

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056376.D
 Acq On : 19 Jun 2019 10:26
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 20 04:13:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	551865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	503388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	388830	96.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.56%	
35) Dibromofluoromethane	7.59	113	344663	98.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.28%	
50) Toluene-d8	10.09	98	1334342	99.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.34%	
62) 4-Bromofluorobenzene	12.40	95	482659	108.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	311817	100.056	ug/l	99
3) Chloromethane	2.06	50	407739	97.308	ug/l	98
4) Vinyl Chloride	2.18	62	399472	97.144	ug/l	99
5) Bromomethane	2.52	94	205195	86.277	ug/l	100
6) Chloroethane	2.67	64	202581	86.123	ug/l	98
7) Trichlorofluoromethane	3.00	101	502336	95.239	ug/l	98
8) Diethyl Ether	3.41	74	212889	100.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	319338	93.484	ug/l	100
10) Methyl Iodide	3.94	142	473420	107.313	ug/l	99
11) Tert butyl alcohol	4.80	59	343324	538.287	ug/l	99
12) 1,1-Dichloroethene	3.72	96	315123	95.332	ug/l	99
13) Acrolein	3.60	56	284951	1154.918	ug/l	99
14) Allyl chloride	4.32	41	547380	98.948	ug/l	100
15) Acrylonitrile	4.99	53	946886	522.768	ug/l	100
16) Acetone	3.81	43	968275	444.006	ug/l	100
17) Carbon Disulfide	4.04	76	782960	90.780	ug/l	98
18) Methyl Acetate	4.32	43	383237	80.249	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1044381	102.889	ug/l	99
20) Methylene Chloride	4.55	84	374168	95.369	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	339635	96.711	ug/l	98
22) Diisopropyl ether	5.95	45	1095526	99.971	ug/l	95
23) Vinyl Acetate	5.89	43	4697483	527.942	ug/l	100
24) 1,1-Dichloroethane	5.85	63	626597	97.841	ug/l	99
25) 2-Butanone	6.83	43	1354194	505.232	ug/l	99
26) 2,2-Dichloropropane	6.82	77	451106	97.678	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	400955	98.247	ug/l	100
28) Bromochloromethane	7.19	49	307175	95.821	ug/l	99
29) Tetrahydrofuran	7.21	42	823414	513.932	ug/l	99
30) Chloroform	7.37	83	617451	96.948	ug/l	99
31) Cyclohexane	7.65	56	586217	94.966	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	510597	97.086	ug/l	99
36) 1,1-Dichloropropene	7.79	75	475541	96.633	ug/l	99
37) Ethyl Acetate	6.93	43	490229	104.617	ug/l	98
38) Carbon Tetrachloride	7.77	117	434238	93.106	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	597831	99.793	ug/l	100
40) Benzene	8.04	78	1452660	97.385	ug/l	99
41) Methacrylonitrile	7.21	41	711602	339.091	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	468790	95.933	ug/l	100
43) Isopropyl Acetate	8.17	43	782946	104.624	ug/l	99
44) Trichloroethene	8.83	130	394959	97.172	ug/l	99
45) 1,2-Dichloropropane	9.12	63	389175	98.538	ug/l	99
46) Dibromomethane	9.21	93	251342	96.215	ug/l	100
47) Bromodichloromethane	9.40	83	471307	95.245	ug/l	98
48) Methyl methacrylate	9.20	41	386865	103.200	ug/l	99
49) 1,4-Dioxane	9.20	88	157176	2084.113	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	2503200	525.734	ug/l	100
52) Toluene	10.16	92	910407	100.218	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	520869	105.445	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	592196	103.490	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	369380	98.519	ug/l	99
56) Ethyl methacrylate	10.43	69	592092	110.002	ug/l	99
57) 1,3-Dichloropropane	10.71	76	621114	98.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1092682	614.186	ug/l	100
59) 2-Hexanone	10.75	43	1840985	522.198	ug/l	99
60) Dibromochloromethane	10.90	129	384653	99.509	ug/l	99
61) 1,2-Dibromoethane	11.00	107	389972	101.367	ug/l	99
64) Tetrachloroethene	10.63	164	373533	91.466	ug/l	99
65) Chlorobenzene	11.43	112	997472	98.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	359063	95.204	ug/l	99
67) Ethyl Benzene	11.51	91	1753836	100.296	ug/l	99
68) m/p-Xylenes	11.62	106	1329344	204.627	ug/l	99
69) o-Xylene	11.95	106	650292	101.563	ug/l	99
70) Styrene	11.96	104	1113774	107.804	ug/l	99
71) Bromoform	12.13	173	283112	98.569	ug/l #	100
73) Isopropylbenzene	12.25	105	1711507	83.528	ug/l	100
74) N-amyl acetate	12.07	43	669660	88.890	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	539208	80.559	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	654629	128.706	ug/l #	100
77) Bromobenzene	12.53	156	462645	85.720	ug/l	99
78) n-propylbenzene	12.59	91	1938220	90.461	ug/l	100
79) 2-Chlorotoluene	12.67	91	1152708	84.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1449924	86.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	151104	94.643	ug/l	90
82) 4-Chlorotoluene	12.77	91	1159173	92.019	ug/l	99
83) tert-Butylbenzene	12.99	119	1257920	84.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1434476	92.317	ug/l	100
85) sec-Butylbenzene	13.17	105	1660043	88.188	ug/l	99
86) p-Isopropyltoluene	13.29	119	1508563	93.678	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	777679	95.576	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	751377	96.271	ug/l	100
89) n-Butylbenzene	13.61	91	1253781	103.983	ug/l	100
90) Hexachloroethane	13.87	117	241681	78.376	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	755698	94.640	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	93774	91.740	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:07:05 2019
Response via : Initial Calibration

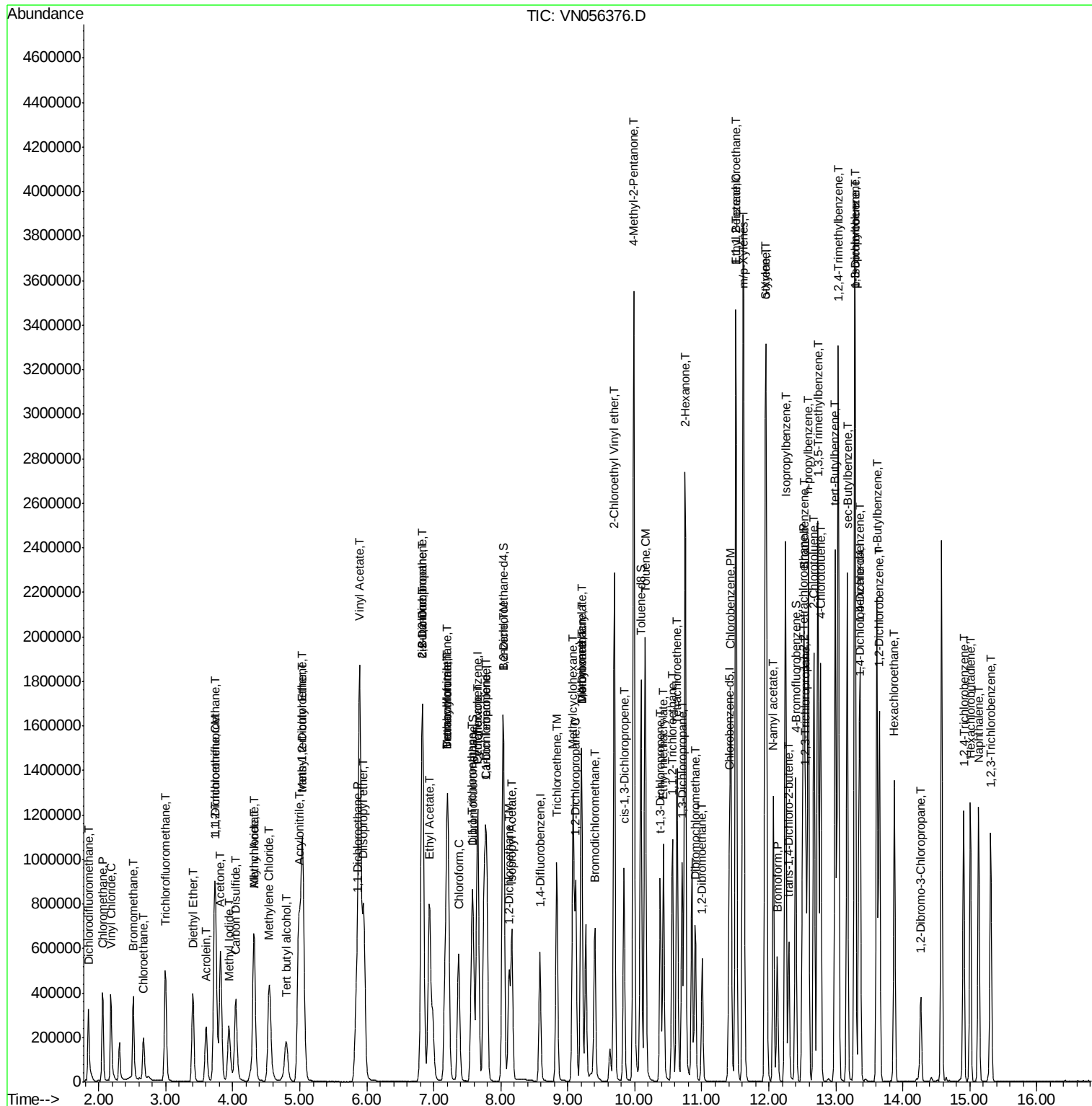
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	420207	124.989	ug/l	99
94) Hexachlorobutadiene	15.01	225	264957	83.038	ug/l	100
95) Naphthalene	15.13	128	1084492	119.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	431485	119.158	ug/l	99

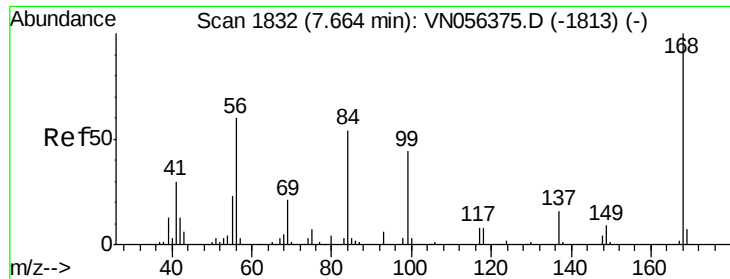
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Acq On : 19 Jun 2019 10:26
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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

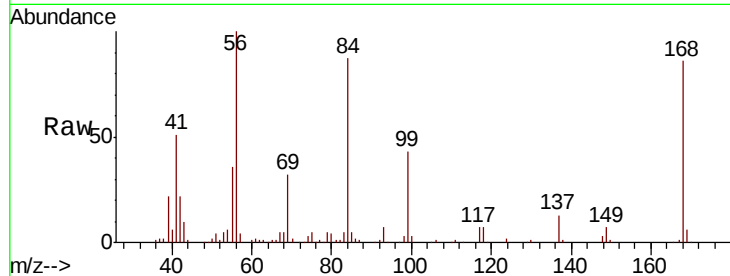
VSTDIC100

Tot Ion:168 Resp: 359404

Ion Ratio Lower Upper

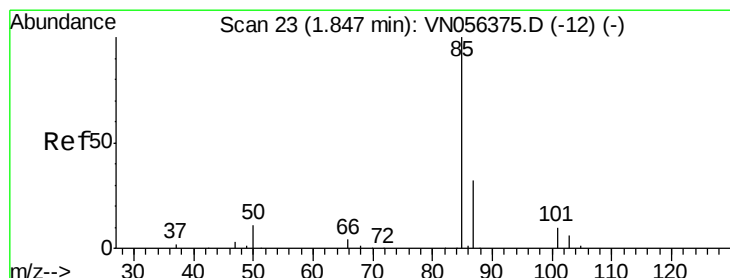
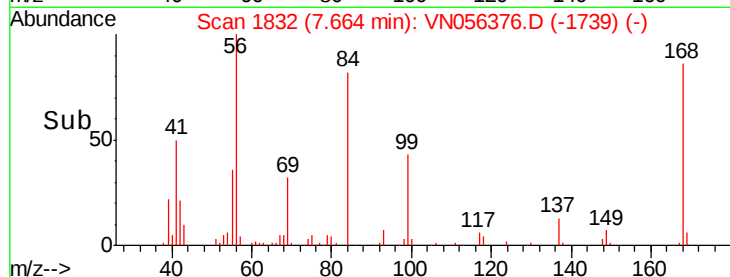
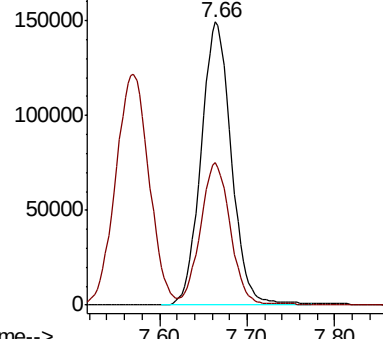
168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 100.056 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056376.D

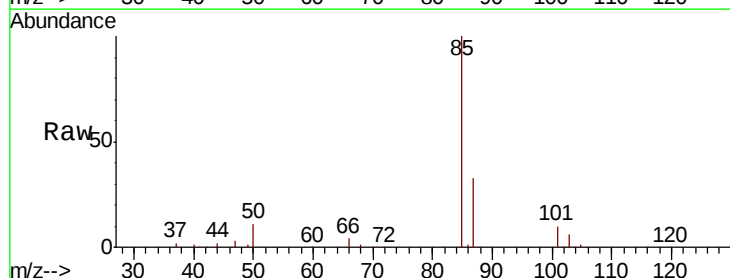
Acq: 19 Jun 2019 10:26

Tgt Ion: 85 Resp: 311817

Ion Ratio Lower Upper

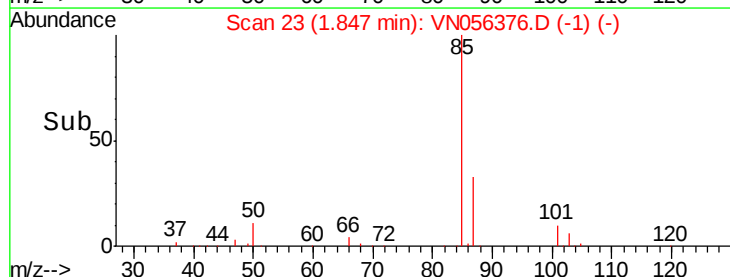
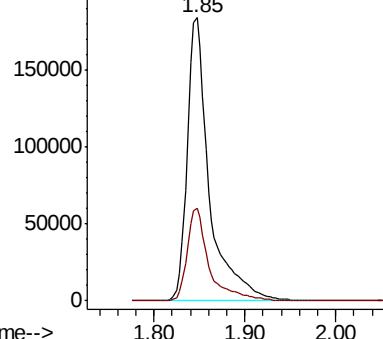
85 100

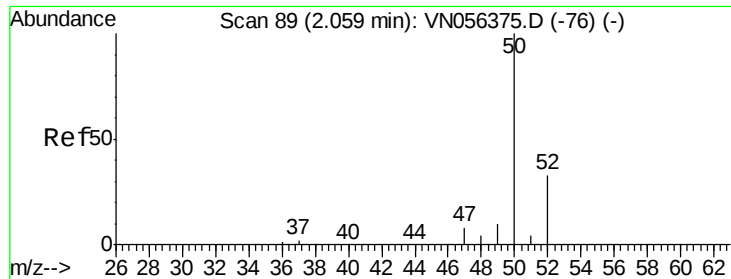
87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

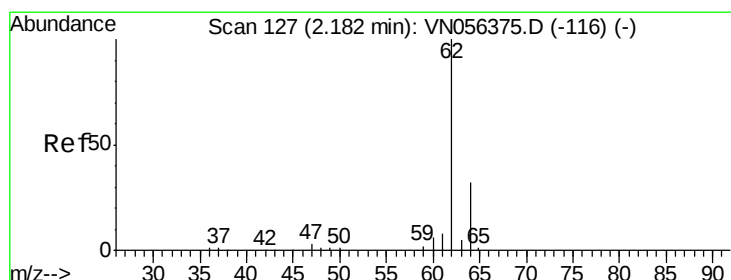
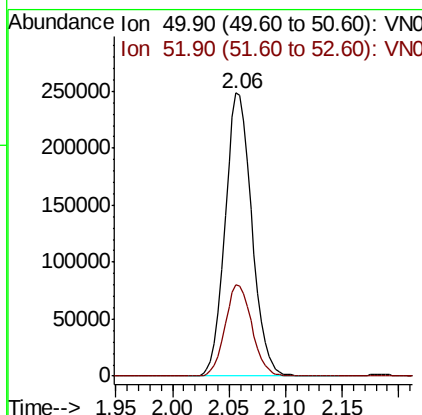
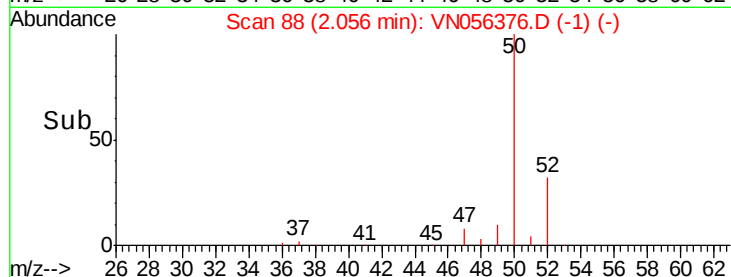
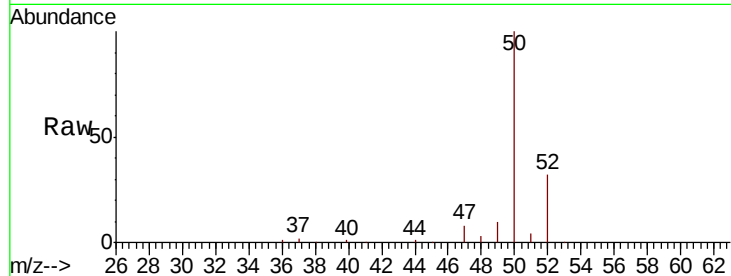




#3
 Chloromethane
 Concen: 97.308 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

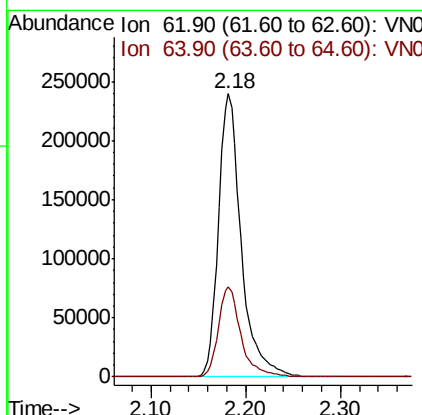
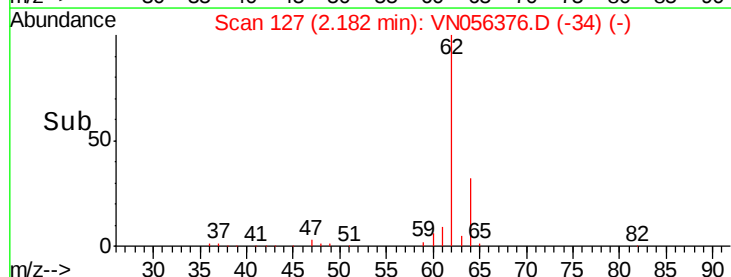
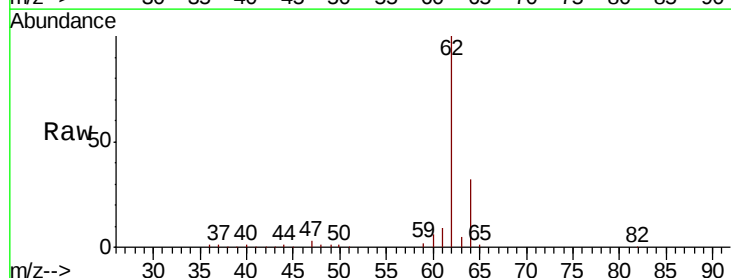
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

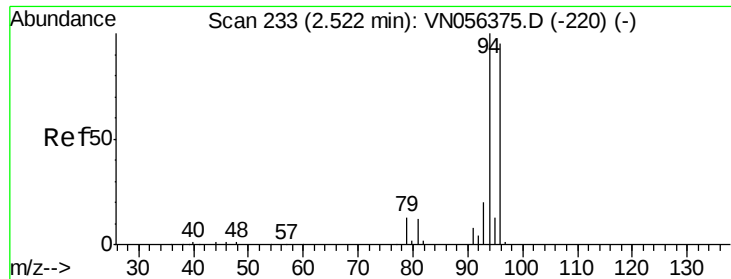
Tot Ion: 50 Resp: 407739
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 97.144 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 62 Resp: 399472
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.7 38.5





#5

Bromomethane

Concen: 86.277 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

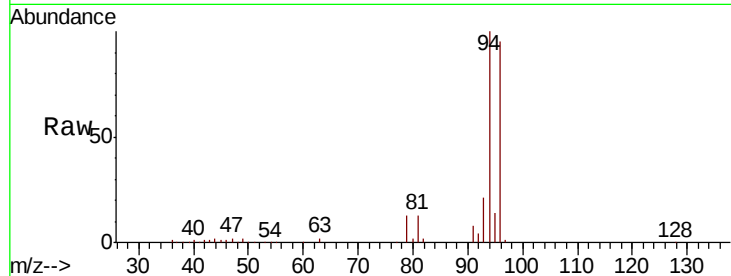
VSTDIC100

Tot Ion: 94 Resp: 205195

Ion Ratio Lower Upper

94 100

96 94.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

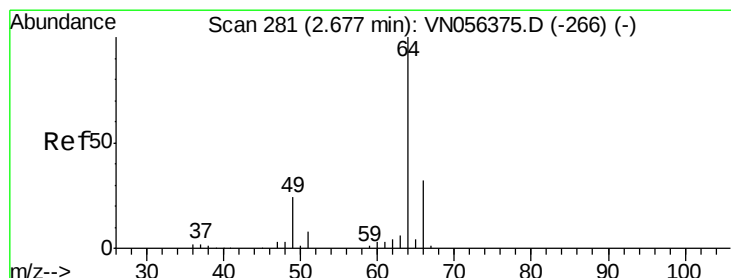
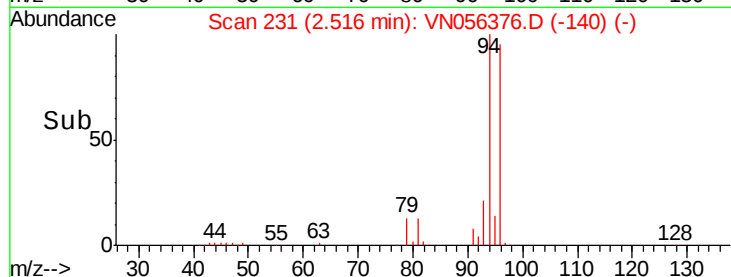
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 86.123 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN056376.D

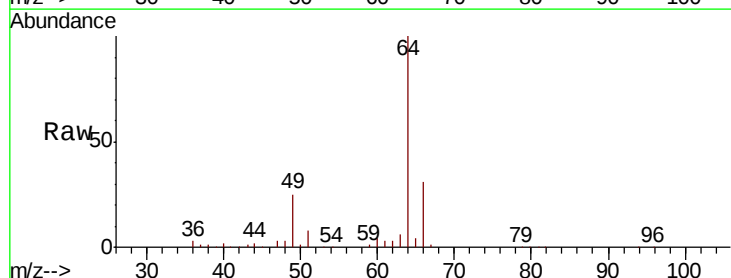
Acq: 19 Jun 2019 10:26

Tgt Ion: 64 Resp: 202581

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

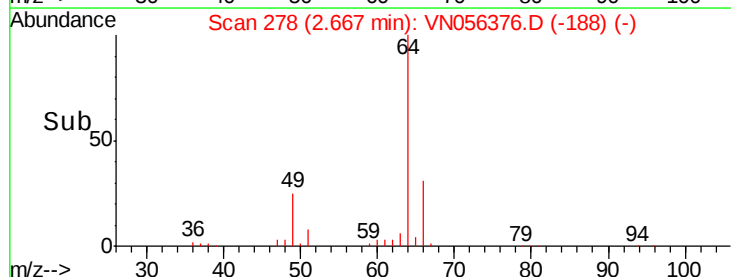
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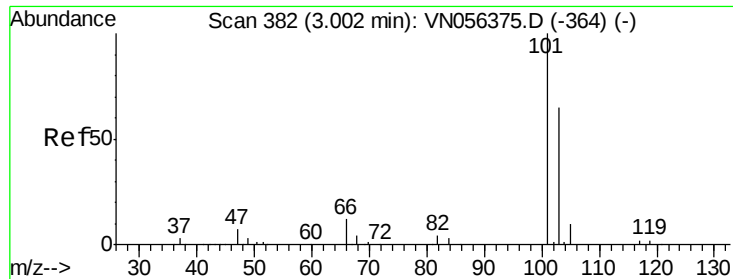
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20000

