

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
 Data File : VN055482.D
 Acq On : 8 May 2019 18:14
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 09 03:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 03:36:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	722564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1261589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1131073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	513641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1058306	108.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.06%	
35) Dibromofluoromethane	7.59	113	803701	96.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.48%	
50) Toluene-d8	10.09	98	3182628	104.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.84%	
62) 4-Bromofluorobenzene	12.40	95	1140917	118.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	684733	80.836	ug/l	99
3) Chloromethane	2.06	50	1109671	100.493	ug/l	99
4) Vinyl Chloride	2.19	62	1064558	115.701	ug/l	99
5) Bromomethane	2.52	94	578419	117.352	ug/l	99
6) Chloroethane	2.68	64	611631	120.994	ug/l	97
7) Trichlorofluoromethane	3.00	101	1172657	93.399	ug/l	99
8) Diethyl Ether	3.41	74	529627	115.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	740471	98.369	ug/l	100
10) Methyl Iodide	3.94	142	1105324	104.620	ug/l	100
11) Tert butyl alcohol	4.82	59	836333	1100.570	ug/l	100
12) 1,1-Dichloroethene	3.72	96	765087	105.364	ug/l	98
13) Acrolein	3.61	56	544547	999.092	ug/l	98
14) Allyl chloride	4.32	41	1623434	107.960	ug/l	98
15) Acrylonitrile	5.00	53	2509485	744.846	ug/l	99
16) Acetone	3.82	43	2281669	692.590	ug/l	98
17) Carbon Disulfide	4.04	76	2213039	116.253	ug/l	99
18) Methyl Acetate	4.33	43	1041483	114.370	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	2631583	125.192	ug/l	99
20) Methylene Chloride	4.54	84	932855	101.446	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	838771	108.734	ug/l	98
22) Diisopropyl ether	5.96	45	3320123	110.525	ug/l	99
23) Vinyl Acetate	5.90	43	13831545	680.633	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1717675	107.322	ug/l	99
25) 2-Butanone	6.84	43	3585540	828.474	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1109998	101.872	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	971701	110.178	ug/l	98
28) Bromochloromethane	7.19	49	910993	111.632	ug/l	99
29) Tetrahydrofuran	7.22	42	2327178	839.331	ug/l	99
30) Chloroform	7.37	83	1582772	104.702	ug/l	99
31) Cyclohexane	7.65	56	1646929	107.291	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1243214	102.228	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1249920	101.835	ug/l	99
37) Ethyl Acetate	6.94	43	1385059	136.886	ug/l	99
38) Carbon Tetrachloride	7.77	117	1026619	89.189	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1492266	112.840	ug/l	99
40) Benzene	8.04	78	3798630	104.724	ug/l	99
41) Methacrylonitrile	7.18	41	643177	123.028	ug/l	94
42) 1,2-Dichloroethane	8.13	62	1283506	100.351	ug/l	99
43) Isopropyl Acetate	8.17	43	2201137	137.659	ug/l	98
44) Trichloroethene	8.84	130	876580	95.963	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1073968	103.036	ug/l	99
46) Dibromomethane	9.21	93	618255	107.232	ug/l	98
47) Bromodichloromethane	9.40	83	1239760	102.199	ug/l	99
48) Methyl methacrylate	9.20	41	1077220	137.833	ug/l	99
49) 1,4-Dioxane	9.21	88	402802	4149.262	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	7123092	763.311	ug/l	100
52) Toluene	10.16	92	2241376	107.590	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1336595	124.837	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1547479	116.757	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	881986	112.629	ug/l	99
56) Ethyl methacrylate	10.43	69	1476642	147.396	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1593157	115.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2330416	857.255	ug/l	99
59) 2-Hexanone	10.75	43	5005836	832.145	ug/l	100
60) Dibromochloromethane	10.90	129	875242	111.789	ug/l	99
61) 1,2-Dibromoethane	11.00	107	886249	121.267	ug/l	99
64) Tetrachloroethene	10.63	164	820665	88.206	ug/l	99
65) Chlorobenzene	11.43	112	2254087	100.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	801861	93.143	ug/l	100
67) Ethyl Benzene	11.51	91	4331983	106.603	ug/l	99
68) m/p-Xylenes	11.62	106	3143909	216.241	ug/l	100
69) o-Xylene	11.95	106	1531505	106.249	ug/l	100
70) Styrene	11.96	104	2636682	118.508	ug/l	100
71) Bromoform	12.13	173	603797	122.846	ug/l #	99
73) Isopropylbenzene	12.25	105	4069873	78.915	ug/l	99
74) N-amyl acetate	12.07	43	1873276	131.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1324493	97.028	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1637295	133.465	ug/l #	100
77) Bromobenzene	12.53	156	944702	80.987	ug/l	99
78) n-propylbenzene	12.59	91	4779510	89.523	ug/l	100
79) 2-Chlorotoluene	12.67	91	2825770	82.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3539591	86.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	376557	128.057	ug/l	95
82) 4-Chlorotoluene	12.77	91	2895491	92.942	ug/l	100
83) tert-Butylbenzene	12.99	119	2901750	79.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3487282	95.573	ug/l	99
85) sec-Butylbenzene	13.17	105	3998880	89.843	ug/l	100
86) p-Isopropyltoluene	13.29	119	3503861	95.917	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1663973	95.768	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1635453	99.894	ug/l	99
89) n-Butylbenzene	13.61	91	3096213	117.556	ug/l	99
90) Hexachloroethane	13.87	117	560424	82.513	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1612969	93.574	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	235036	155.863	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 09 03:36:06 2019
Response via : Initial Calibration

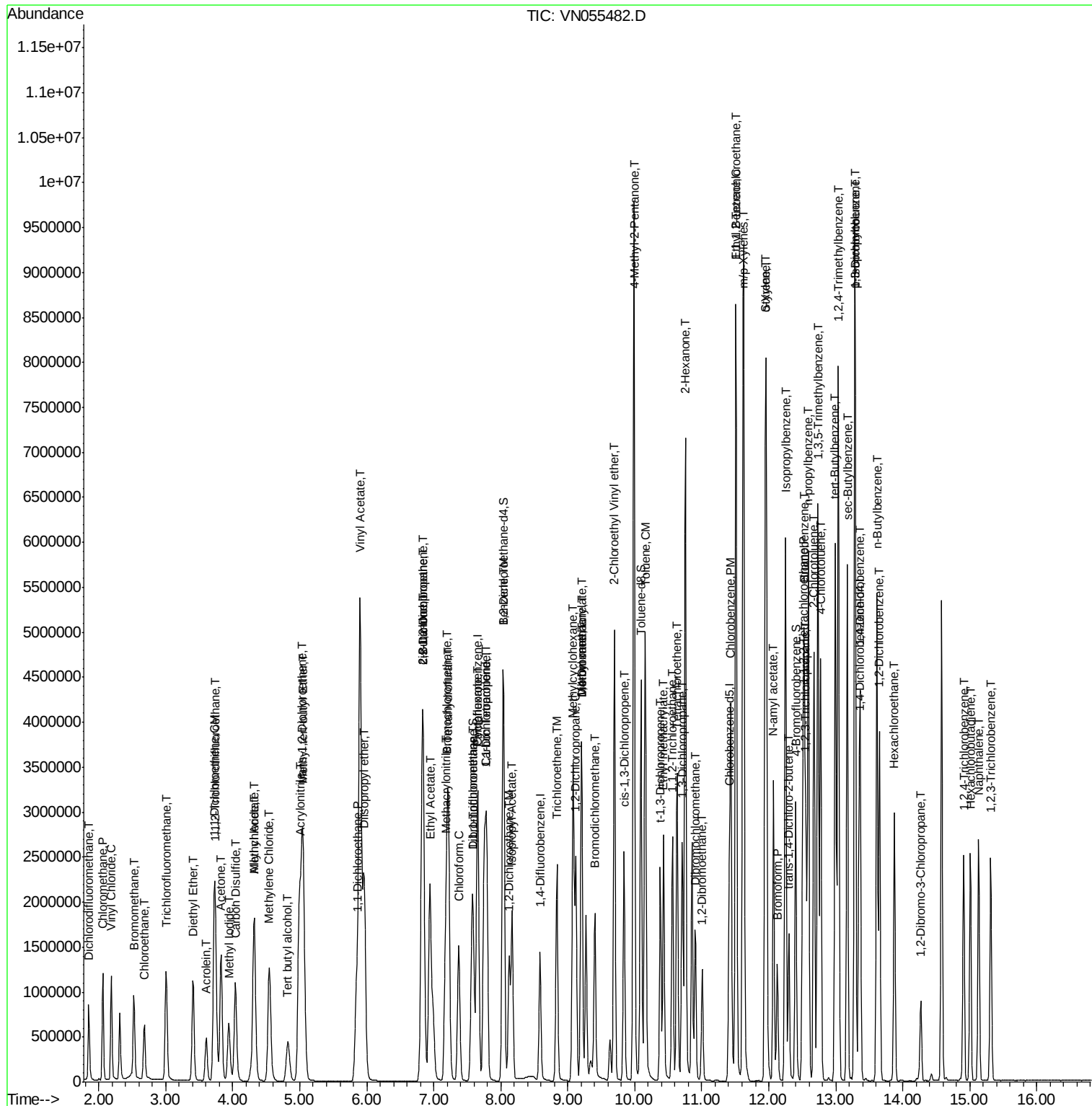
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	803482	146.083	ug/l	98
94) Hexachlorobutadiene	15.01	225	499277	78.951	ug/l	100
95) Naphthalene	15.13	128	2246642	175.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	855505	148.384	ug/l	99

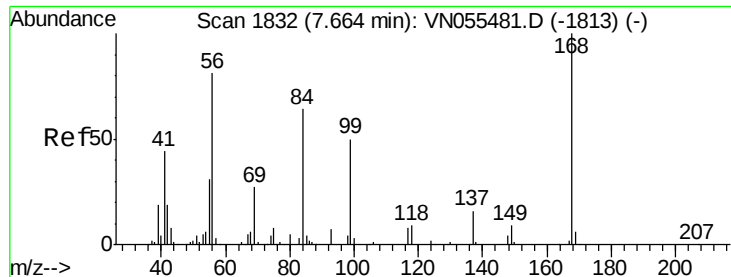
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

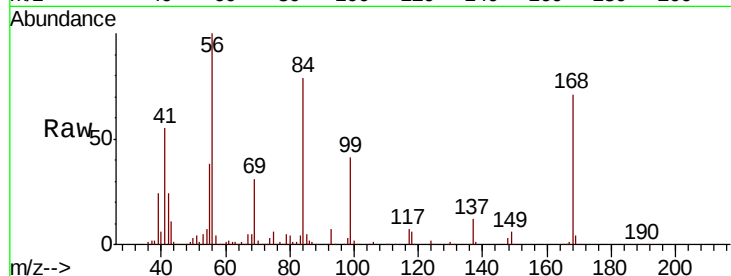
VSTDIC100

Tot Ion:168 Resp: 722564

Ion Ratio Lower Upper

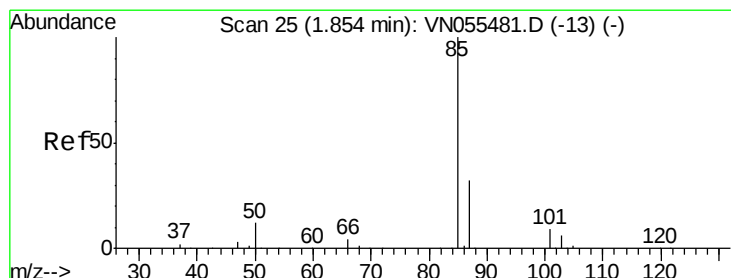
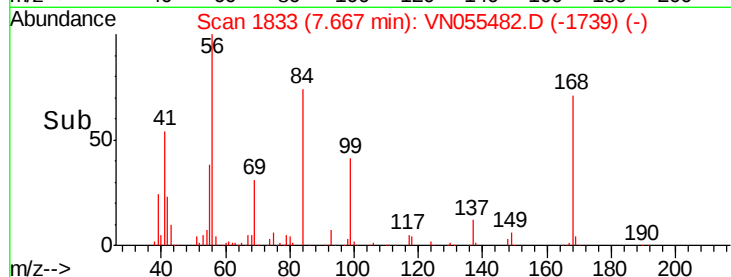
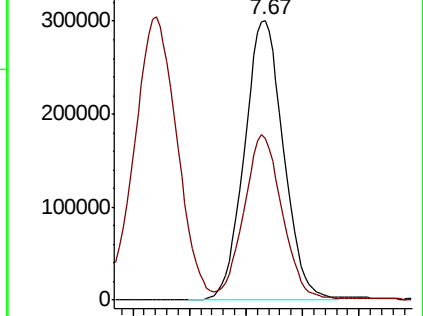
168 100

99 57.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 80.836 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055482.D

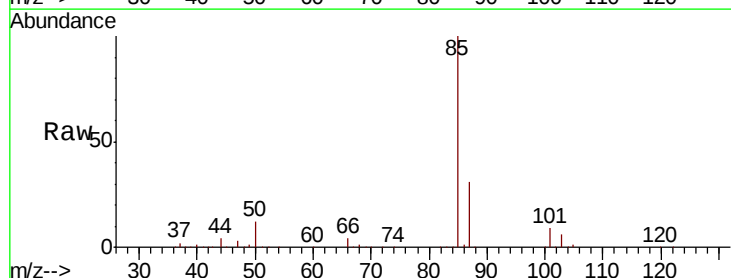
Acq: 8 May 2019 18:14

Tgt Ion: 85 Resp: 684733

Ion Ratio Lower Upper

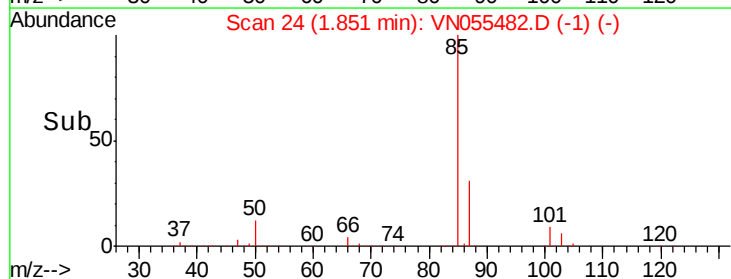
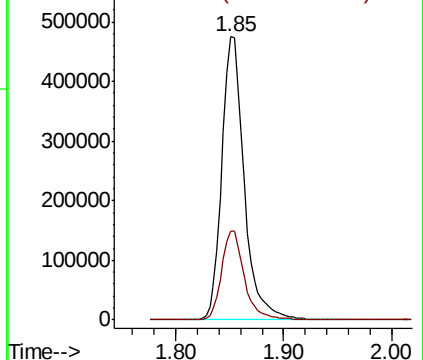
85 100

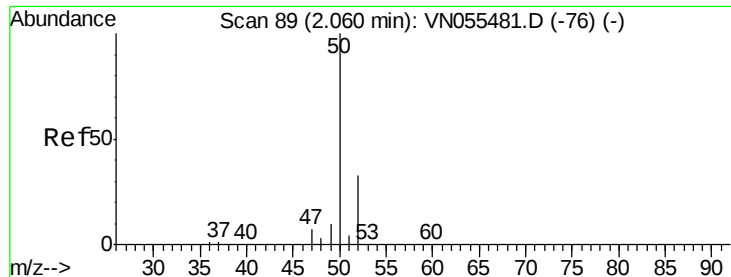
87 31.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 100.493 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

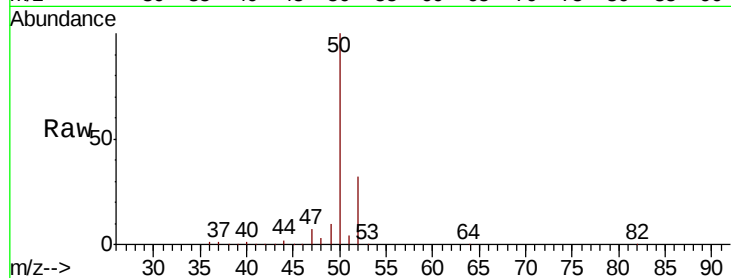
VSTDIC100

Tot Ion: 50 Resp: 1109671

Ion Ratio Lower Upper

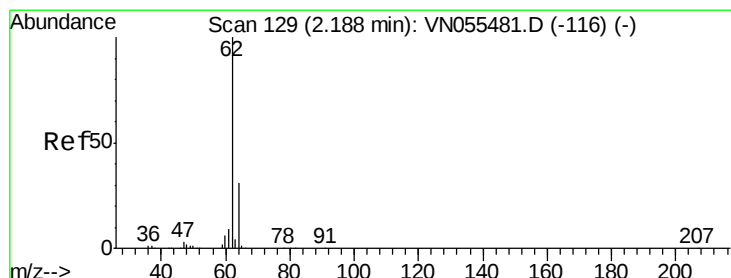
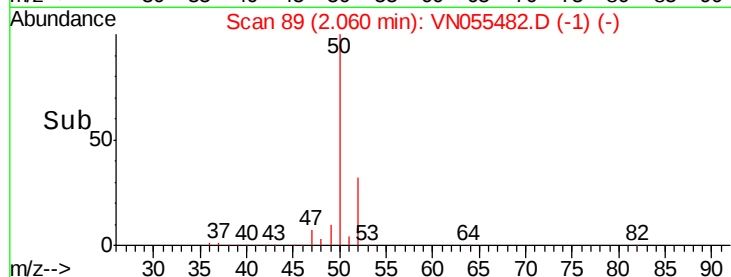
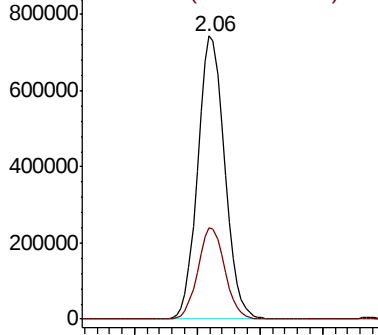
50 100

52 32.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 115.701 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055482.D

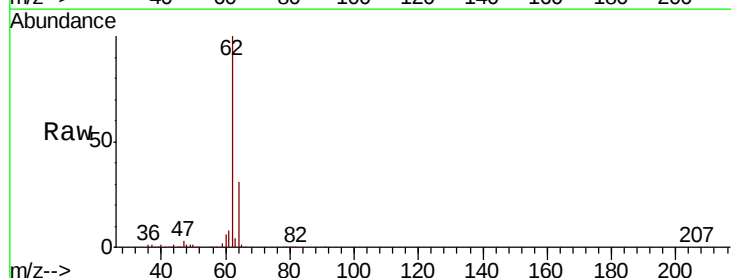
Acq: 8 May 2019 18:14

Tgt Ion: 62 Resp: 1064558

Ion Ratio Lower Upper

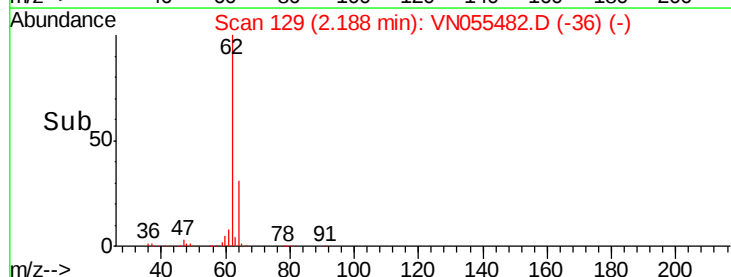
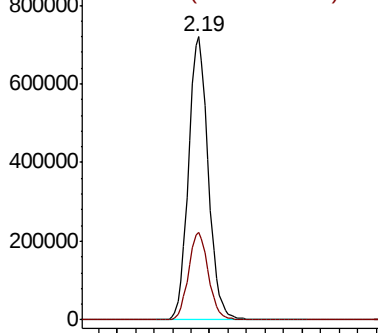
62 100

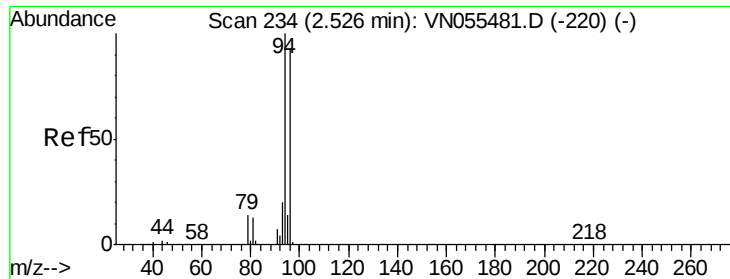
64 31.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 117.352 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

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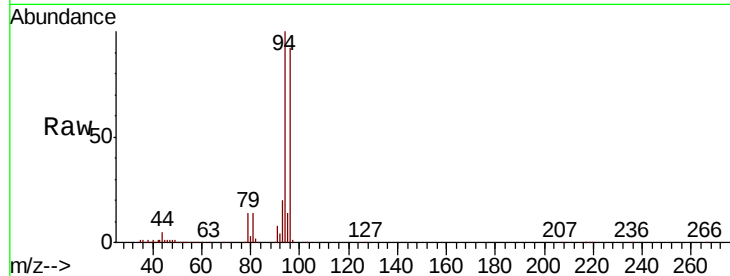
VSTDIC100

Tot Ion: 94 Resp: 578419

Ion Ratio Lower Upper

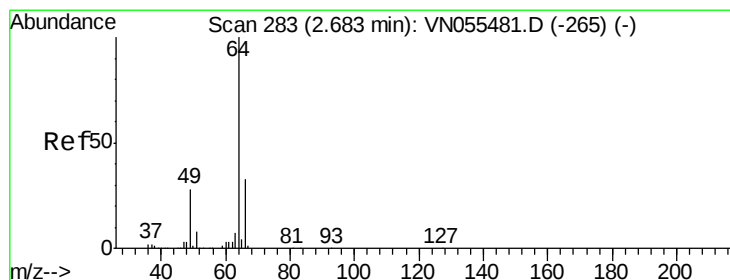
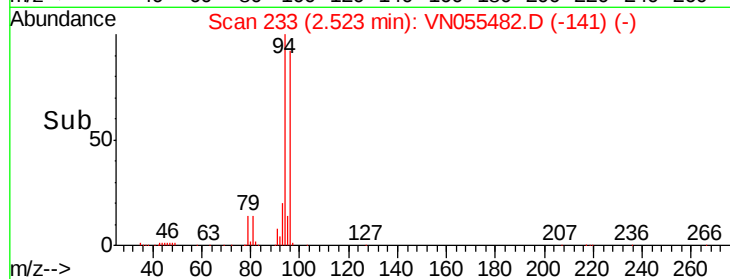
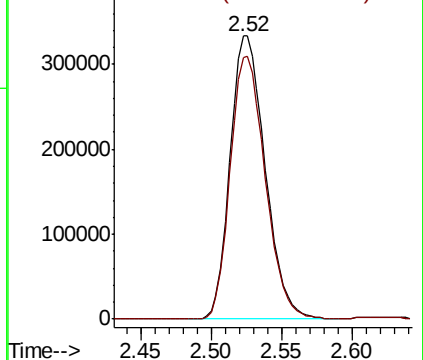
94 100

96 92.4 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: 120.994 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN055482.D

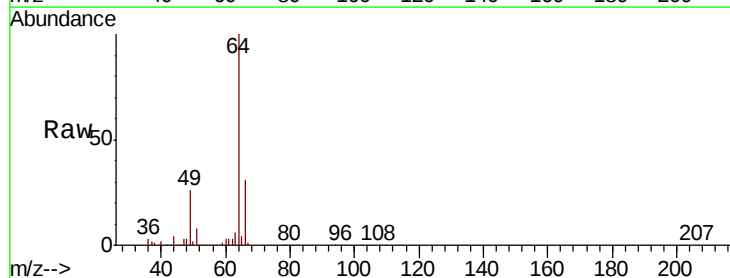
Acq: 8 May 2019 18:14

Tgt Ion: 64 Resp: 611631

Ion Ratio Lower Upper

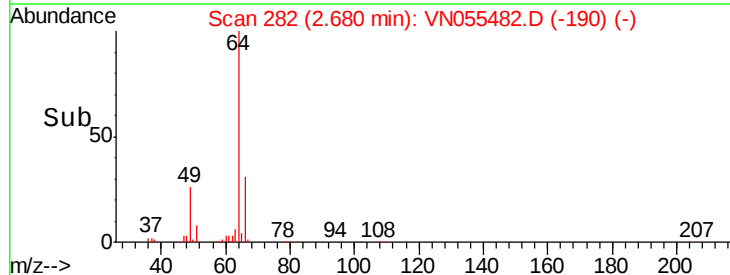
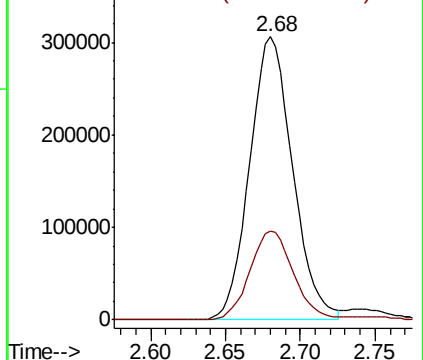
64 100

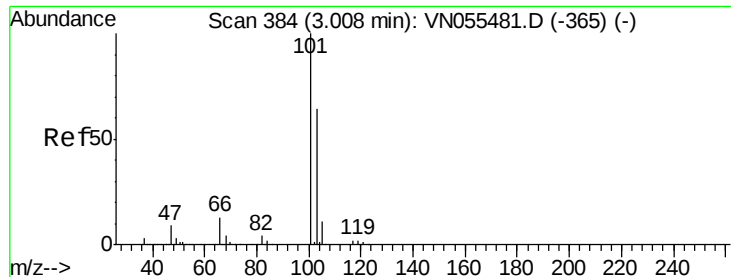
66 31.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



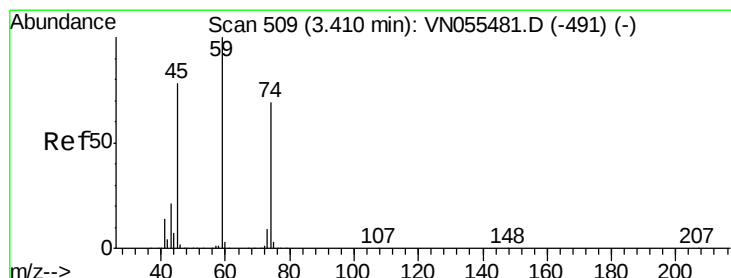
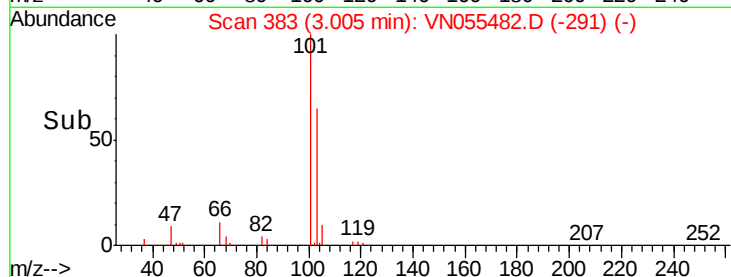
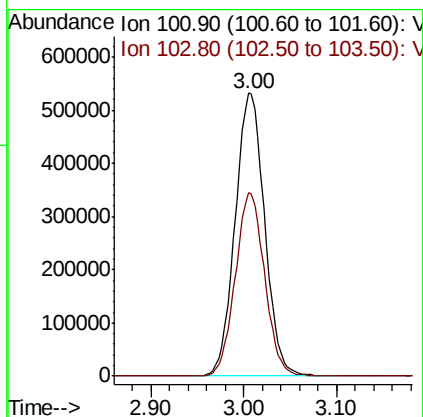
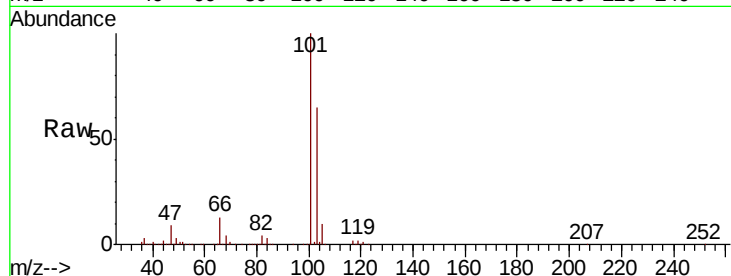


#7

Trichlorofluoromethane
Concen: 93.399 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Instrument :
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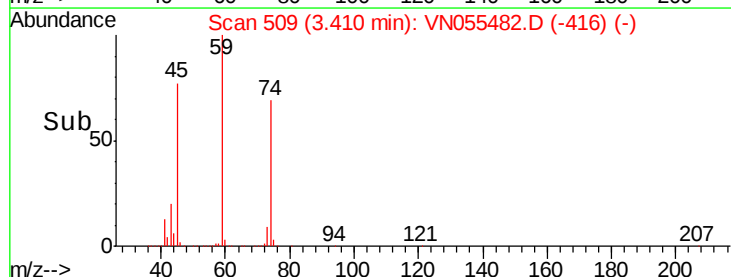
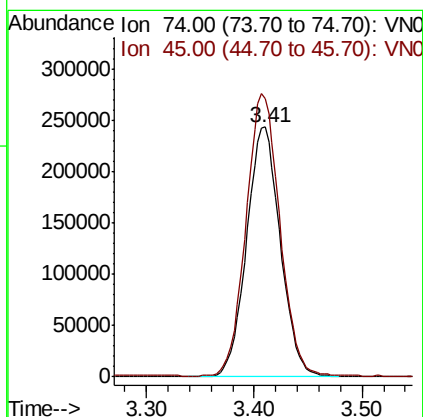
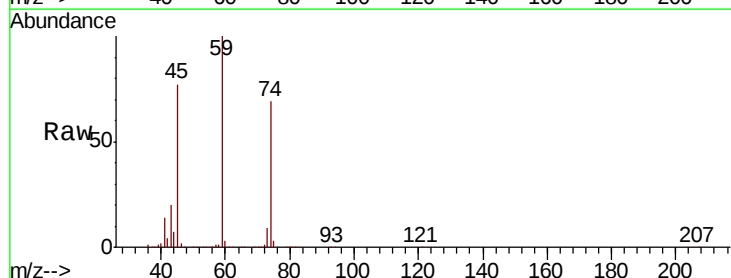
Tot Ion:101 Resp: 1172657
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

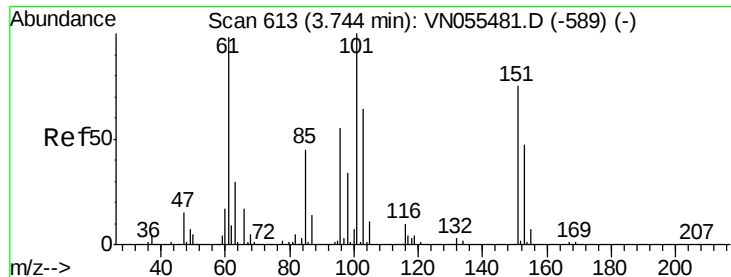


#8

Diethyl Ether
Concen: 115.997 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 74 Resp: 529627
Ion Ratio Lower Upper
74 100
45 113.3 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.369 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

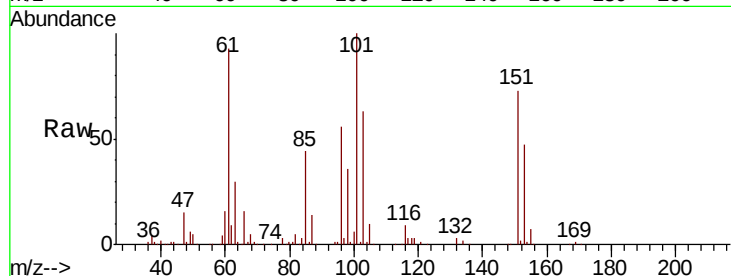
Tot Ion:101 Resp: 740471

Ion Ratio Lower Upper

101 100

85 44.8 35.5 53.3

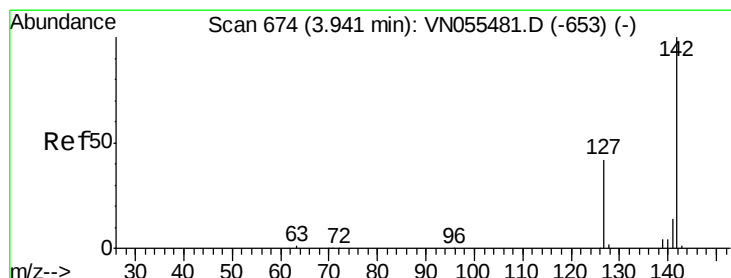
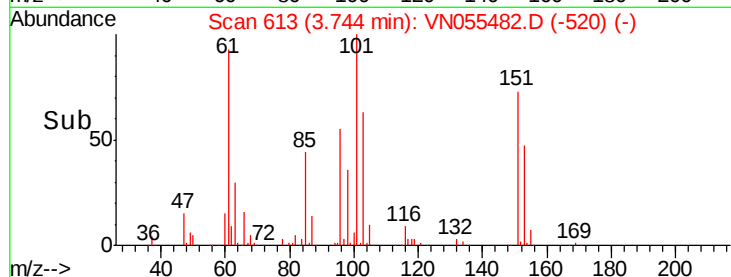
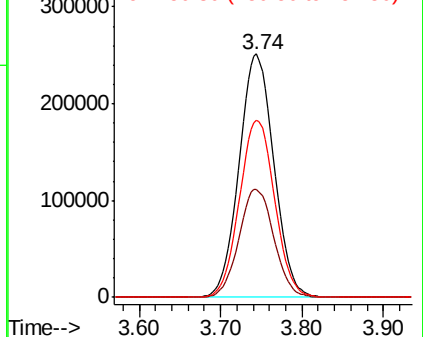
151 73.7 59.2 88.8



