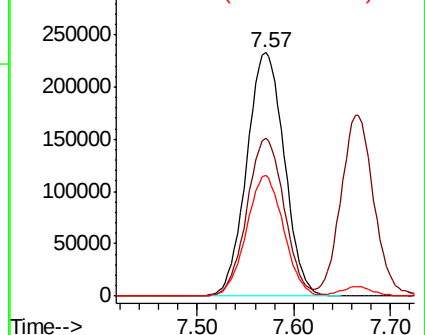
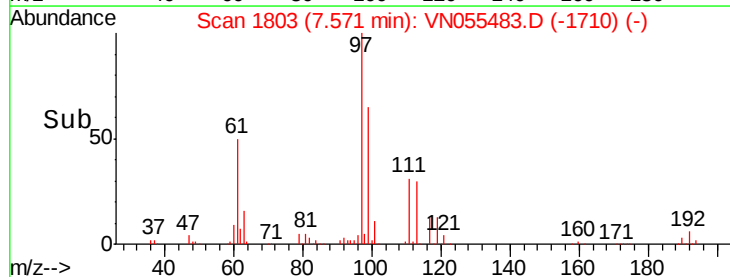
61 48.8 39.2 58.8

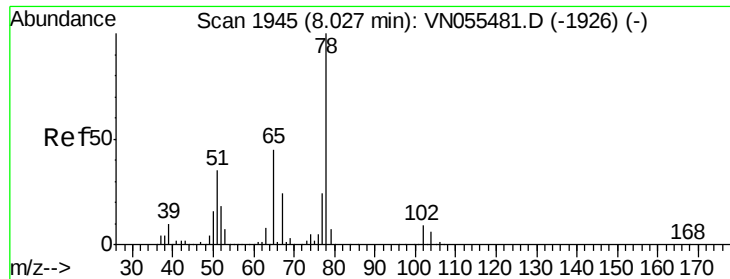


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

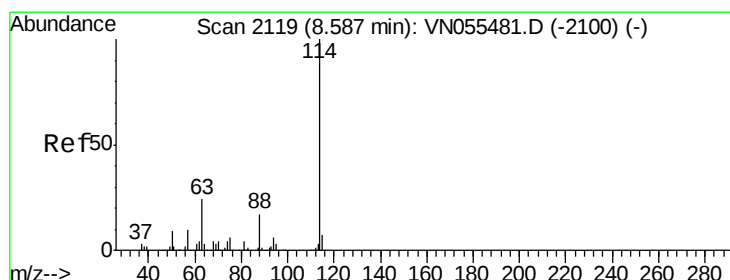
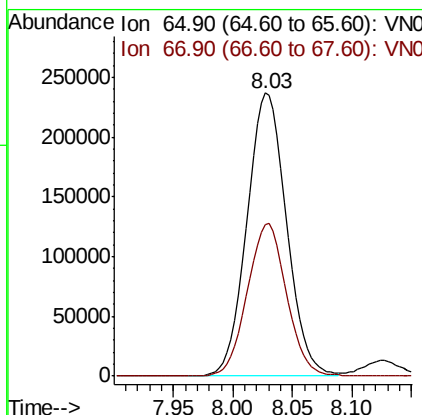
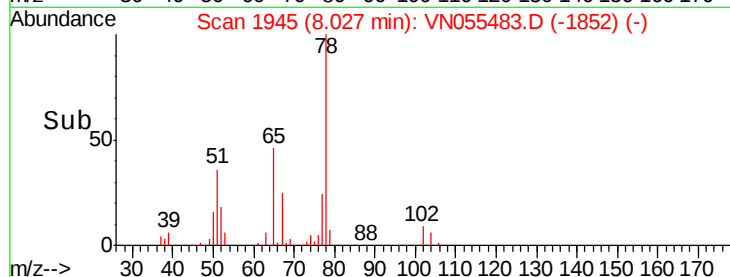
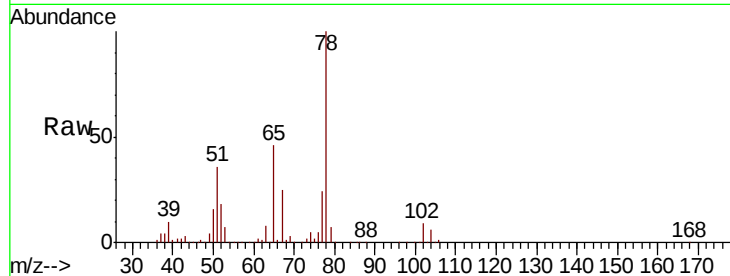




#33
 1,2-Dichloroethane-d4
 Concen: 50.802 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

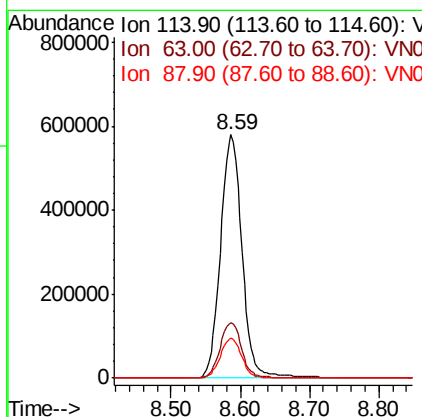
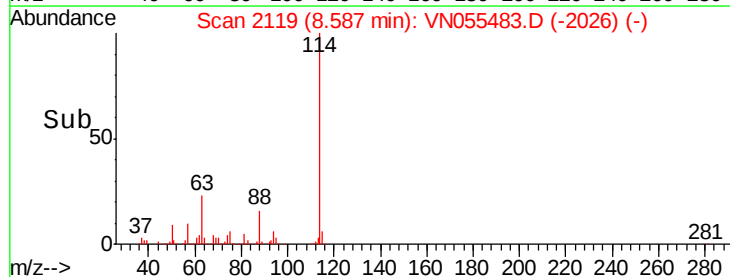
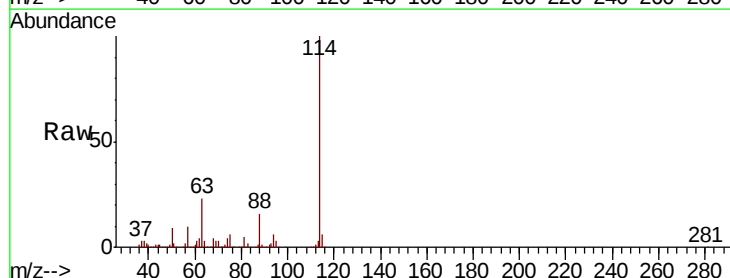
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

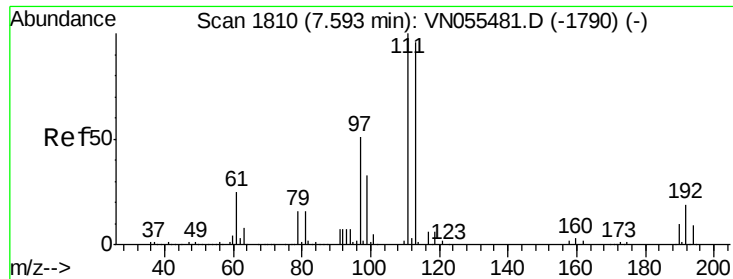
Tot Ion: 65 Resp: 545495
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 114 Resp: 1258297
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.3 0.0 34.0

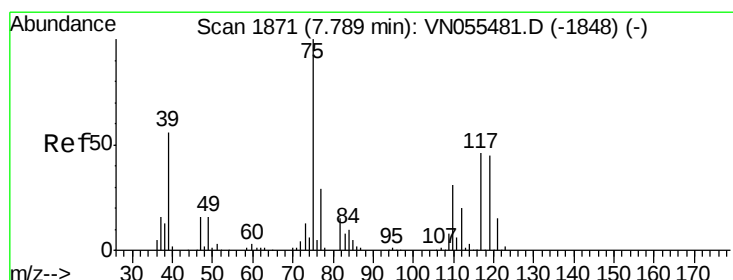
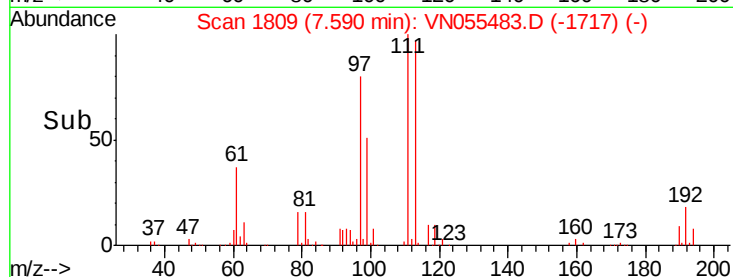
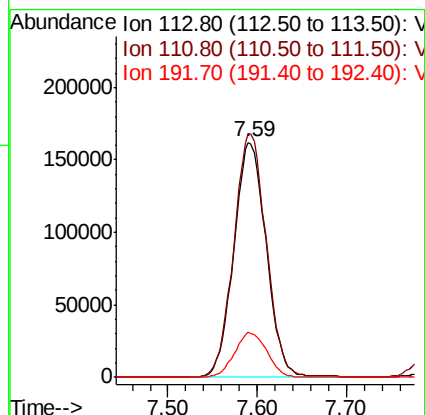
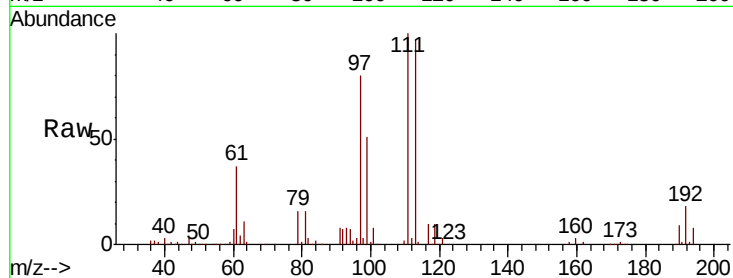




#35
 Dibromofluoromethane
 Concen: 50.407 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

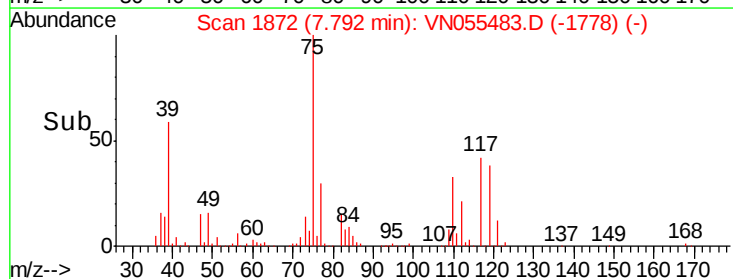
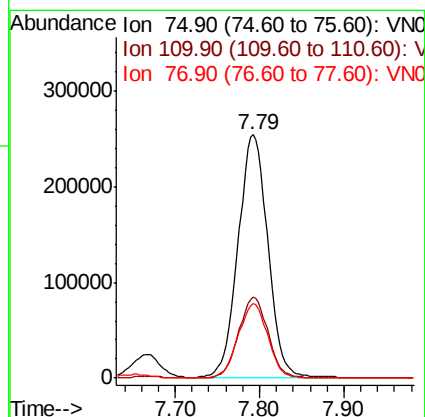
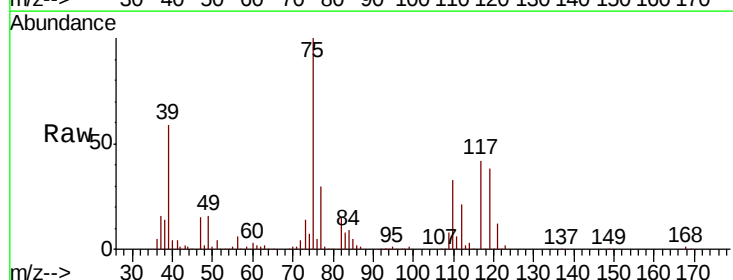
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

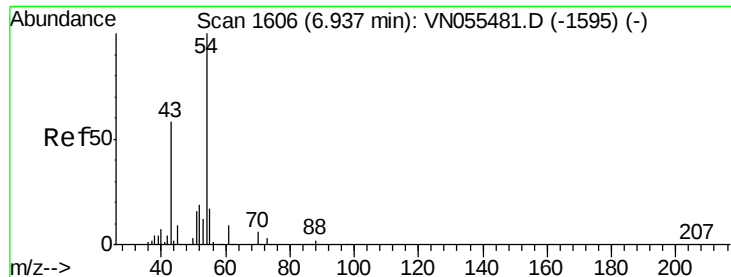
Tot Ion:113 Resp: 409155
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 19.1 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 50.395 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion: 75 Resp: 624722
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.1 48.3
 77 30.6 24.6 37.0

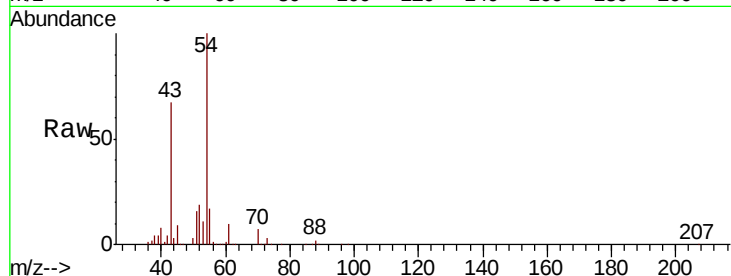




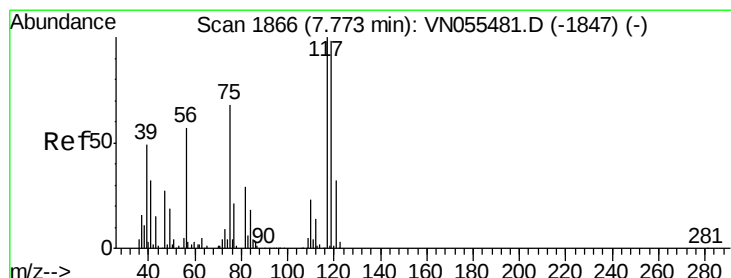
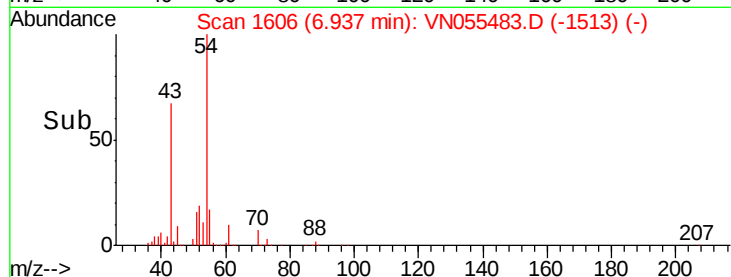
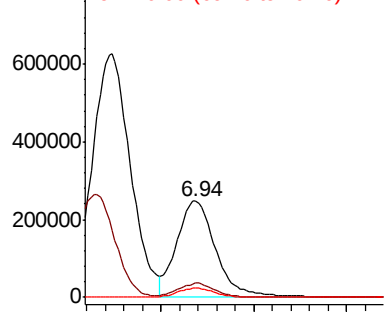
#37
Ethyl Acetate
Concen: 52.404 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

Tot Ion: 43 Resp: 708629
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.3 7.0 10.6

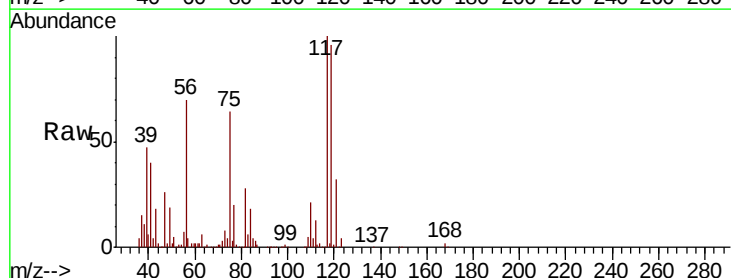


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

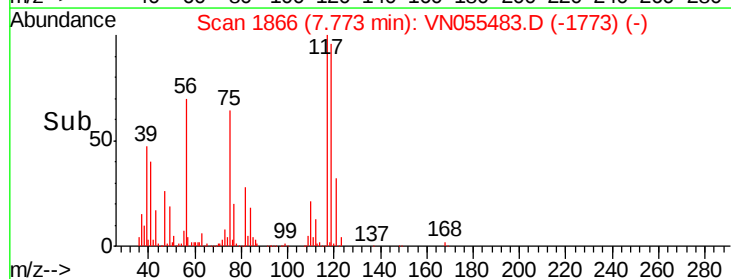
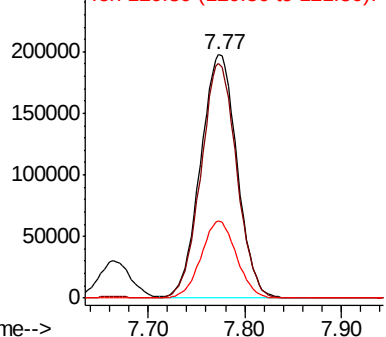


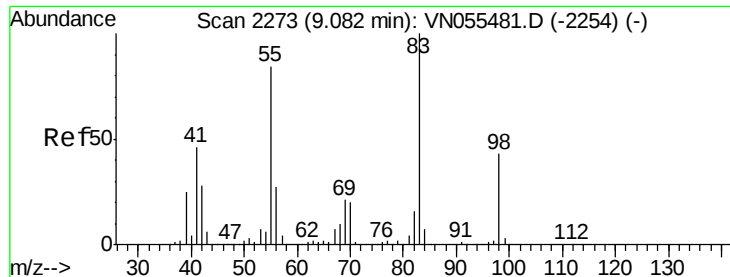
#38
Carbon Tetrachloride
Concen: 49.523 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 117 Resp: 516932
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
121 31.7 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

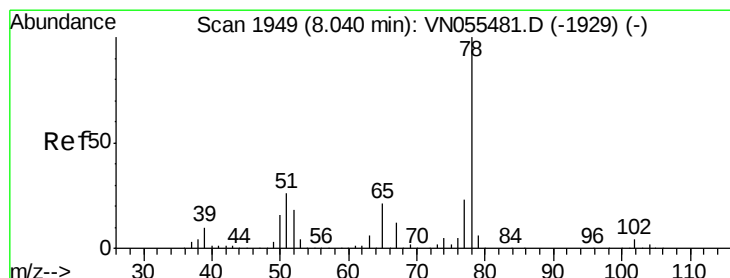
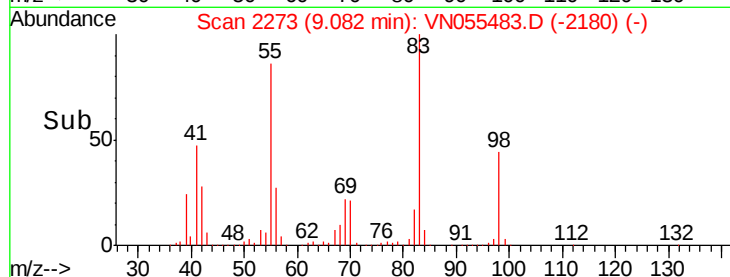
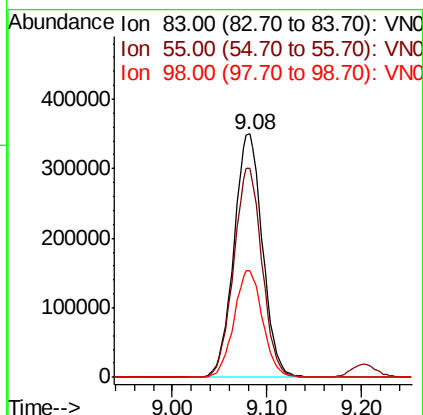
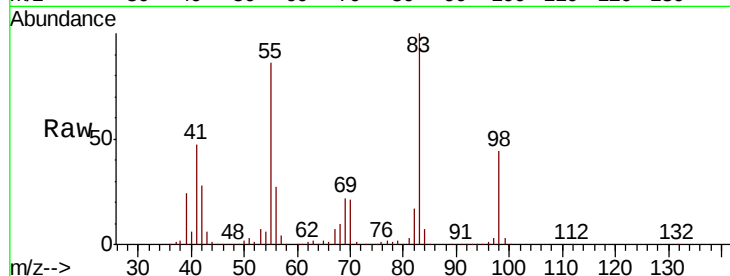




#39
Methvlcvclohexane
Concen: 48.567 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

