

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055485.D
 Acq On : 9 May 2019 10:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:09:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	742063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1260772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1101192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	467367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	533950	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.59	113	407200	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.09	98	1620398	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.40	95	558765	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	351987	46.590	ug/l	100
3) Chloromethane	2.06	50	549705	44.786	ug/l	99
4) Vinyl Chloride	2.19	62	542102	46.788	ug/l	99
5) Bromomethane	2.54	94	306208	48.236	ug/l	97
6) Chloroethane	2.69	64	328553	48.684	ug/l	99
7) Trichlorofluoromethane	3.01	101	619314	48.724	ug/l	100
8) Diethyl Ether	3.41	74	265569	46.522	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	391689	48.435	ug/l	99
10) Methyl Iodide	3.95	142	546611	50.010	ug/l	100
11) Tert butyl alcohol	4.81	59	327541	198.545	ug/l	99
12) 1,1-Dichloroethene	3.73	96	391458	48.267	ug/l	98
13) Acrolein	3.61	56	268029	243.780	ug/l	99
14) Allyl chloride	4.32	41	774381	46.611	ug/l	100
15) Acrylonitrile	4.99	53	1137299	222.639	ug/l	99
16) Acetone	3.82	43	1232698	238.275	ug/l	98
17) Carbon Disulfide	4.05	76	1098092	49.608	ug/l	99
18) Methyl Acetate	4.33	43	466171	42.780	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1243683	46.149	ug/l	99
20) Methylene Chloride	4.55	84	474949	44.896	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	424717	48.300	ug/l	98
22) Diisopropyl ether	5.96	45	1640136	48.581	ug/l	99
23) Vinyl Acetate	5.90	43	6305057	241.488	ug/l	100
24) 1,1-Dichloroethane	5.85	63	852902	46.799	ug/l	99
25) 2-Butanone	6.84	43	1652801	231.275	ug/l	99
26) 2,2-Dichloropropane	6.82	77	559727	49.267	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	489323	48.150	ug/l	99
28) Bromochloromethane	7.19	49	458152	48.408	ug/l	99
29) Tetrahydrofuran	7.22	42	1028511	217.702	ug/l	100
30) Chloroform	7.37	83	803146	47.671	ug/l	98
31) Cyclohexane	7.65	56	838718	46.513	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	622731	48.537	ug/l	100
36) 1,1-Dichloropropene	7.79	75	638837	51.433	ug/l	99
37) Ethyl Acetate	6.93	43	626352	46.229	ug/l	99
38) Carbon Tetrachloride	7.77	117	515746	49.312	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	766676	50.625	ug/l	99
40) Benzene	8.04	78	1897529	49.224	ug/l	100
41) Methacrylonitrile	7.18	41	308944	49.128	ug/l	99
42) 1,2-Dichloroethane	8.12	62	640657	47.304	ug/l	99
43) Isopropyl Acetate	8.17	43	970070	47.127	ug/l	98
44) Trichloroethene	8.83	130	453207	49.410	ug/l	97
45) 1,2-Dichloropropane	9.12	63	531726	48.208	ug/l	98
46) Dibromomethane	9.21	93	308079	48.188	ug/l	99
47) Bromodichloromethane	9.40	83	611196	49.972	ug/l	99
48) Methyl methacrylate	9.20	41	471425	47.534	ug/l	100
49) 1,4-Dioxane	9.20	88	172783	893.869	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3077345	227.313	ug/l	100
52) Toluene	10.16	92	1125568	51.073	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	615571	52.403	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	733831	52.279	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	436379	48.871	ug/l	99
56) Ethyl methacrylate	10.43	69	635364	47.838	ug/l	99
57) 1,3-Dichloropropane	10.71	76	771677	48.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	911786	206.238	ug/l	100
59) 2-Hexanone	10.75	43	2163138	227.839	ug/l	100
60) Dibromochloromethane	10.90	129	421628	51.935	ug/l	100
61) 1,2-Dibromoethane	11.00	107	424562	49.487	ug/l	99
64) Tetrachloroethene	10.63	164	447962	49.646	ug/l	99
65) Chlorobenzene	11.43	112	1129224	49.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	397013	50.902	ug/l	99
67) Ethyl Benzene	11.51	91	2138663	50.262	ug/l	100
68) m/p-Xylenes	11.62	106	1586871	103.920	ug/l	99
69) o-Xylene	11.95	106	764042	50.907	ug/l	99
70) Styrene	11.96	104	1287873	53.560	ug/l	99
71) Bromoform	12.13	173	277224	52.673	ug/l #	99
73) Isopropylbenzene	12.25	105	2038080	53.038	ug/l	99
74) N-amyl acetate	12.07	43	792499	44.663	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	601778	47.925	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	751923	59.098	ug/l #	100
77) Bromobenzene	12.53	156	463435	44.994	ug/l	98
78) n-propylbenzene	12.59	91	2388737	47.653	ug/l	100
79) 2-Chlorotoluene	12.67	91	1425097	45.617	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1760335	47.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	159658	46.302	ug/l	98
82) 4-Chlorotoluene	12.77	91	1406757	47.656	ug/l	100
83) tert-Butylbenzene	12.99	119	1446536	45.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1696758	49.497	ug/l	100
85) sec-Butylbenzene	13.17	105	2004706	47.082	ug/l	99
86) p-Isopropyltoluene	13.29	119	1722141	49.697	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	804558	50.552	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	780089	49.665	ug/l	99
89) n-Butylbenzene	13.61	91	1423660	53.002	ug/l	100
90) Hexachloroethane	13.87	117	269078	47.601	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	780933	49.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	97449	45.343	ug/l	96

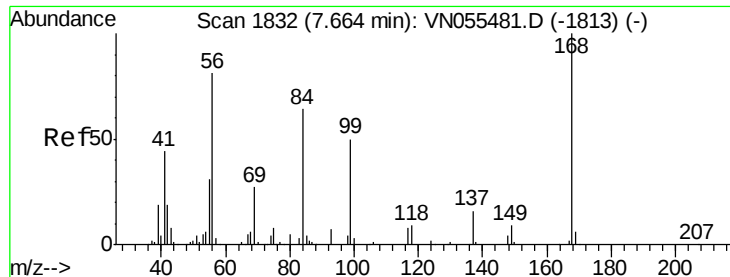
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	318736	46.276	ug/l	97
94) Hexachlorobutadiene	15.01	225	263427	56.254	ug/l	99
95) Naphthalene	15.13	128	783494	40.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	339101	45.446	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

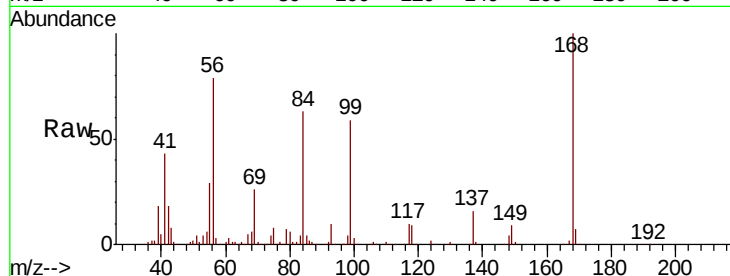
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 742063

Ion Ratio Lower Upper

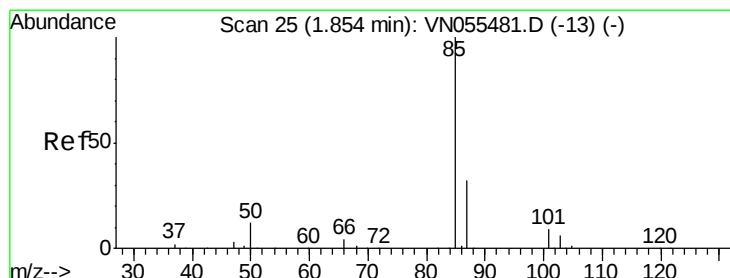
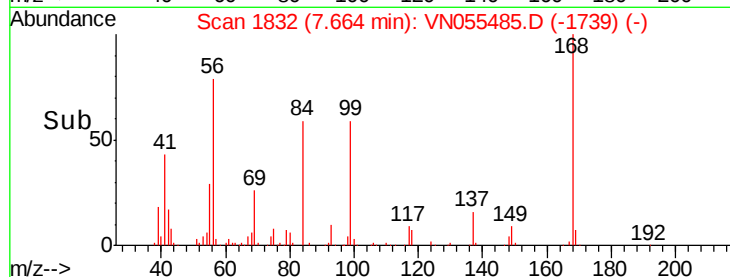
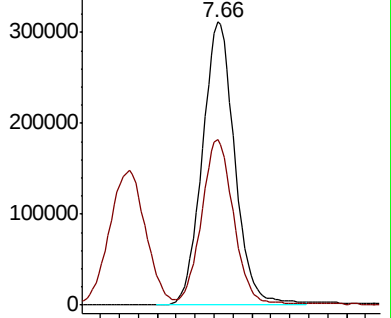
168 100

99 58.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.590 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055485.D

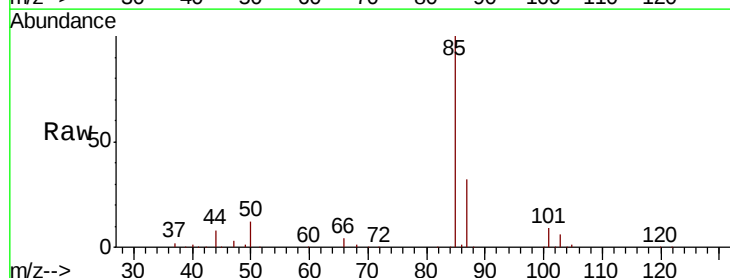
Acq: 9 May 2019 10:03

Tgt Ion: 85 Resp: 351987

Ion Ratio Lower Upper

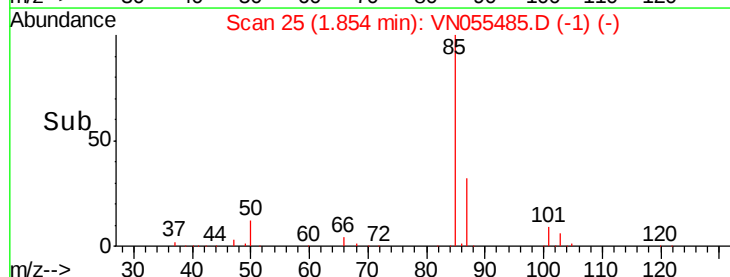
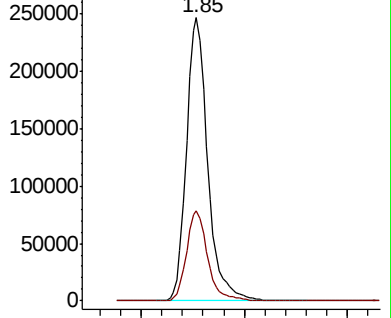
85 100

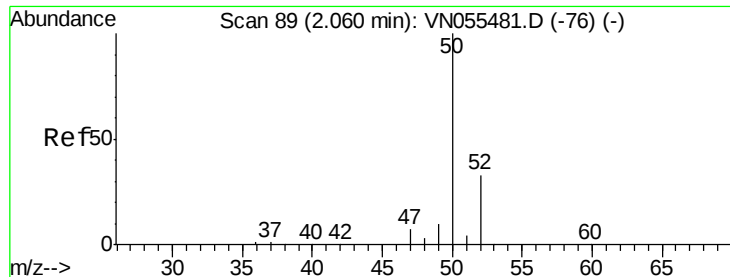
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 44.786 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

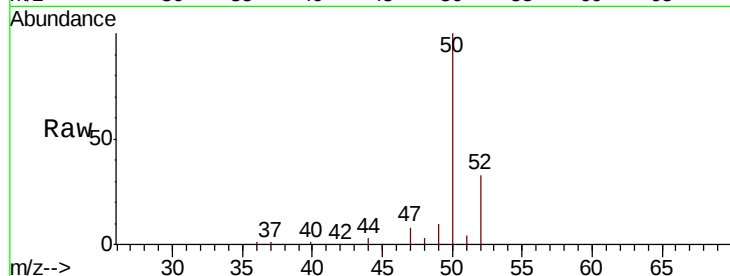
ClientSampleId :

Tot Ion: 50 Resp: 549705

Ion Ratio Lower Upper

50 100

52 32.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

400000

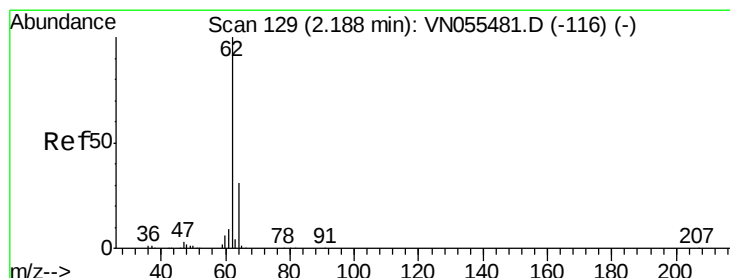
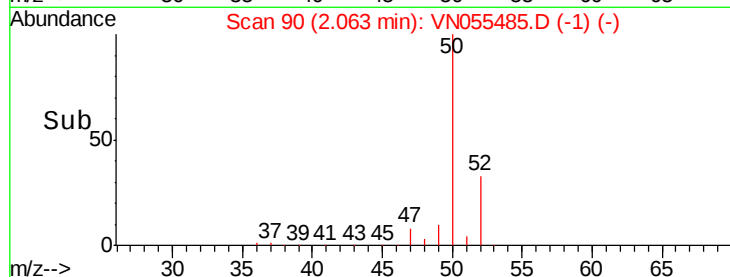
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.788 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055485.D

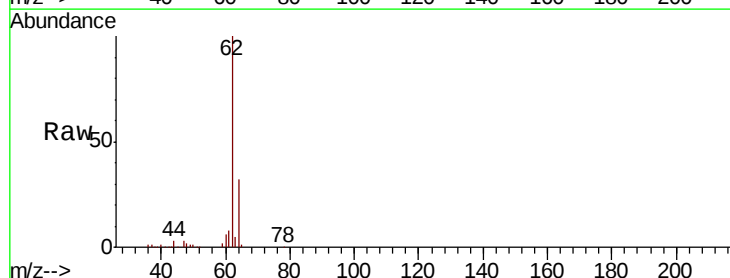
Acq: 9 May 2019 10:03

Tgt Ion: 62 Resp: 542102

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.19

400000

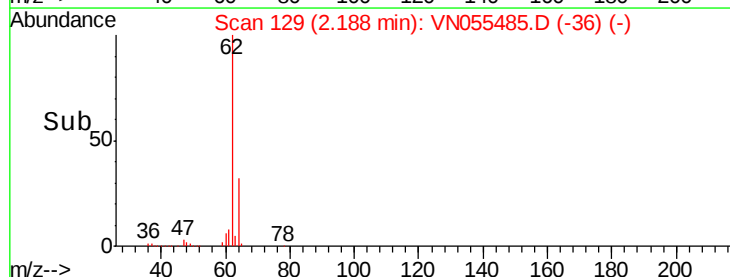
300000

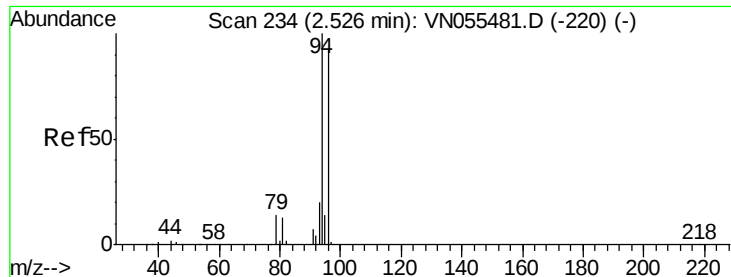
200000

100000

0

Time-->





#5

Bromomethane

Concen: 48.236 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

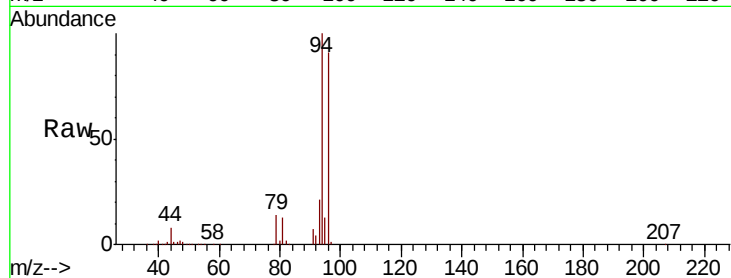
ClientSampled :

Tot Ion: 94 Resp: 306208

Ion Ratio Lower Upper

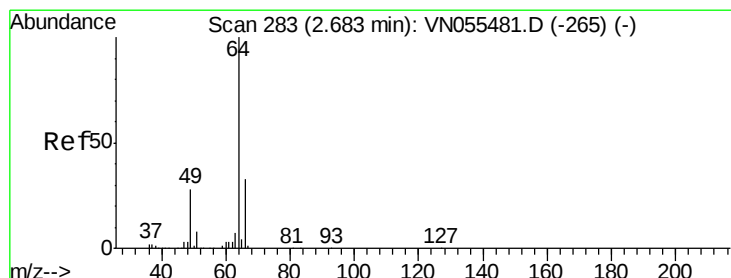
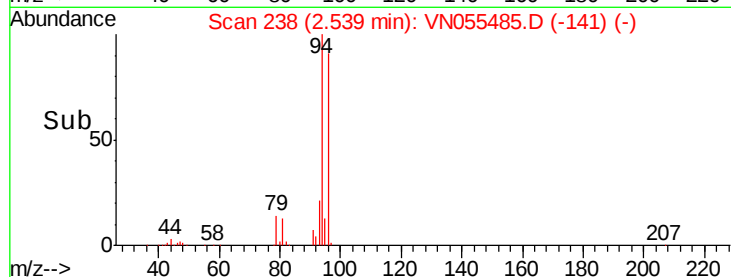
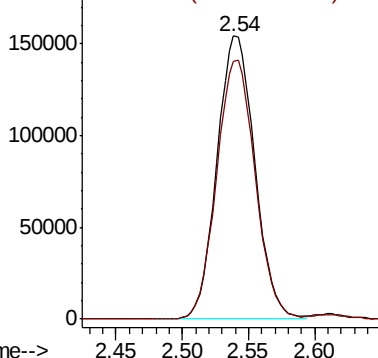
94 100

96 91.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.684 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055485.D

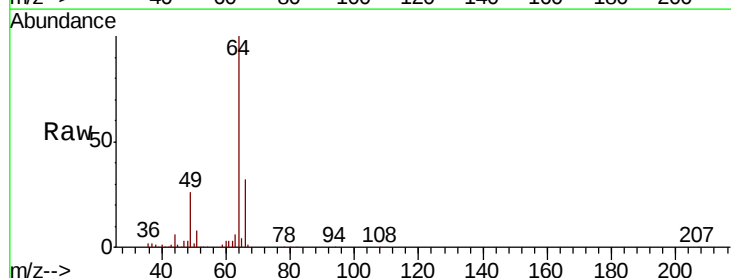
Acq: 9 May 2019 10:03

Tgt Ion: 64 Resp: 328553

Ion Ratio Lower Upper

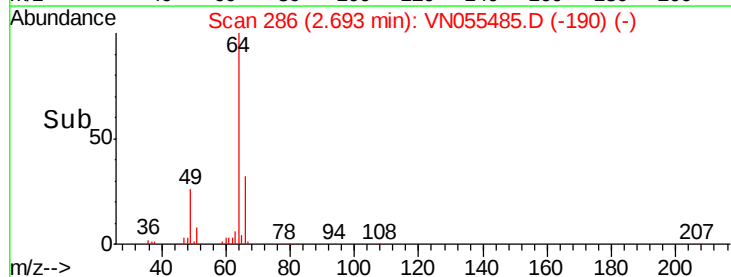
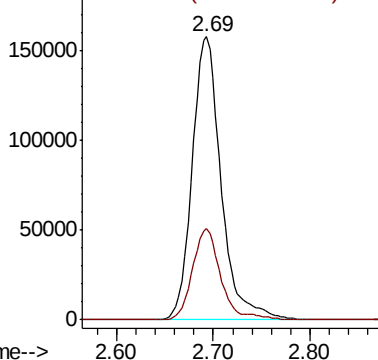
64 100

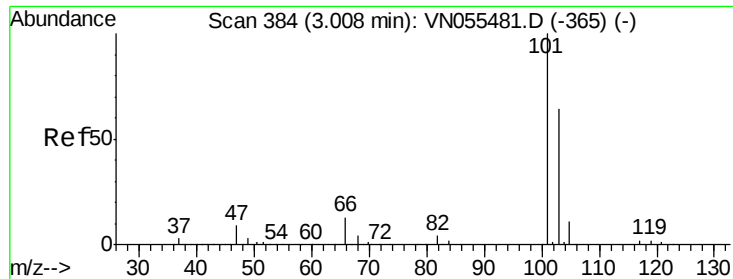
66 32.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



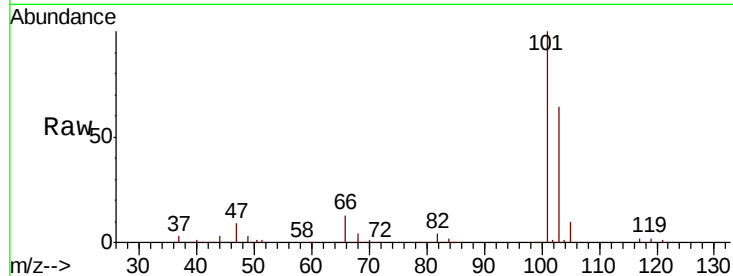


#7

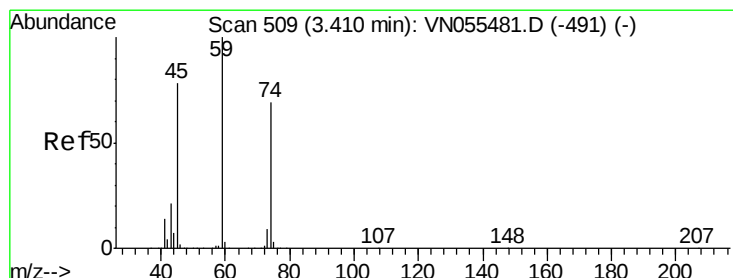
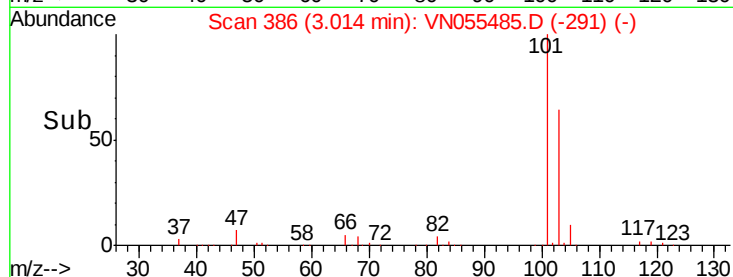
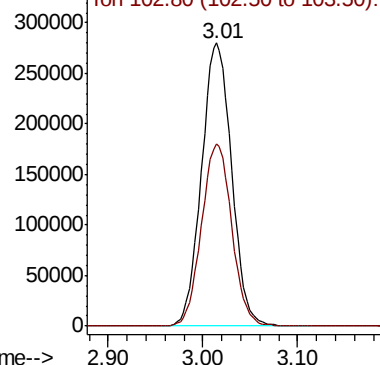
Trichlorofluoromethane
Concen: 48.724 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.01 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 619314
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8



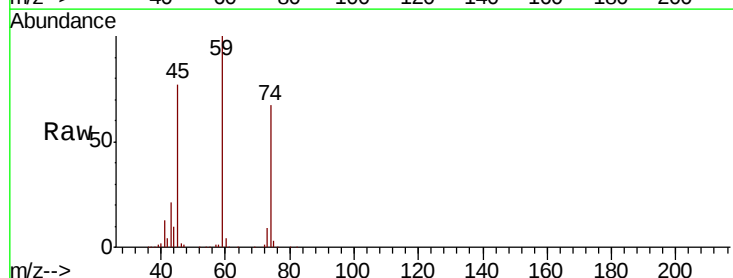
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



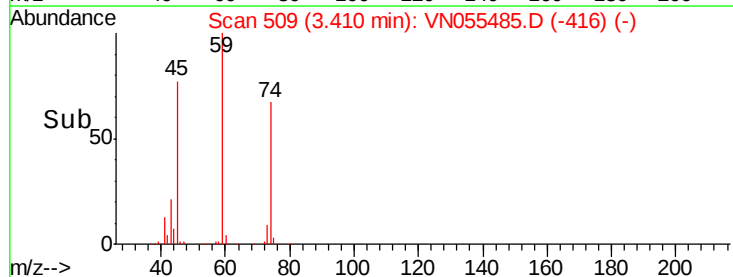
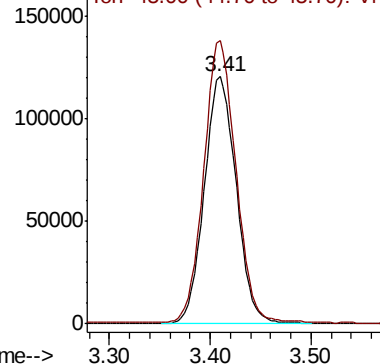
#8

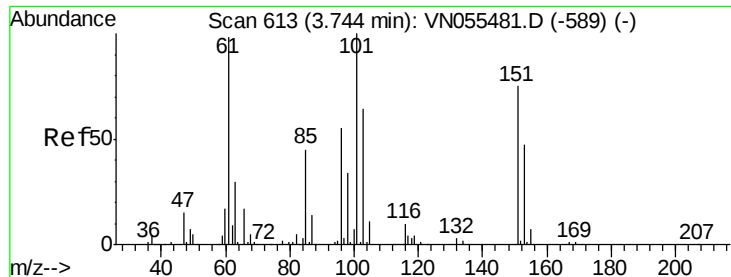
Diethyl Ether
Concen: 46.522 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 74 Resp: 265569
Ion Ratio Lower Upper
74 100
45 114.3 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.435 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampled :

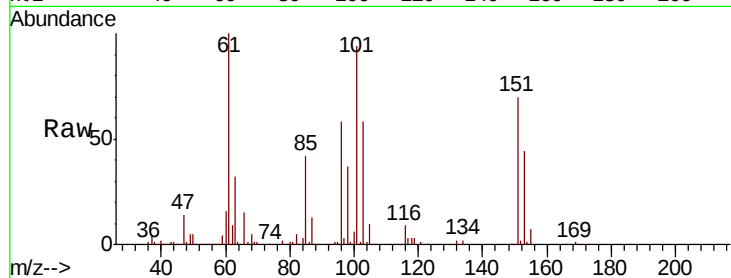
Tot Ion:101 Resp: 391689

Ion Ratio Lower Upper

101 100

85 44.7 35.5 53.3

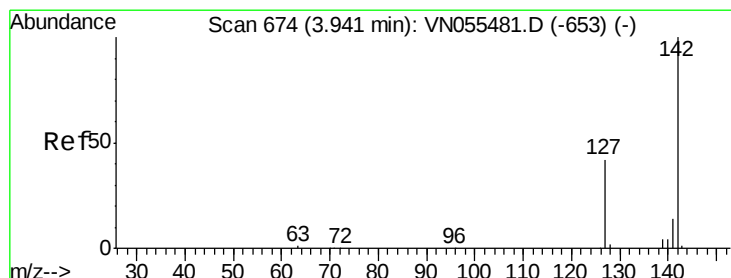
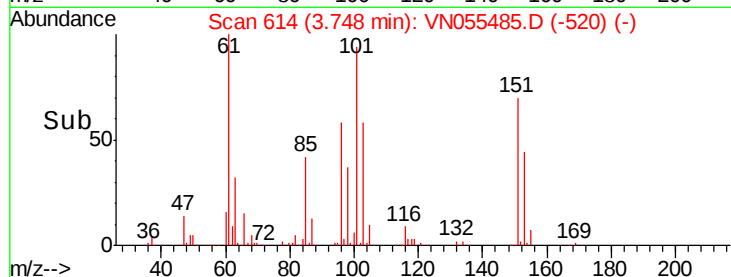
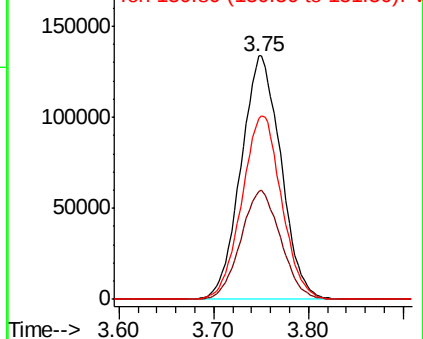
151 75.0 59.2 88.8



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: 50.010 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

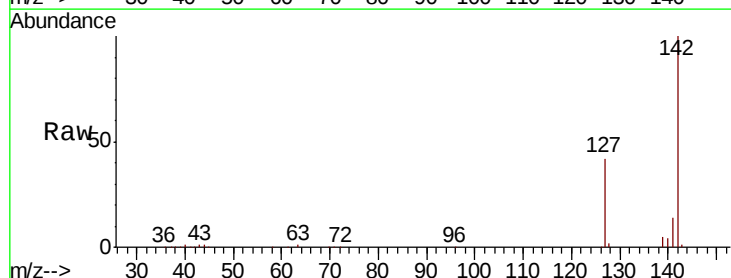
Tgt Ion:142 Resp: 546611

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

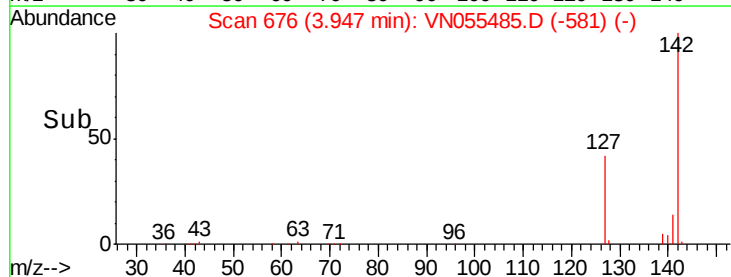
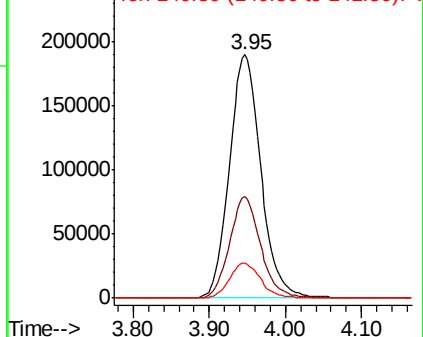
141 14.3 11.4 17.0