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Time-->



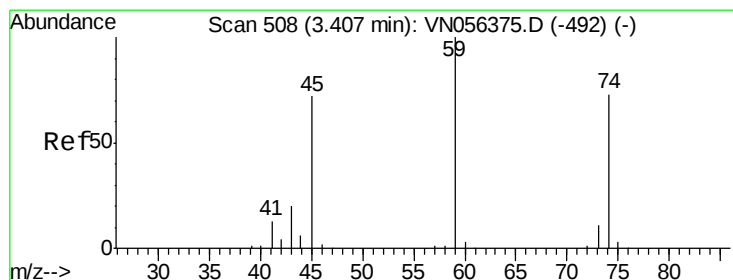
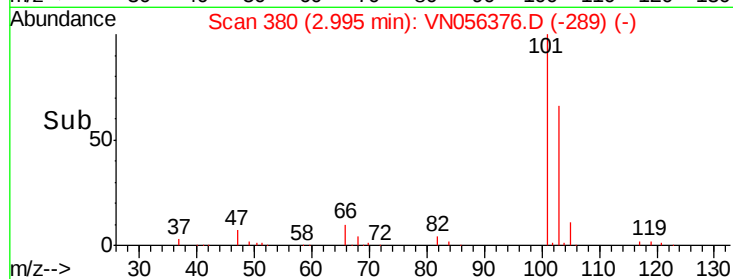
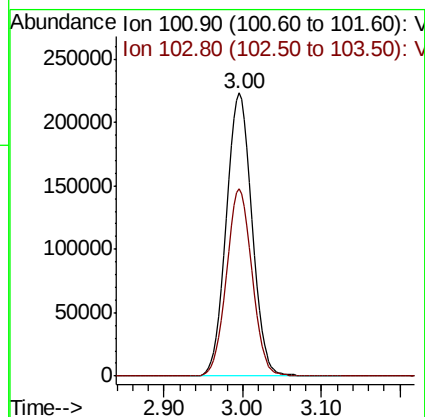
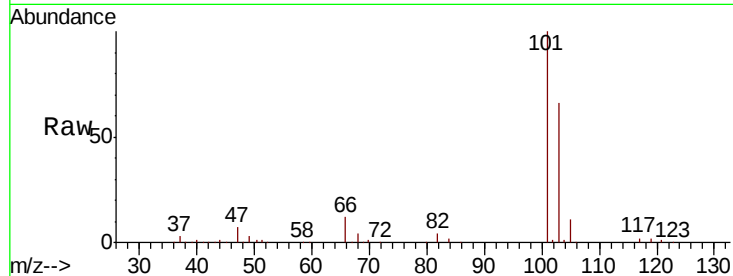


#7

Trichlorofluoromethane
Concen: 95.239 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.01 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

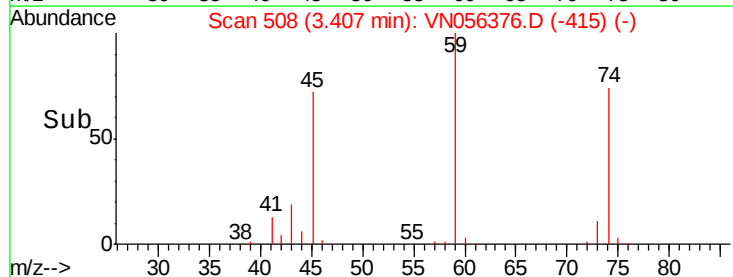
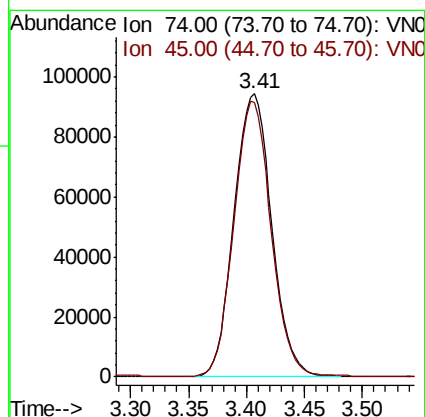
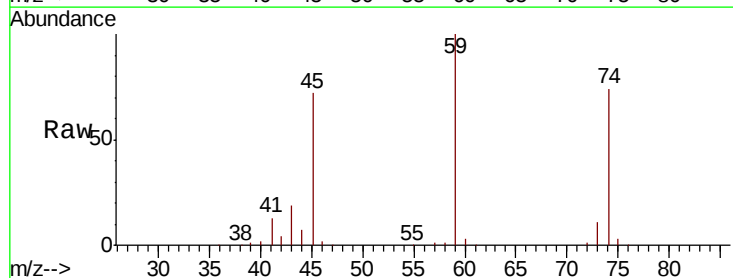
Tot Ion:101 Resp: 502336
Ion Ratio Lower Upper
101 100
103 66.2 51.7 77.5

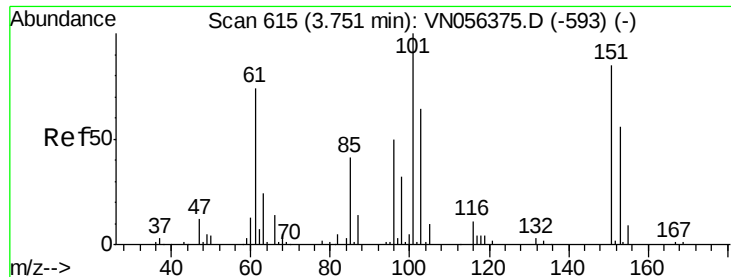


#8

Diethyl Ether
Concen: 100.763 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 74 Resp: 212889
Ion Ratio Lower Upper
74 100
45 95.5 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.484 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

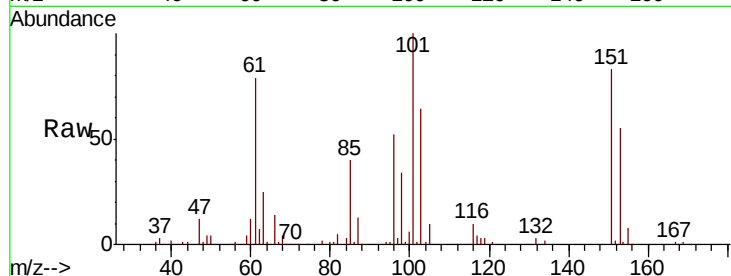
Tot Ion:101 Resp: 319338

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

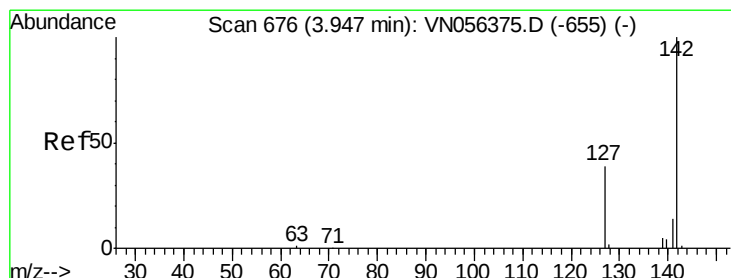
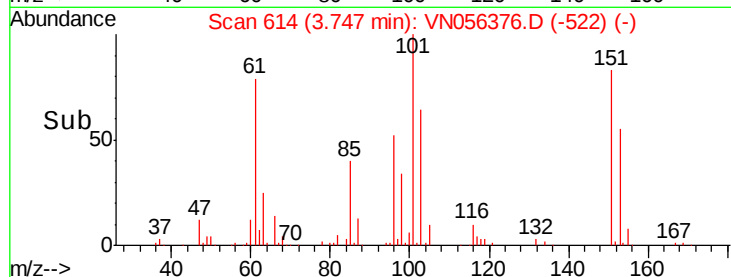
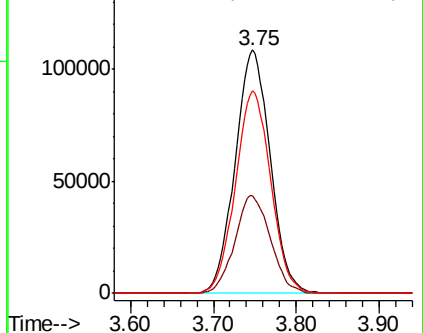
151 83.6 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 107.313 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

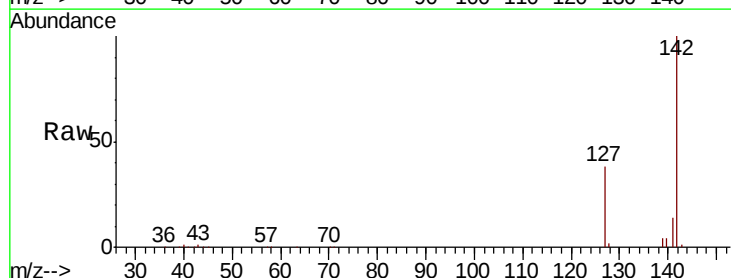
Tgt Ion:142 Resp: 473420

Ion Ratio Lower Upper

142 100

127 37.9 30.6 46.0

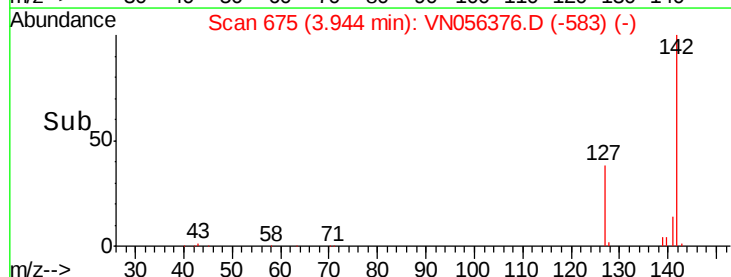
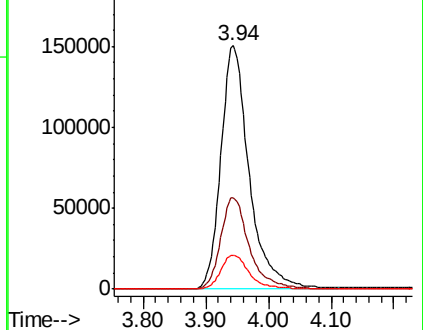
141 14.1 11.4 17.2

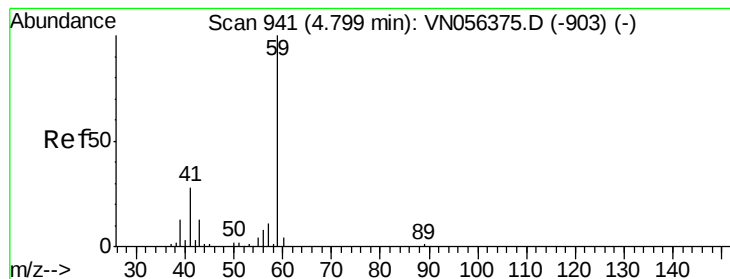


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



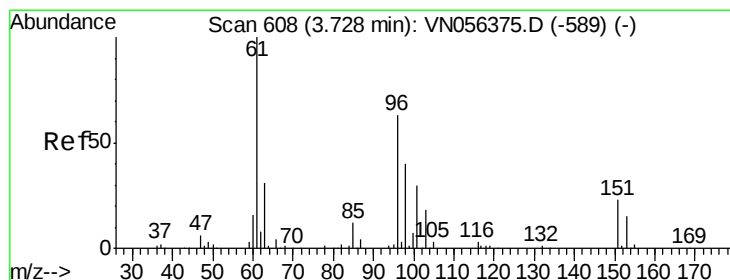
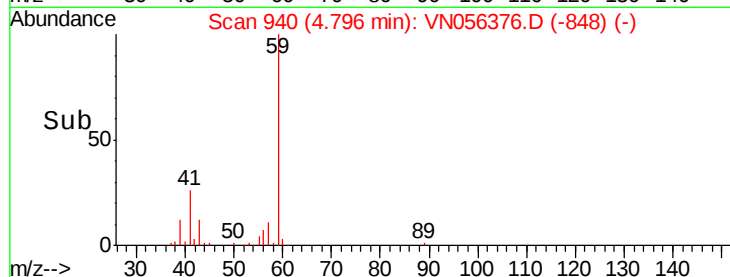
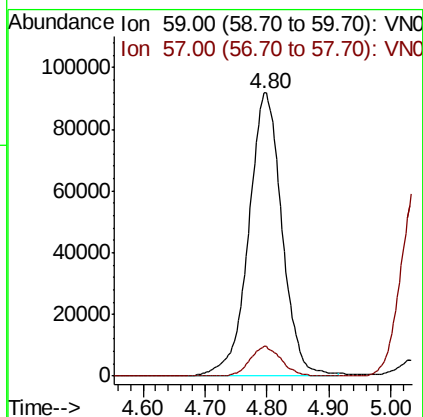
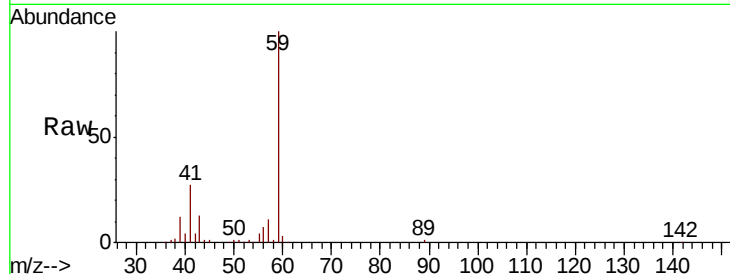


#11

Tert butyl alcohol
 Concen: 538.287 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

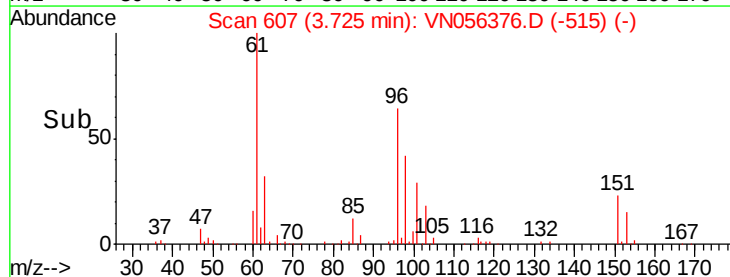
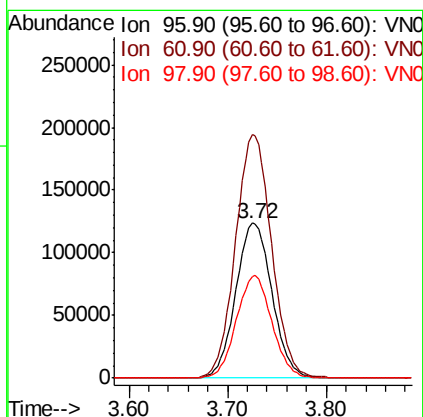
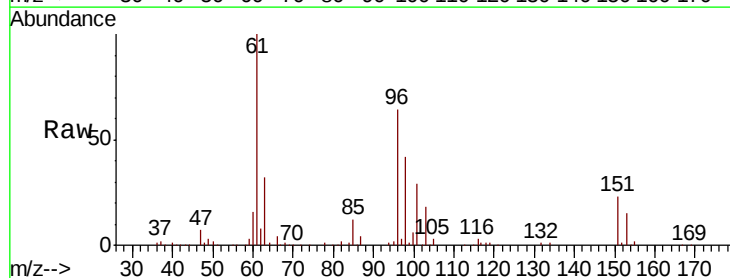
Tot Ion: 59 Resp: 343324
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

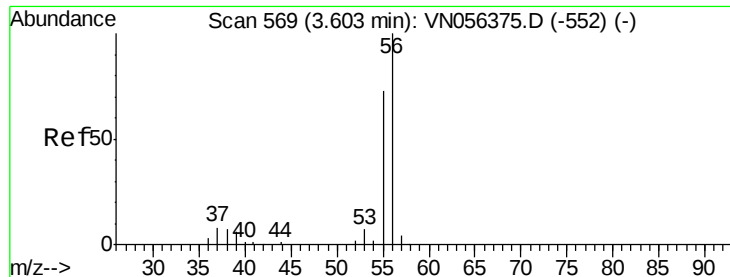


#12

1,1-Dichloroethene
 Concen: 95.332 ug/l
 RT: 3.72 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 96 Resp: 315123
 Ion Ratio Lower Upper
 96 100
 61 157.1 126.6 190.0
 98 65.8 51.1 76.7





#13

Acrolein

Concen: 1154.918 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

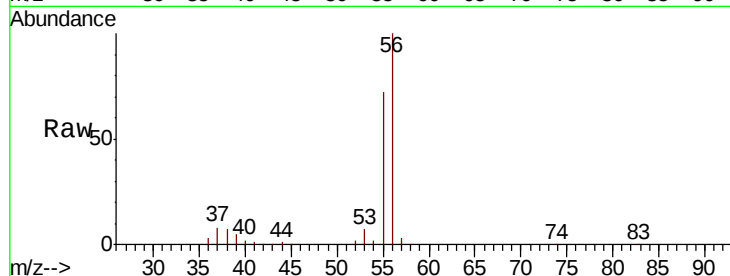
VSTDIC100

Tot Ion: 56 Resp: 284951

Ion Ratio Lower Upper

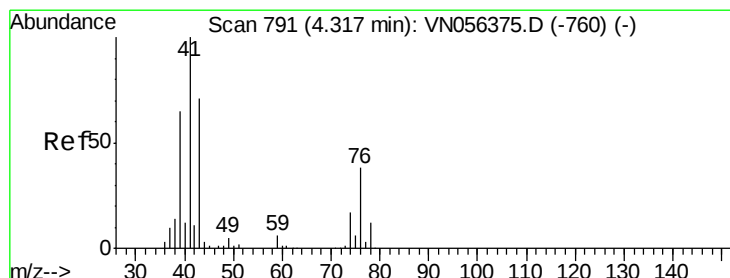
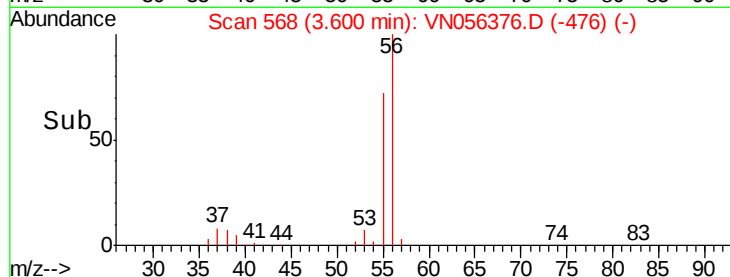
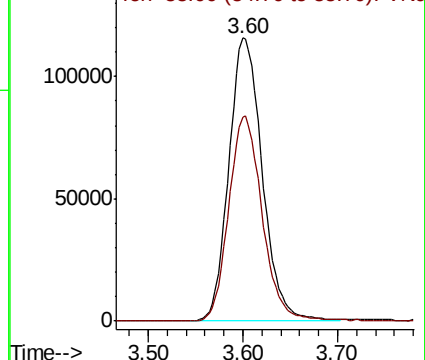
56 100

55 72.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 98.948 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

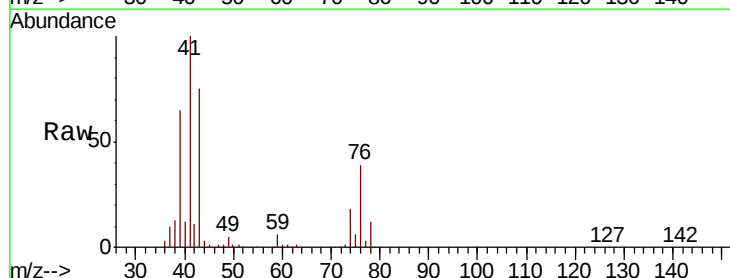
Tgt Ion: 41 Resp: 547380

Ion Ratio Lower Upper

41 100

39 60.8 48.6 73.0

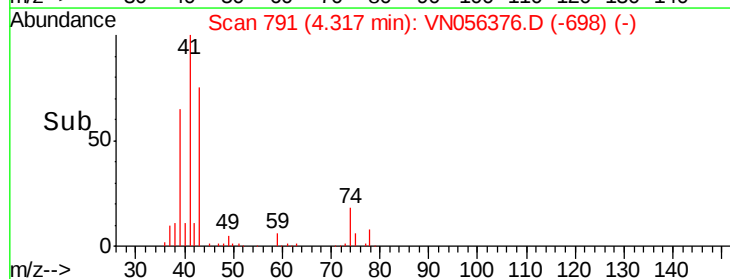
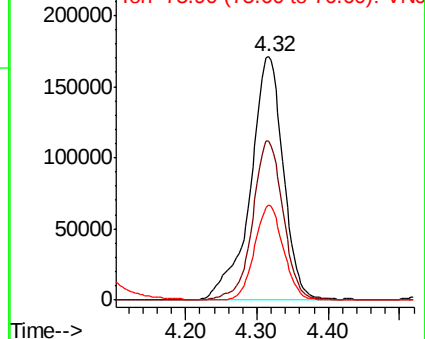
76 33.8 26.6 40.0

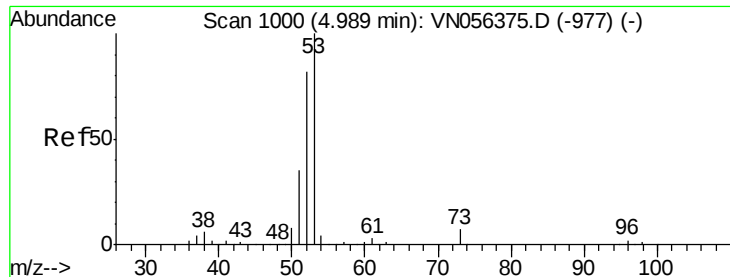


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



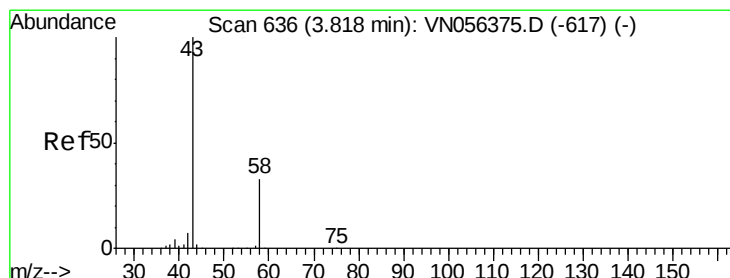
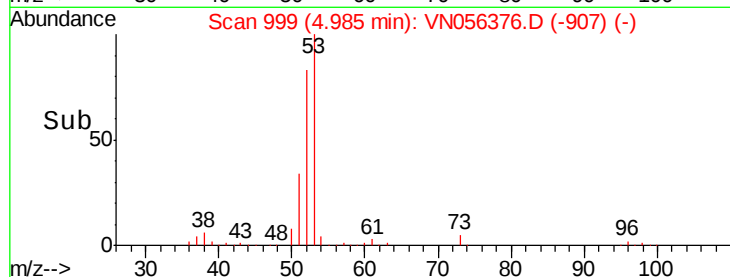
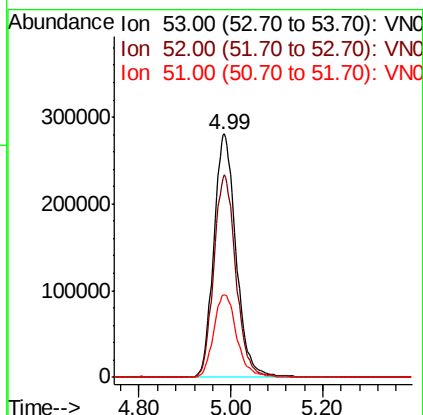
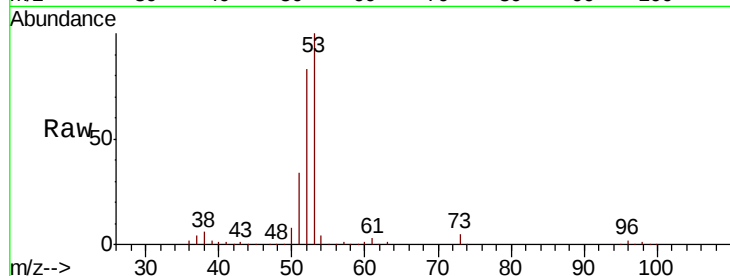