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: 104.620 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

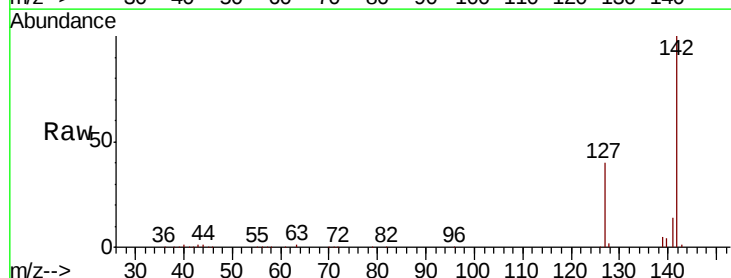
Tgt Ion:142 Resp: 1105324

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.4

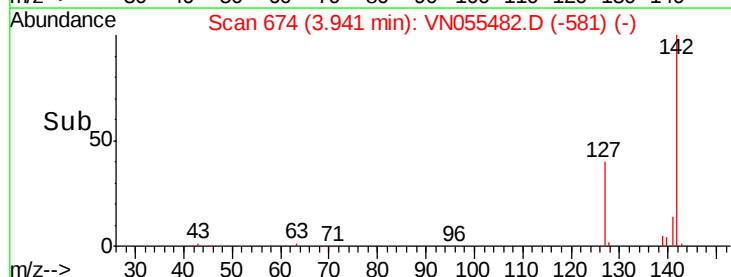
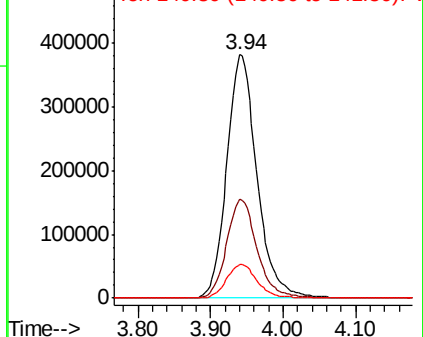
141 14.2 11.4 17.0

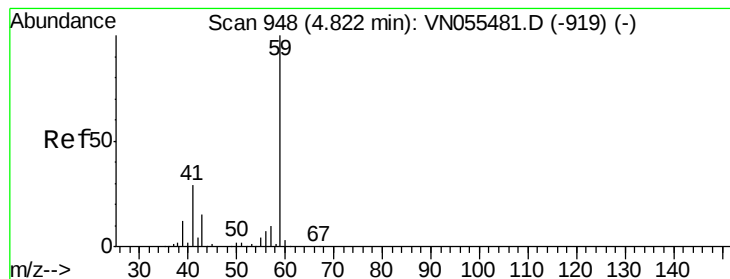


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



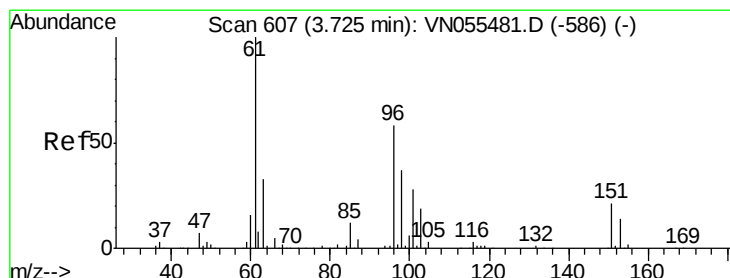
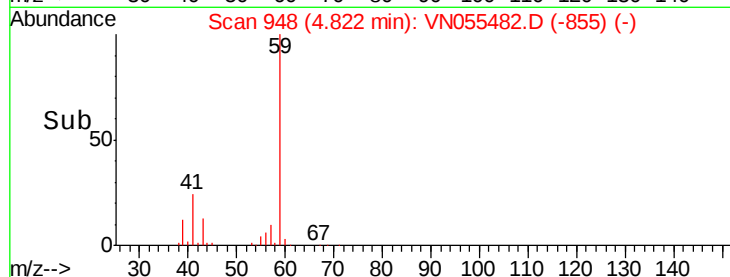
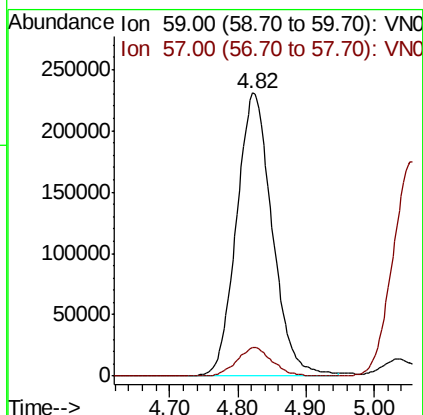
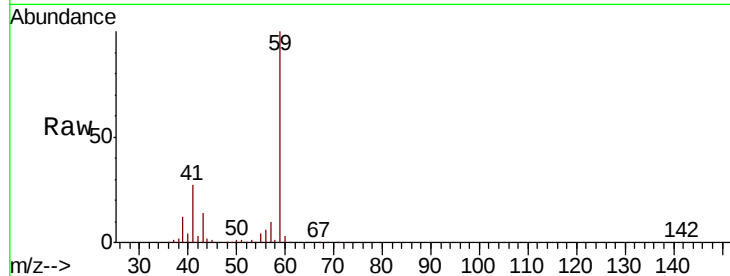


#11

Tert butyl alcohol
 Concen: 1100.570 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

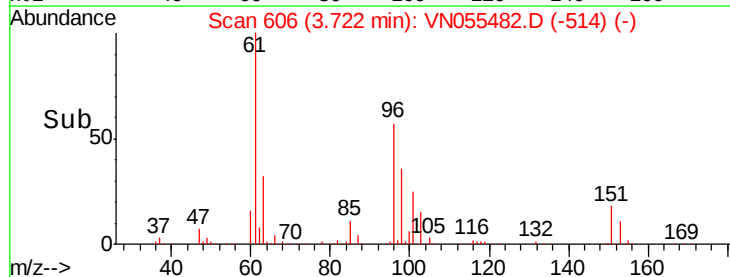
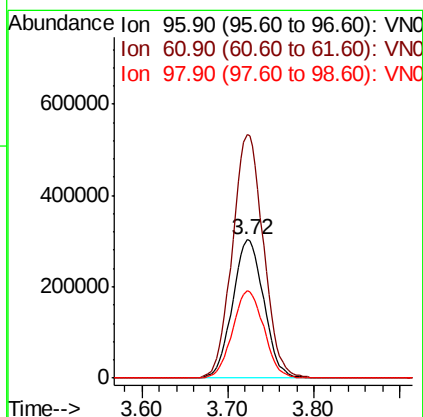
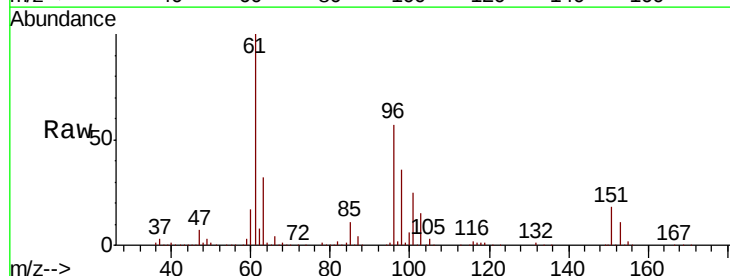
Tot Ion: 59 Resp: 836333
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

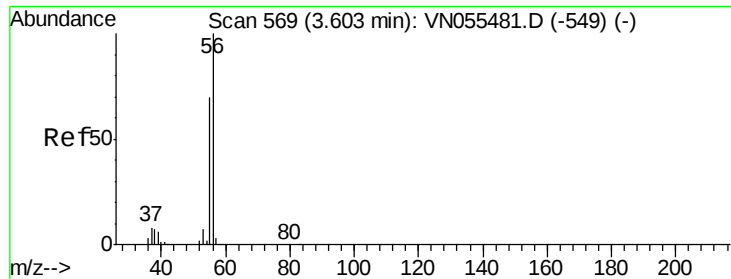


#12

1,1-Dichloroethene
 Concen: 105.364 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 96 Resp: 765087
 Ion Ratio Lower Upper
 96 100
 61 176.3 138.7 208.1
 98 62.9 50.6 76.0

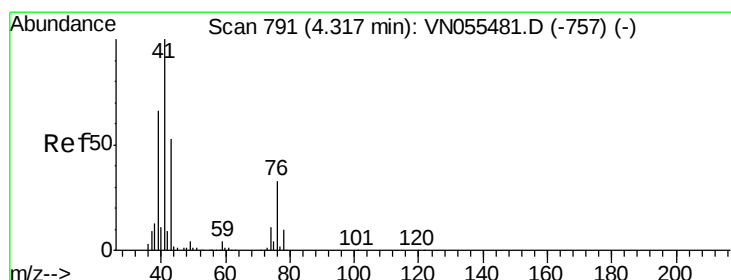
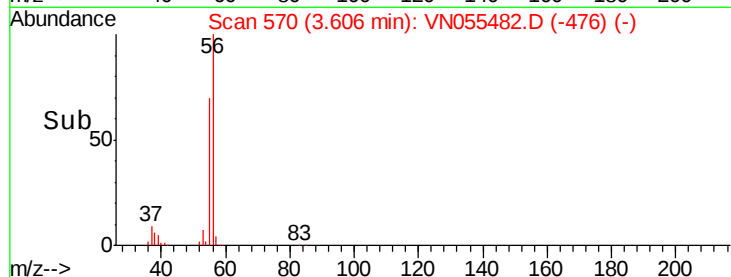
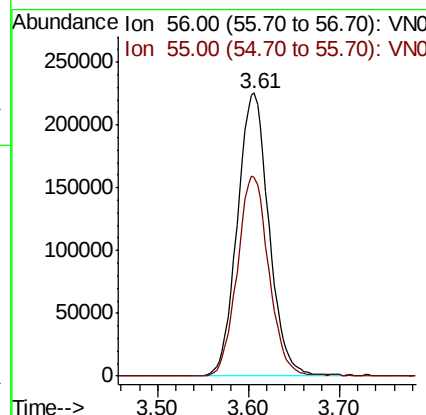
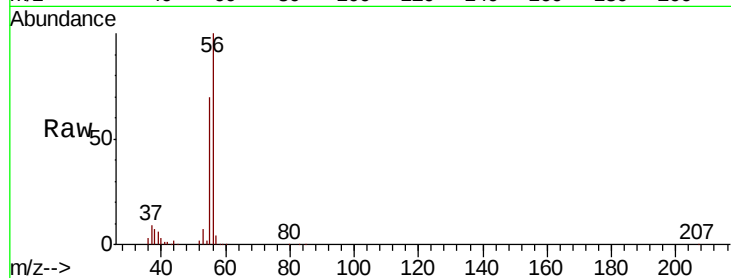




#13
Acrolein
Concen: 999.092 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

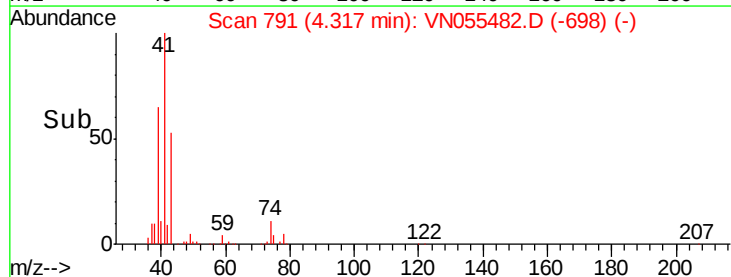
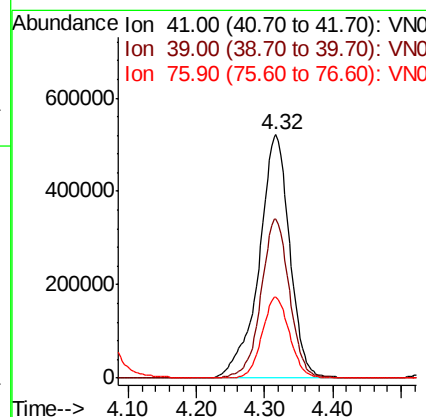
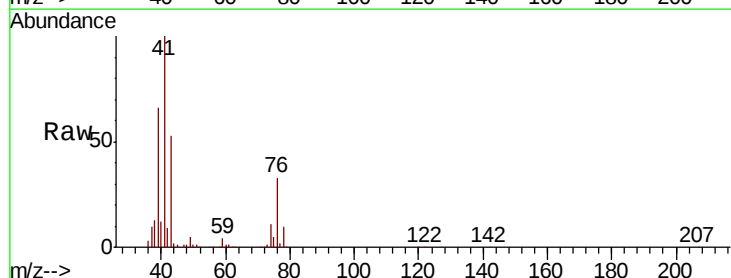
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

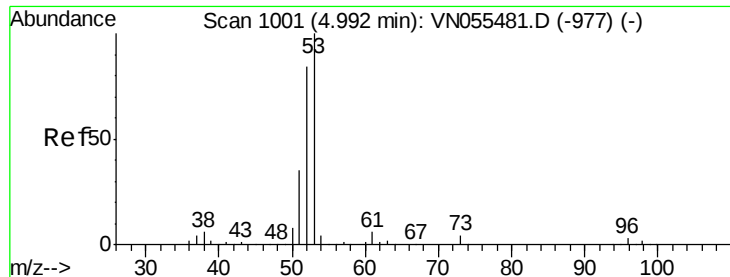
Tot Ion: 56 Resp: 544547
Ion Ratio Lower Upper
56 100
55 70.0 57.7 86.5



#14
Allyl chloride
Concen: 107.960 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 41 Resp: 1623434
Ion Ratio Lower Upper
41 100
39 60.6 49.8 74.8
76 29.6 23.5 35.3





#15

Acrylonitrile

Concen: 744.846 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

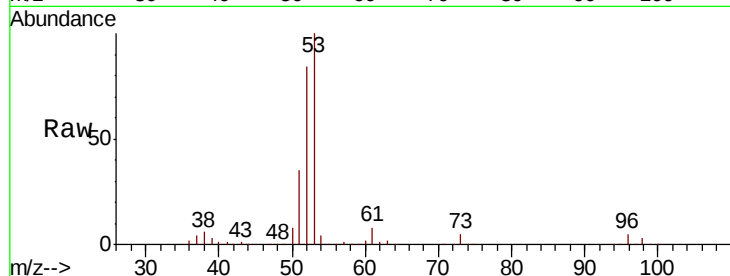
Tot Ion: 53 Resp: 2509485

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.1	99.1
51	35.7	28.3	42.5

53 100

52 83.3 66.1 99.1

51 35.7 28.3 42.5

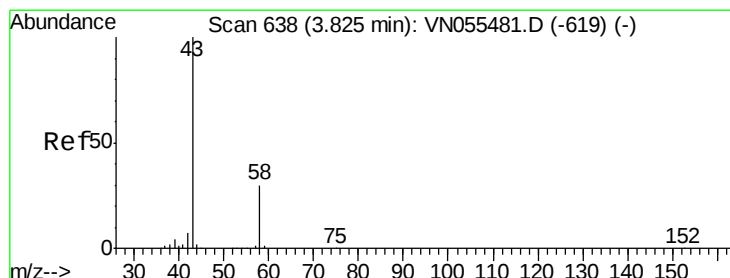
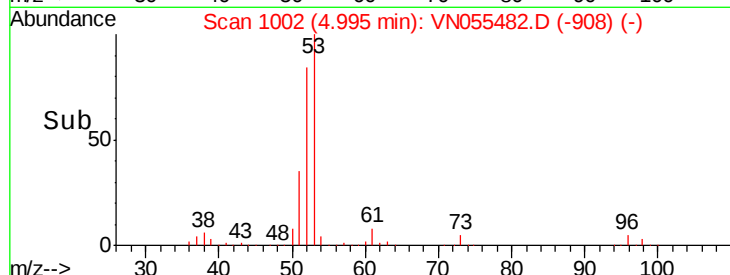
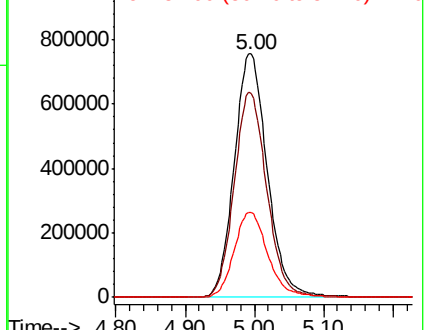


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 692.590 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055482.D

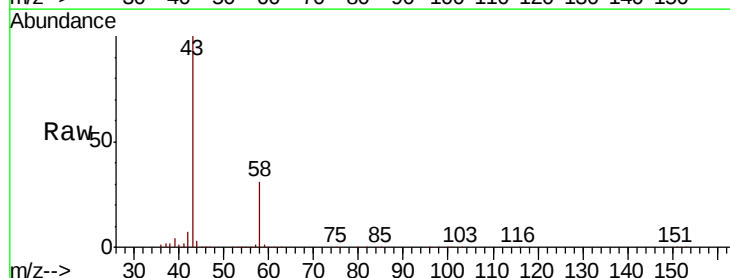
Acq: 8 May 2019 18:14

Tgt Ion: 43 Resp: 2281669

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.2	36.2

43 100

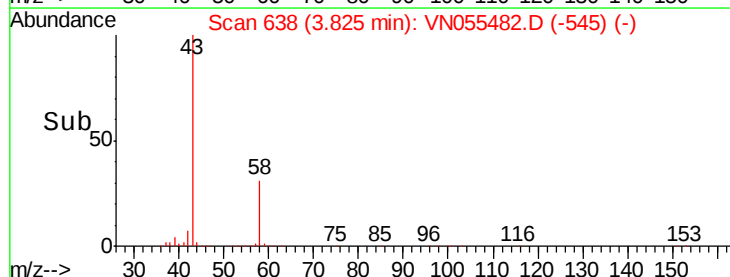
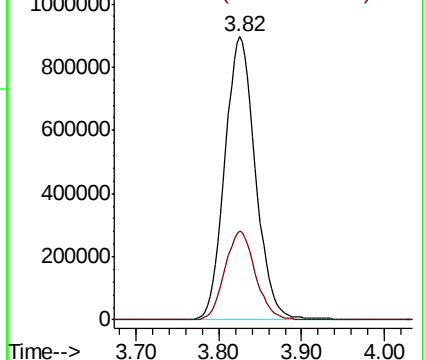
58 31.3 24.2 36.2

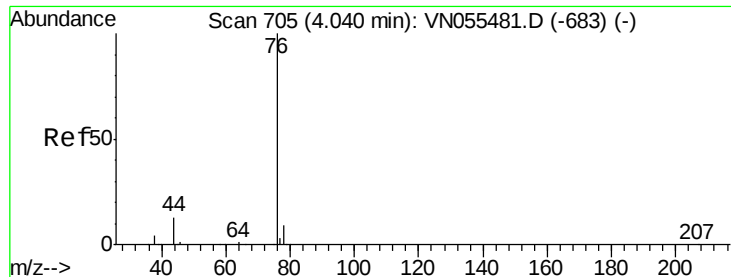


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

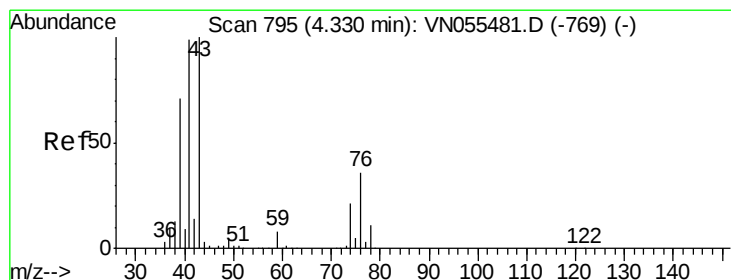
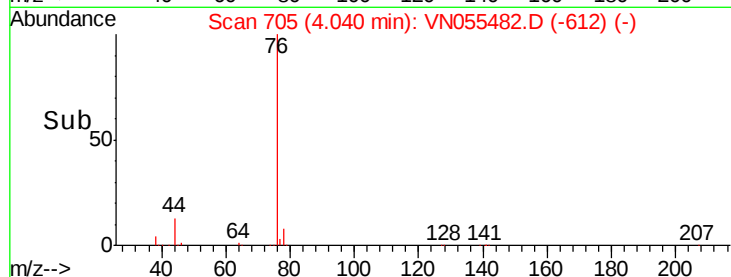
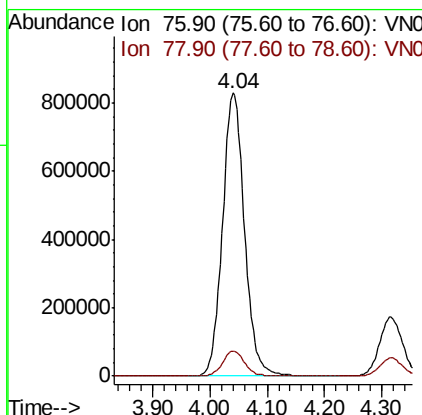
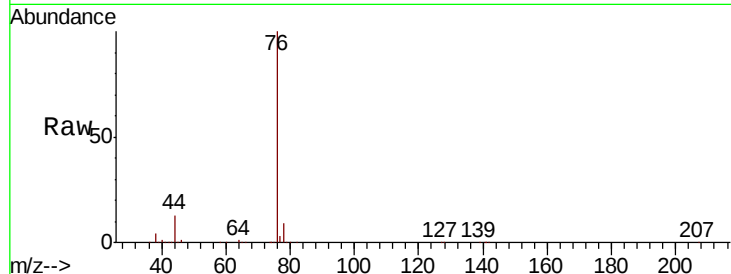




#17
Carbon Disulfide
Concen: 116.253 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

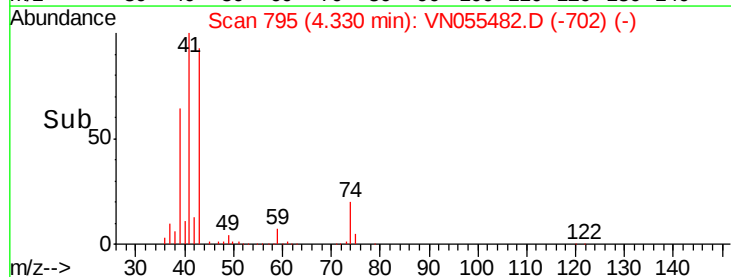
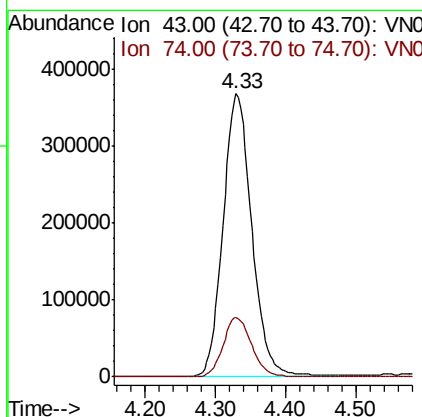
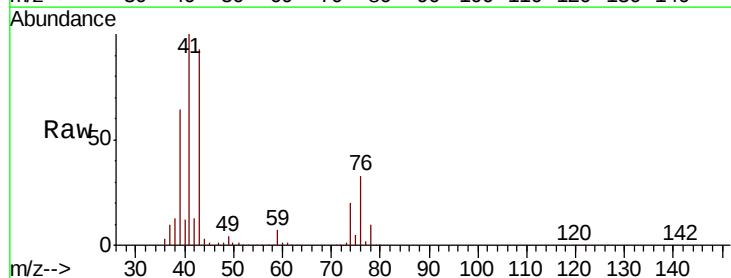
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

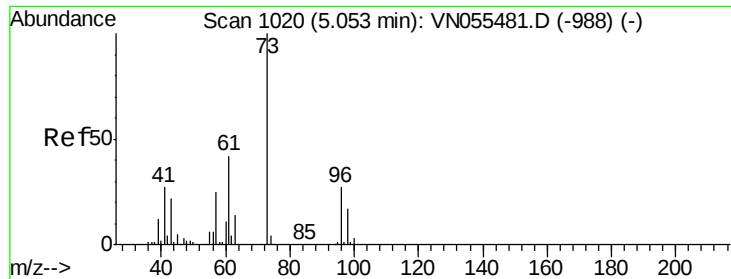
Tot Ion: 76 Resp: 2213039
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 114.370 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 43 Resp: 1041483
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5

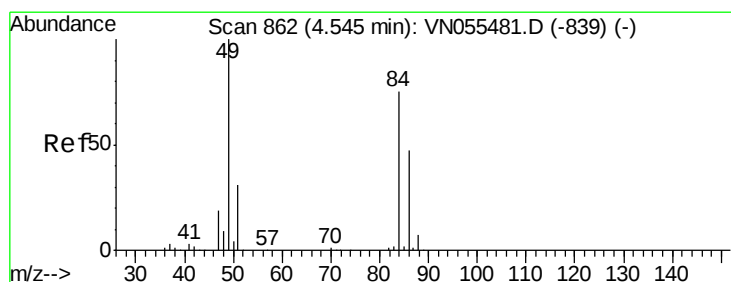
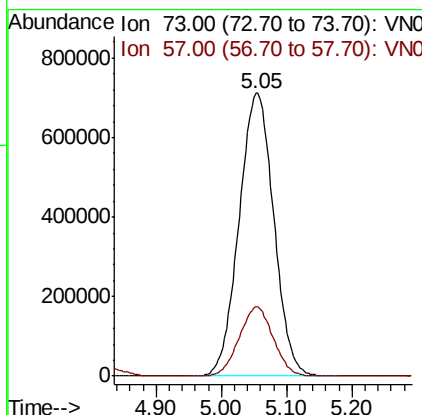
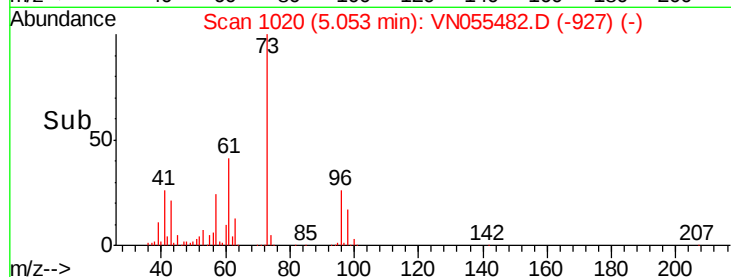
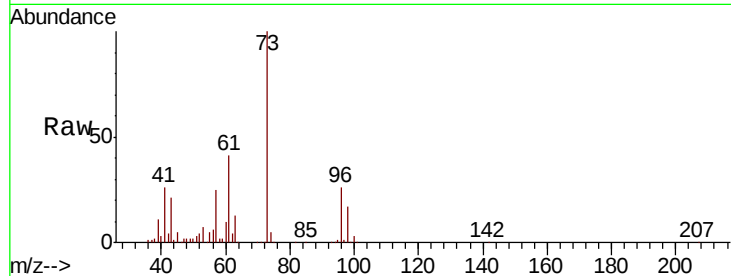




#19
Methyl tert-butyl Ether
Concen: 125.192 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

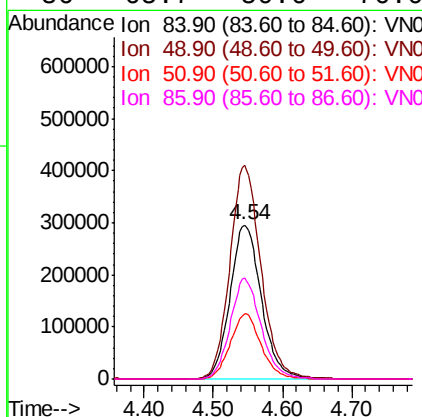
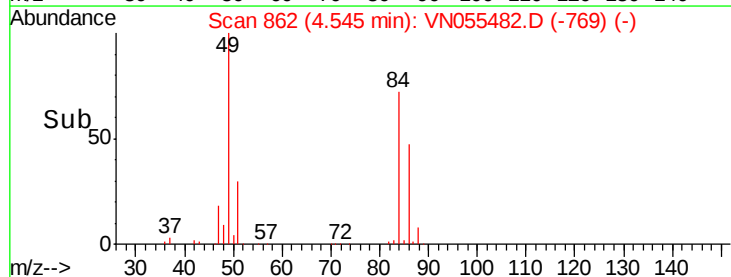
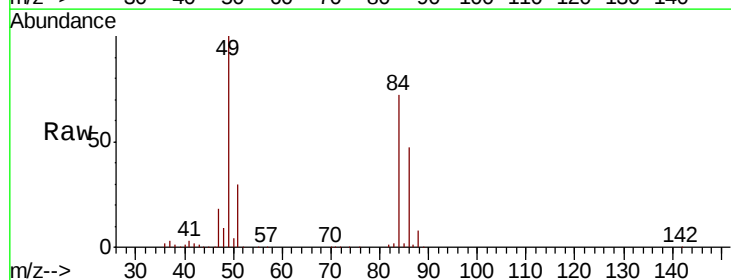
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

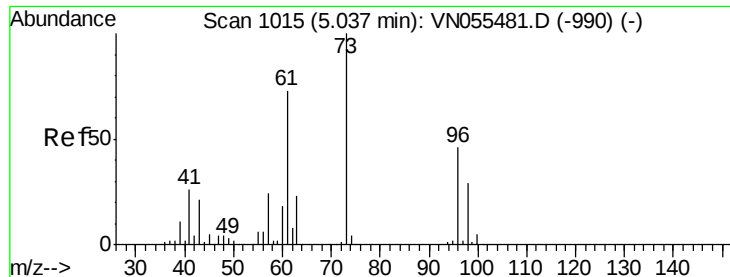
Tot Ion: 73 Resp: 2631583
Ion Ratio Lower Upper
73 100
57 24.5 20.0 30.0



#20
Methylene Chloride
Concen: 101.446 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 84 Resp: 932855
Ion Ratio Lower Upper
84 100
49 138.8 107.0 160.6
51 42.2 33.0 49.4
86 65.7 50.6 76.0

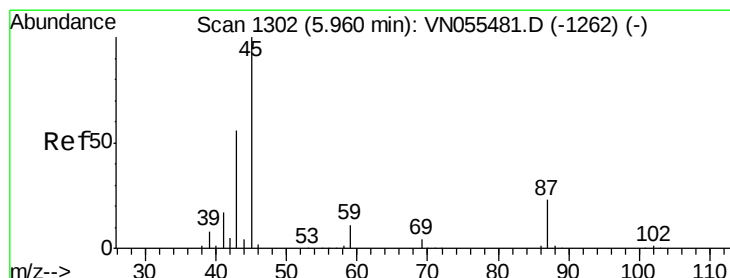
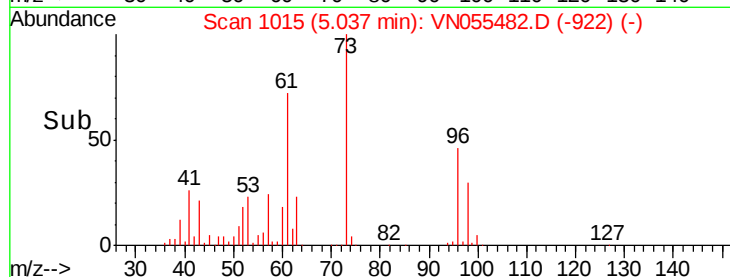
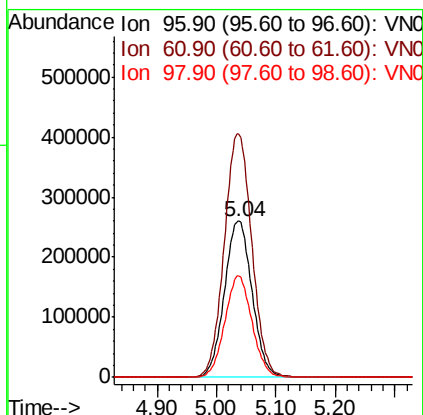
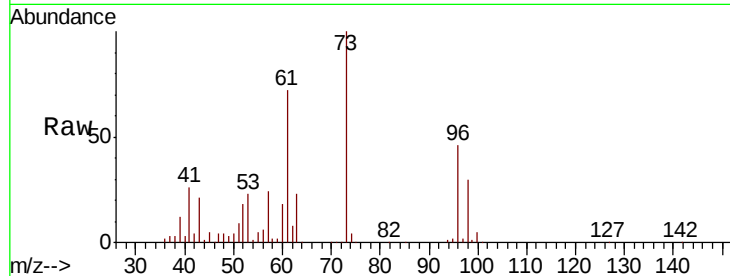