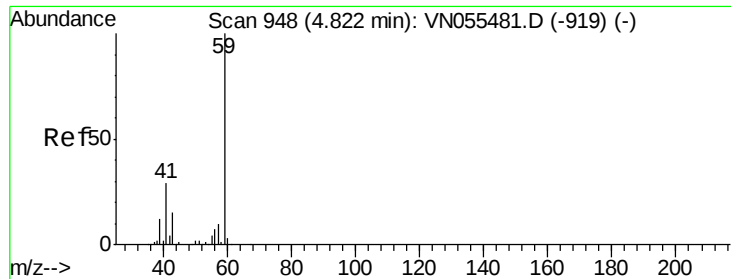


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

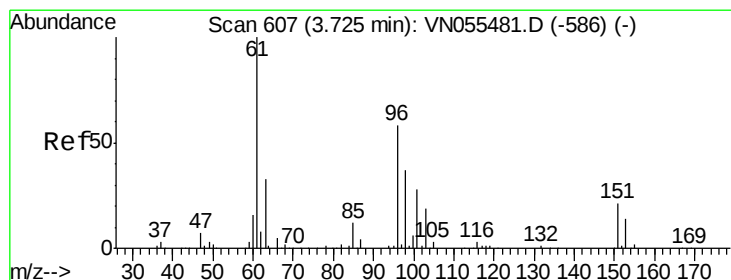
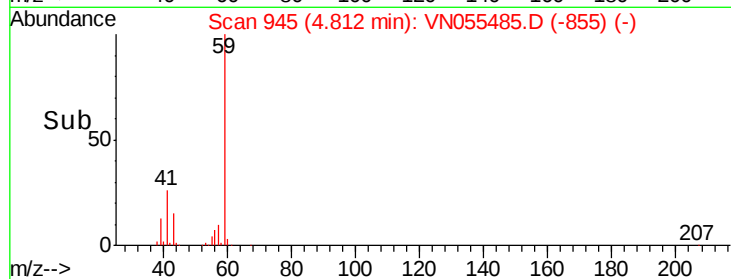
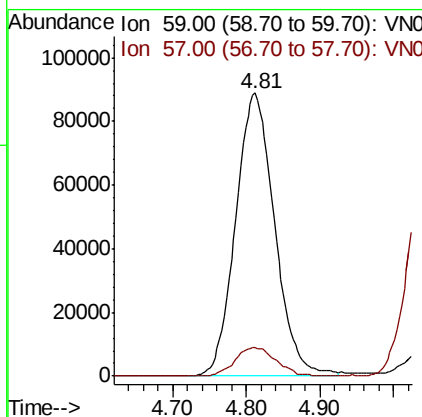
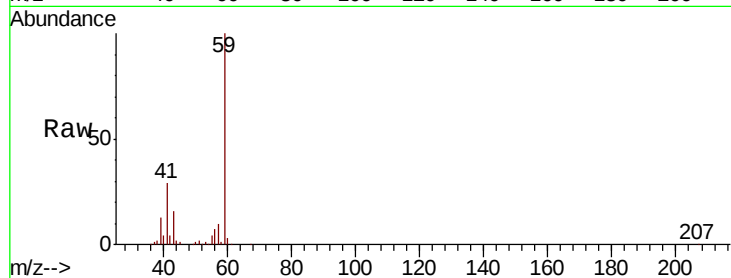




#11
Tert butyl alcohol
Concen: 198.545 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.01 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

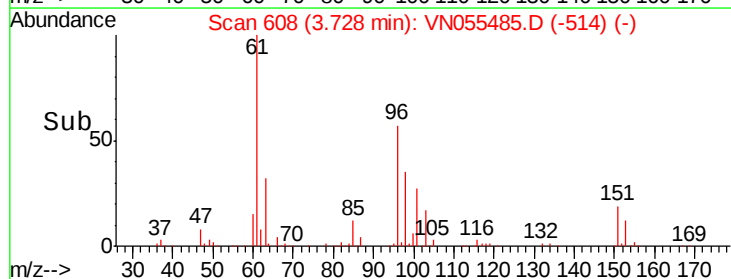
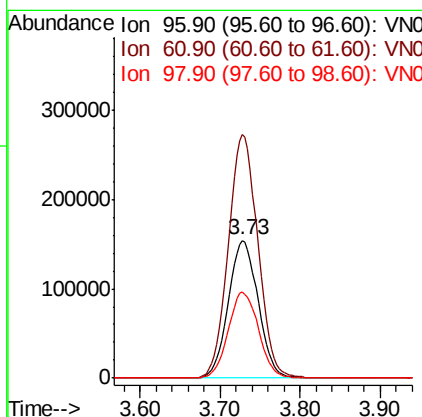
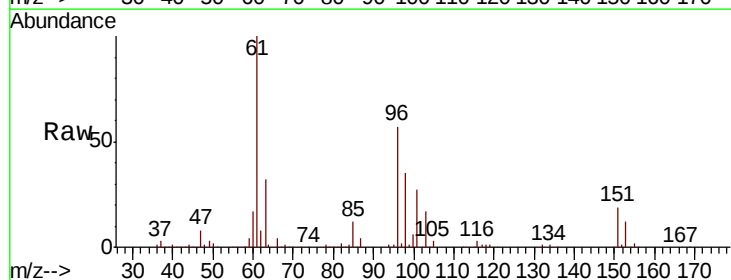
Instrument :
MSVOA_N
ClientSampleId :

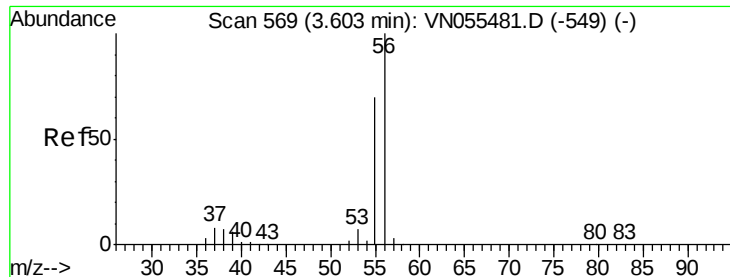
Tot Ion: 59 Resp: 327541
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.267 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 96 Resp: 391458
Ion Ratio Lower Upper
96 100
61 177.0 138.7 208.1
98 62.3 50.6 76.0





#13

Acrolein

Concen: 243.780 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

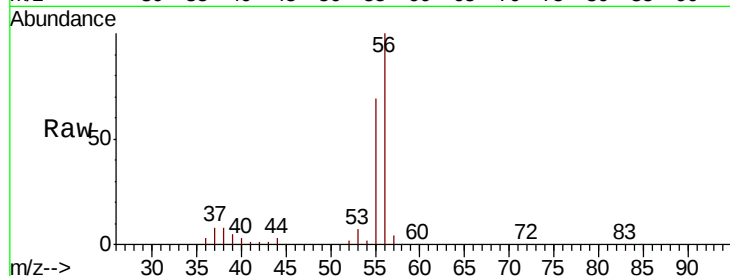
ClientSampled :

Tot Ion: 56 Resp: 268029

Ion Ratio Lower Upper

56 100

55 71.2 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

120000

100000

80000

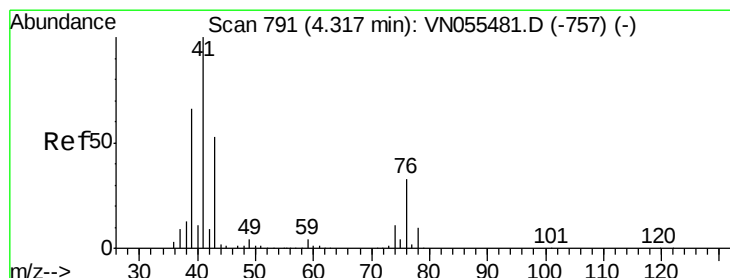
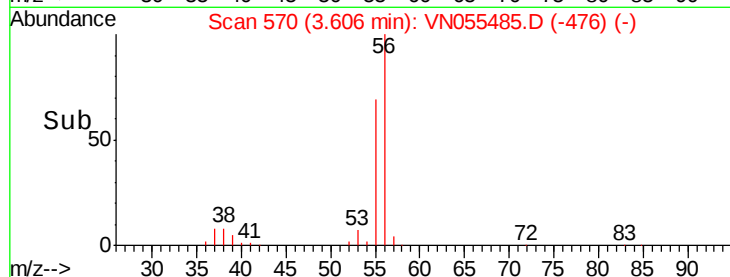
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 46.611 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

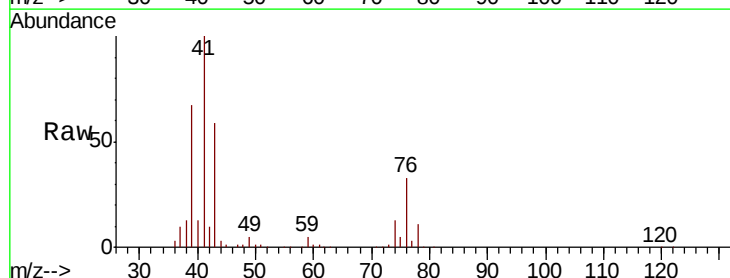
Tgt Ion: 41 Resp: 774381

Ion Ratio Lower Upper

41 100

39 62.6 49.8 74.8

76 29.7 23.5 35.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

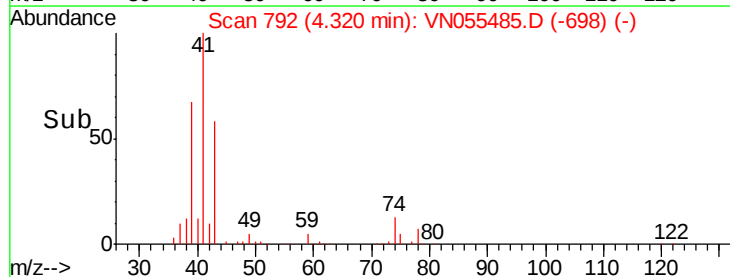
300000

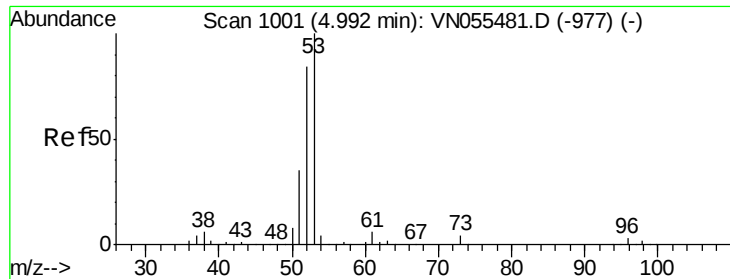
200000

100000

0

Time-->



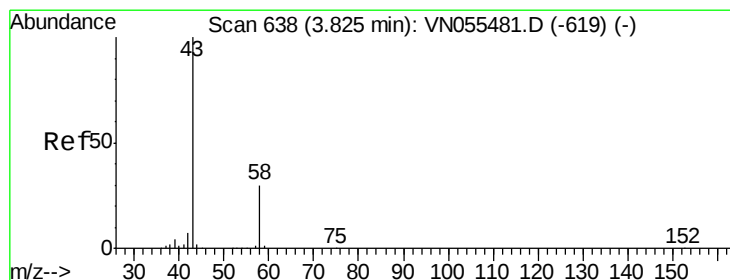
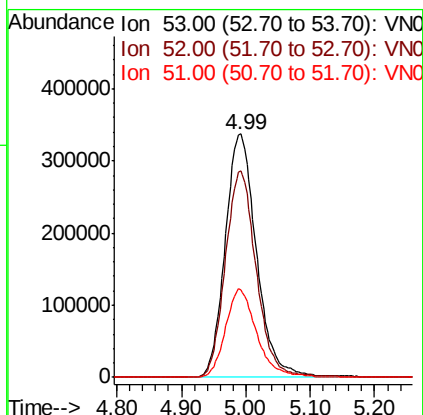
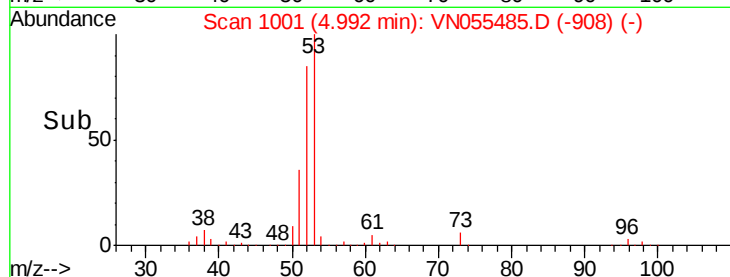
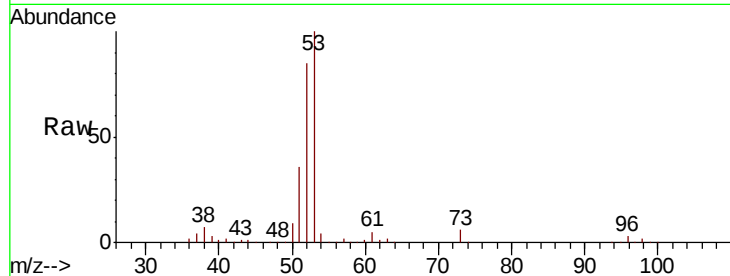


#15
 Acrylonitrile
 Concen: 222.639 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 1137299

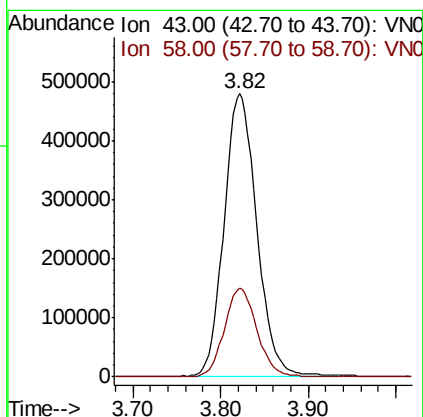
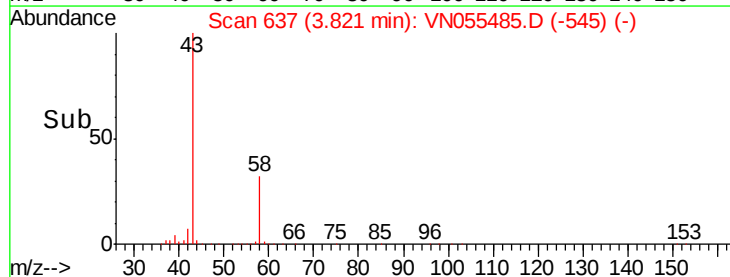
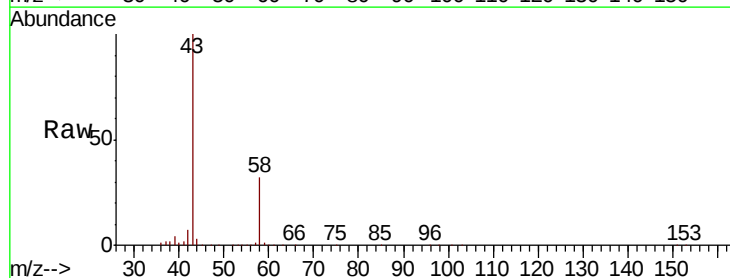
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.1	99.1
51	36.3	28.3	42.5

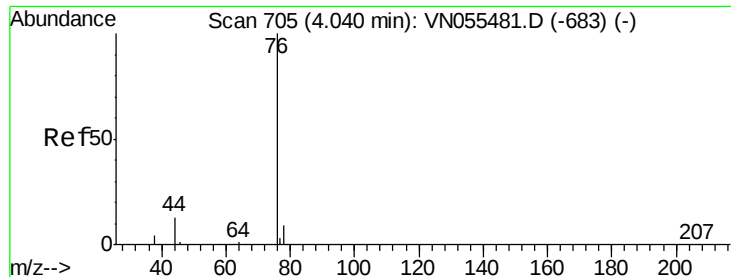


#16
 Acetone
 Concen: 238.275 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion: 43 Resp: 1232698

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.2	36.2

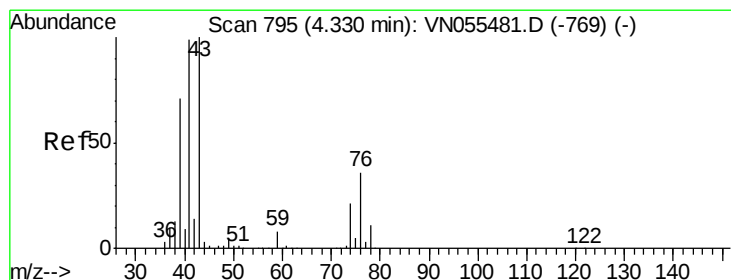
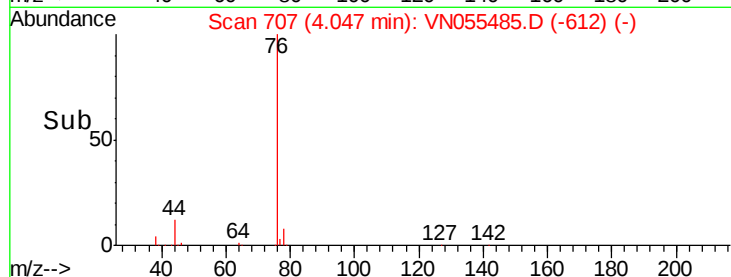
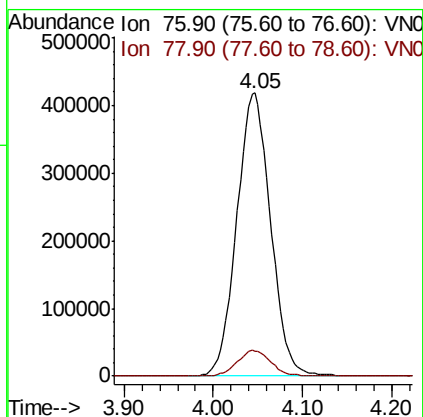
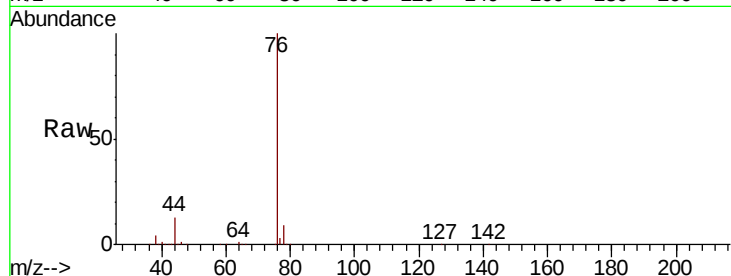




#17
Carbon Disulfide
Concen: 49.608 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

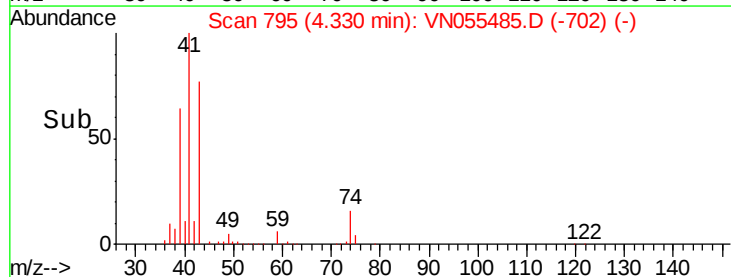
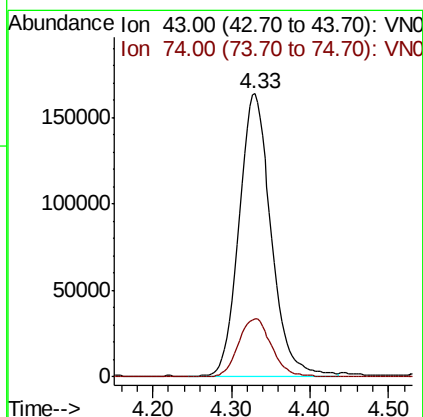
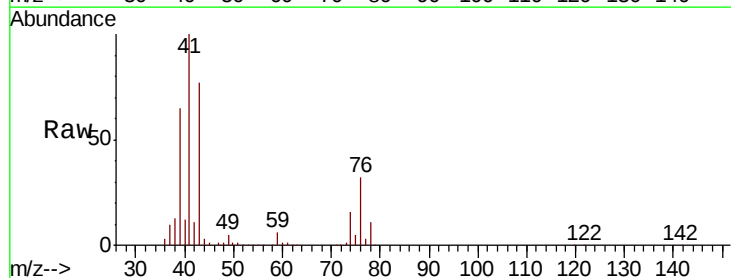
Instrument :
MSVOA_N
ClientSampleId :

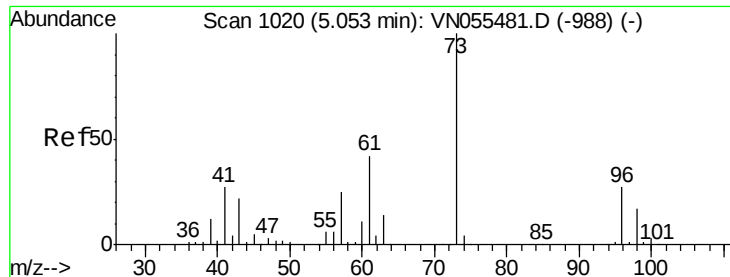
Tot Ion: 76 Resp: 1098092
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 42.780 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 43 Resp: 466171
Ion Ratio Lower Upper
43 100
74 21.5 16.3 24.5

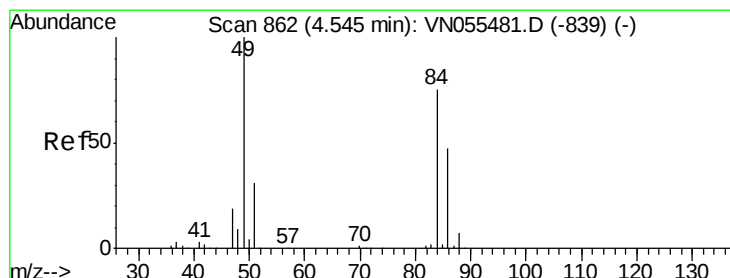
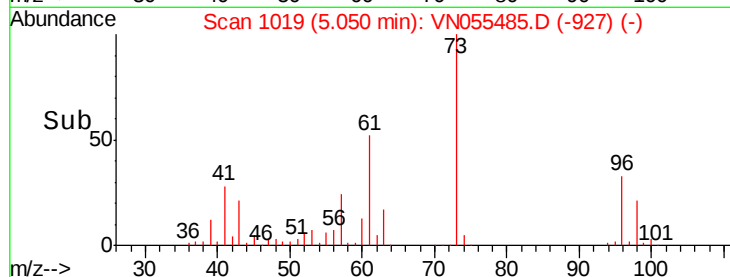
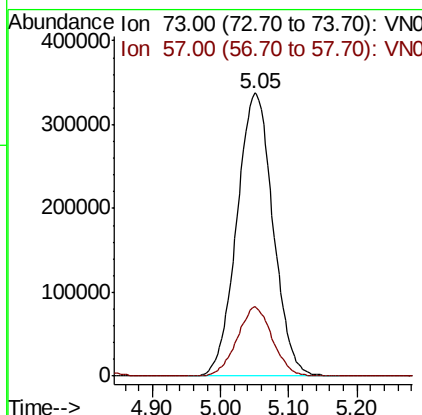
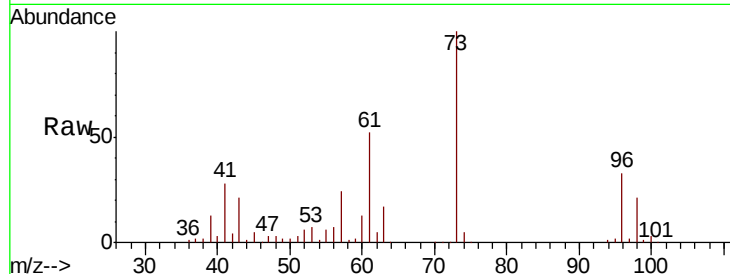




#19
Methvl tert-butvl Ether
Concen: 46.149 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

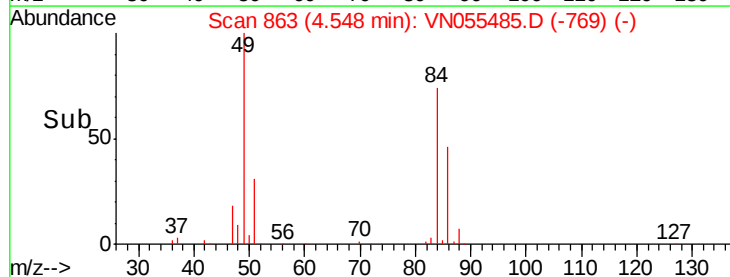
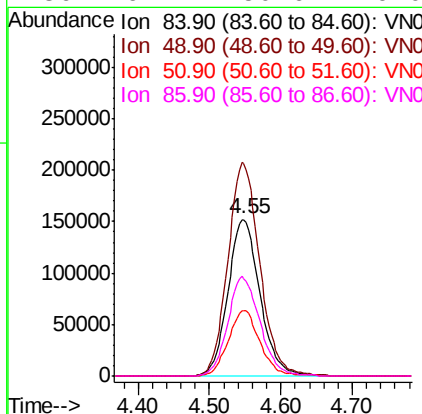
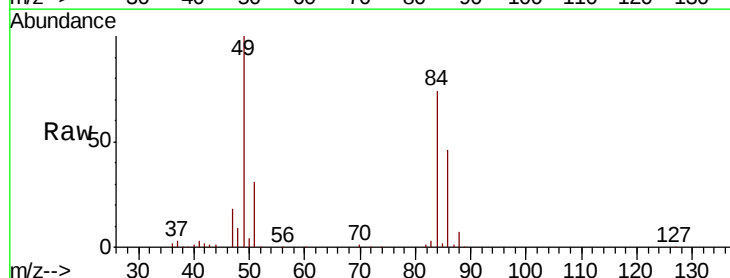
Instrument :
MSVOA_N
ClientSampleId :

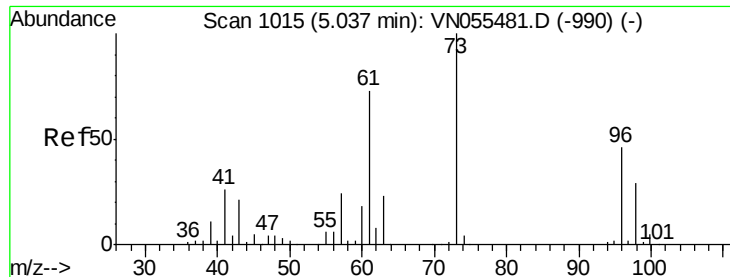
Tot Ion: 73 Resp: 1243683
Ion Ratio Lower Upper
73 100
57 24.3 20.0 30.0



#20
Methylene Chloride
Concen: 44.896 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 84 Resp: 474949
Ion Ratio Lower Upper
84 100
49 136.0 107.0 160.6
51 41.6 33.0 49.4
86 62.4 50.6 76.0

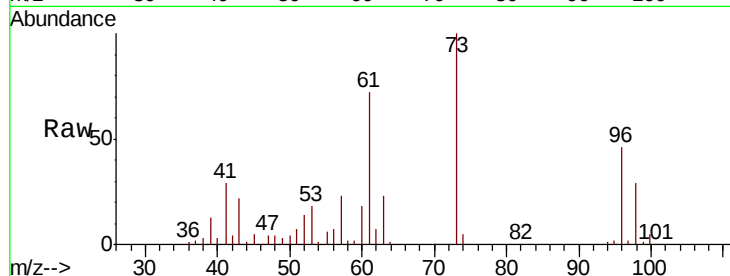




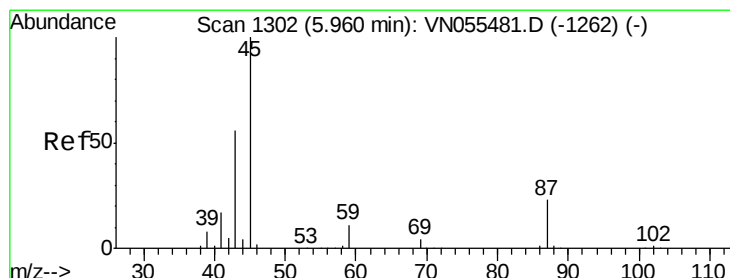
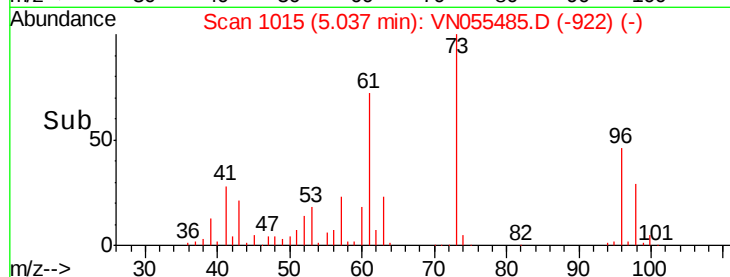
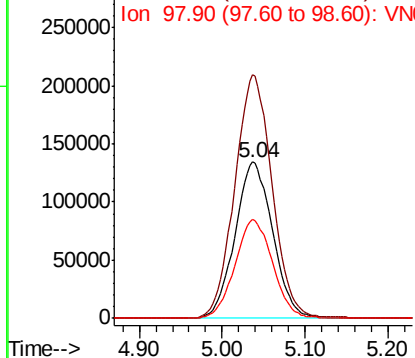
#21
trans-1,2-Dichloroethene
Concen: 48.300 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 424717
Ion Ratio Lower Upper
96 100
61 155.6 127.4 191.0
98 63.3 51.6 77.4

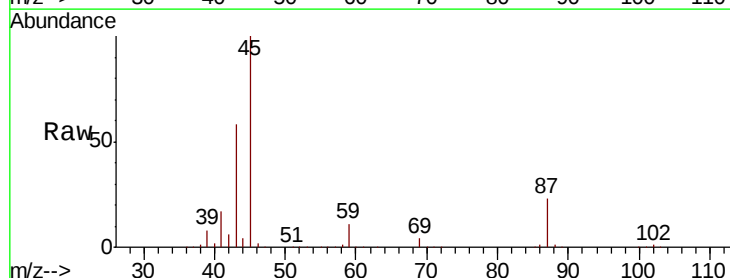


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

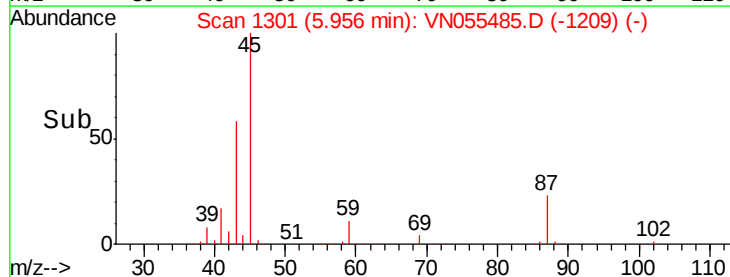
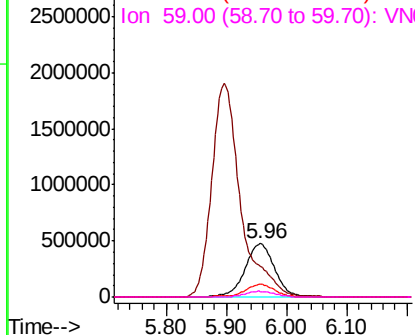


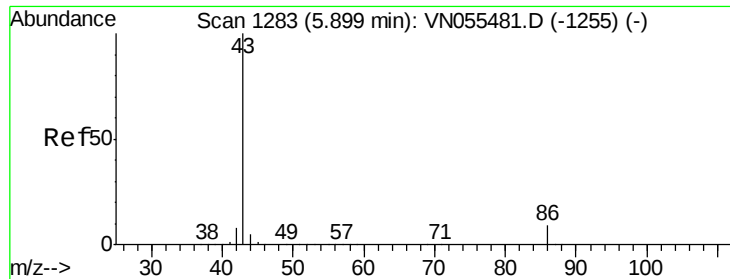
#22
Diisopropyl ether
Concen: 48.581 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 45 Resp: 1640136
Ion Ratio Lower Upper
45 100
43 56.6 44.6 66.8
87 23.4 18.6 28.0
59 10.8 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: 241.488 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

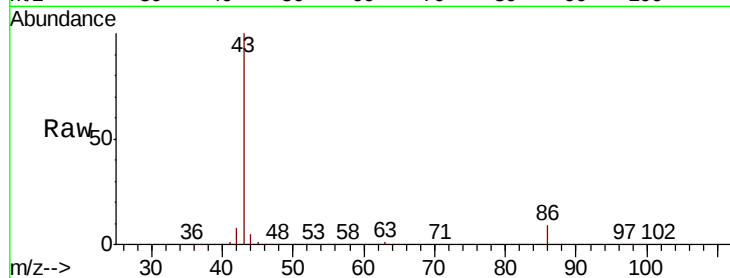
ClientSampled :