#15
 Acrylonitrile
 Concen: 522.768 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 53 Resp: 946886

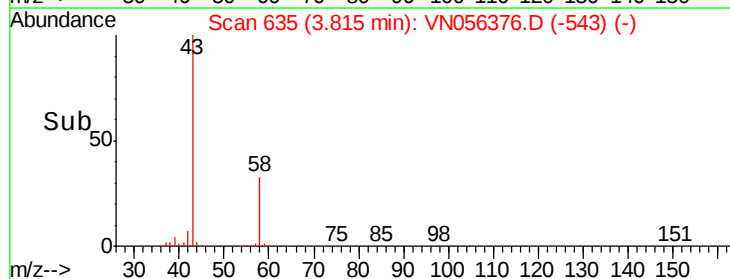
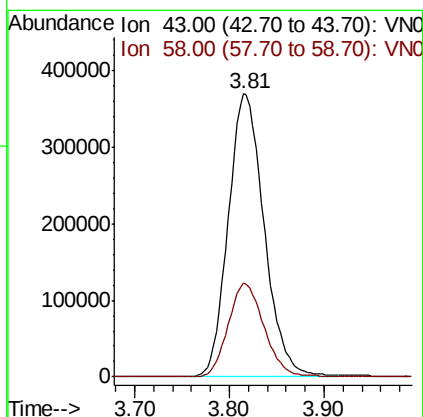
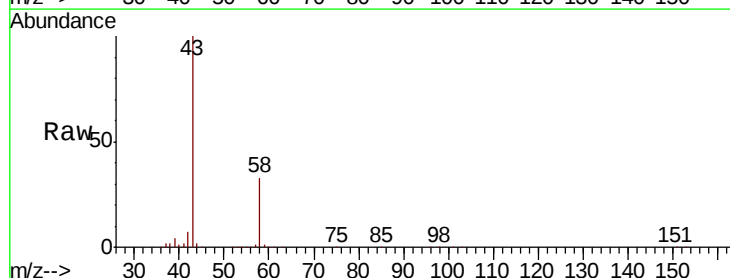
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.9	98.9
51	35.2	28.3	42.5

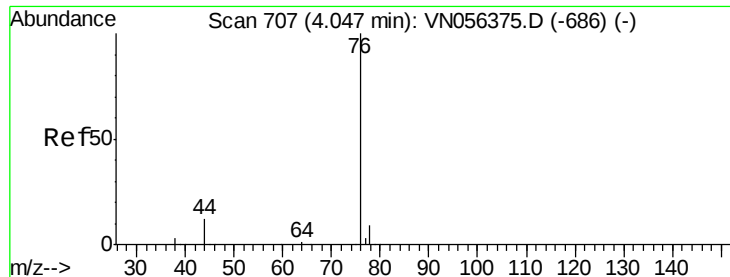


#16
 Acetone
 Concen: 444.006 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 43 Resp: 968275

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6

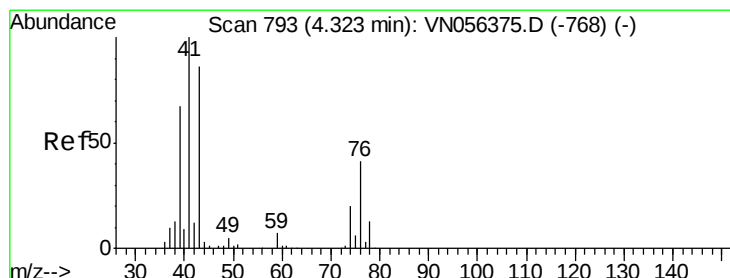
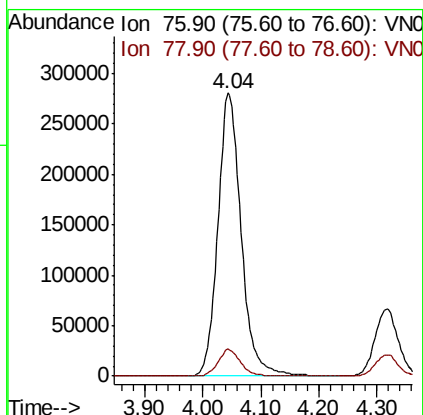
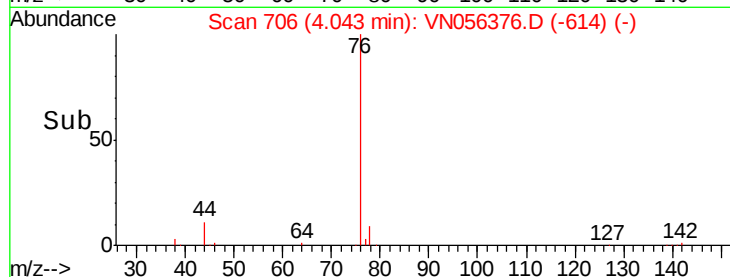
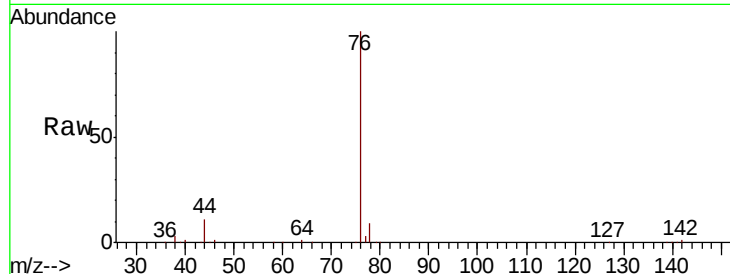




#17
Carbon Disulfide
Concen: 90.780 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

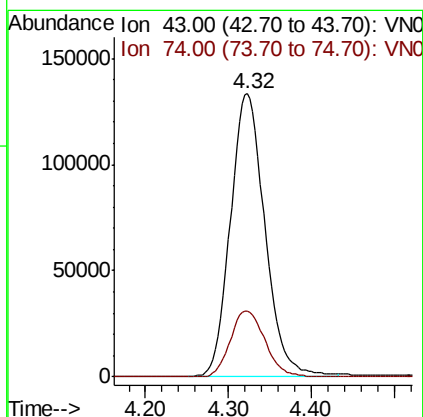
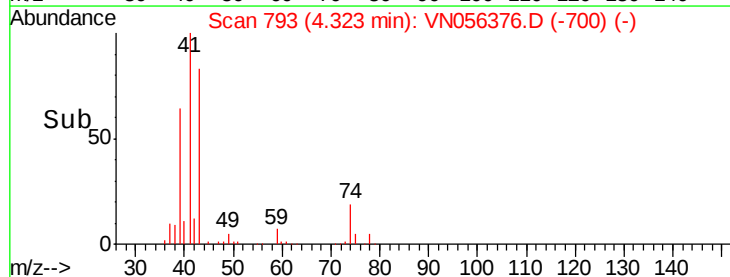
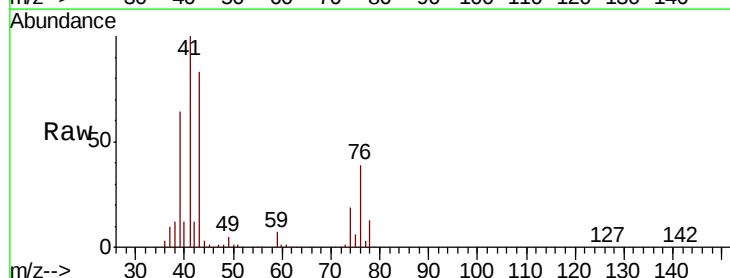
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

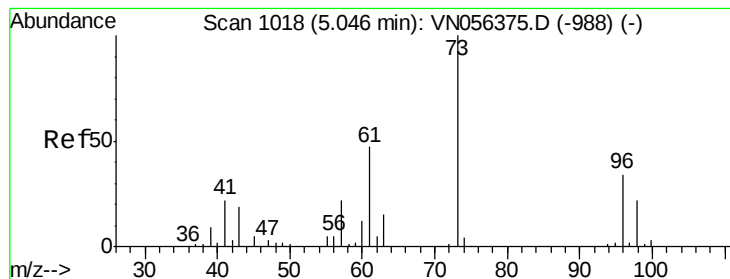
Tot Ion: 76 Resp: 782960
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 80.249 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 43 Resp: 383237
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



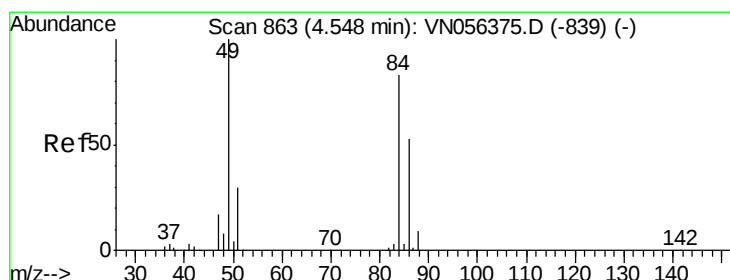
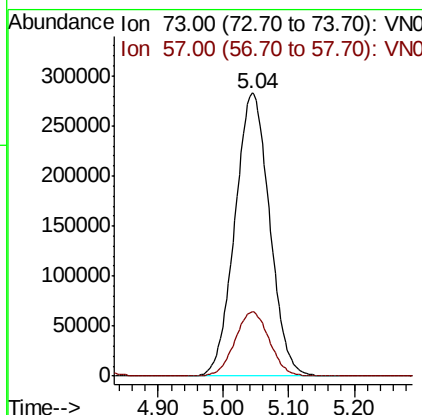
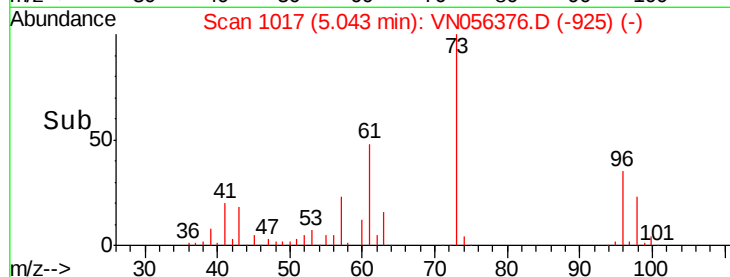
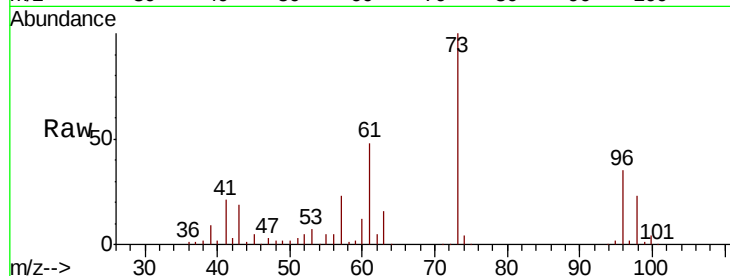


#19

Methyl tert-butyl Ether
 Concen: 102.889 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

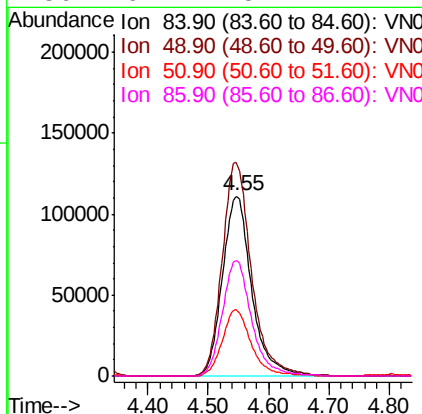
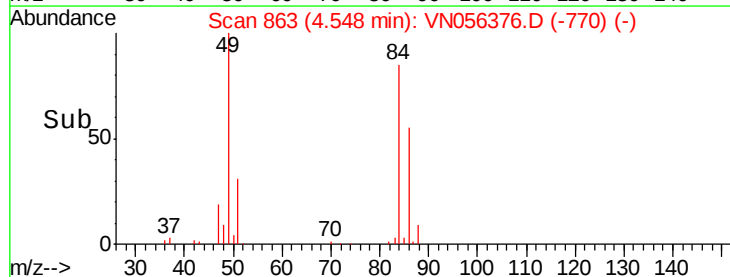
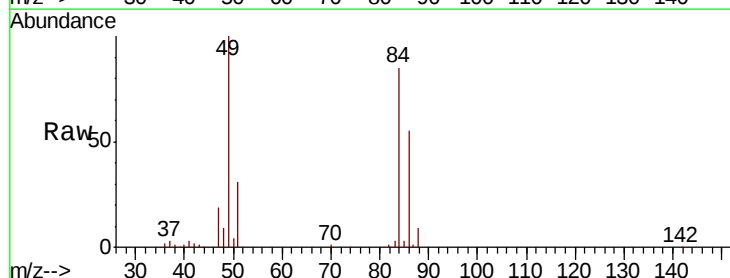
Tot Ion: 73 Resp: 1044381
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.9 26.9

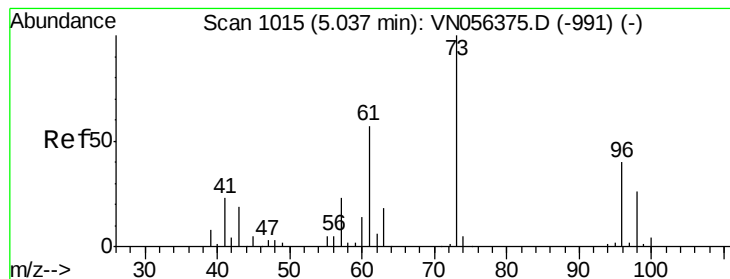


#20

Methylene Chloride
 Concen: 95.369 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 84 Resp: 374168
 Ion Ratio Lower Upper
 84 100
 49 117.4 96.4 144.6
 51 36.1 28.6 43.0
 86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 96.711 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

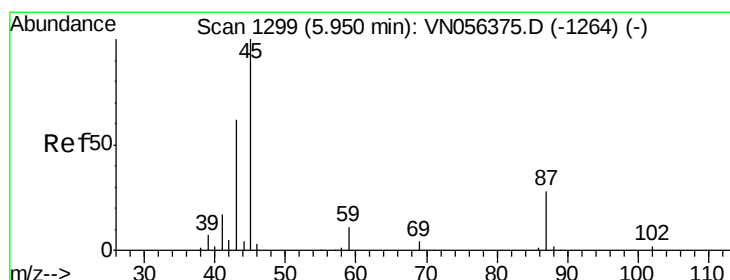
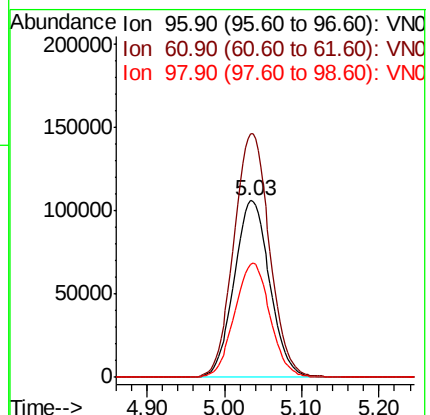
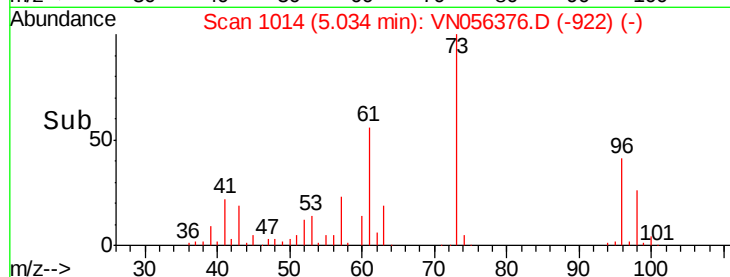
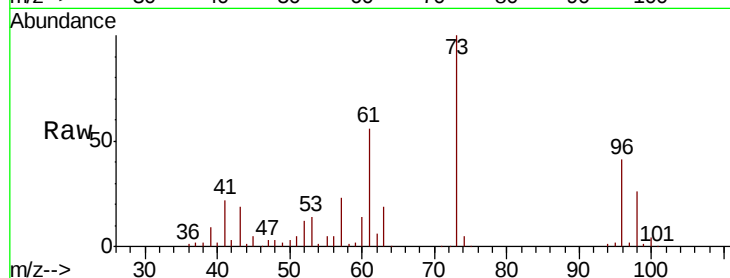
Tot Ion: 96 Resp: 339635

Ion Ratio Lower Upper

96 100

61 137.6 113.0 169.6

98 64.1 52.2 78.2



#22

Diisopropyl ether

Concen: 99.971 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Tgt Ion: 45 Resp: 1095526

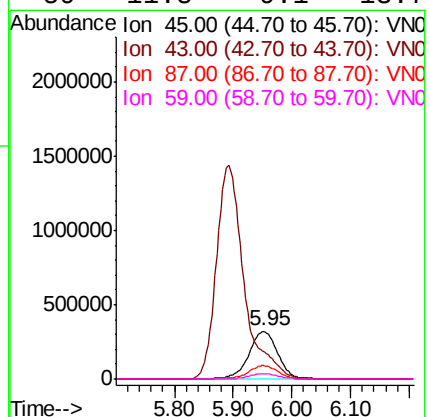
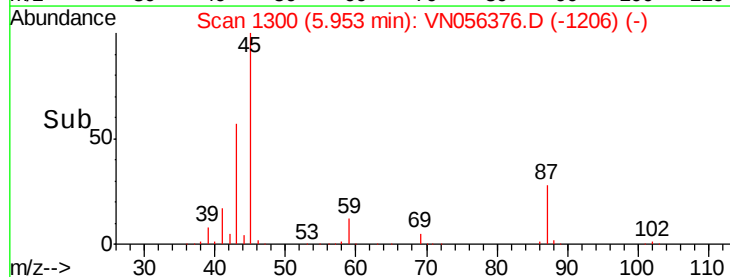
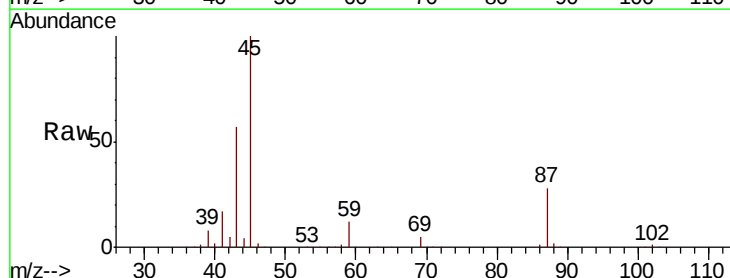
Ion Ratio Lower Upper

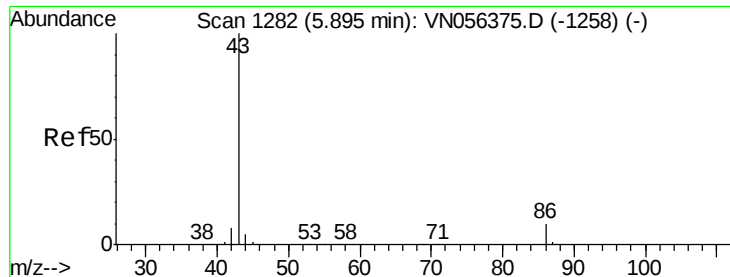
45 100

43 56.6 50.4 75.6

87 28.1 23.0 34.4

59 11.8 9.1 13.7

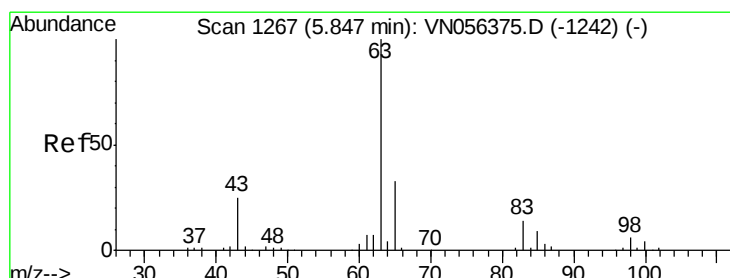
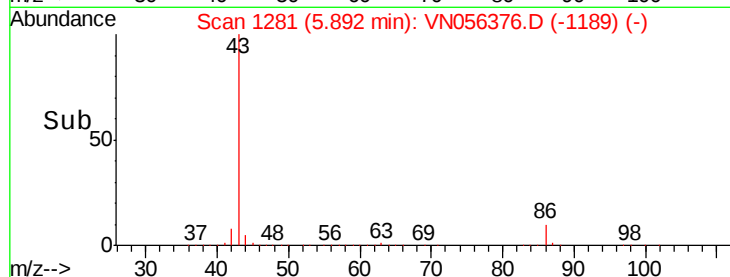
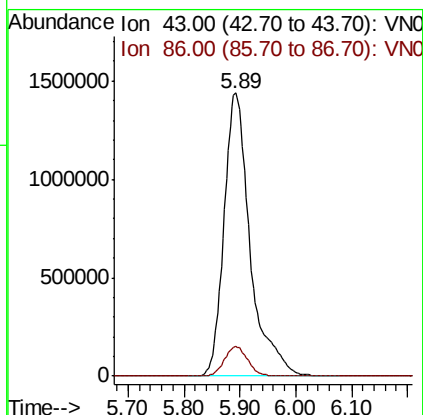
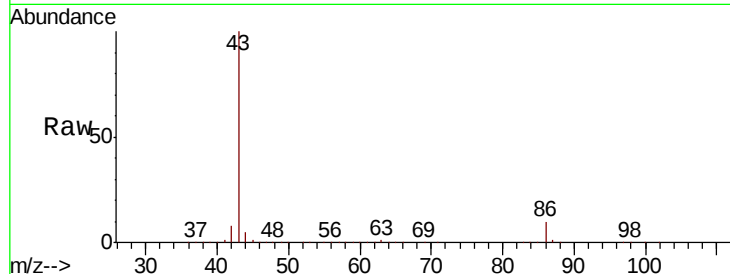




#23
 Vinyl Acetate
 Concen: 527.942 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

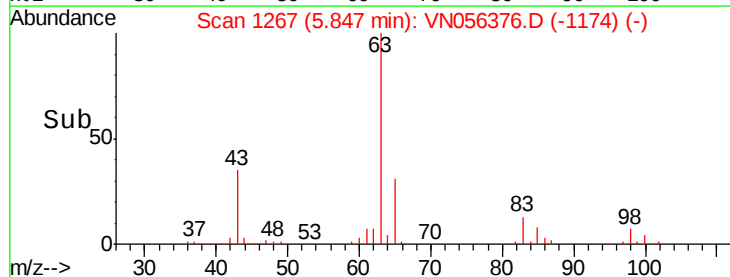
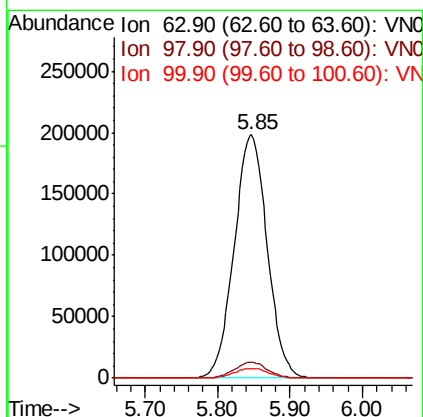
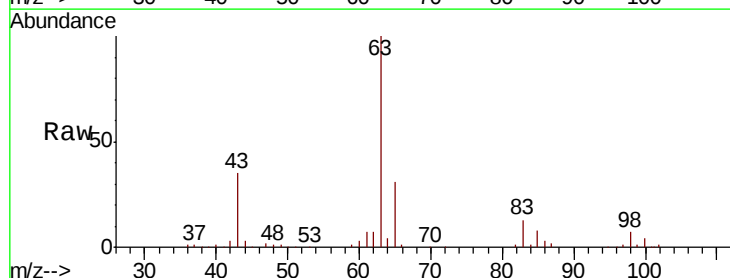
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

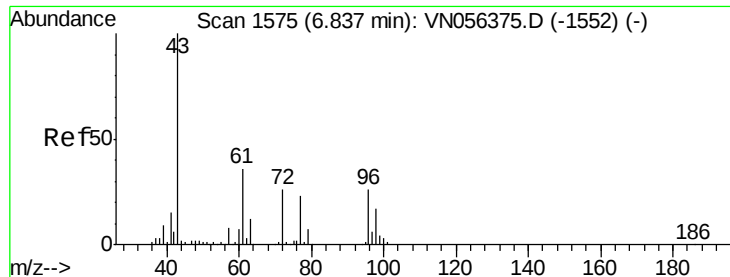
Tot Ion: 43 Resp: 4697483
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 97.841 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 63 Resp: 626597
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.0 2.1 6.5