#21
trans-1,2-Dichloroethene
Concen: 108.734 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

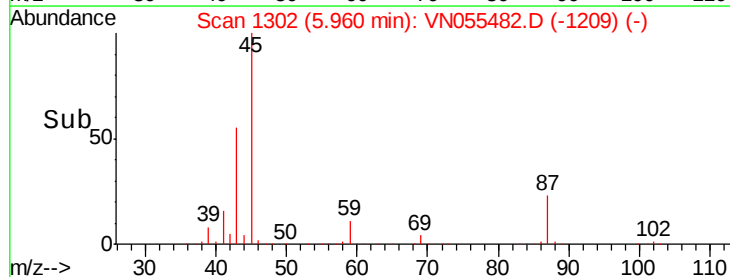
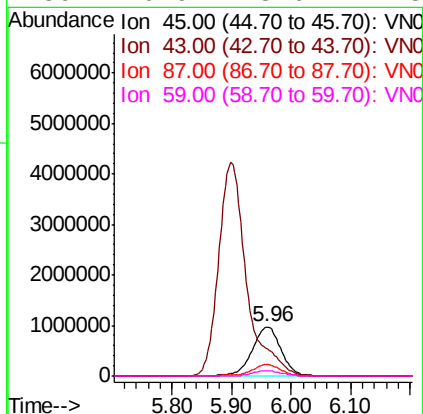
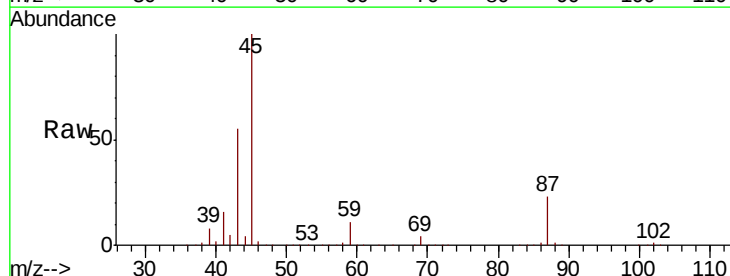
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

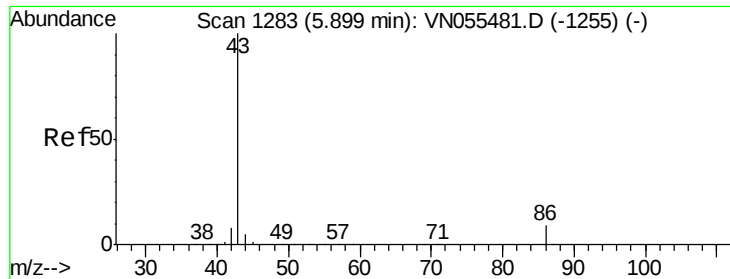
Tot Ion: 96 Resp: 838771
Ion Ratio Lower Upper
96 100
61 155.7 127.4 191.0
98 65.2 51.6 77.4



#22
Diisopropyl ether
Concen: 110.525 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 45 Resp: 3320123
Ion Ratio Lower Upper
45 100
43 55.1 44.6 66.8
87 23.3 18.6 28.0
59 10.9 8.6 12.8





#23

Vinyl Acetate

Concen: 680.633 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

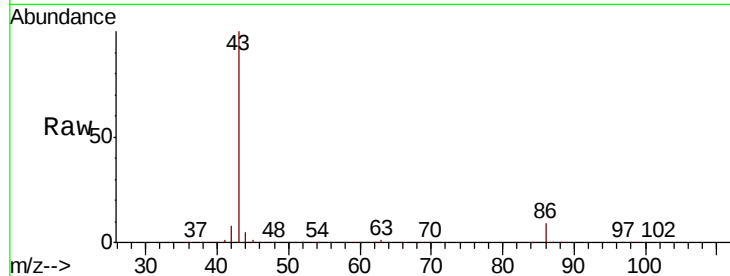
VSTDIC100

Tot Ion: 43 Resp:13831545

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN055482.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN055482.D (-1190) (-)

5.90

4000000

3000000

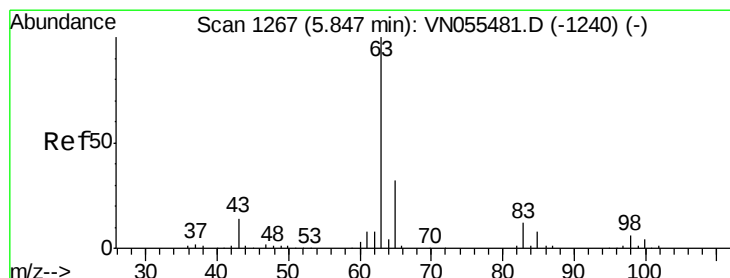
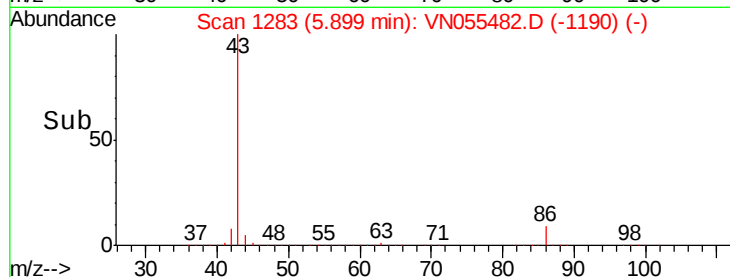
2000000

1000000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 107.322 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

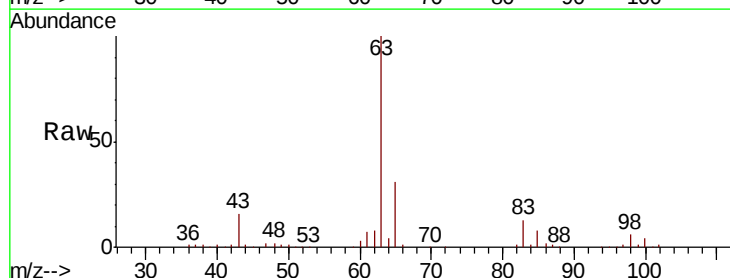
Tgt Ion: 63 Resp: 1717675

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN055482.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN055482.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN055482.D (-1174) (-)

5.85

600000

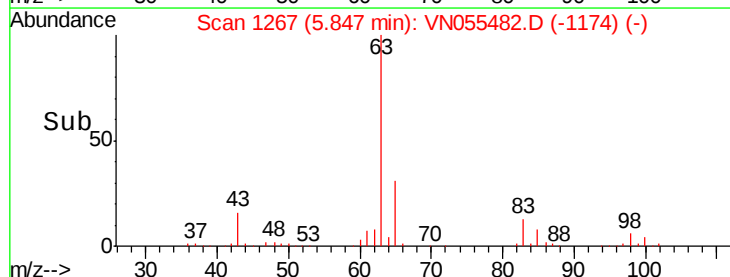
400000

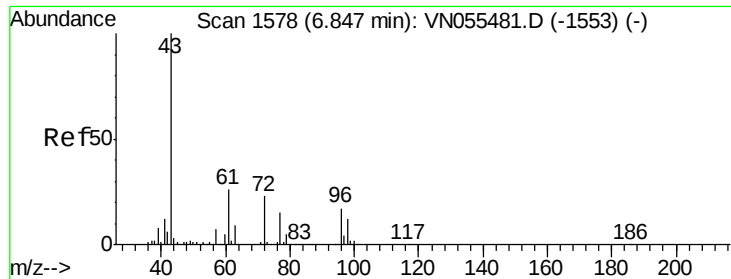
200000

0

Time-->

5.70 5.80 5.90 6.00

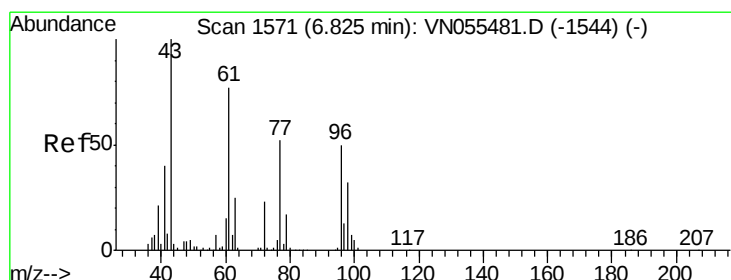
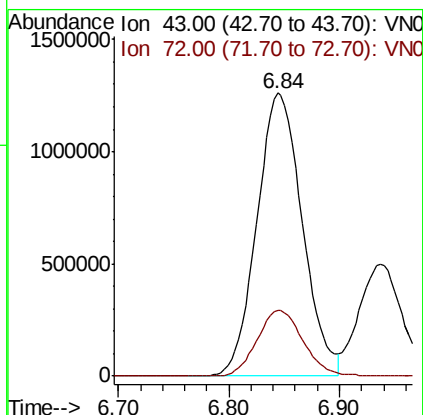
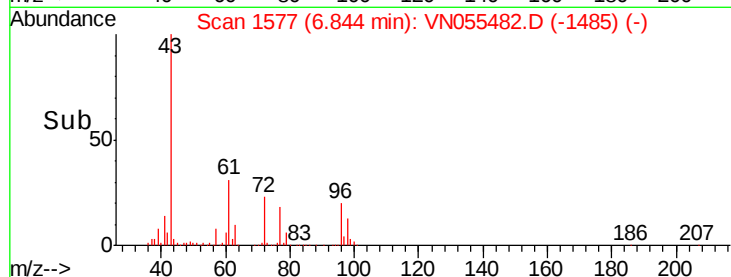
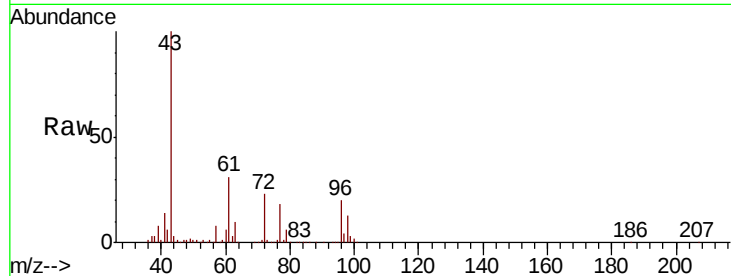




#25
 2-Butanone
 Concen: 828.474 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

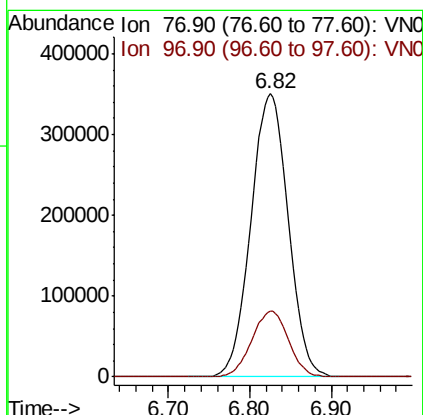
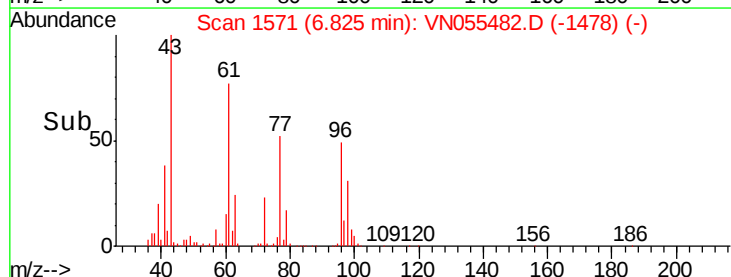
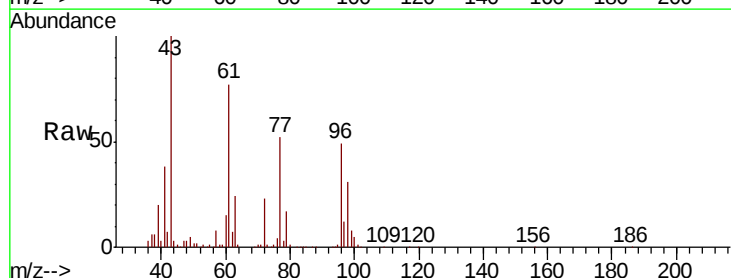
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

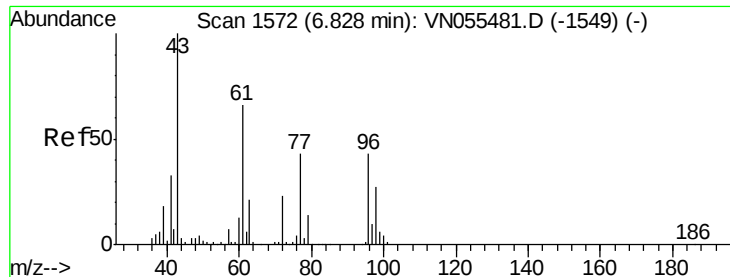
Tot Ion: 43 Resp: 3585540
 Ion Ratio Lower Upper
 43 100
 72 23.4 18.6 27.8



#26
 2,2-Dichloropropane
 Concen: 101.872 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 77 Resp: 1109998
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 110.178 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

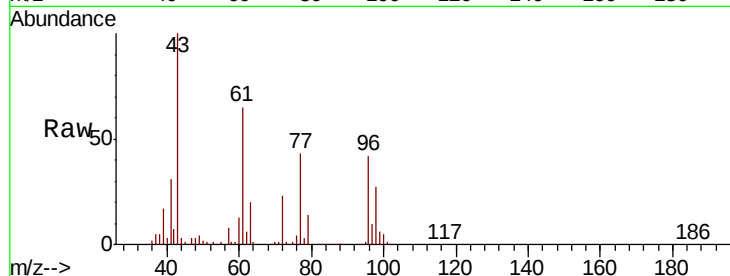
Tot Ion: 96 Resp: 971701

Ion Ratio Lower Upper

96 100

61 158.7 0.0 310.8

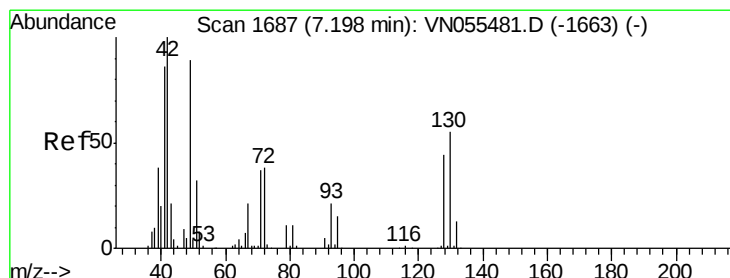
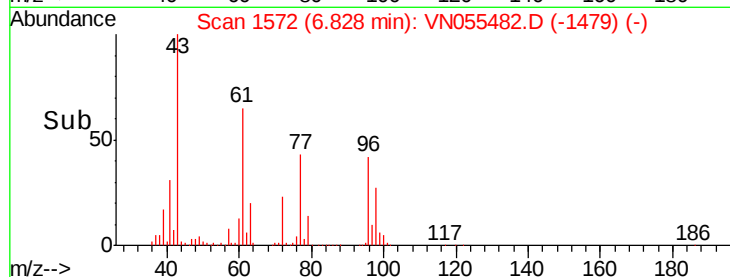
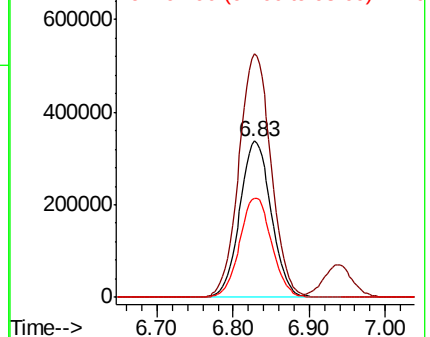
98 64.6 0.0 129.4



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



#28

Bromochloromethane

Concen: 111.632 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

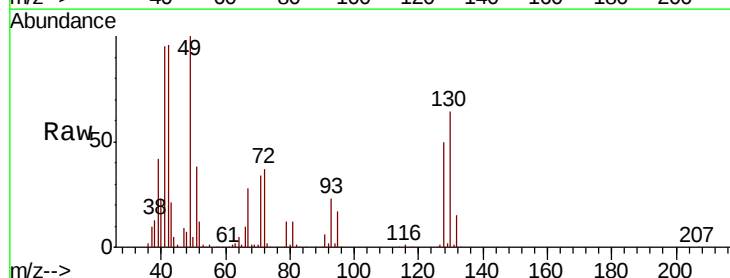
Tgt Ion: 49 Resp: 910993

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

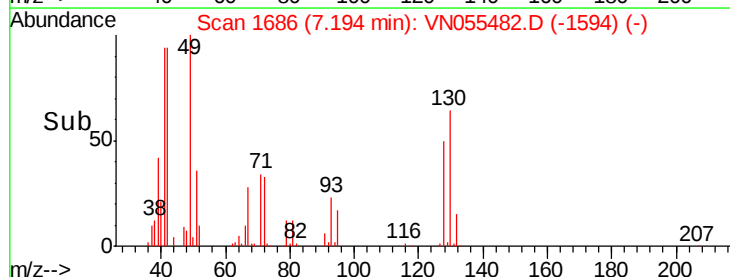
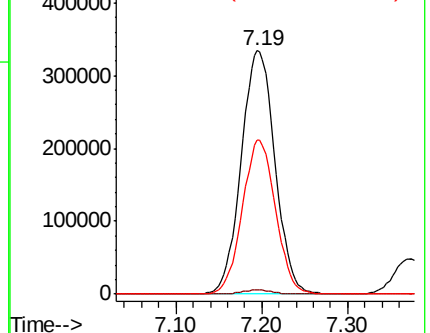
130 62.4 49.5 74.3

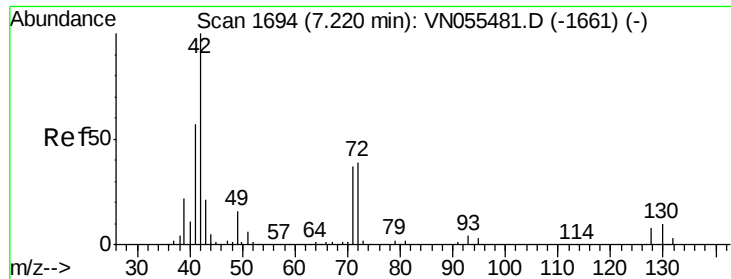


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

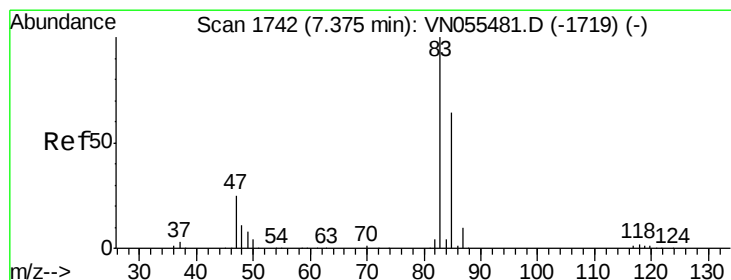
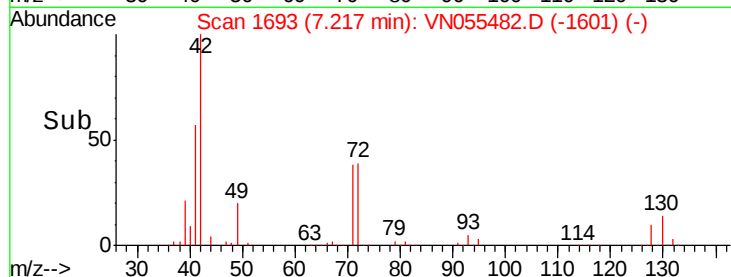
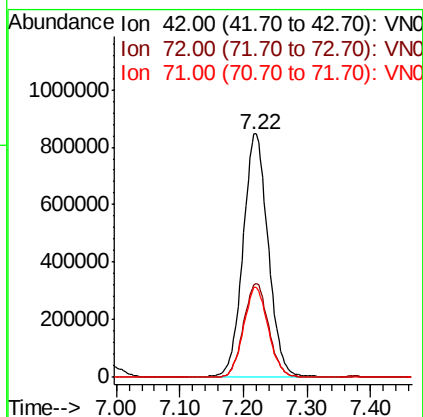
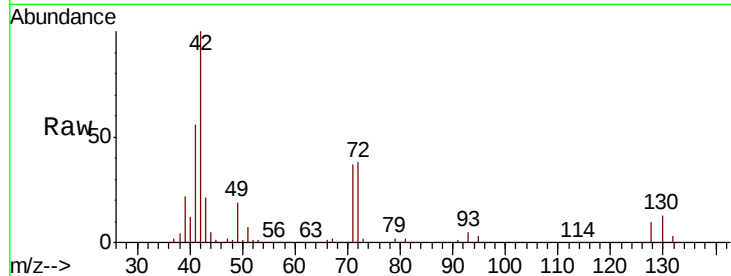




#29
Tetrahydrofuran
Concen: 839.331 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

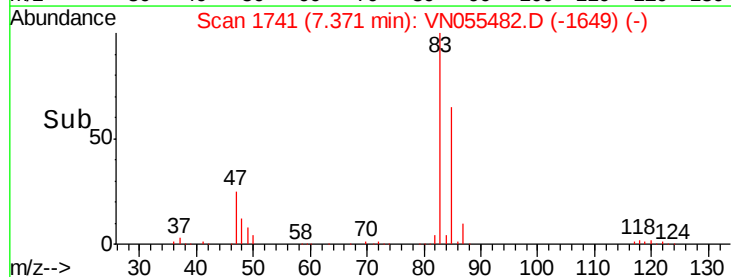
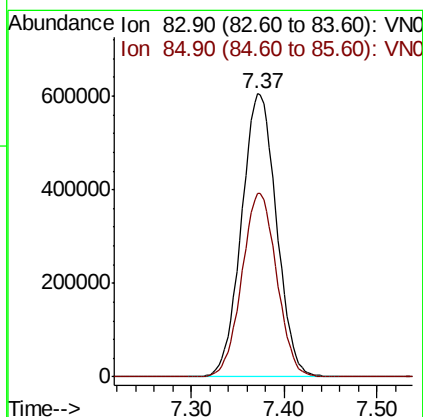
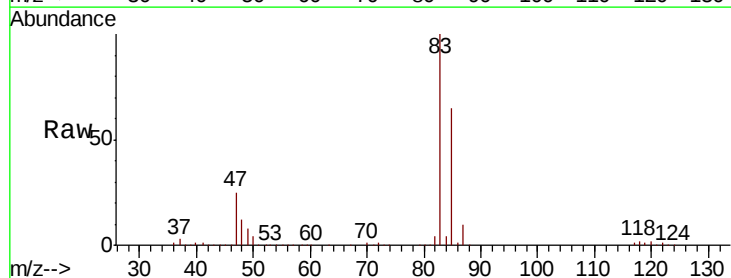
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

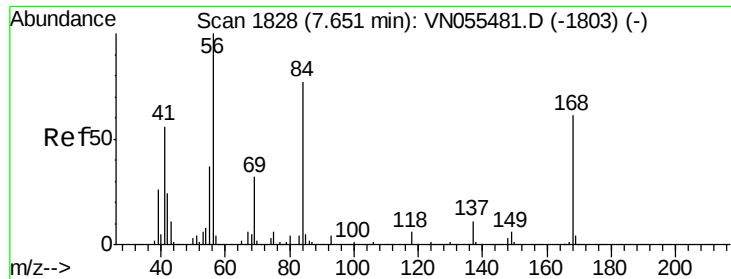
Tot Ion: 42 Resp: 2327178
Ion Ratio Lower Upper
42 100
72 38.3 31.0 46.6
71 36.4 29.4 44.2



#30
Chloroform
Concen: 104.702 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 83 Resp: 1582772
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

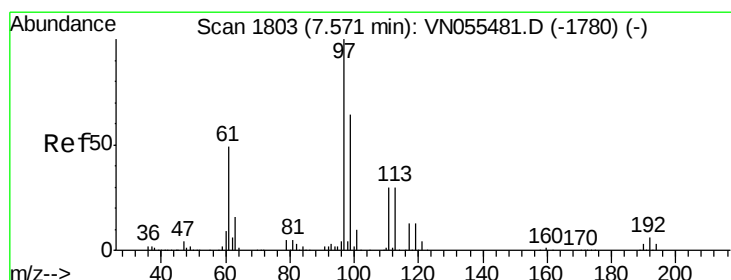
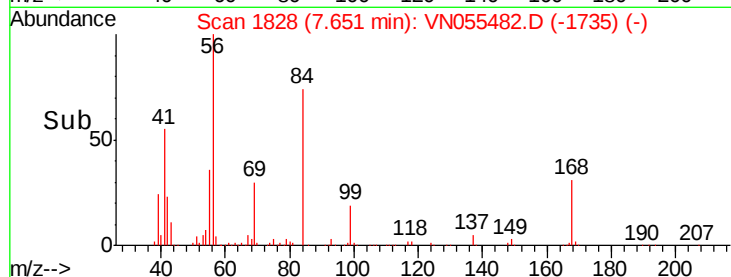
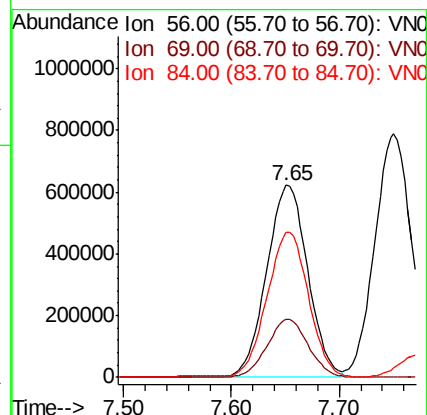
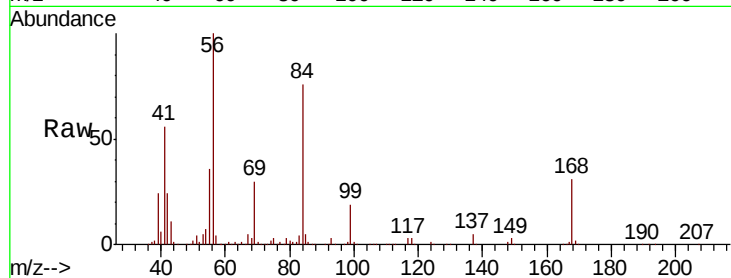




#31
Cyclohexane
Concen: 107.291 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

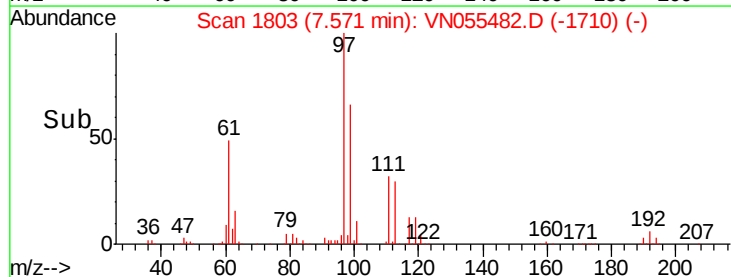
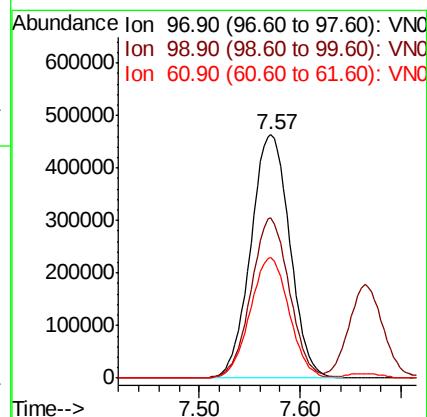
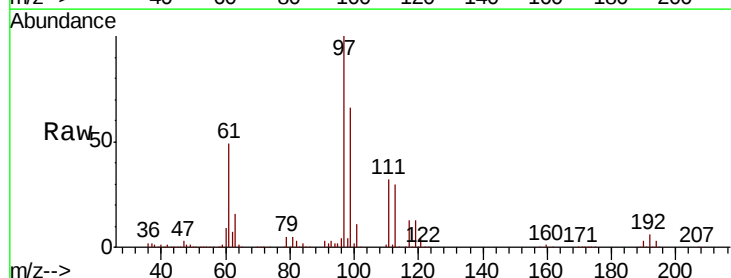
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

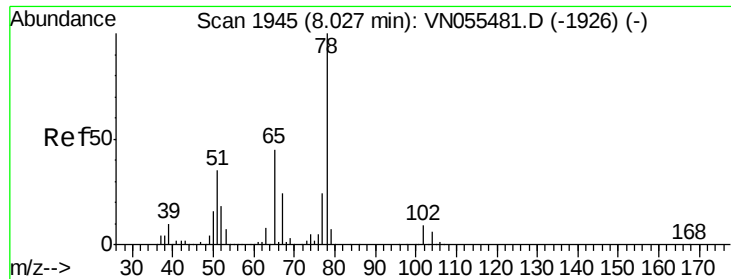
Tot Ion: 56 Resp: 1646929
Ion Ratio Lower Upper
56 100
69 30.2 26.0 39.0
84 74.6 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 102.228 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 97 Resp: 1243214
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 49.4 39.2 58.8

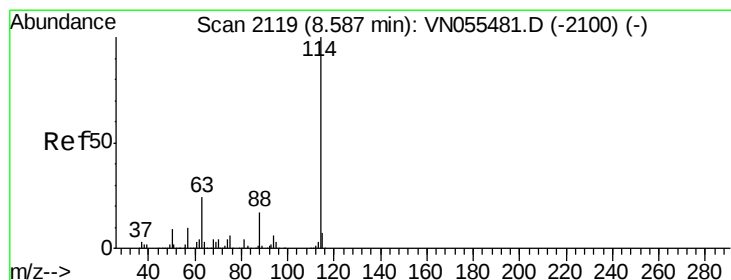
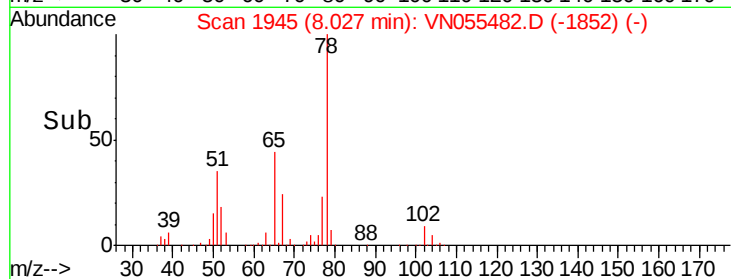
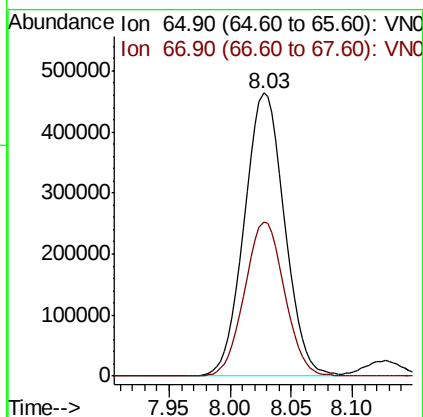
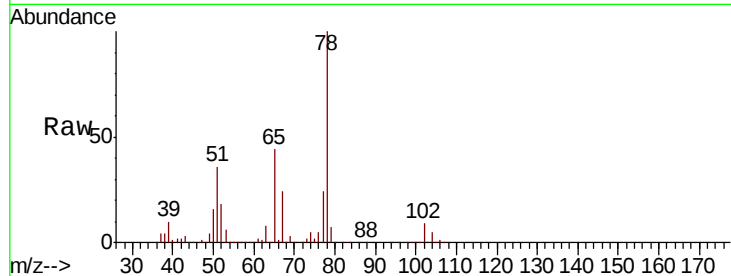




#33
 1,2-Dichloroethane-d4
 Concen: 108.531 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