Tot Ion: 43 Resp: 6305057

Ion Ratio Lower Upper

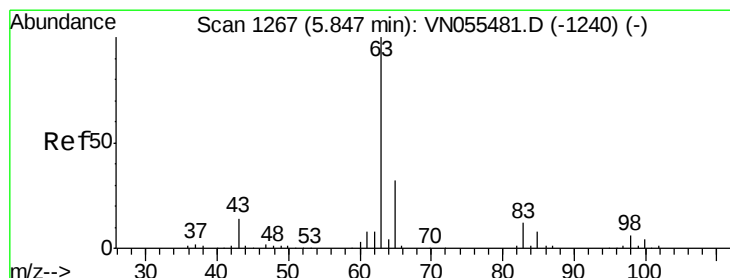
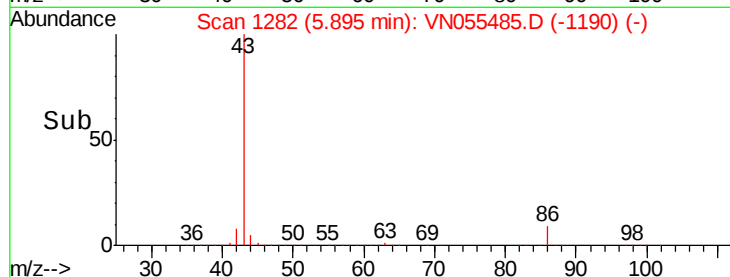
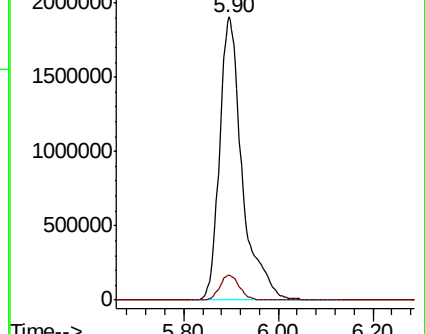
43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.799 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

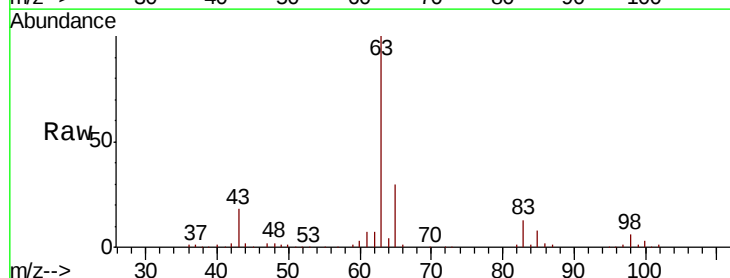
Tgt Ion: 63 Resp: 852902

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

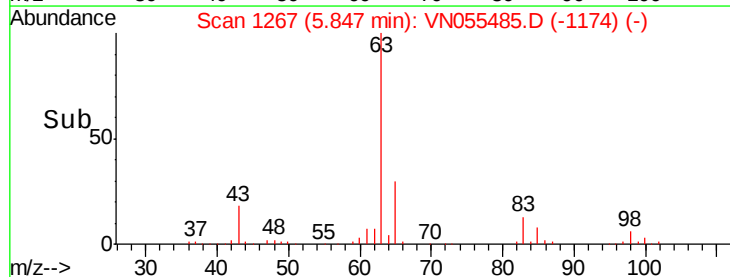
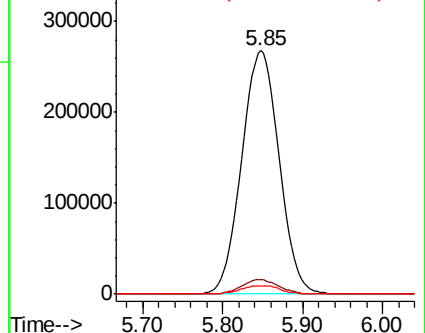
100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 231.275 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.01 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

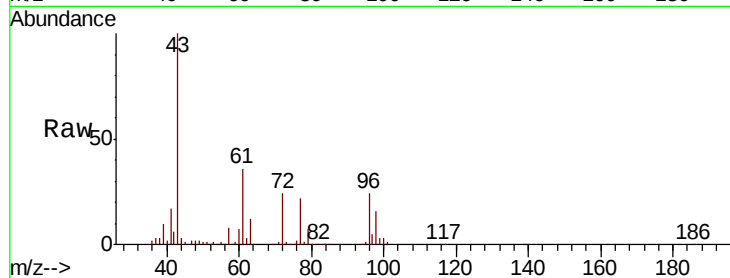
ClientSampled :

Tot Ion: 43 Resp: 1652801

Ion Ratio Lower Upper

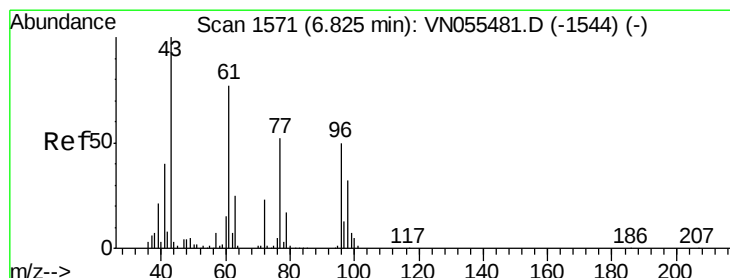
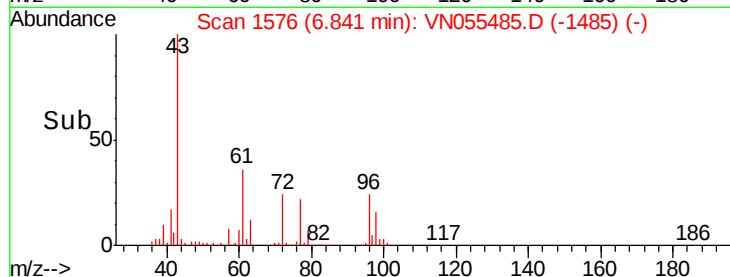
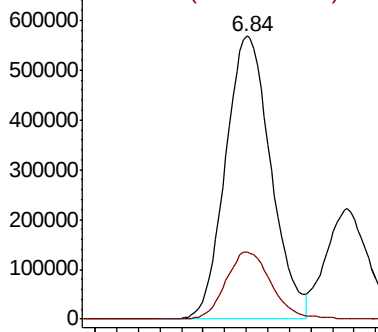
43 100

72 23.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.267 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055485.D

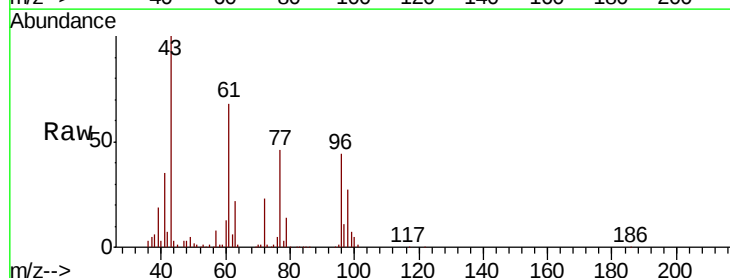
Acq: 9 May 2019 10:03

Tgt Ion: 77 Resp: 559727

Ion Ratio Lower Upper

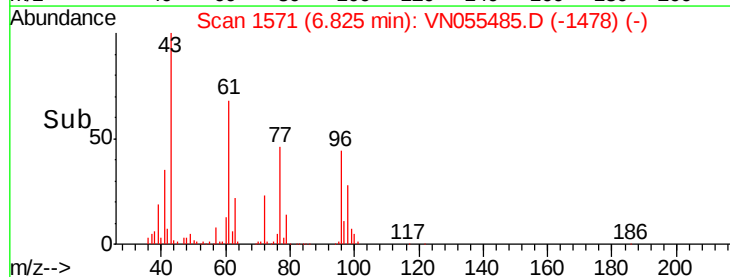
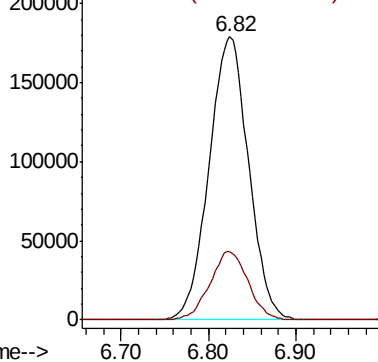
77 100

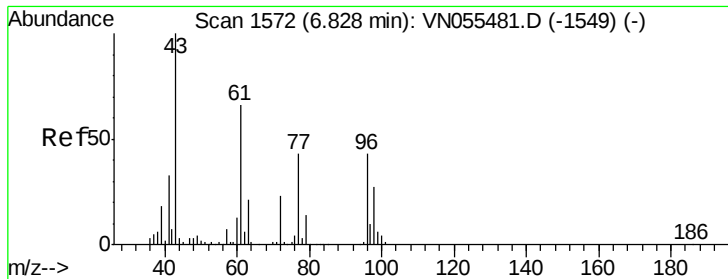
97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.150 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampleId :

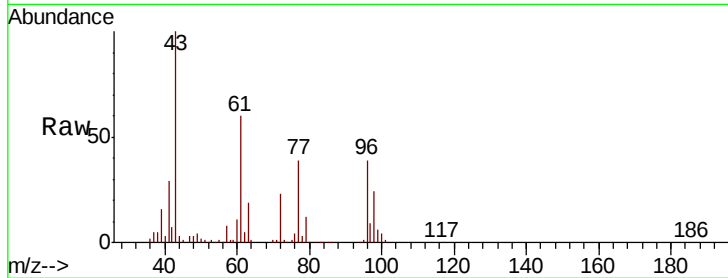
Tot Ion: 96 Resp: 489323

Ion Ratio Lower Upper

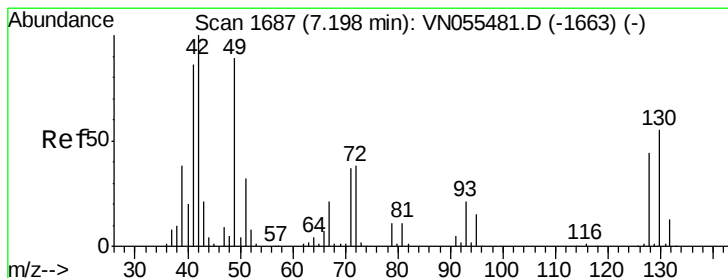
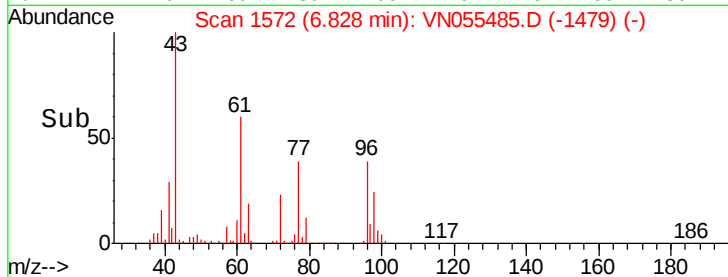
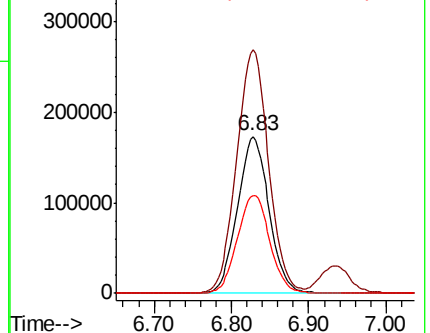
96 100

61 157.4 0.0 310.8

98 64.5 0.0 129.4



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



#28

Bromochloromethane

Concen: 48.408 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

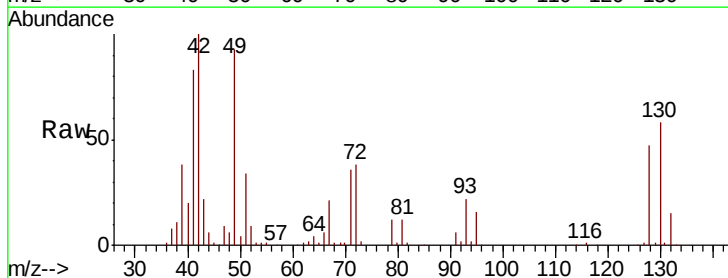
Tgt Ion: 49 Resp: 458152

Ion Ratio Lower Upper

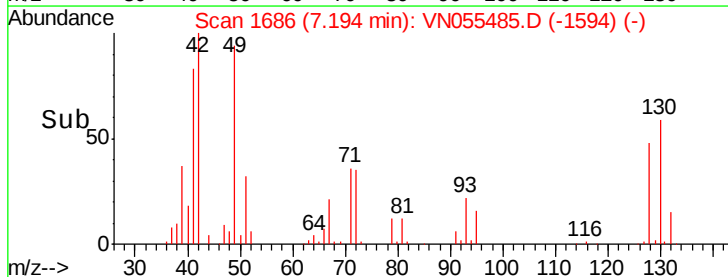
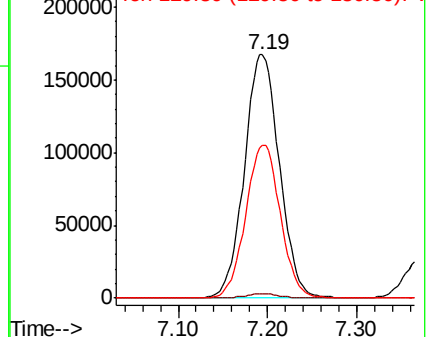
49 100

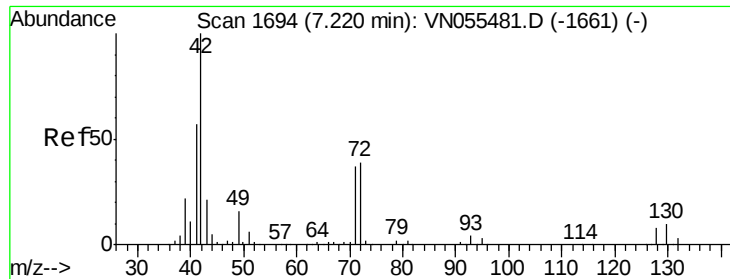
129 1.7 0.0 3.2

130 62.3 49.5 74.3



Abundance Ion 48.90 (48.60 to 49.60): VNO
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

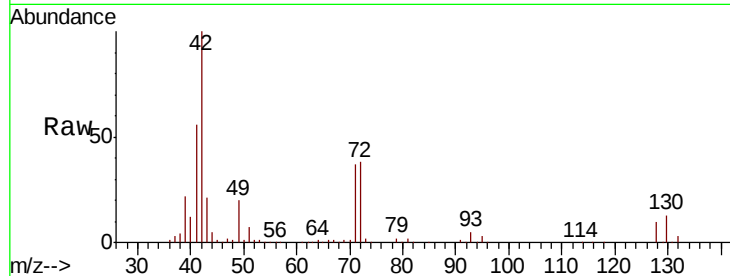




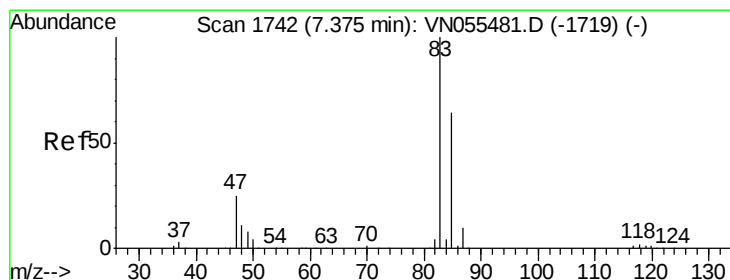
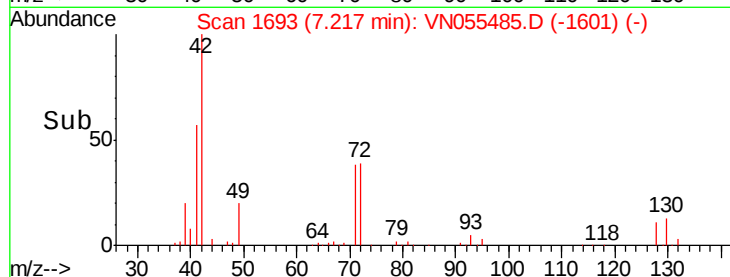
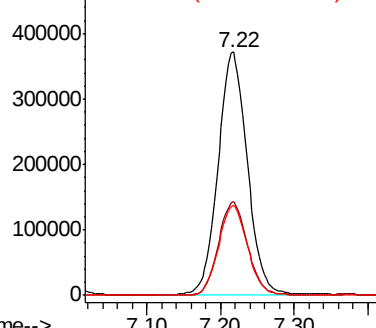
#29
Tetrahydrofuran
Concen: 217.702 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1028511
Ion Ratio Lower Upper
42 100
72 38.3 31.0 46.6
71 36.7 29.4 44.2

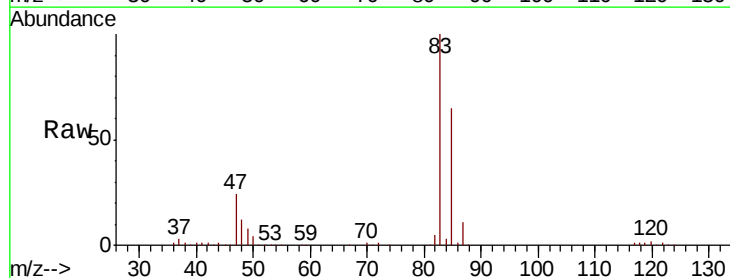


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

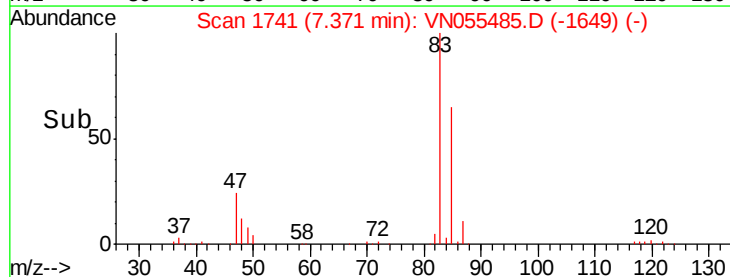
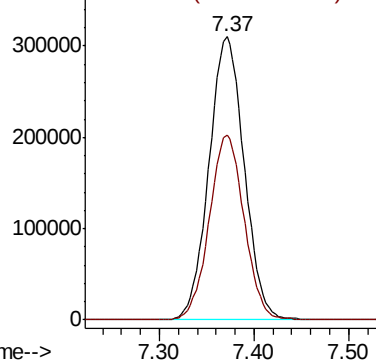


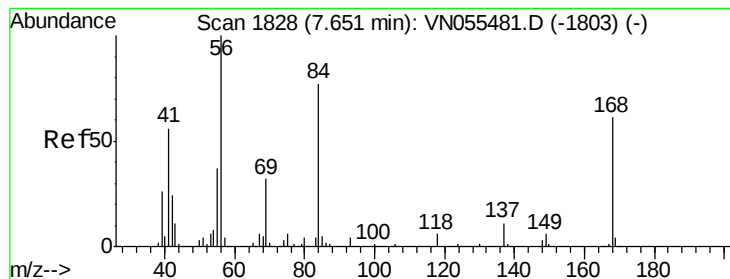
#30
Chloroform
Concen: 47.671 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 83 Resp: 803146
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.513 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

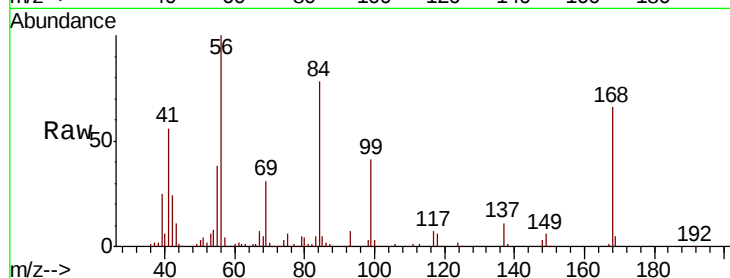
Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 838718

Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.0	39.0
84	76.6	61.9	92.9

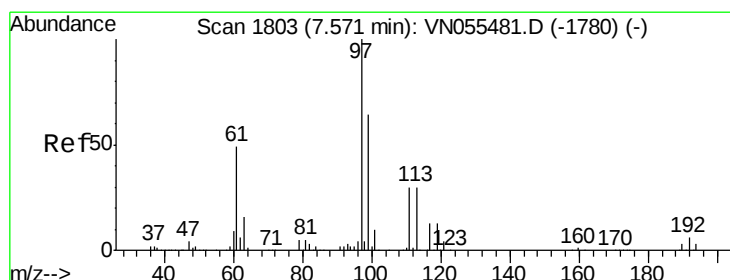
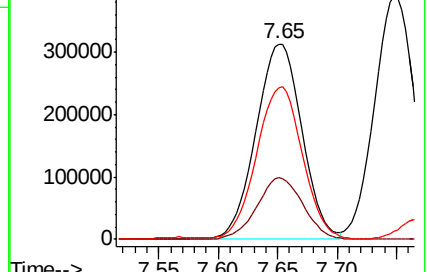
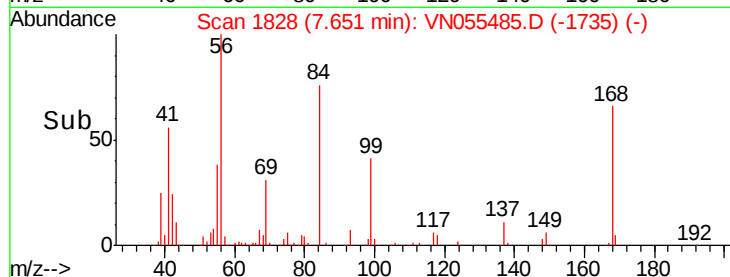


Abundance

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: 48.537 ug/l

RT: 7.57 min Scan# 1803

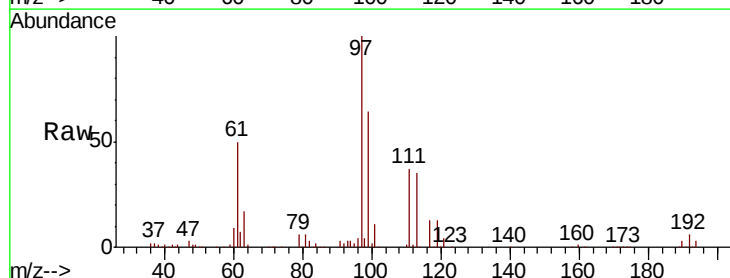
Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Tgt Ion: 97 Resp: 622731

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	49.2	39.2	58.8

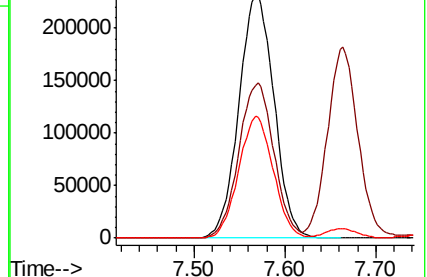
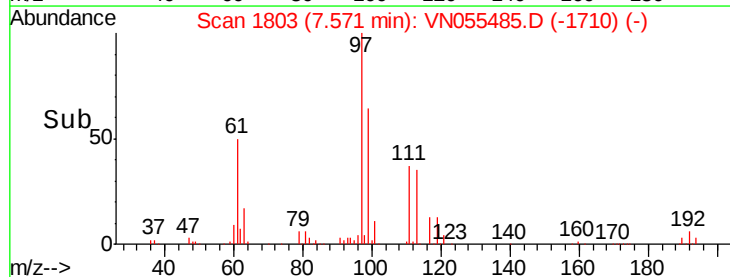


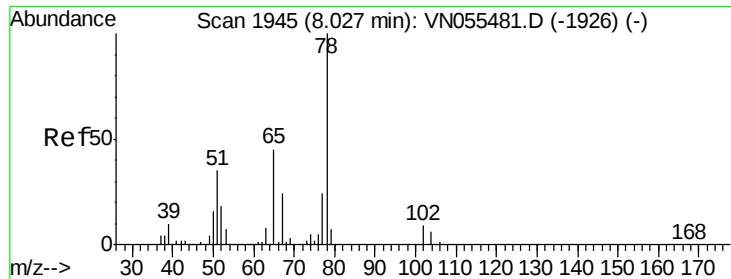
Abundance

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

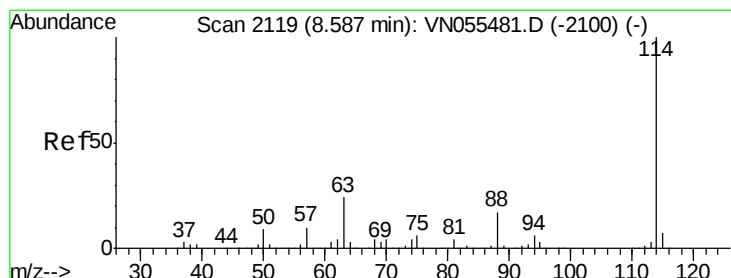
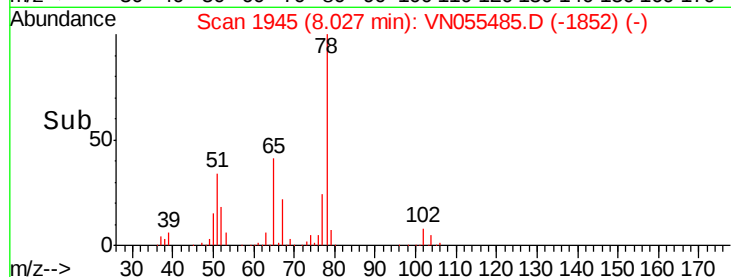
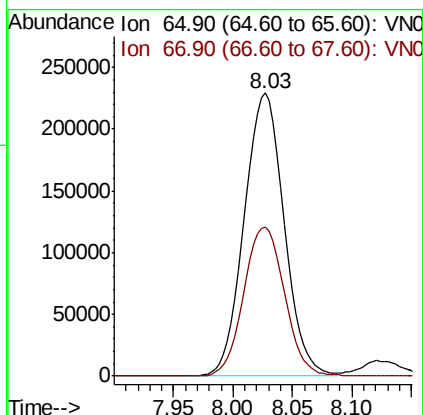
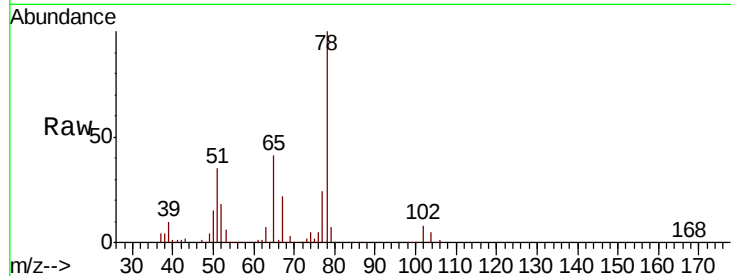




#33
 1,2-Dichloroethane-d4
 Concen: 47.789 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

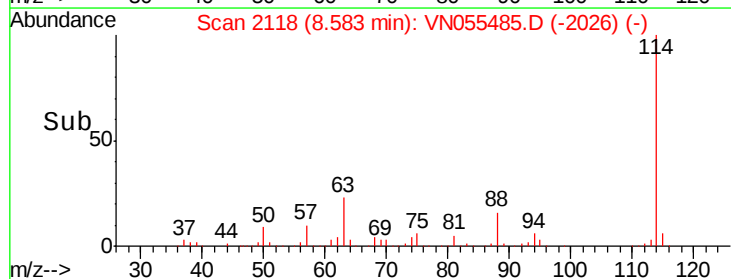
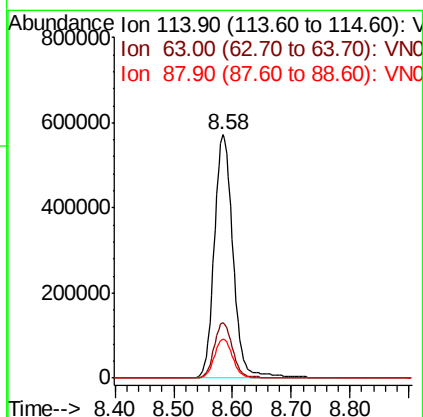
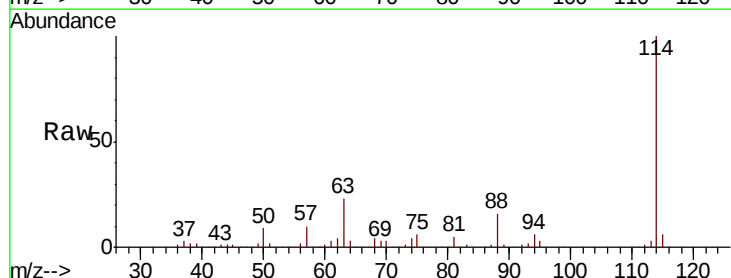
Instrument :
 MSVOA_N
 ClientSampled :

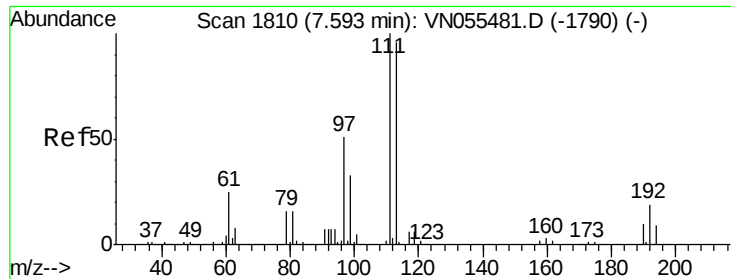
Tot Ion: 65 Resp: 533950
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion: 114 Resp: 1260772
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.1 0.0 34.0

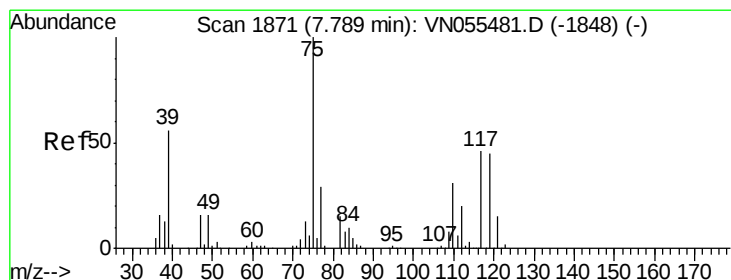
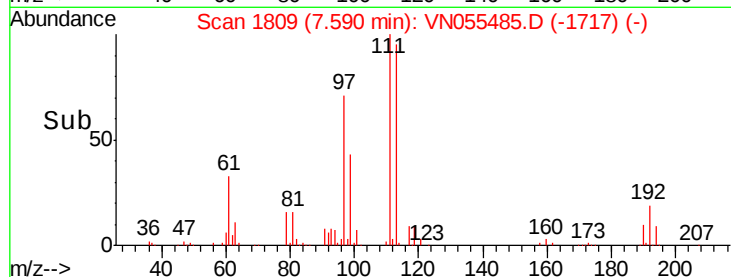
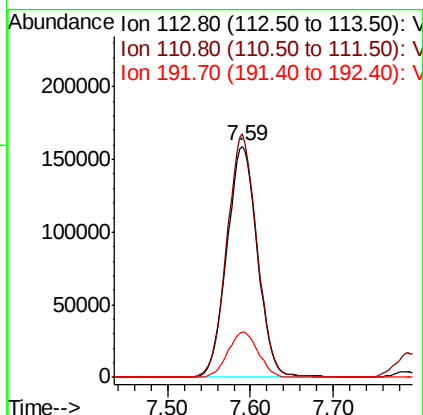
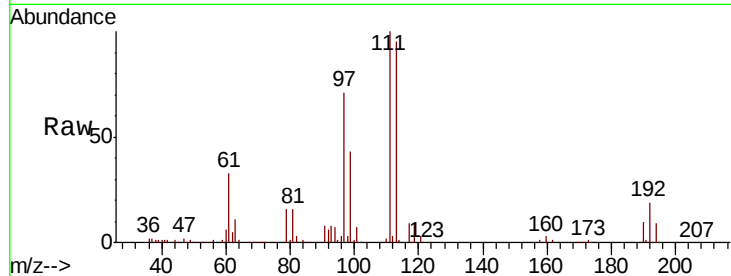