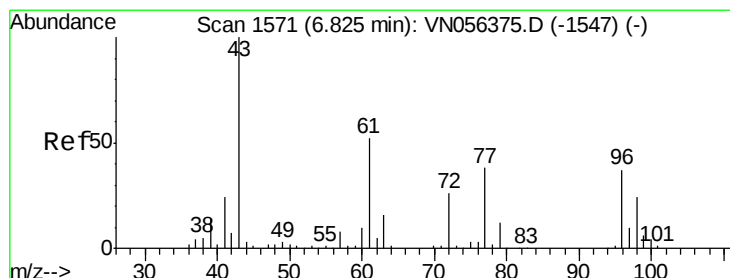
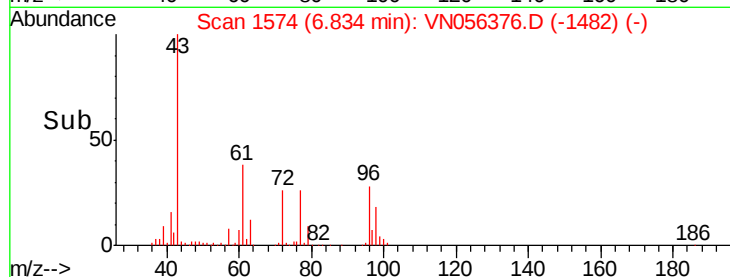
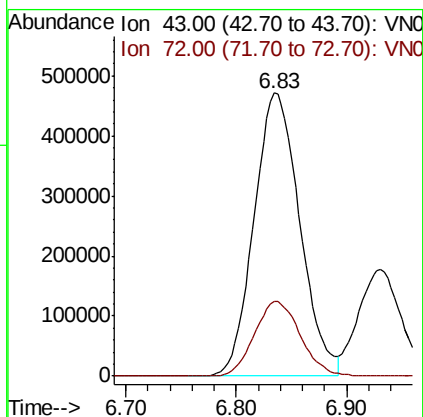
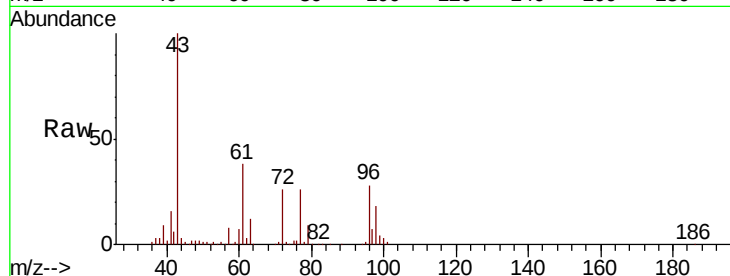




#25
2-Butanone
Concen: 505.232 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

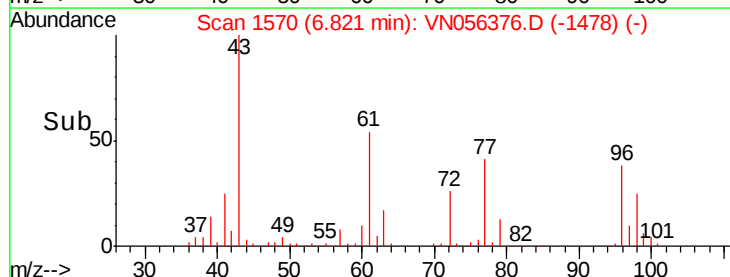
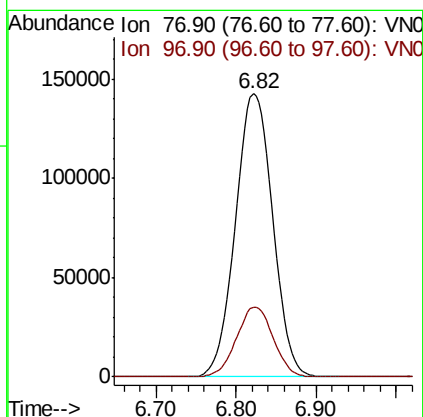
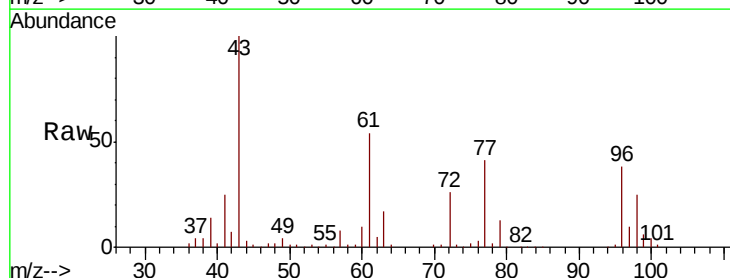
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

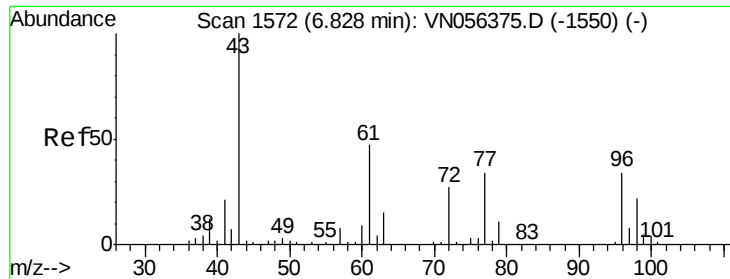
Tot Ion: 43 Resp: 1354194
Ion Ratio Lower Upper
43 100
72 26.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 97.678 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 77 Resp: 451106
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 98.247 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

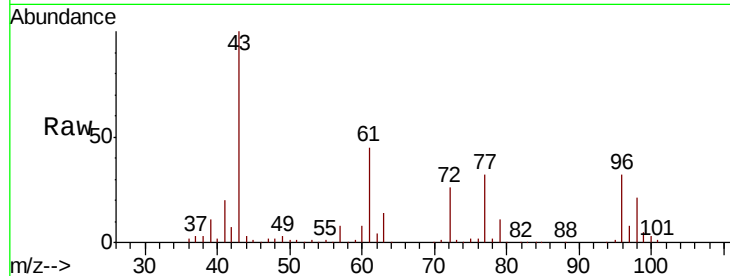
Tot Ion: 96 Resp: 400955

Ion Ratio Lower Upper

96 100

61 139.7 0.0 279.8

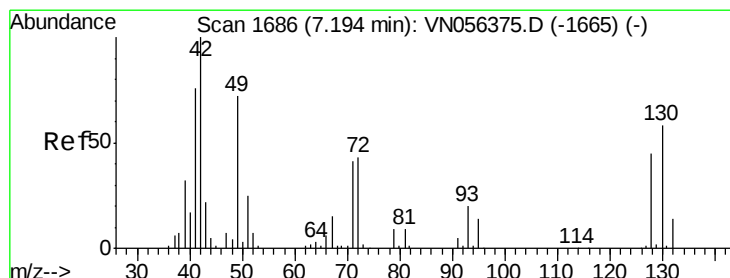
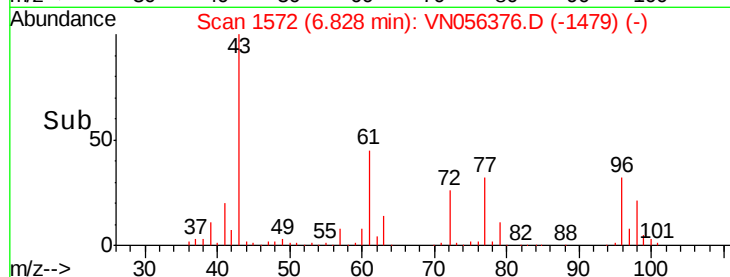
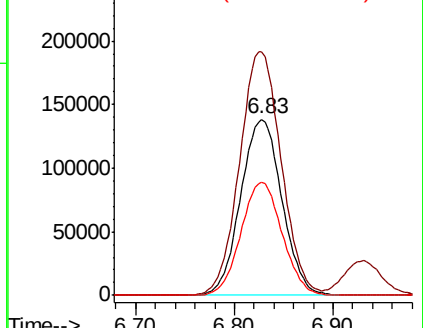
98 64.2 0.0 130.0



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: 95.821 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

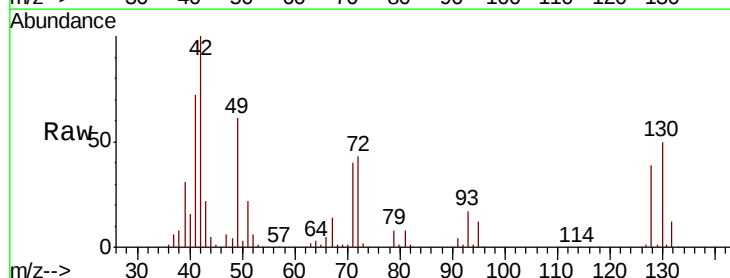
Tgt Ion: 49 Resp: 307175

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

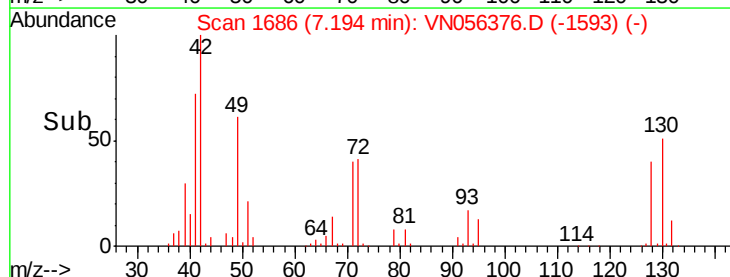
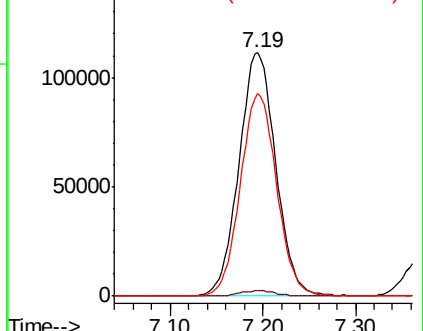
130 82.3 64.9 97.3

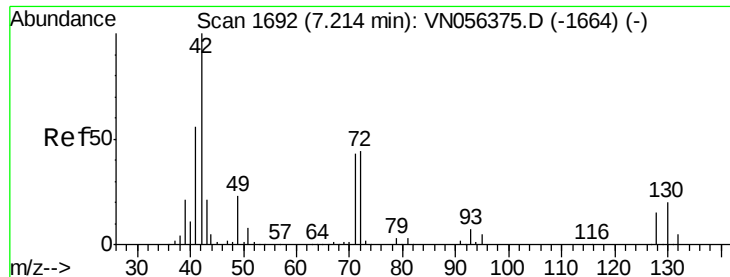


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

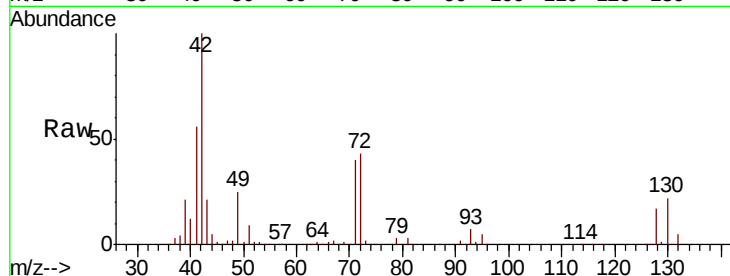




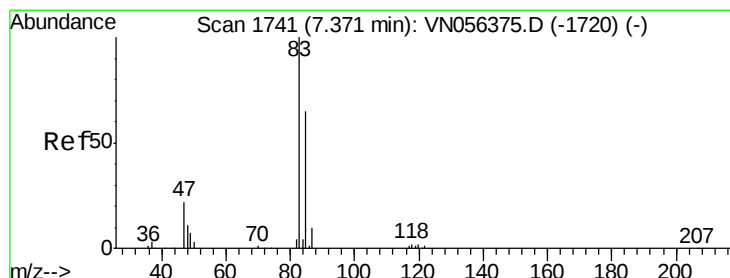
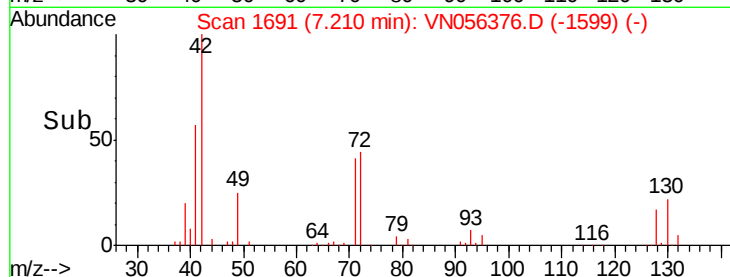
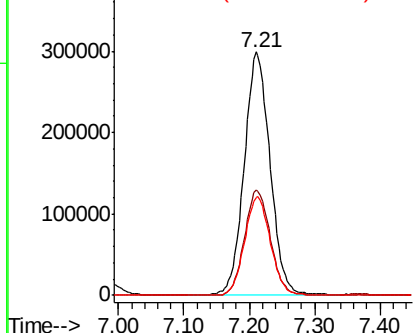
#29
Tetrahydrofuran
Concen: 513.932 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 823414
Ion Ratio Lower Upper
42 100
72 43.3 34.7 52.1
71 40.7 33.0 49.6

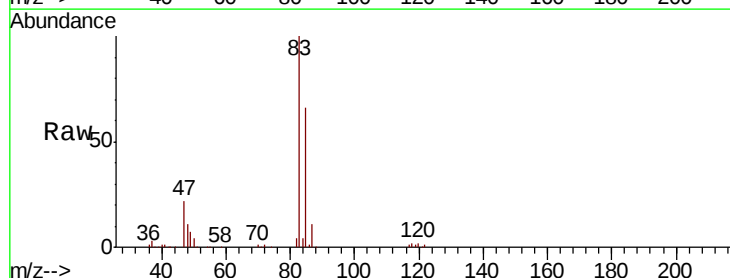


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

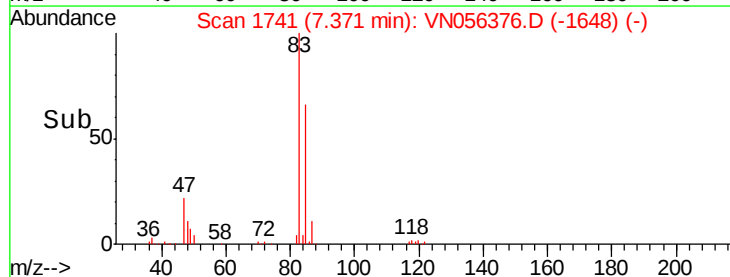
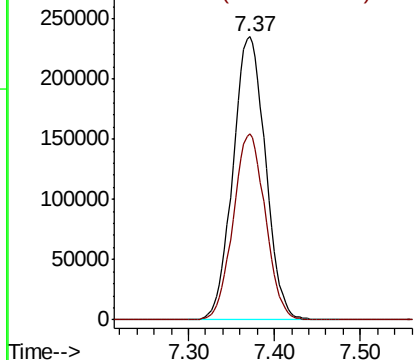


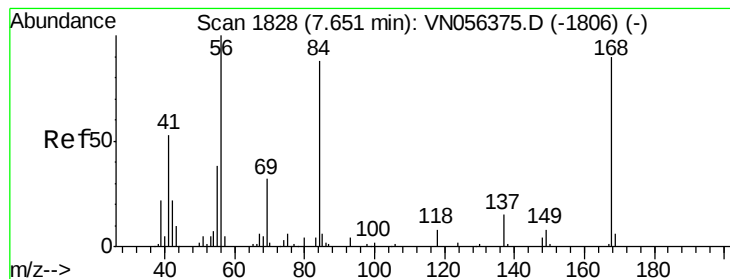
#30
Chloroform
Concen: 96.948 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 83 Resp: 617451
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5



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





#31

Cyclohexane

Concen: 94.966 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

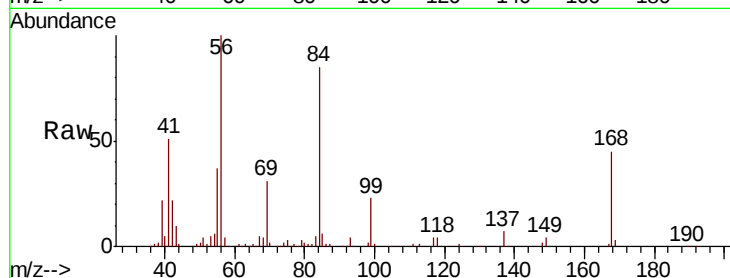
Tot Ion: 56 Resp: 586217

Ion Ratio Lower Upper

56 100

69 31.3 25.8 38.6

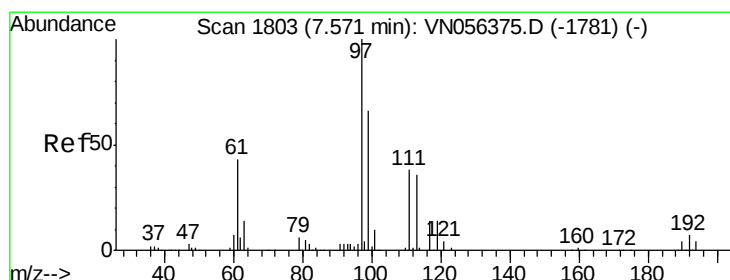
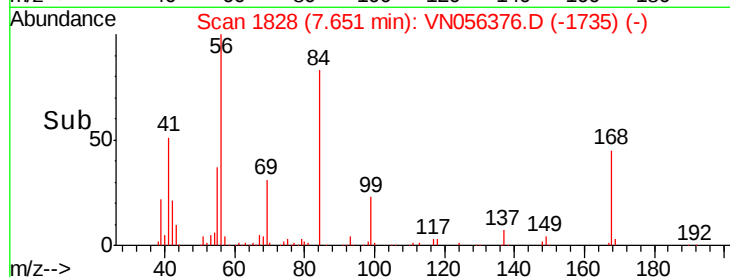
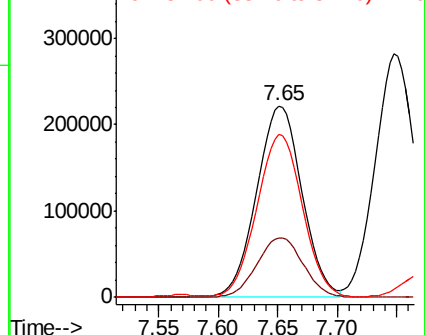
84 84.1 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 97.086 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

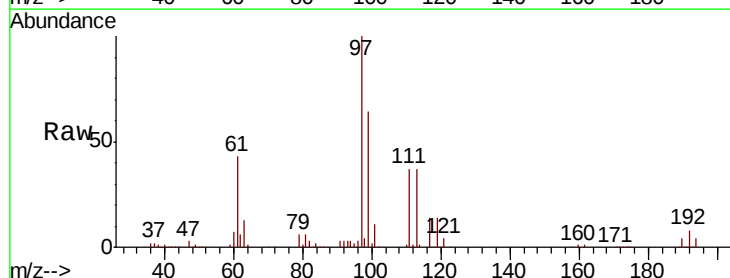
Tgt Ion: 97 Resp: 510597

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

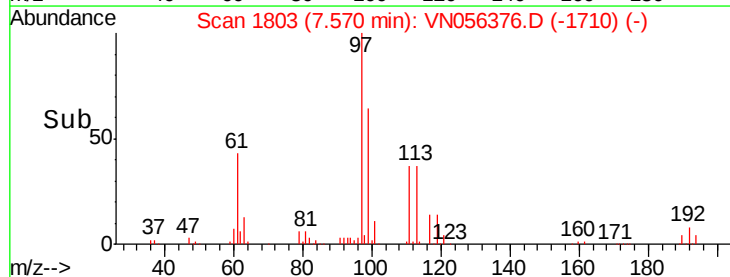
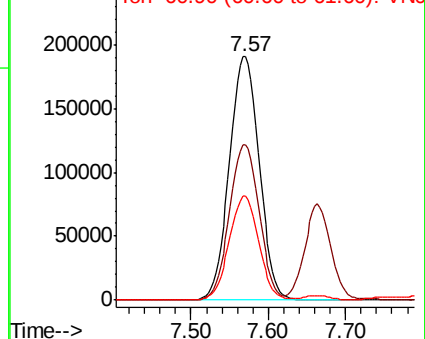
61 42.2 33.9 50.9

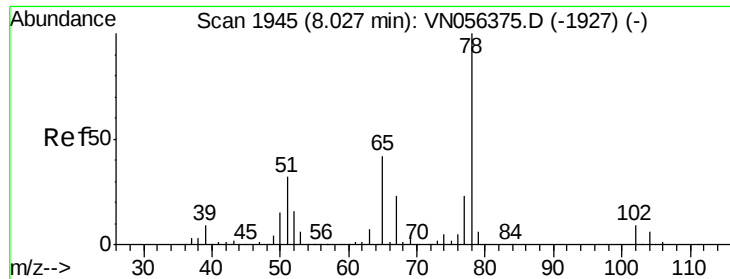


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

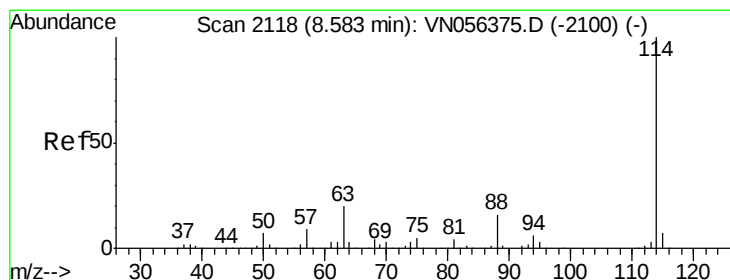
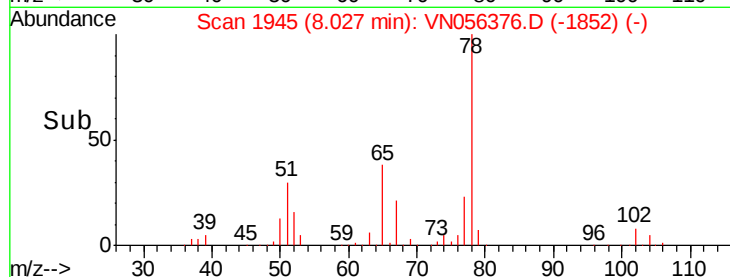
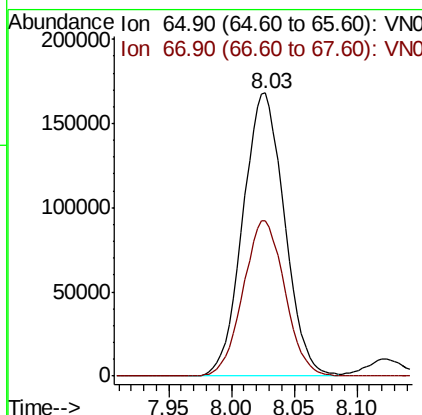
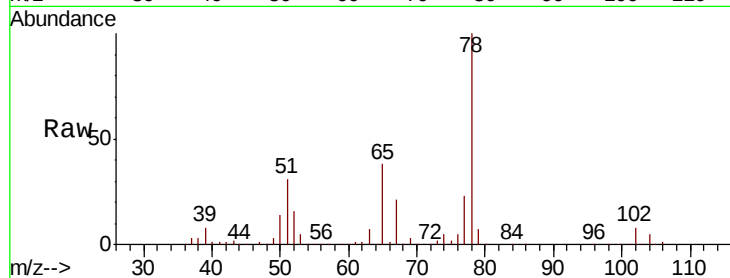




#33
 1,2-Dichloroethane-d4
 Concen: 96.280 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