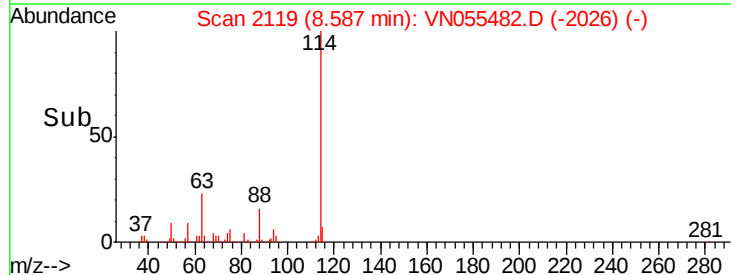
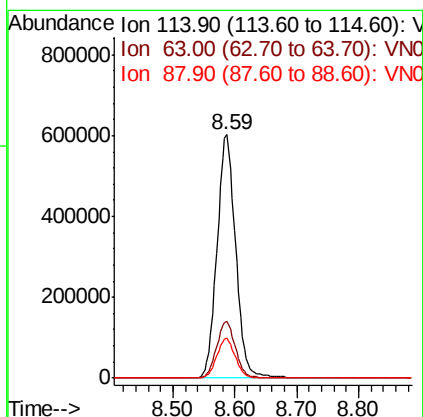
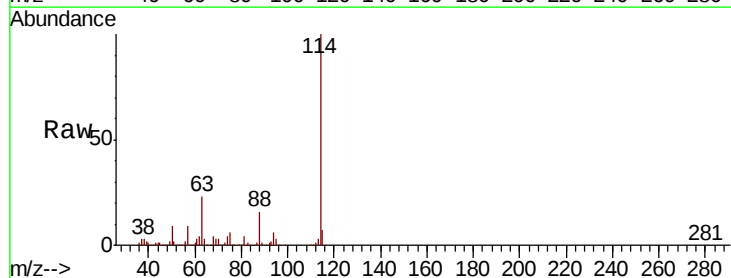
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

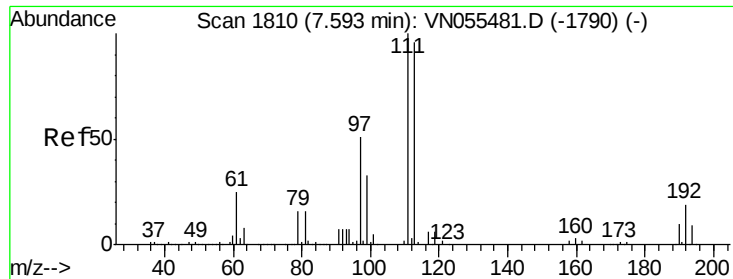
Tot Ion: 65 Resp: 1058306
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 114 Resp: 1261589
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 16.2 0.0 34.0

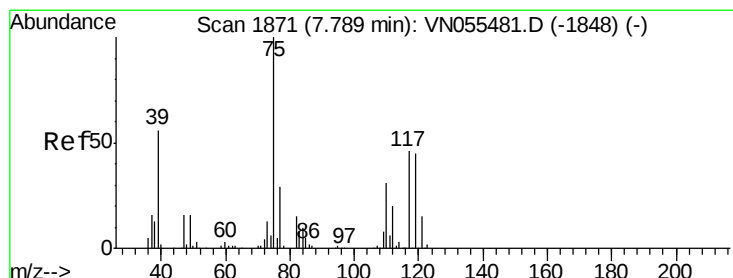
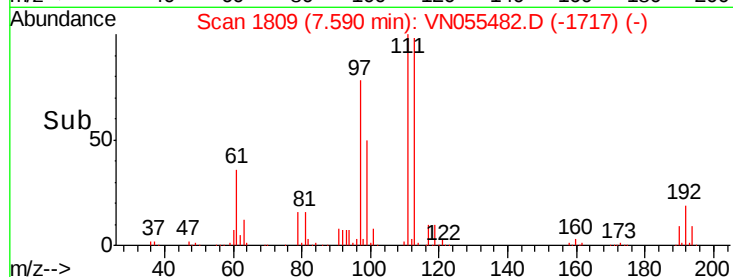
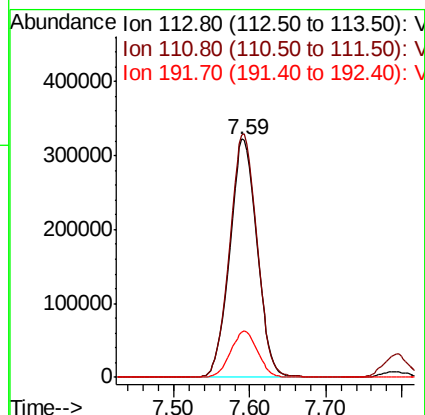
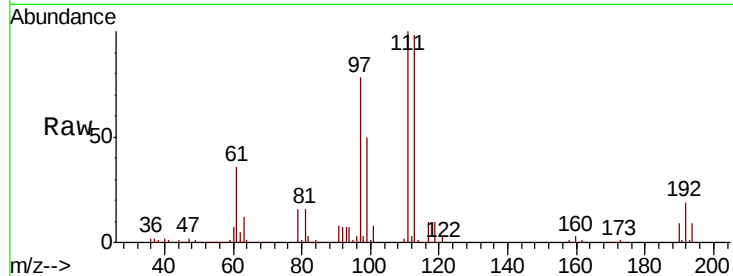




#35
 Dibromofluoromethane
 Concen: 96.745 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

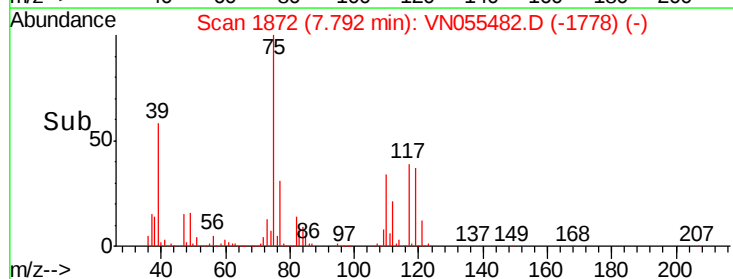
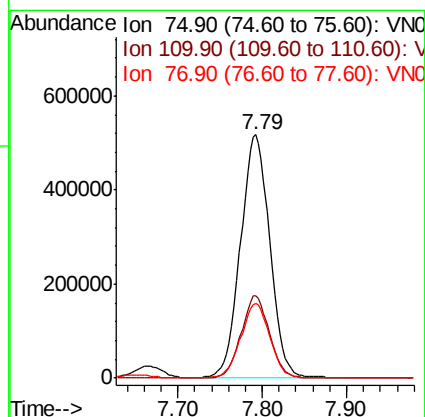
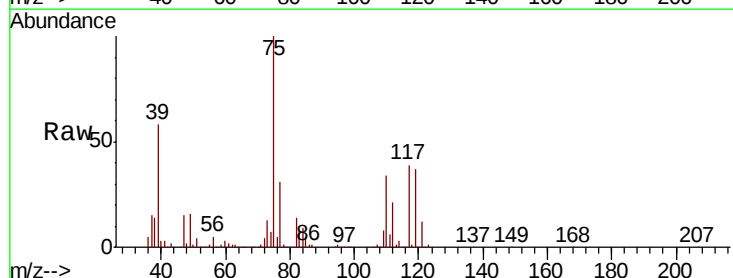
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:113 Resp: 803701
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.4 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 101.835 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 75 Resp: 1249920
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.1 48.3
 77 30.6 24.6 37.0

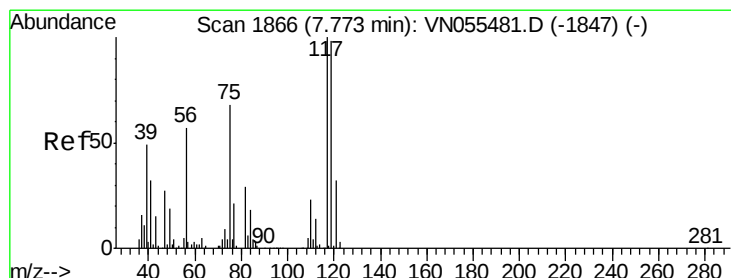
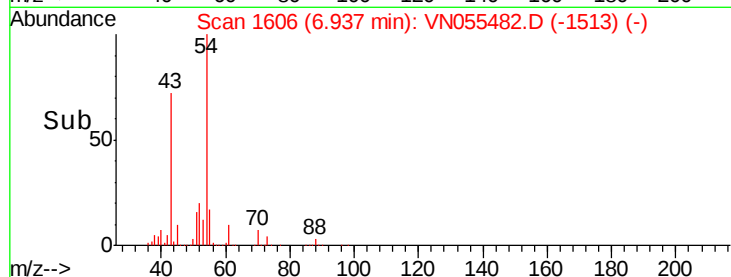
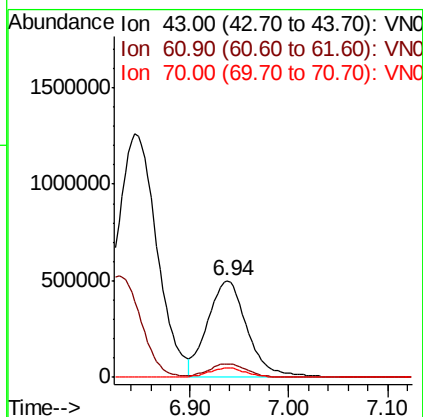
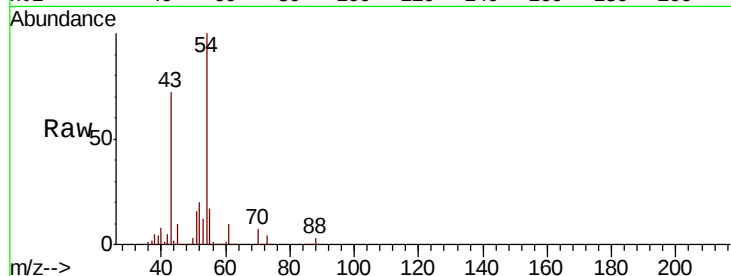




#37
Ethyl Acetate
Concen: 136.886 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

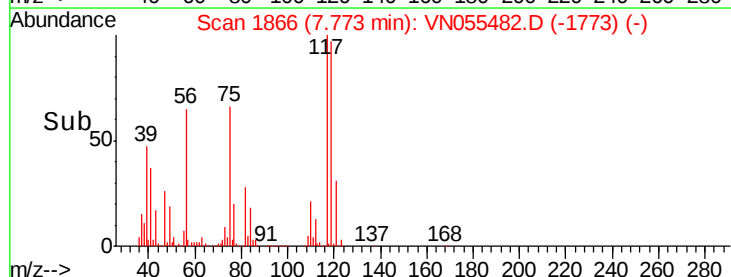
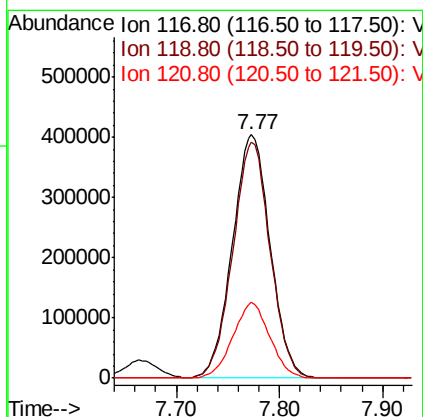
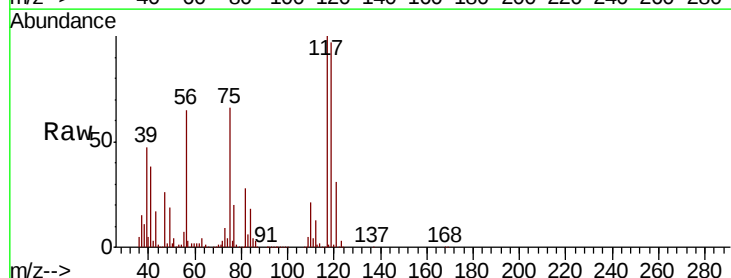
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

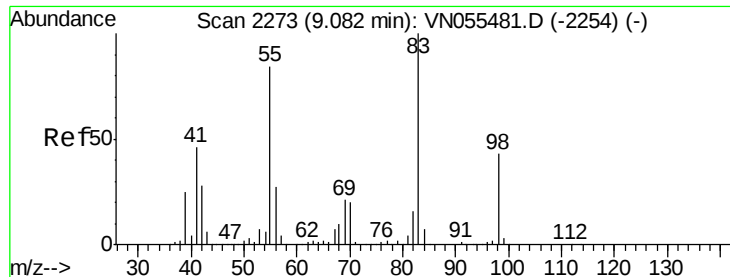
Tot Ion: 43 Resp: 1385059
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 89.189 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 117 Resp: 1026619
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.1 25.2 37.8

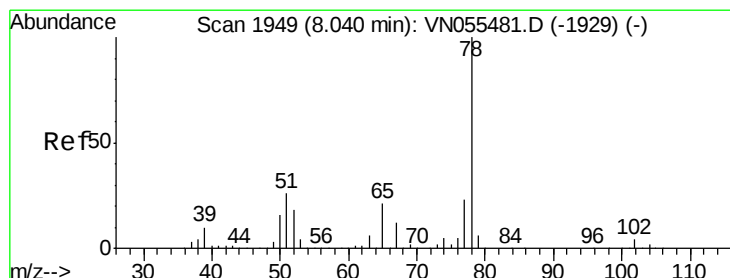
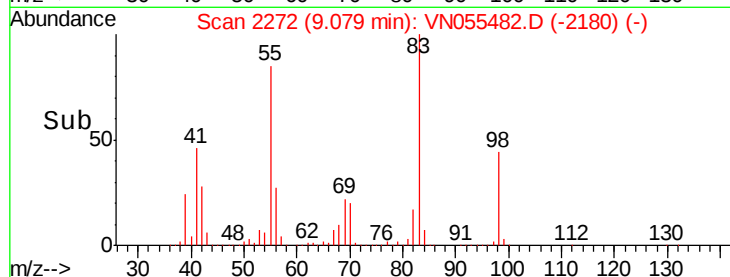
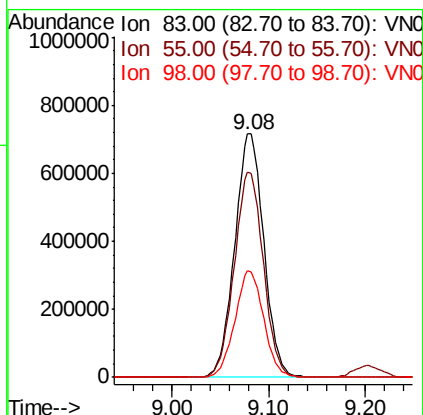
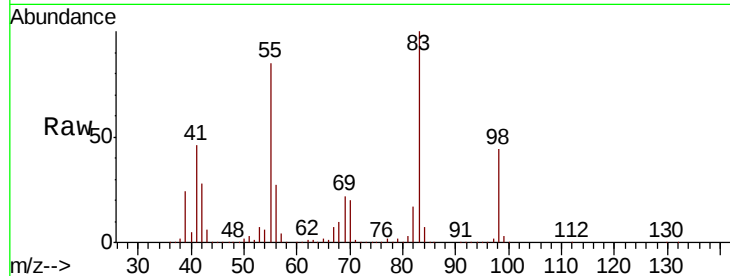




#39
Methvlcvclohexane
Concen: 112.840 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

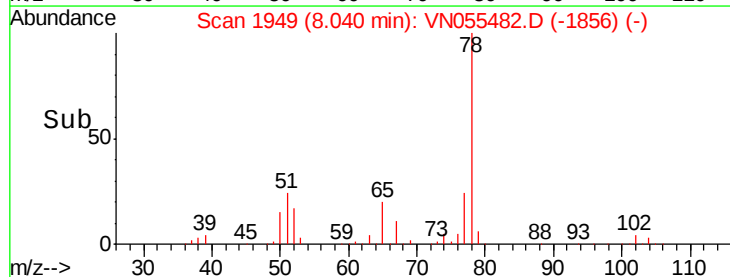
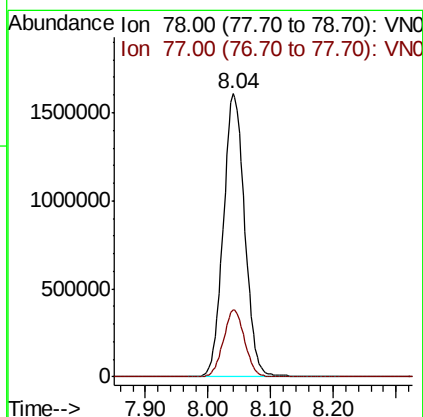
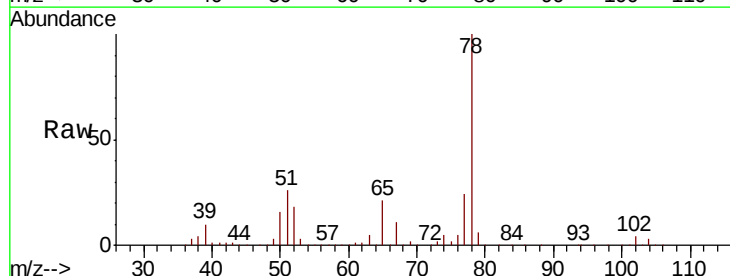
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

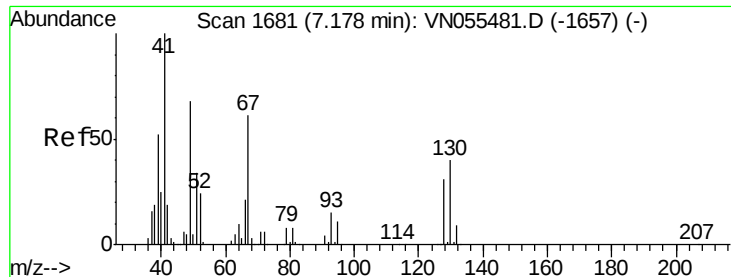
Tot Ion: 83 Resp: 1492266
Ion Ratio Lower Upper
83 100
55 84.5 67.0 100.4
98 43.7 34.2 51.4



#40
Benzene
Concen: 104.724 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 78 Resp: 3798630
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

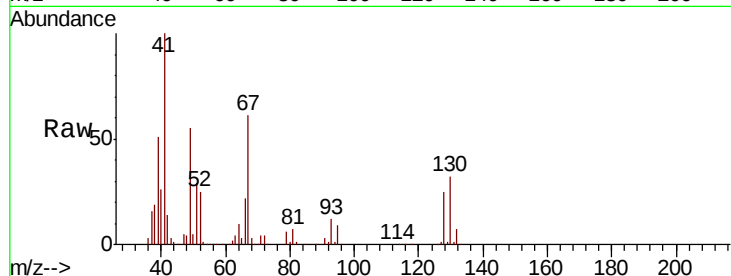




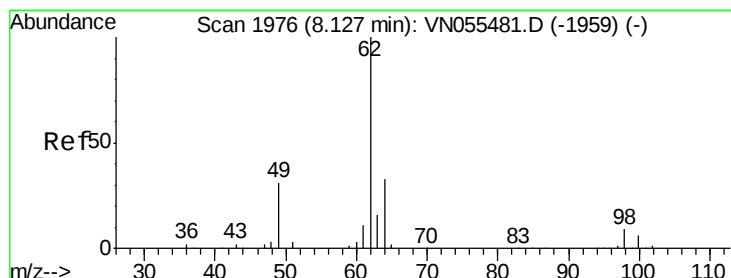
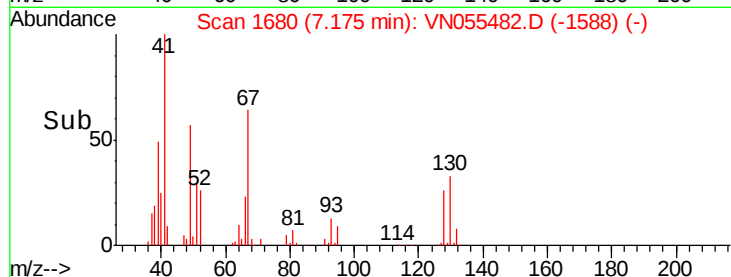
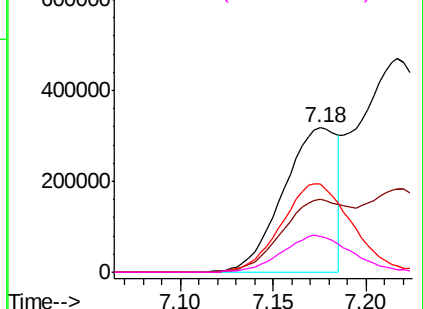
#41
Methacrylonitrile
Concen: 123.028 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 643177
Ion Ratio Lower Upper
41 100
39 64.0 44.7 67.1
67 80.4 61.4 92.0
52 32.8 25.0 37.4

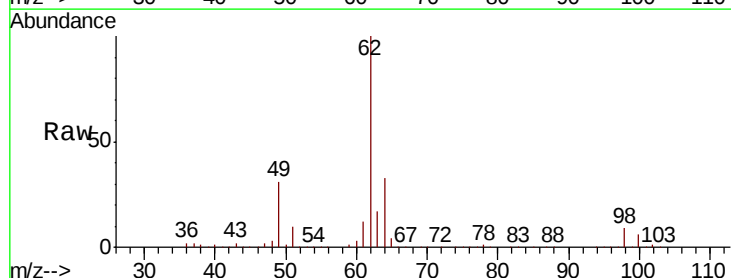


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

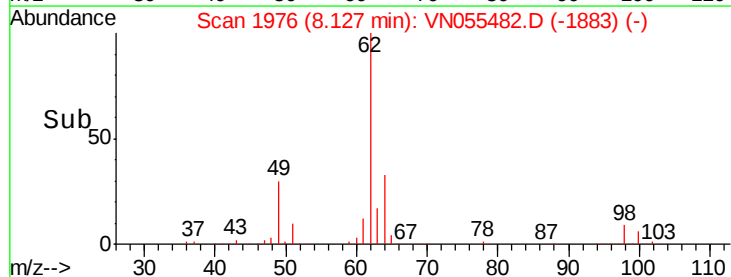
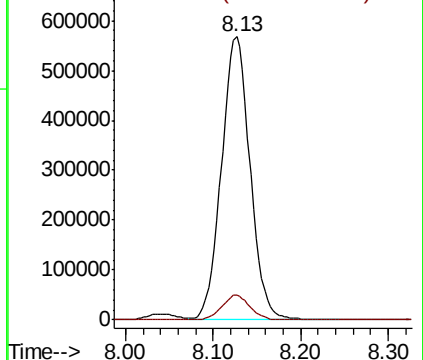


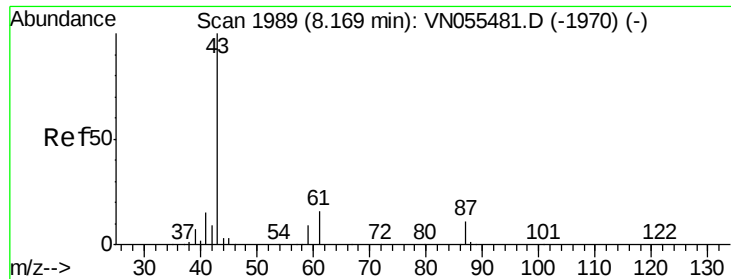
#42
1,2-Dichloroethane
Concen: 100.351 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 62 Resp: 1283506
Ion Ratio Lower Upper
62 100
98 8.5 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: 137.659 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

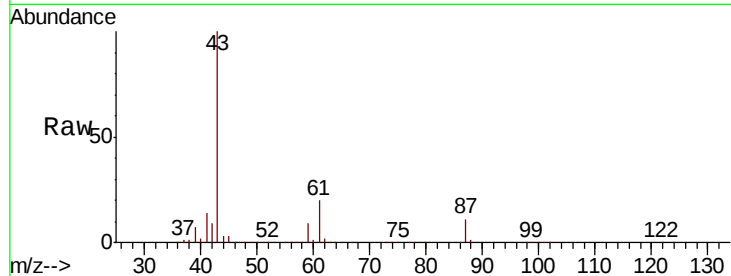
Tot Ion: 43 Resp: 2201137

Ion Ratio Lower Upper

43 100

61 20.0 15.1 22.7

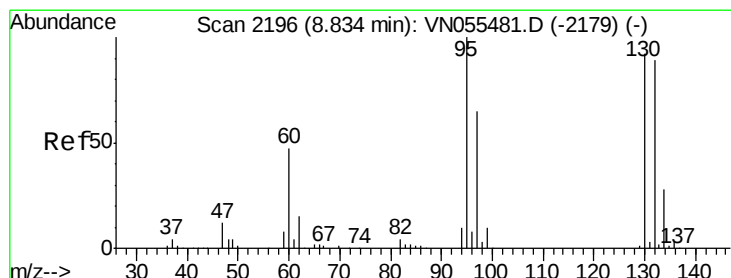
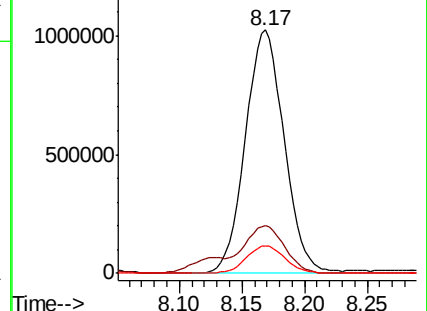
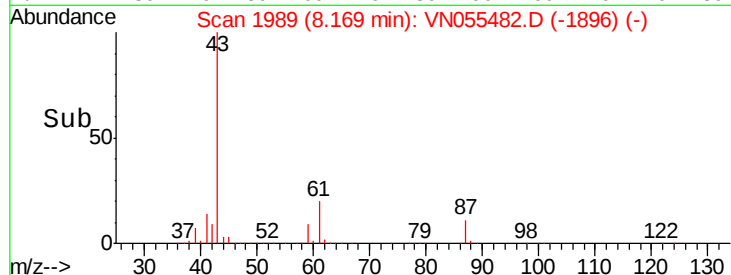
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055482.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055482.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055482.D (-1896) (-)



#44

Trichloroethene

Concen: 95.963 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055482.D

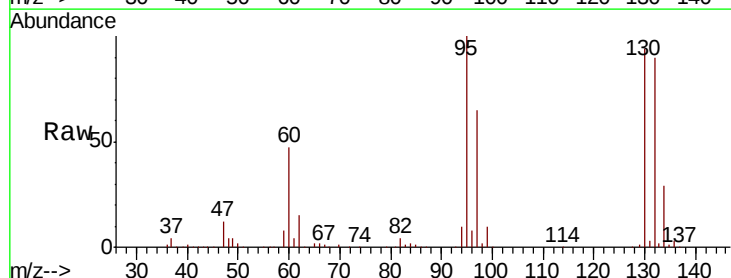
Acq: 8 May 2019 18:14

Tgt Ion:130 Resp: 876580

Ion Ratio Lower Upper

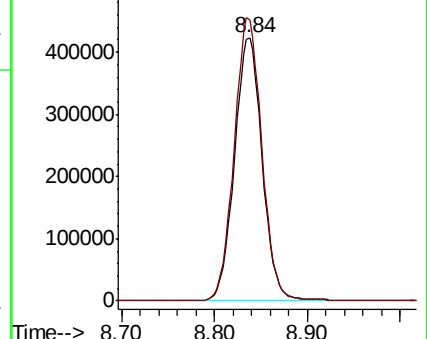
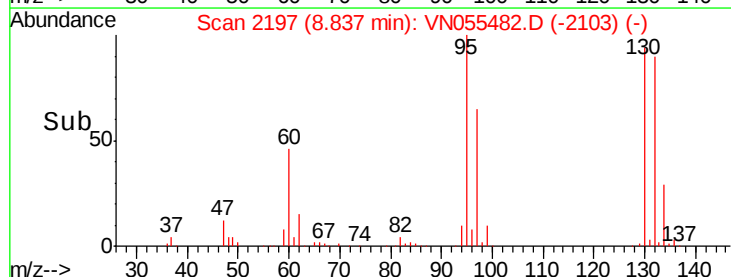
130 100

95 106.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055482.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055482.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 103.036 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

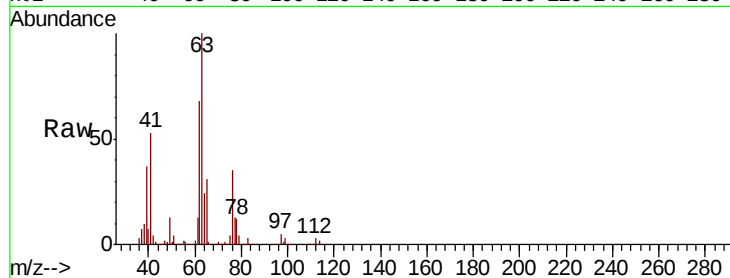
VSTDIC100

Tot Ion: 63 Resp: 1073968

Ion Ratio Lower Upper

63 100

65 30.5 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

600000

500000

400000

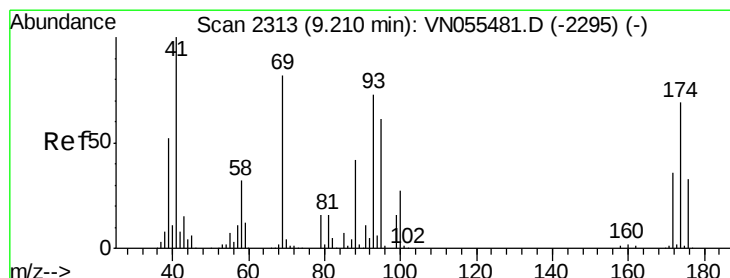
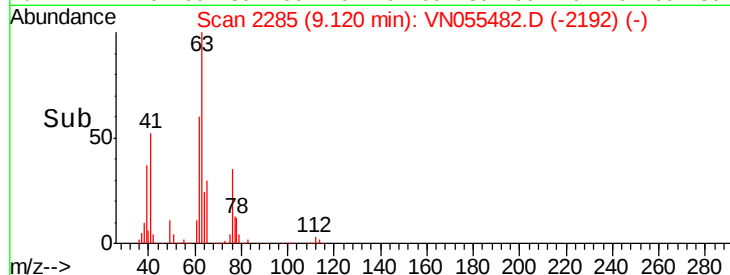
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 107.232 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

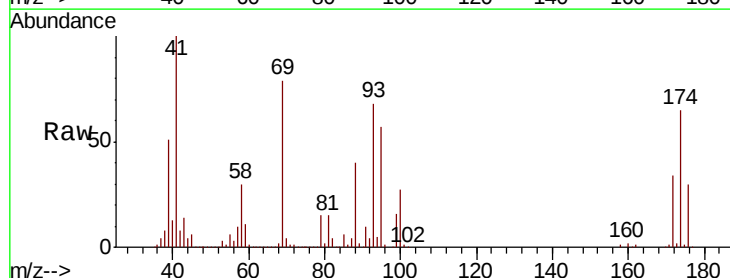
Tgt Ion: 93 Resp: 618255

Ion Ratio Lower Upper

93 100

95 83.7 64.8 97.2

174 94.0 75.0 112.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

400000

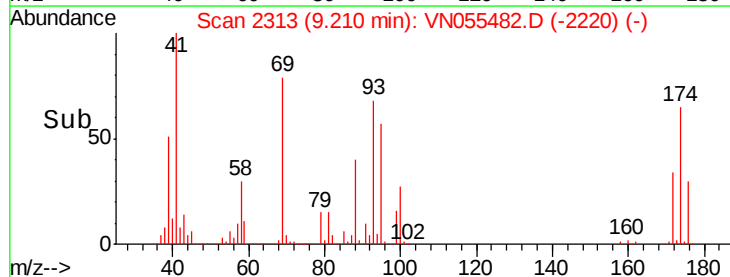
300000

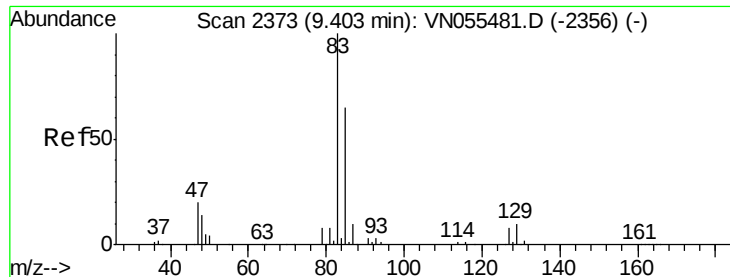
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 102.199 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