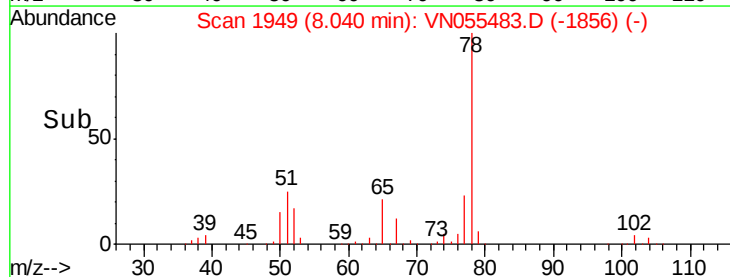
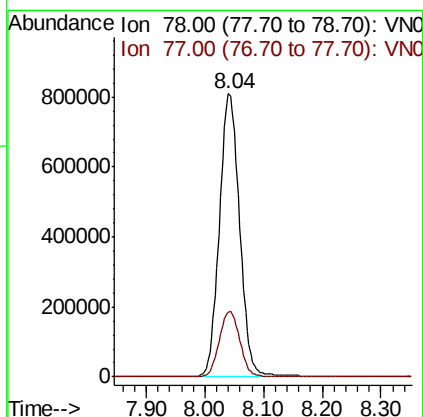
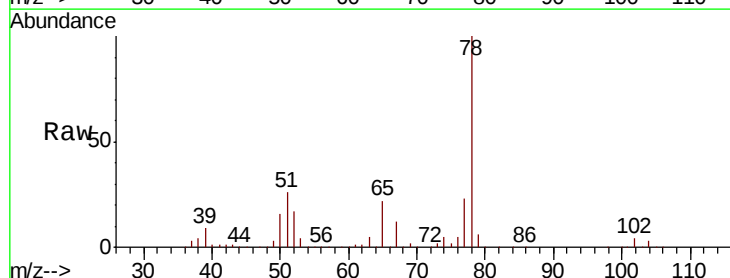
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

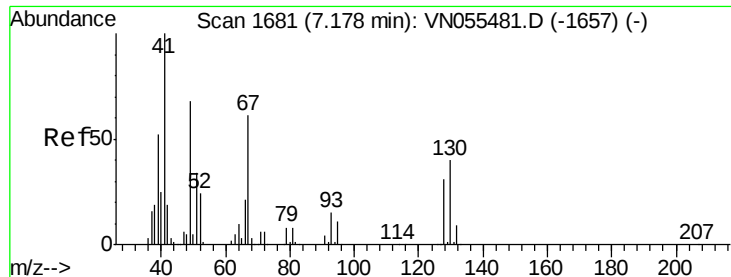
Tot Ion: 83 Resp: 734062
Ion Ratio Lower Upper
83 100
55 85.7 67.0 100.4
98 43.7 34.2 51.4



#40
Benzene
Concen: 50.190 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 78 Resp: 1930970
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

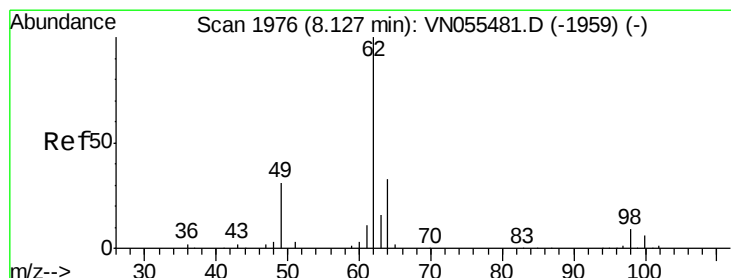
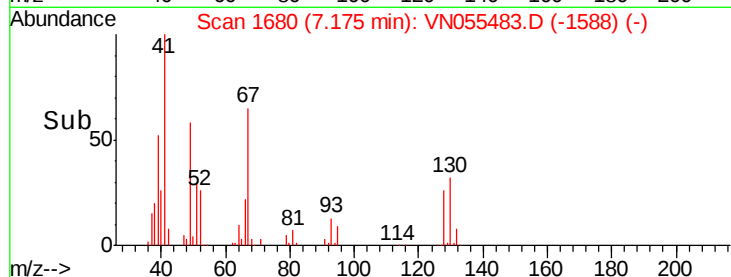
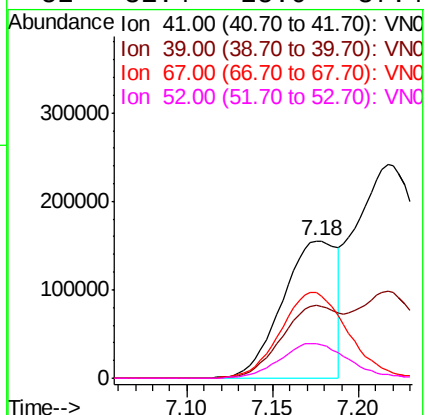
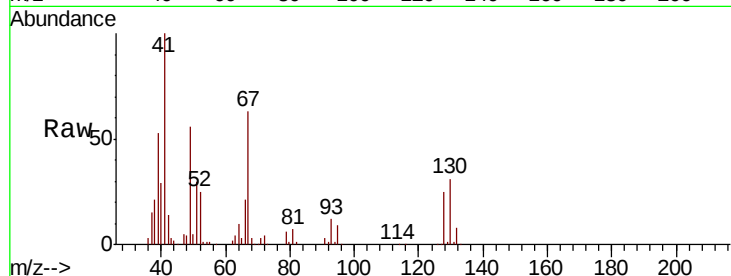




#41
Methacrylonitrile
Concen: 54.506 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

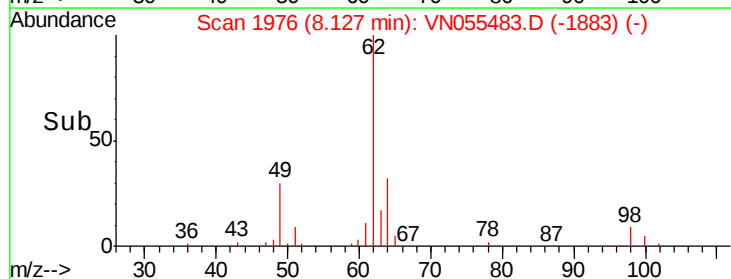
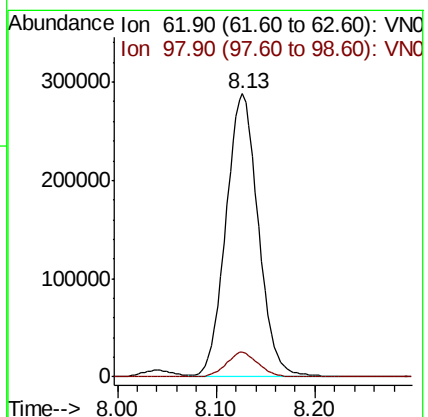
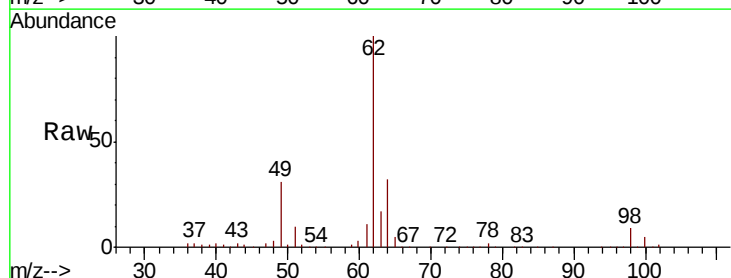
Instrument :
MSVOA_N
ClientSampled :
ICVVN050819

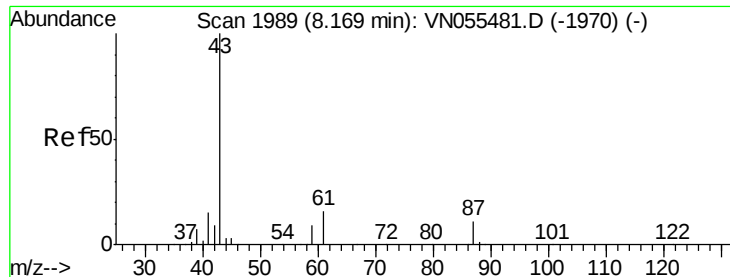
Tot Ion:	41	Resp:	342095
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.7	67.1
67	78.4	61.4	92.0
52	31.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 48.622 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion:	62	Resp:	657215
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 53.272 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

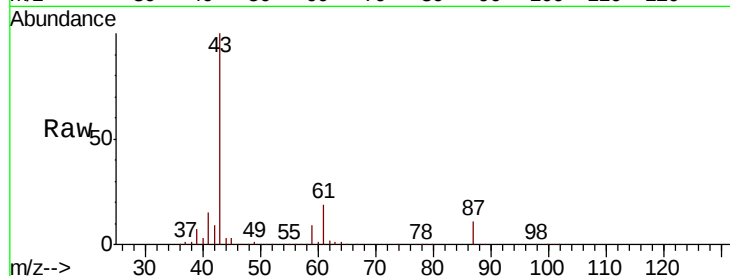
MSVOA_N

ClientSampleId :

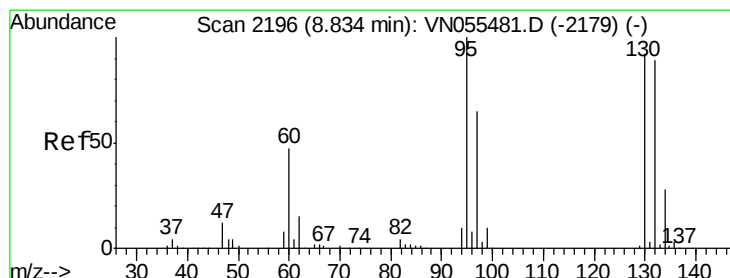
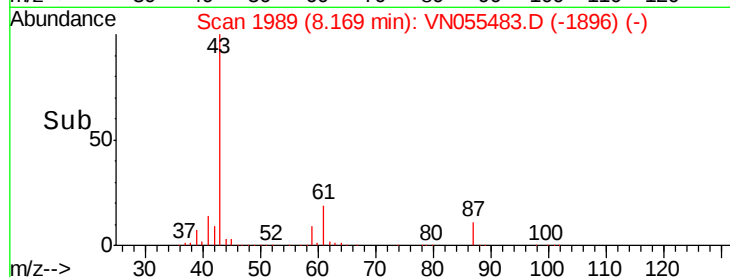
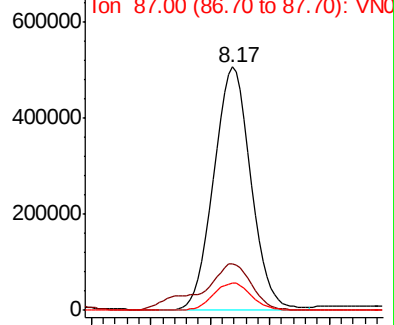
ICVVN050819

Tot Ion: 43 Resp: 1094408

Ion	Ratio	Lower	Upper
43	100		
61	25.7	15.1	22.7#
87	11.5	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055483.D (-1970) (-)



#44

Trichloroethene

Concen: 49.382 ug/l

RT: 8.84 min Scan# 2197

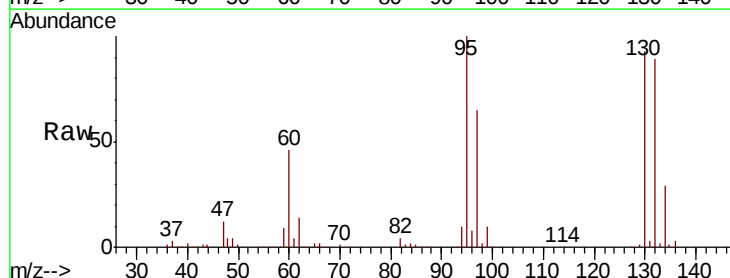
Delta R.T. 0.00 min

Lab File: VN055483.D

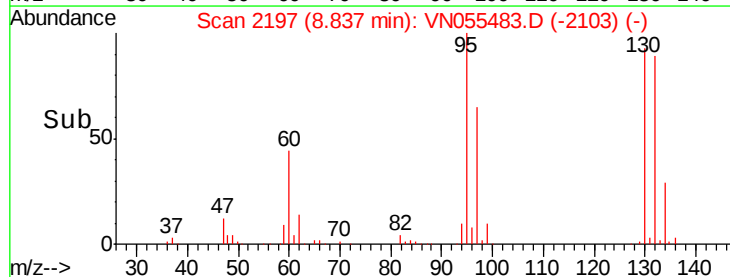
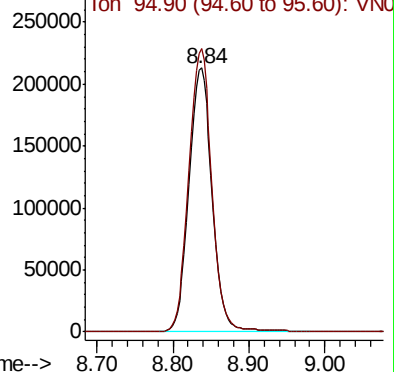
Acq: 8 May 2019 19:30

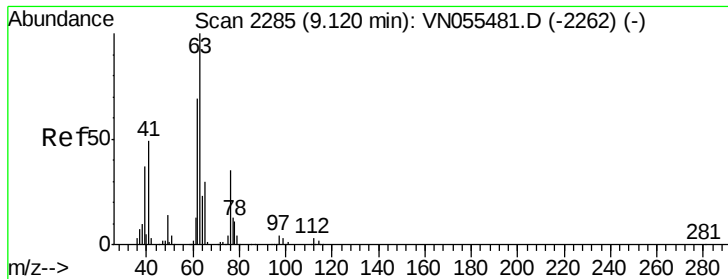
Tgt Ion: 130 Resp: 452055

Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055483.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 49.213 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

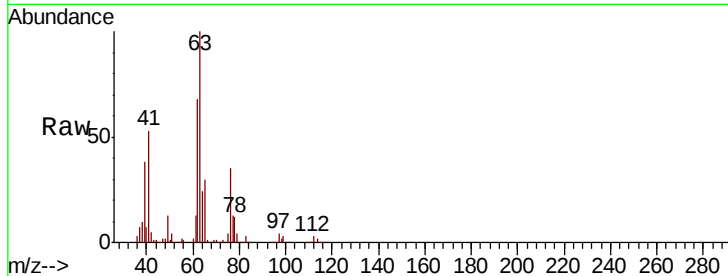
ICVVN050819

Tot Ion: 63 Resp: 541746

Ion Ratio Lower Upper

63 100

65 29.6 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

250000

200000

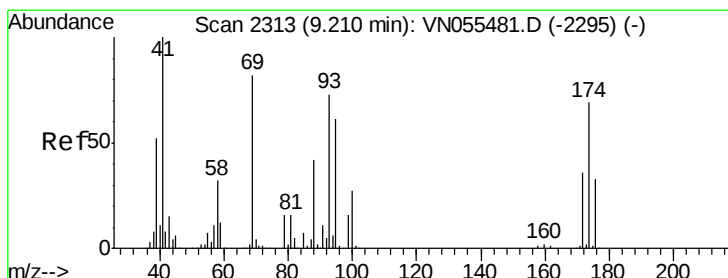
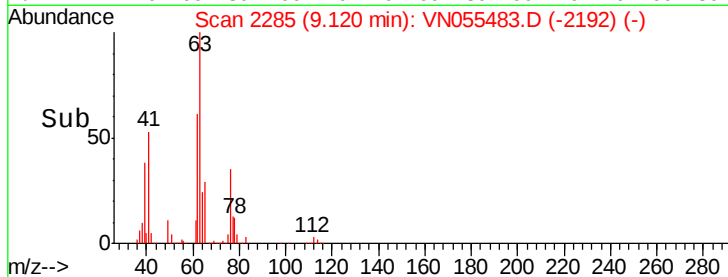
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.818 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

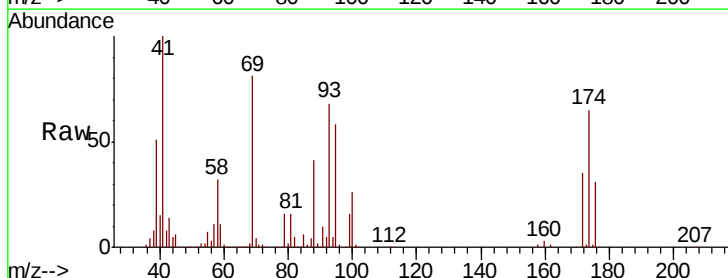
Tgt Ion: 93 Resp: 311490

Ion Ratio Lower Upper

93 100

95 83.9 64.8 97.2

174 95.1 75.0 112.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

200000

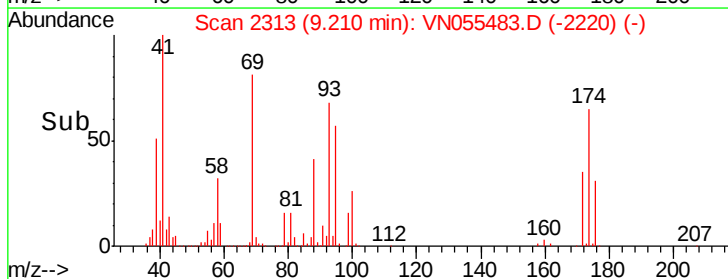
150000

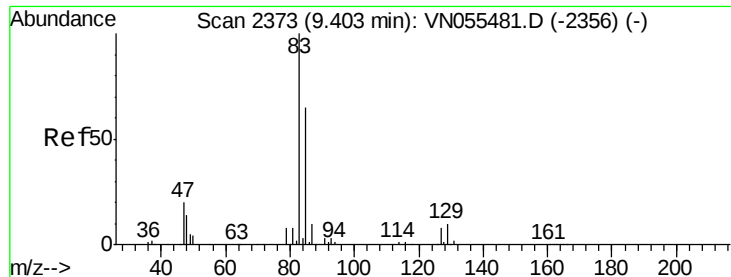
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.120 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

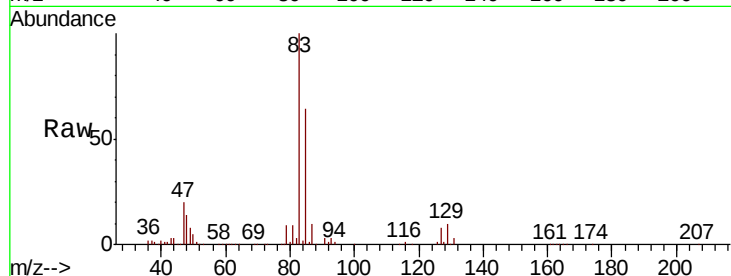
Tot Ion: 83 Resp: 624005

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

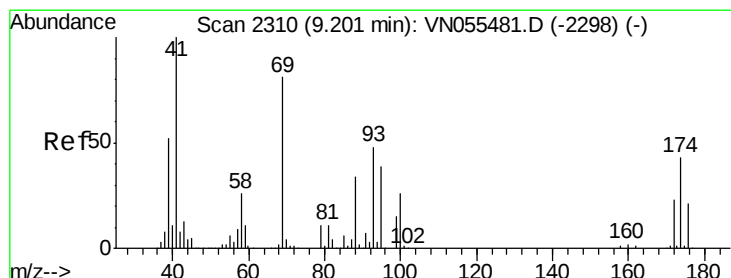
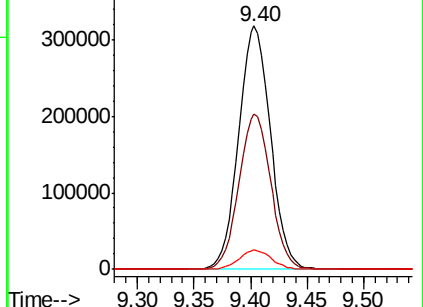
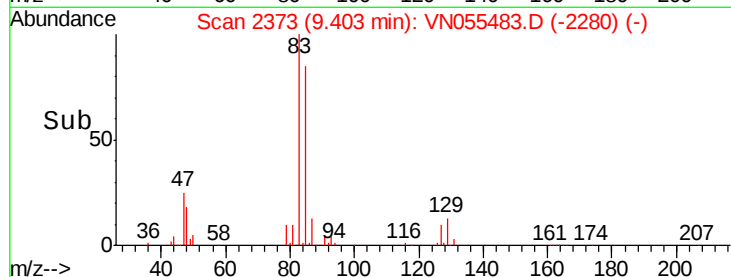
127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 54.028 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

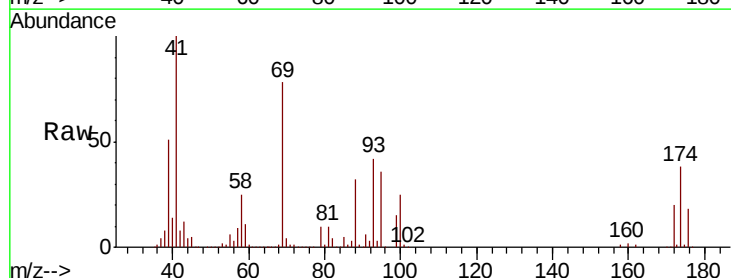
Tgt Ion: 41 Resp: 534777

Ion Ratio Lower Upper

41 100

69 80.5 64.2 96.2

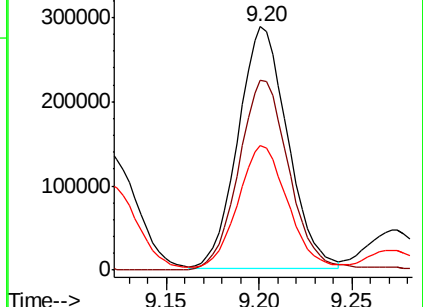
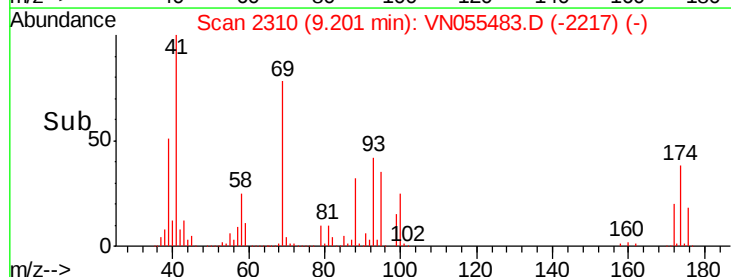
39 51.7 41.6 62.4