#35
 Dibromofluoromethane
 Concen: 50.068 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

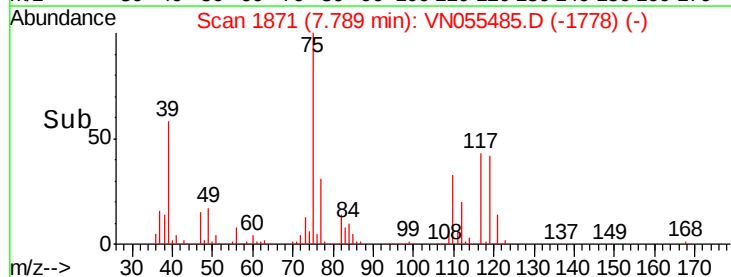
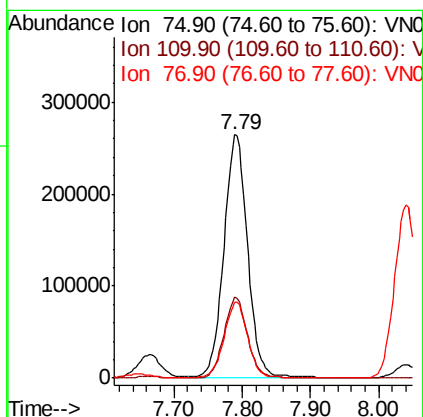
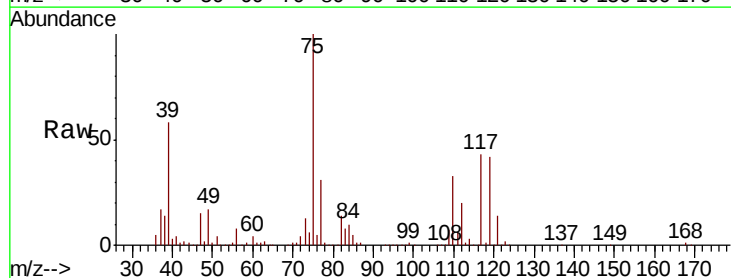
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.5	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 51.433 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.1	48.3
77	31.5	24.6	37.0

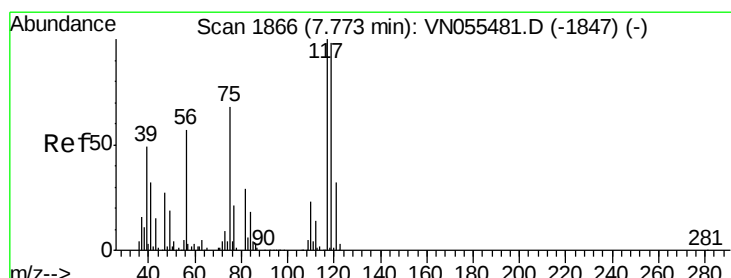
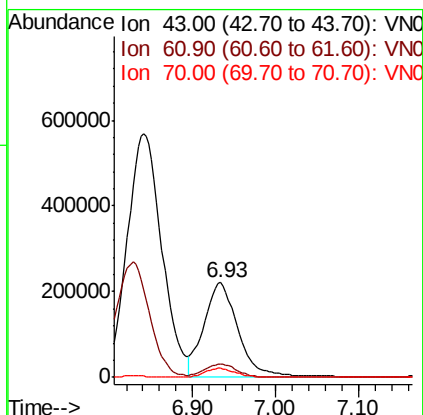
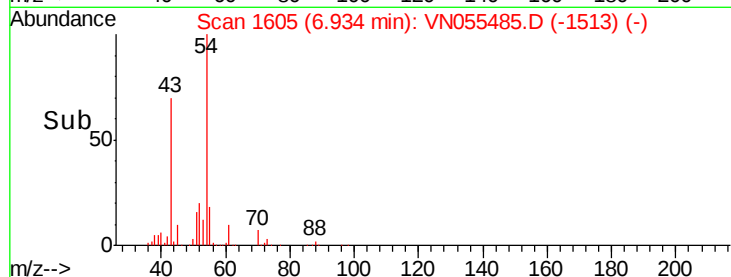
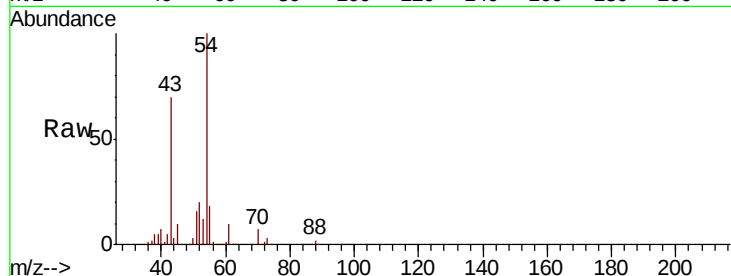




#37
Ethyl Acetate
Concen: 46.229 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

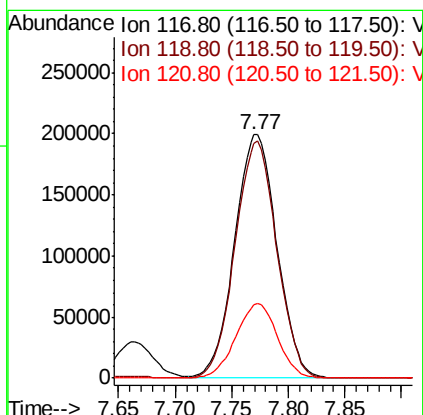
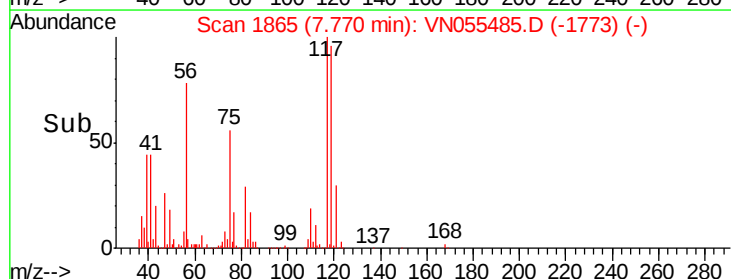
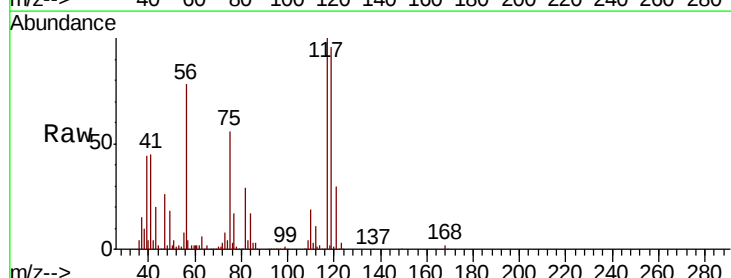
Instrument :
MSVOA_N
ClientSampleId :

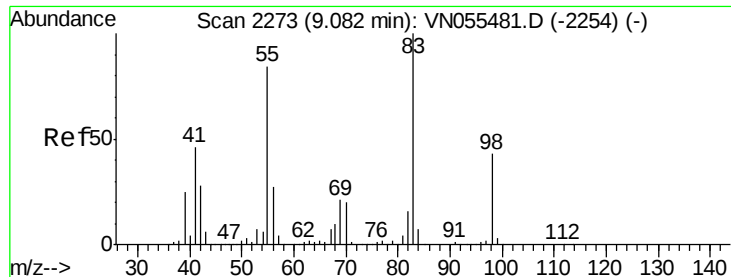
Tot Ion: 43 Resp: 626352
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 8.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 49.312 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 117 Resp: 515746
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6
121 30.0 25.2 37.8

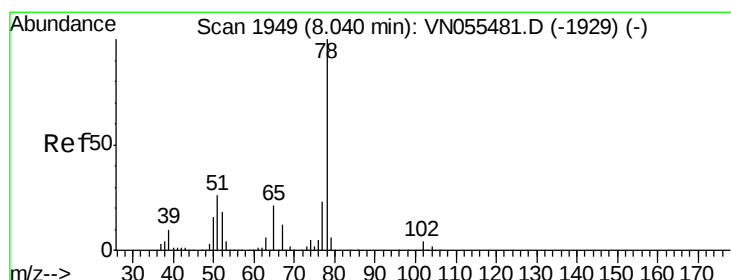
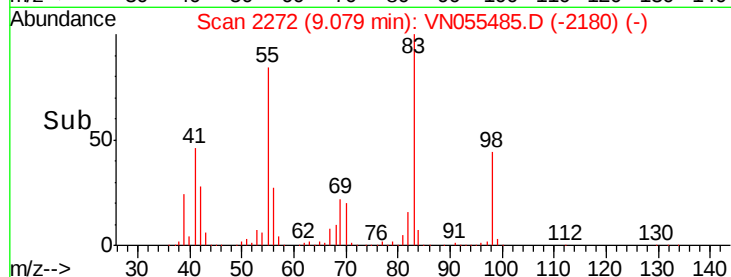
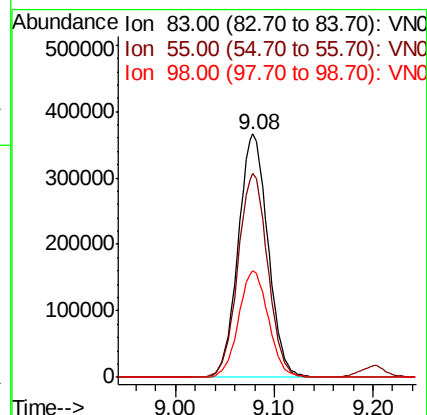
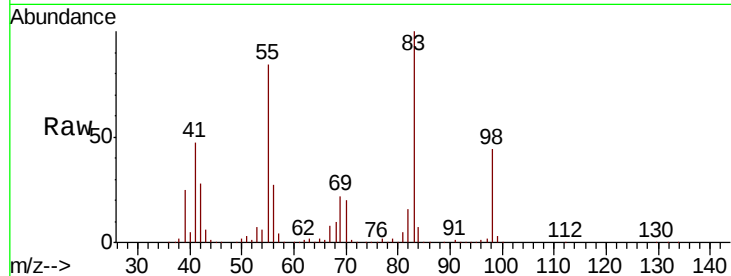




#39
Methvlcvclohexane
Concen: 50.625 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

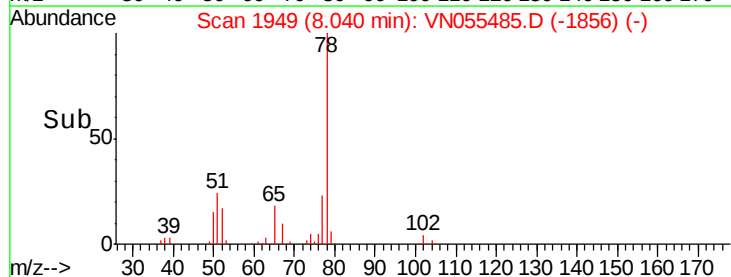
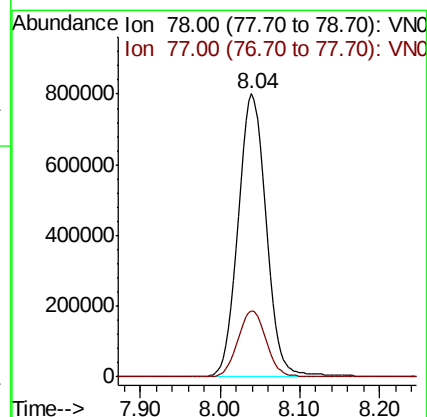
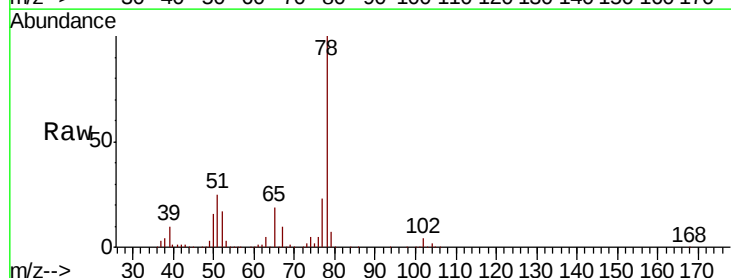
Instrument :
MSVOA_N
ClientSampled :

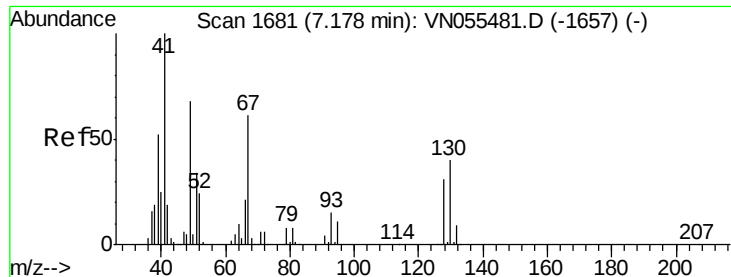
Tot Ion: 83 Resp: 766676
Ion Ratio Lower Upper
83 100
55 83.9 67.0 100.4
98 43.7 34.2 51.4



#40
Benzene
Concen: 49.224 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 78 Resp: 1897529
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

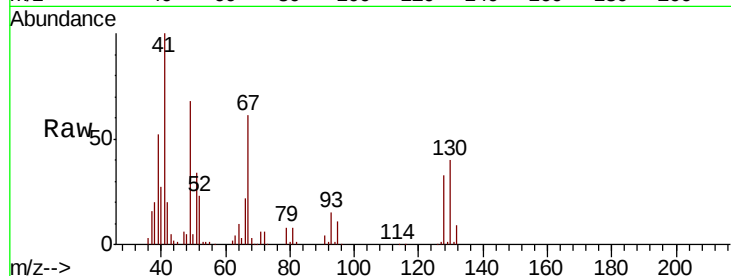




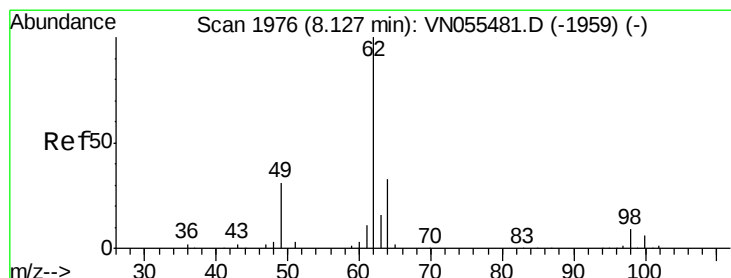
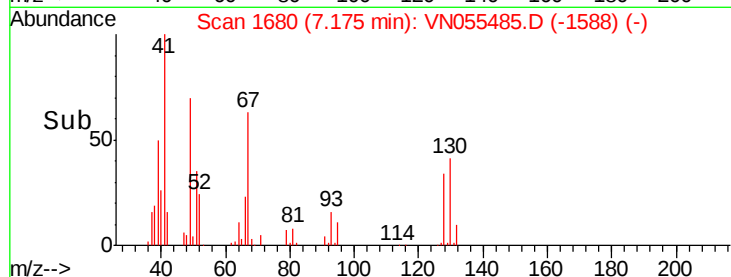
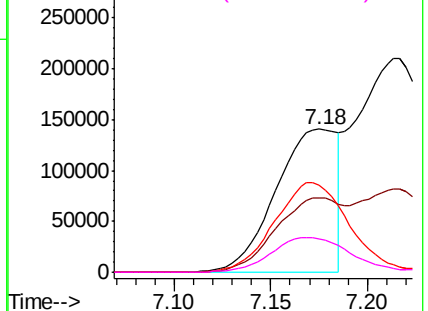
#41
Methacrylonitrile
Concen: 49.128 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 308944
Ion Ratio Lower Upper
41 100
39 55.5 44.7 67.1
67 77.6 61.4 92.0
52 31.8 25.0 37.4

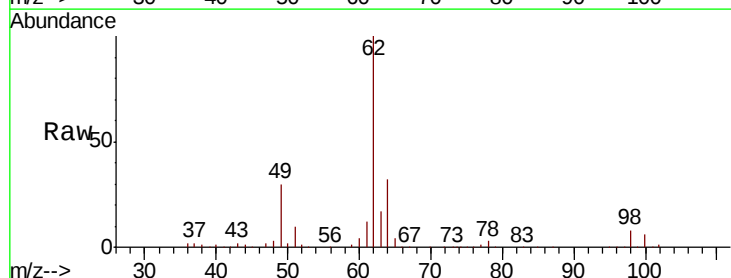


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

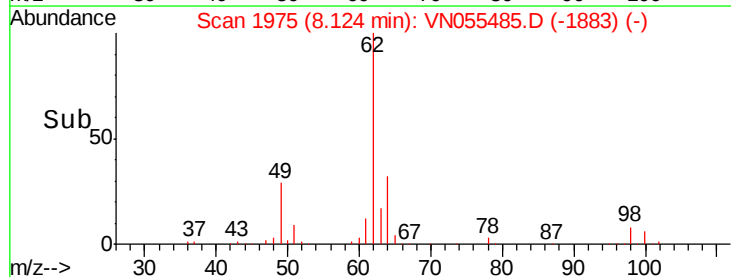
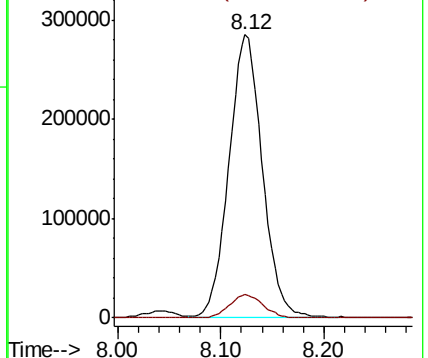


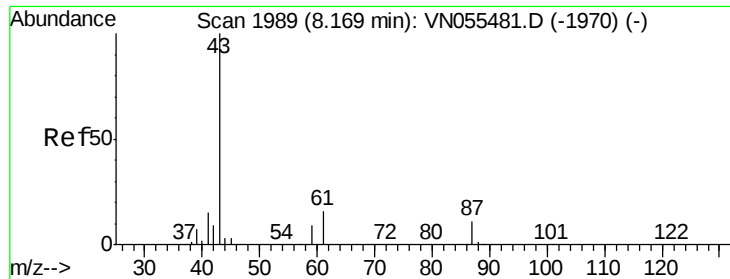
#42
1,2-Dichloroethane
Concen: 47.304 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 62 Resp: 640657
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.127 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

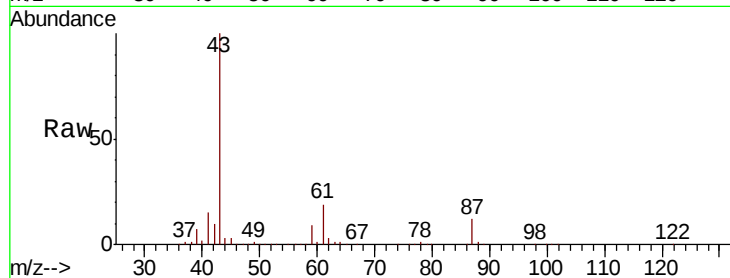
Tot Ion: 43 Resp: 970070

Ion Ratio Lower Upper

43 100

61 19.9 15.1 22.7

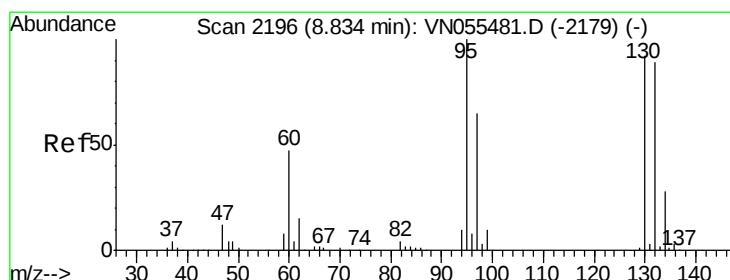
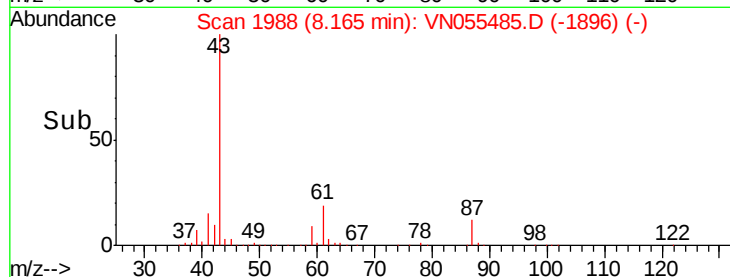
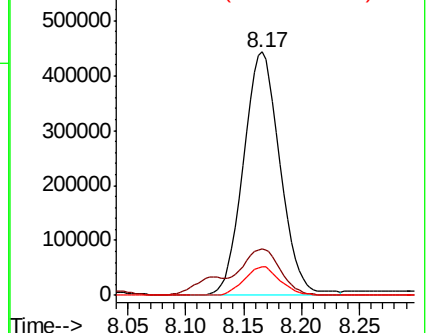
87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055485.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055485.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055485.D (-1988) (-)



#44

Trichloroethene

Concen: 49.410 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055485.D

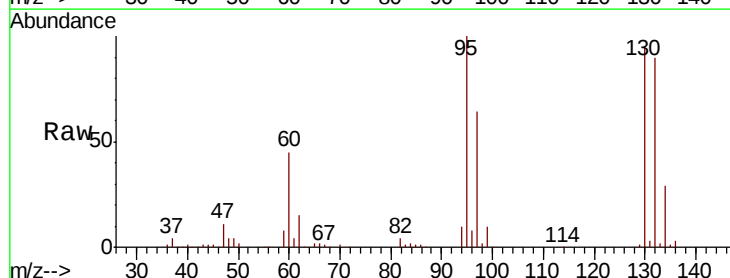
Acq: 9 May 2019 10:03

Tgt Ion: 130 Resp: 453207

Ion Ratio Lower Upper

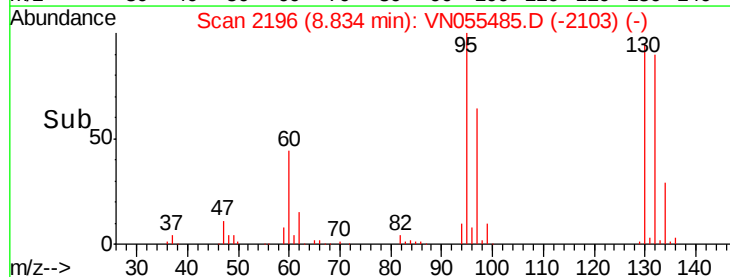
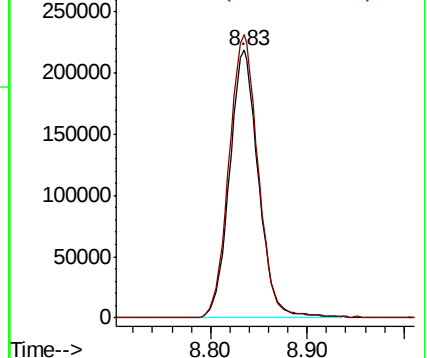
130 100

95 105.7 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055485.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN055485.D (-2196) (-)





#45

1,2-Dichloropropane

Concen: 48.208 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

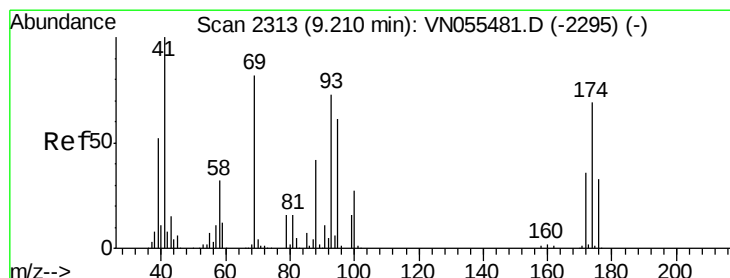
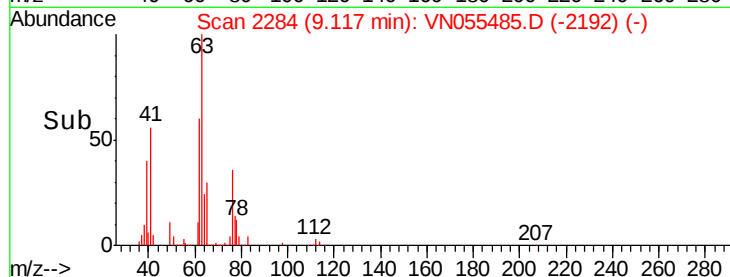
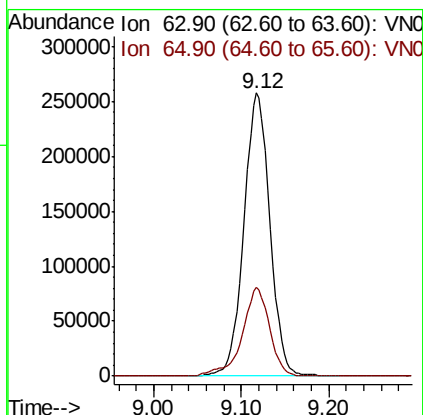
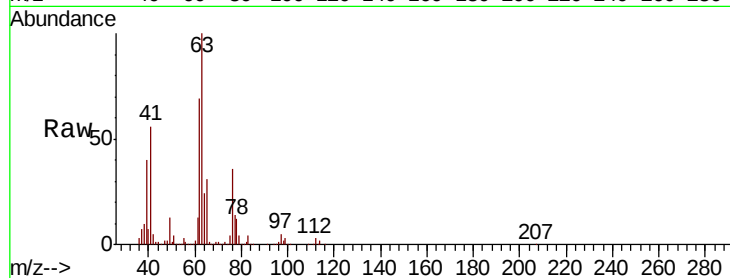
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 531726

Ion Ratio Lower Upper

63 100

65 31.3 24.1 36.1



#46

Dibromomethane

Concen: 48.188 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

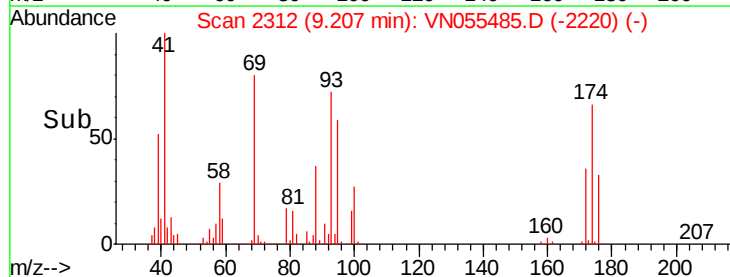
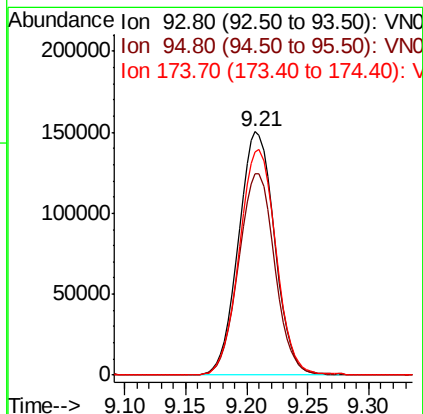
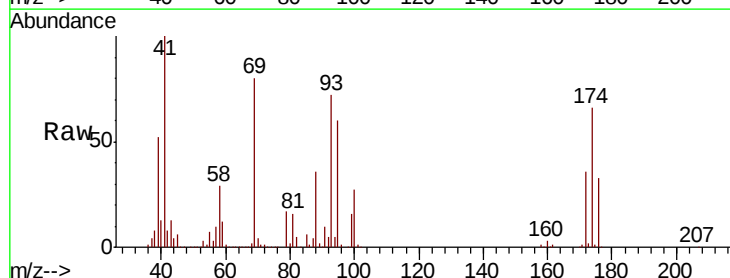
Tgt Ion: 93 Resp: 308079

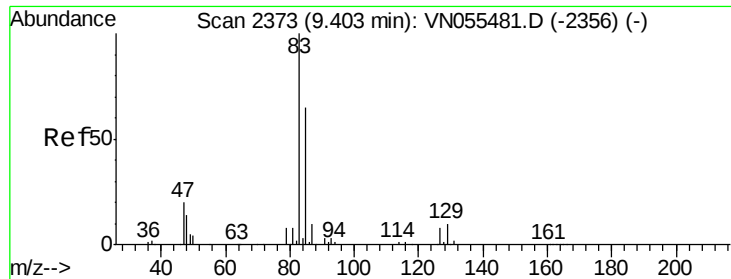
Ion Ratio Lower Upper

93 100

95 82.4 64.8 97.2

174 93.9 75.0 112.6





#47

Bromodichloromethane

Concen: 49.972 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

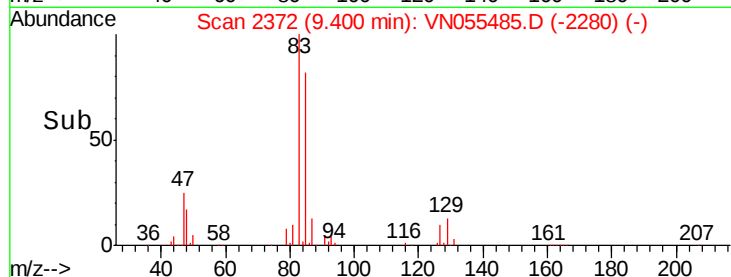
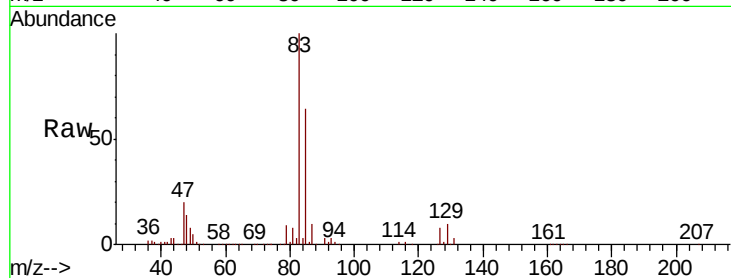
Tot Ion: 83 Resp: 611196

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

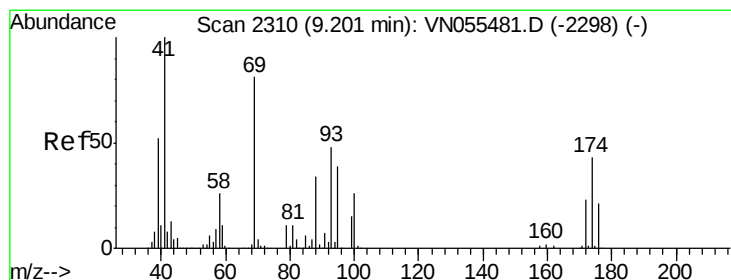
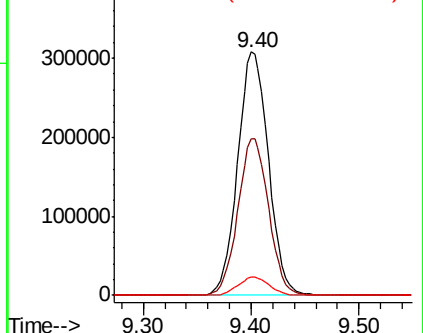
127 7.6 6.5 9.7



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: 47.534 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