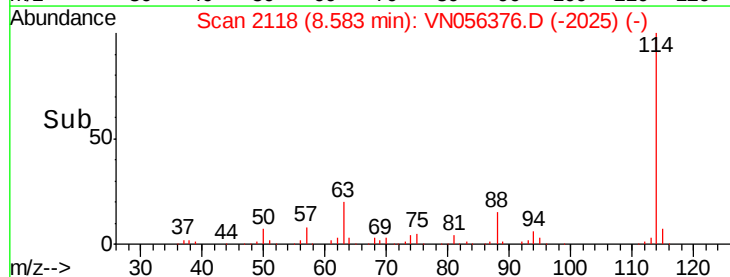
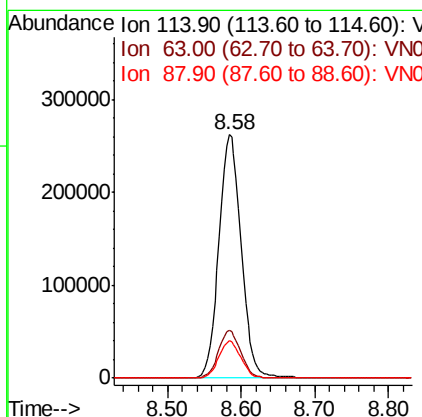
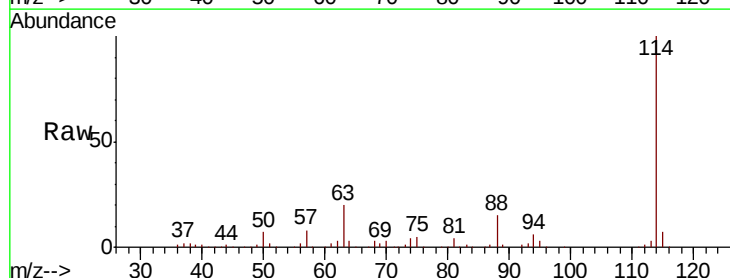
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

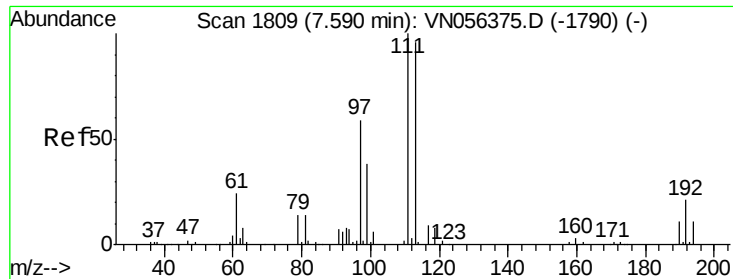
Tot Ion: 65 Resp: 388830
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 114 Resp: 551865
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.3 0.0 31.4

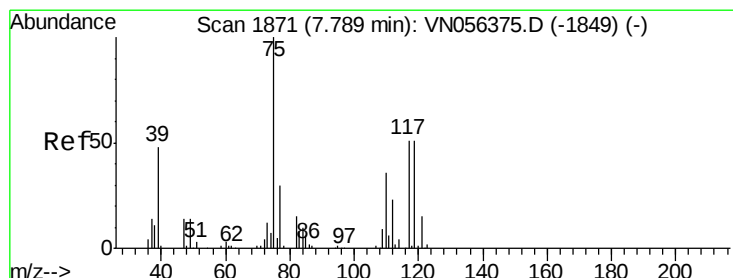
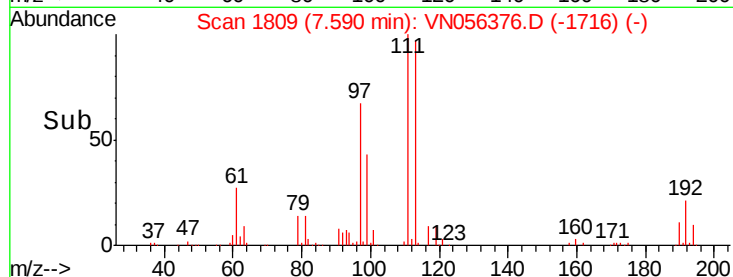
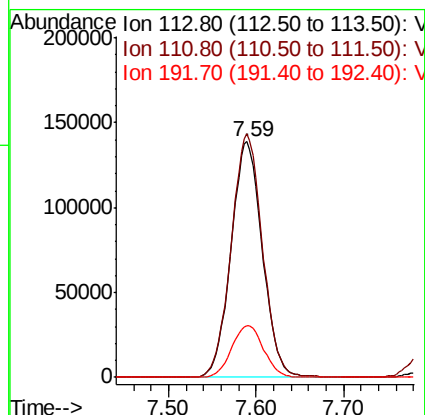
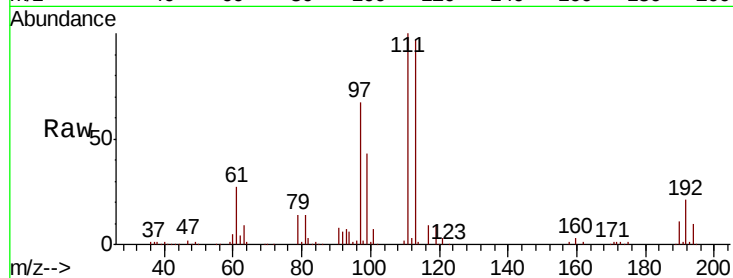




#35
Dibromofluoromethane
Concen: 98.139 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

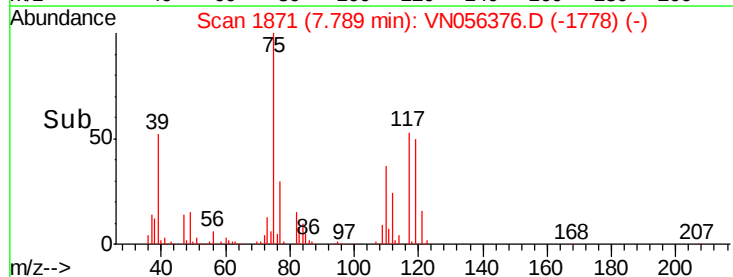
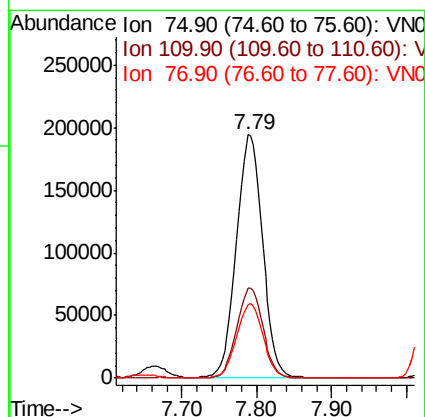
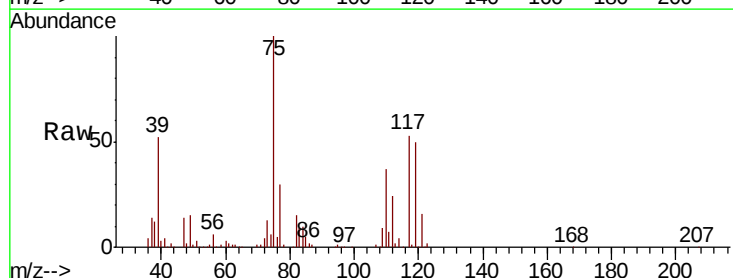
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

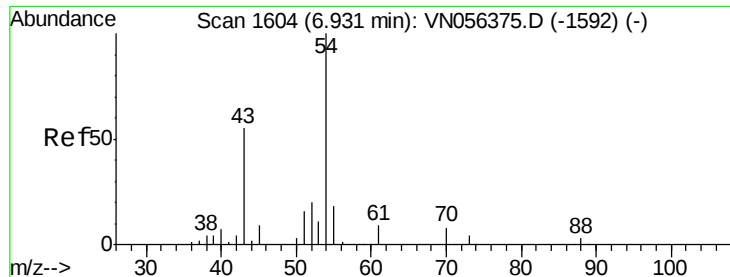
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	22.4	17.7	26.5



#36
1,1-Dichloropropene
Concen: 96.633 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.3
77	30.9	24.6	36.8

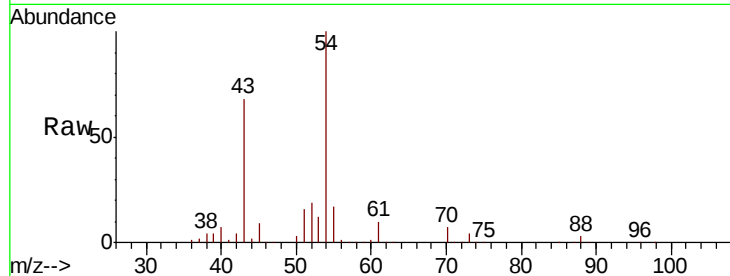




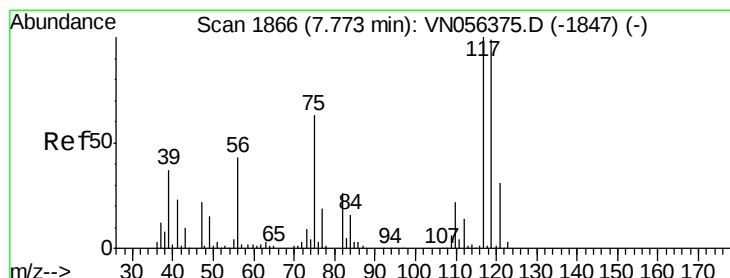
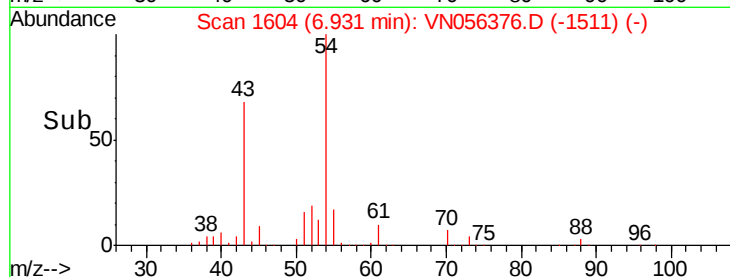
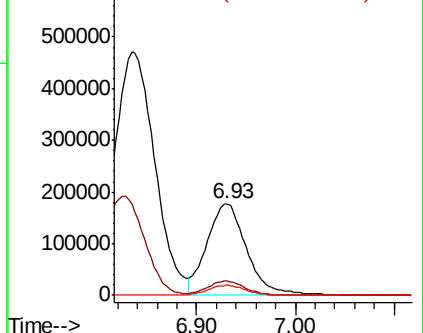
#37
Ethyl Acetate
Concen: 104.617 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 490229
Ion Ratio Lower Upper
43 100
61 14.9 11.1 16.7
70 10.8 8.3 12.5

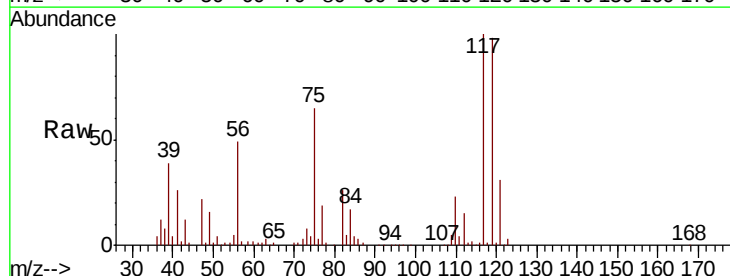


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

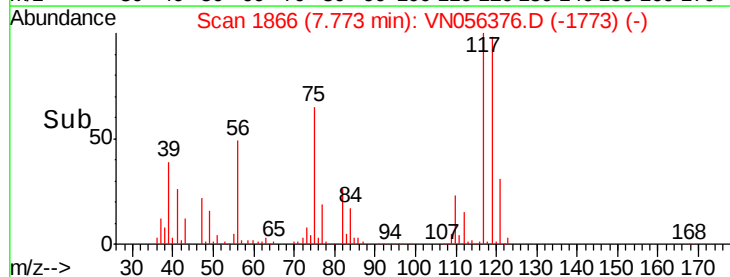
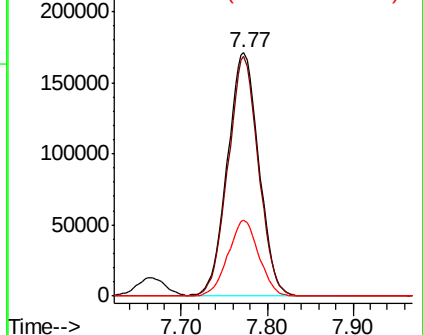


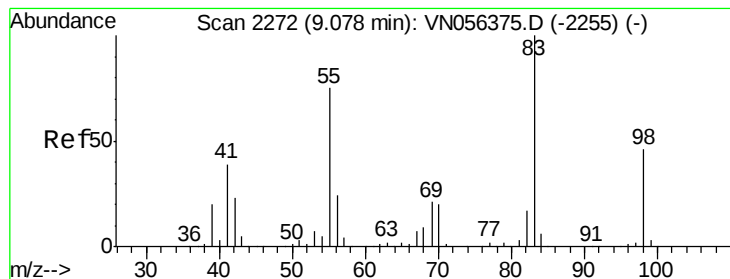
#38
Carbon Tetrachloride
Concen: 93.106 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 117 Resp: 434238
Ion Ratio Lower Upper
117 100
119 98.4 79.1 118.7
121 31.1 24.8 37.2



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





#39

Methvlcvclohexane

Concen: 99.793 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

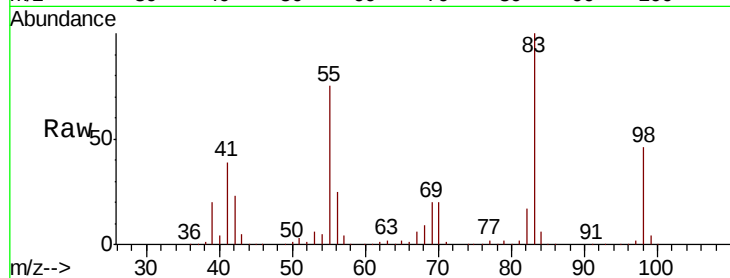
Tot Ion: 83 Resp: 597831

Ion Ratio Lower Upper

83 100

55 74.6 60.0 90.0

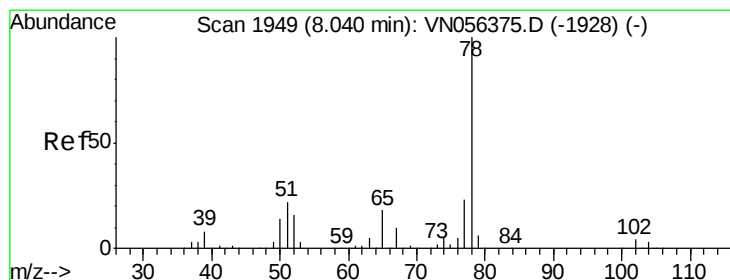
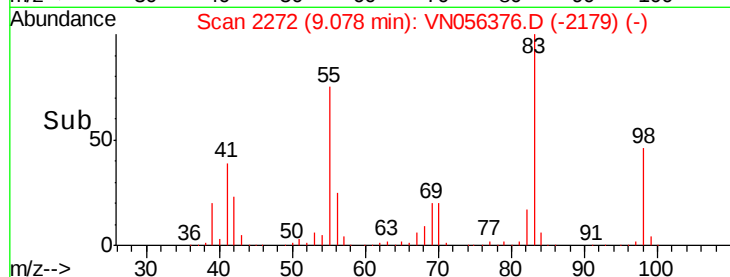
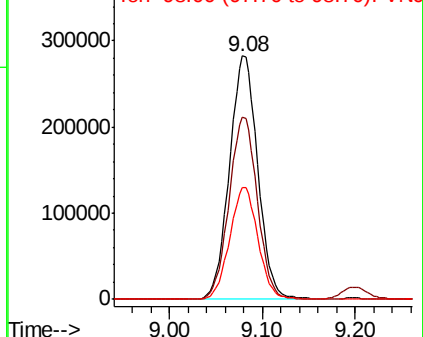
98 45.7 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 97.385 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN056376.D

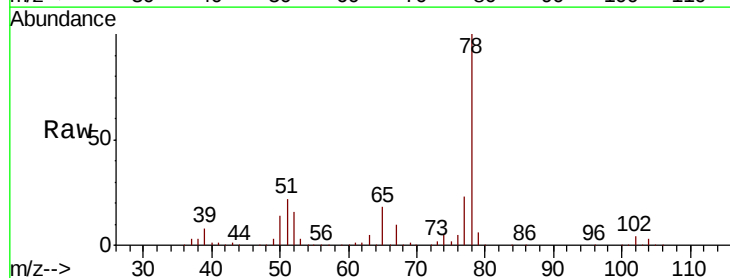
Acq: 19 Jun 2019 10:26

Tgt Ion: 78 Resp: 1452660

Ion Ratio Lower Upper

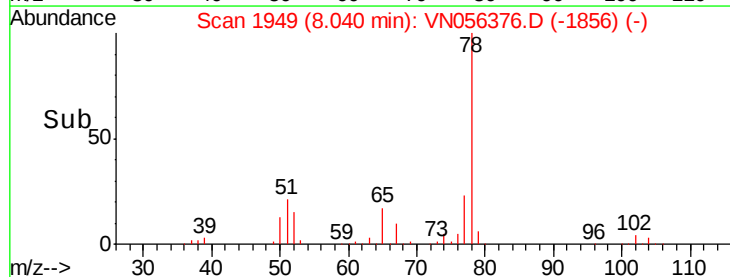
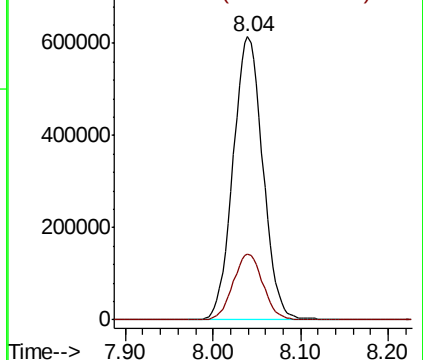
78 100

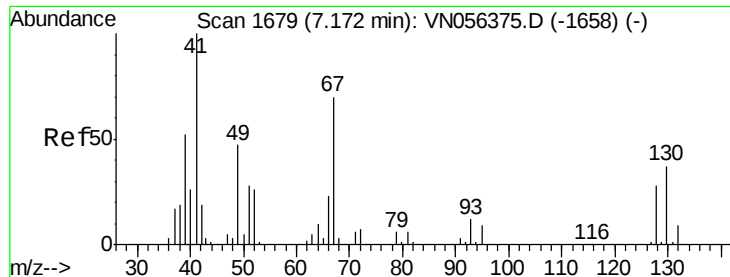
77 23.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 339.091 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.04 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 41 Resp: 711602

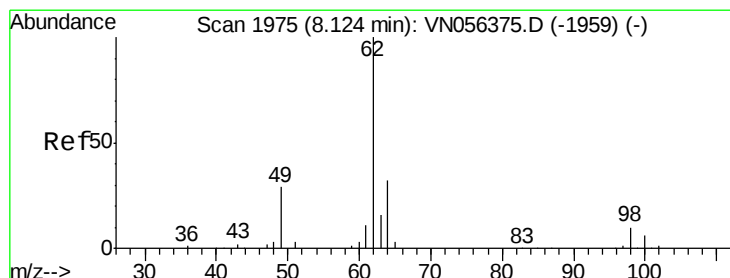
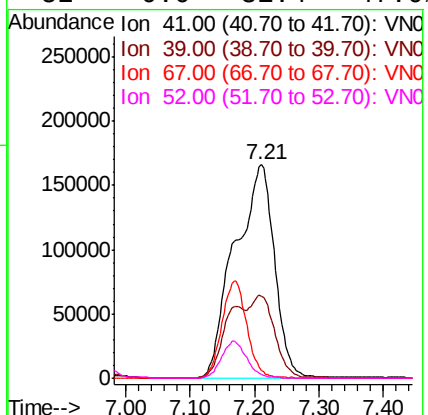
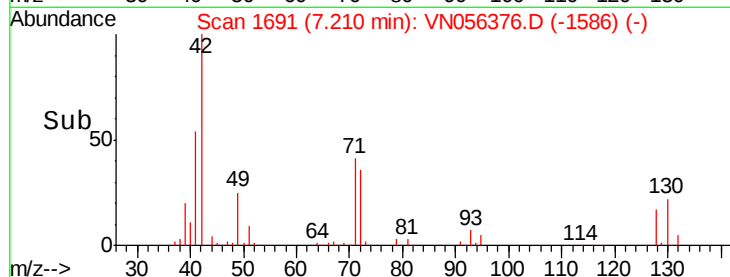
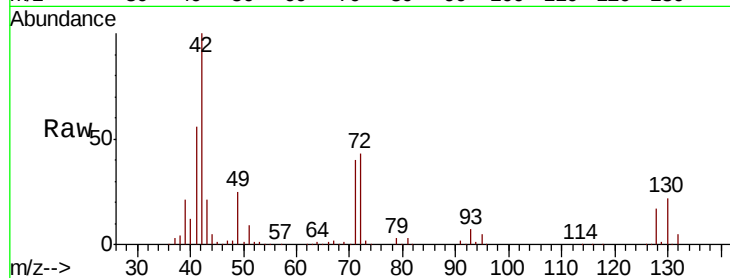
Ion Ratio Lower Upper

41 100

39 0.0 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#



#42

1,2-Dichloroethane

Concen: 95.933 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN056376.D

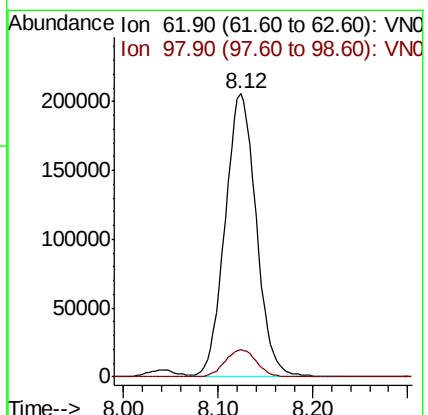
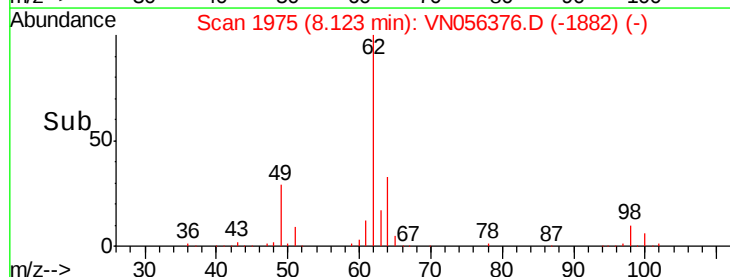
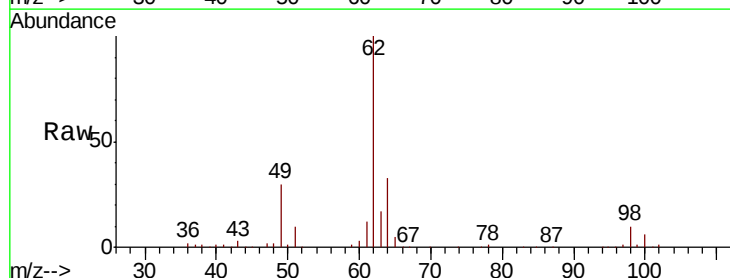
Acq: 19 Jun 2019 10:26

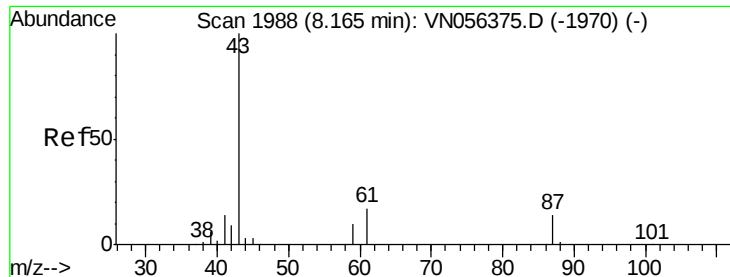
Tgt Ion: 62 Resp: 468790

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 104.624 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