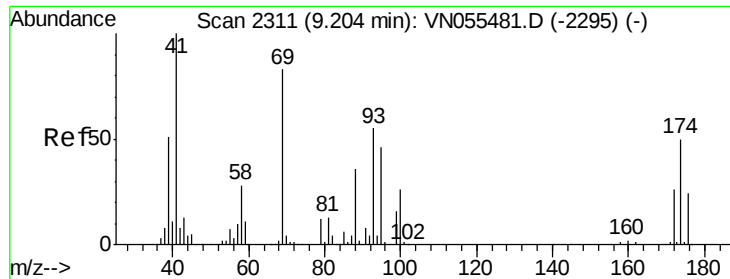


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

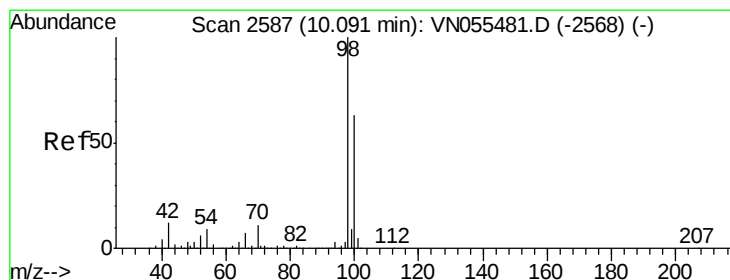
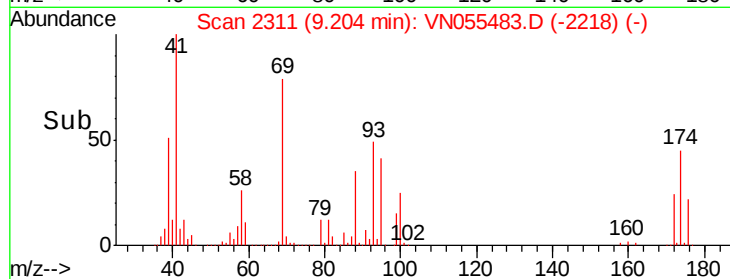
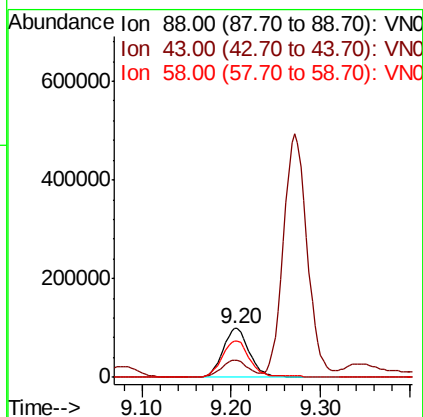
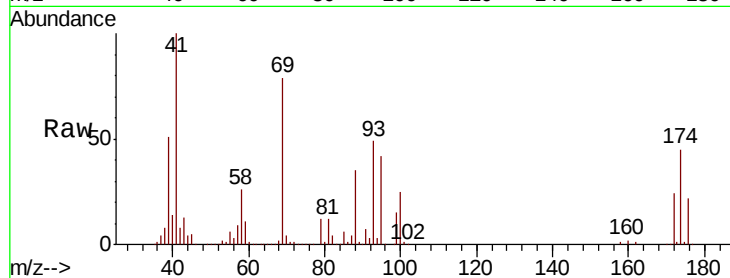




#49
1,4-Dioxane
Concen: 1067.897 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

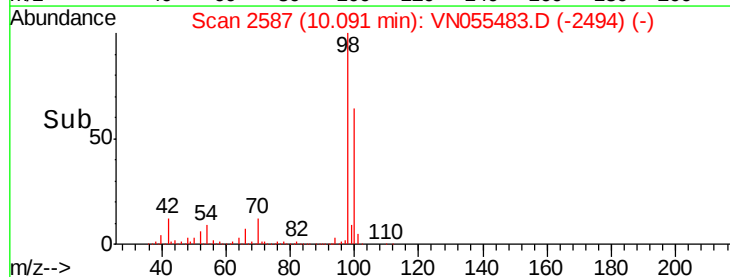
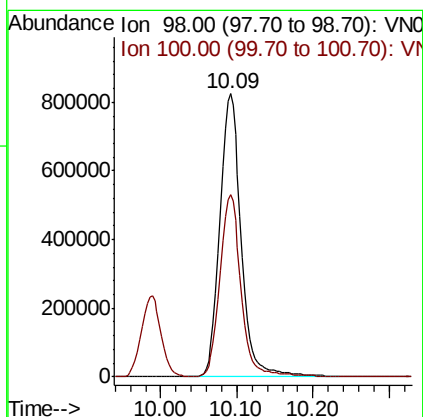
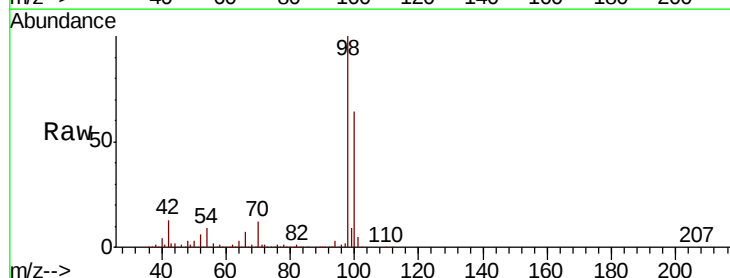
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

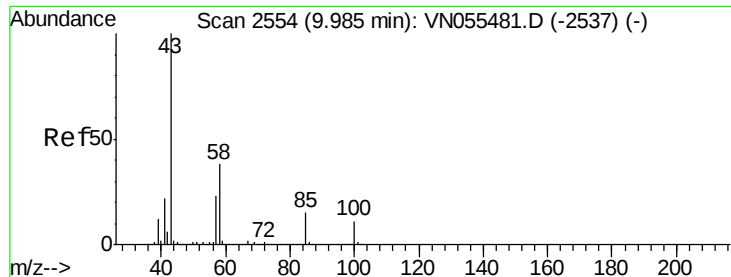
Tot Ion: 88 Resp: 206017
Ion Ratio Lower Upper
88 100
43 33.9 27.8 41.8
58 75.9 61.8 92.6



#50
Toluene-d8
Concen: 50.939 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 98 Resp: 1611250
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 263.126 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

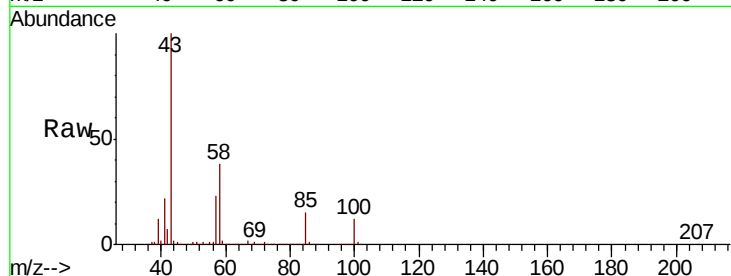
ICVVN050819

Tot Ion: 43 Resp: 3555188

Ion Ratio Lower Upper

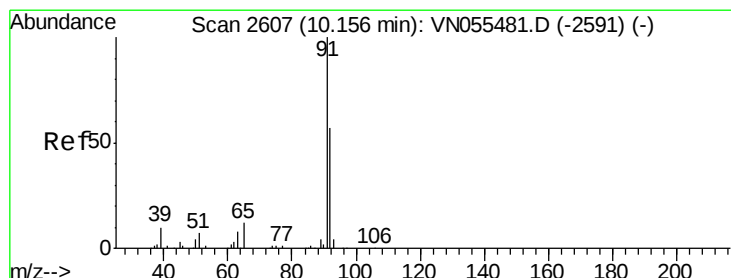
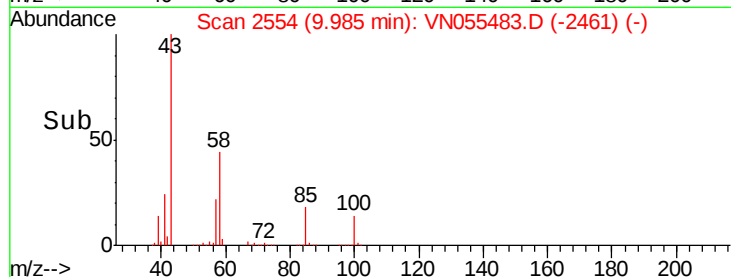
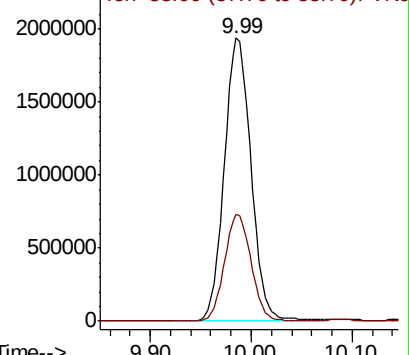
43 100

58 37.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.487 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055483.D

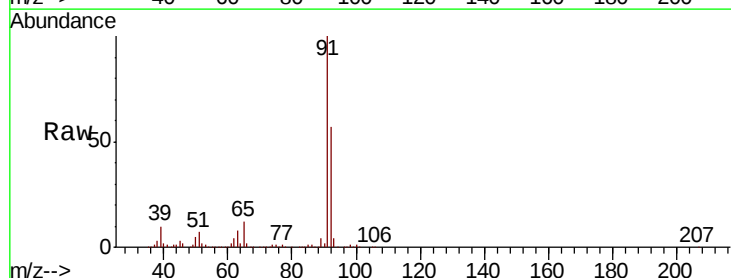
Acq: 8 May 2019 19:30

Tgt Ion: 92 Resp: 1132463

Ion Ratio Lower Upper

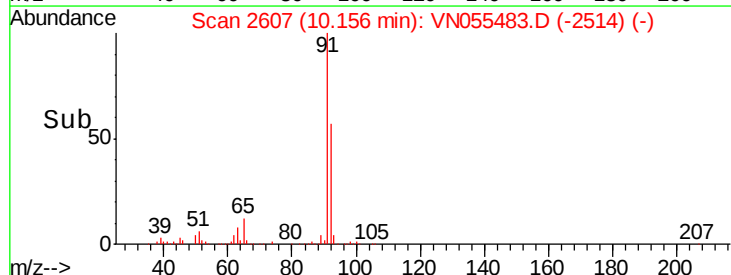
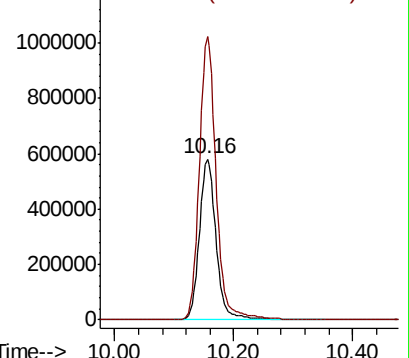
92 100

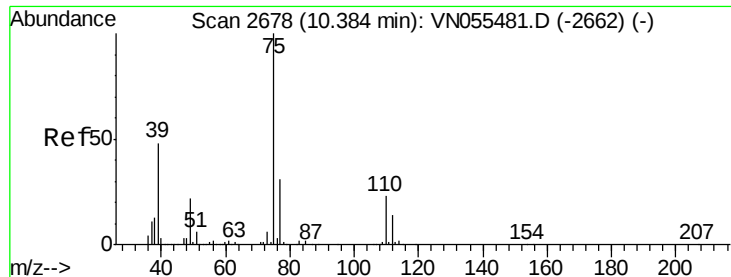
91 176.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.895 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampled :

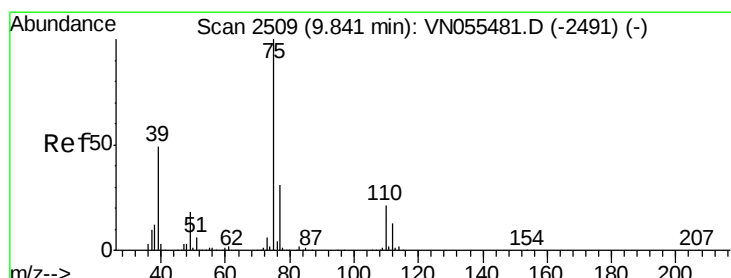
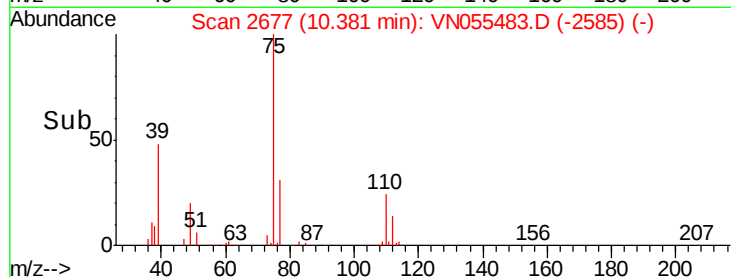
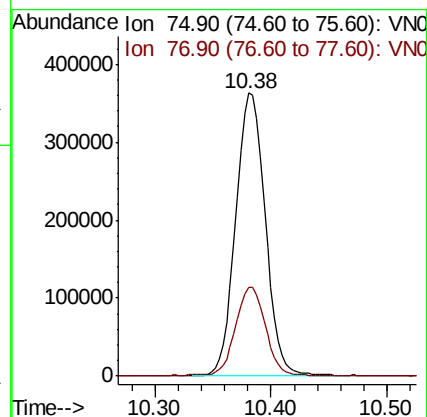
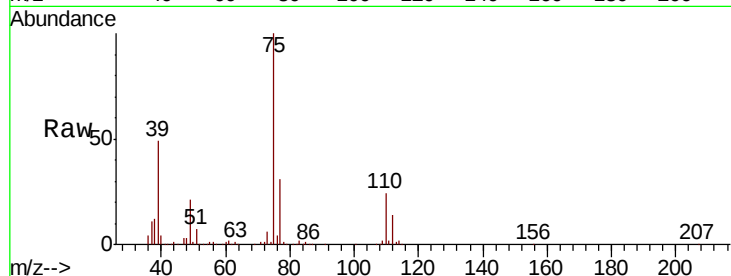
ICVVN050819

Tot Ion: 75 Resp: 643574

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.826 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

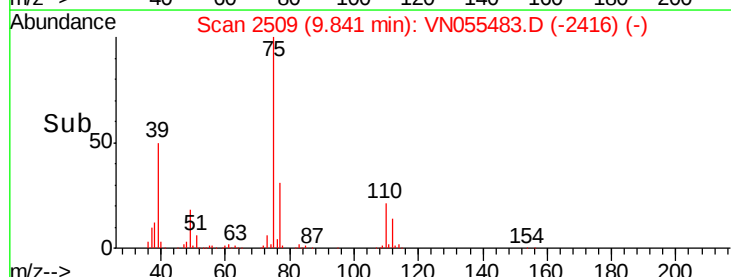
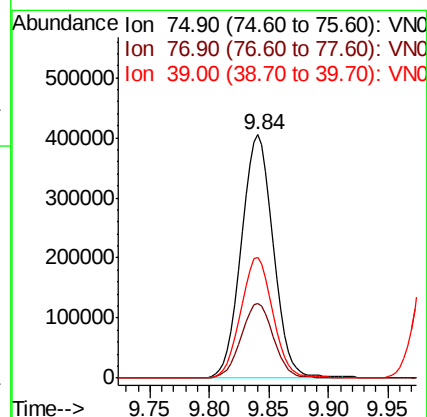
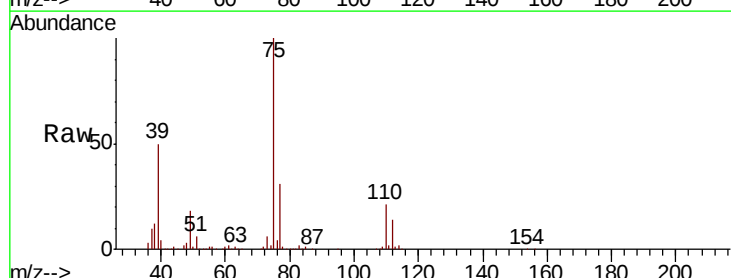
Tgt Ion: 75 Resp: 754057

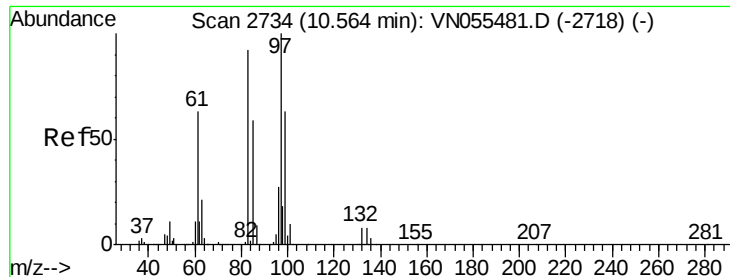
Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 49.7 39.5 59.3

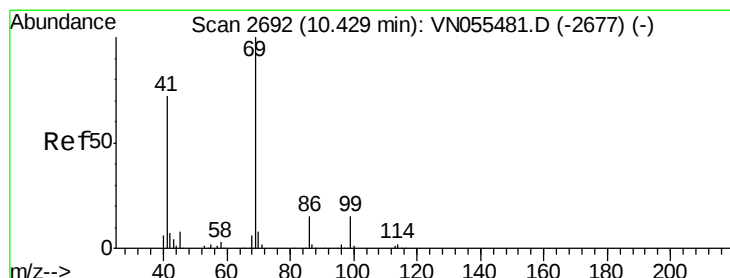
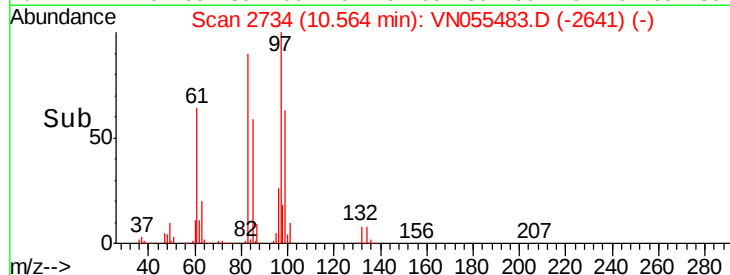
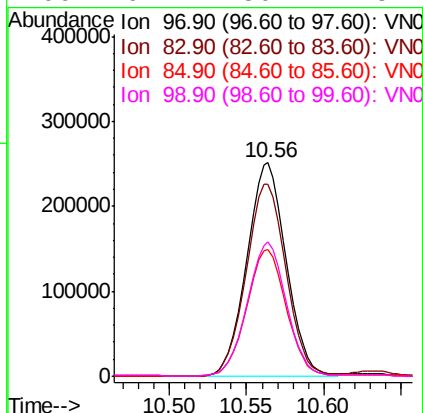
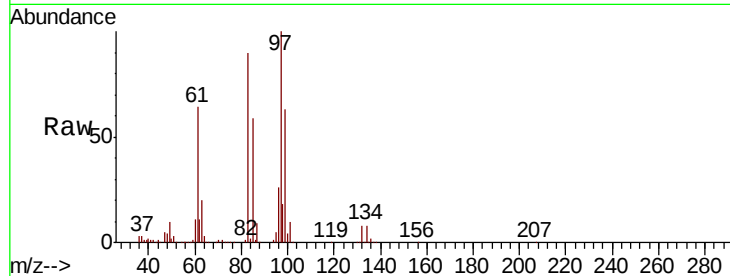




#55
 1,1,2-Trichloroethane
 Concen: 50.005 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

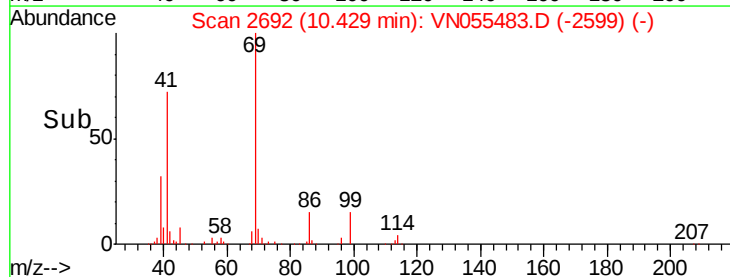
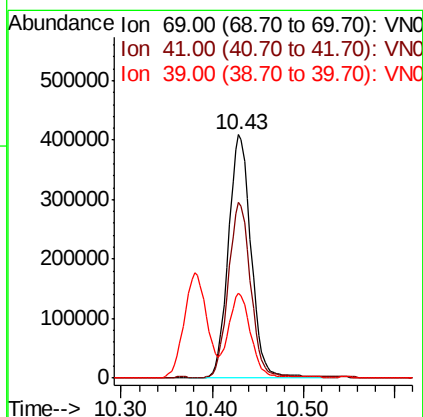
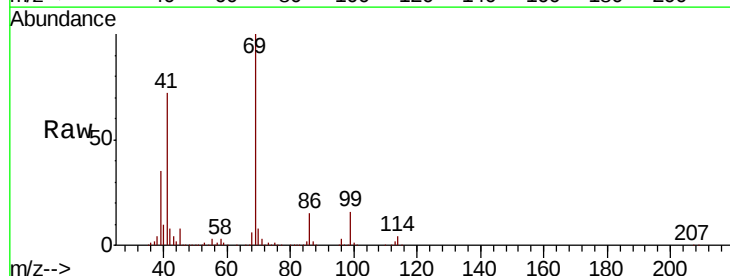
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