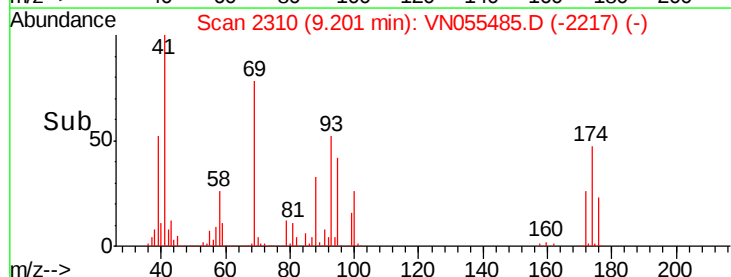
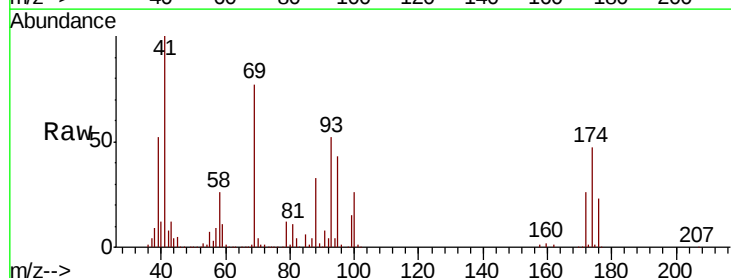
Tgt Ion: 41 Resp: 471425

Ion Ratio Lower Upper

41 100

69 80.6 64.2 96.2

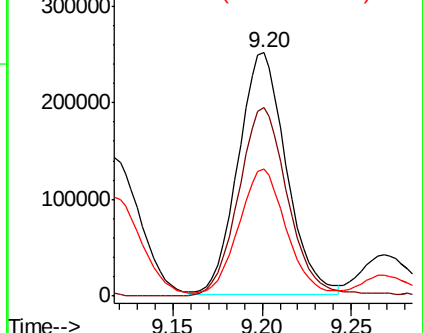
39 51.8 41.6 62.4

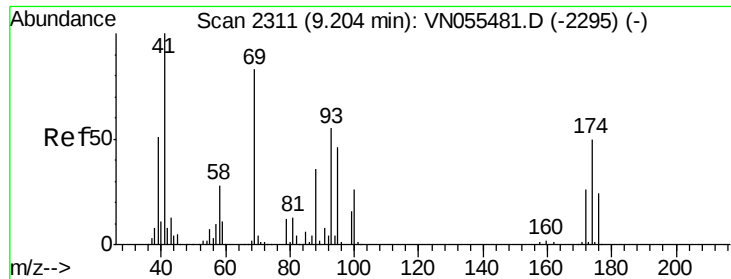


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

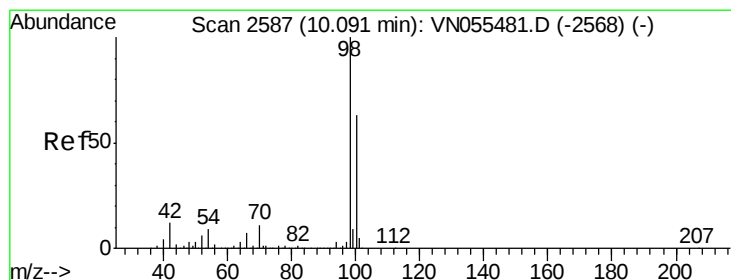
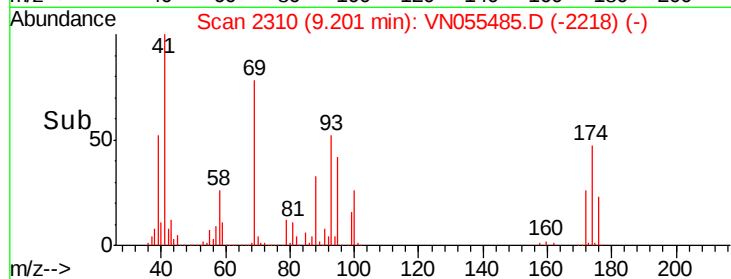
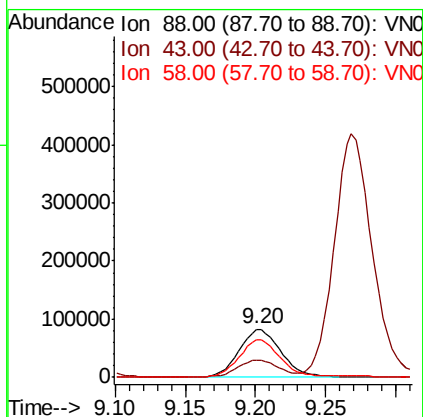
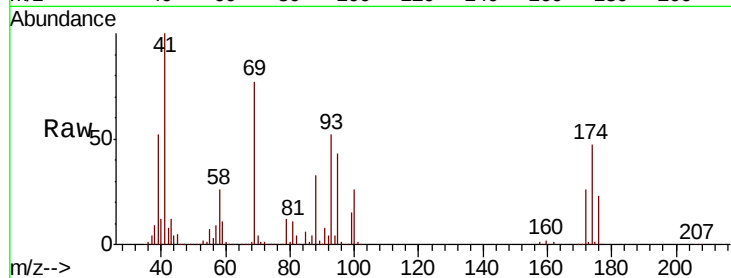




#49
 1,4-Dioxane
 Concen: 893.869 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

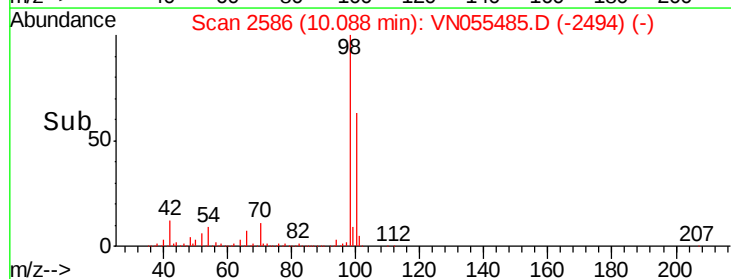
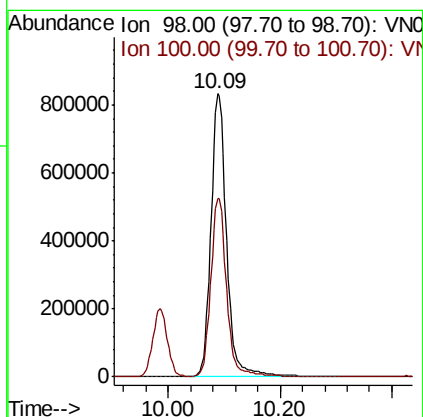
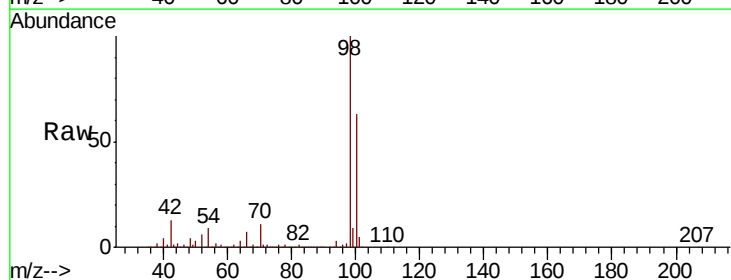
Instrument :
 MSVOA_N
 ClientSampled :

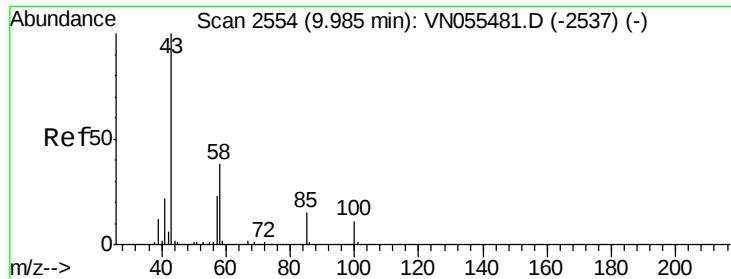
Tot Ion: 88 Resp: 172783
 Ion Ratio Lower Upper
 88 100
 43 33.5 27.8 41.8
 58 76.1 61.8 92.6



#50
 Toluene-d8
 Concen: 51.127 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion: 98 Resp: 1620398
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 227.313 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

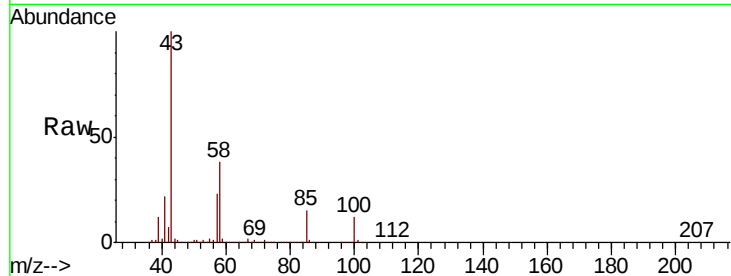
ClientSampleId :

Tot Ion: 43 Resp: 3077345

Ion Ratio Lower Upper

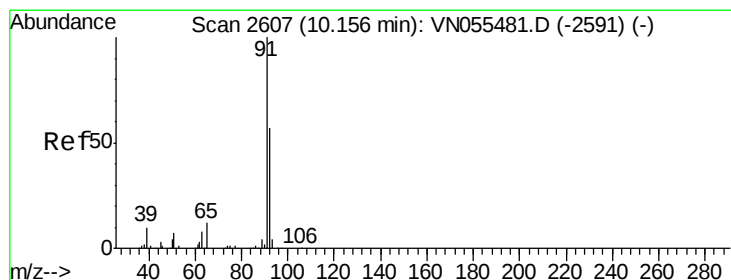
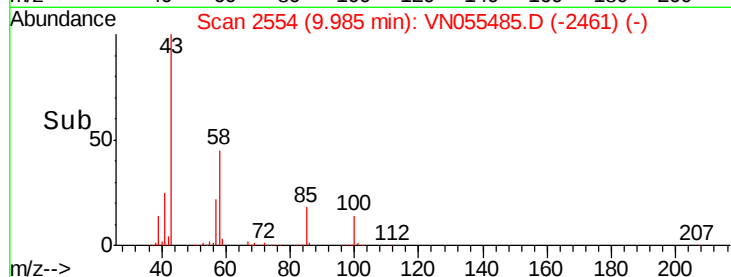
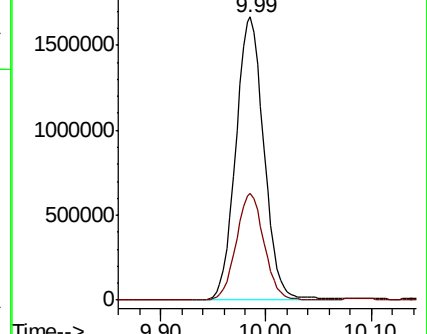
43 100

58 37.4 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: 51.073 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055485.D

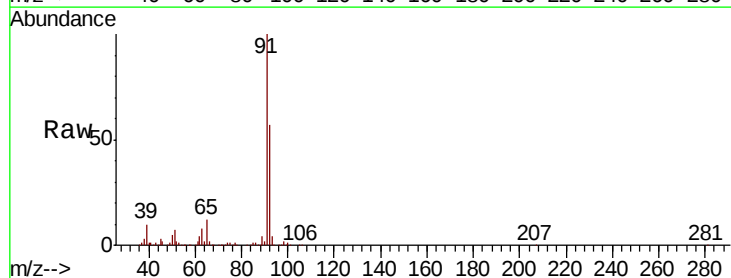
Acq: 9 May 2019 10:03

Tgt Ion: 92 Resp: 1125568

Ion Ratio Lower Upper

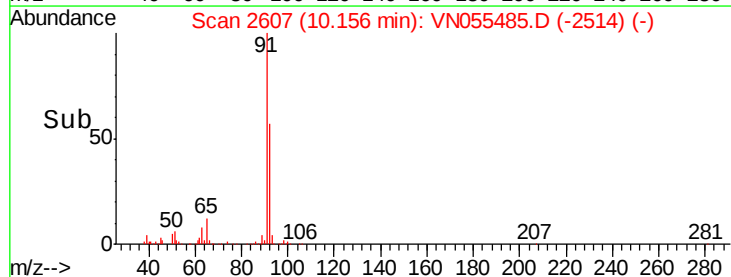
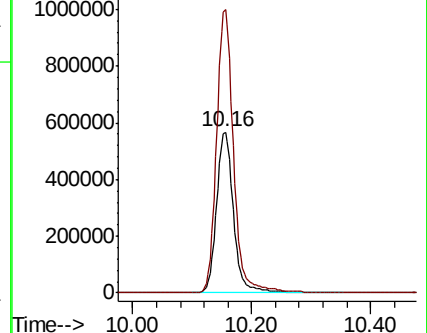
92 100

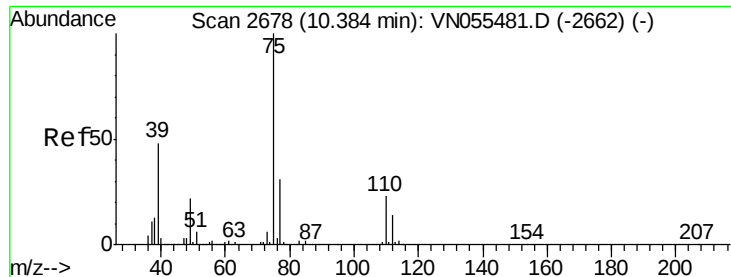
91 175.8 140.5 210.7



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: 52.403 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

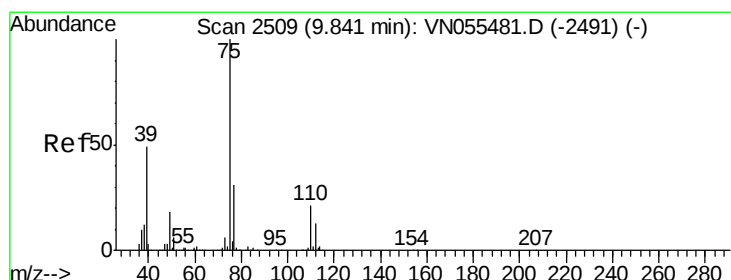
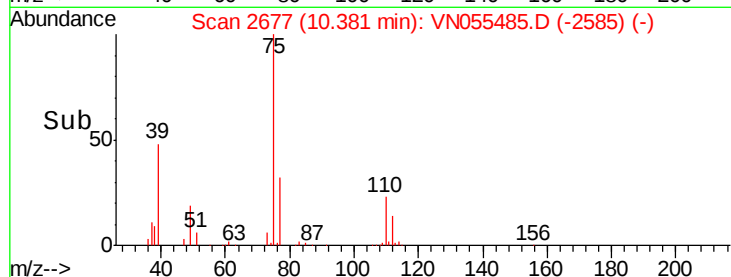
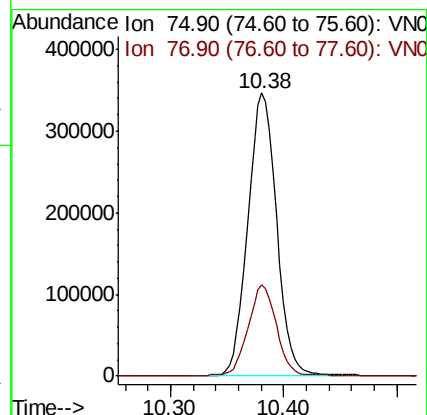
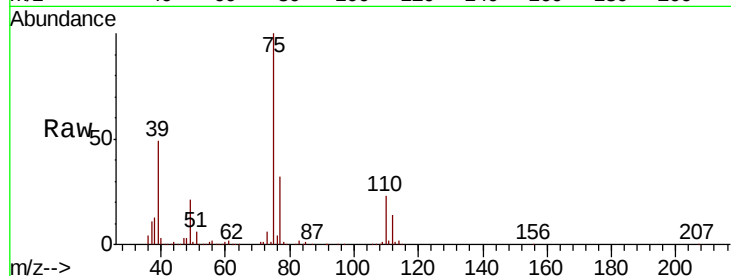
ClientSampleId :

Tot Ion: 75 Resp: 615571

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.279 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

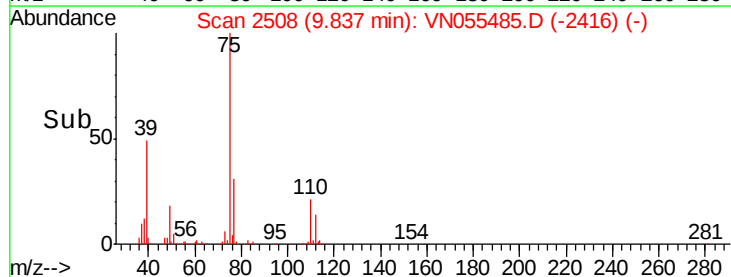
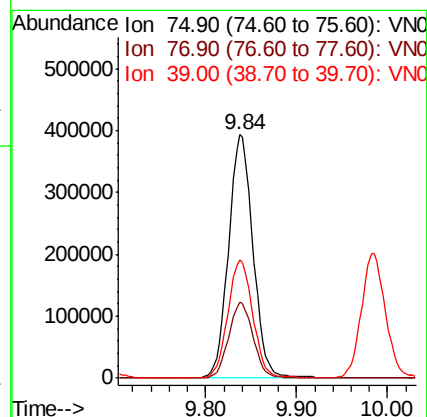
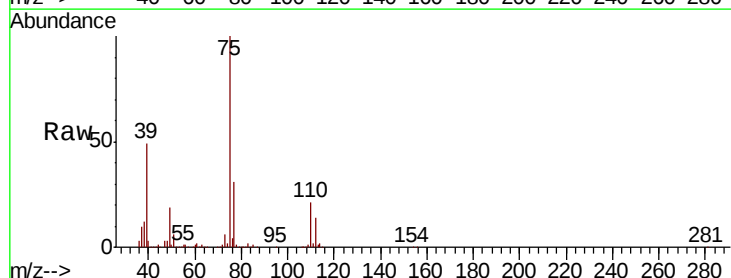
Tgt Ion: 75 Resp: 733831

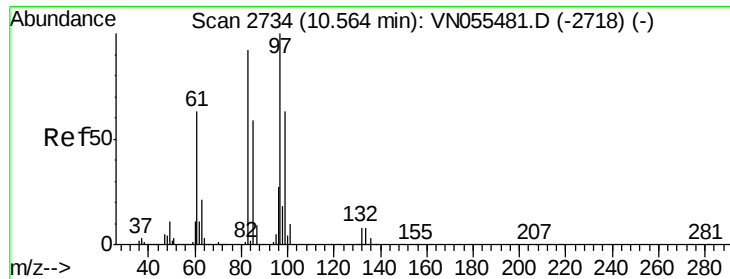
Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

39 48.6 39.5 59.3





#55

1,1,2-Trichloroethane

Concen: 48.871 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

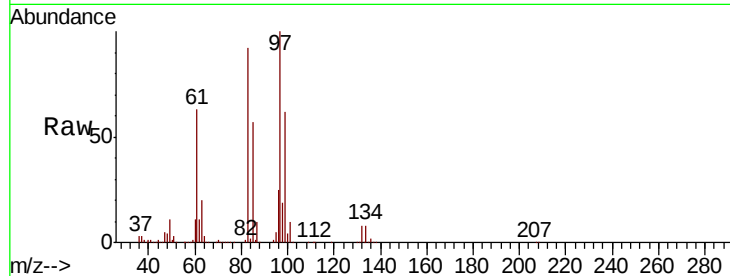
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 436379

Ion	Ratio	Lower	Upper
97	100		
83	91.6	73.2	109.8
85	57.0	47.5	71.3
99	62.3	50.2	75.2

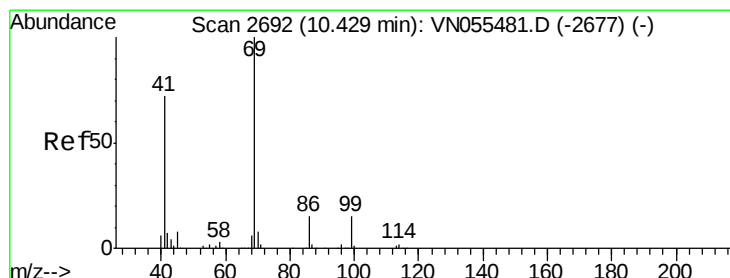
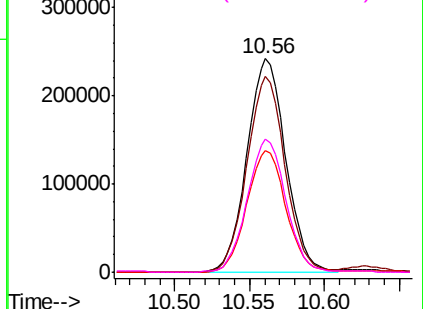
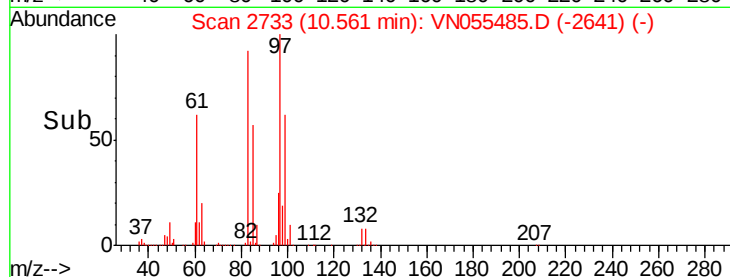


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 47.838 ug/l

RT: 10.43 min Scan# 2692

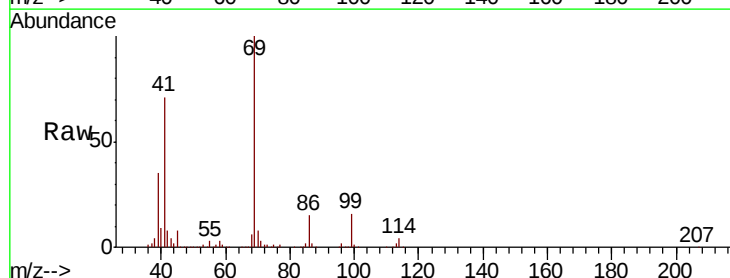
Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Tgt Ion: 69 Resp: 635364

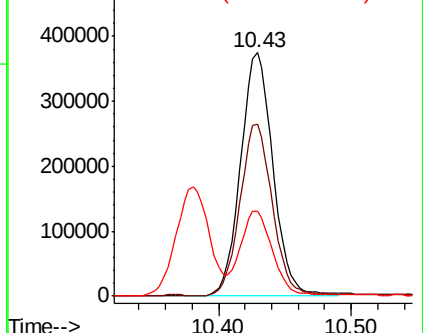
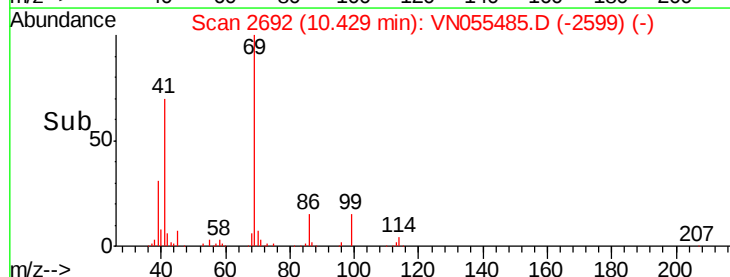
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.2	84.2
39	33.7	27.8	41.6

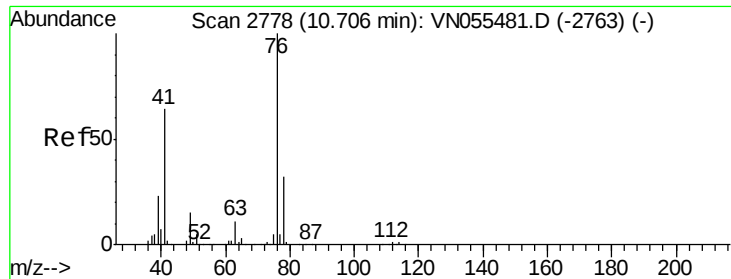


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

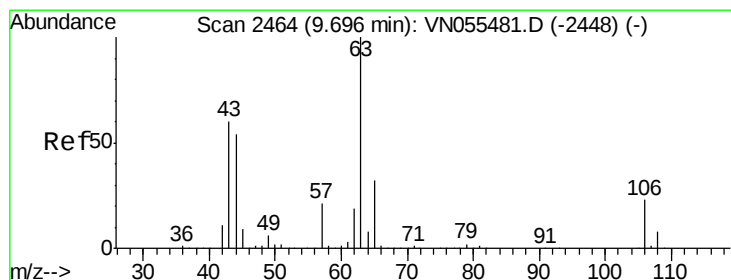
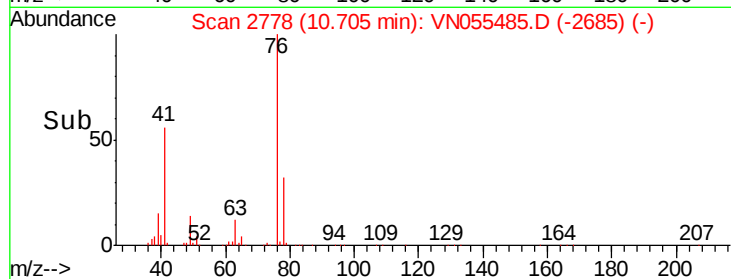
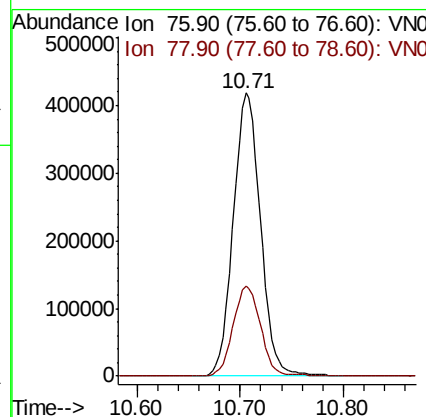
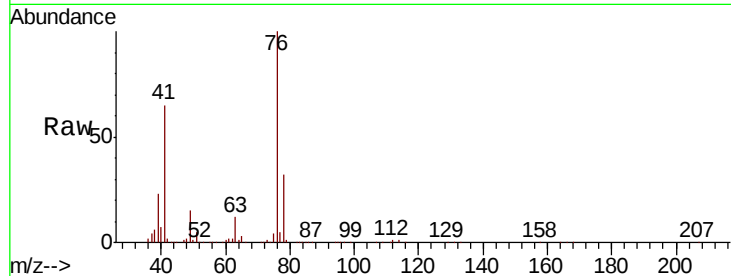




#57
 1,3-Dichloropropane
 Concen: 48.679 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

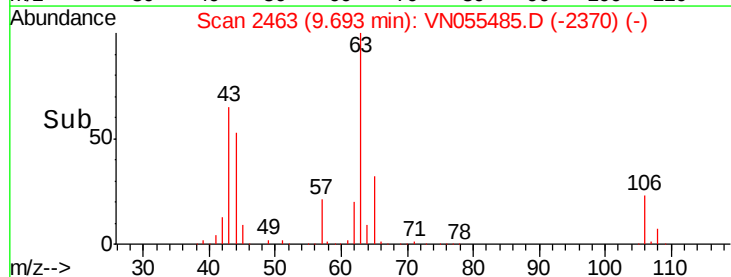
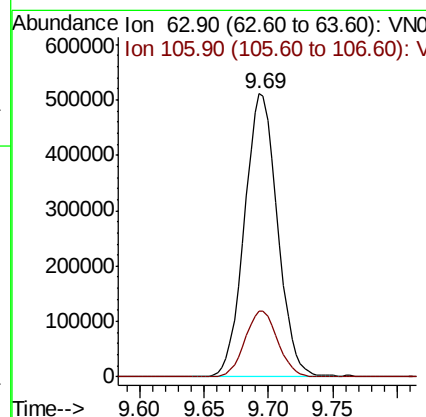
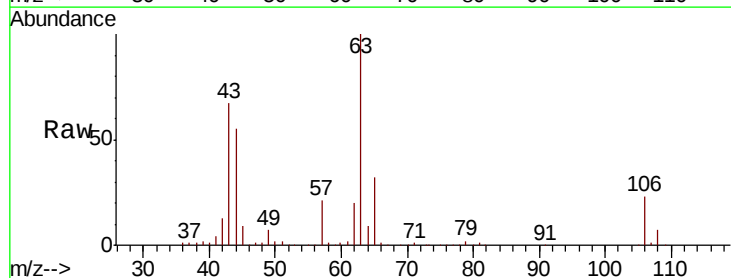
Instrument :
 MSVOA_N
 ClientSampled :

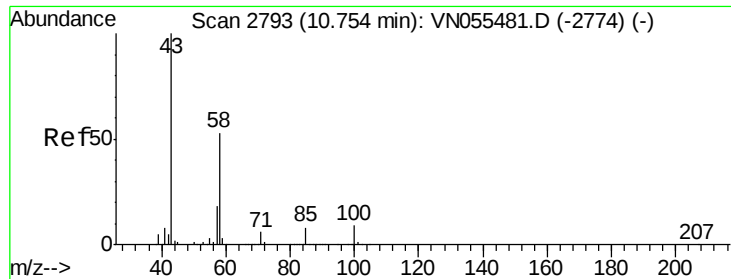
Tot Ion: 76 Resp: 771677
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.238 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion: 63 Resp: 911786
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.6 27.8

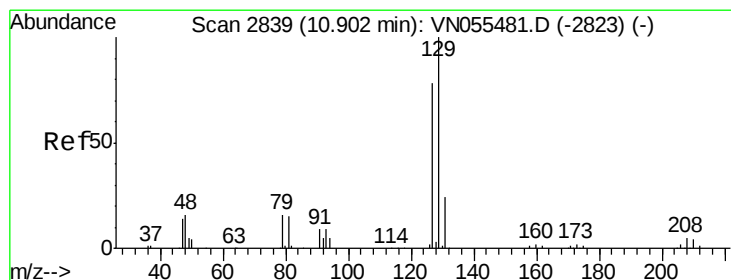
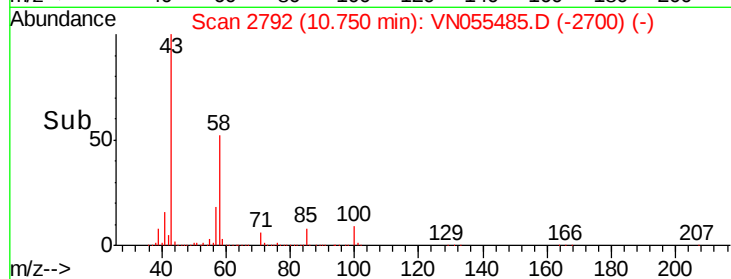
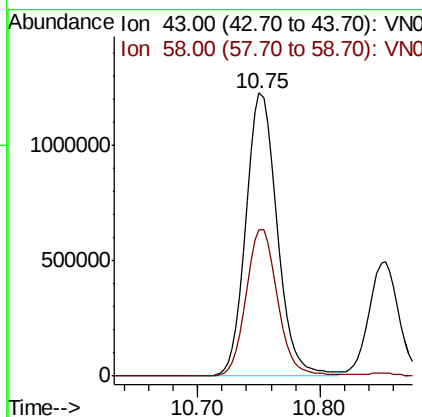
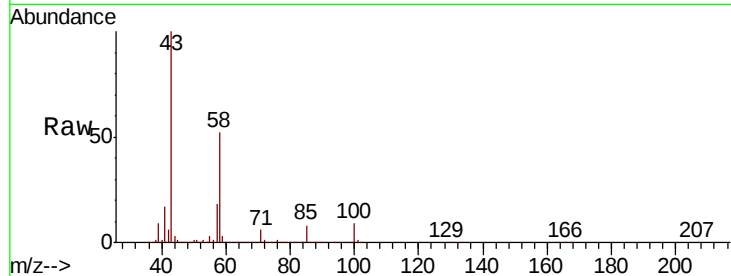