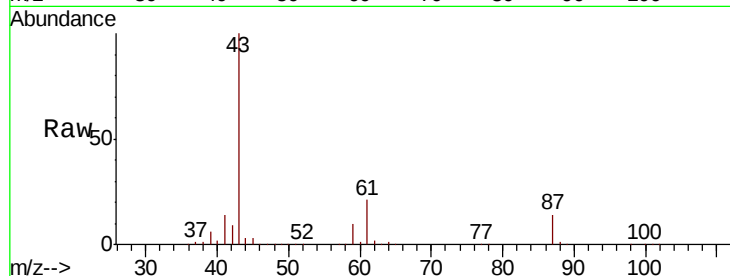
Tot Ion: 43 Resp: 782946

Ion Ratio Lower Upper

43 100

61 27.2 22.0 33.0

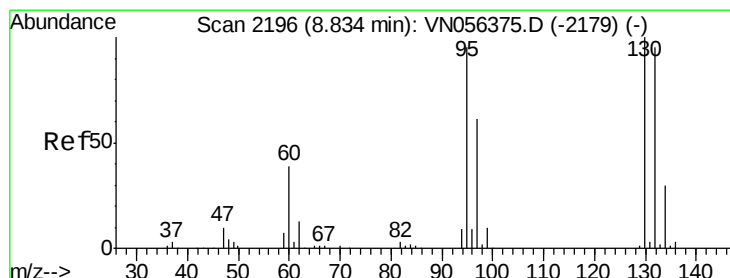
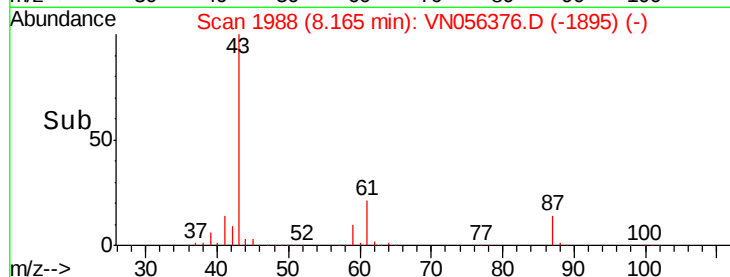
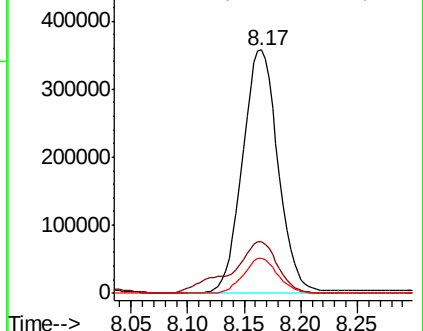
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056376.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056376.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056376.D (-1970) (-)



#44

Trichloroethene

Concen: 97.172 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056376.D

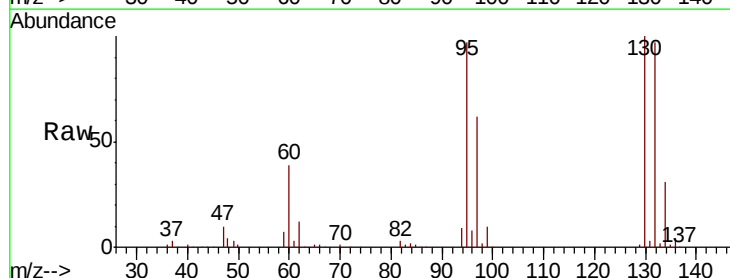
Acq: 19 Jun 2019 10:26

Tgt Ion:130 Resp: 394959

Ion Ratio Lower Upper

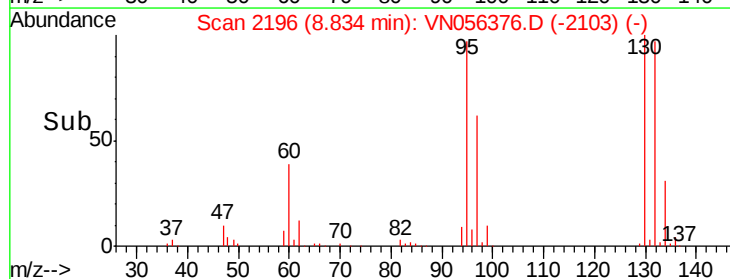
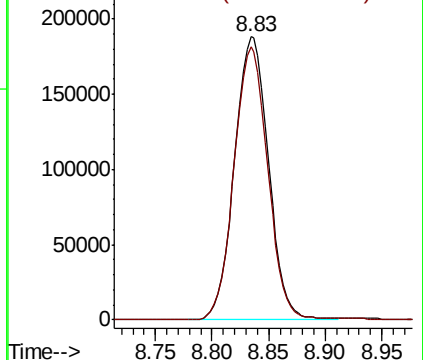
130 100

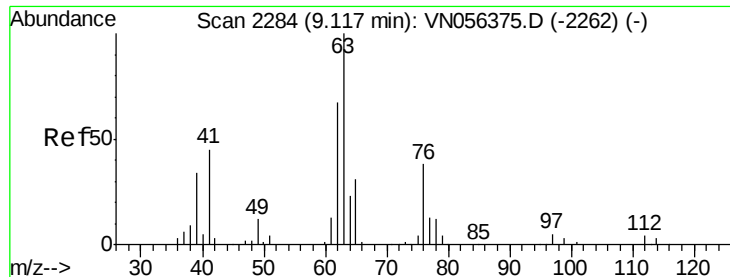
95 96.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056376.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056376.D (-2103) (-)

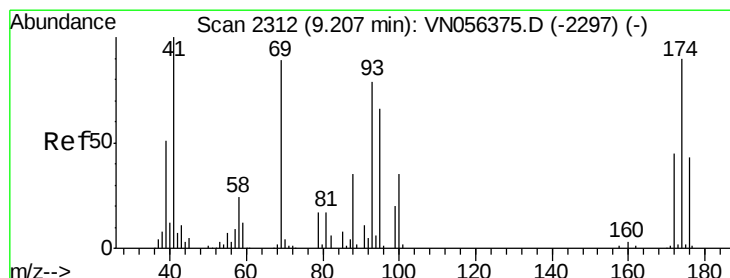
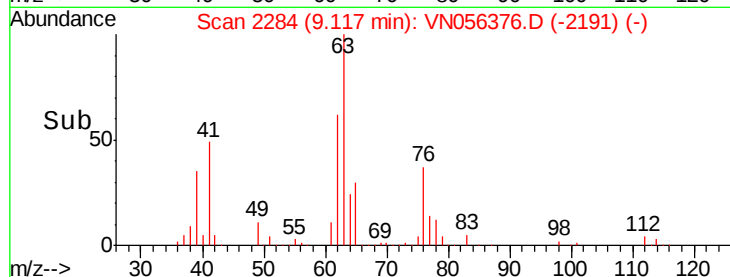
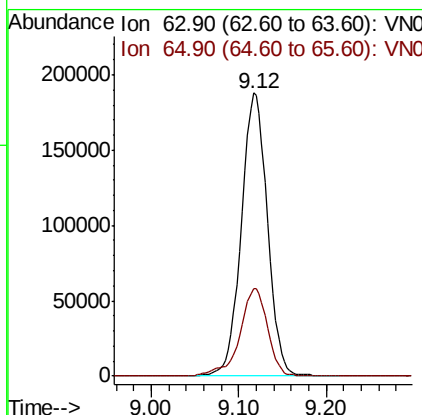
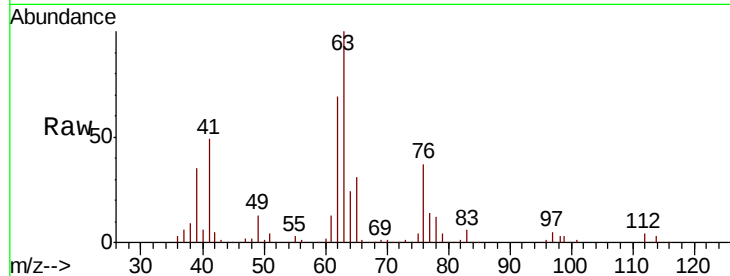




#45
 1,2-Dichloropropane
 Concen: 98.538 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

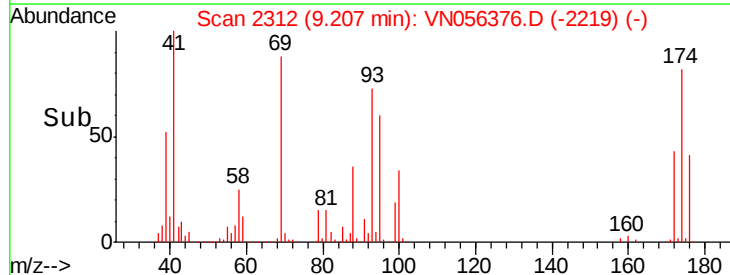
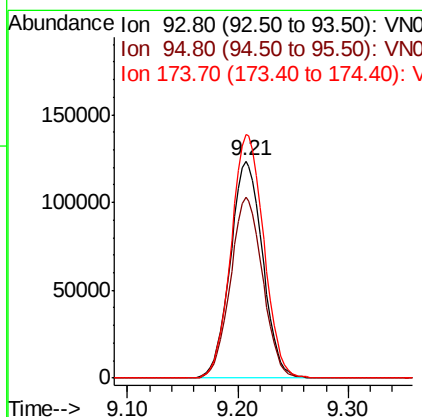
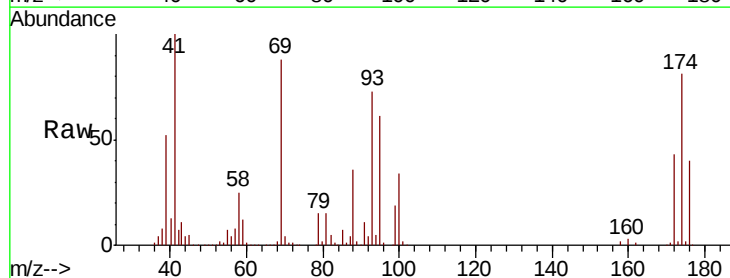
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 389175
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 96.215 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion: 93 Resp: 251342
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.2
 174 113.2 90.8 136.2





#47

Bromodichloromethane

Concen: 95.245 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

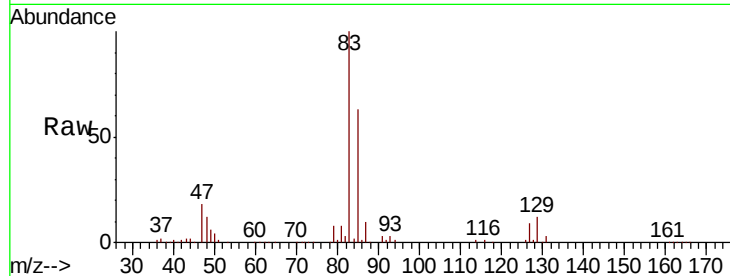
Tot Ion: 83 Resp: 471307

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

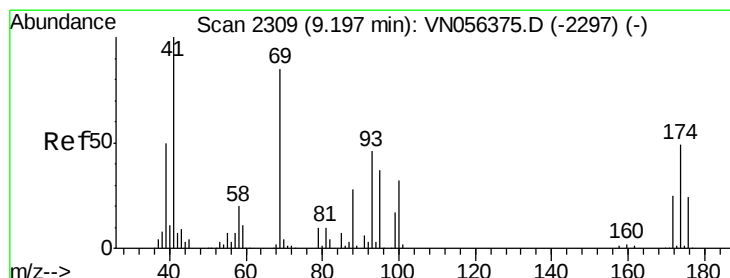
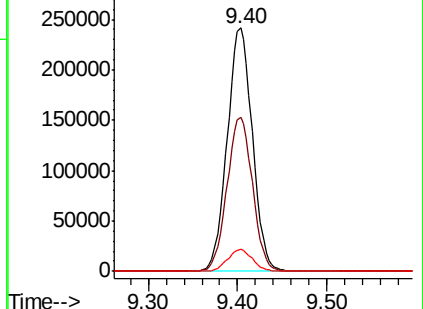
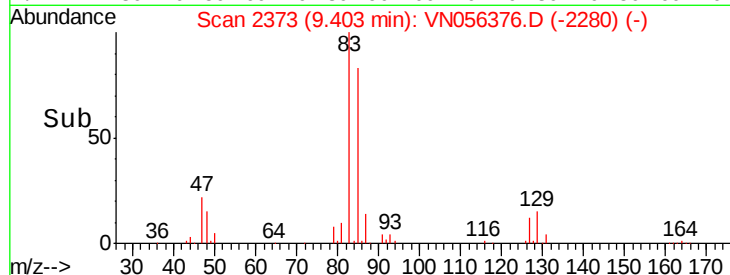
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056376.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056376.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056376.D (-2280) (-)



#48

Methyl methacrylate

Concen: 103.200 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

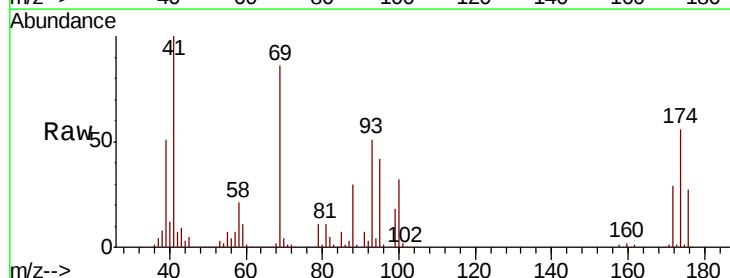
Tgt Ion: 41 Resp: 386865

Ion Ratio Lower Upper

41 100

69 89.4 72.6 109.0

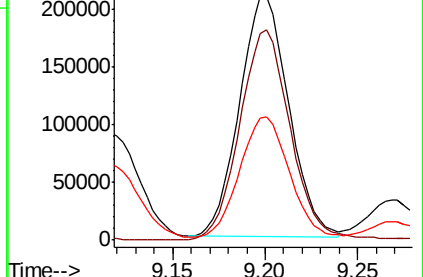
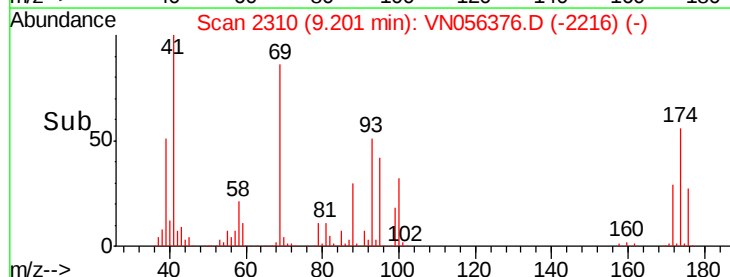
39 52.4 42.6 63.8

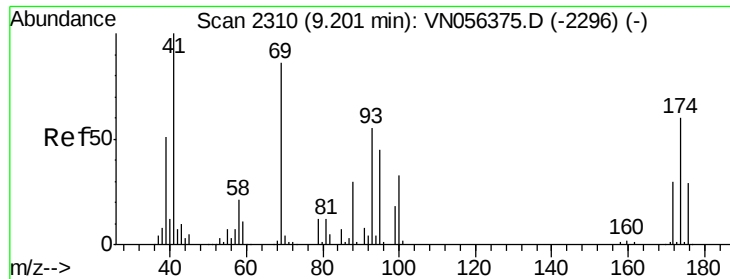


Abundance Ion 41.00 (40.70 to 41.70): VN056376.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056376.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056376.D (-2216) (-)

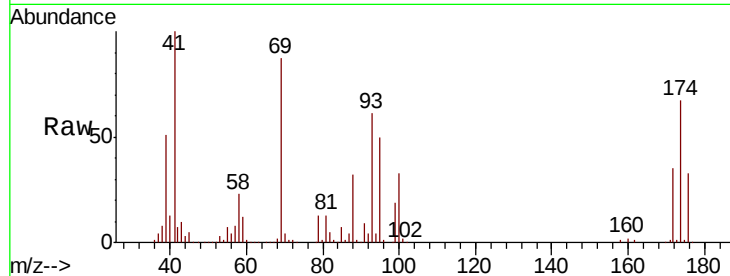




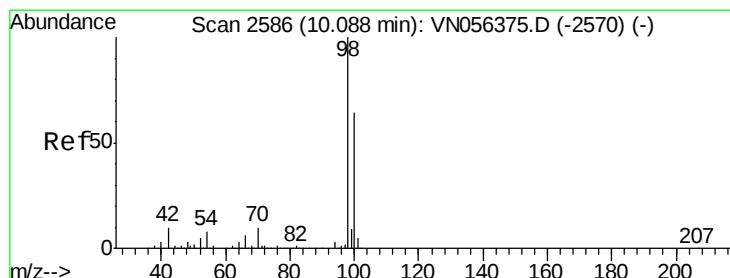
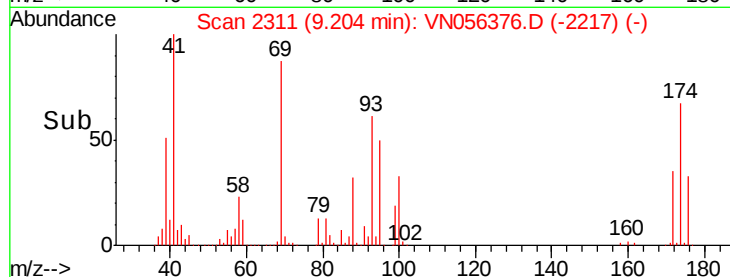
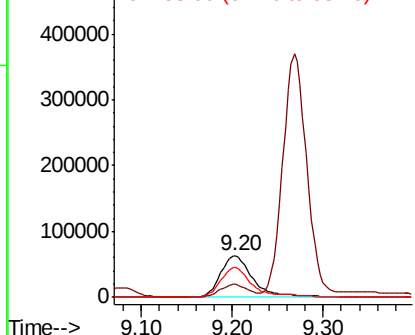
#49
1,4-Dioxane
Concen: 2084.113 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 157176
Ion Ratio Lower Upper
88 100
43 26.1 22.0 33.0
58 71.4 51.8 77.8

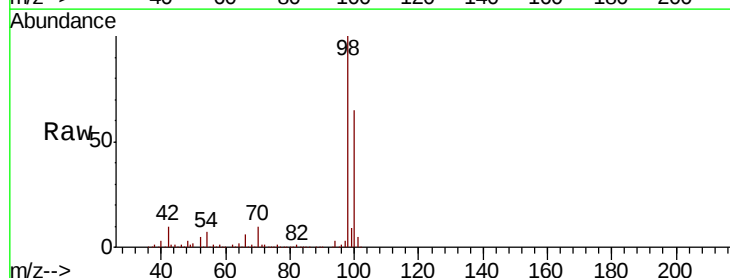


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

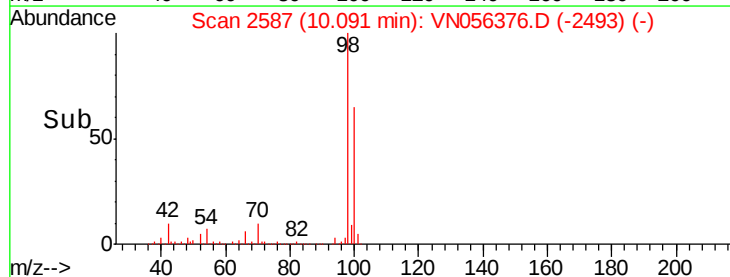
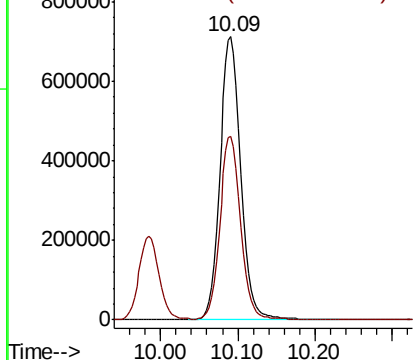


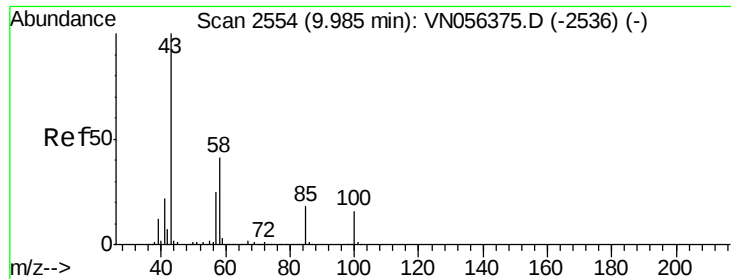
#50
Toluene-d8
Concen: 99.172 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 98 Resp: 1334342
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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: 525.734 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

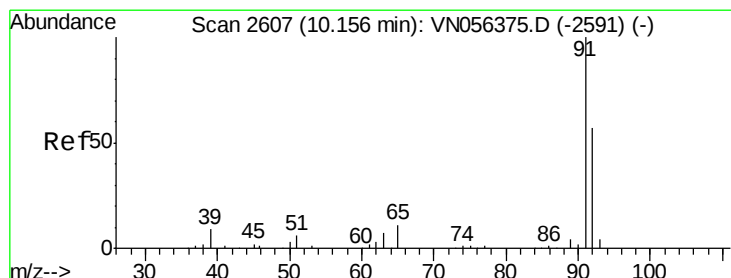
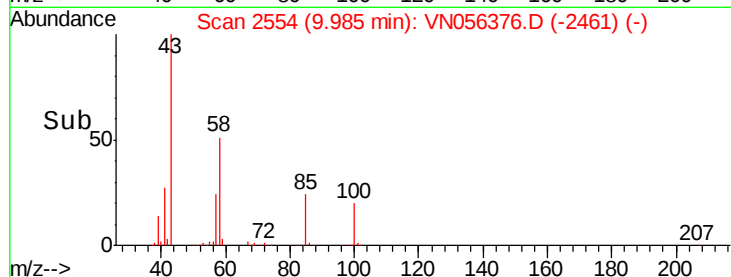
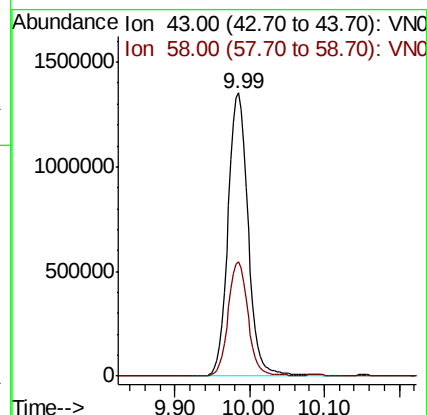
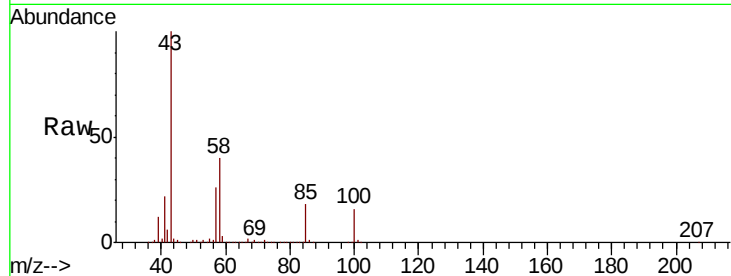
VSTDIC100

Tot Ion: 43 Resp: 2503200

Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.8



#52

Toluene

Concen: 100.218 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056376.D

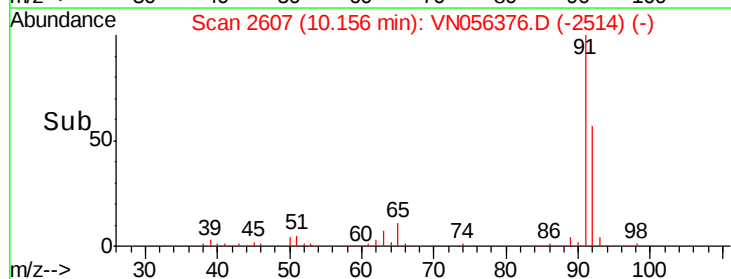
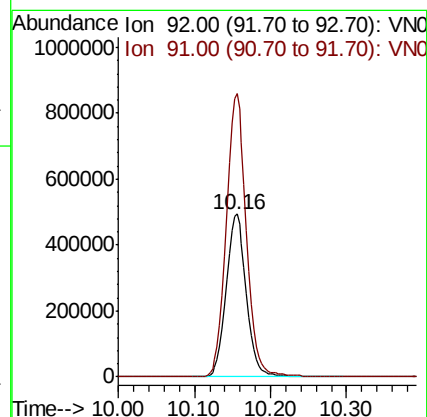
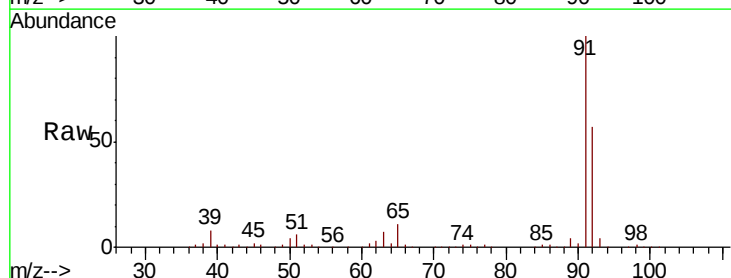
Acq: 19 Jun 2019 10:26