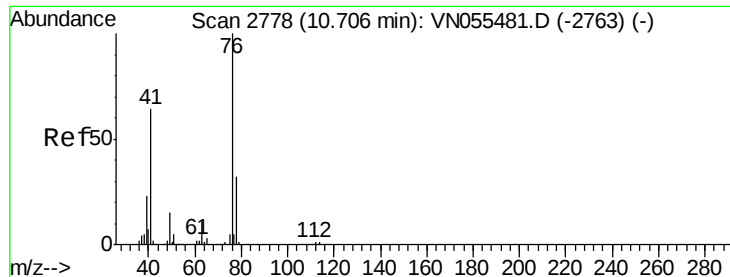
Tot Ion:	97	Resp:	445625
Ion	Ratio	Lower	Upper
97	100		
83	89.6	73.2	109.8
85	59.1	47.5	71.3
99	62.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 53.818 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion:	69	Resp:	713385
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.2	84.2
39	33.7	27.8	41.6





#57

1,3-Dichloropropane

Concen: 50.961 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

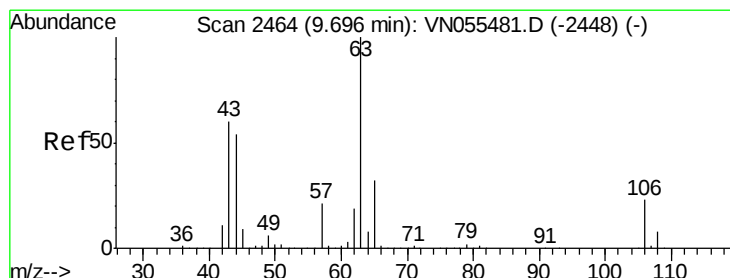
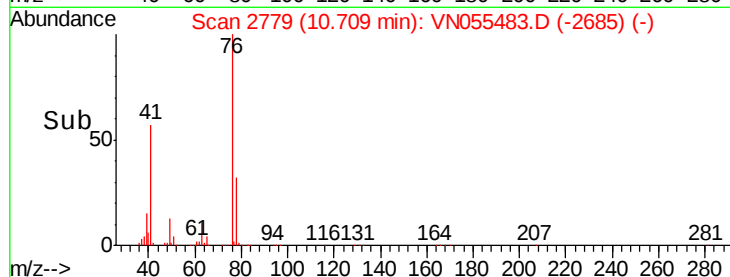
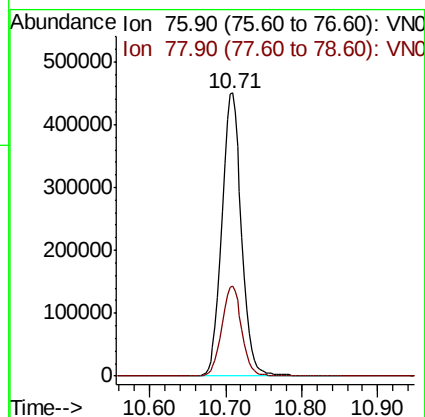
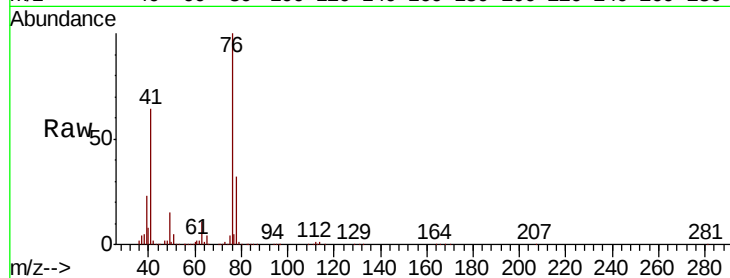
ICVVN050819

Tot Ion: 76 Resp: 806265

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 237.298 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055483.D

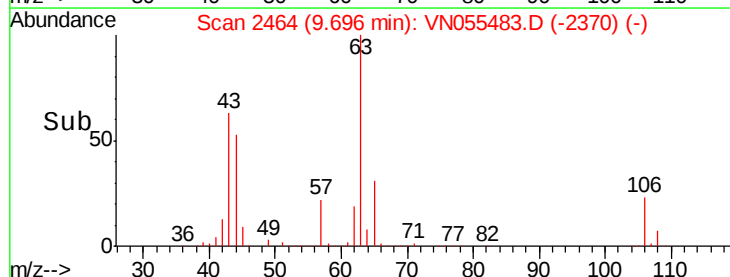
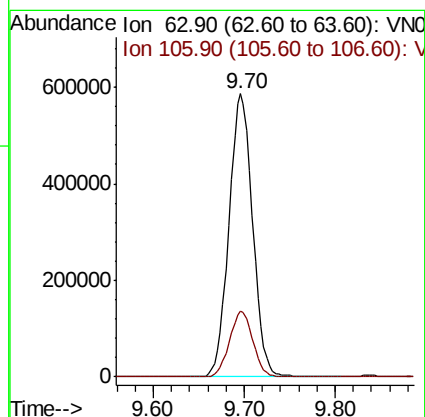
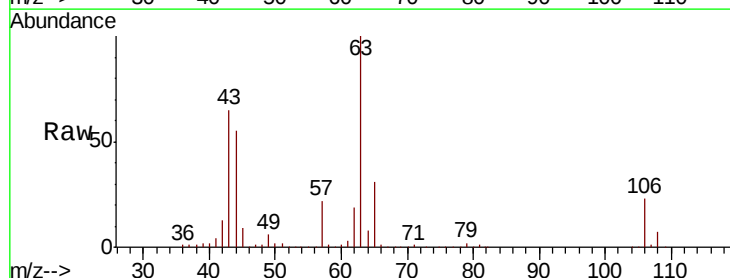
Acq: 8 May 2019 19:30

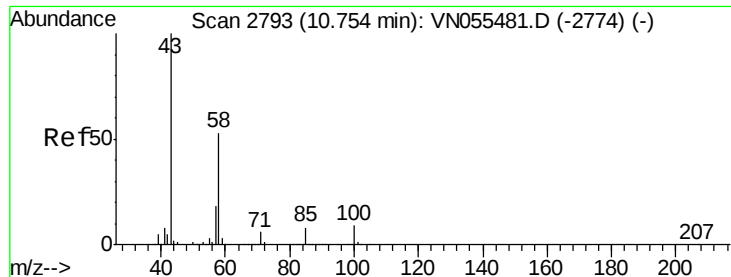
Tgt Ion: 63 Resp: 1055895

Ion Ratio Lower Upper

63 100

106 23.0 18.6 27.8

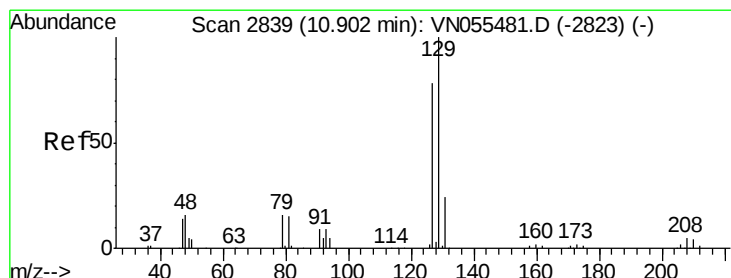
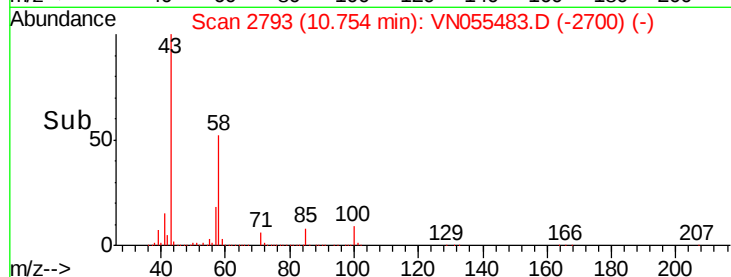
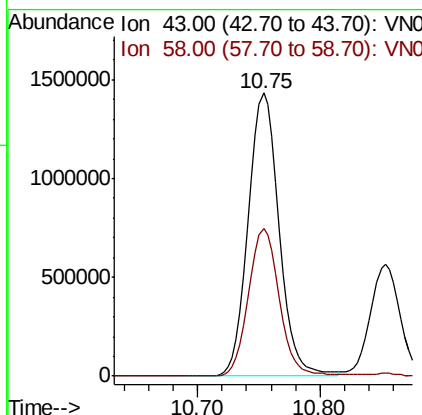
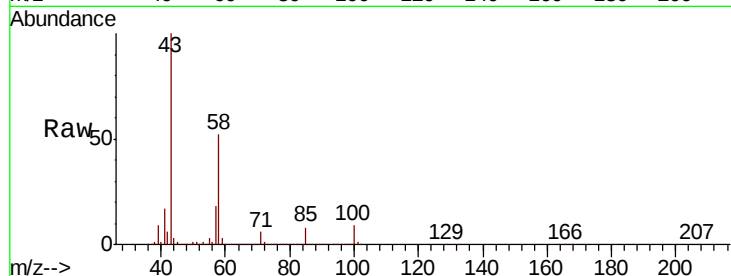




#59
2-Hexanone
Concen: 262.164 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

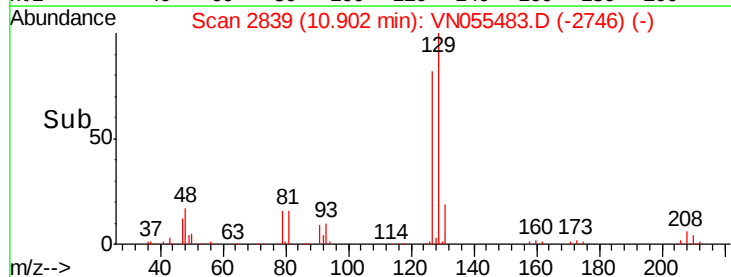
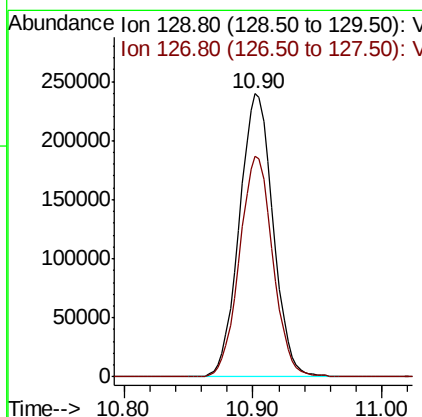
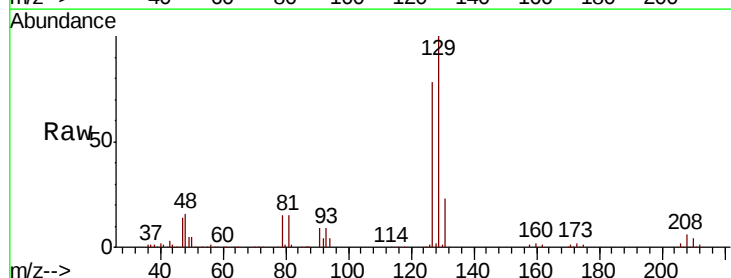
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

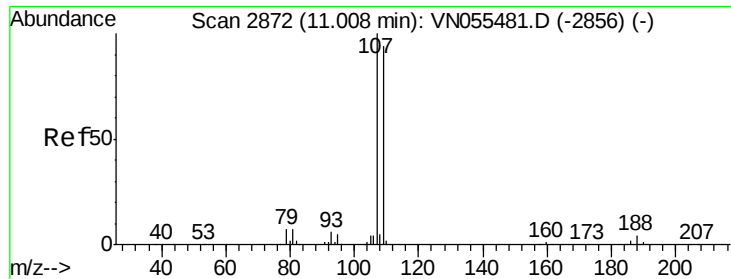
Tot Ion: 43 Resp: 2484144
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 53.748 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 129 Resp: 435492
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.896 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

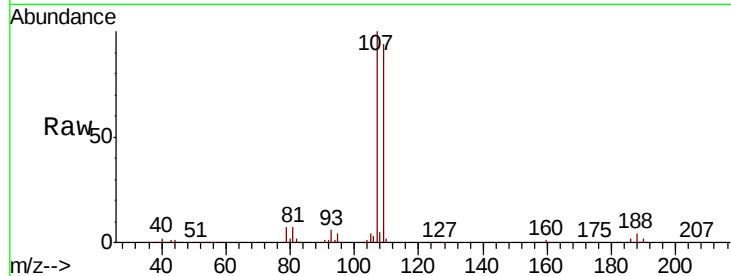
ICVVN050819

Tot Ion:107 Resp: 444354

Ion Ratio Lower Upper

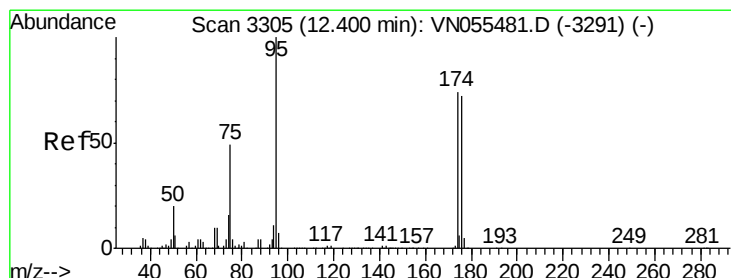
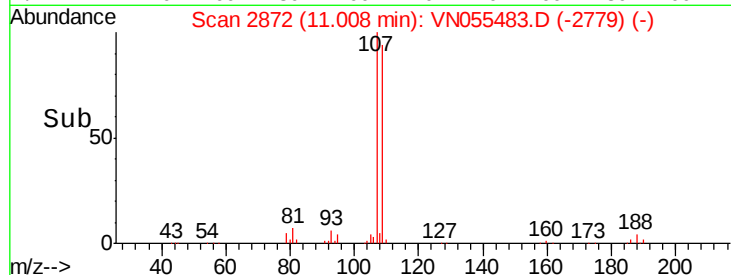
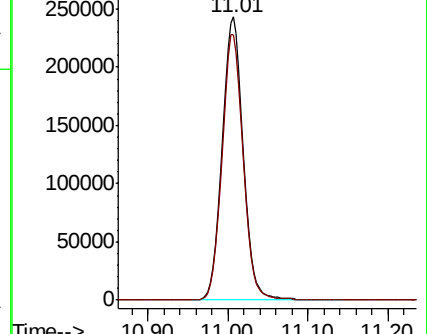
107 100

109 94.2 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.434 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

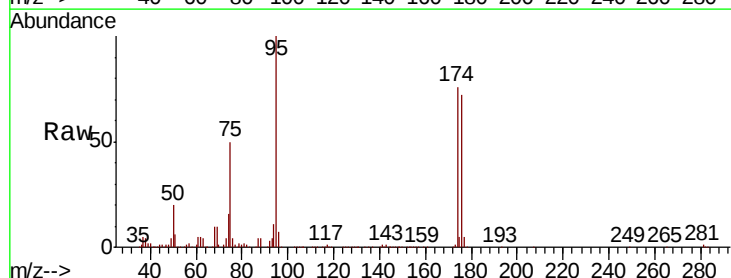
Tgt Ion: 95 Resp: 559236

Ion Ratio Lower Upper

95 100

174 77.3 0.0 152.2

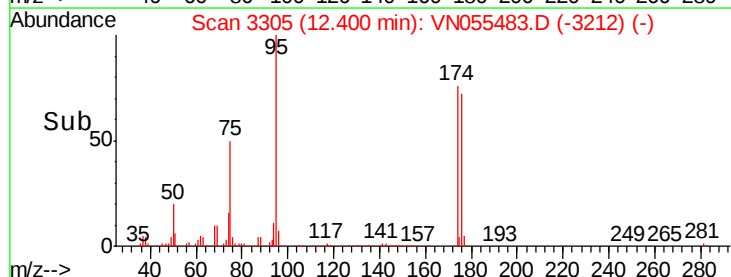
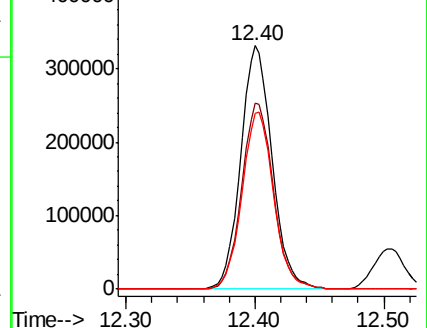
176 73.5 0.0 147.8

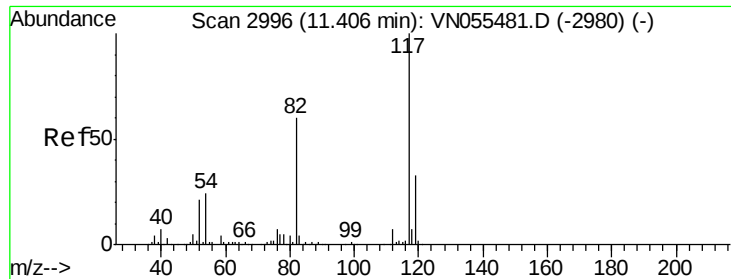


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

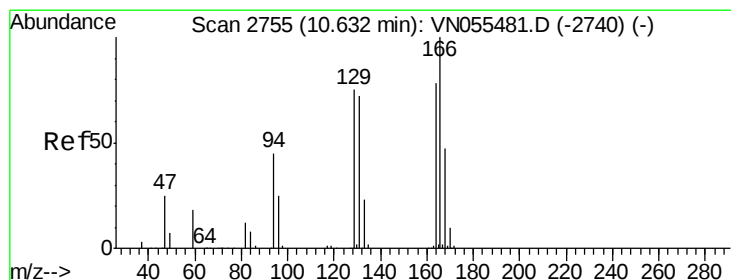
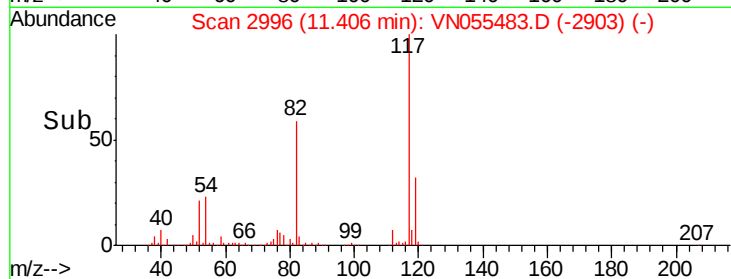
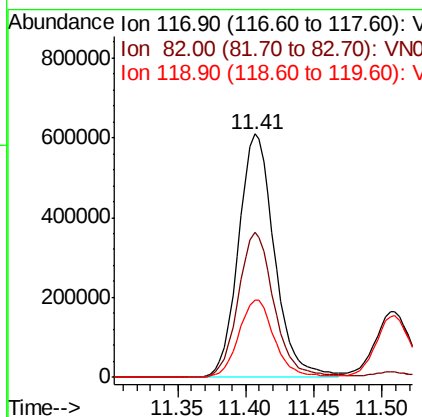
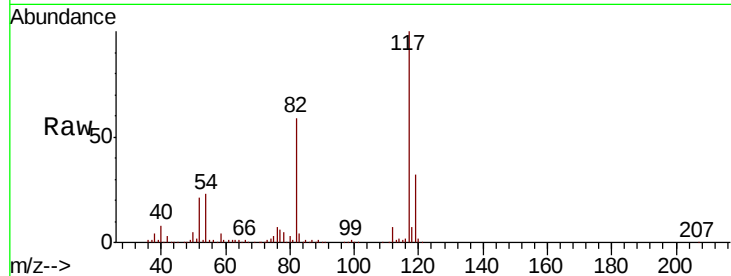




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

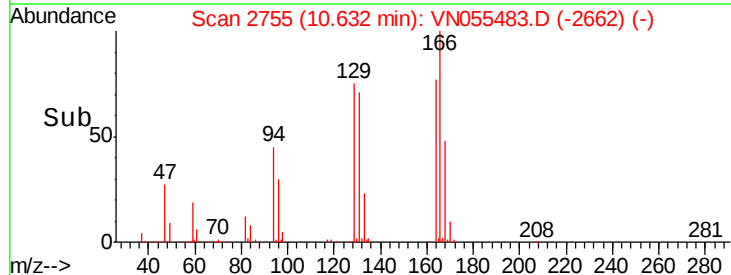
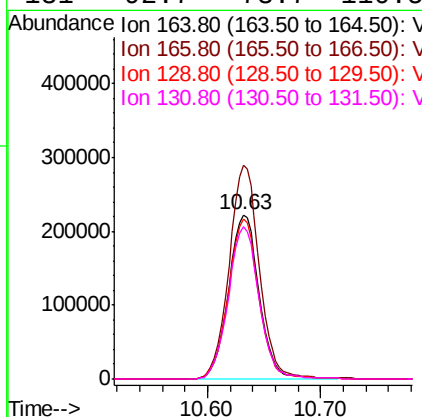
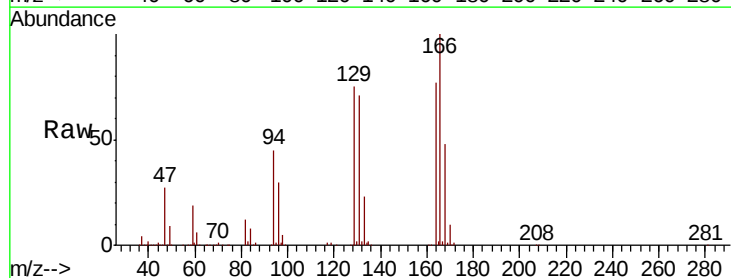
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