#59
2-Hexanone
Concen: 227.839 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

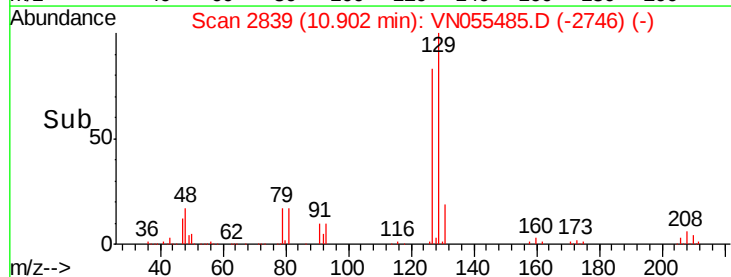
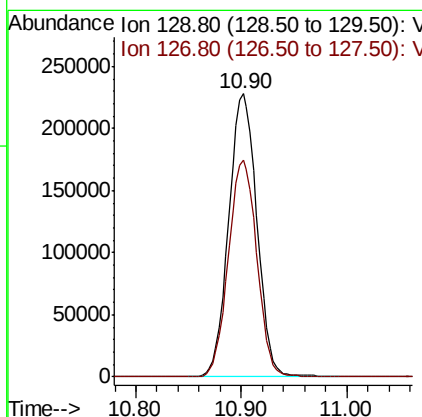
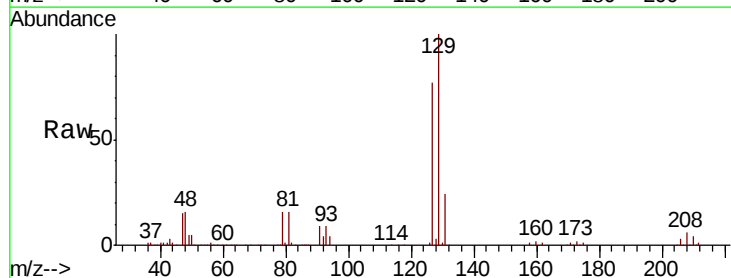
Instrument :
MSVOA_N
ClientSampleId :

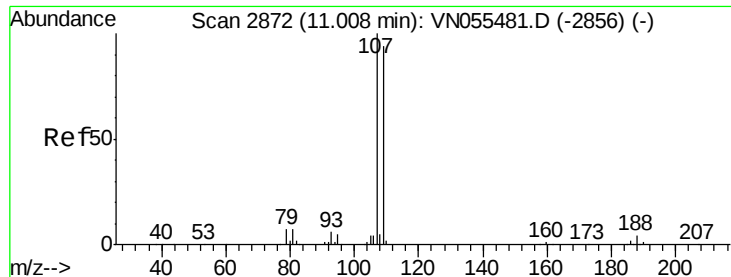
Tot Ion: 43 Resp: 2163138
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 51.935 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 129 Resp: 421628
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.487 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

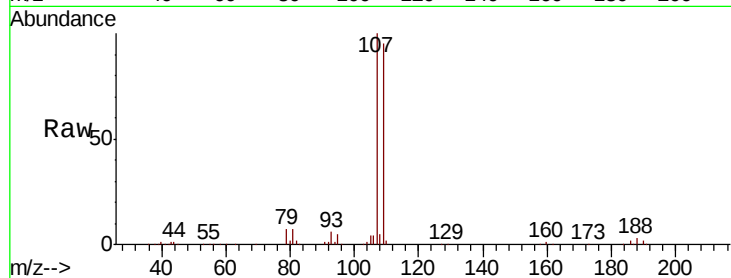
ClientSampleId :

Tot Ion:107 Resp: 424562

Ion Ratio Lower Upper

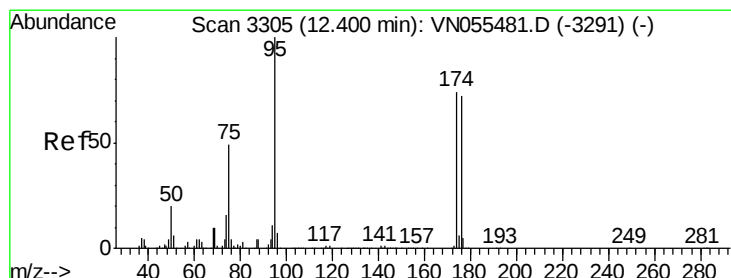
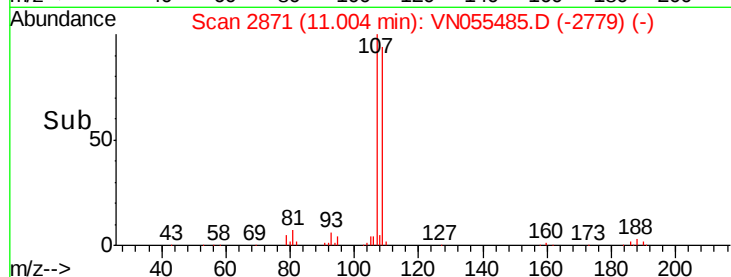
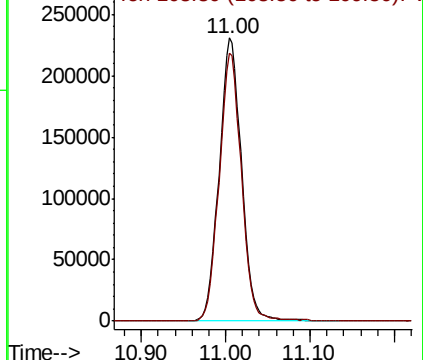
107 100

109 93.8 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: 52.287 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

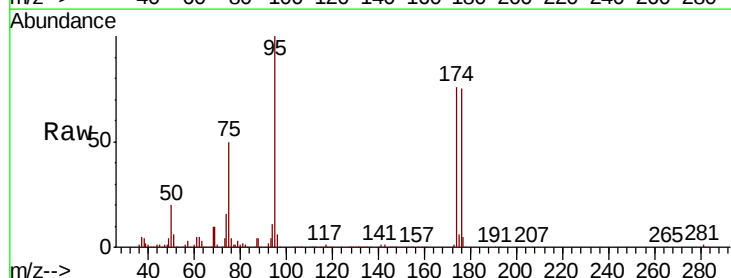
Tgt Ion: 95 Resp: 558765

Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.2

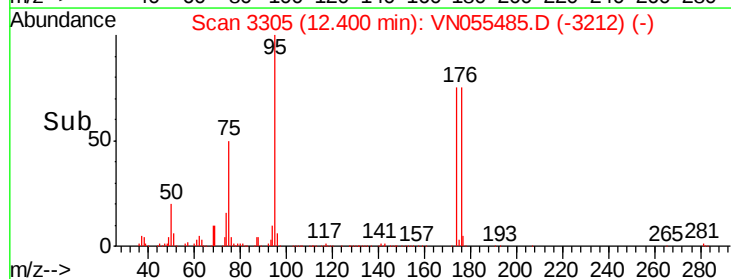
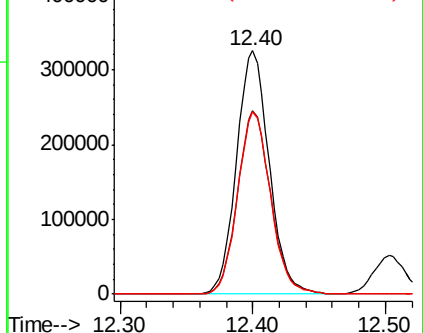
176 75.0 0.0 147.8

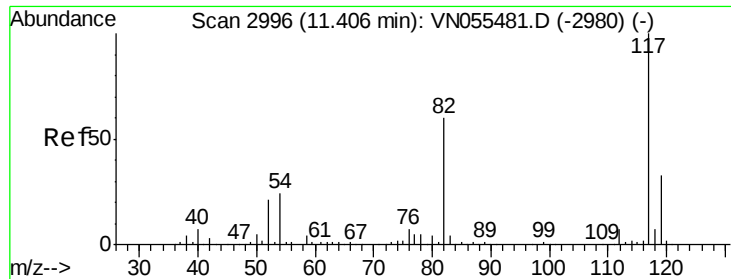


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

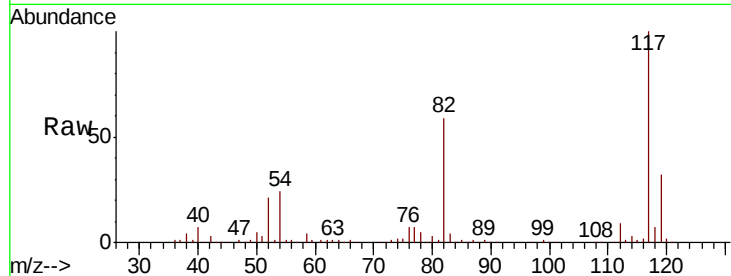




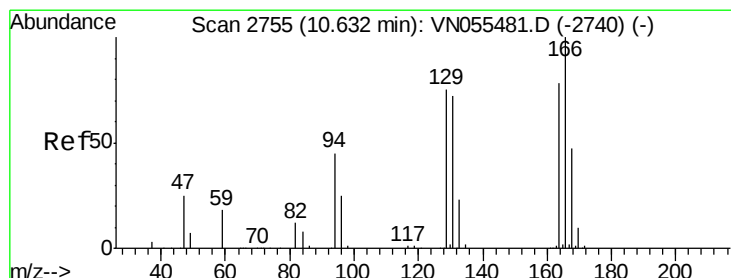
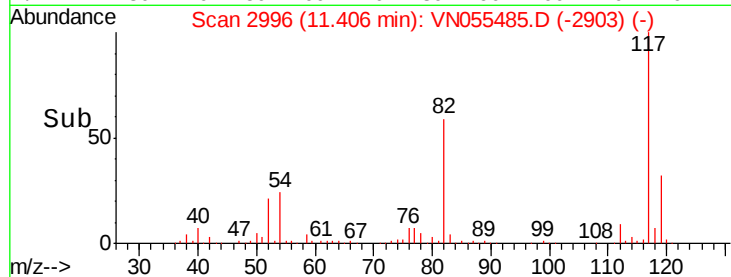
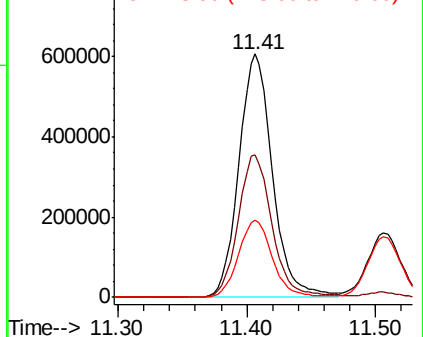
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1101192
Ion Ratio Lower Upper
117 100
82 58.6 48.0 72.0
119 31.7 26.0 39.0

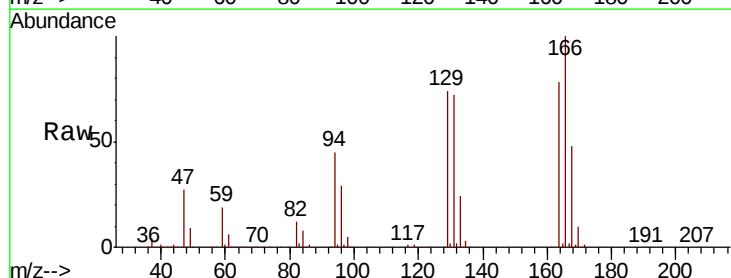


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

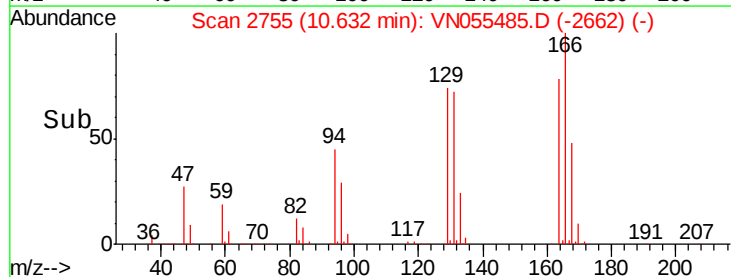
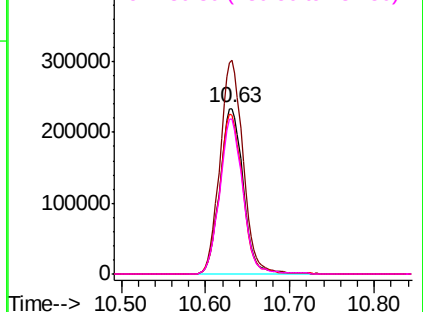


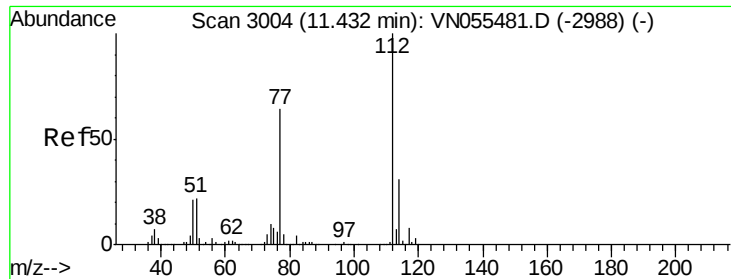
#64
Tetrachloroethene
Concen: 49.646 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion:164 Resp: 447962
Ion Ratio Lower Upper
164 100
166 128.8 102.6 153.8
129 95.7 77.0 115.6
131 93.4 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

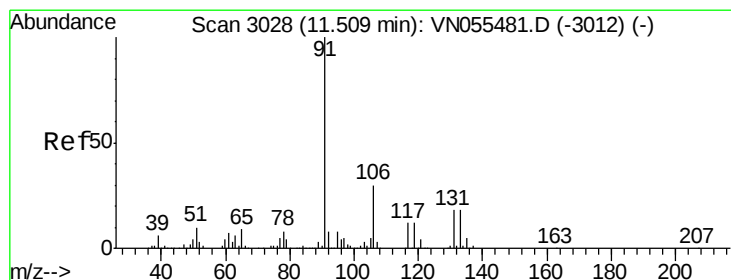
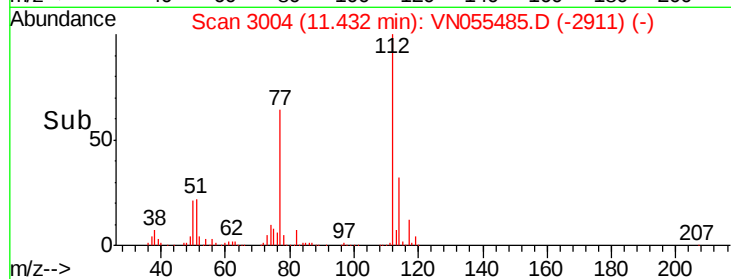
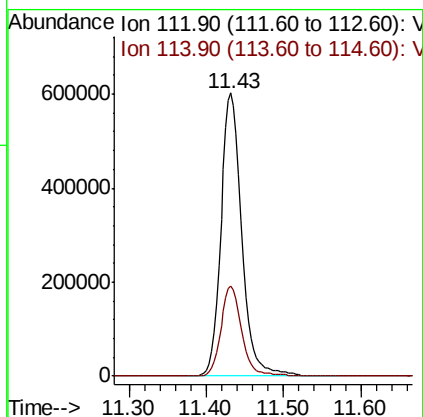
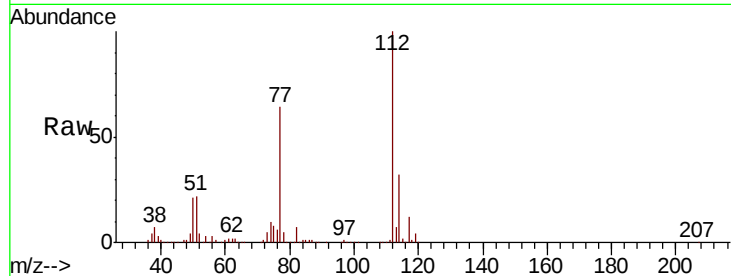




#65
Chlorobenzene
Concen: 49.843 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

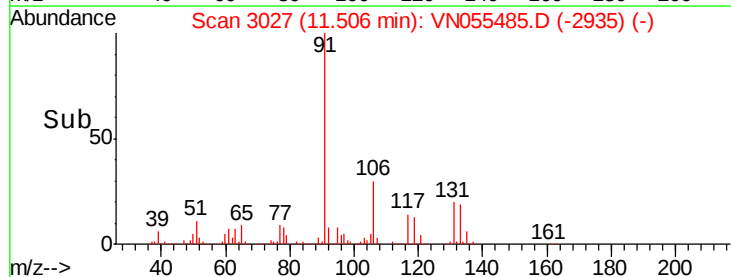
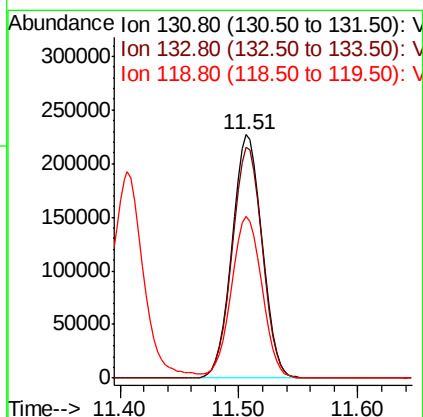
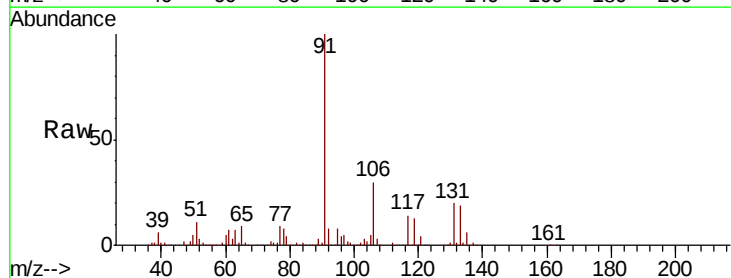
Instrument :
MSVOA_N
ClientSampleId :

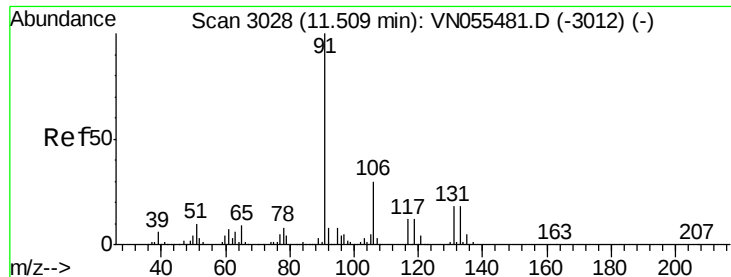
Tot Ion:112 Resp: 1129224
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.902 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion:131 Resp: 397013
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 68.2 34.1 102.2

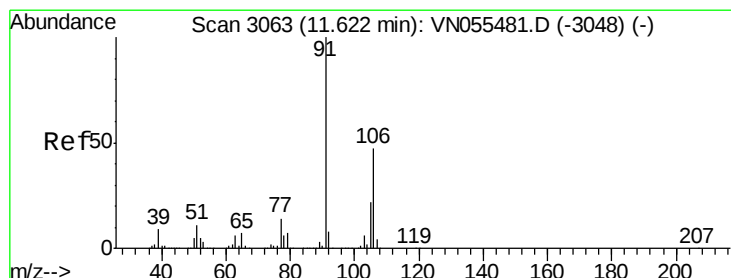
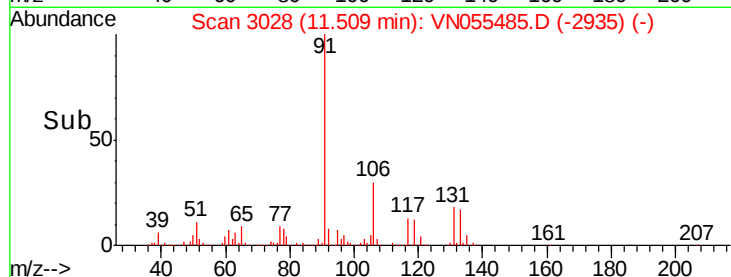
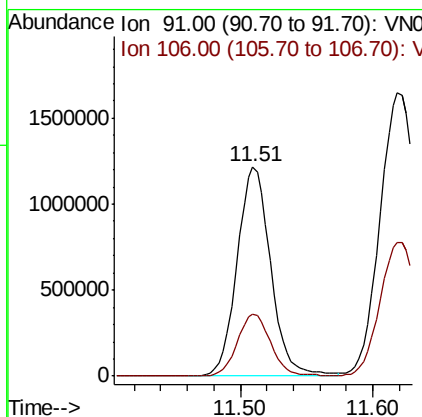
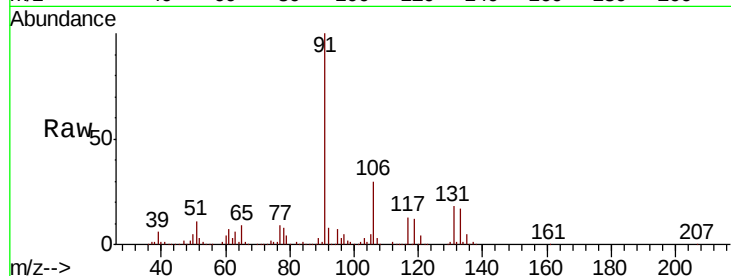




#67
Ethyl Benzene
Concen: 50.262 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

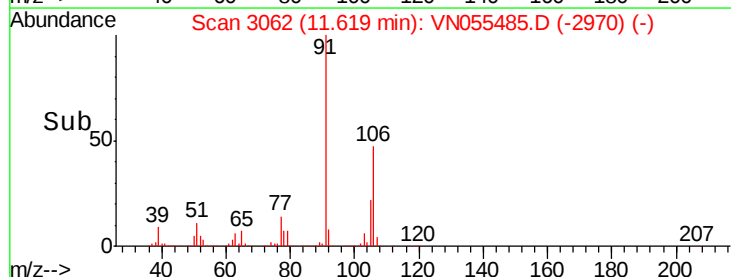
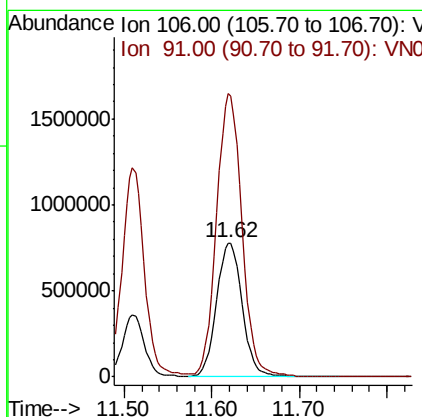
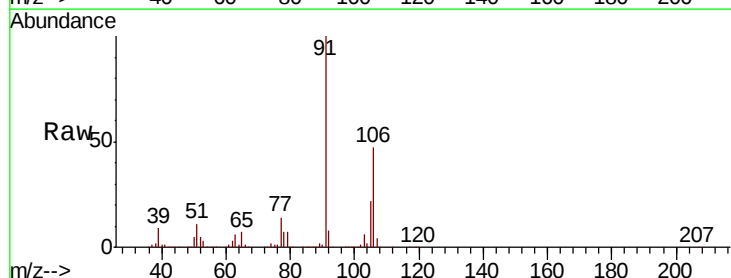
Instrument :
MSVOA_N
ClientSampled :

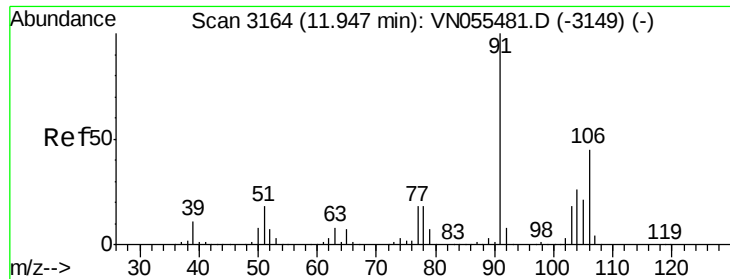
Tot Ion: 91 Resp: 2138663
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 103.920 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion:106 Resp: 1586871
Ion Ratio Lower Upper
106 100
91 209.2 169.2 253.8

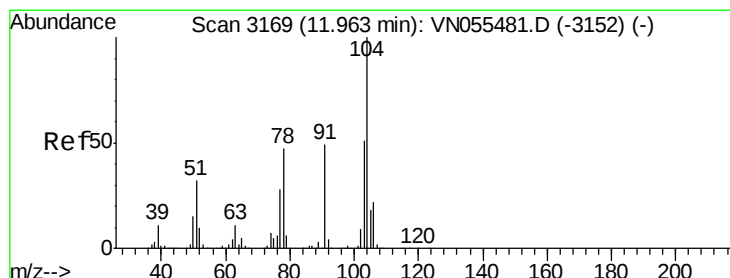
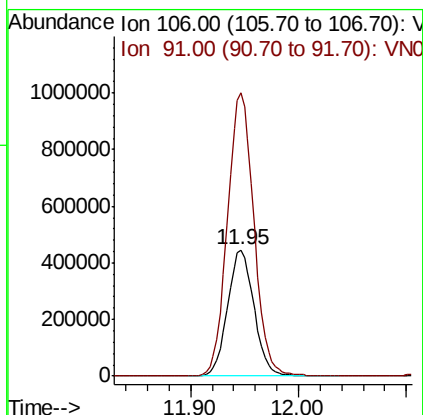
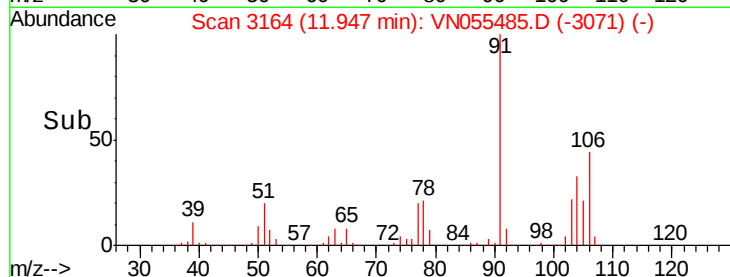
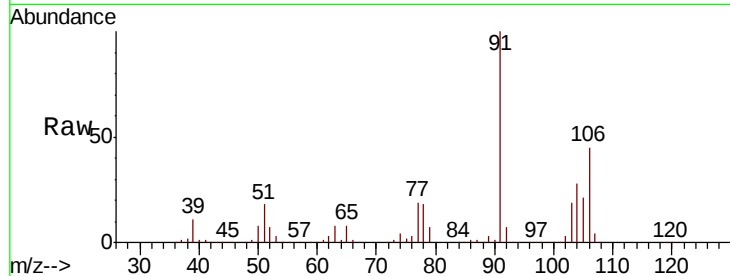




#69
o-Xylene
Concen: 50.907 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

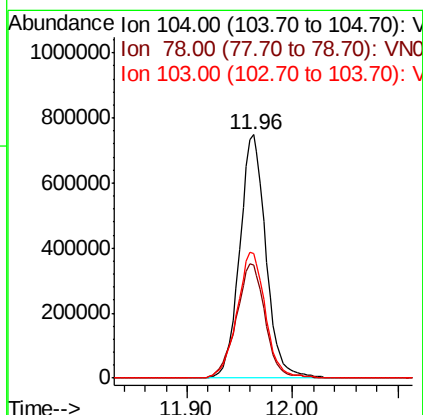
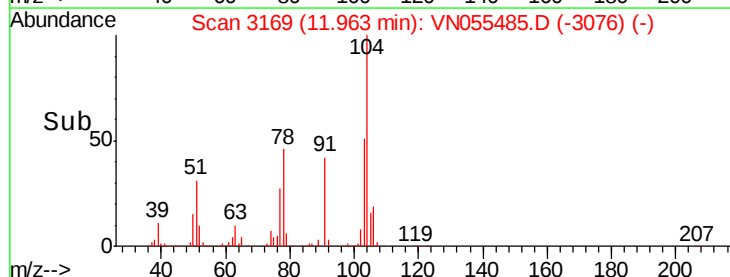
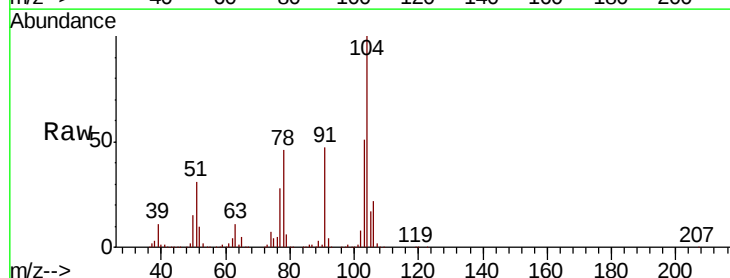
Instrument :
MSVOA_N
ClientSampled :

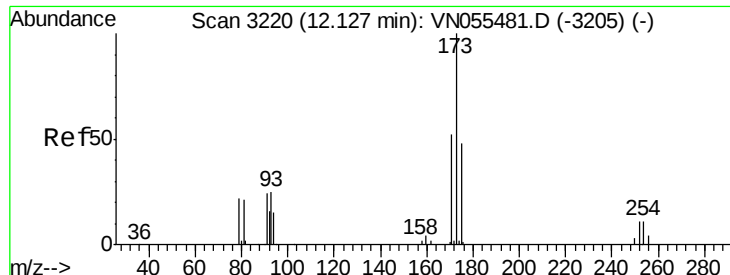
Tot Ion:106 Resp: 764042
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.8



#70
Styrene
Concen: 53.560 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion:104 Resp: 1287873
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 56.1 44.4 66.6





#71

Bromoform

Concen: 52.673 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

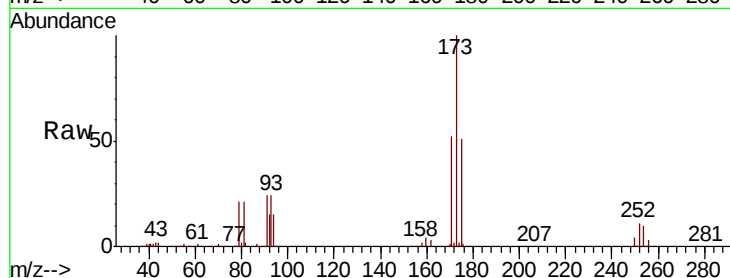
Tot Ion:173 Resp: 277224

Ion Ratio Lower Upper

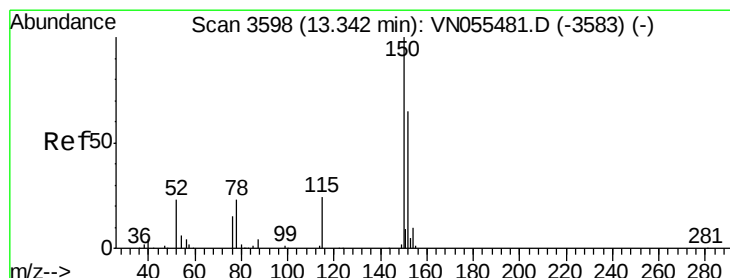
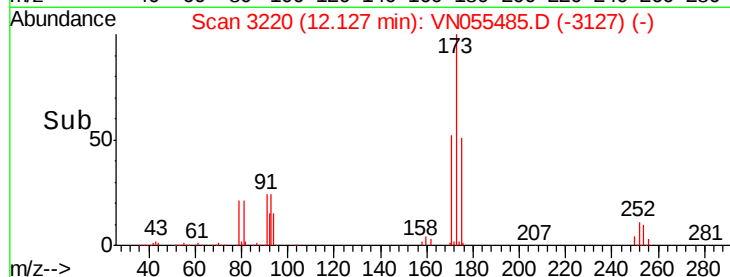
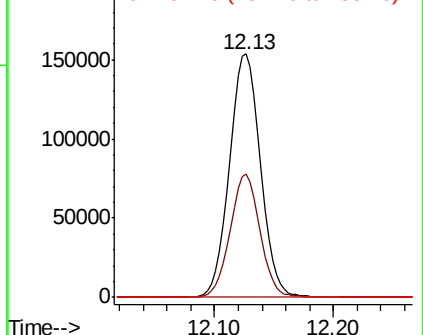
173 100