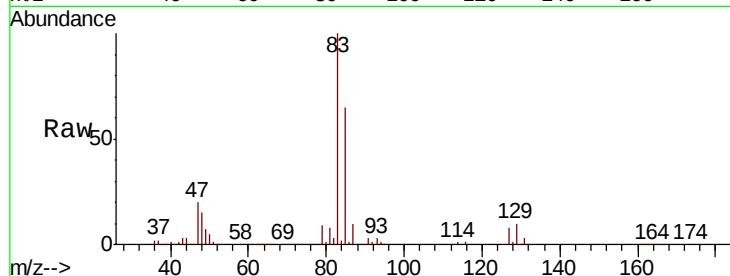
Tot Ion: 83 Resp: 1239760

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

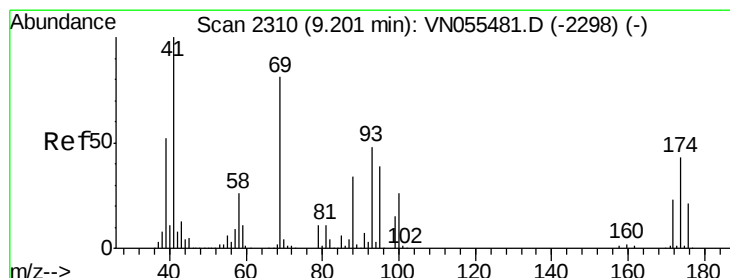
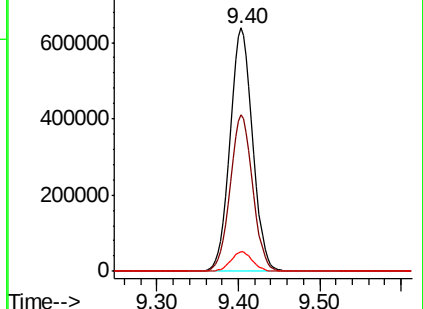
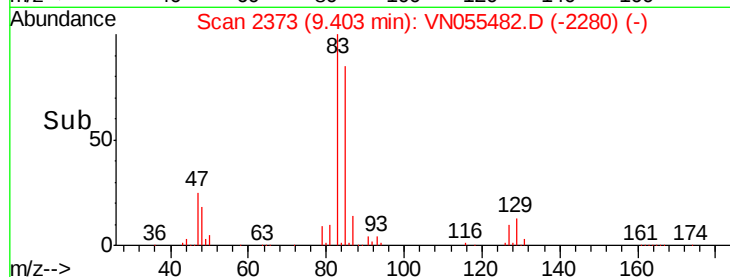
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055482.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055482.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055482.D (-2280) (-)



#48

Methyl methacrylate

Concen: 137.833 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

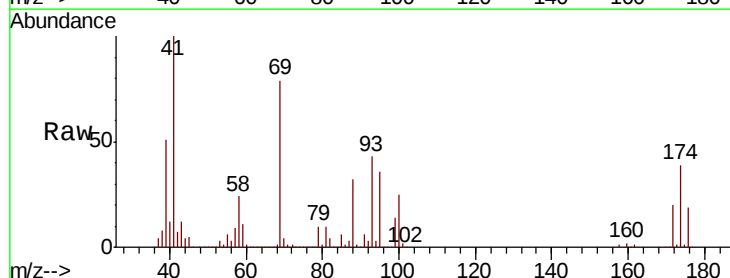
Tgt Ion: 41 Resp: 1077220

Ion Ratio Lower Upper

41 100

69 81.1 64.2 96.2

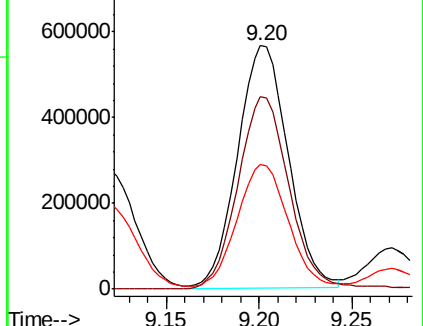
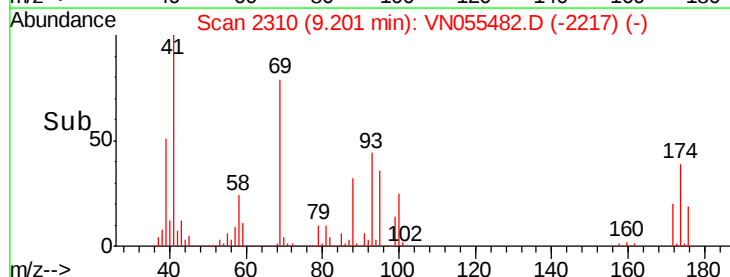
39 51.8 41.6 62.4

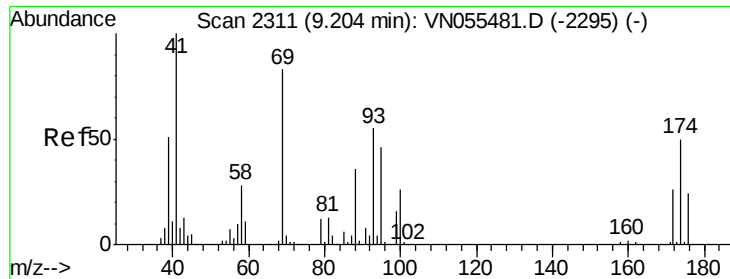


Abundance Ion 41.00 (40.70 to 41.70): VN055482.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055482.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055482.D (-2217) (-)

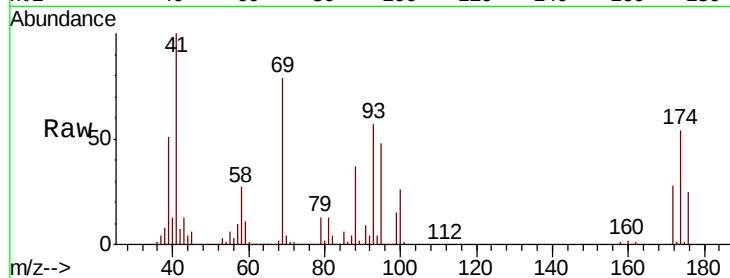




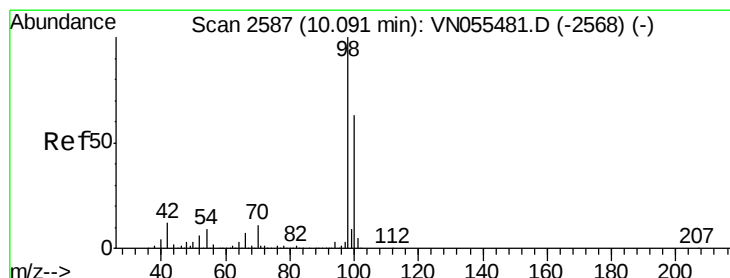
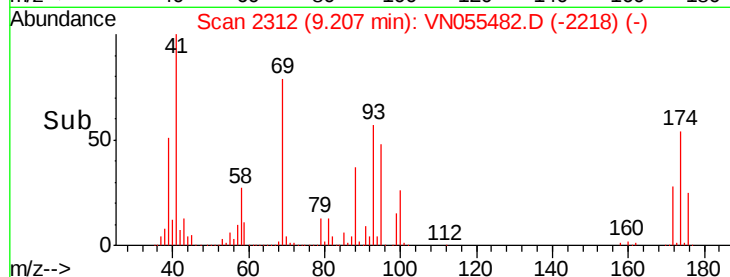
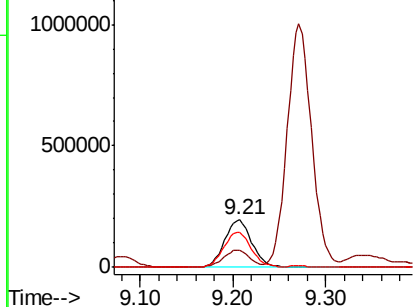
#49
 1,4-Dioxane
 Concen: 4149.262 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 88 Resp: 402802
 Ion Ratio Lower Upper
 88 100
 43 33.7 27.8 41.8
 58 74.8 61.8 92.6

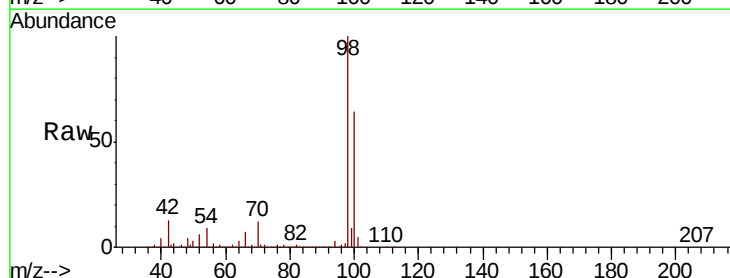


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

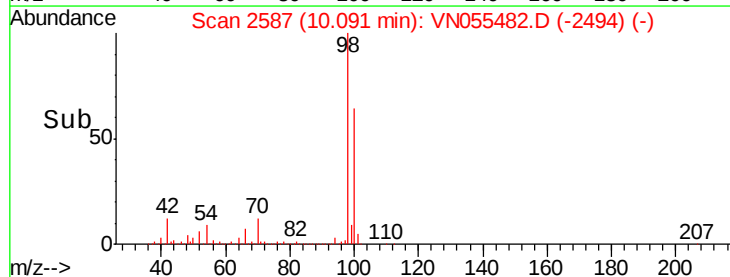
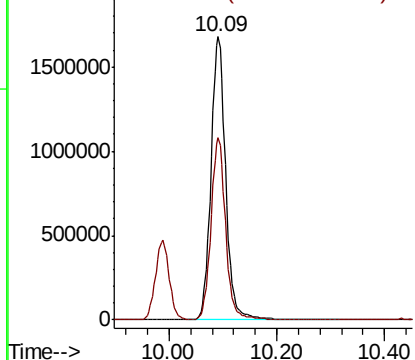


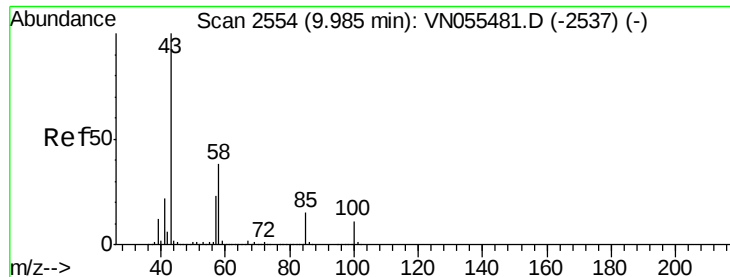
#50
 Toluene-d8
 Concen: 104.419 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 98 Resp: 3182628
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 763.311 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

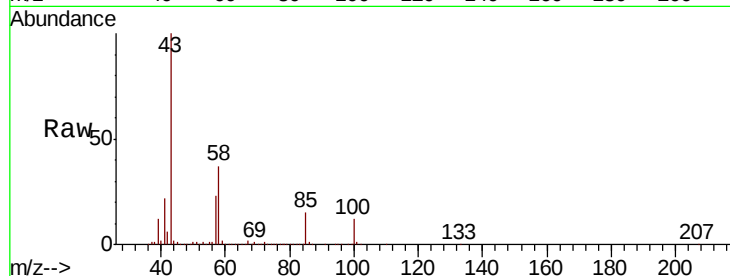
VSTDIC100

Tot Ion: 43 Resp: 7123092

Ion Ratio Lower Upper

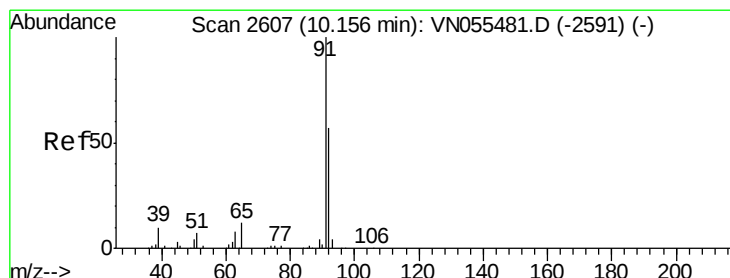
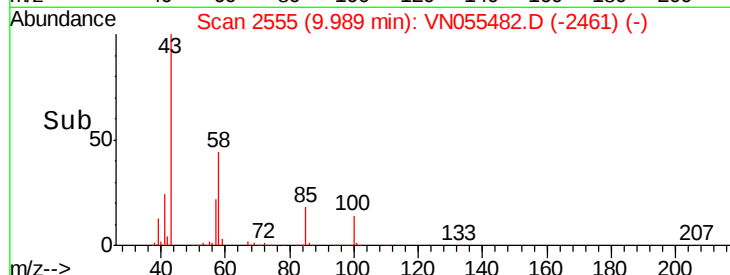
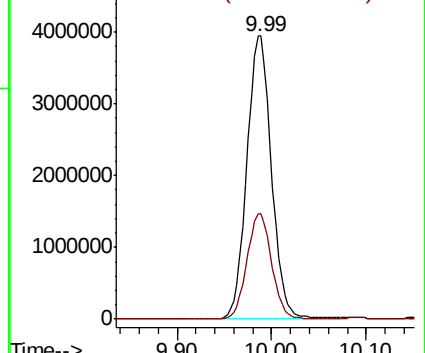
43 100

58 37.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-2537) (-)



#52

Toluene

Concen: 107.590 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055482.D

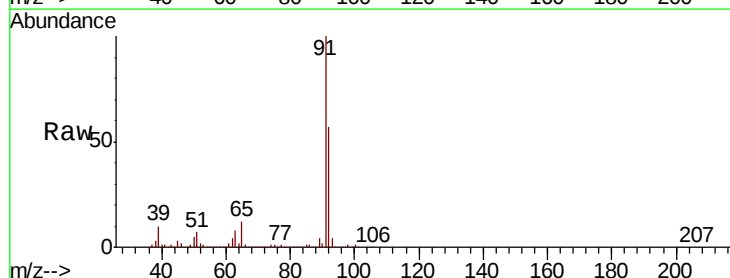
Acq: 8 May 2019 18:14

Tgt Ion: 92 Resp: 2241376

Ion Ratio Lower Upper

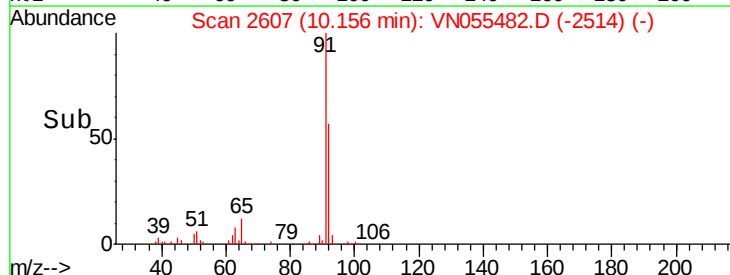
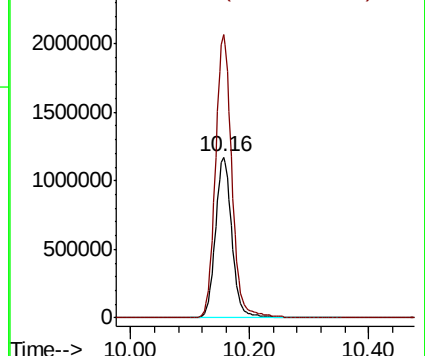
92 100

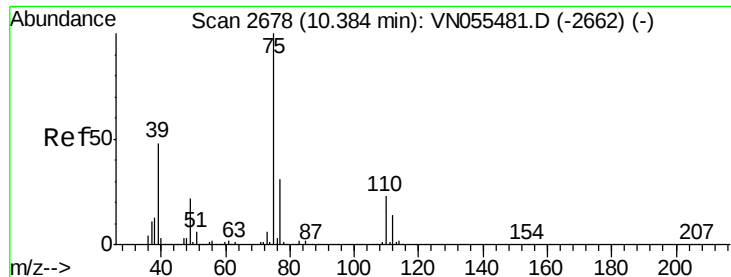
91 175.7 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN055481.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055481.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 124.837 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

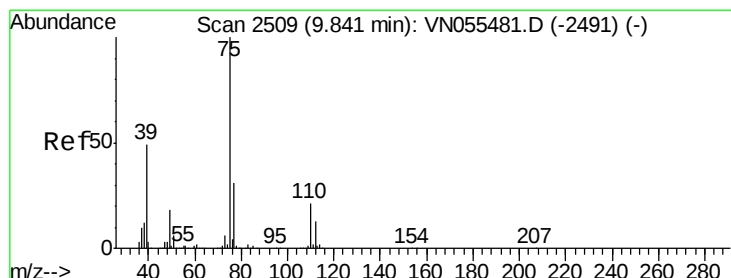
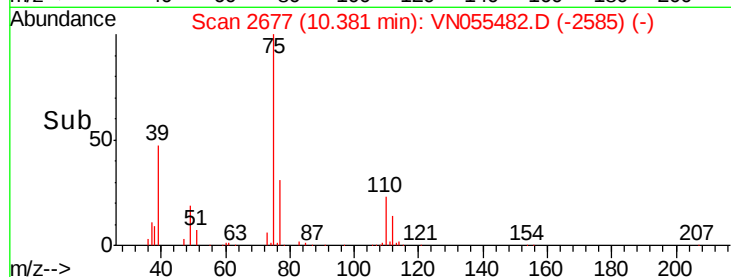
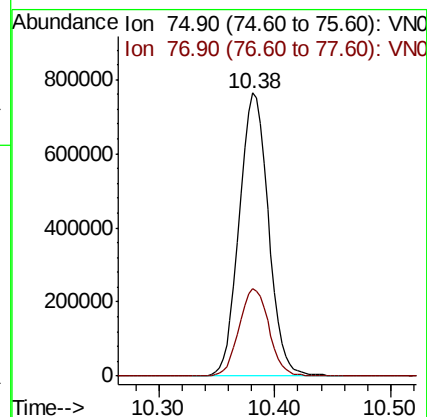
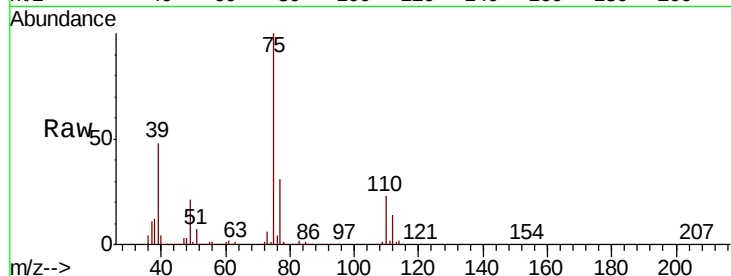
VSTDIC100

Tot Ion: 75 Resp: 1336595

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 116.757 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

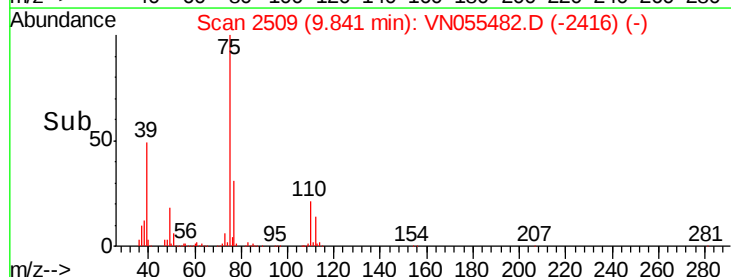
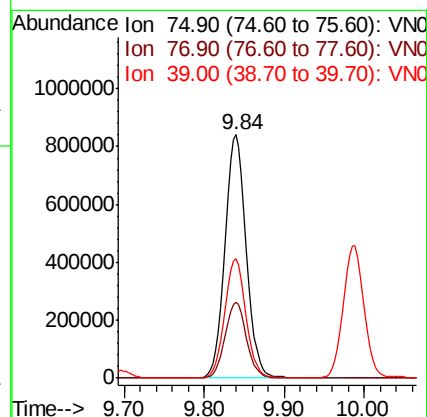
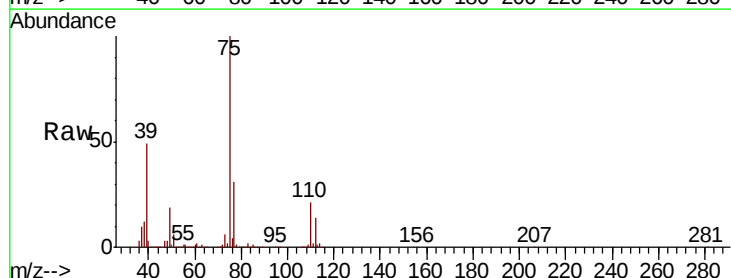
Tgt Ion: 75 Resp: 1547479

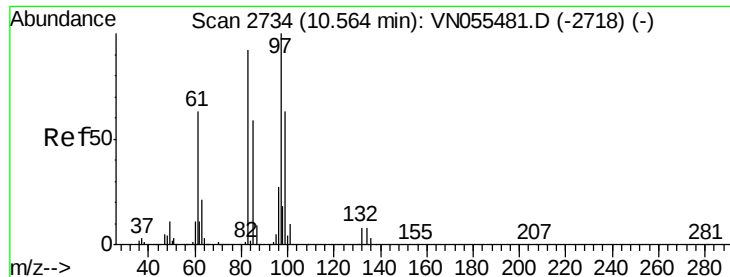
Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6

39 49.0 39.5 59.3





#55

1,1,2-Trichloroethane

Concen: 112.629 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 881986

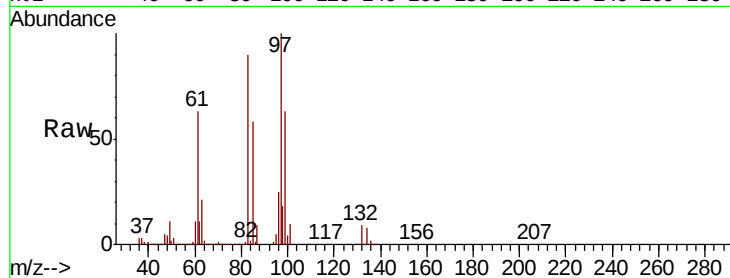
Ion Ratio Lower Upper

97 100

83 90.1 73.2 109.8

85 57.9 47.5 71.3

99 62.9 50.2 75.2

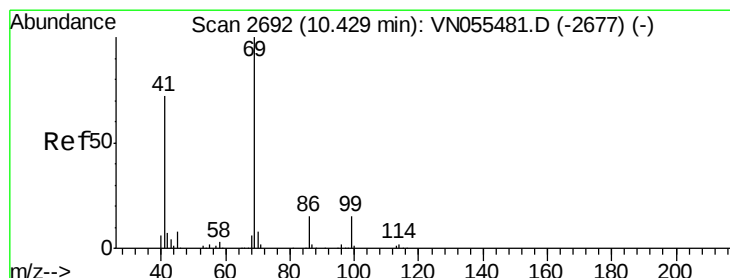
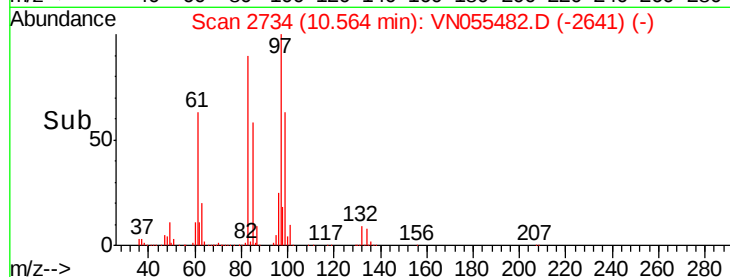
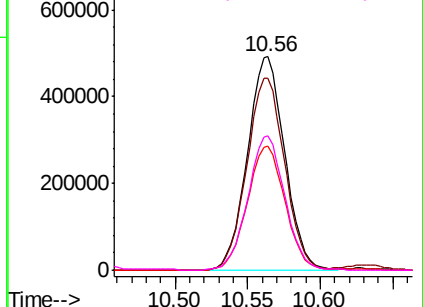


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 147.396 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

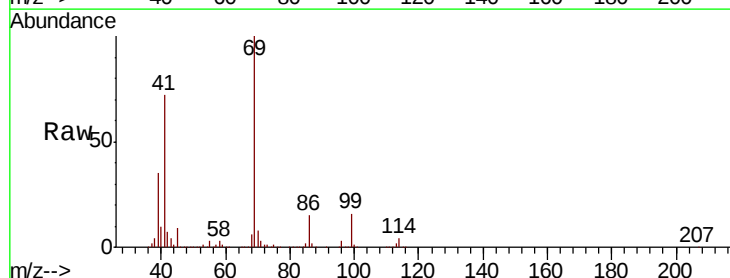
Tgt Ion: 69 Resp: 1476642

Ion Ratio Lower Upper

69 100

41 69.9 56.2 84.2

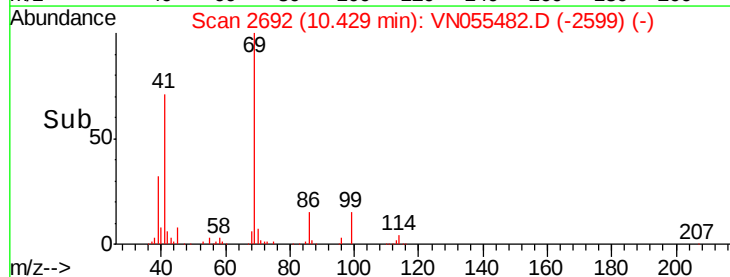
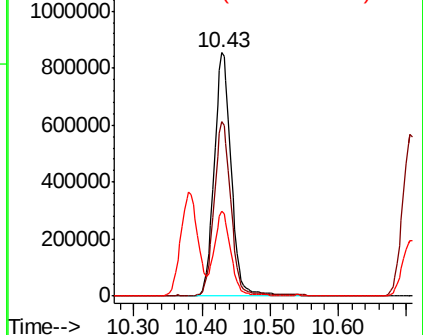
39 33.2 27.8 41.6

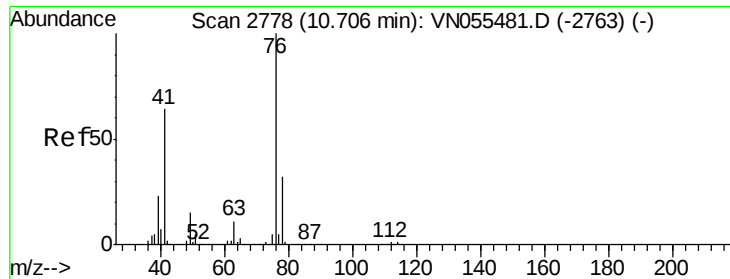


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 115.523 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

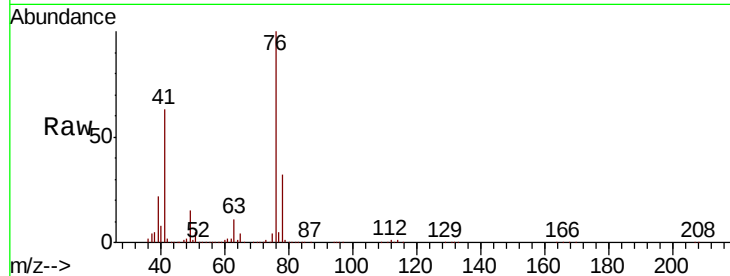
VSTDIC100

Tot Ion: 76 Resp: 1593157

Ion Ratio Lower Upper

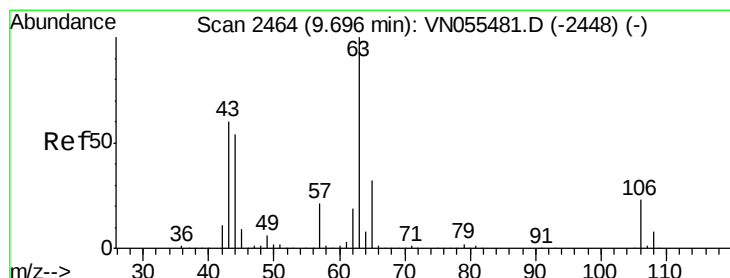
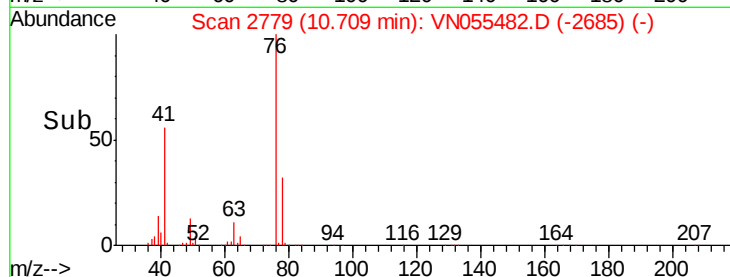
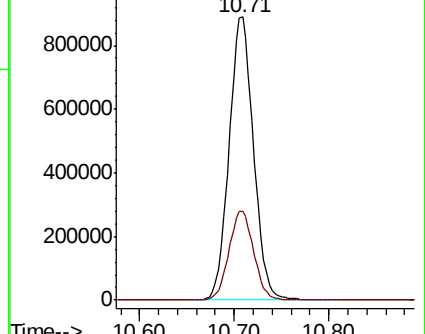
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 857.255 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN055482.D

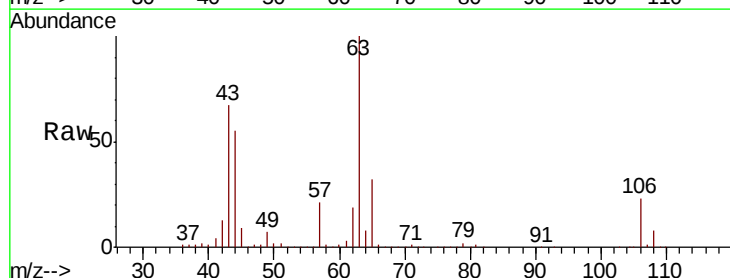
Acq: 8 May 2019 18:14

Tgt Ion: 63 Resp: 2330416

Ion Ratio Lower Upper

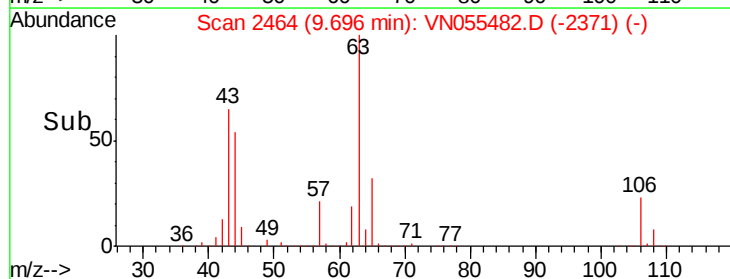
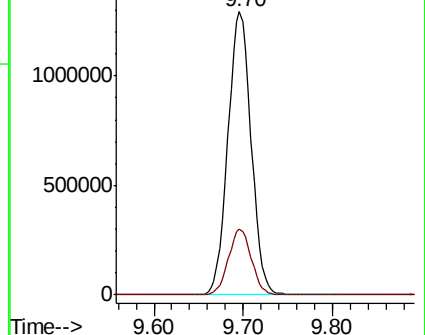
63 100

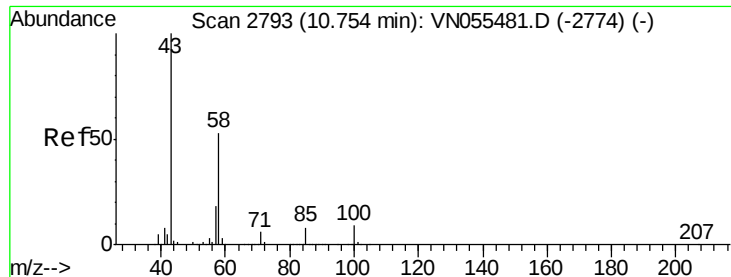
106 22.9 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