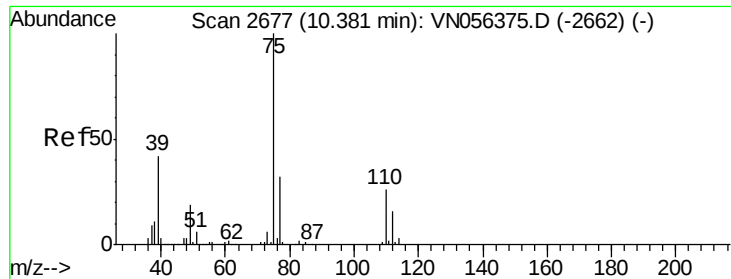
Tgt Ion: 92 Resp: 910407

Ion Ratio Lower Upper

92 100

91 174.1 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 105.445 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

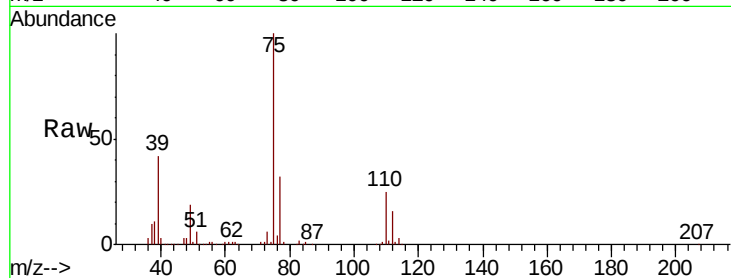
VSTDIC100

Tot Ion: 75 Resp: 520869

Ion Ratio Lower Upper

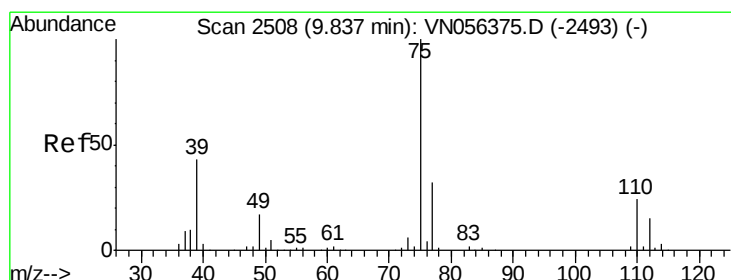
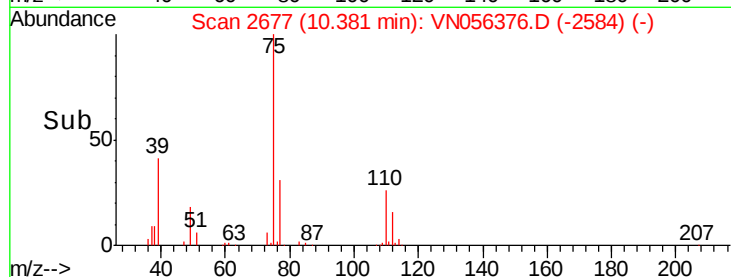
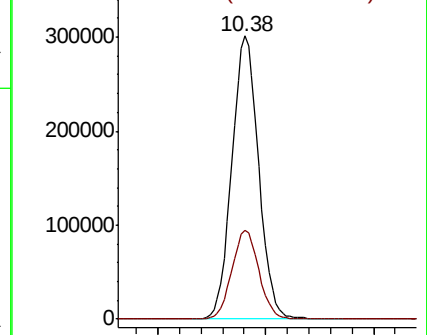
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 103.490 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

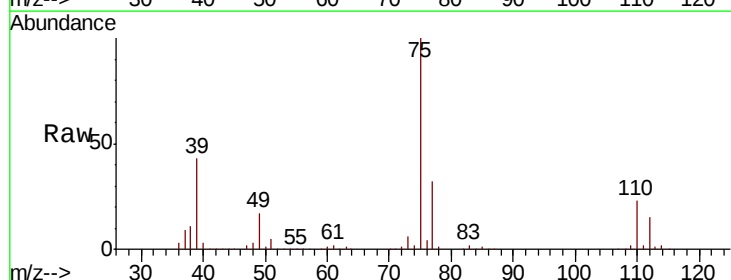
Tgt Ion: 75 Resp: 592196

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

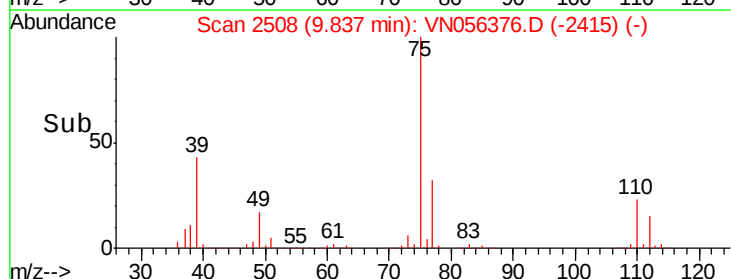
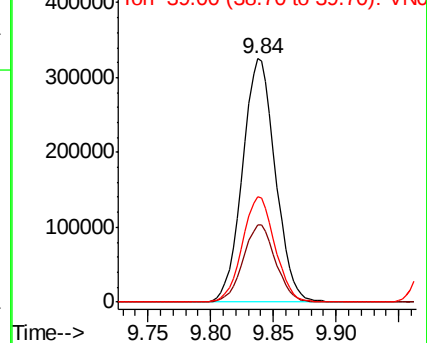
39 43.3 34.2 51.4

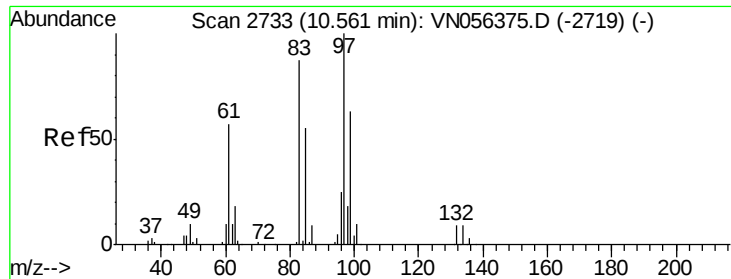


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 98.519 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 369380

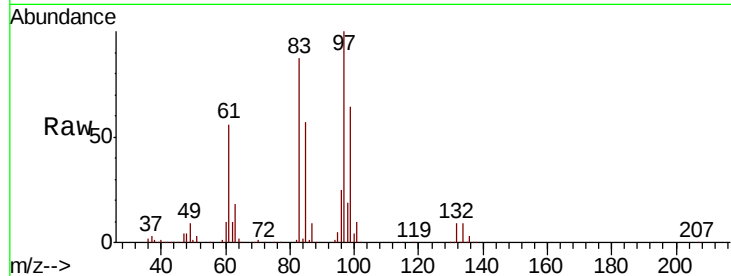
Ion Ratio Lower Upper

97 100

83 86.9 69.8 104.6

85 56.9 43.8 65.8

99 63.6 50.2 75.2

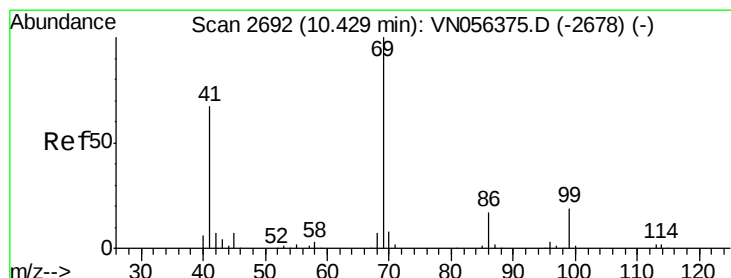
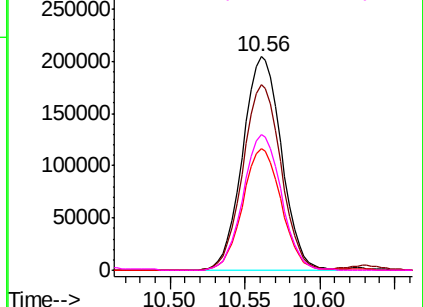
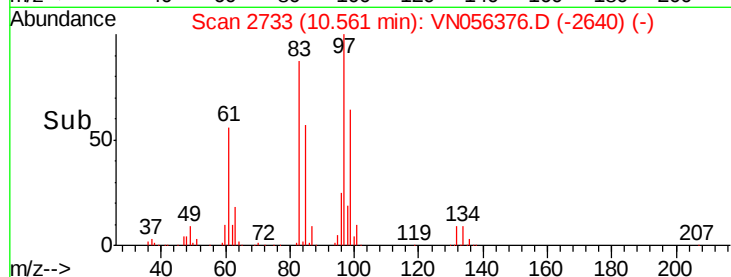


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 110.002 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

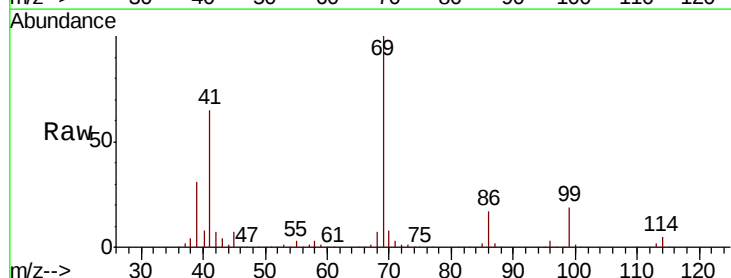
Tgt Ion: 69 Resp: 592092

Ion Ratio Lower Upper

69 100

41 63.9 51.4 77.2

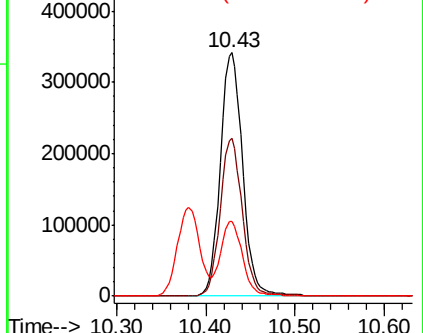
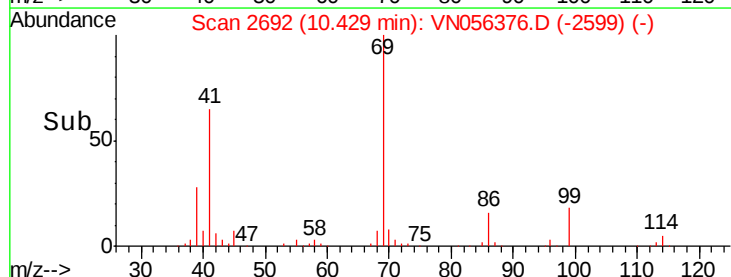
39 30.0 24.7 37.1

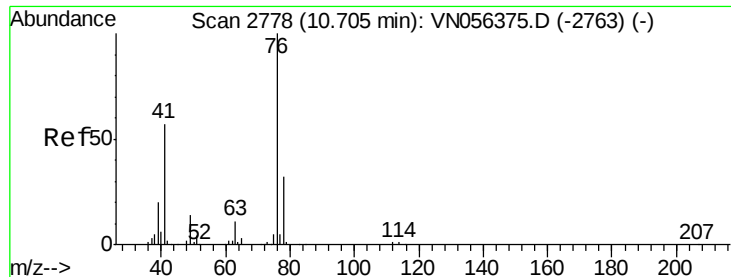


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 98.455 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

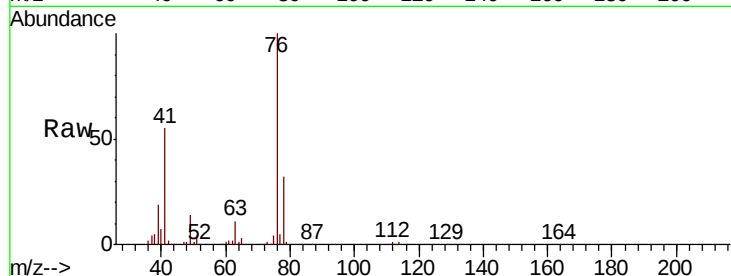
VSTDIC100

Tot Ion: 76 Resp: 621114

Ion Ratio Lower Upper

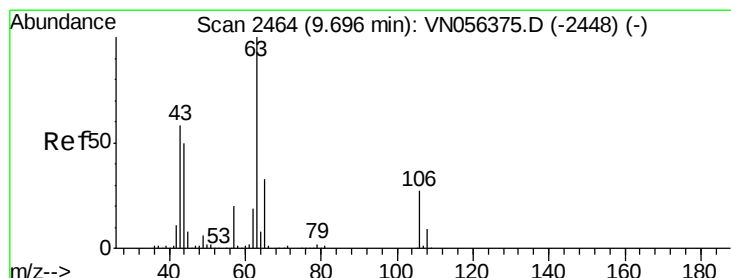
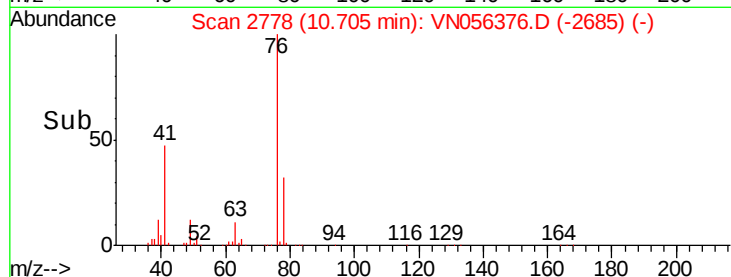
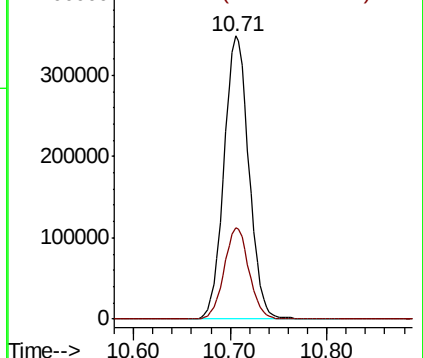
76 100

78 32.3 25.9 38.9



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: 614.186 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056376.D

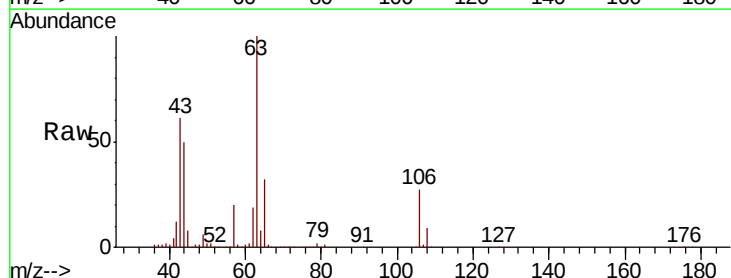
Acq: 19 Jun 2019 10:26

Tgt Ion: 63 Resp: 1092682

Ion Ratio Lower Upper

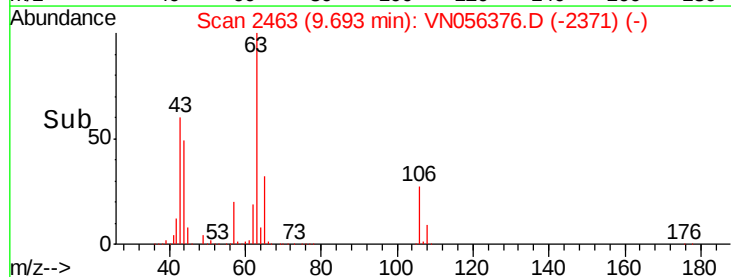
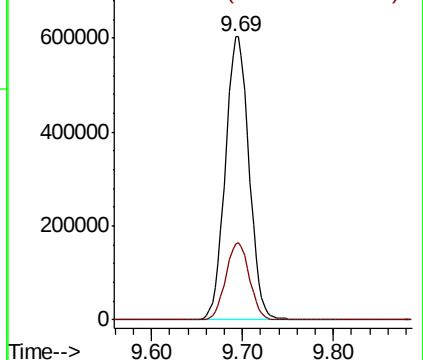
63 100

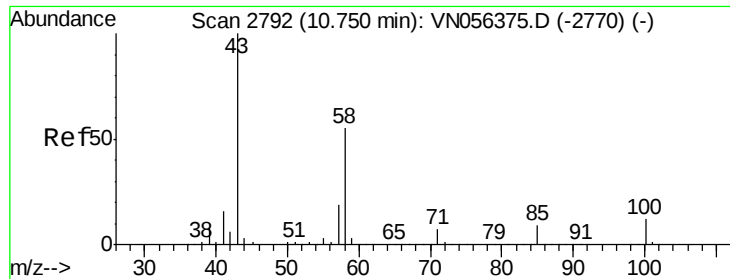
106 27.1 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 522.198 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

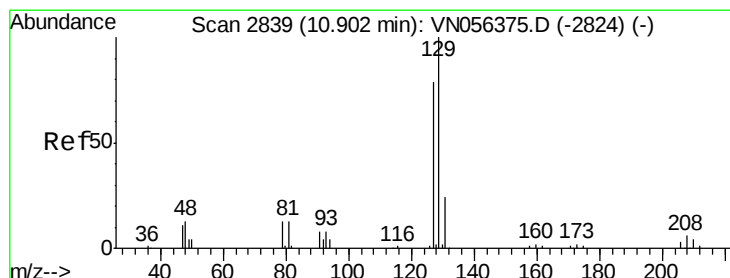
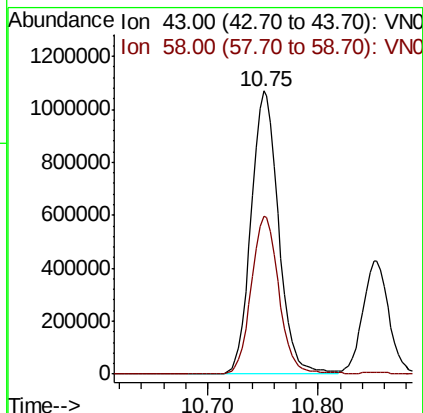
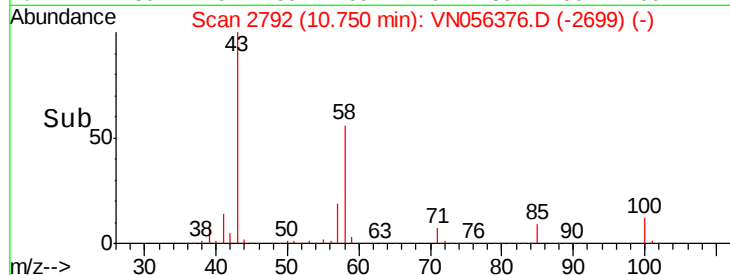
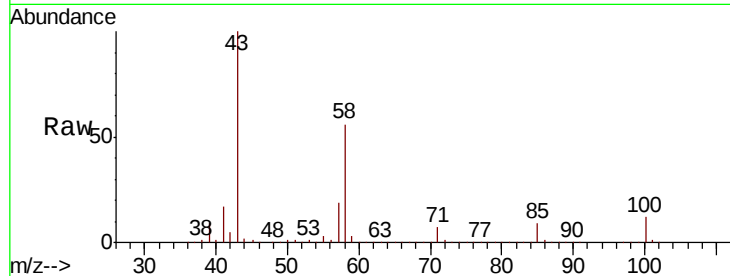
VSTDIC100

Tot Ion: 43 Resp: 1840985

Ion Ratio Lower Upper

43 100

58 56.3 27.8 83.4



#60

Dibromochloromethane

Concen: 99.509 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN056376.D

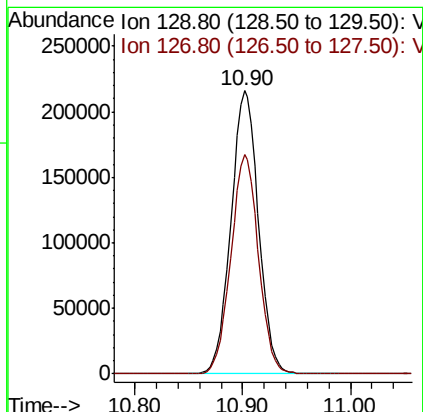
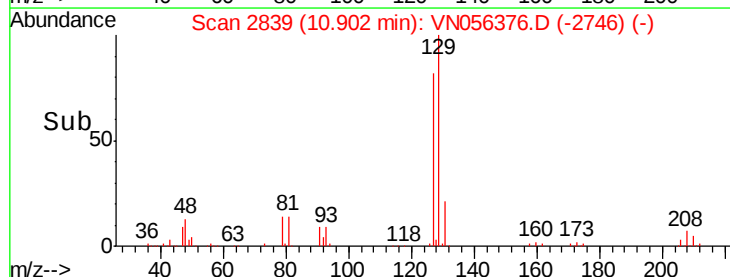
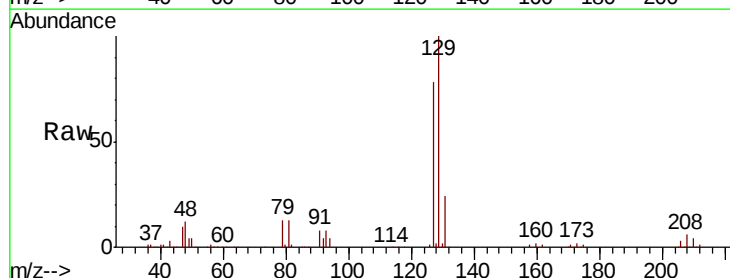
Acq: 19 Jun 2019 10:26

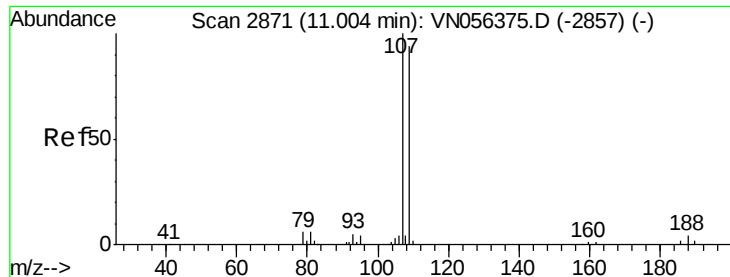
Tgt Ion: 129 Resp: 384653

Ion Ratio Lower Upper

129 100

127 77.3 38.9 116.7

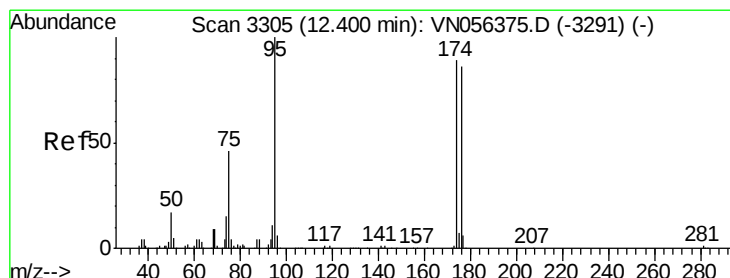
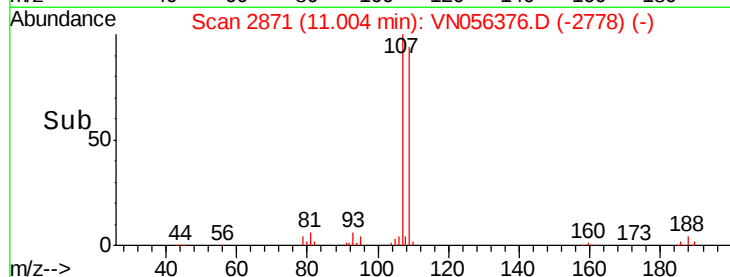
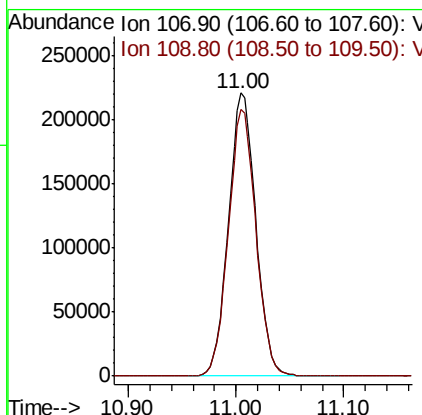
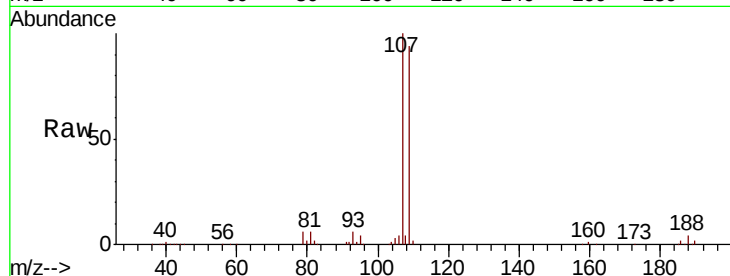




#61
1,2-Dibromoethane
Concen: 101.367 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