175 48.7 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: VN055485.D

Acq: 9 May 2019 10:03

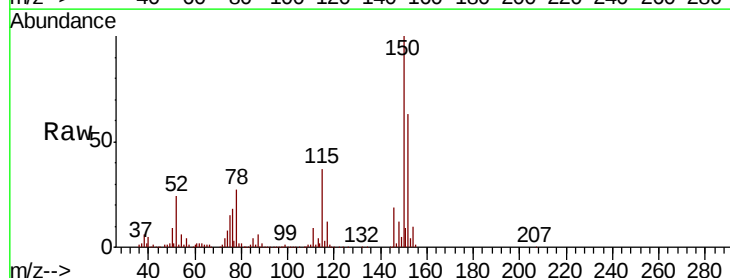
Tgt Ion:152 Resp: 467367

Ion Ratio Lower Upper

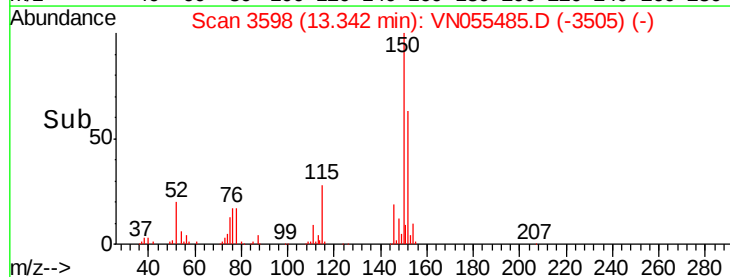
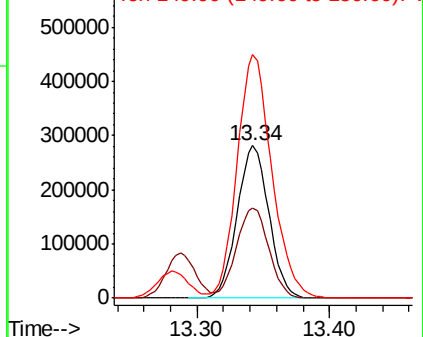
152 100

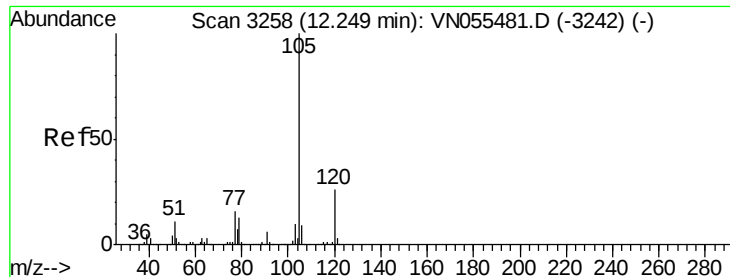
115 60.3 30.1 90.5

150 174.7 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: 53.038 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

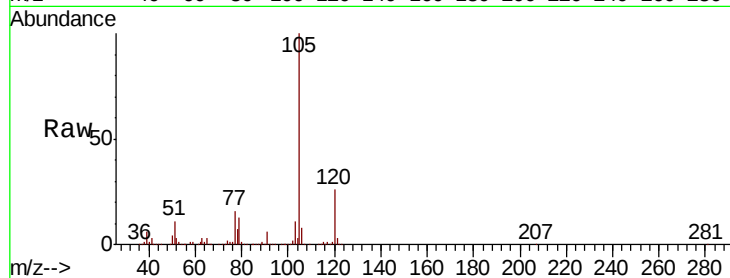
ClientSampled :

Tot Ion:105 Resp: 2038080

Ion Ratio Lower Upper

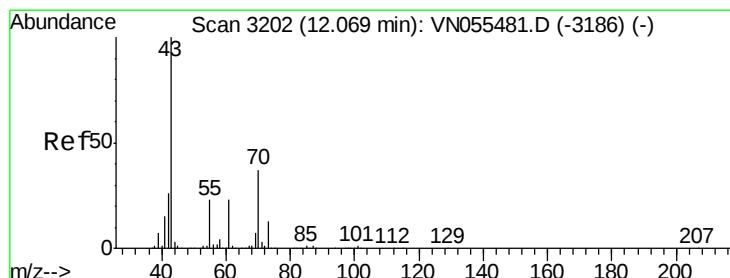
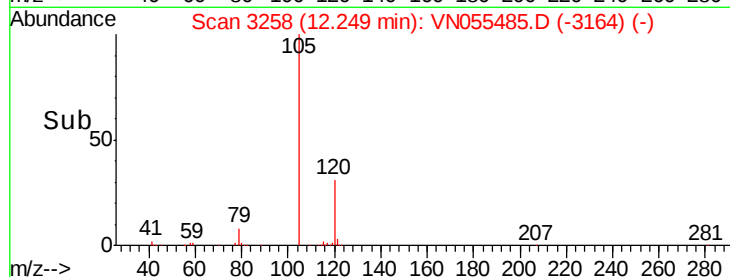
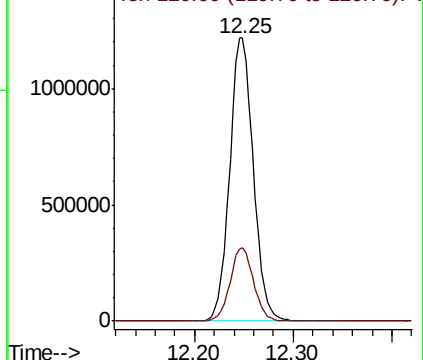
105 100

120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.663 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Tgt Ion: 43 Resp: 792499

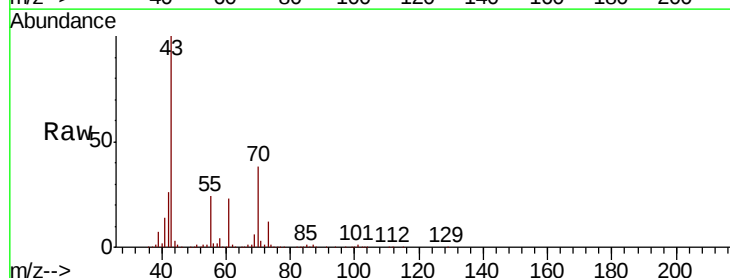
Ion Ratio Lower Upper

43 100

70 38.4 30.7 46.1

55 24.3 19.3 28.9

61 23.1 18.6 27.8

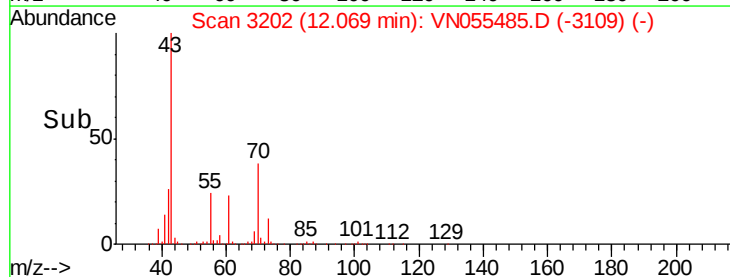
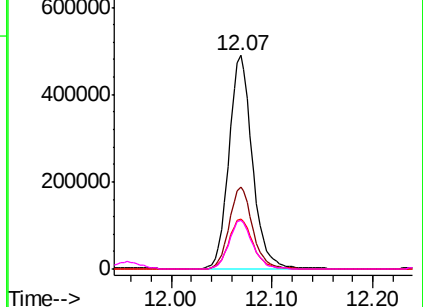


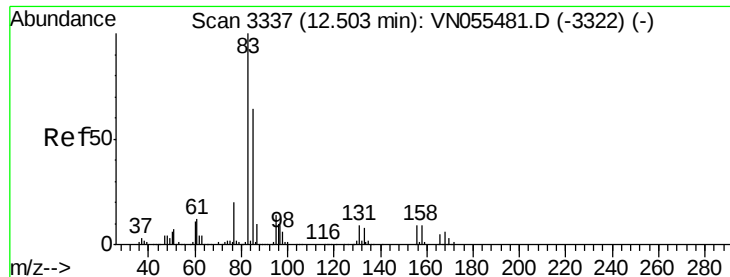
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.925 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

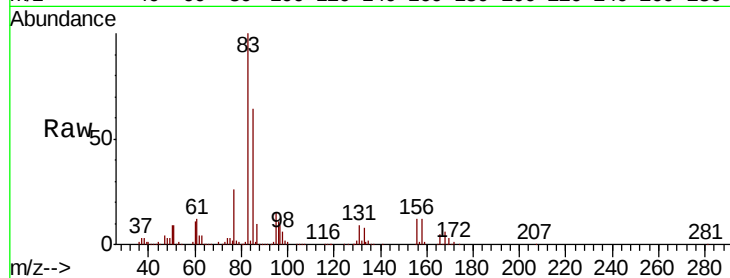
Tot Ion: 83 Resp: 601778

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.5
85	63.8	32.0	96.0

83 100

131 9.0 4.5 13.5

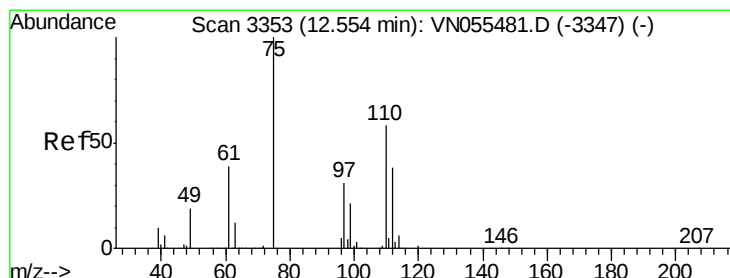
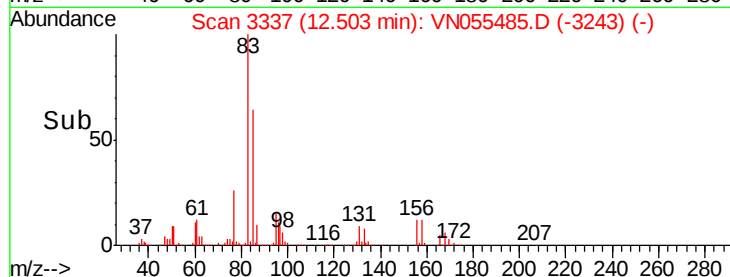
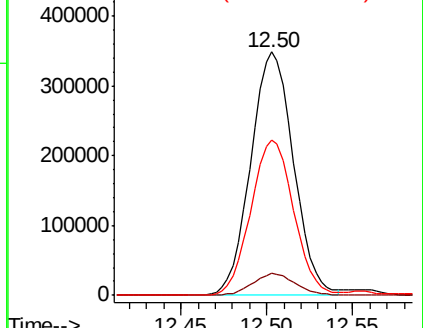
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 59.098 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055485.D

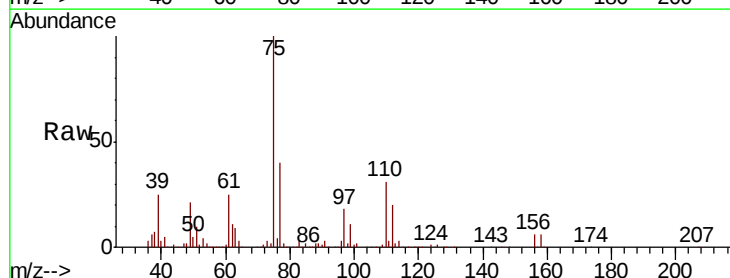
Acq: 9 May 2019 10:03

Tgt Ion: 75 Resp: 751923

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

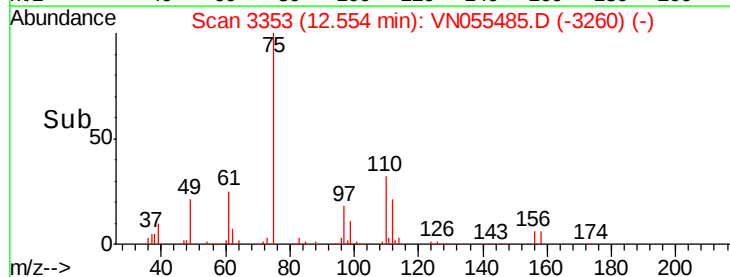
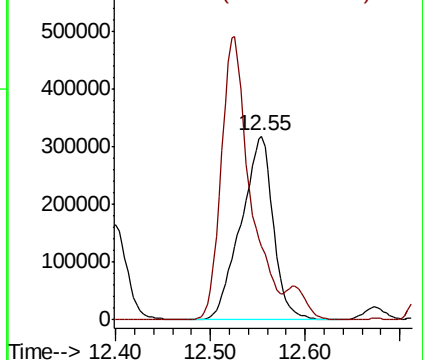
75 100

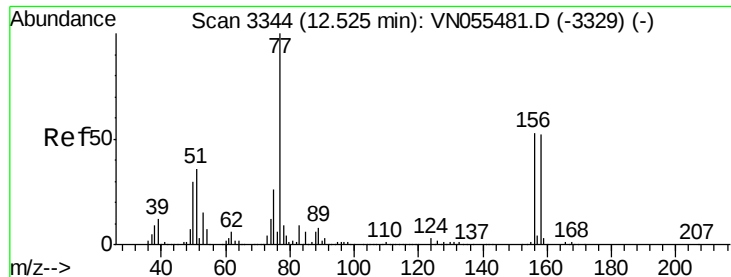
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.994 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampled :

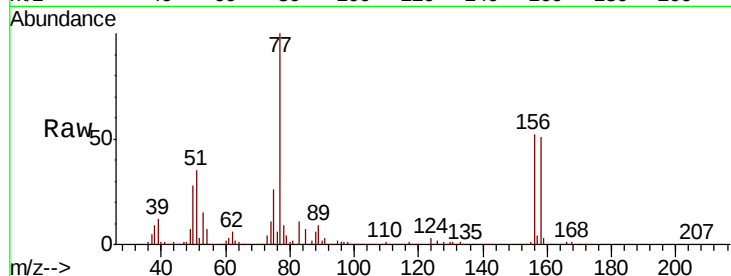
Tot Ion:156 Resp: 463435

Ion Ratio Lower Upper

156 100

77 225.7 115.4 346.2

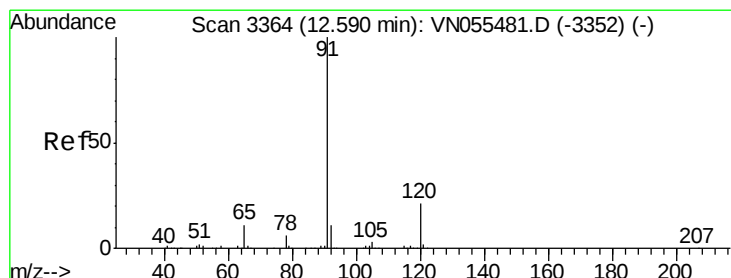
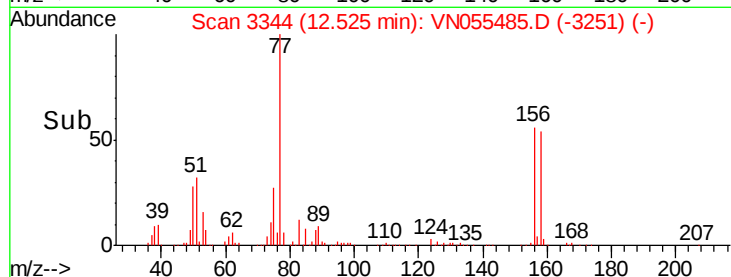
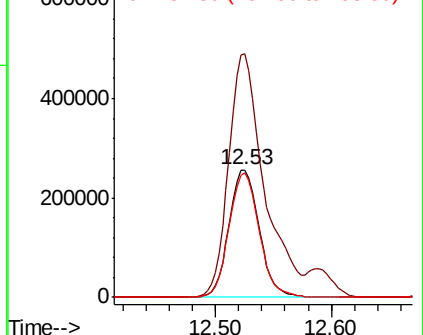
158 97.3 48.7 146.1



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: 47.653 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055485.D

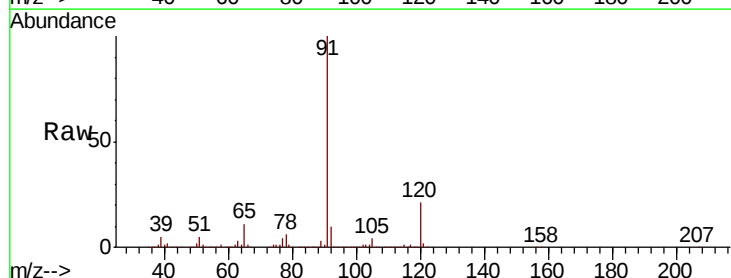
Acq: 9 May 2019 10:03

Tgt Ion: 91 Resp: 2388737

Ion Ratio Lower Upper

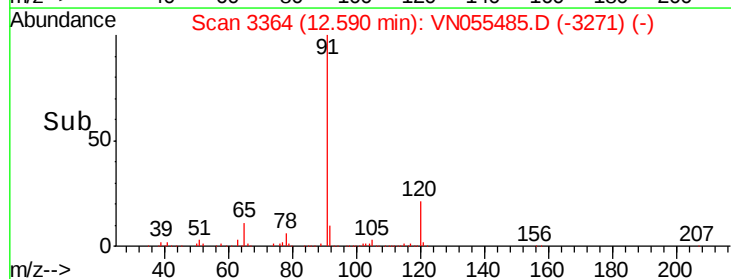
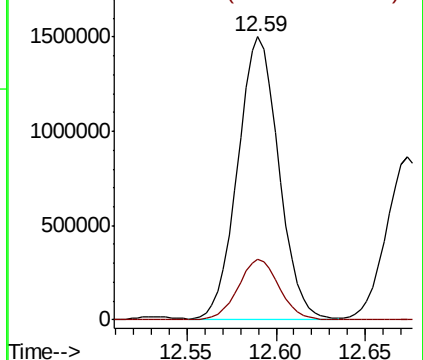
91 100

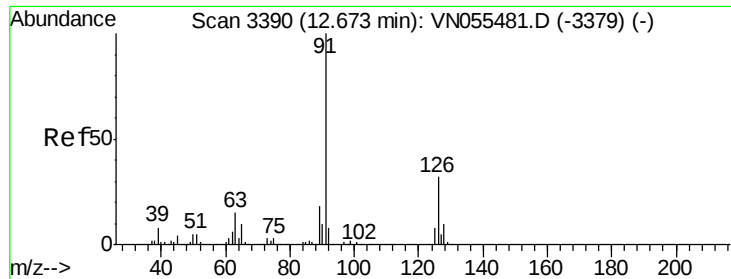
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.617 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

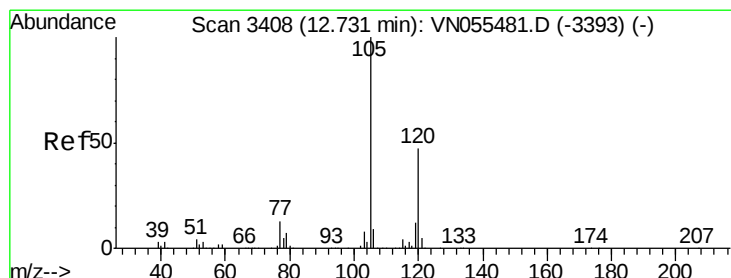
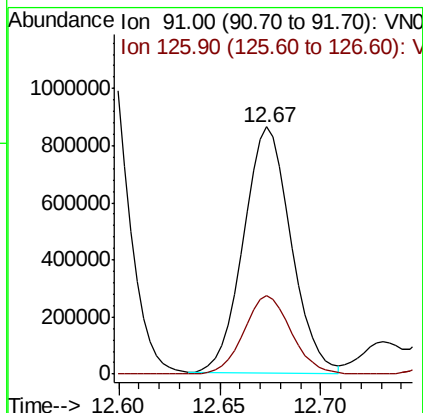
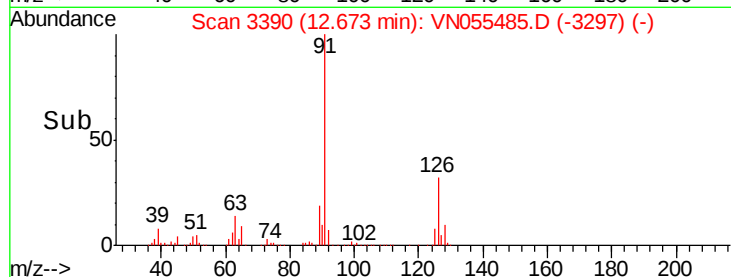
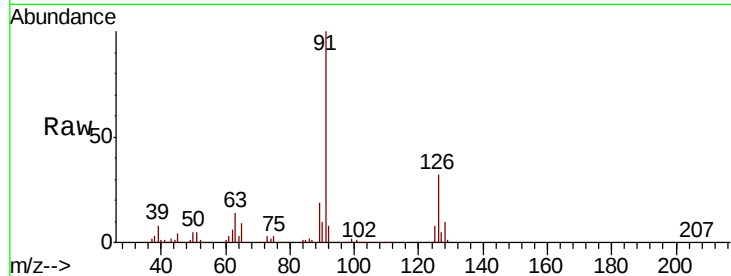
ClientSampleId :

Tot Ion: 91 Resp: 1425097

Ion Ratio Lower Upper

91 100

126 31.9 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 47.096 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055485.D

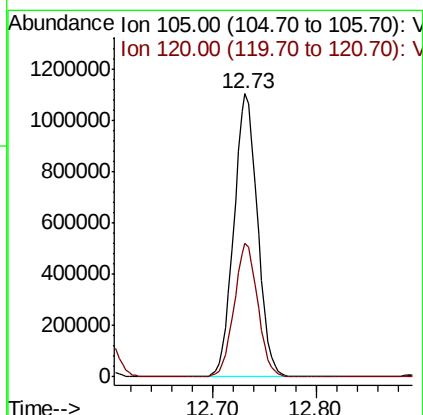
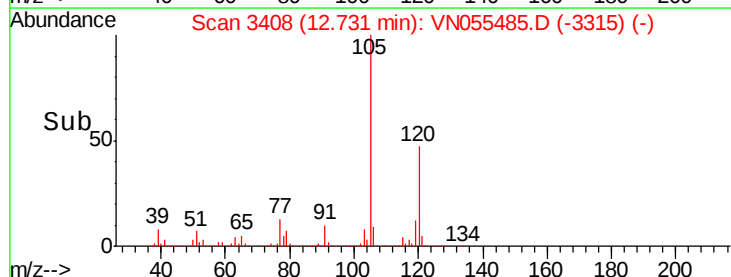
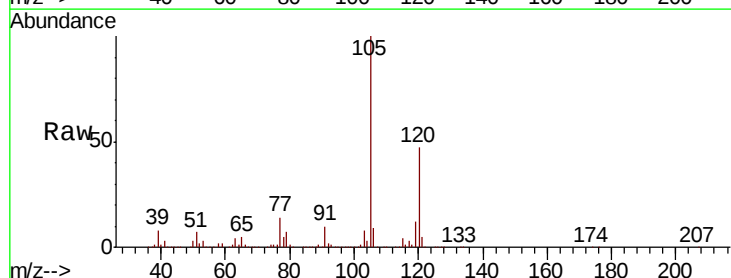
Acq: 9 May 2019 10:03

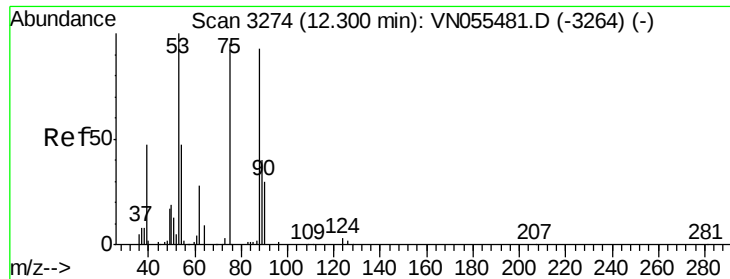
Tgt Ion:105 Resp: 1760335

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.302 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampled :

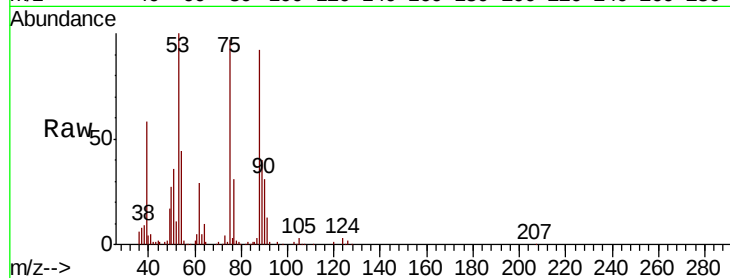
Tot Ion: 75 Resp: 159658

Ion Ratio Lower Upper

75 100

53 106.1 86.5 129.7

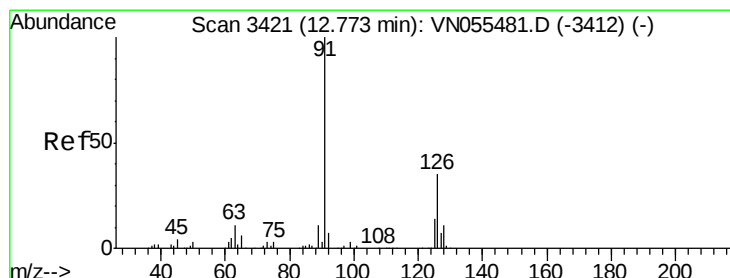
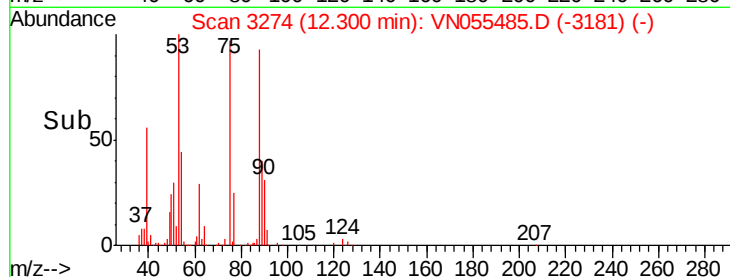
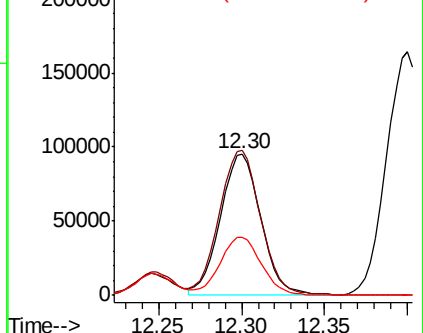
89 42.6 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.656 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055485.D

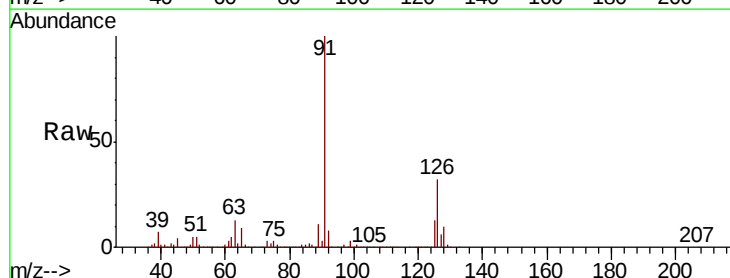
Acq: 9 May 2019 10:03

Tgt Ion: 91 Resp: 1406757

Ion Ratio Lower Upper

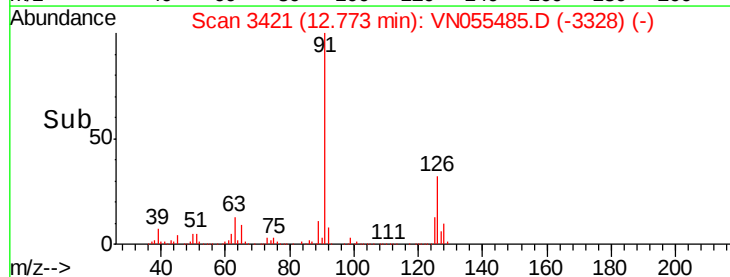
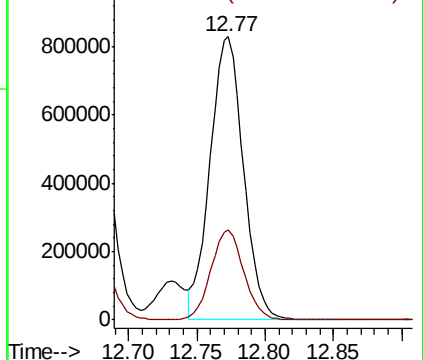
91 100

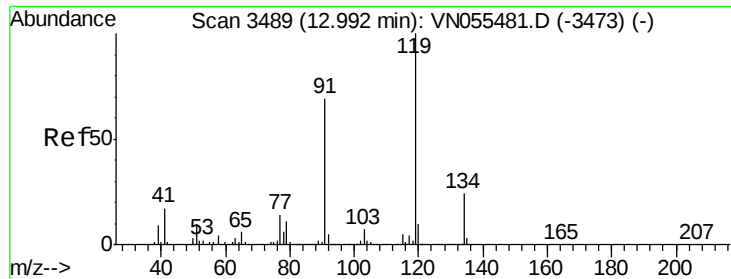
126 31.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

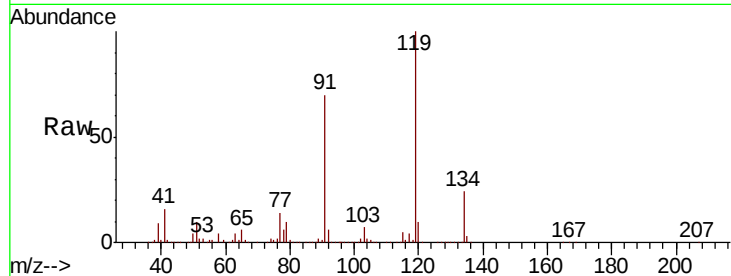




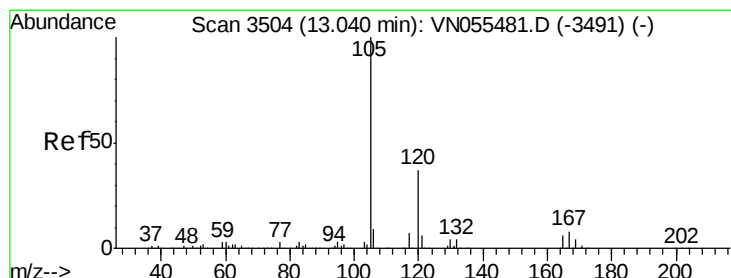
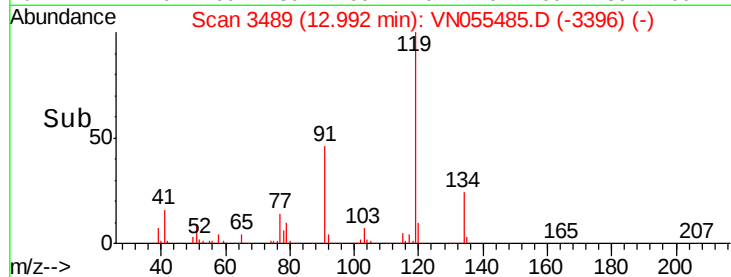
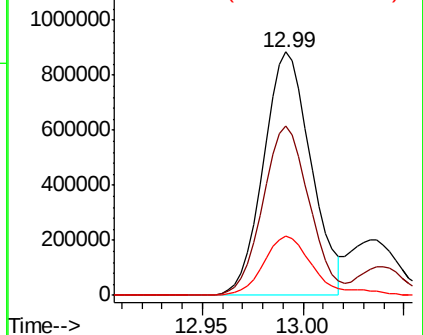
#83
 tert-Butylbenzene
 Concen: 45.150 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1446536
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.8 101.3
 134 25.7 12.5 37.5