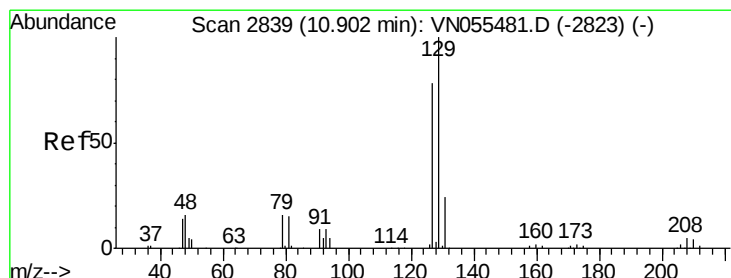
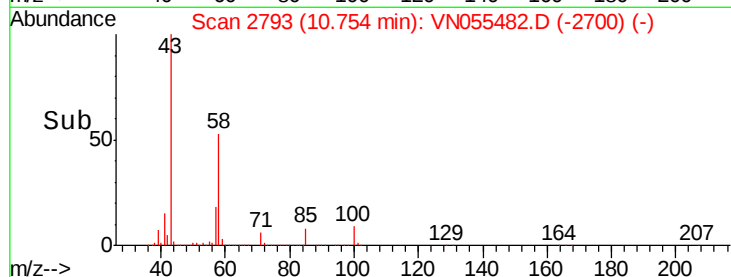
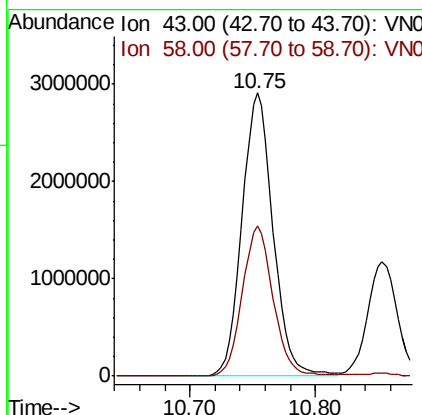
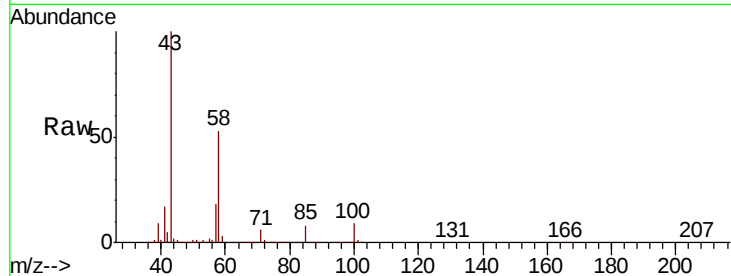




#59
2-Hexanone
Concen: 832.145 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

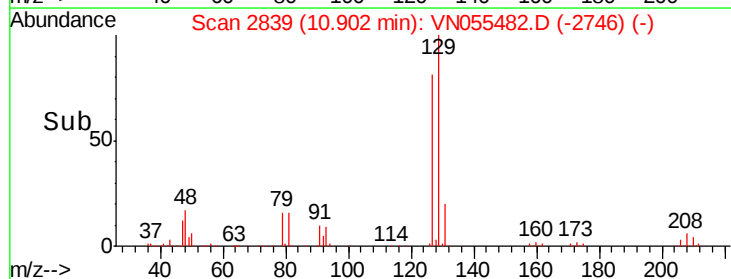
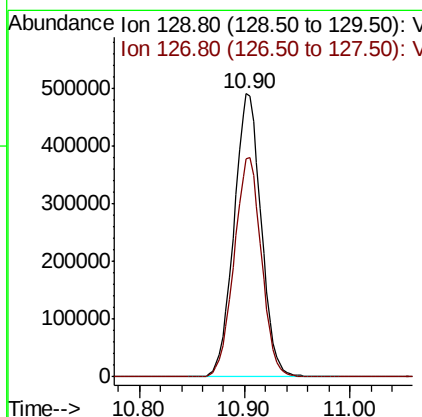
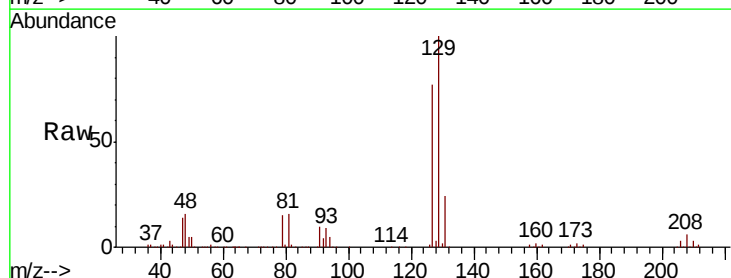
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

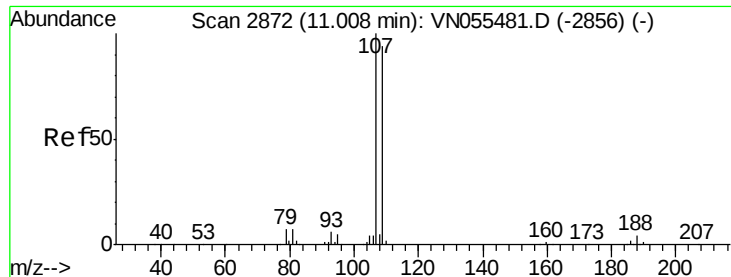
Tot Ion: 43 Resp: 5005836
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0



#60
Dibromochloromethane
Concen: 111.789 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 129 Resp: 875242
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

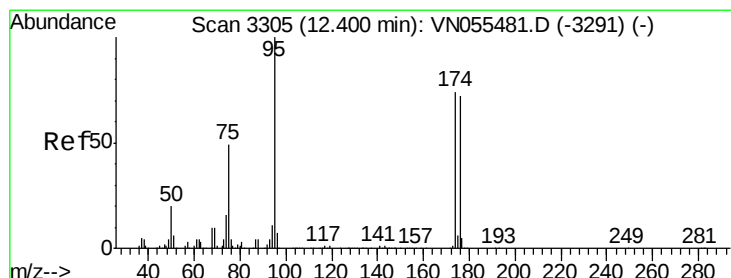
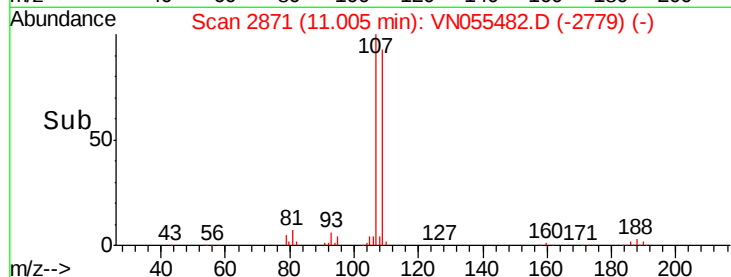
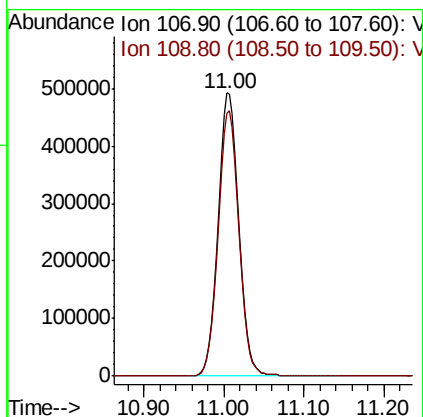
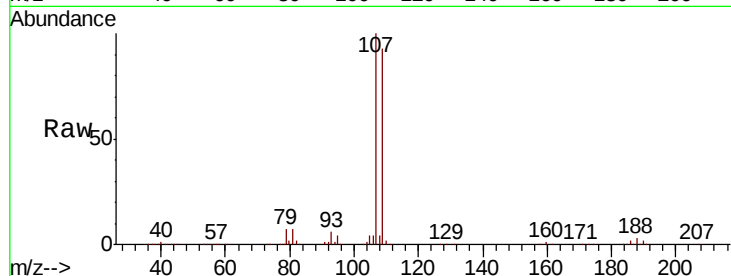




#61
 1,2-Dibromoethane
 Concen: 121.267 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

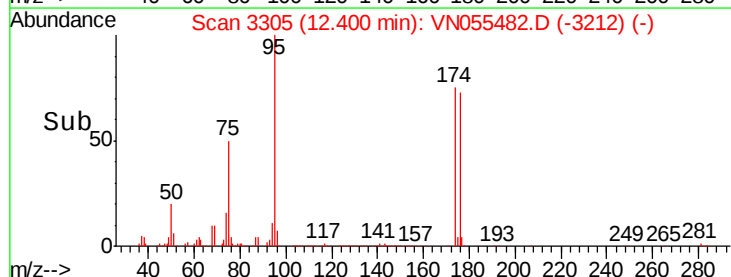
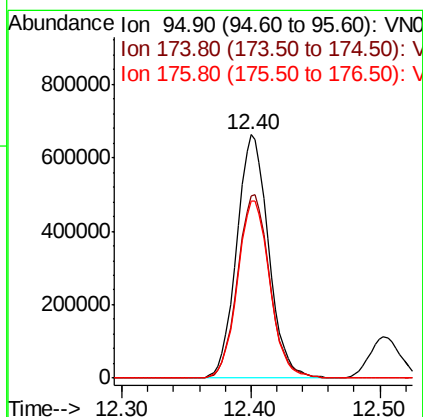
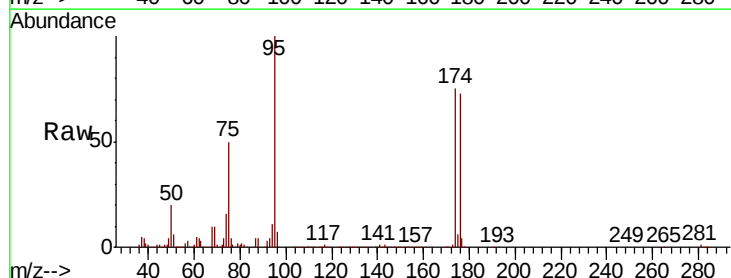
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

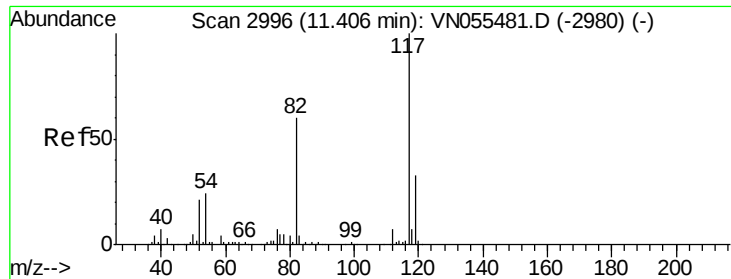
Tot Ion:107 Resp: 886249
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 118.637 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion: 95 Resp: 1140917
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 152.2
 176 73.8 0.0 147.8

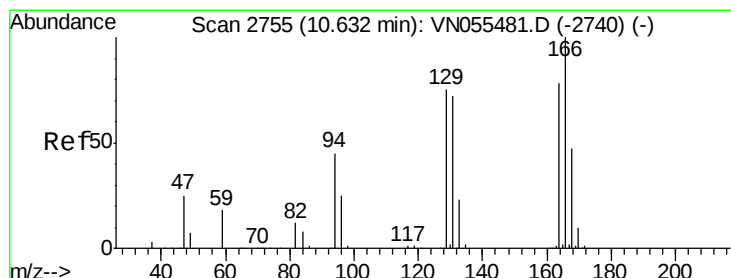
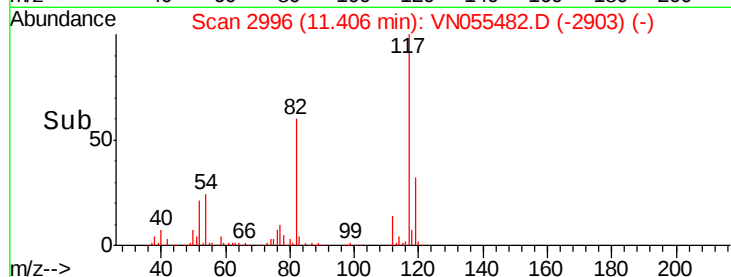
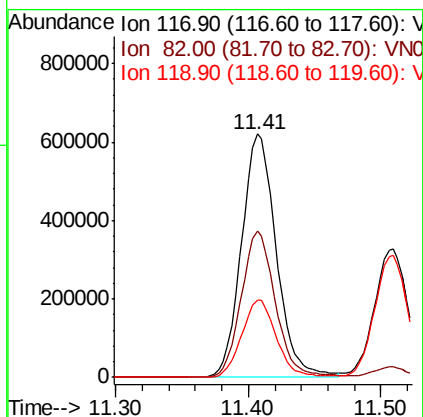
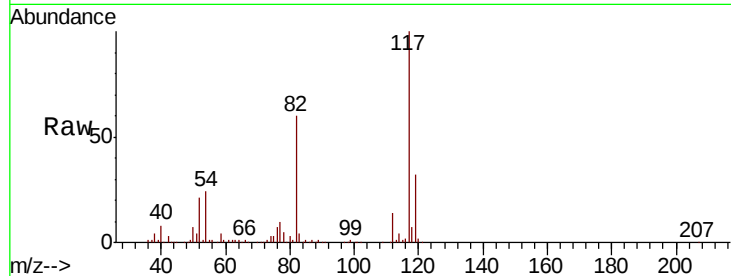




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

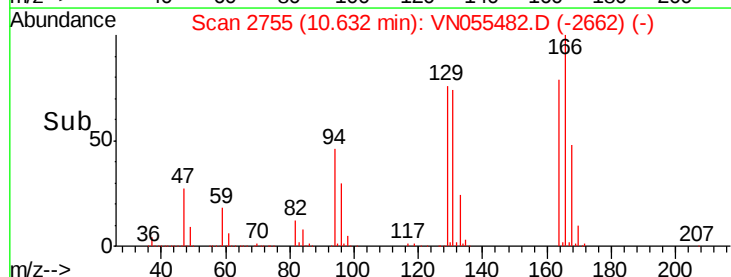
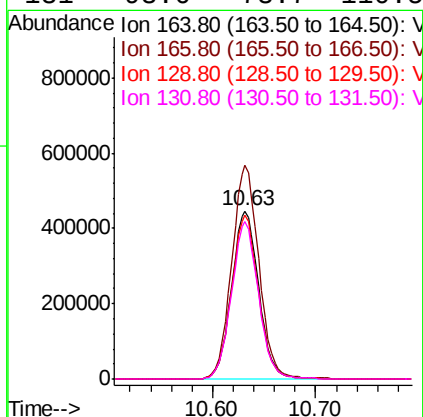
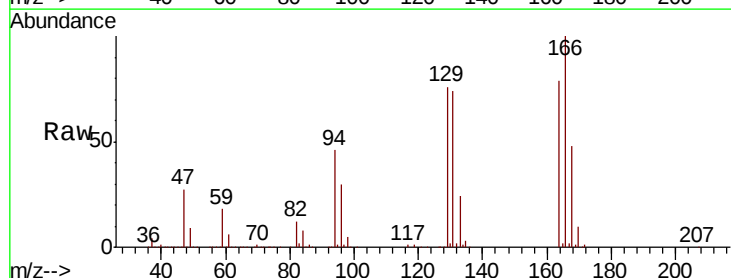
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

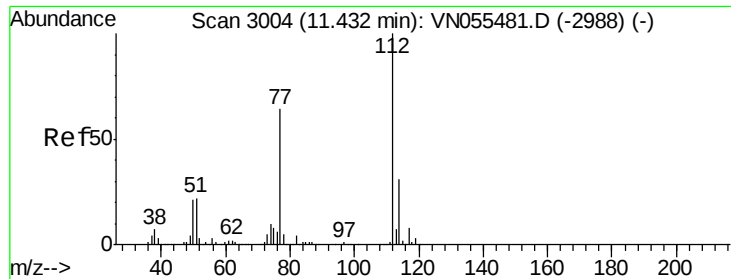
Tot Ion:117 Resp: 1131073
Ion Ratio Lower Upper
117 100
82 59.9 48.0 72.0
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 88.206 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion:164 Resp: 820665
Ion Ratio Lower Upper
164 100
166 127.1 102.6 153.8
129 97.2 77.0 115.6
131 93.6 73.7 110.5





#65

Chlorobenzene

Concen: 100.620 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

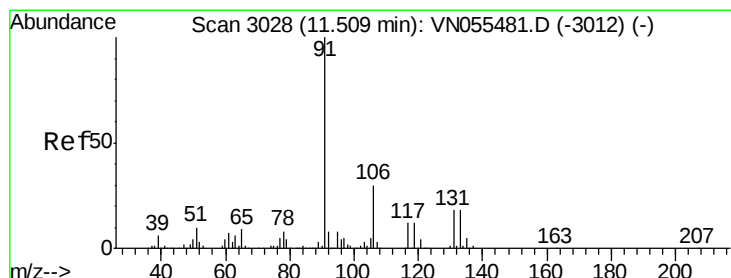
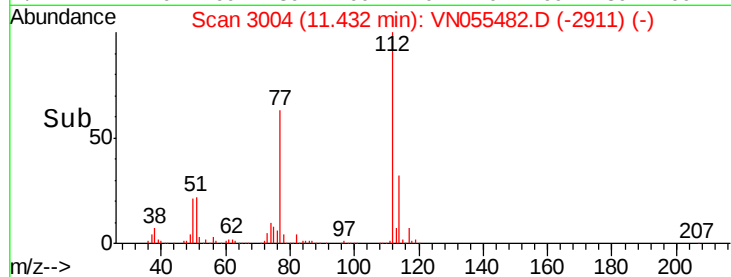
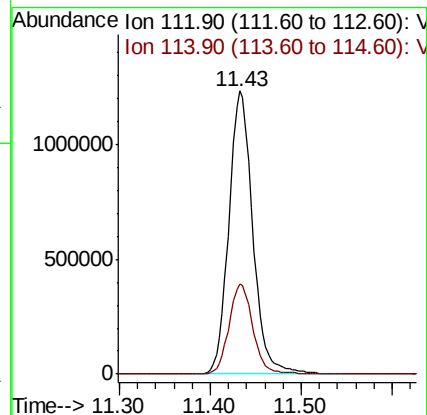
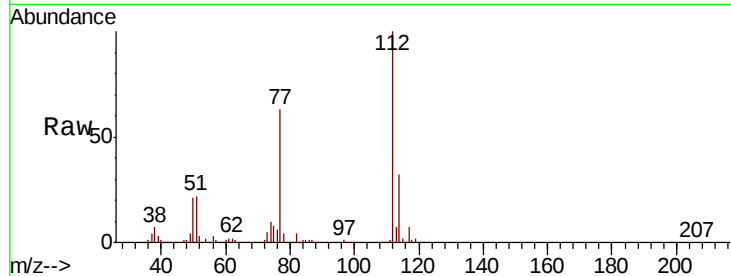
VSTDIC100

Tot Ion:112 Resp: 2254087

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 93.143 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

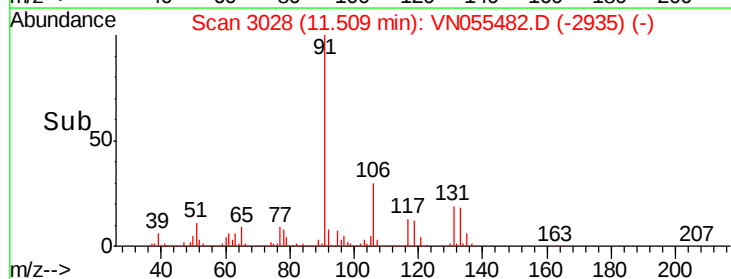
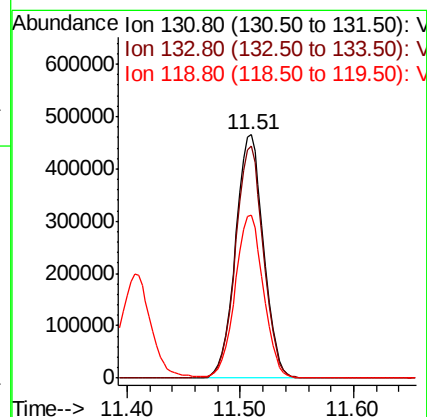
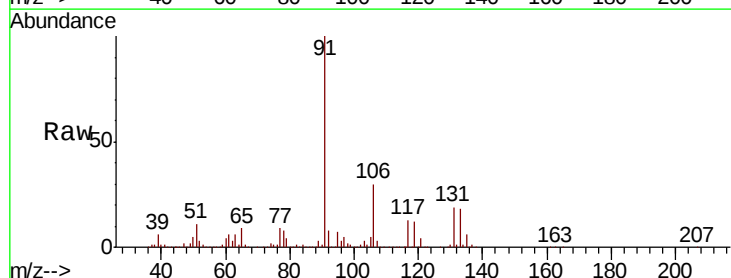
Tgt Ion:131 Resp: 801861

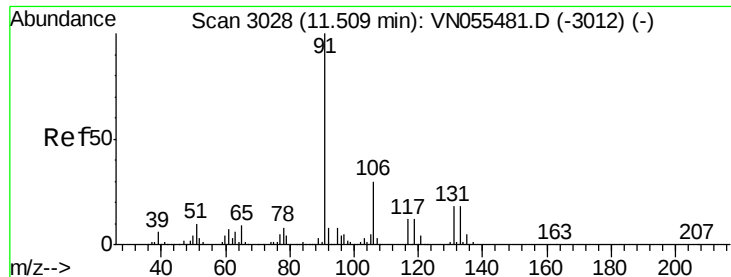
Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.2

119 67.9 34.1 102.2

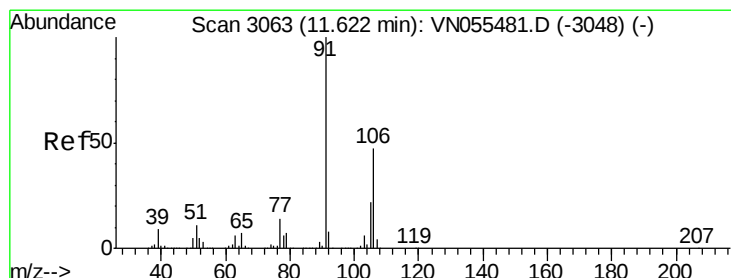
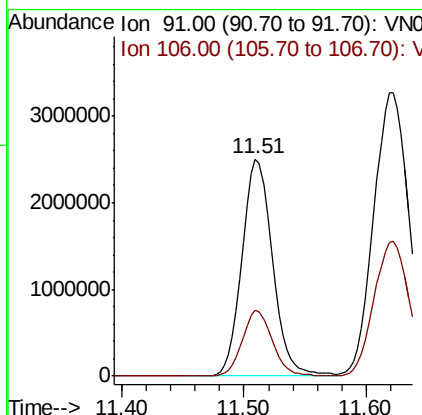
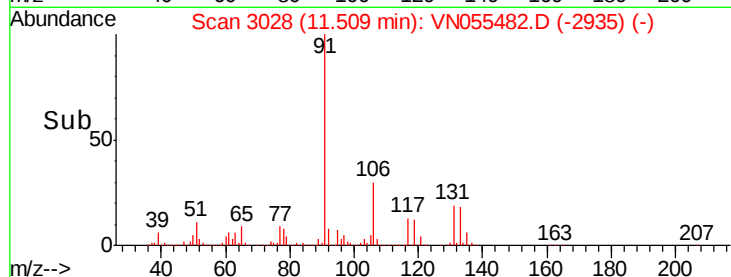
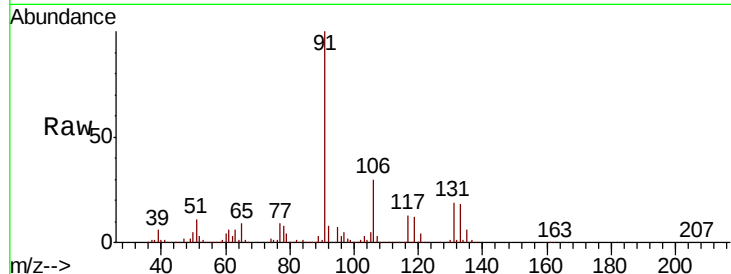




#67
Ethyl Benzene
Concen: 106.603 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

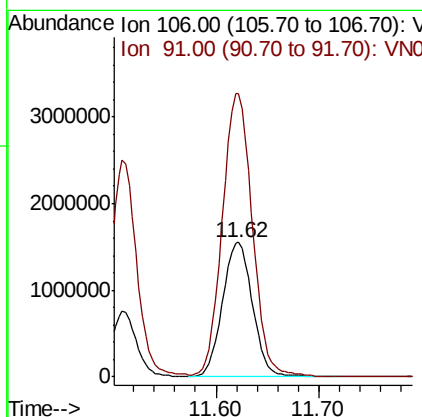
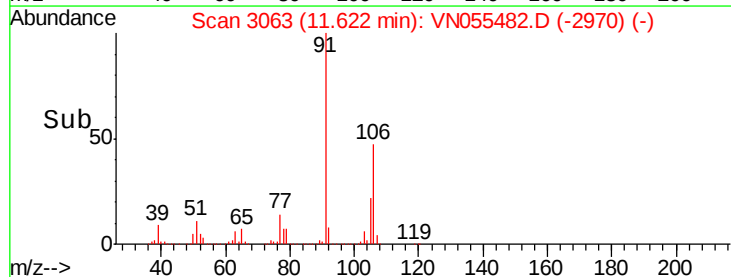
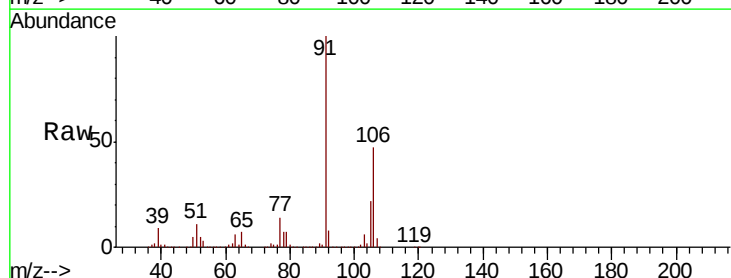
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

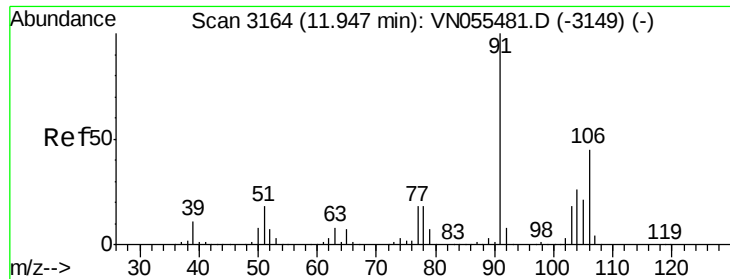
Tot Ion: 91 Resp: 4331983
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 216.241 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 106 Resp: 3143909
Ion Ratio Lower Upper
106 100
91 211.2 169.2 253.8

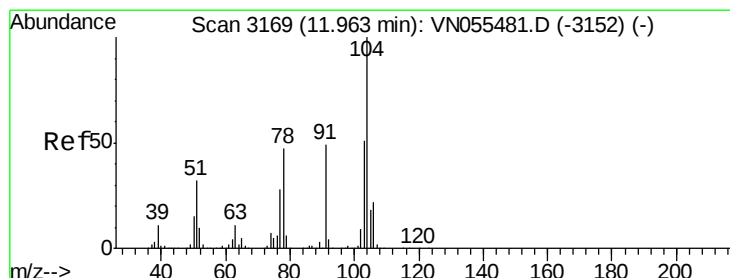
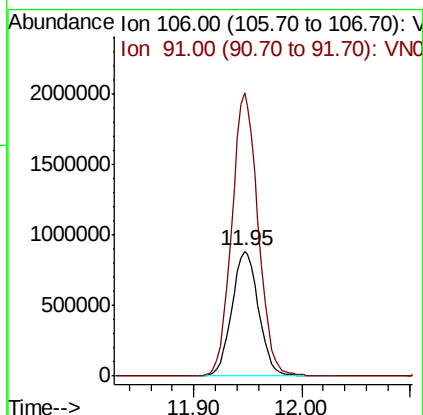
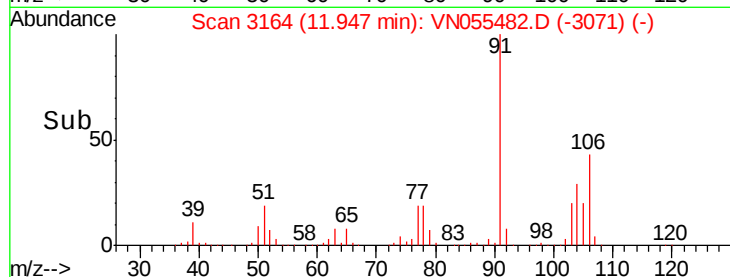
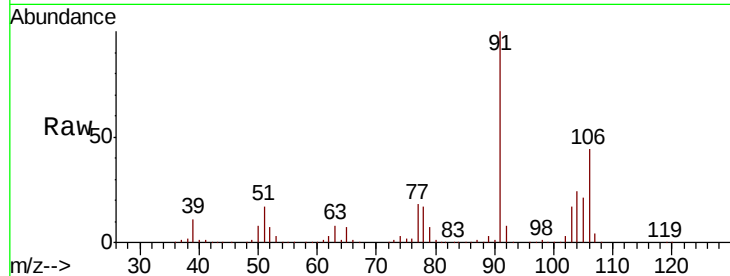




#69
o-Xylene
Concen: 106.249 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

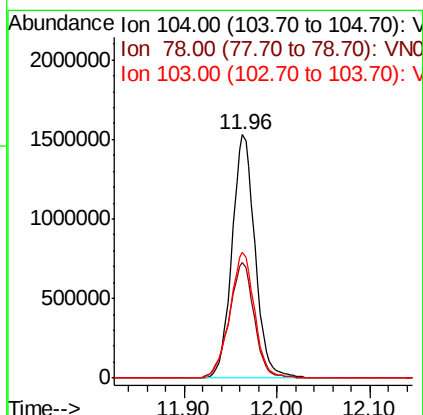
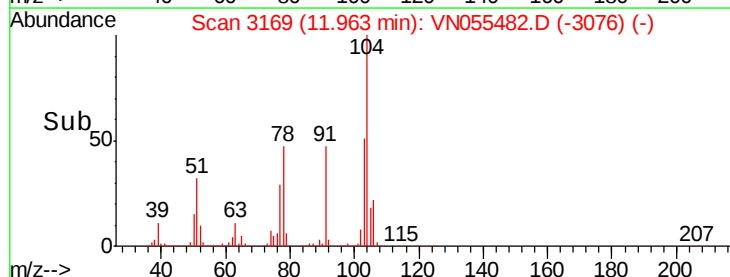
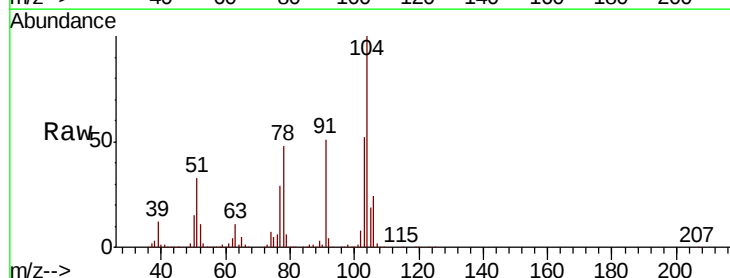
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

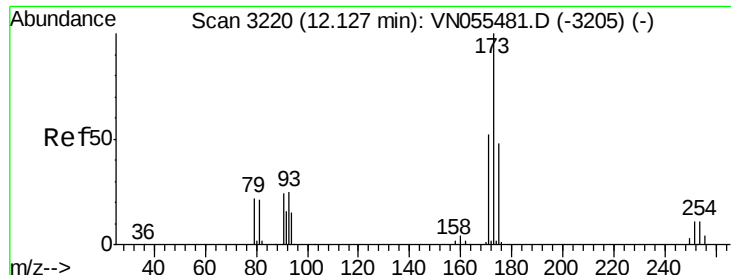
Tot Ion:106 Resp: 1531505
Ion Ratio Lower Upper
106 100
91 222.4 111.3 333.8



#70
Styrene
Concen: 118.508 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion:104 Resp: 2636682
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 122.846 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

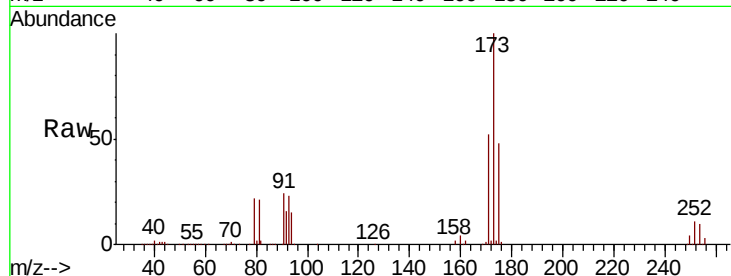
Tot Ion:173 Resp: 603797

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

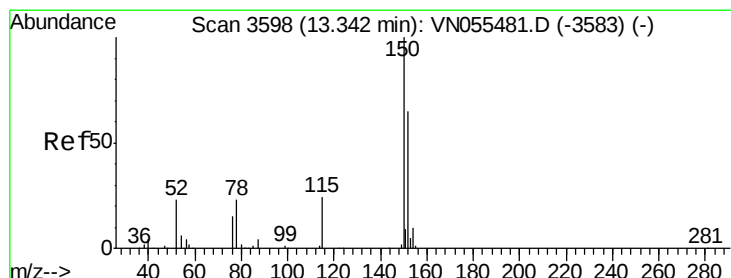
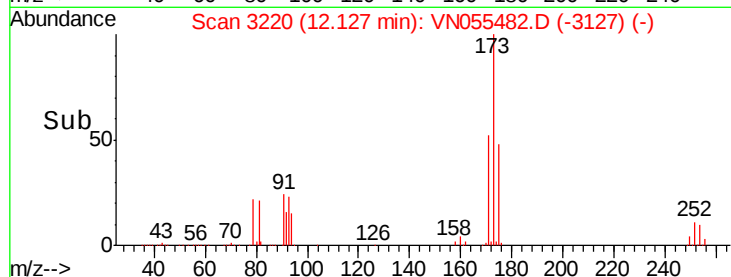
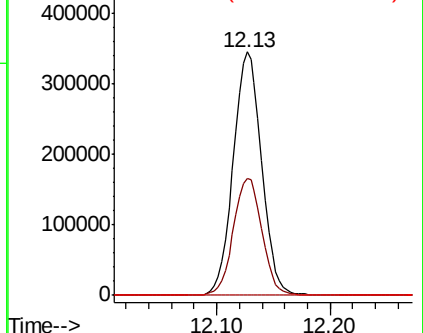
254 0.2 0.1 0.1#