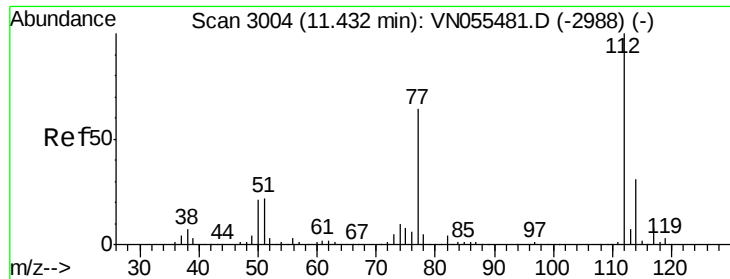
Tot Ion:117 Resp: 1116606
Ion Ratio Lower Upper
117 100
82 59.4 48.0 72.0
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 45.786 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion:164 Resp: 418915
Ion Ratio Lower Upper
164 100
166 130.3 102.6 153.8
129 97.4 77.0 115.6
131 92.7 73.7 110.5

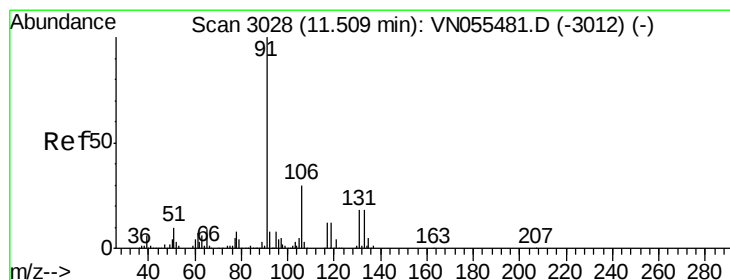
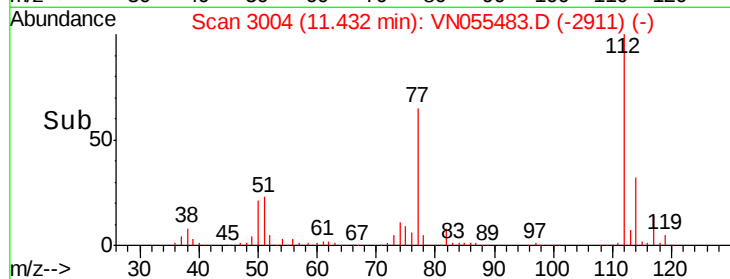
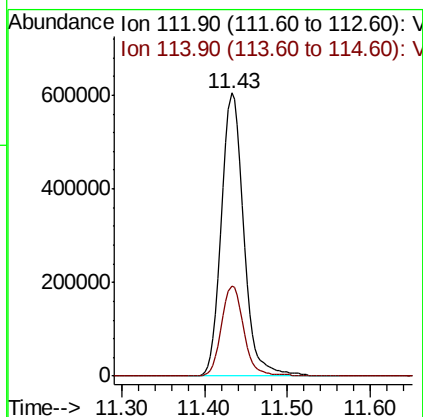
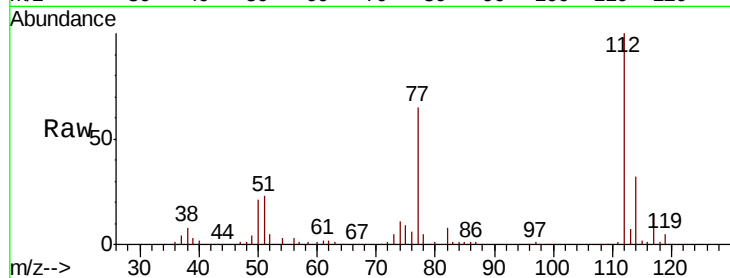




#65
Chlorobenzene
Concen: 49.202 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

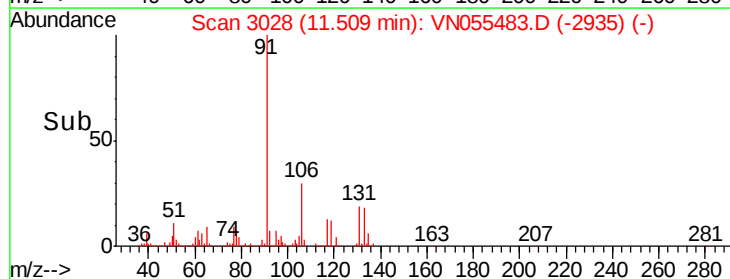
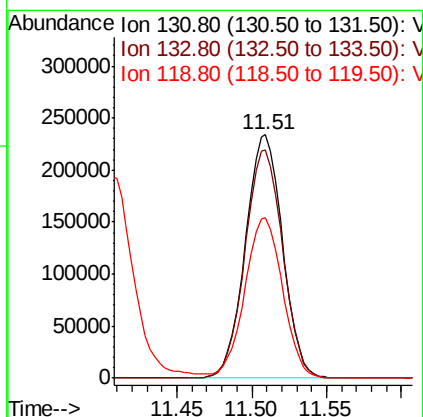
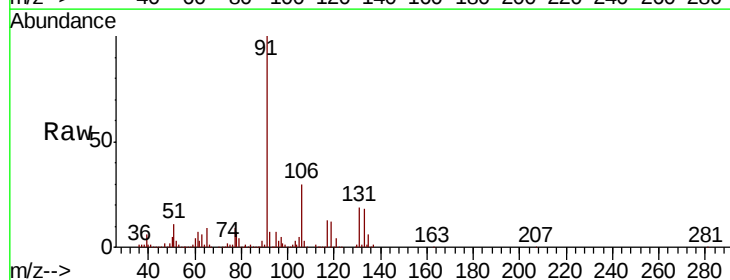
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

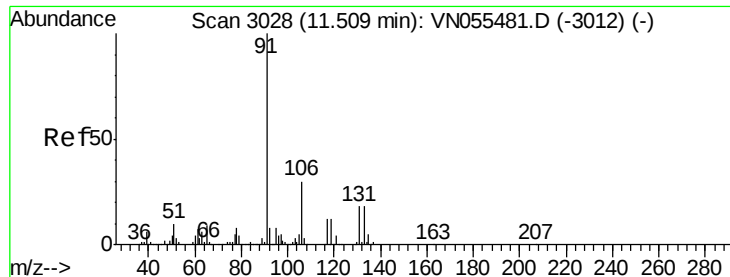
Tot Ion:112 Resp: 1130287
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.073 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion:131 Resp: 403920
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 67.4 34.1 102.2

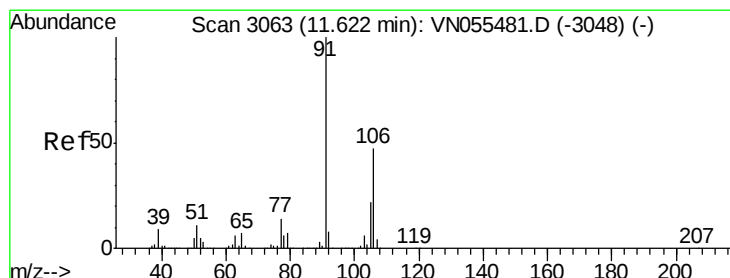
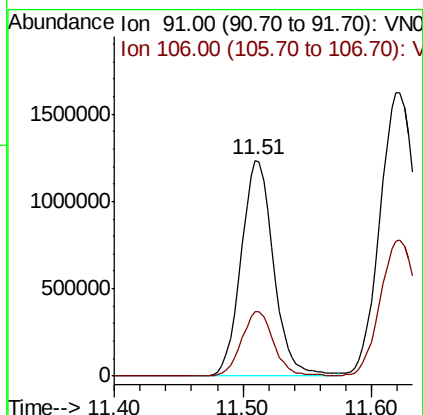
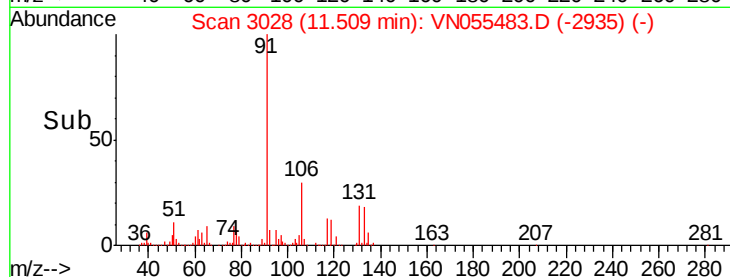
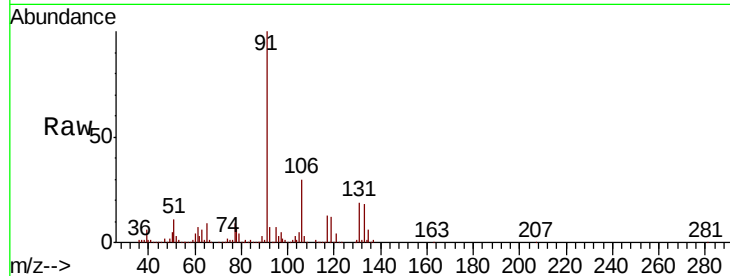




#67
Ethyl Benzene
Concen: 50.194 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

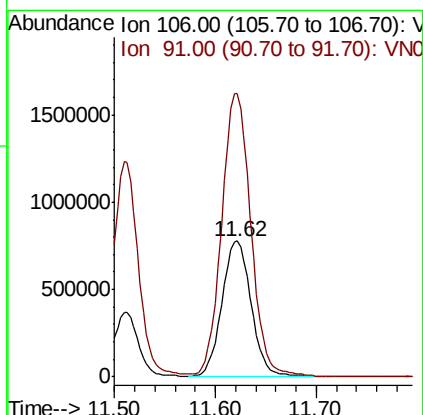
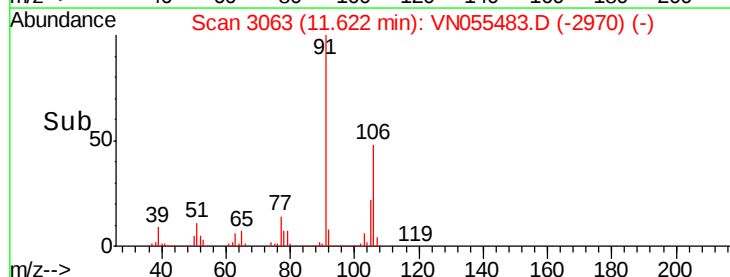
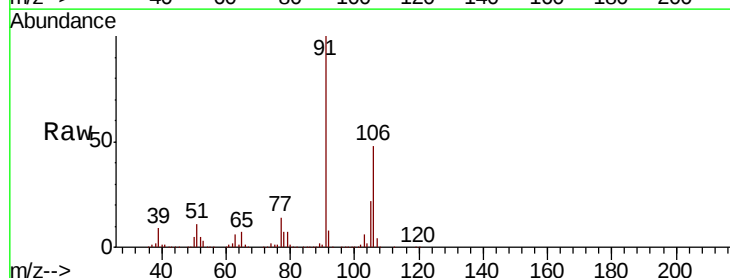
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050819

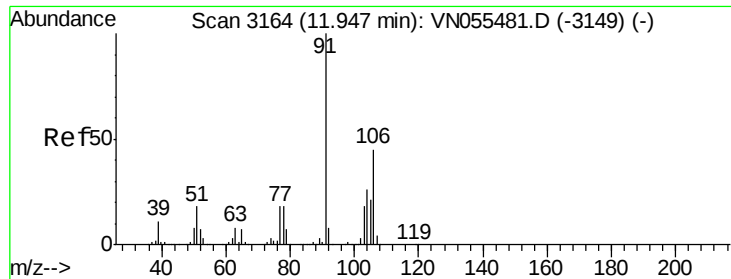
Tot Ion: 91 Resp: 2165663
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6



#68
m/p-Xylenes
Concen: 101.892 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion: 106 Resp: 1577686
Ion Ratio Lower Upper
106 100
91 208.6 169.2 253.8

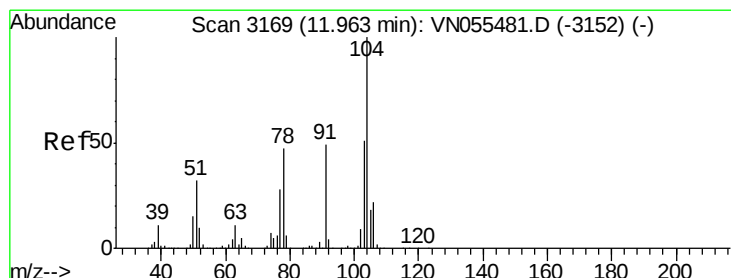
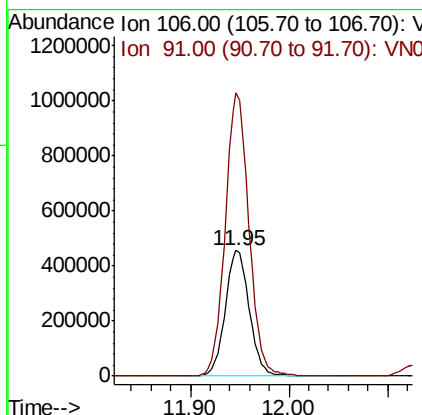
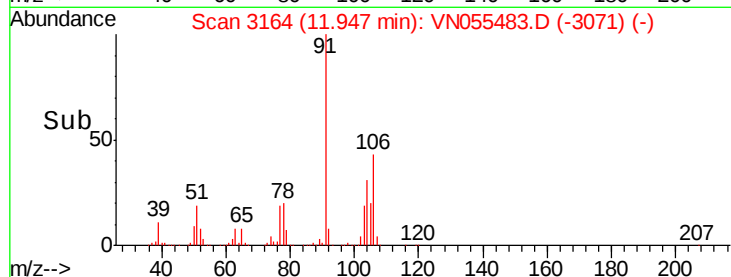
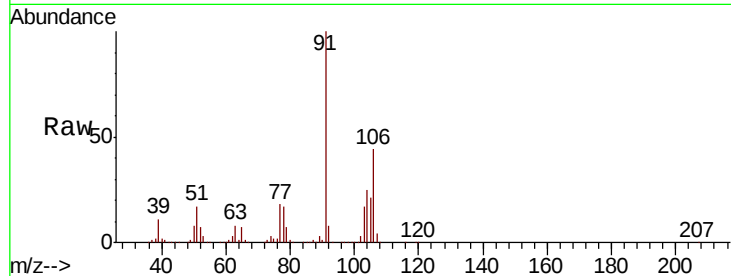




#69
o-Xylene
Concen: 50.848 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

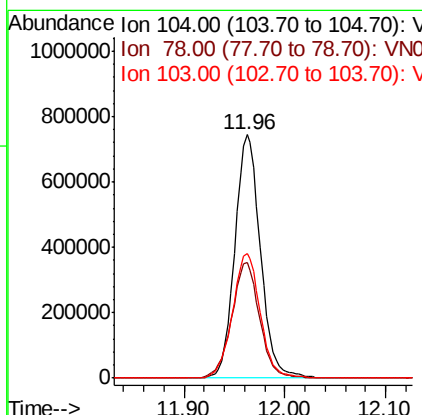
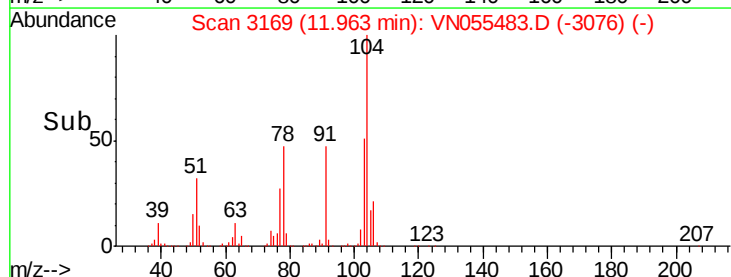
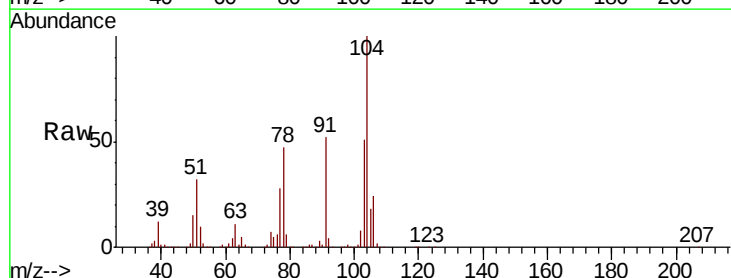
Instrument :
MSVOA_N
ClientSampled :
ICVVN050819

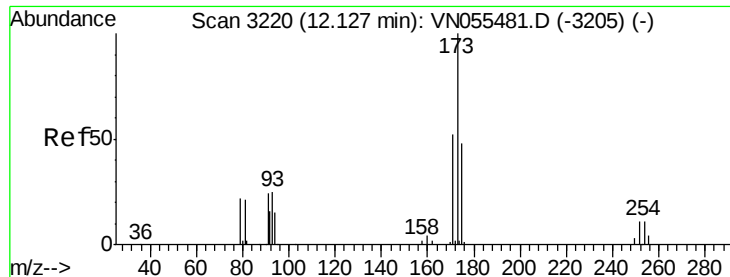
Tot Ion:106 Resp: 773848
Ion Ratio Lower Upper
106 100
91 222.5 111.3 333.8



#70
Styrene
Concen: 53.722 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055483.D
Acq: 8 May 2019 19:30

Tgt Ion:104 Resp: 1309845
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 53.543 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

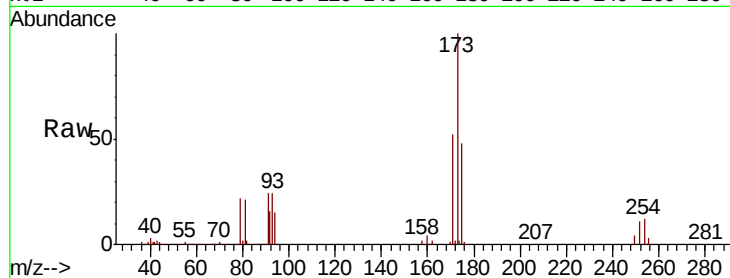
Tot Ion:173 Resp: 285748

Ion Ratio Lower Upper

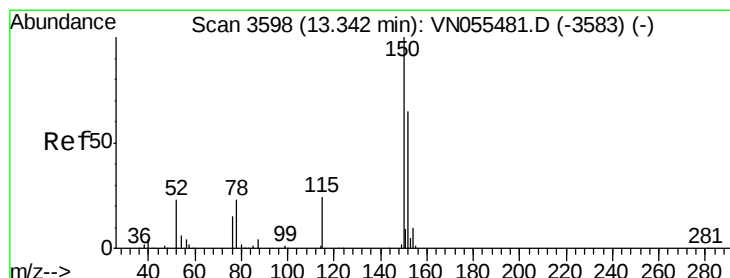
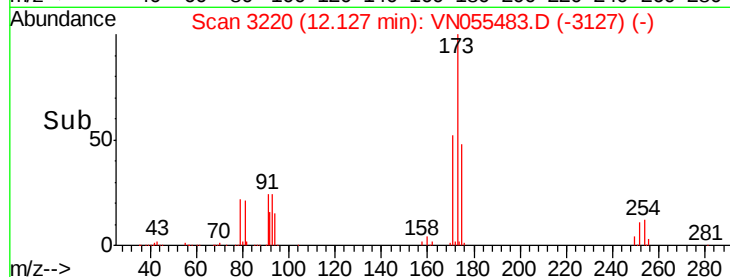
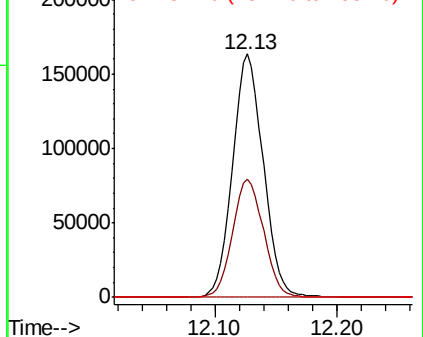
173 100