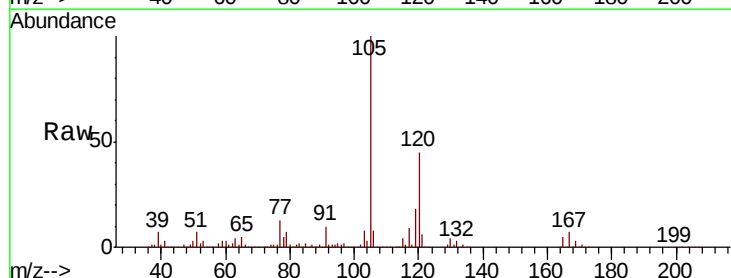


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

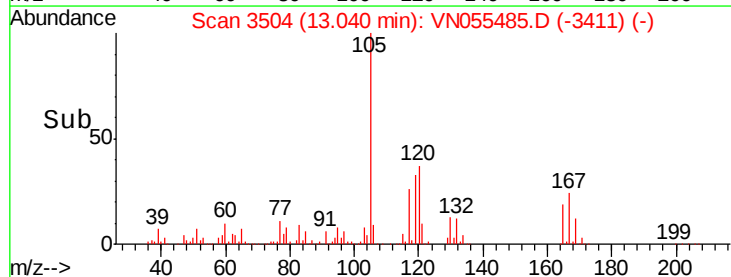
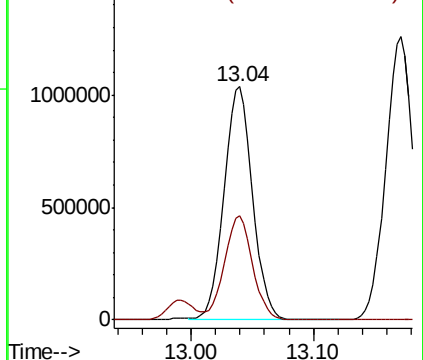


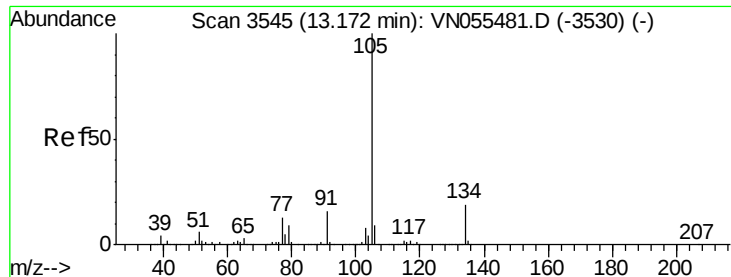
#84
 1,2,4-Trimethylbenzene
 Concen: 49.497 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion:105 Resp: 1696758
 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: 47.082 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

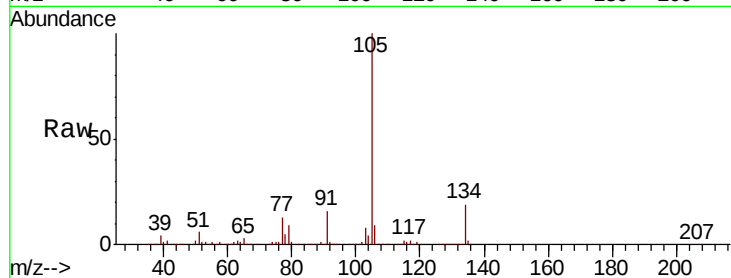
ClientSampled :

Tot Ion:105 Resp: 2004706

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

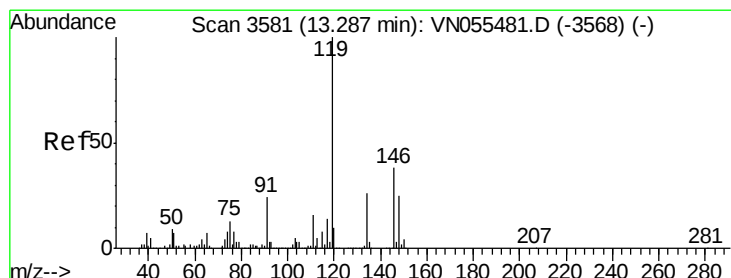
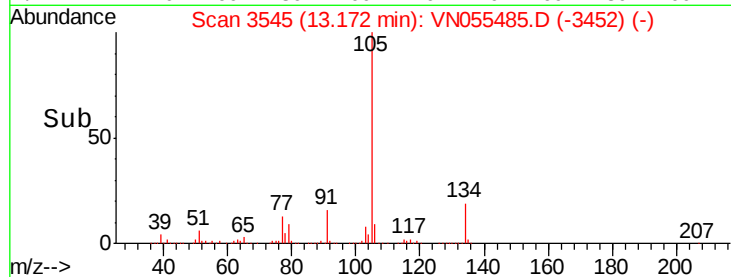
13.17

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.697 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

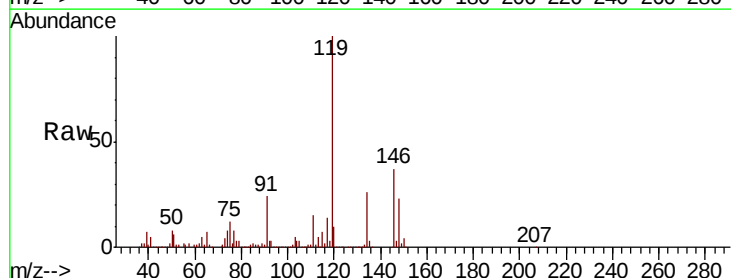
Tgt Ion:119 Resp: 1722141

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

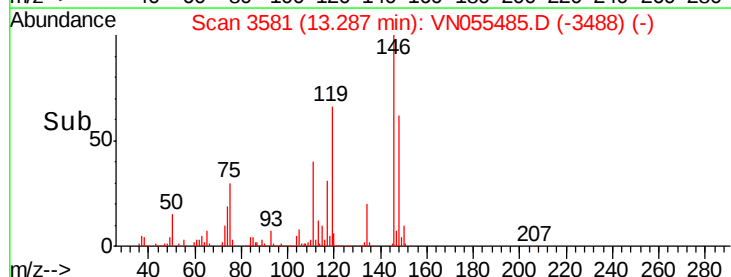
13.29

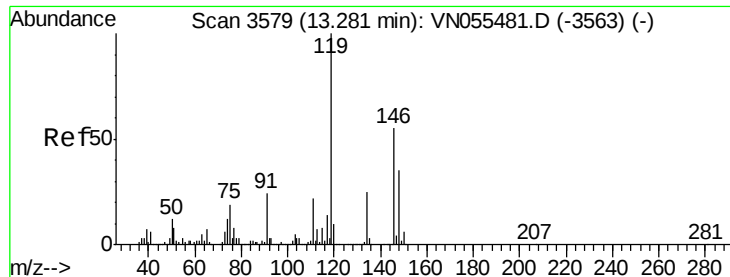
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.552 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampled :

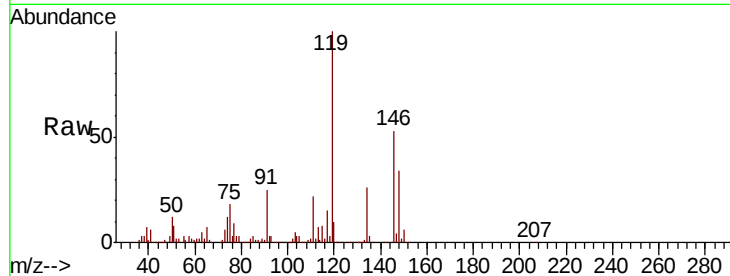
Tot Ion:146 Resp: 804558

Ion Ratio Lower Upper

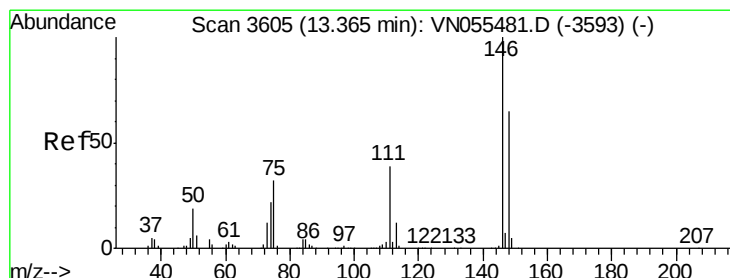
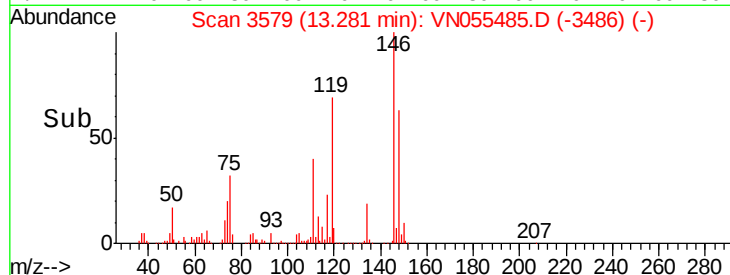
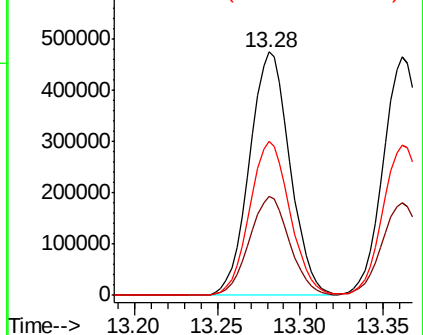
146 100

111 40.3 20.4 61.3

148 63.3 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: 49.665 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

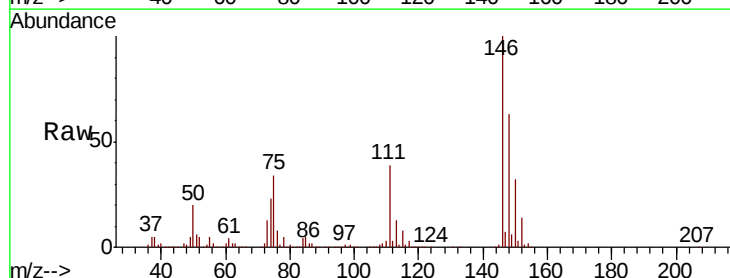
Tgt Ion:146 Resp: 780089

Ion Ratio Lower Upper

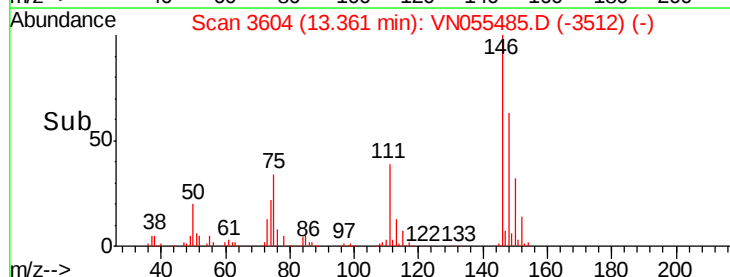
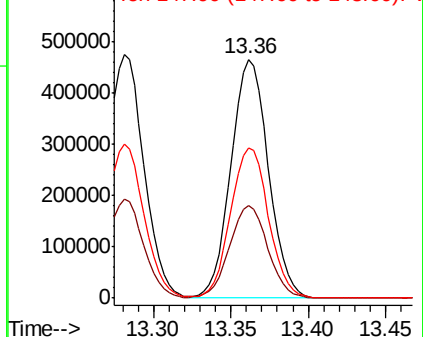
146 100

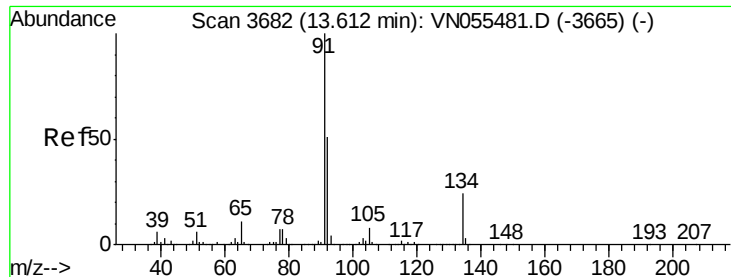
111 39.4 19.6 58.8

148 64.1 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

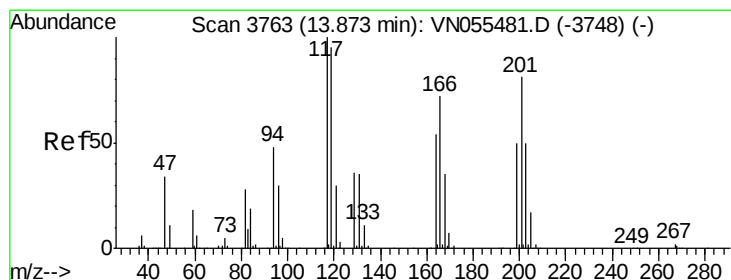
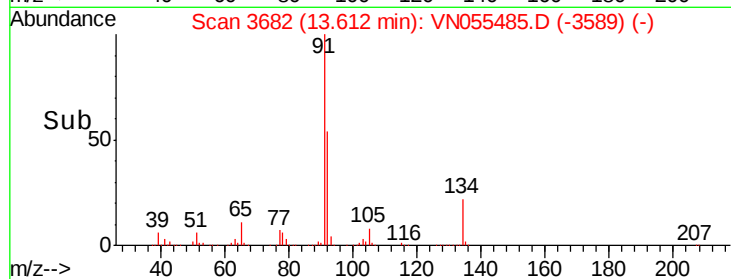
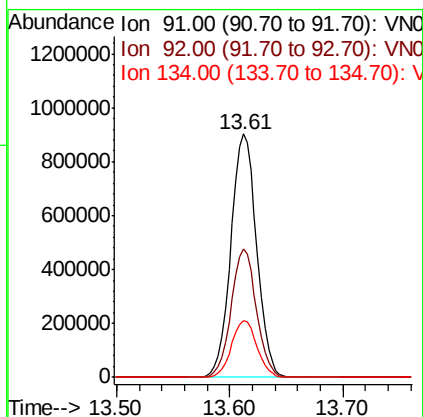
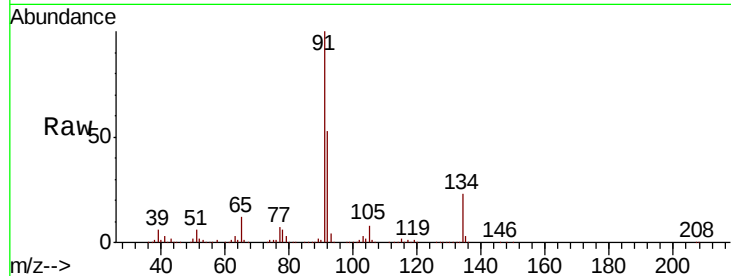




#89
n-Butylbenzene
Concen: 53.002 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

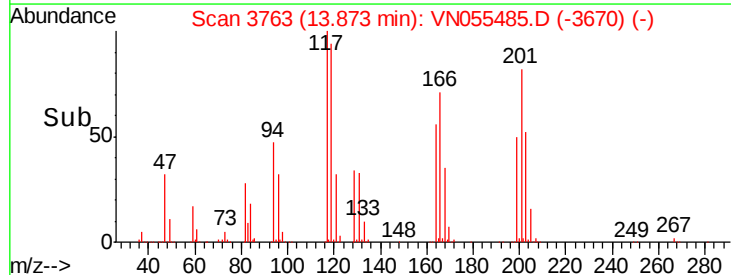
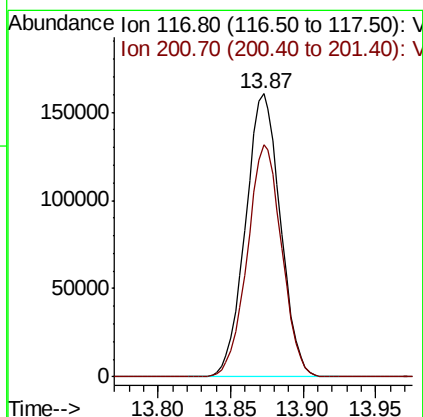
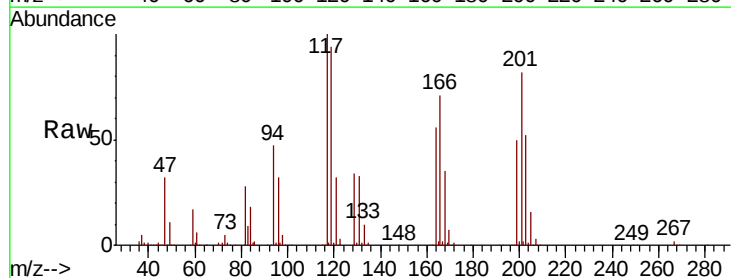
Instrument :
MSVOA_N
ClientSampled :

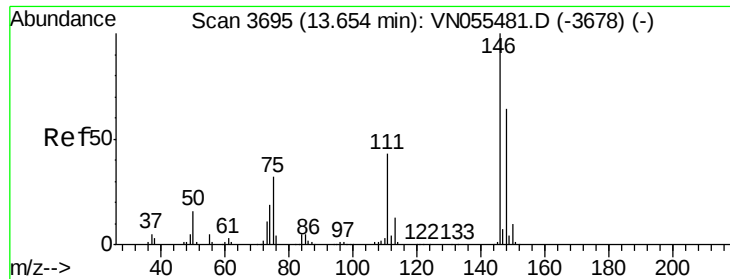
Tot Ion: 91 Resp: 1423660
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.7
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 47.601 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055485.D
Acq: 9 May 2019 10:03

Tgt Ion: 117 Resp: 269078
Ion Ratio Lower Upper
117 100
201 80.8 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 49.095 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampled :

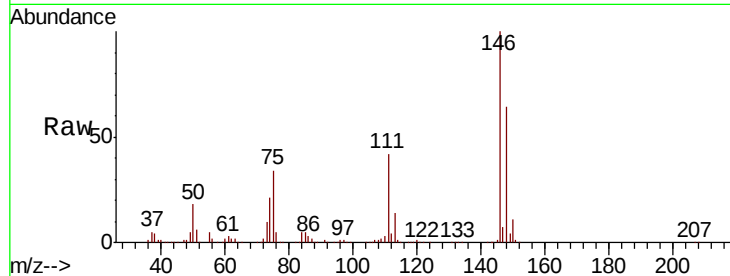
Tot Ion:146 Resp: 780933

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

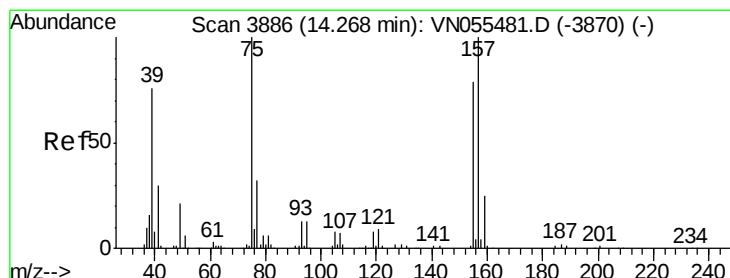
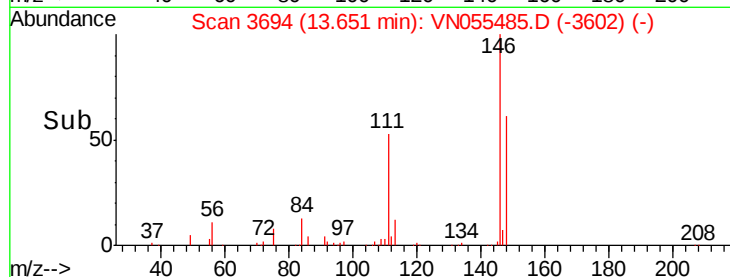
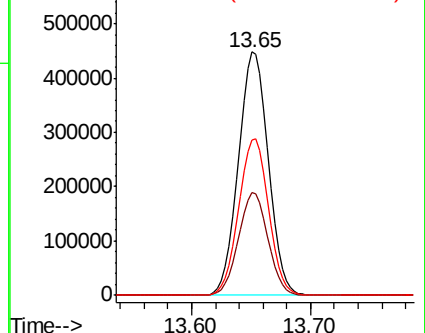
148 64.2 31.9 95.9



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: 45.343 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

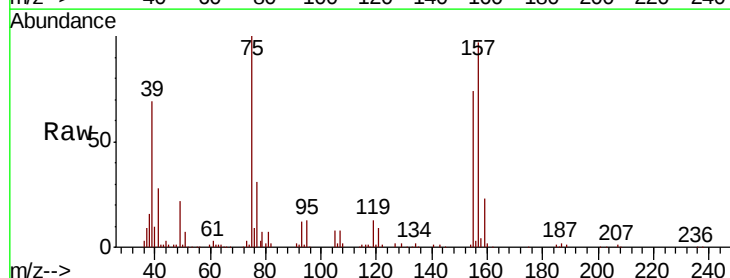
Tgt Ion: 75 Resp: 97449

Ion Ratio Lower Upper

75 100

155 75.1 39.3 117.8

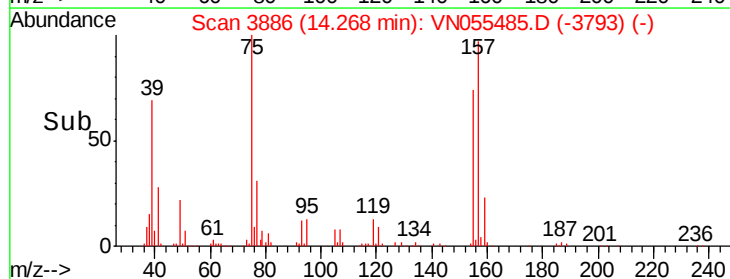
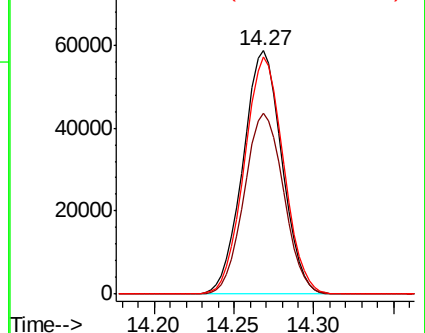
157 97.9 50.6 151.8

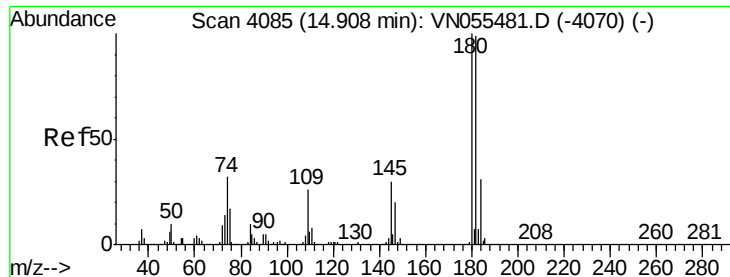


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

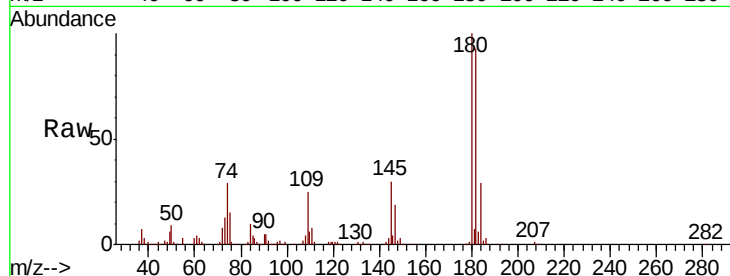




#93
 1,2,4-Trichlorobenzene
 Concen: 46.276 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.7	146.1
145	29.6	15.3	45.9

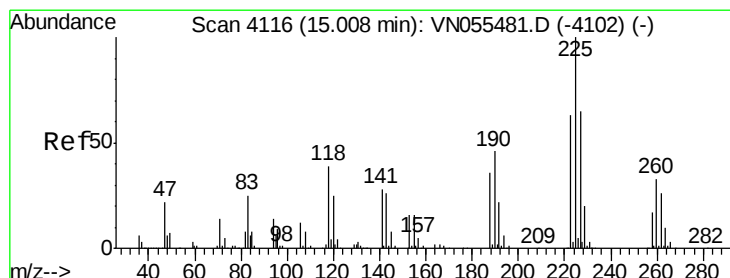
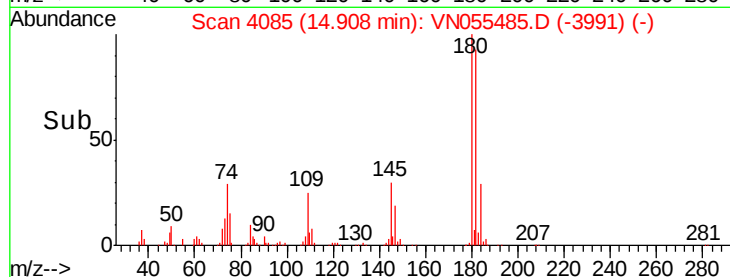
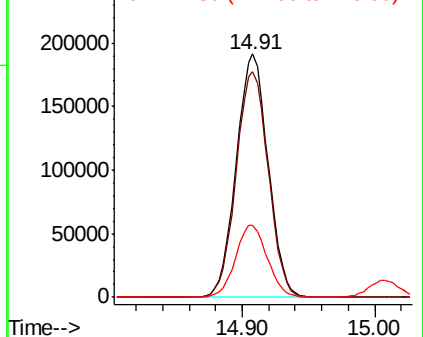


Abundance

Ion 179.80 (179.50 to 180.50): V

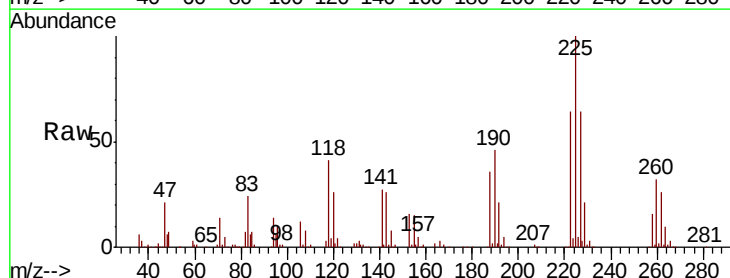
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 56.254 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055485.D
 Acq: 9 May 2019 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.4	94.3
227	64.5	32.0	96.0

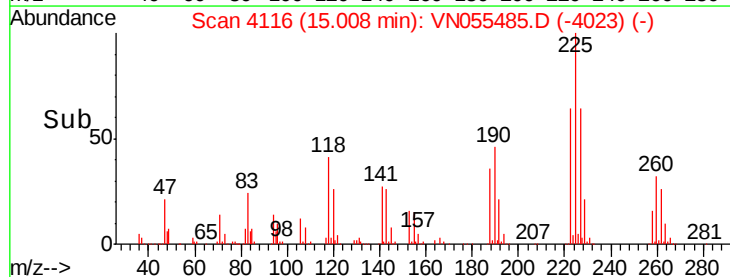
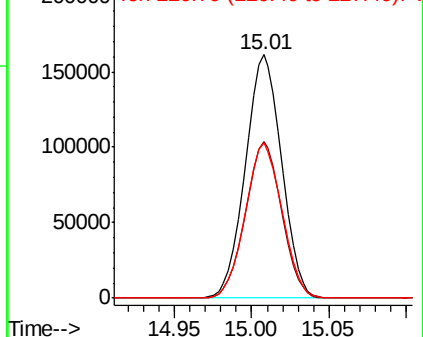


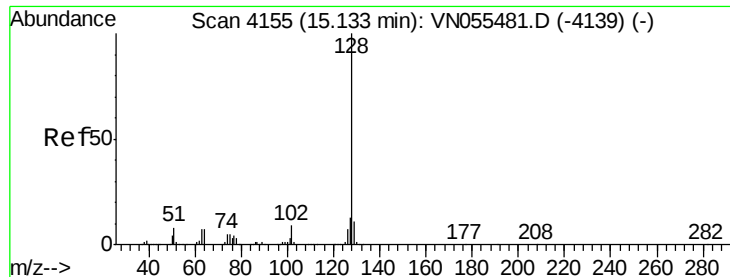
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 40.782 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

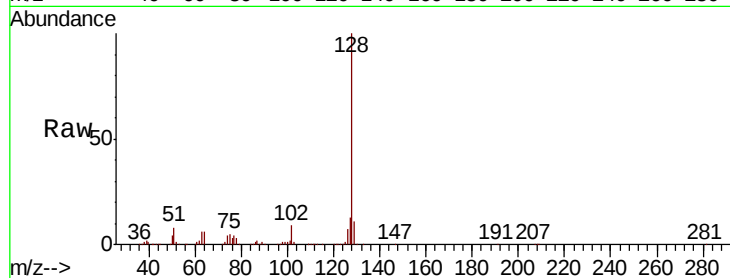
Tot Ion:128 Resp: 783494

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

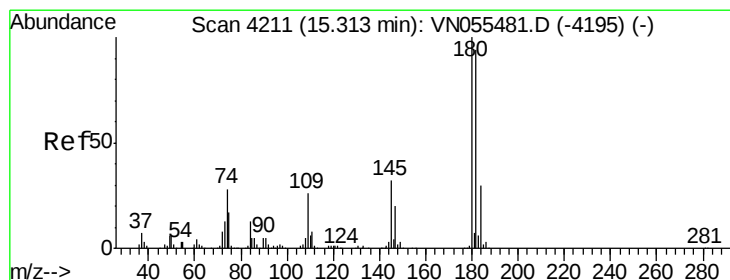
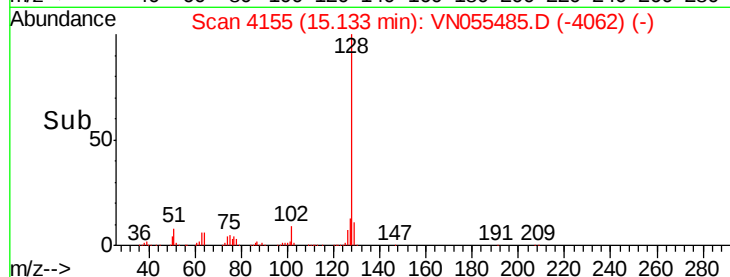
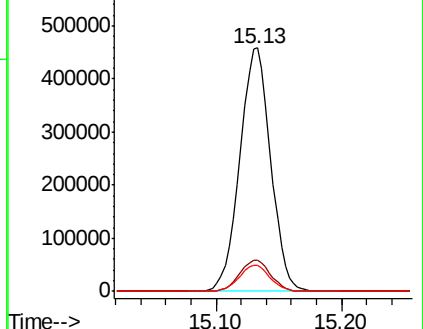
129 10.8 8.8 13.2



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: 45.446 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055485.D

Acq: 9 May 2019 10:03

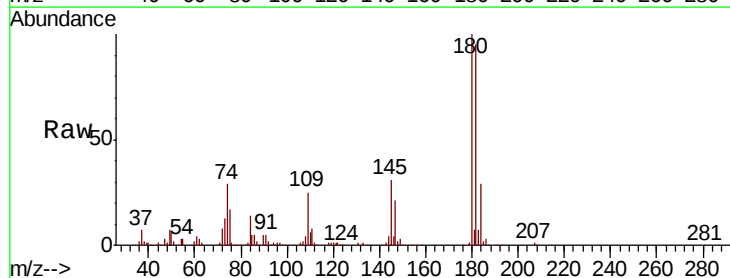
Tgt Ion:180 Resp: 339101

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.4 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