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: VN055482.D

Acq: 8 May 2019 18:14

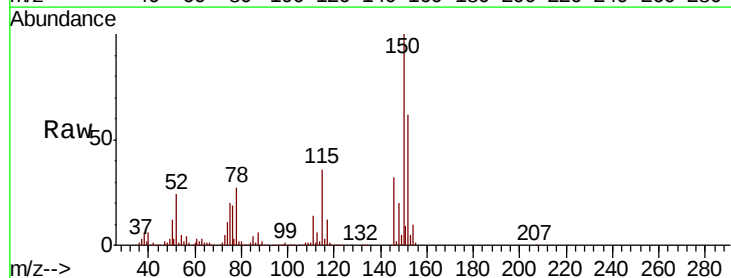
Tgt Ion:152 Resp: 513641

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

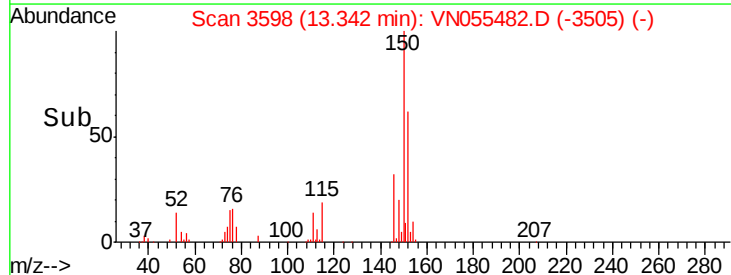
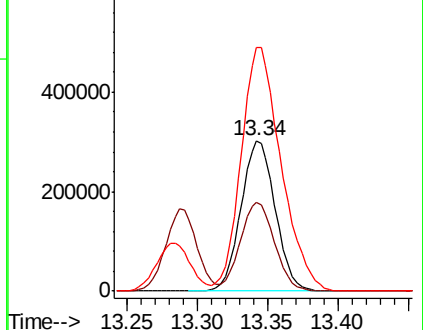
150 188.5 0.0 355.0

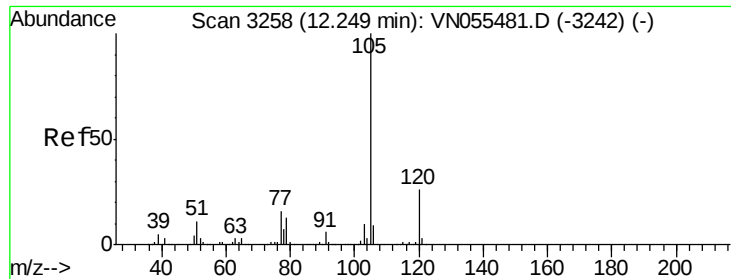


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 78.915 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

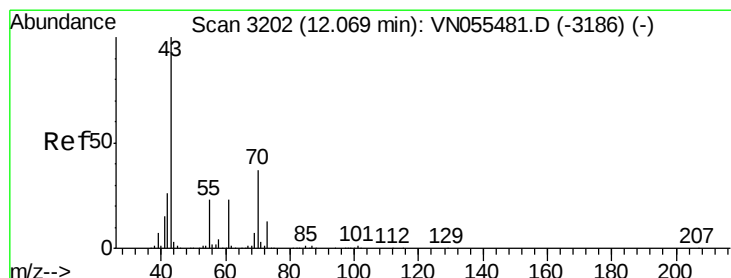
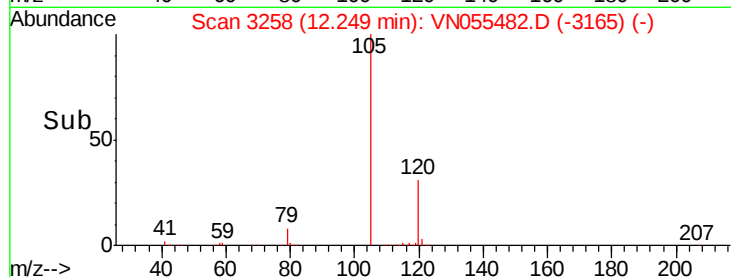
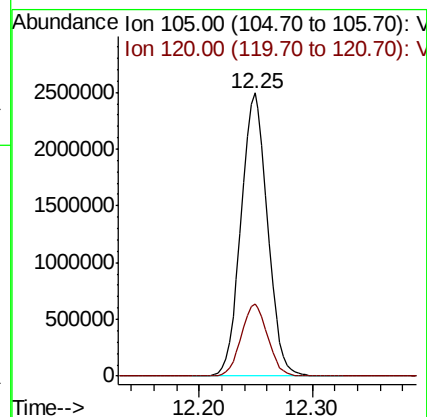
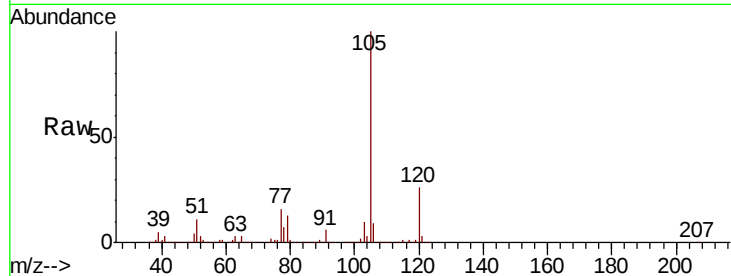
VSTDIC100

Tot Ion:105 Resp: 4069873

Ion Ratio Lower Upper

105 100

120 25.5 13.0 39.0



#74

N-ethyl acetate

Concen: 131.620 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Tgt Ion: 43 Resp: 1873276

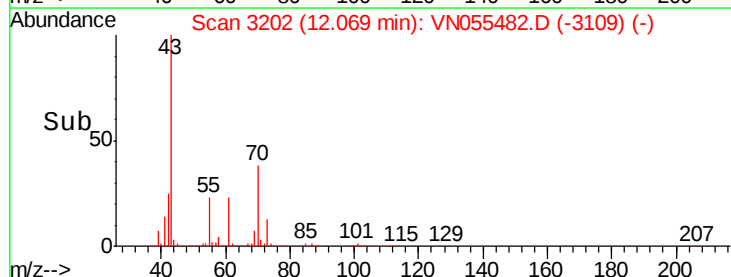
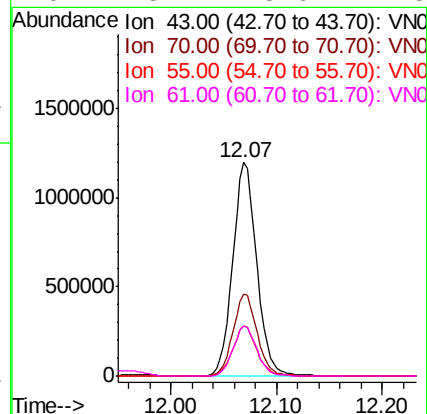
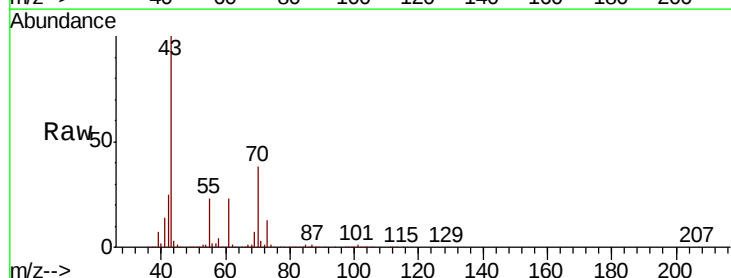
Ion Ratio Lower Upper

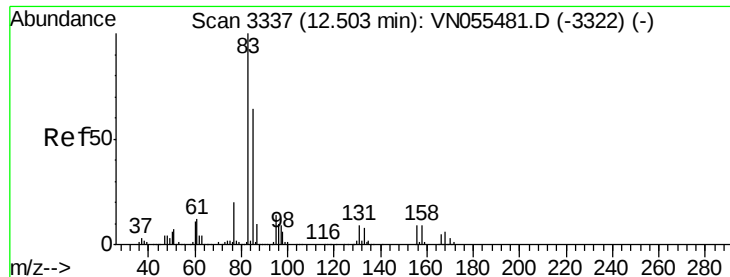
43 100

70 38.7 30.7 46.1

55 23.6 19.3 28.9

61 23.2 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 97.028 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

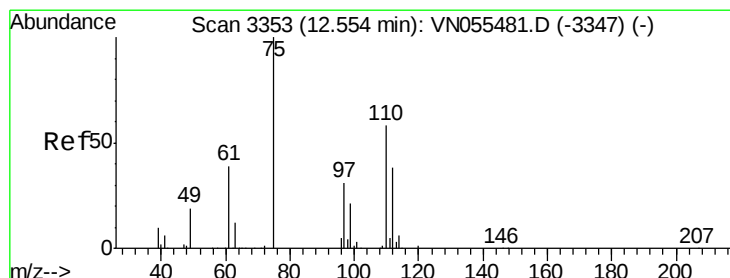
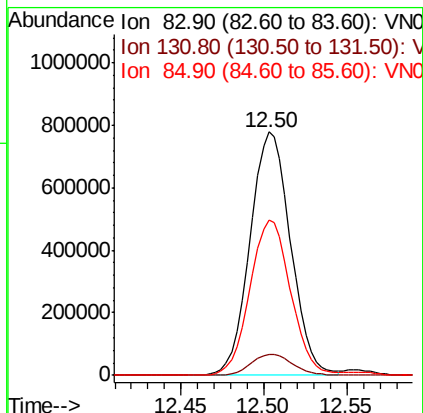
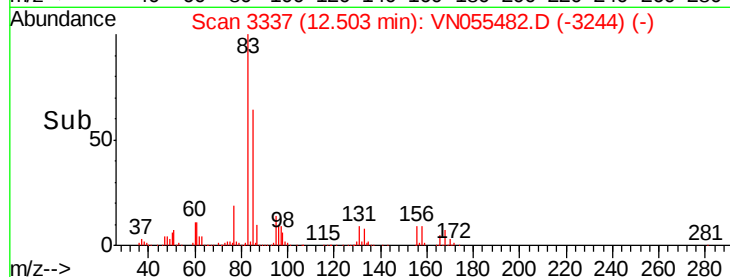
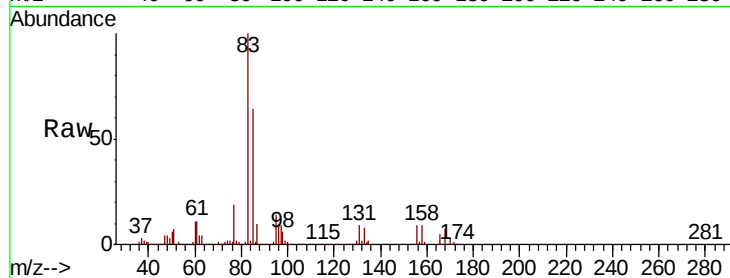
Tot Ion: 83 Resp: 1324493

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 133.465 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055482.D

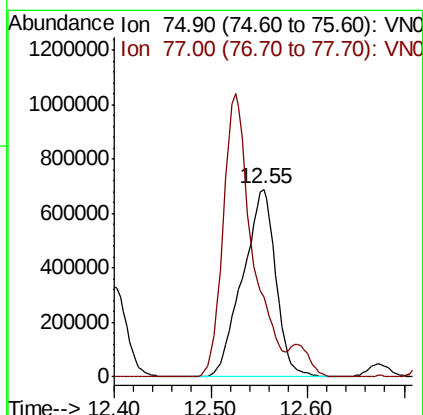
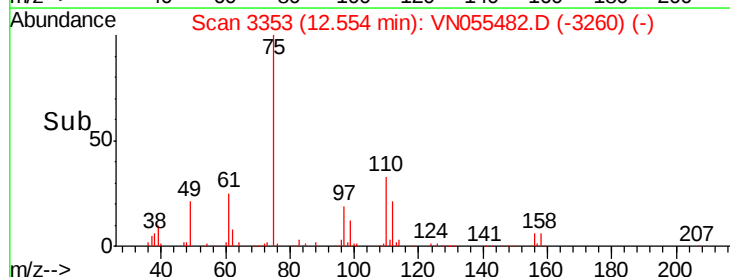
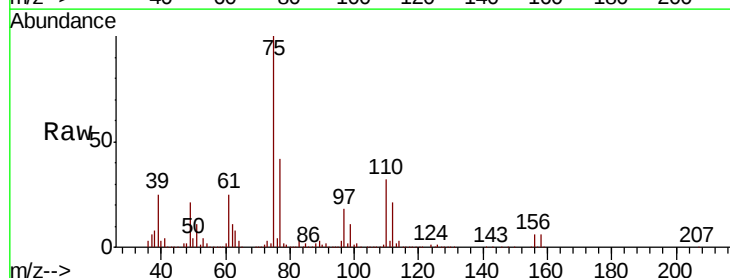
Acq: 8 May 2019 18:14

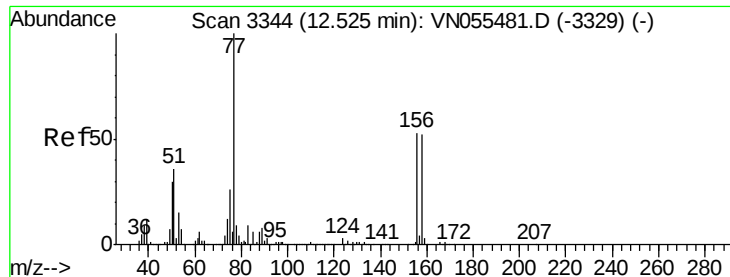
Tgt Ion: 75 Resp: 1637295

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 80.987 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

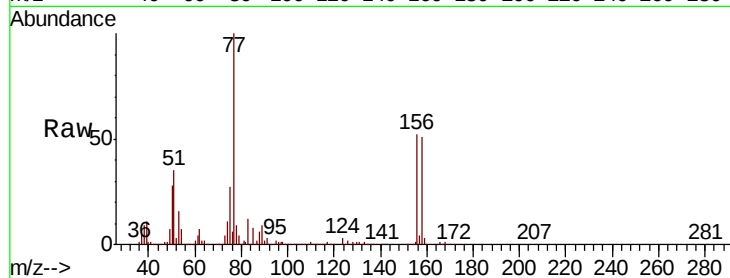
Tot Ion:156 Resp: 944702

Ion Ratio Lower Upper

156 100

77 232.1 115.4 346.2

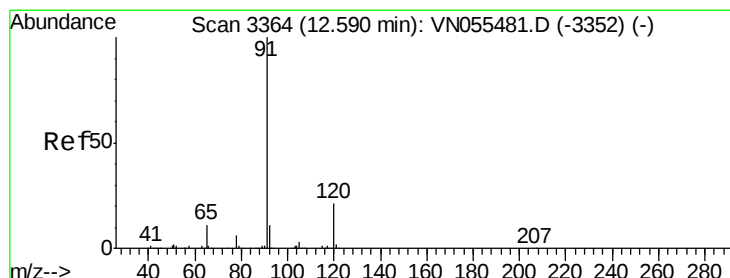
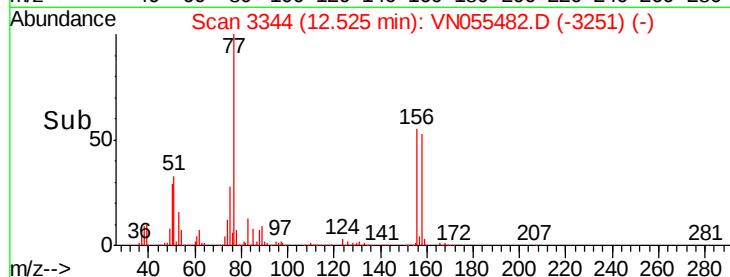
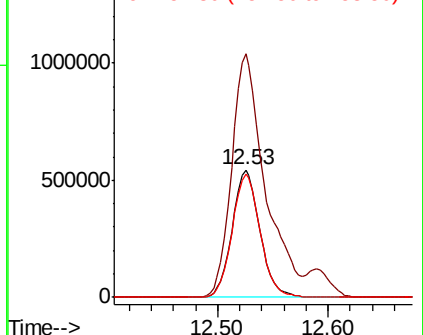
158 98.2 48.7 146.1



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: 89.523 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055482.D

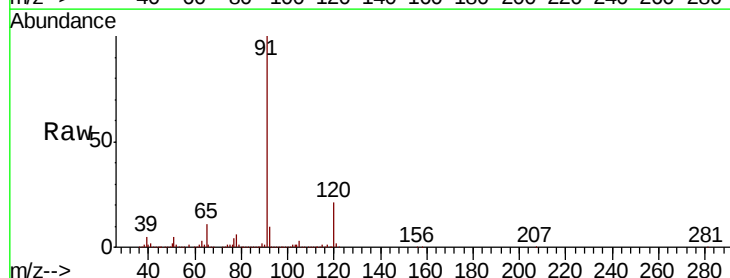
Acq: 8 May 2019 18:14

Tgt Ion: 91 Resp: 4779510

Ion Ratio Lower Upper

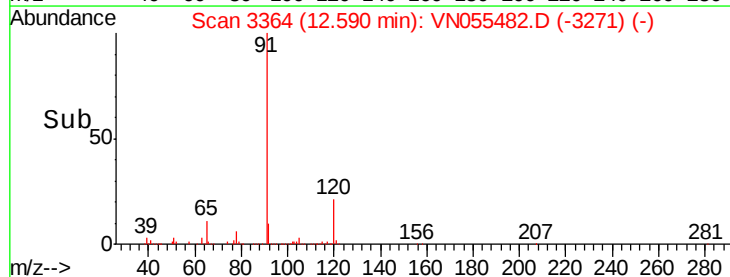
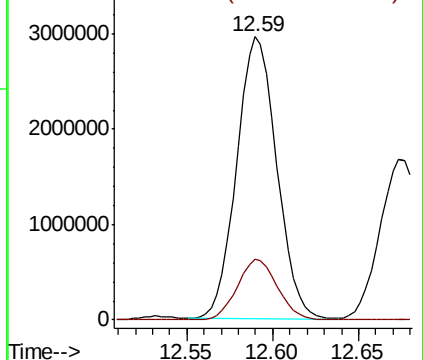
91 100

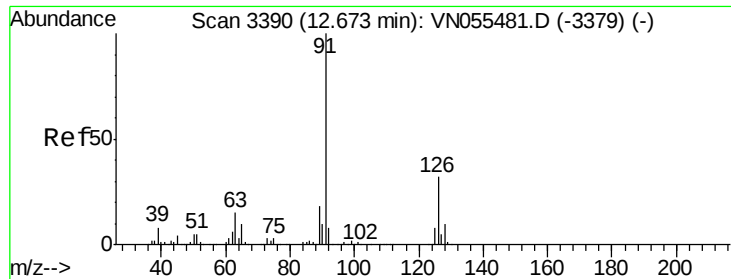
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 82.763 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

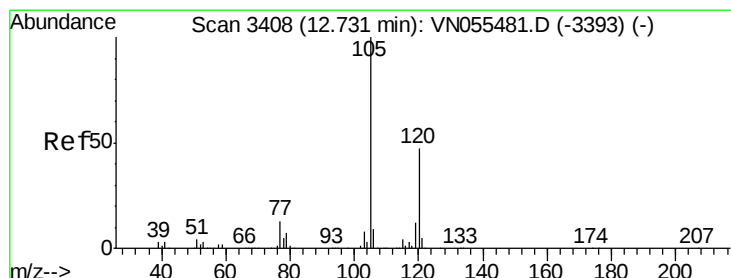
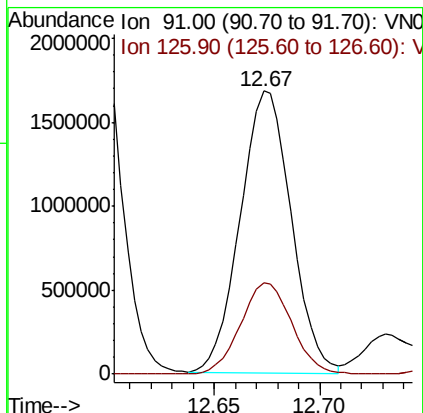
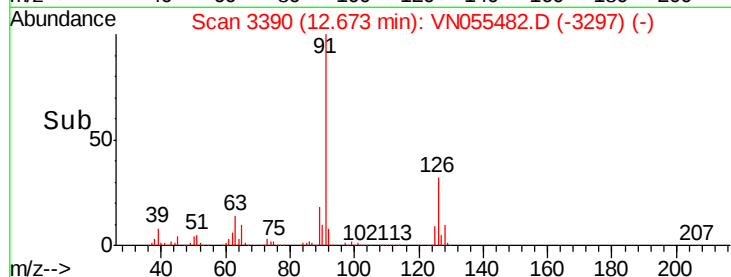
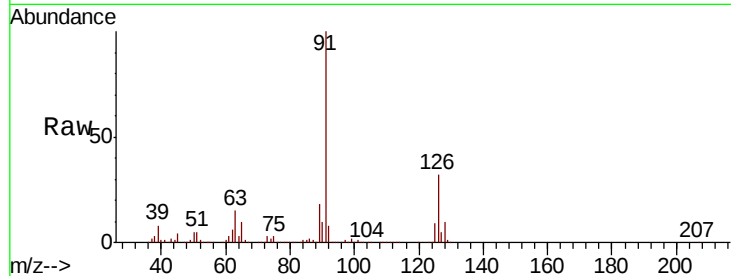
VSTDIC100

Tot Ion: 91 Resp: 2825770

Ion Ratio Lower Upper

91 100

126 32.7 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 86.733 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055482.D

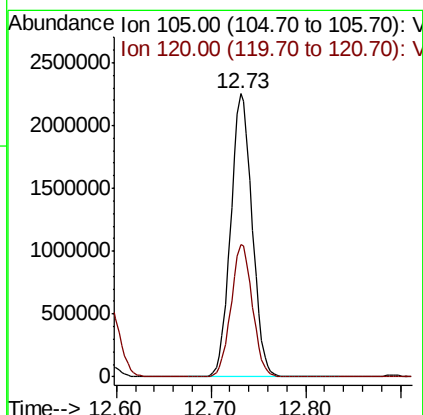
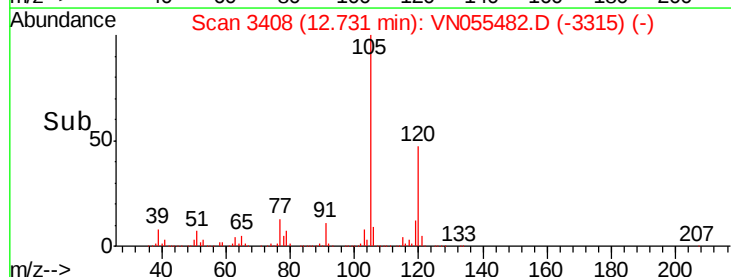
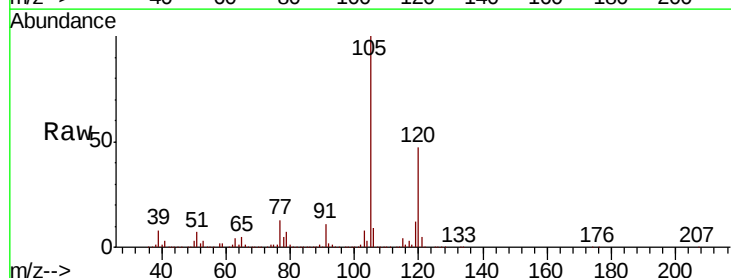
Acq: 8 May 2019 18:14

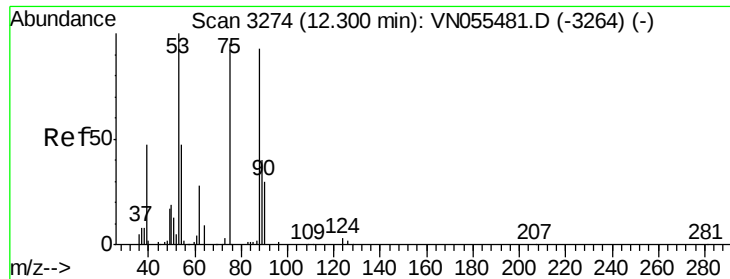
Tgt Ion:105 Resp: 3539591

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 128.057 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

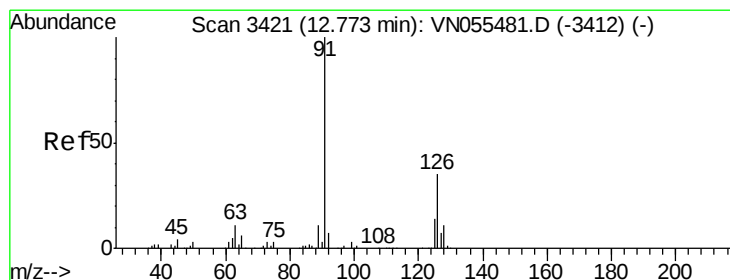
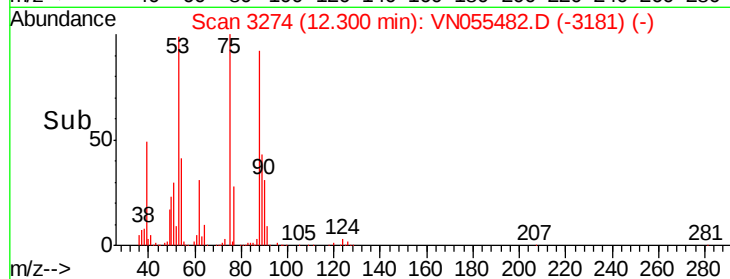
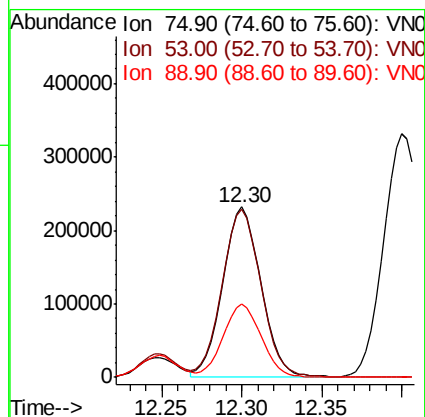
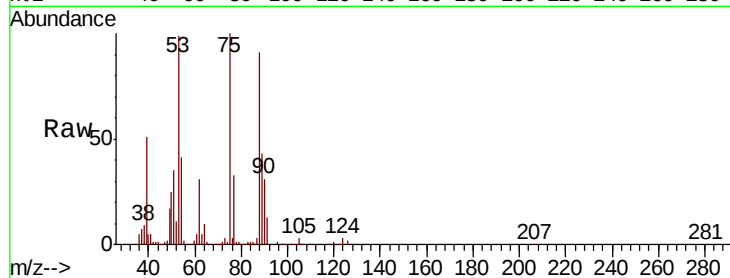
Tot Ion: 75 Resp: 376557

Ion Ratio Lower Upper

75 100

53 101.1 86.5 129.7

89 43.3 35.7 53.5



#82

4-Chlorotoluene

Concen: 92.942 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055482.D

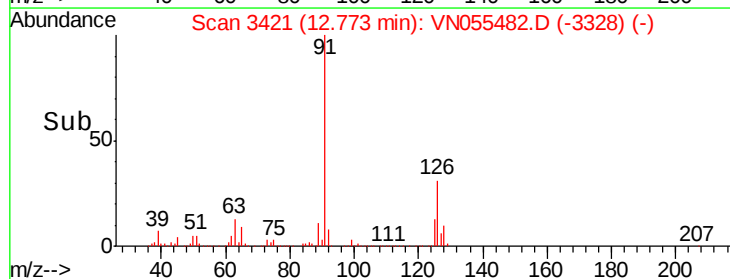
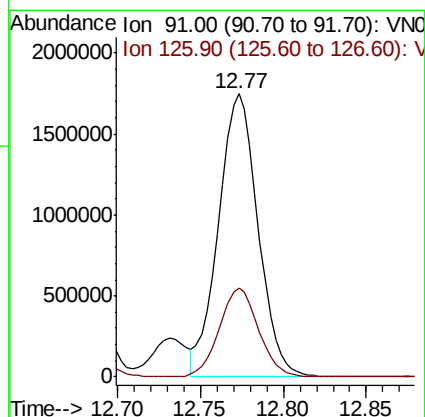
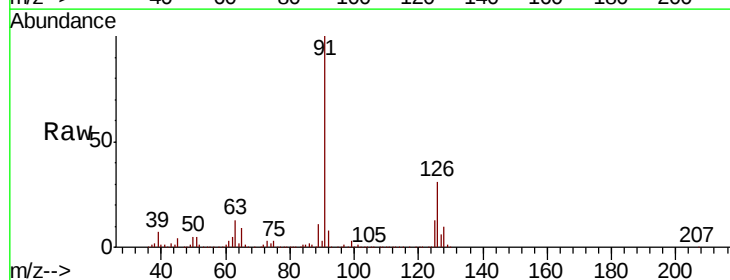
Acq: 8 May 2019 18:14

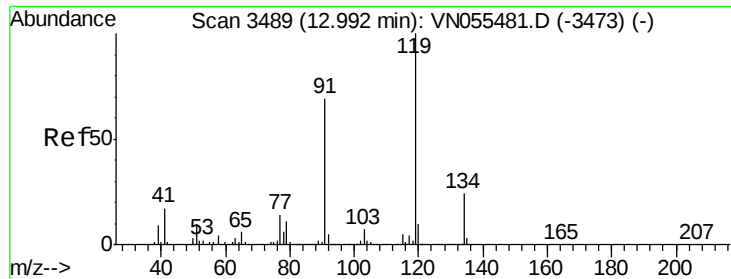
Tgt Ion: 91 Resp: 2895491

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0

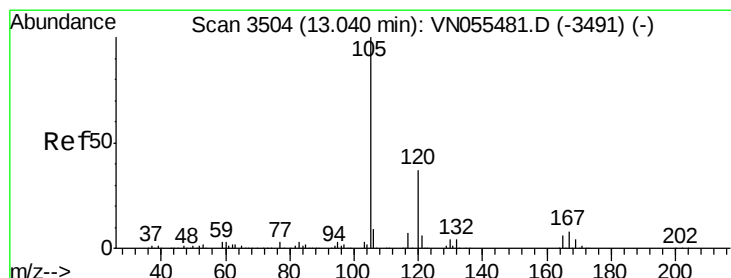
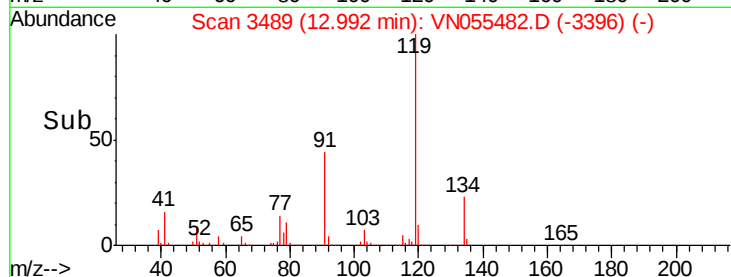
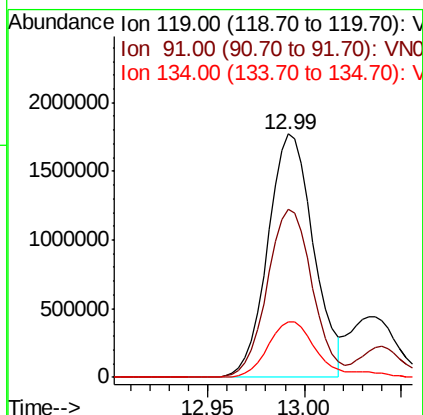
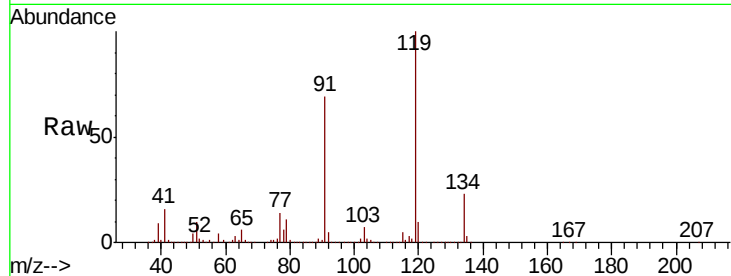