175 49.2 24.1 72.4

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

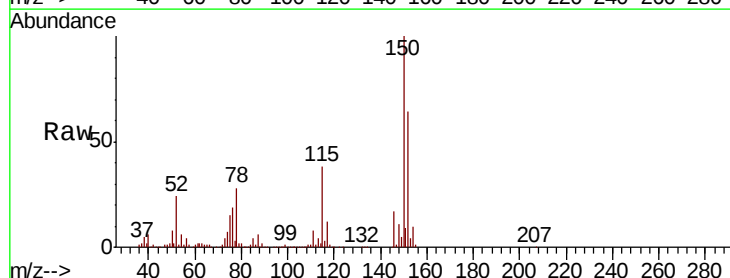
Tgt Ion:152 Resp: 482611

Ion Ratio Lower Upper

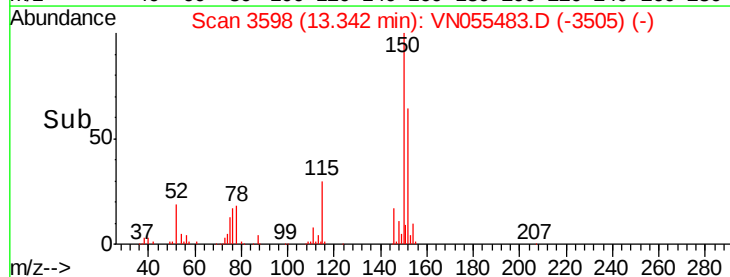
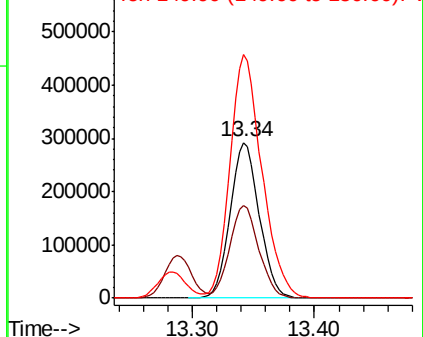
152 100

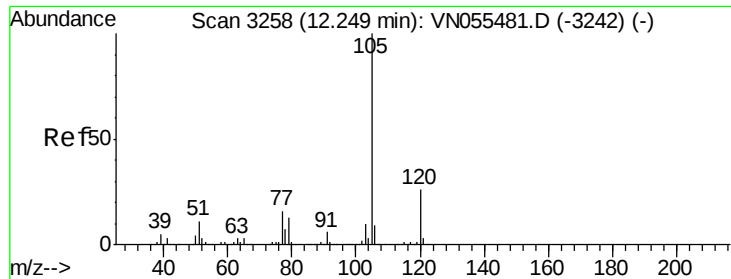
115 59.9 30.1 90.5

150 172.5 0.0 355.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.266 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

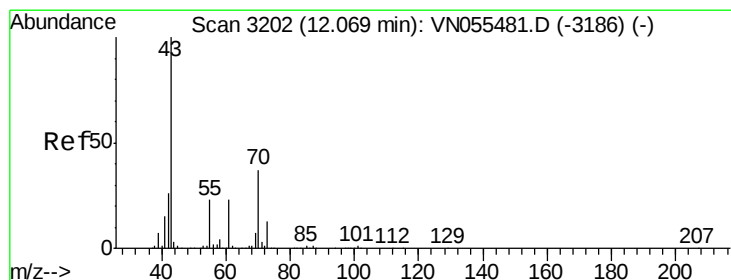
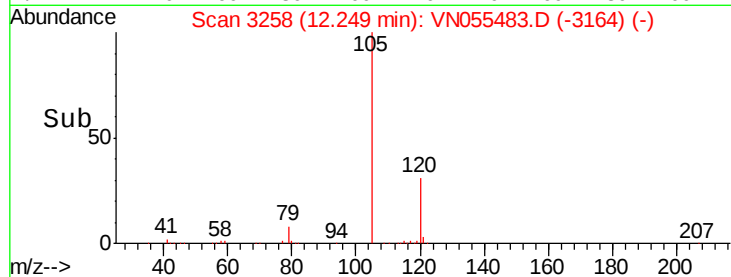
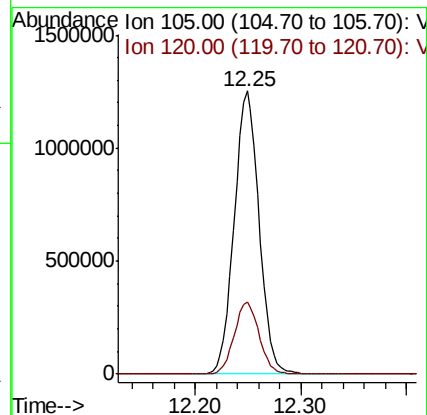
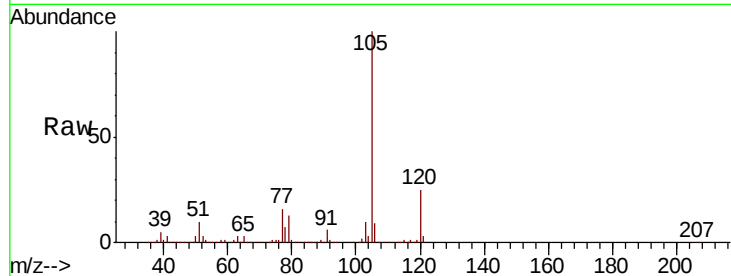
ICVVN050819

Tot Ion:105 Resp: 2037573

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 49.968 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Tgt Ion: 43 Resp: 915537

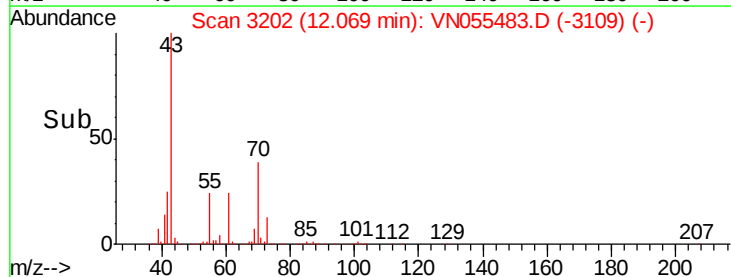
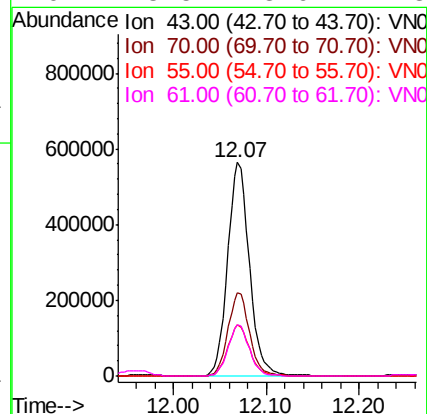
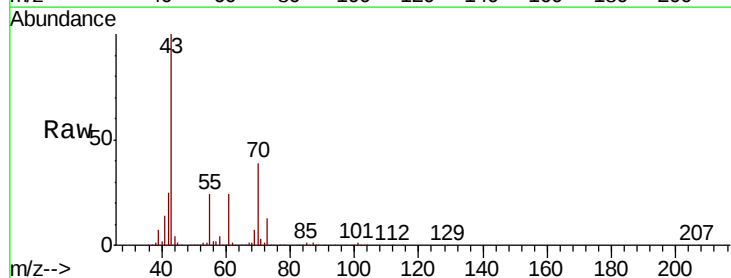
Ion Ratio Lower Upper

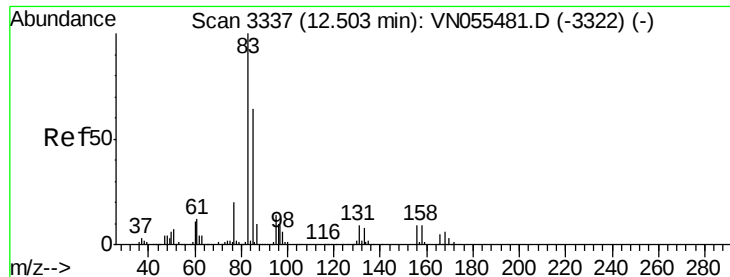
43 100

70 38.8 30.7 46.1

55 24.2 19.3 28.9

61 23.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.781 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICV050819

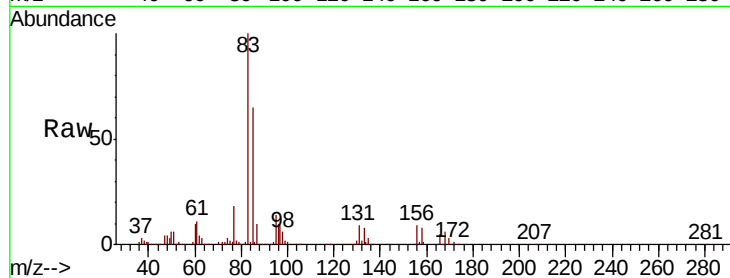
Tot Ion: 83 Resp: 668856

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

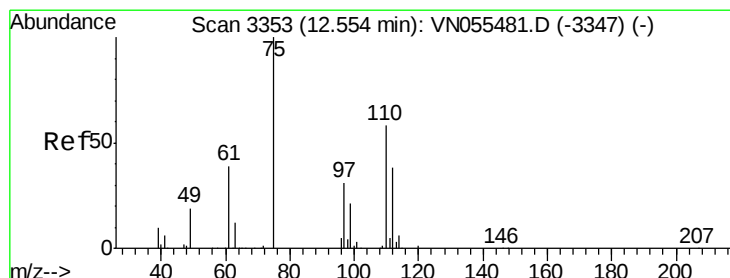
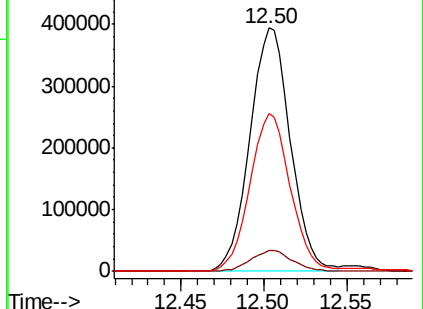
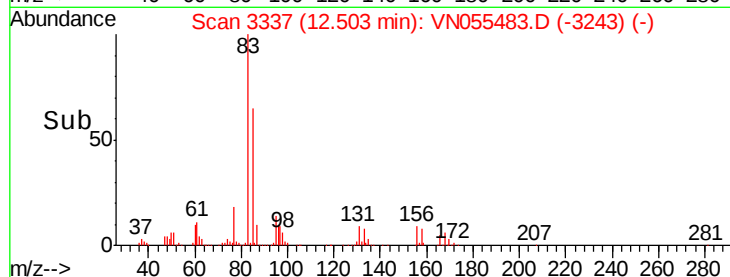
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN055483.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055483.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055483.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 73.114 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055483.D

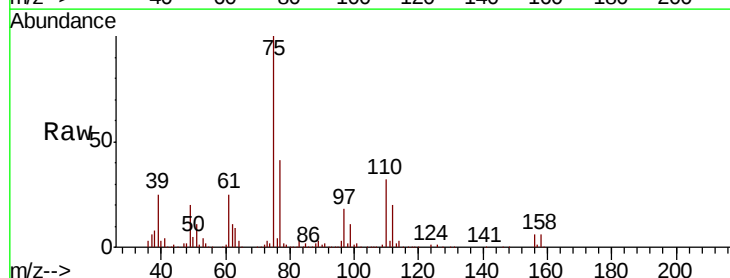
Acq: 8 May 2019 19:30

Tgt Ion: 75 Resp: 811074

Ion Ratio Lower Upper

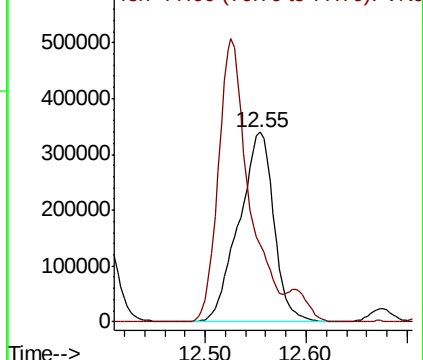
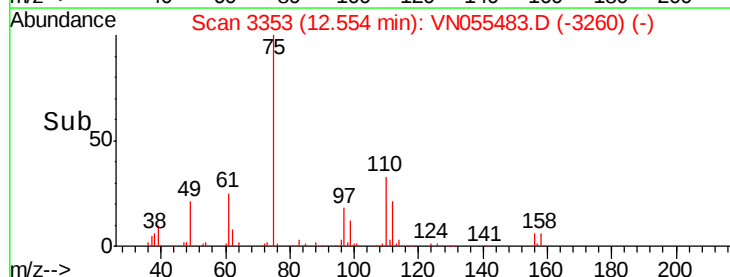
75 100

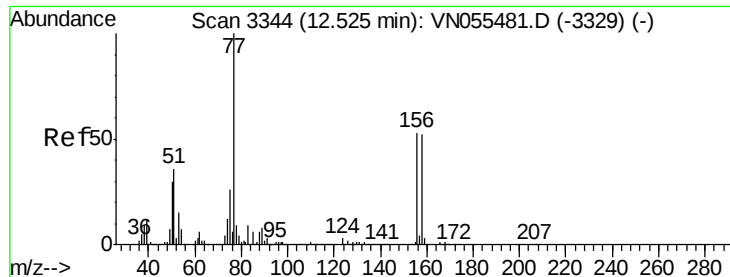
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055483.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055483.D (-3353) (-)





#77

Bromobenzene

Concen: 44.056 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

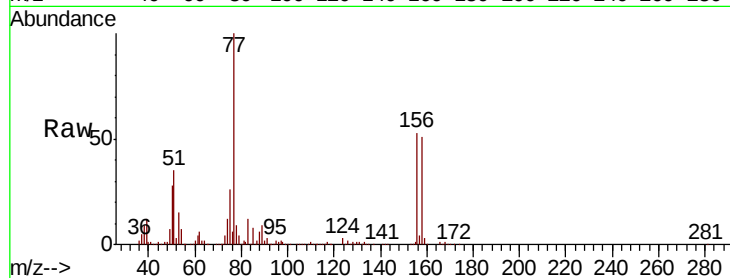
Tot Ion:156 Resp: 468571

Ion Ratio Lower Upper

156 100

77 230.3 115.4 346.2

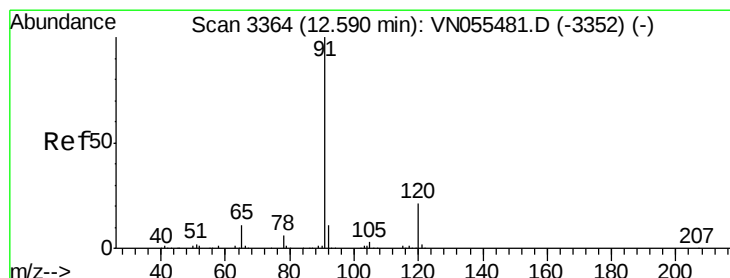
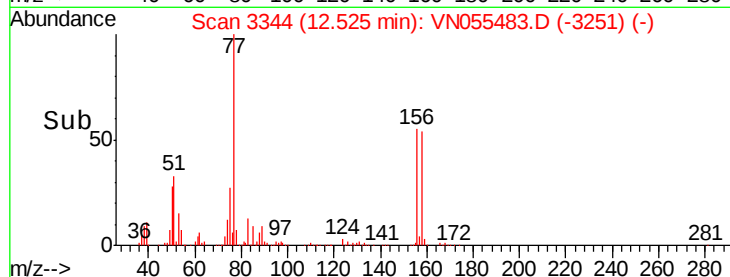
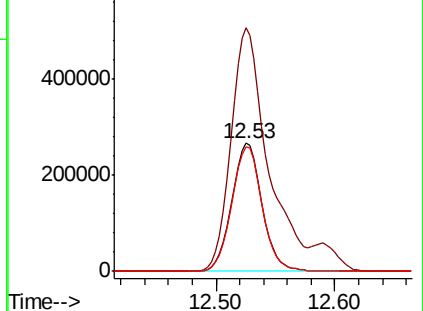
158 97.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.703 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055483.D

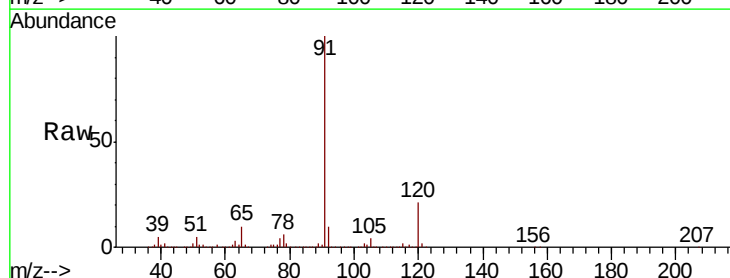
Acq: 8 May 2019 19:30

Tgt Ion: 91 Resp: 2365719

Ion Ratio Lower Upper

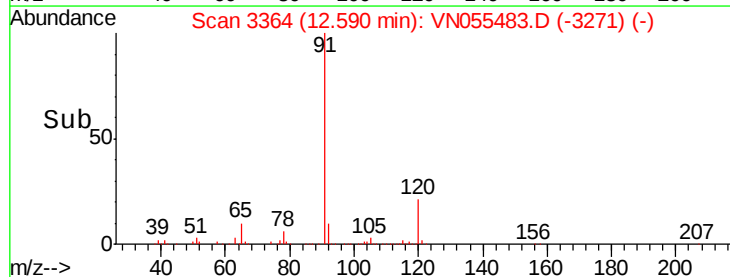
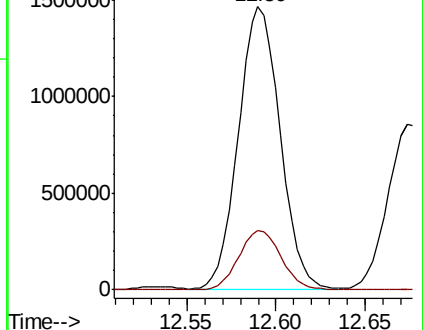
91 100

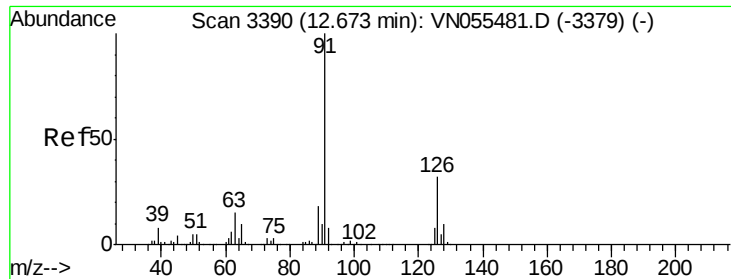
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

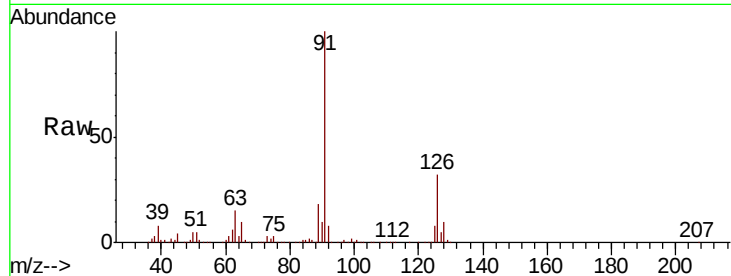




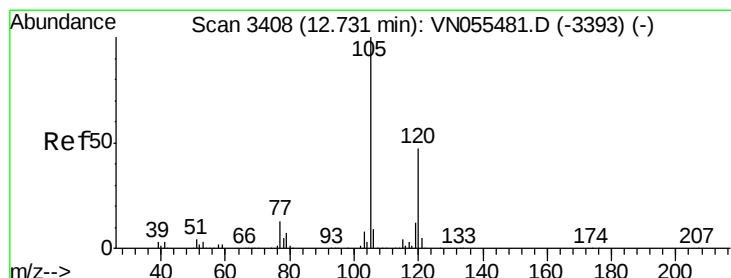
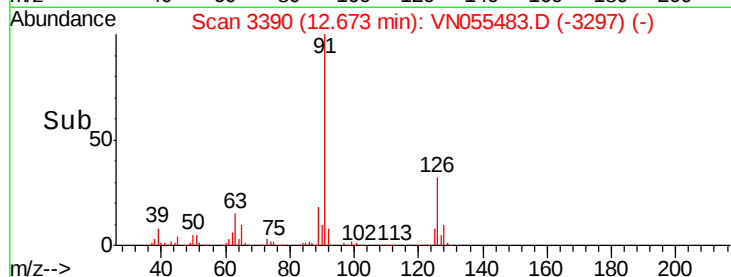
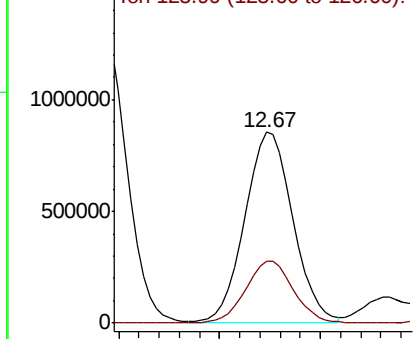
#79
 2-Chlorotoluene
 Concen: 43.973 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

Tot Ion: 91 Resp: 1418529
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.0 47.9

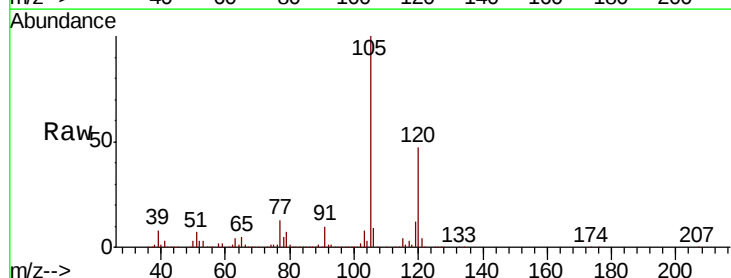


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

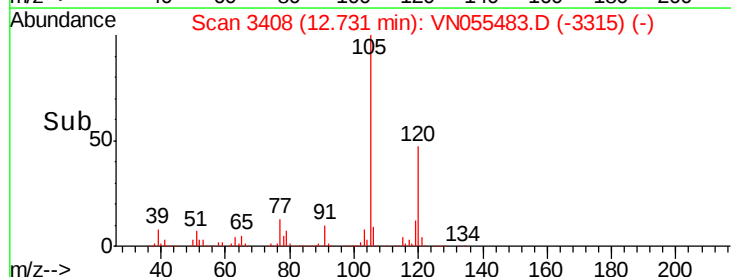
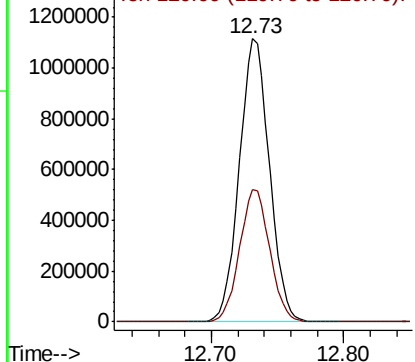


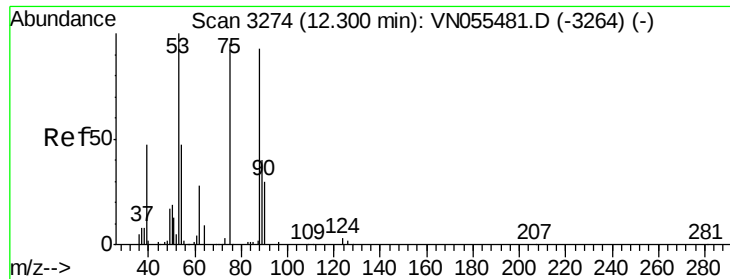
#80
 1,3,5-Trimethylbenzene
 Concen: 45.395 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion:105 Resp: 1752116
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.100 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

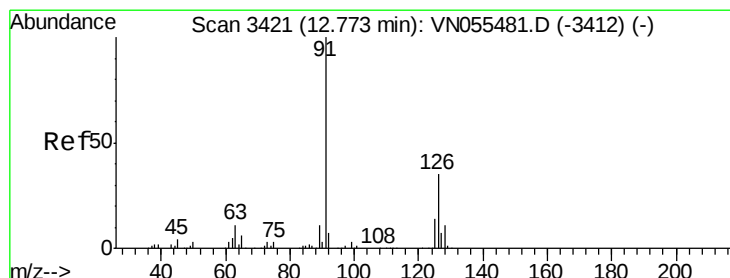
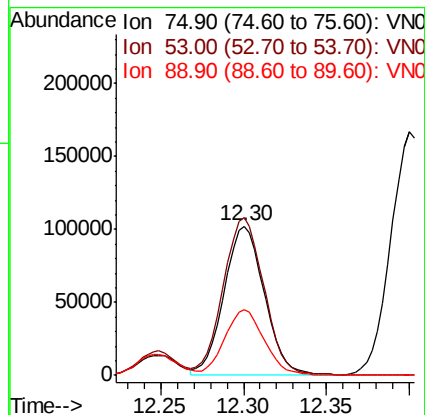
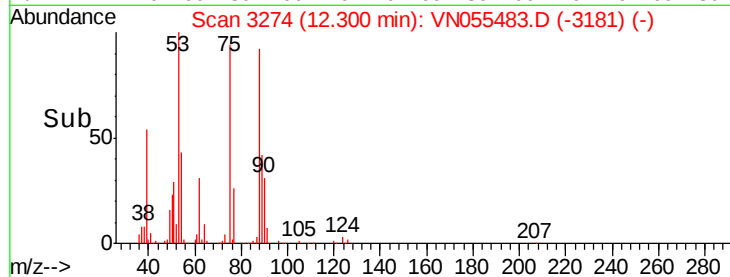
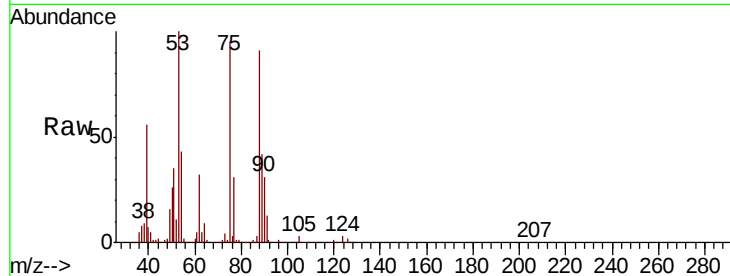
Tot Ion: 75 Resp: 171269

Ion Ratio Lower Upper

75 100

53 108.2 86.5 129.7

89 43.8 35.7 53.5



#82

4-Chlorotoluene

Concen: 46.170 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055483.D

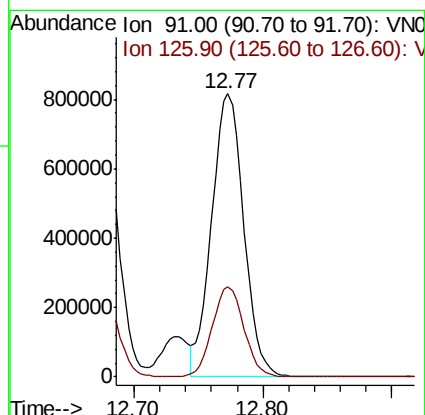
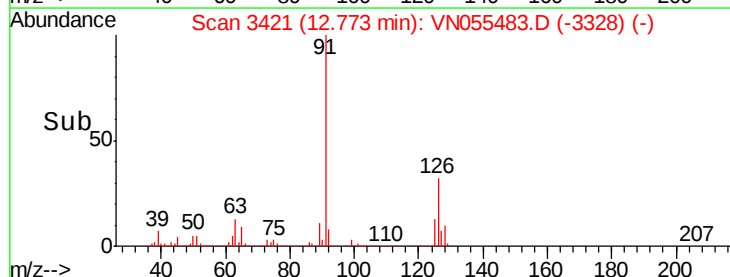
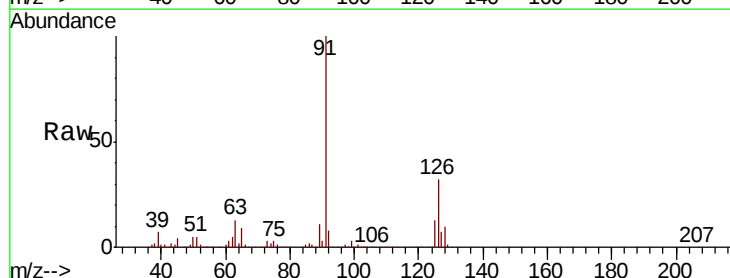
Acq: 8 May 2019 19:30

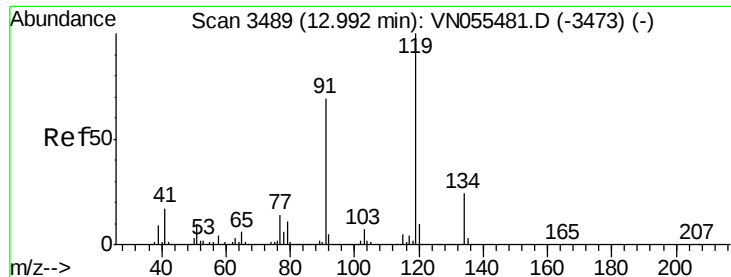
Tgt Ion: 91 Resp: 1407340

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0

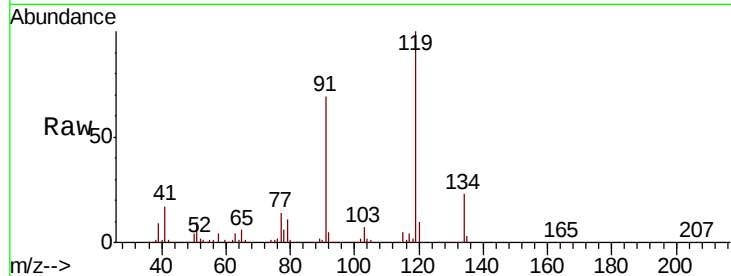




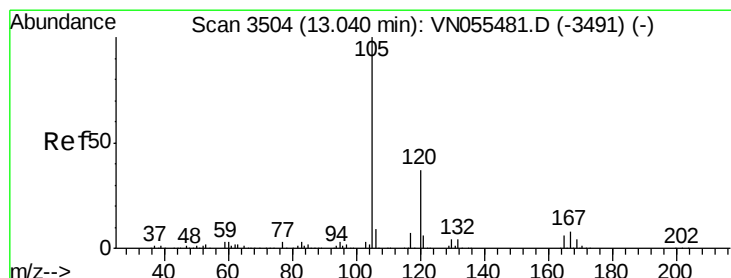
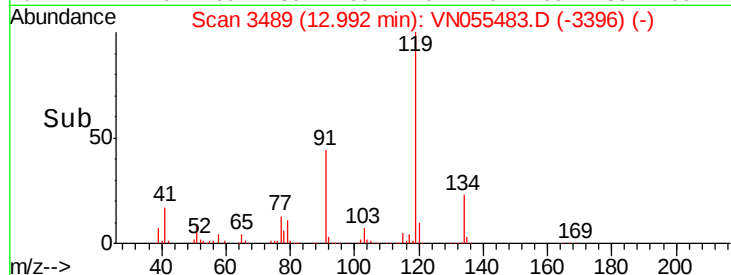
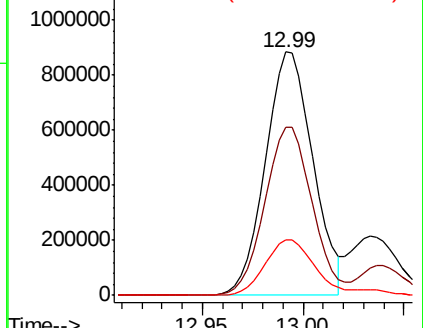
#83
 tert-Butylbenzene
 Concen: 43.756 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

Tot Ion:119 Resp: 1447583
 Ion Ratio Lower Upper
 119 100
 91 68.6 33.8 101.3
 134 23.7 12.5 37.5

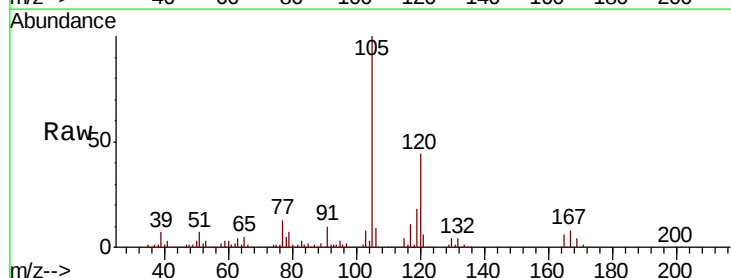


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

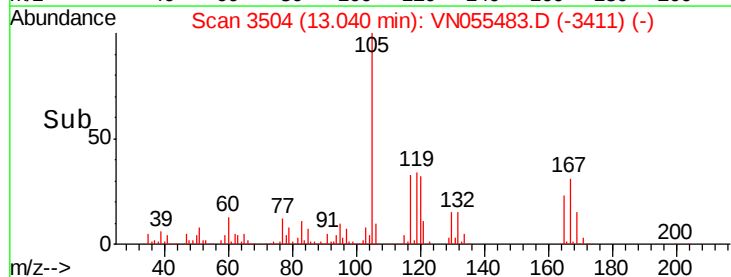
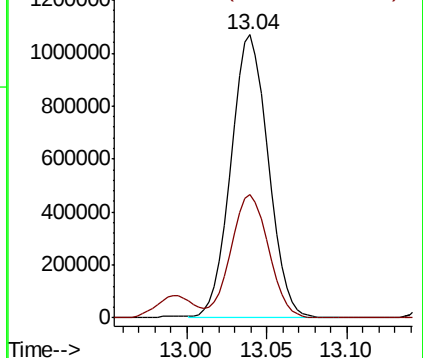


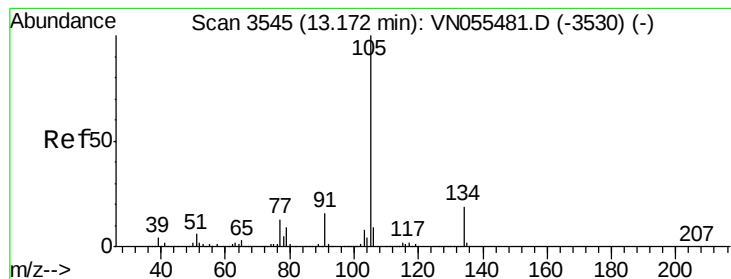
#84
 1,2,4-Trimethylbenzene
 Concen: 47.931 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion:105 Resp: 1696685
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.227 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

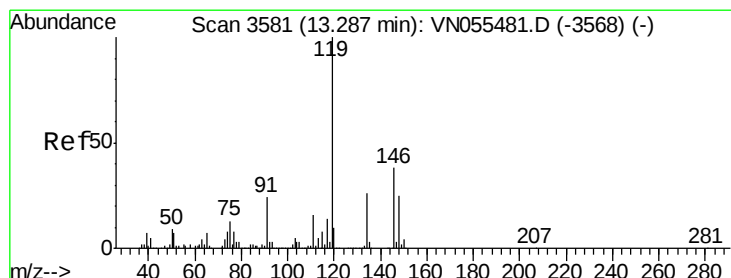
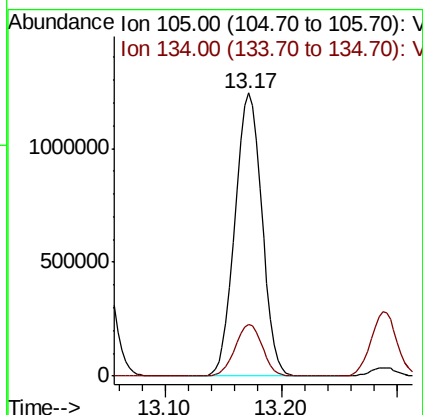
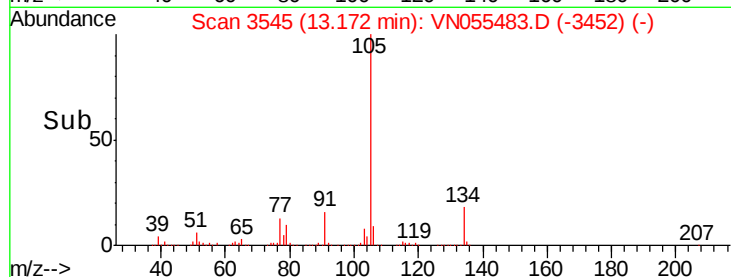
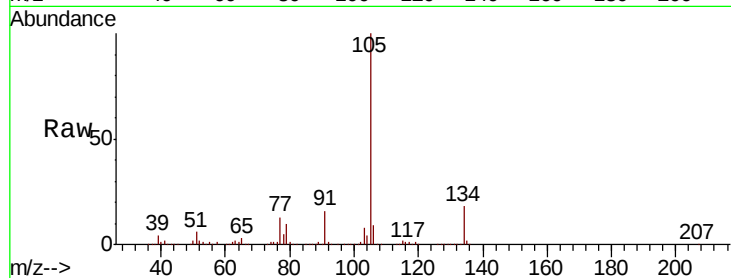
ICVVN050819

Tot Ion:105 Resp: 1988561

Ion Ratio Lower Upper

105 100

134 18.5 9.3 28.0



#86

p-Isopropyltoluene

Concen: 47.680 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

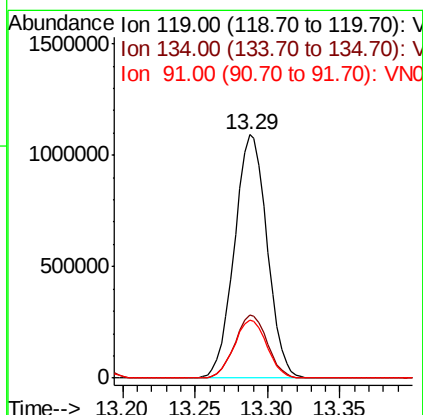
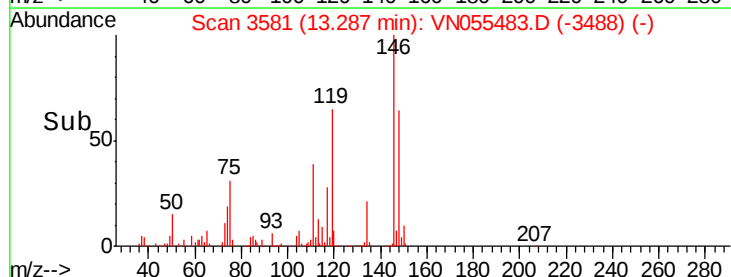
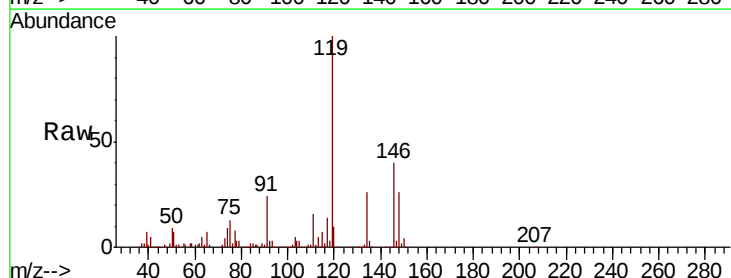
Tgt Ion:119 Resp: 1706147

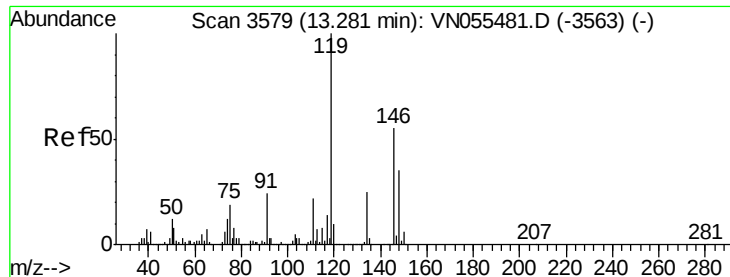
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 48.997 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

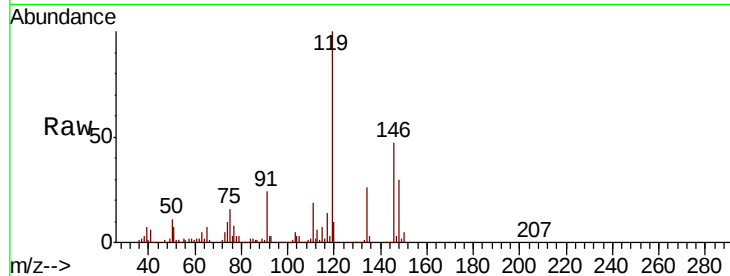
Tot Ion:146 Resp: 805255

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

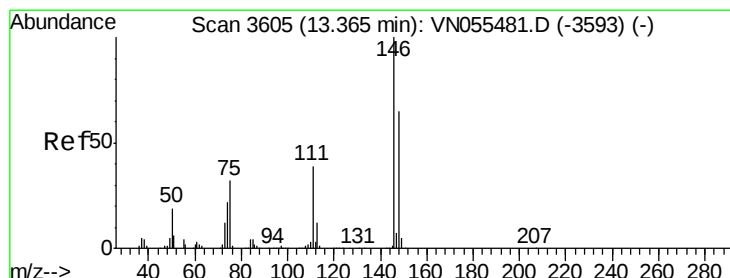
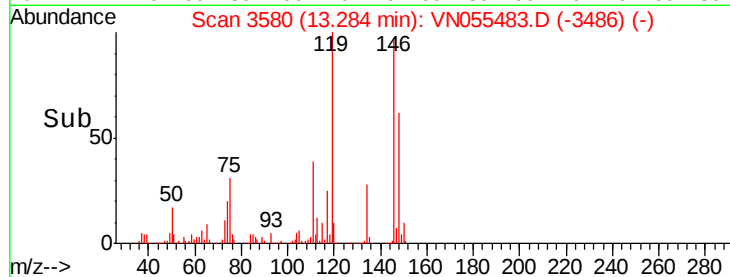
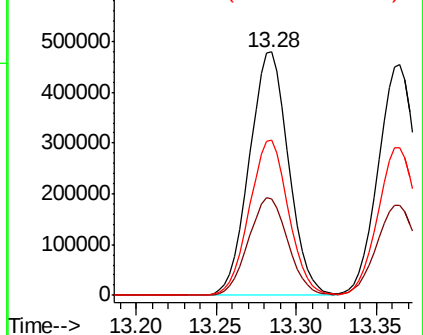
148 63.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.687 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