#83
tert-Butylbenzene
Concen: 79.580 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

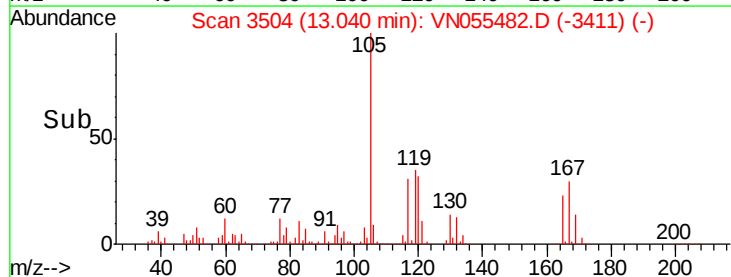
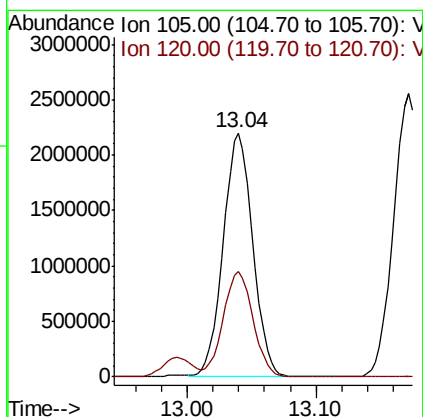
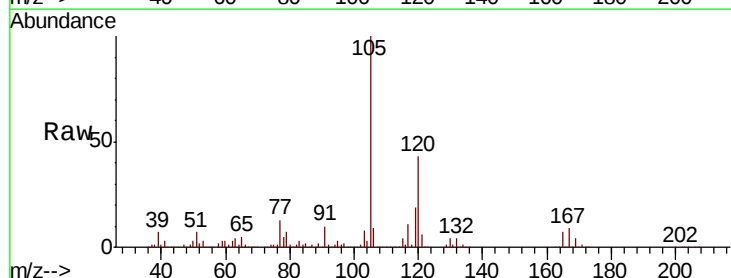
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

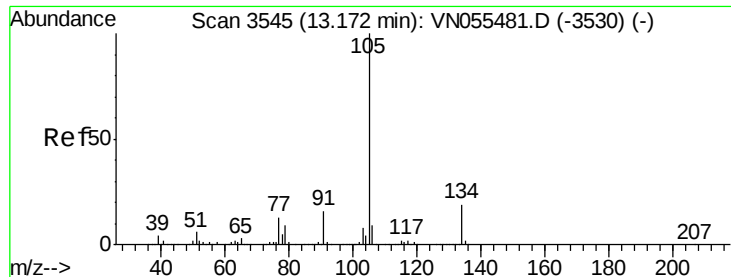
Tot Ion:119 Resp: 2901750
Ion Ratio Lower Upper
119 100
91 68.4 33.8 101.3
134 25.2 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 95.573 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion:105 Resp: 3487282
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 89.843 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

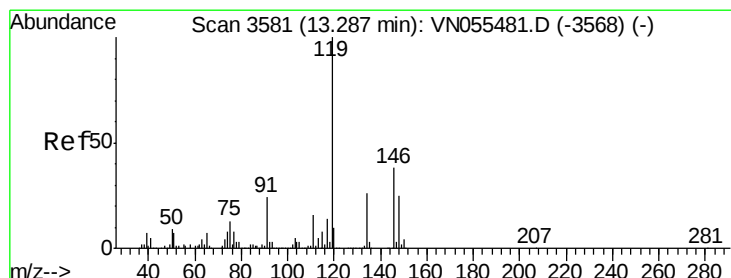
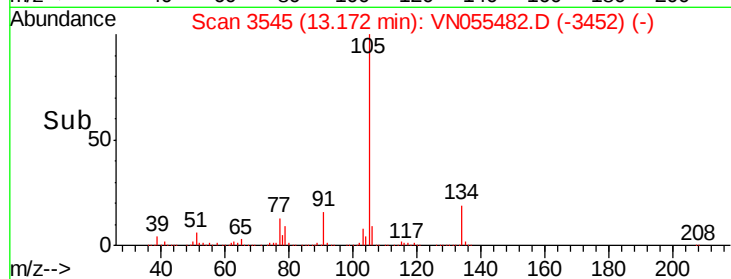
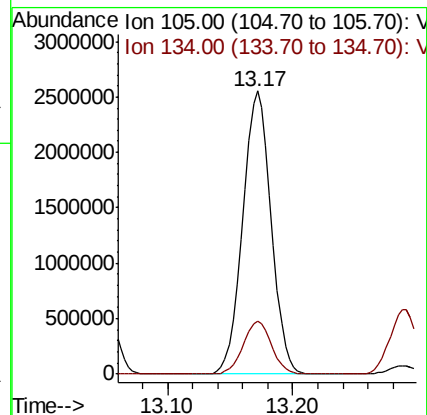
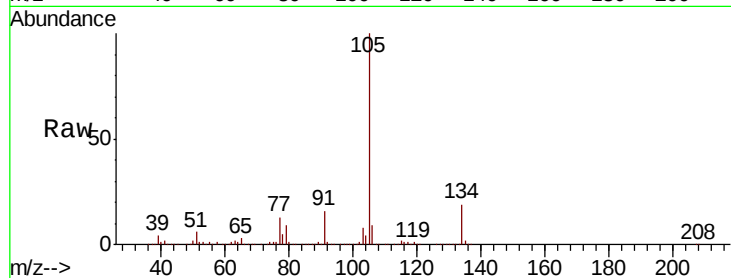
VSTDIC100

Tot Ion:105 Resp: 3998880

Ion Ratio Lower Upper

105 100

134 18.8 9.3 28.0



#86

p-Isopropyltoluene

Concen: 95.917 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

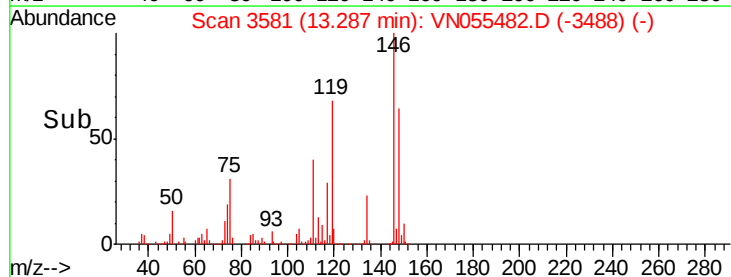
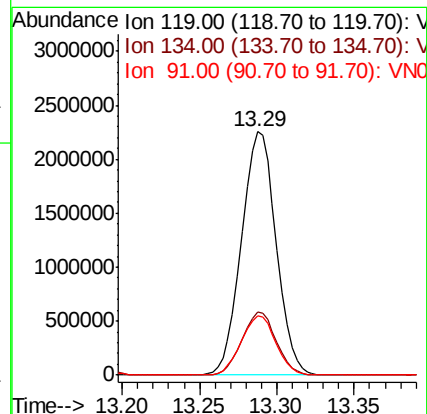
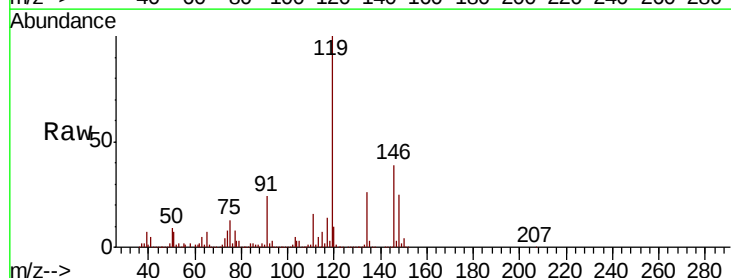
Tgt Ion:119 Resp: 3503861

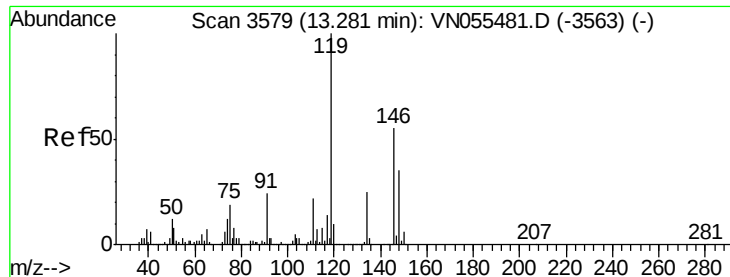
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 95.768 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

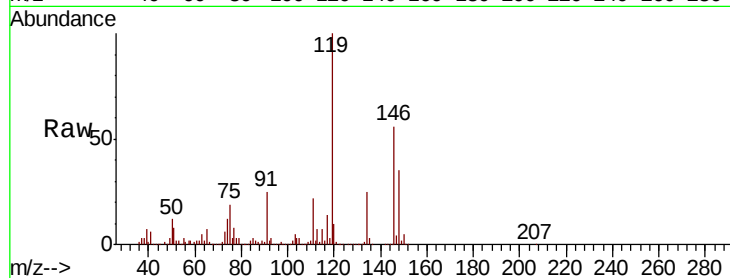
Tot Ion:146 Resp: 1663973

Ion Ratio Lower Upper

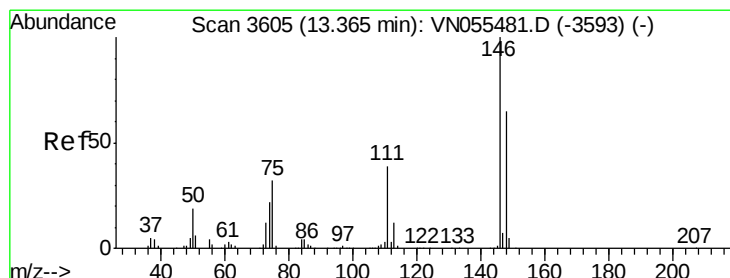
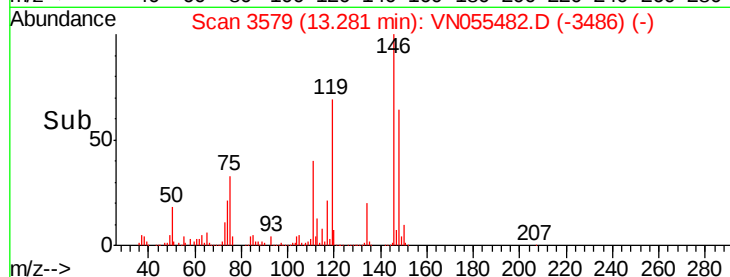
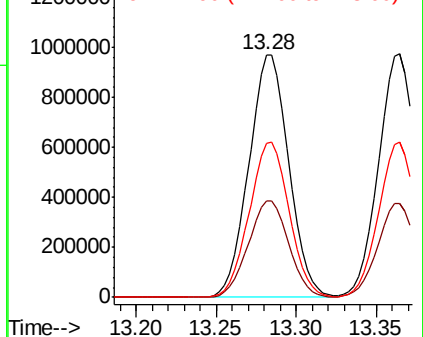
146 100

111 40.1 20.4 61.3

148 64.0 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: 99.894 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

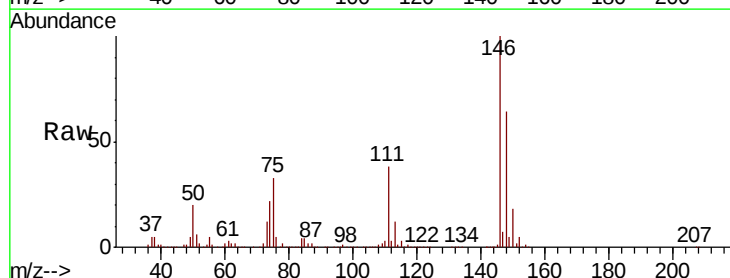
Tgt Ion:146 Resp: 1635453

Ion Ratio Lower Upper

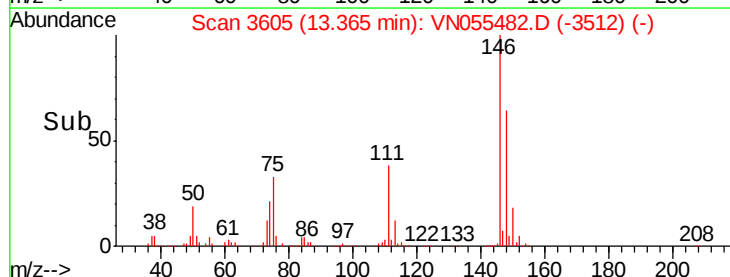
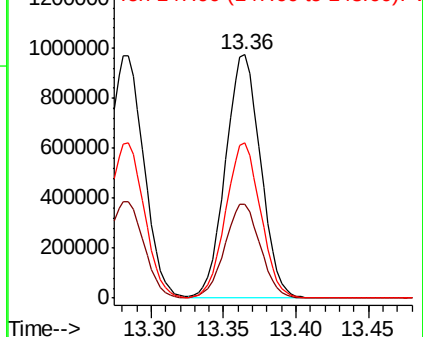
146 100

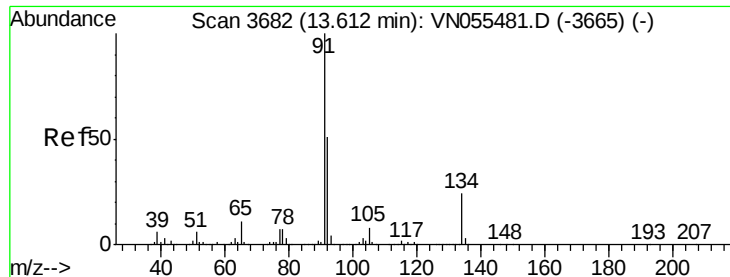
111 38.9 19.6 58.8

148 63.7 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

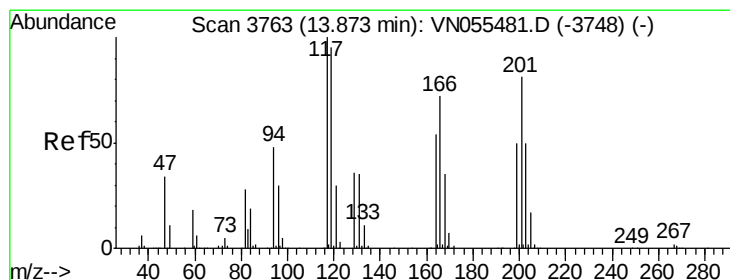
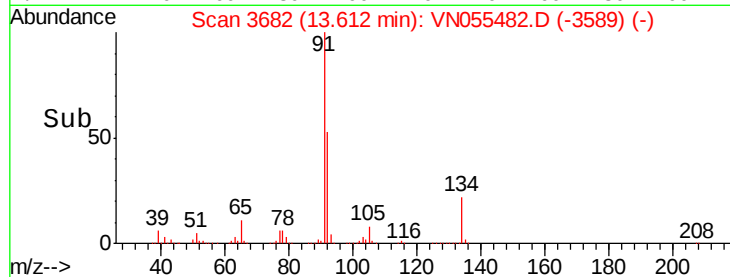
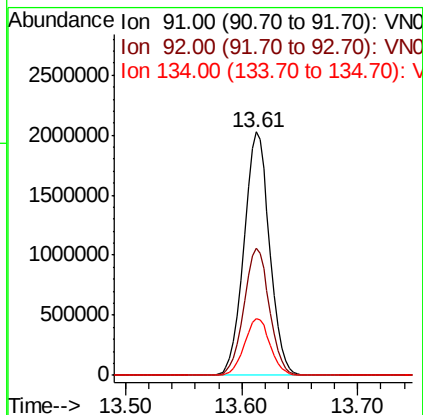
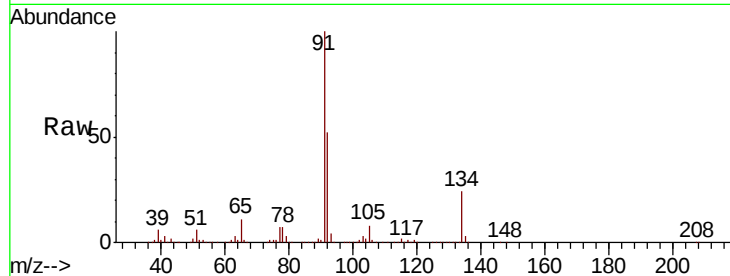




#89
n-Butylbenzene
Concen: 117.556 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

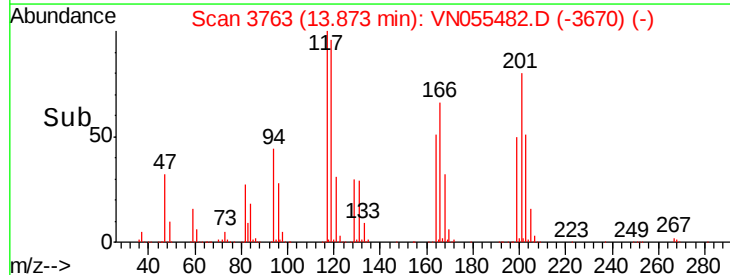
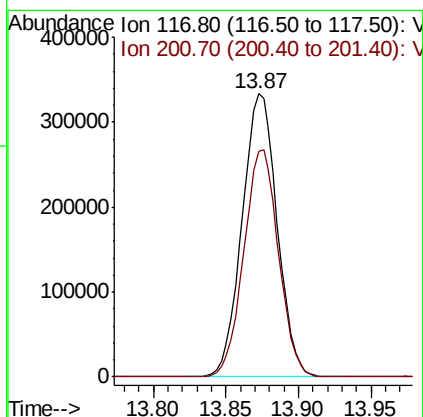
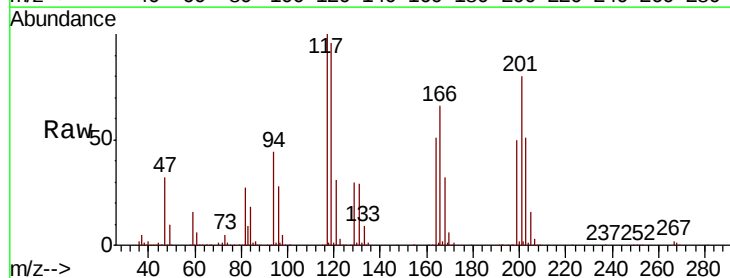
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

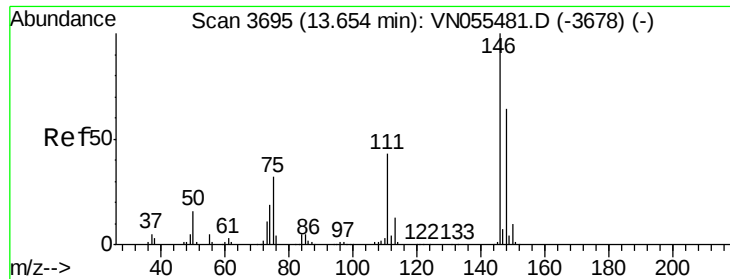
Tot Ion: 91 Resp: 3096213
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.7
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 82.513 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion: 117 Resp: 560424
Ion Ratio Lower Upper
117 100
201 79.6 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 93.574 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

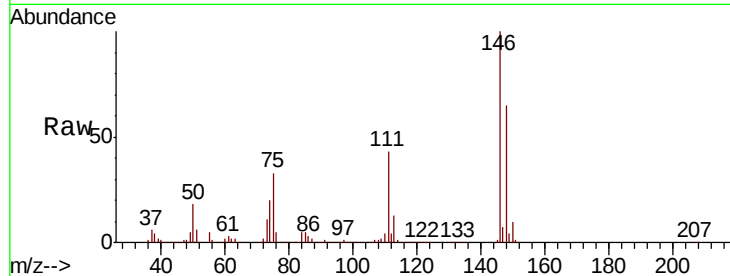
Tot Ion:146 Resp: 1612969

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

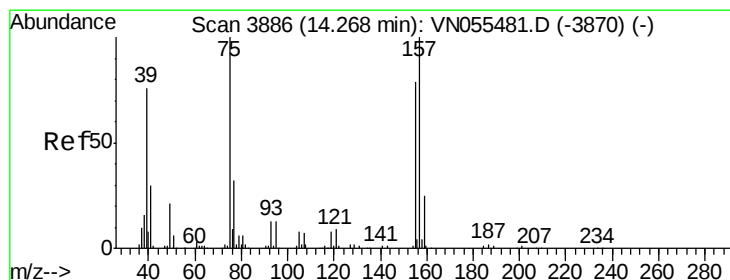
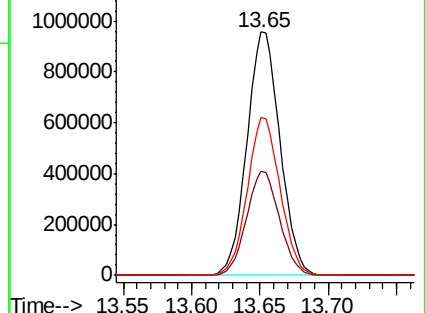
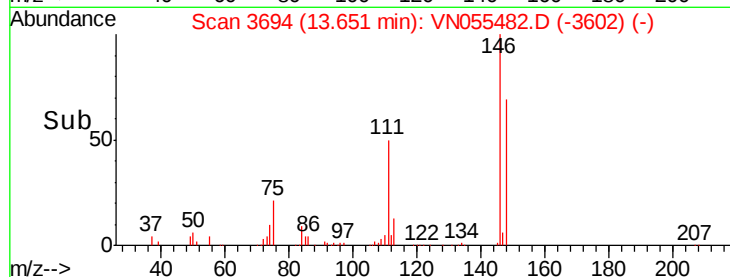
148 64.0 31.9 95.9



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: 155.863 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055482.D

Acq: 8 May 2019 18:14

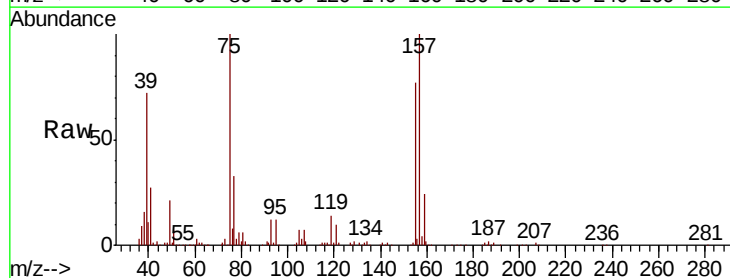
Tgt Ion: 75 Resp: 235036

Ion Ratio Lower Upper

75 100

155 77.1 39.3 117.8

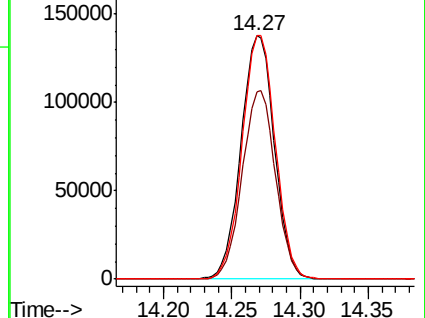
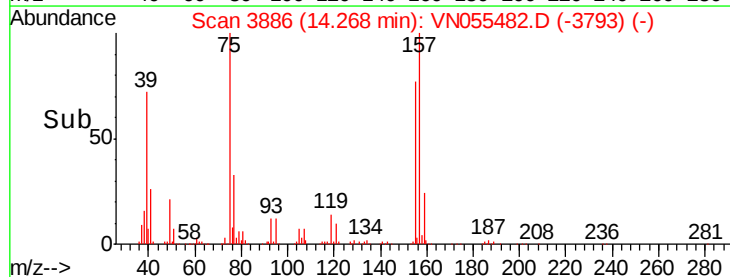
157 99.2 50.6 151.8

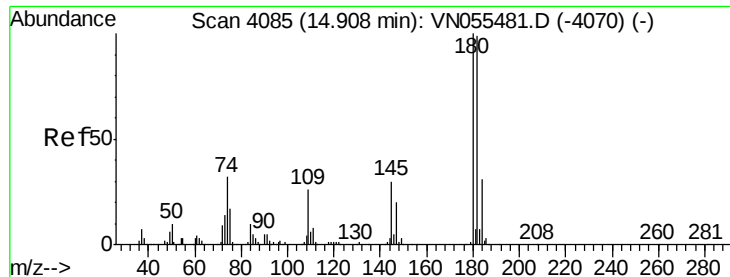


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

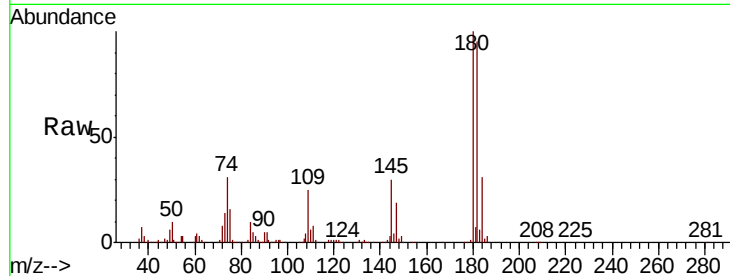




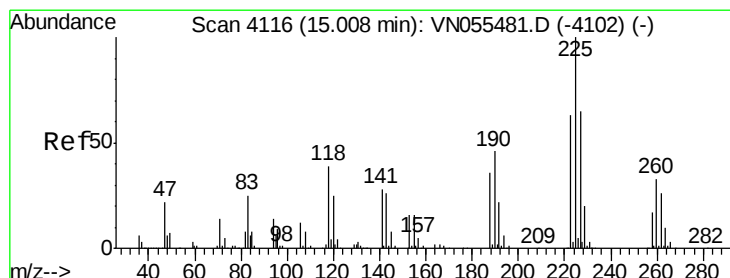
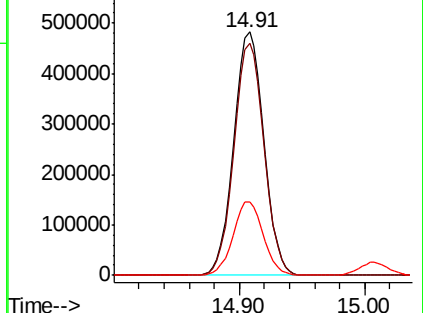
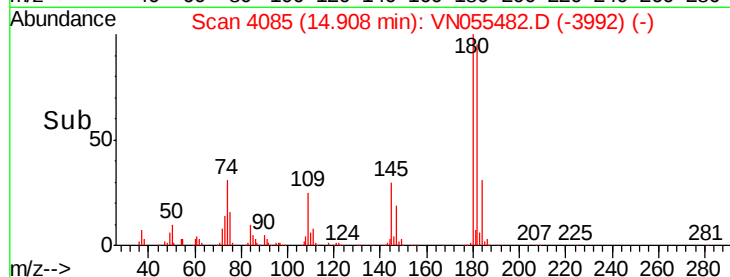
#93
 1,2,4-Trichlorobenzene
 Concen: 146.083 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.7	146.1
145	30.2	15.3	45.9

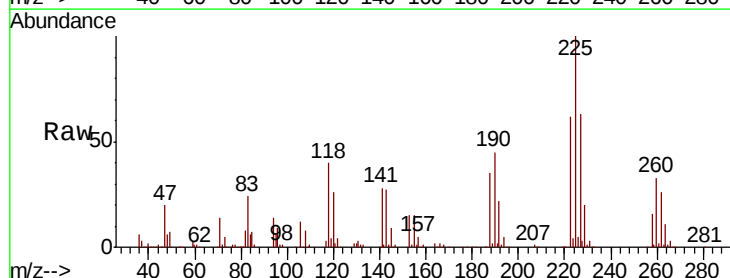


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

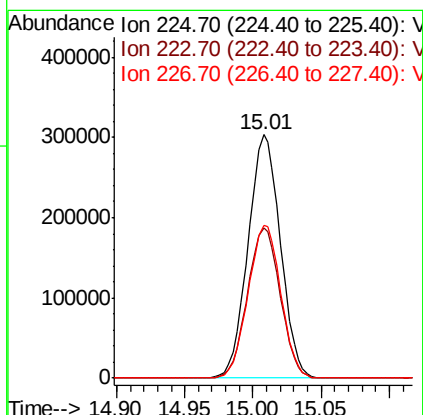
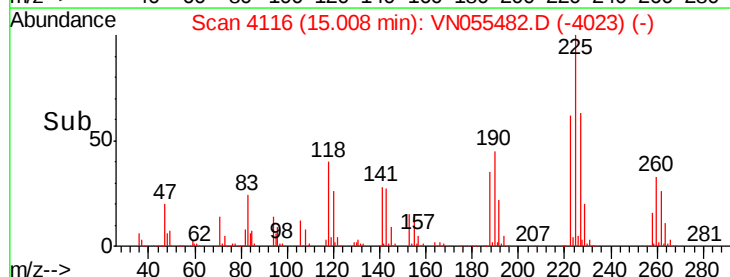


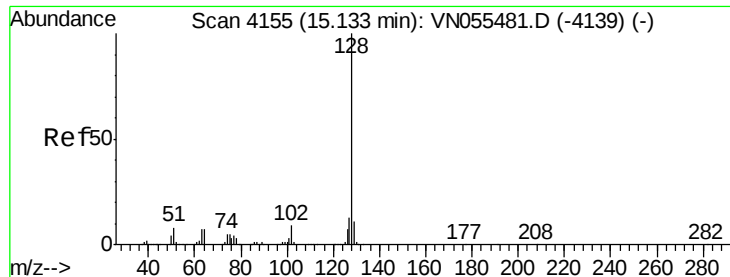
#94
 Hexachlorobutadiene
 Concen: 78.951 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055482.D
 Acq: 8 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.3
227	63.5	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

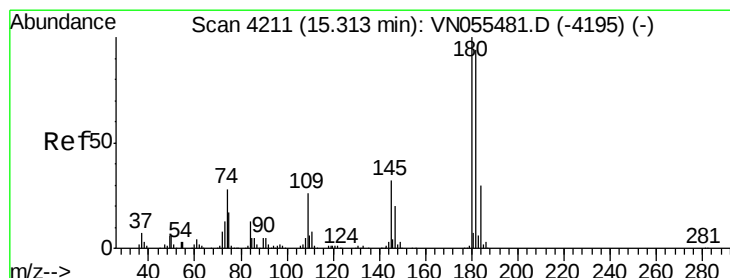
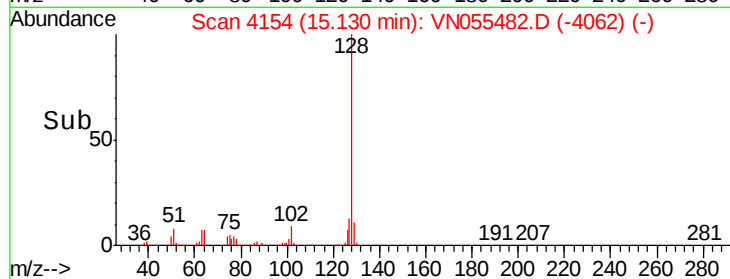
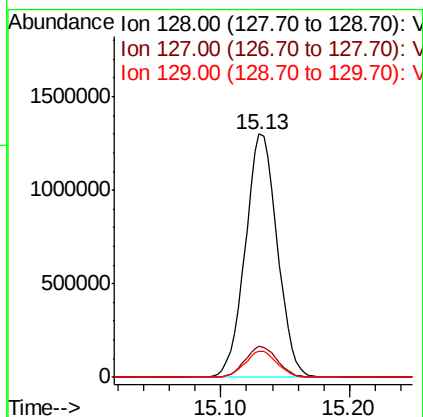
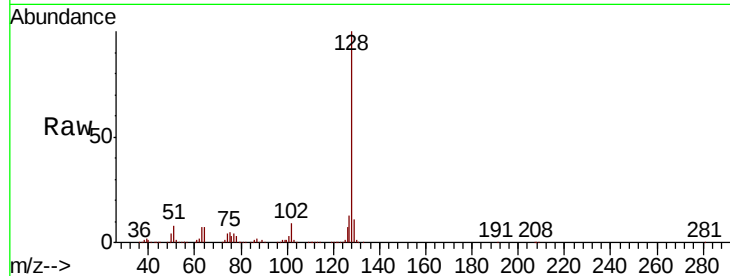




#95
Naphthalene
Concen: 175.953 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 2246642
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 148.384 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055482.D
Acq: 8 May 2019 18:14

Tgt Ion:180 Resp: 855505
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.3
145 31.6 15.8 47.4