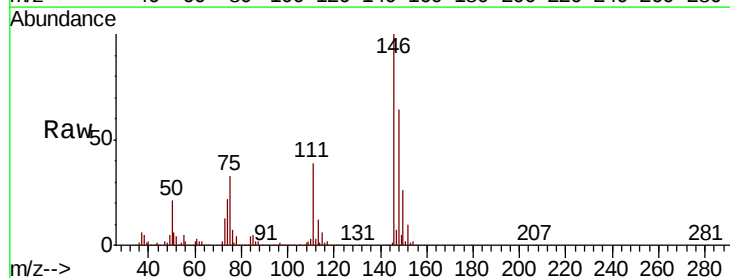
Tgt Ion:146 Resp: 773443

Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.8

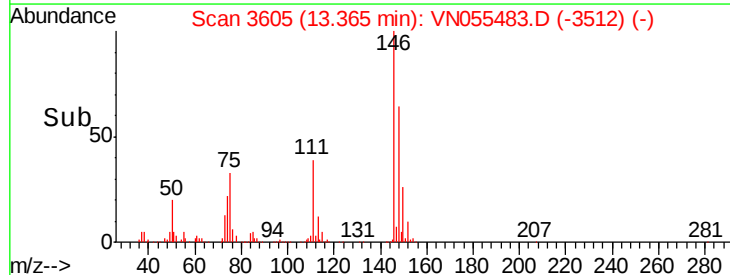
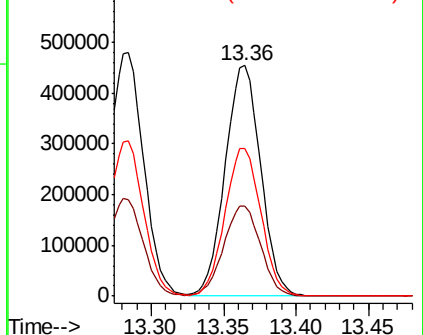
148 65.0 32.5 97.4

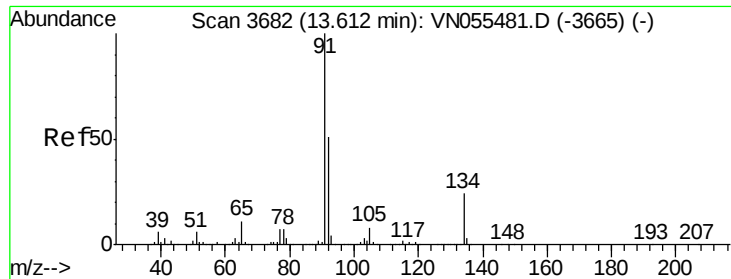


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.805 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

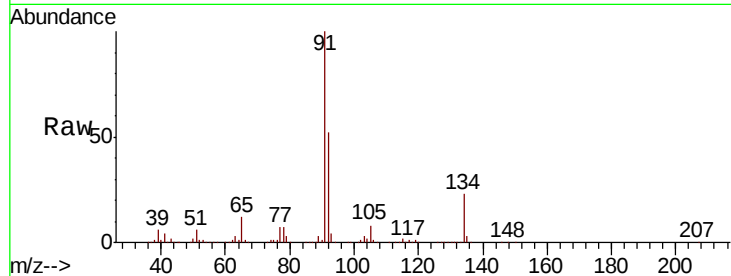
Tot Ion: 91 Resp: 1409150

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.7

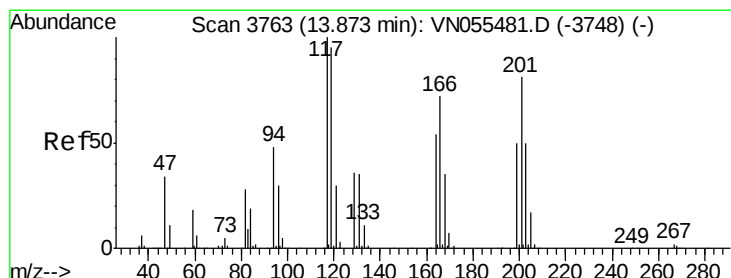
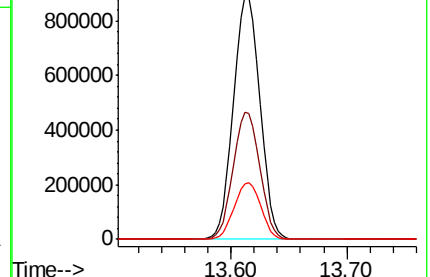
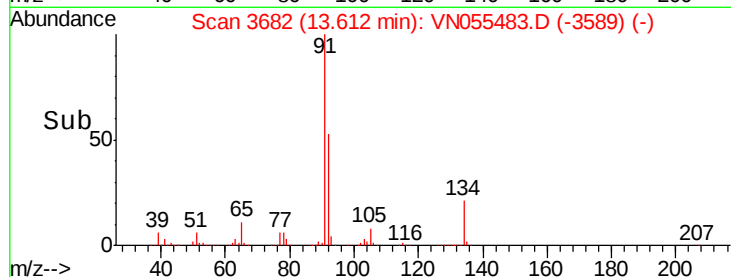
134 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN055483.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055483.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055483.D (-3682) (-)



#90

Hexachloroethane

Concen: 46.150 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055483.D

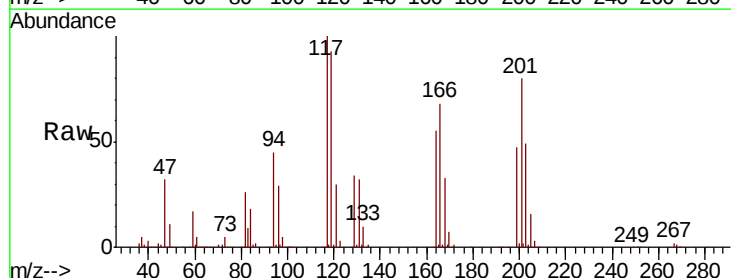
Acq: 8 May 2019 19:30

Tgt Ion: 117 Resp: 269384

Ion Ratio Lower Upper

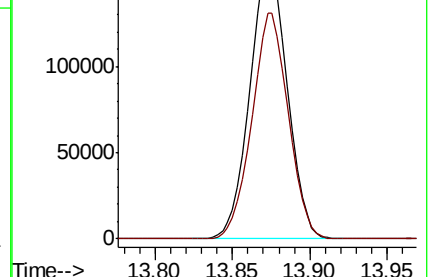
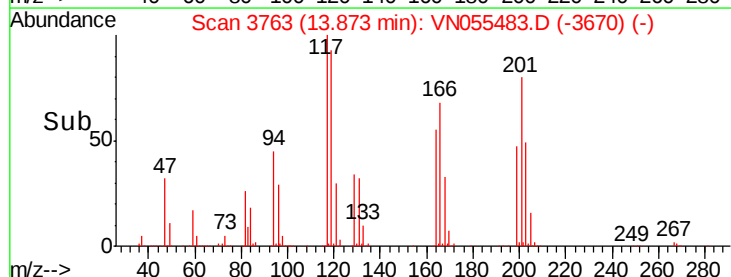
117 100

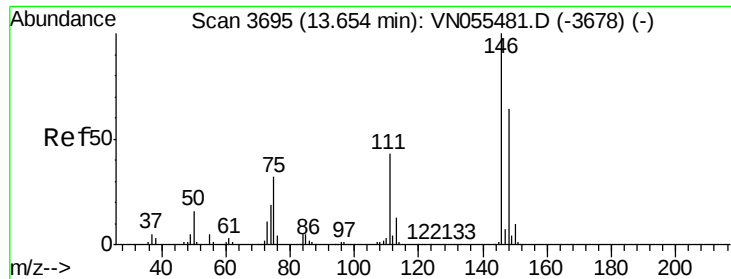
201 79.6 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN055483.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055483.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 48.806 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

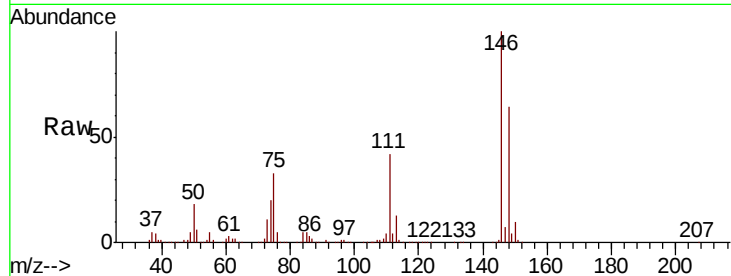
Tot Ion:146 Resp: 801654

Ion Ratio Lower Upper

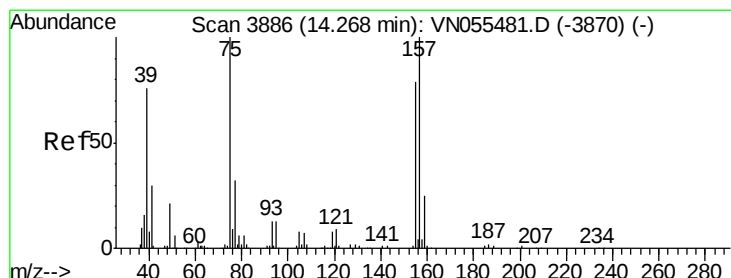
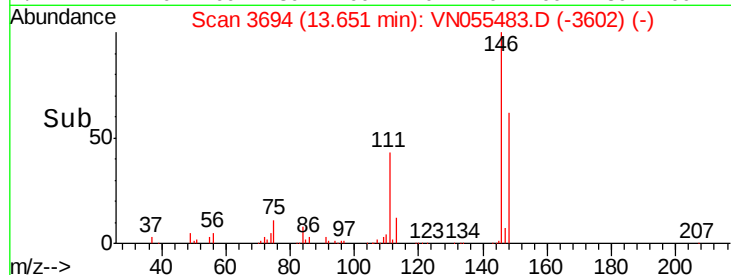
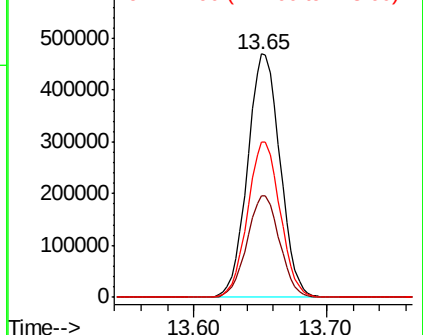
146 100

111 41.9 21.3 63.7

148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.041 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

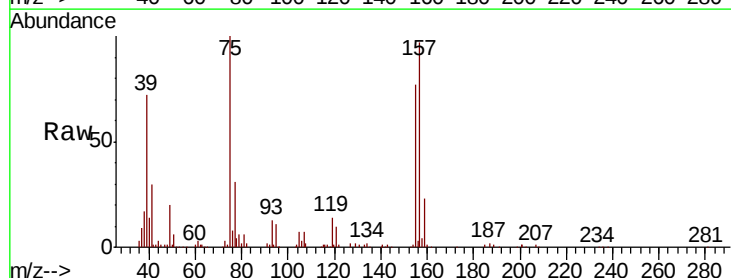
Tgt Ion: 75 Resp: 113273

Ion Ratio Lower Upper

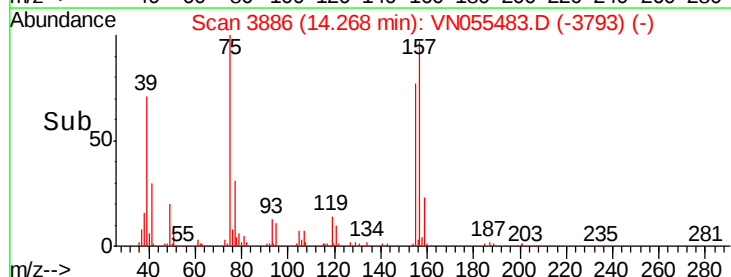
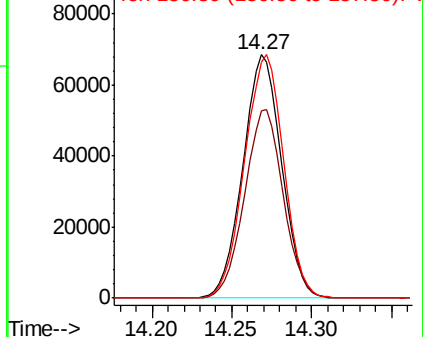
75 100

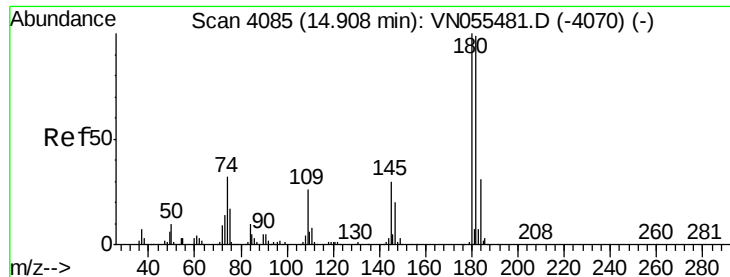
155 77.5 39.3 117.8

157 101.2 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

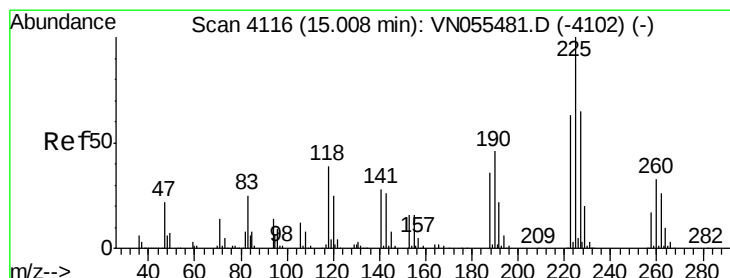
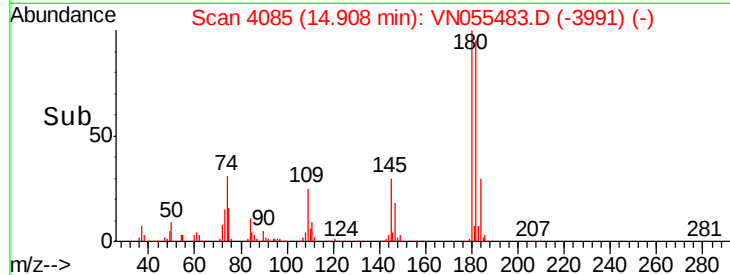
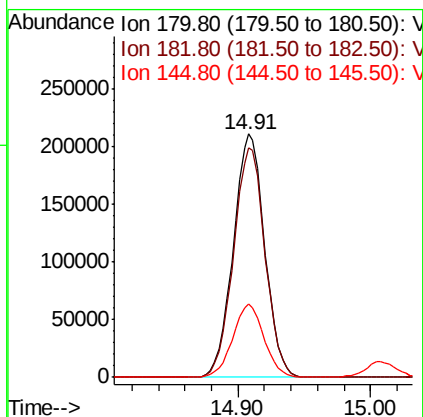
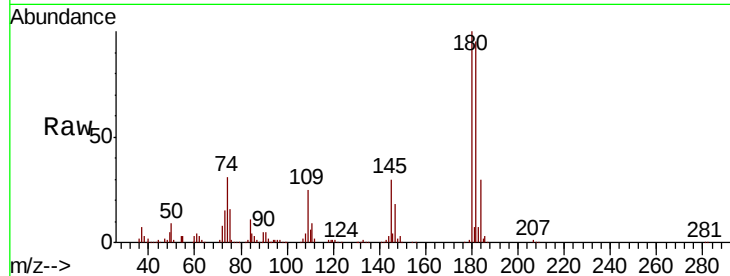




#93
 1,2,4-Trichlorobenzene
 Concen: 48.325 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

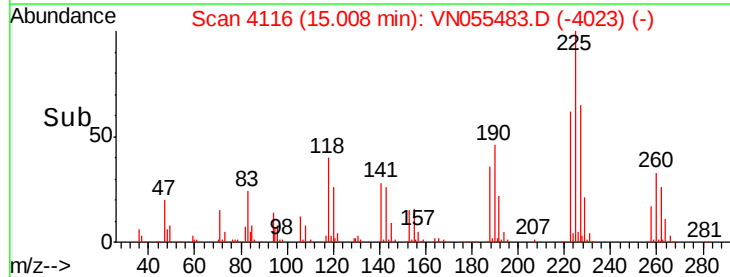
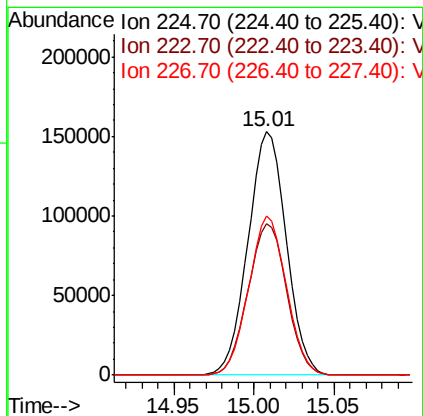
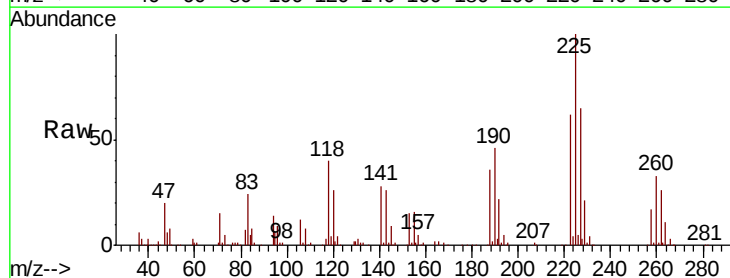
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050819

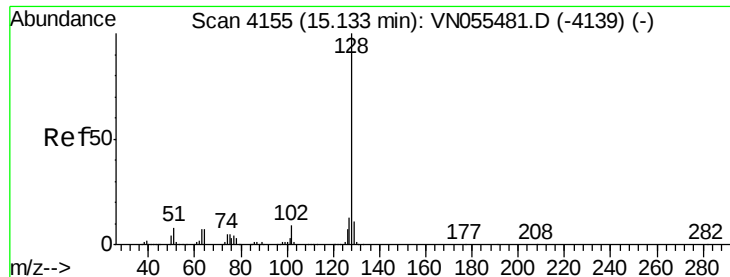
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.7	146.1
145	30.1	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 51.924 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055483.D
 Acq: 8 May 2019 19:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.3
227	64.4	32.0	96.0





#95

Naphthalene

Concen: 49.469 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050819

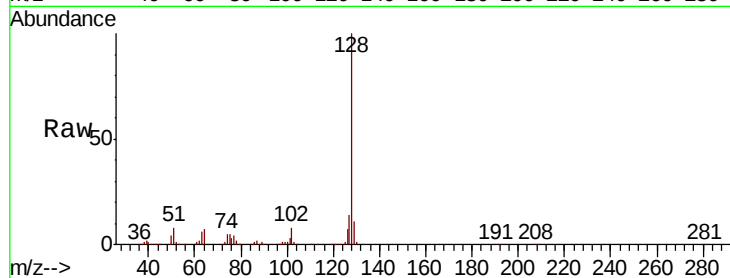
Tot Ion:128 Resp: 994743

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

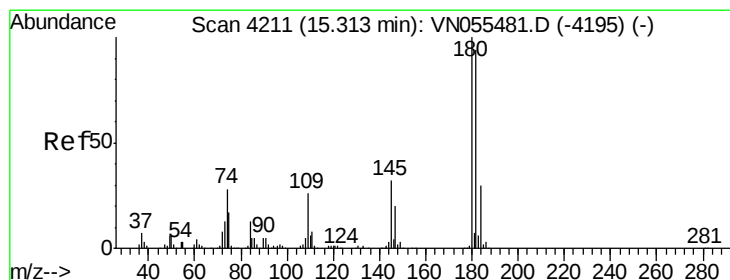
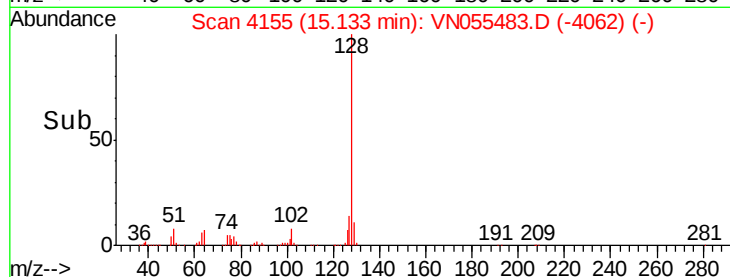
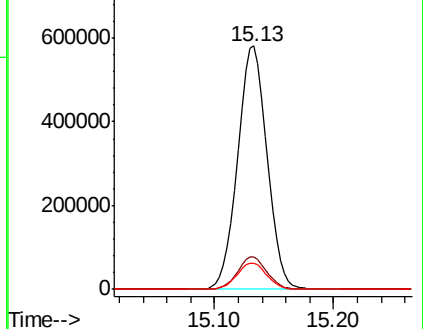
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.872 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055483.D

Acq: 8 May 2019 19:30

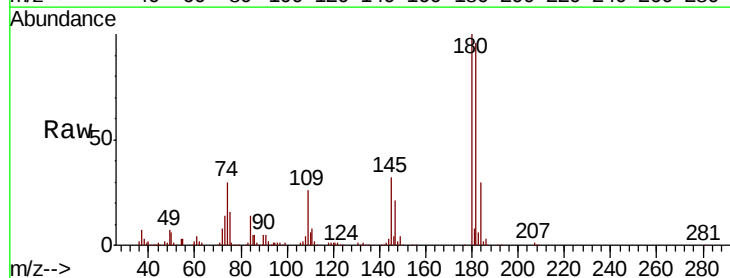
Tgt Ion:180 Resp: 378041

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 31.7 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