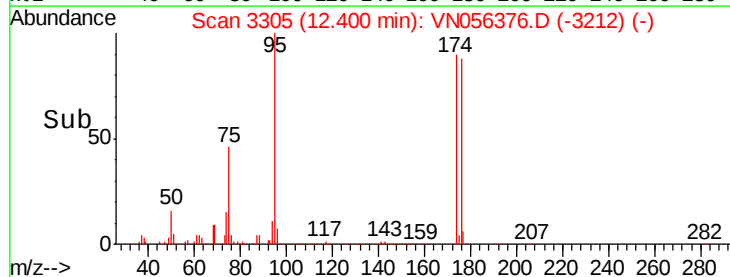
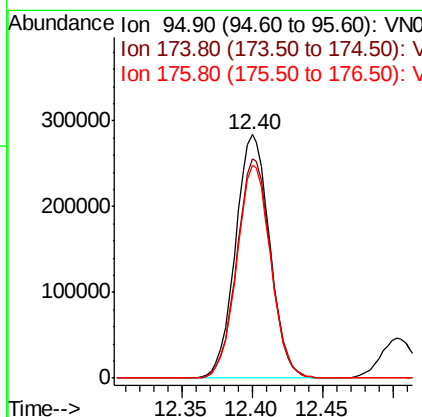
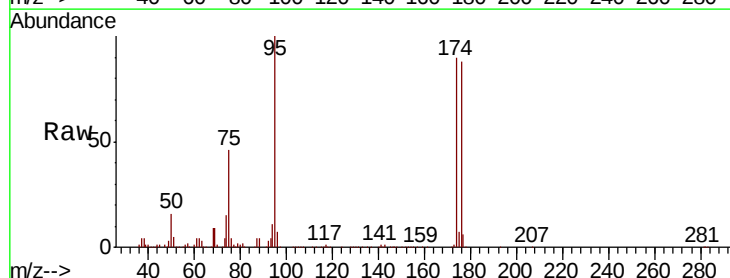
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

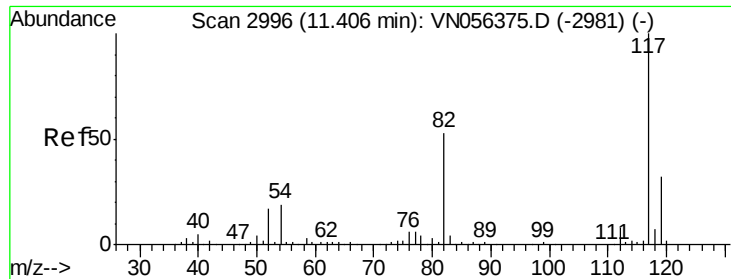
Tot Ion:107 Resp: 389972
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 108.370 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 95 Resp: 482659
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.4
176 86.8 0.0 173.4

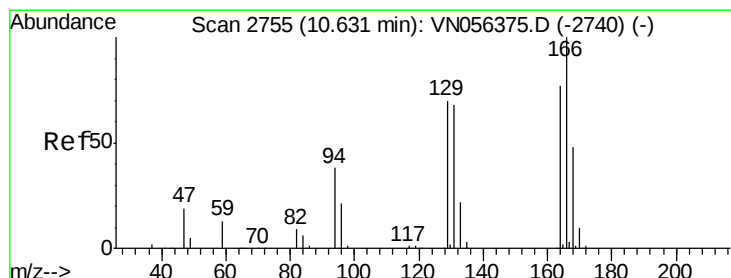
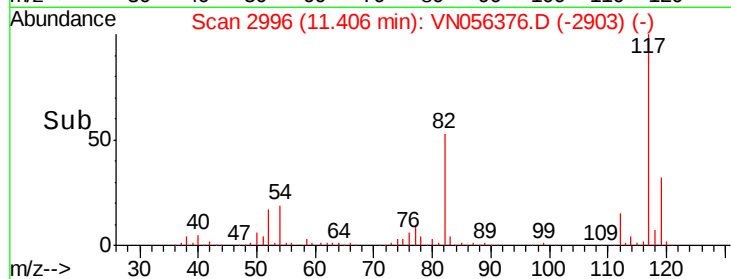
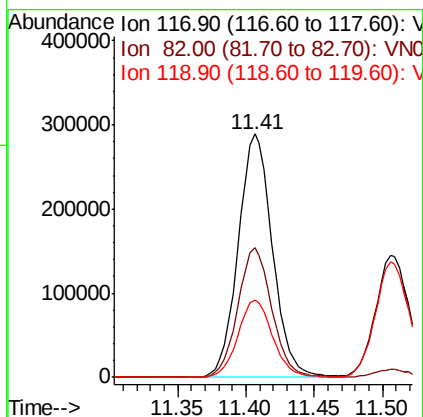
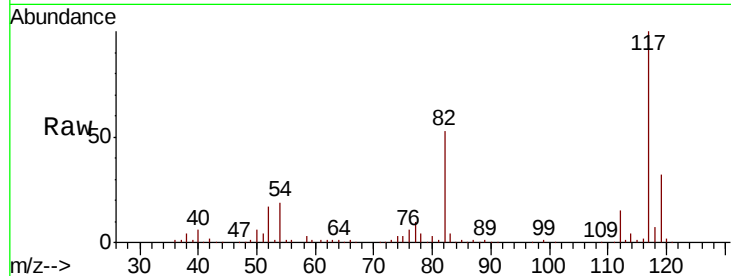




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

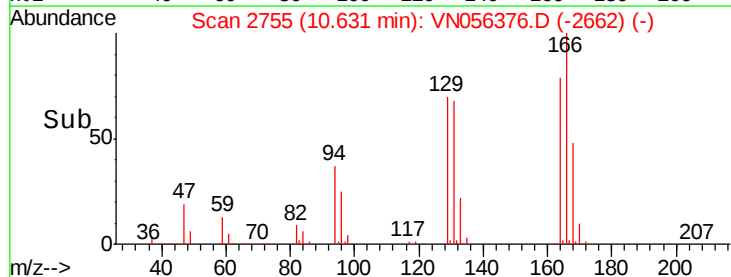
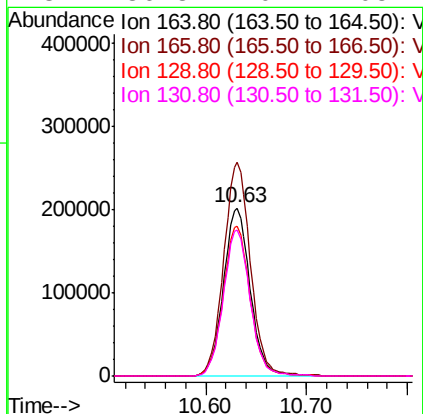
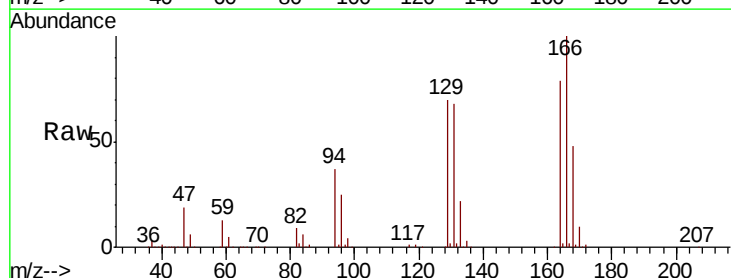
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

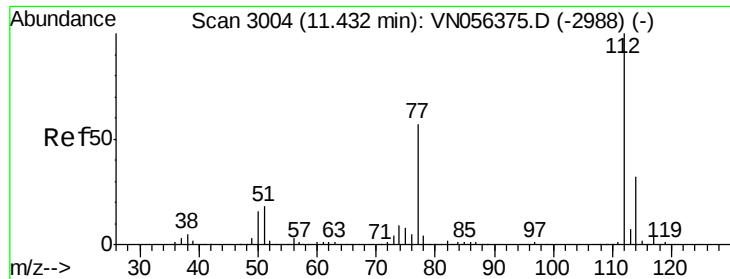
Tot Ion:117 Resp: 503388
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 91.466 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion:164 Resp: 373533
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.0
129 89.5 72.0 108.0
131 86.8 70.2 105.2

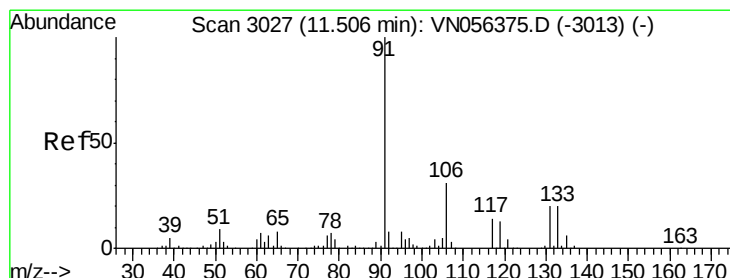
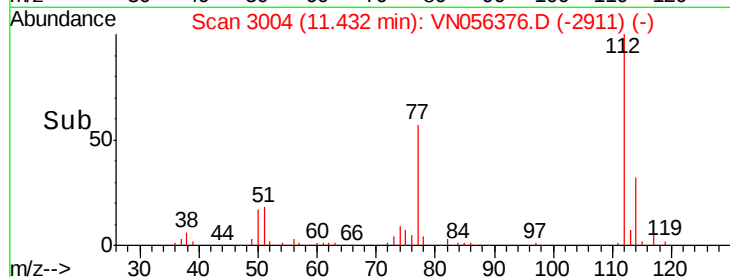
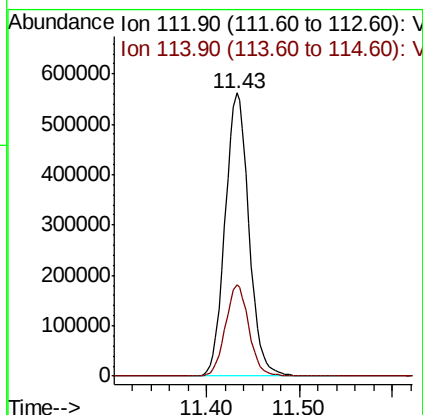
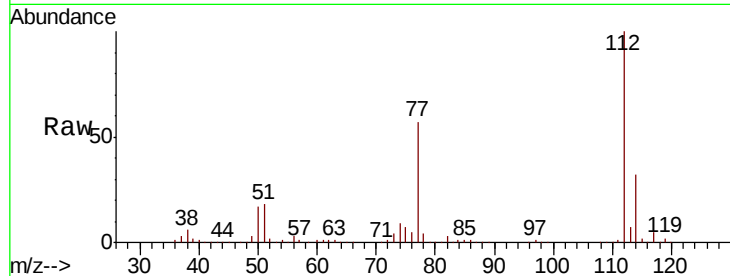




#65
Chlorobenzene
Concen: 98.106 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

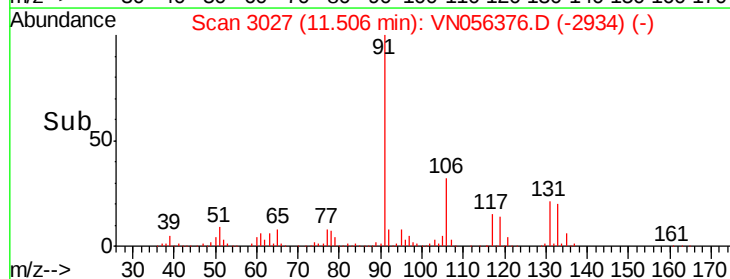
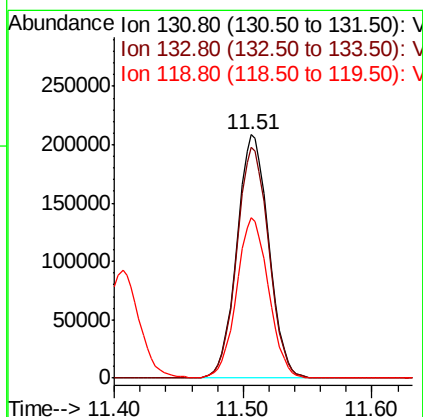
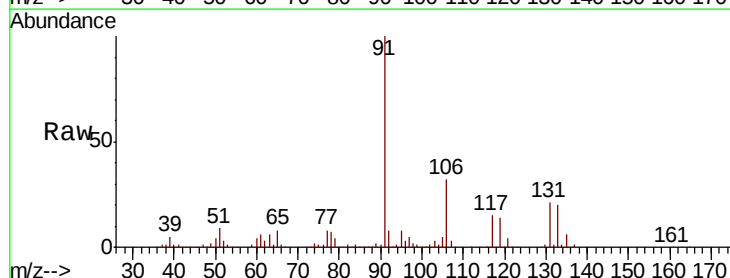
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

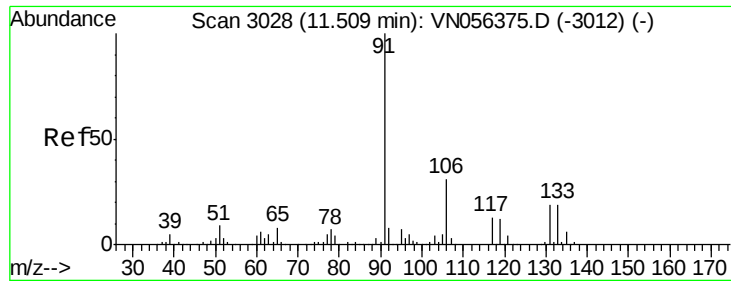
Tot Ion:112 Resp: 997472
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 95.204 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion:131 Resp: 359063
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 65.9 32.8 98.4

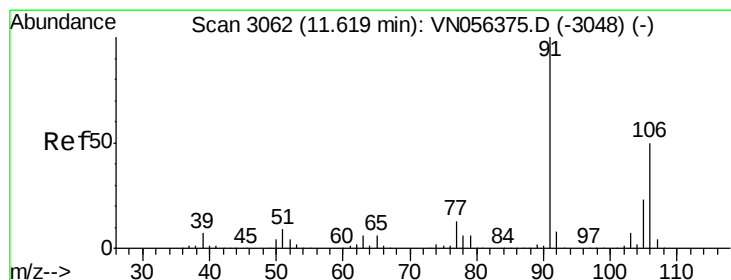
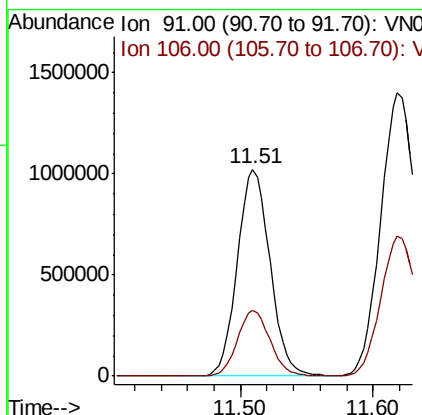
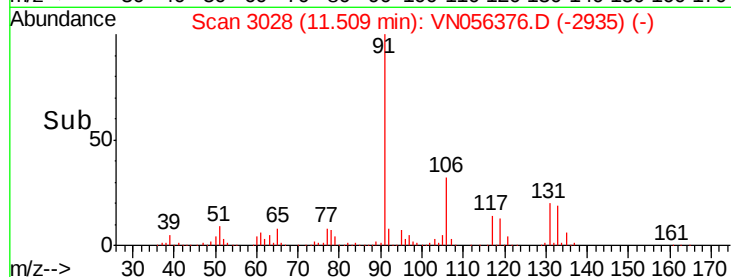
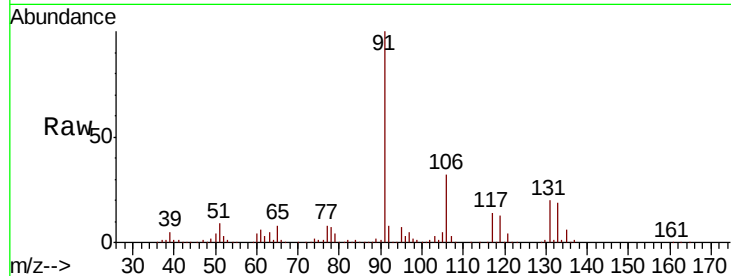




#67
Ethyl Benzene
Concen: 100.296 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

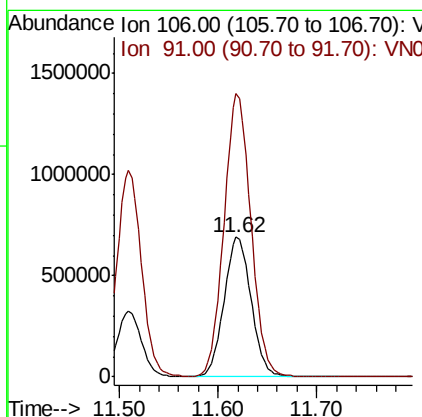
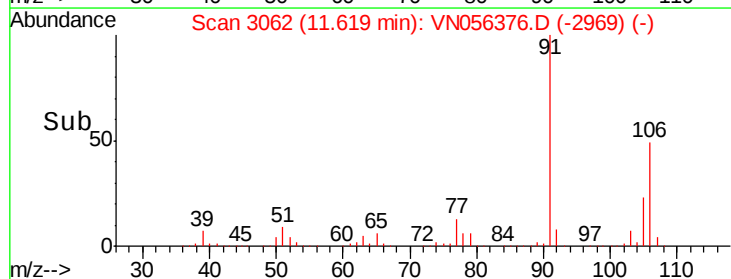
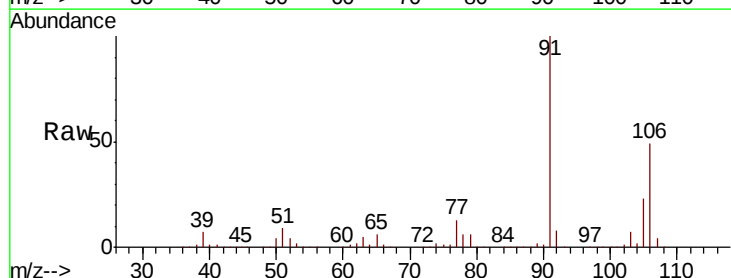
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

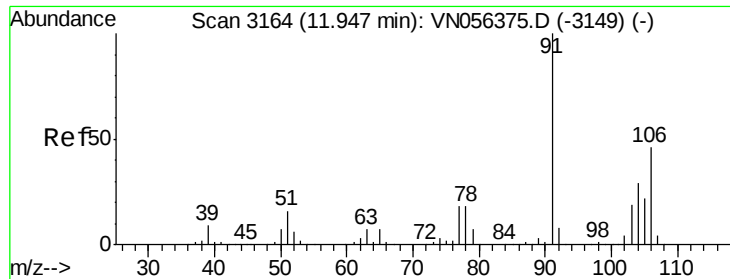
Tot Ion: 91 Resp: 1753836
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 204.627 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion: 106 Resp: 1329344
Ion Ratio Lower Upper
106 100
91 201.3 160.1 240.1

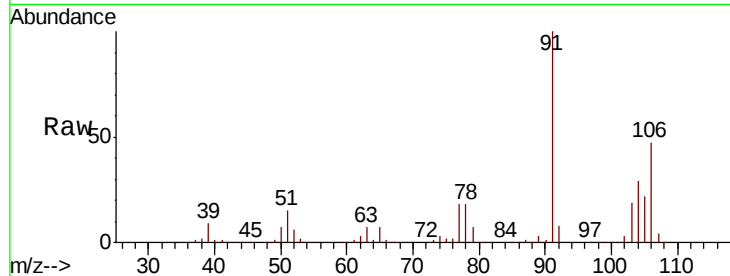




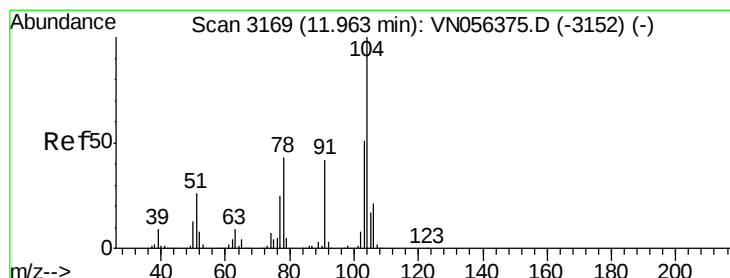
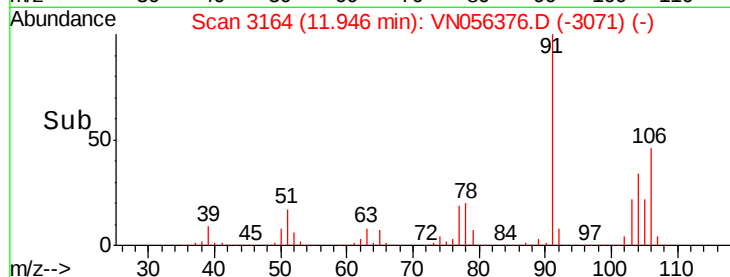
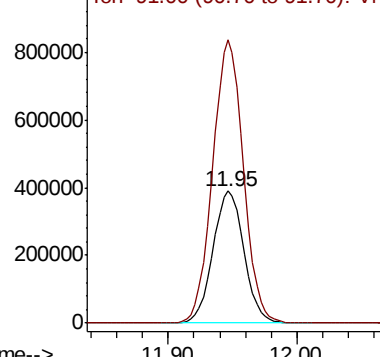
#69
o-Xylene
Concen: 101.563 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 650292
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.3

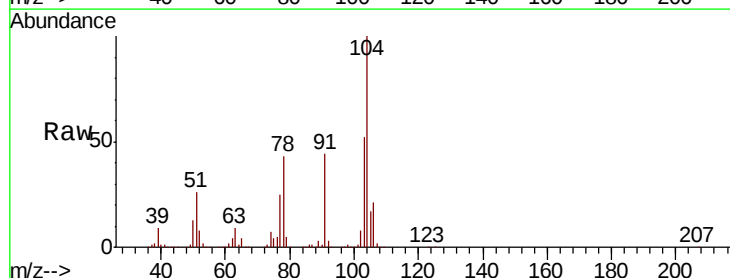


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

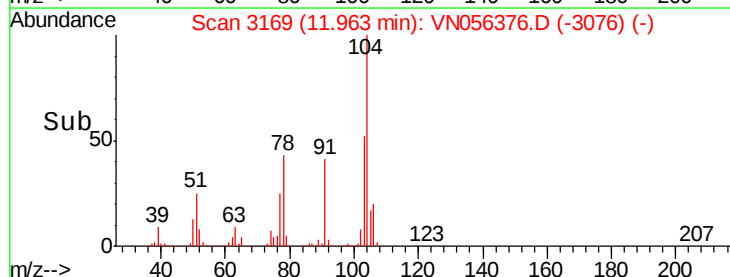
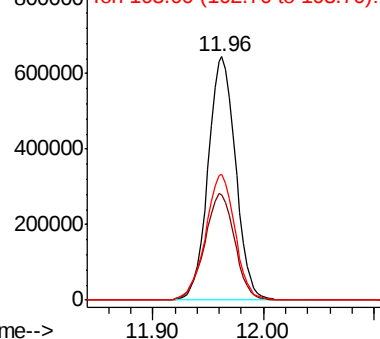


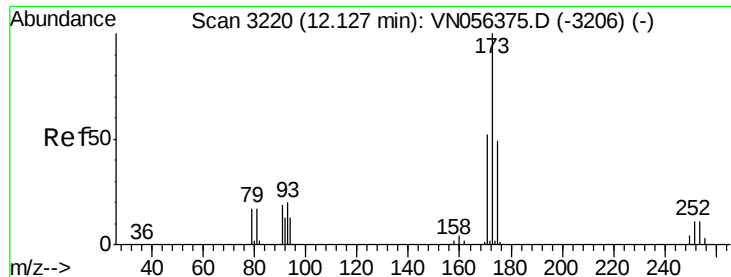
#70
Styrene
Concen: 107.804 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion:104 Resp: 1113774
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.4 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

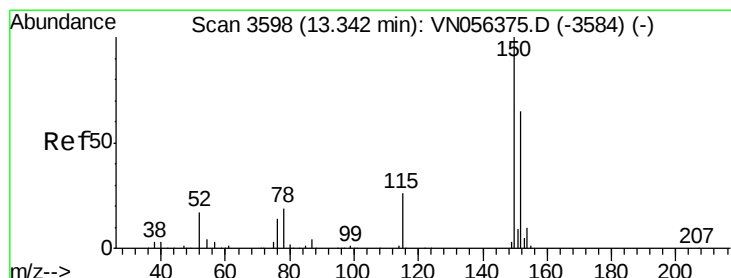
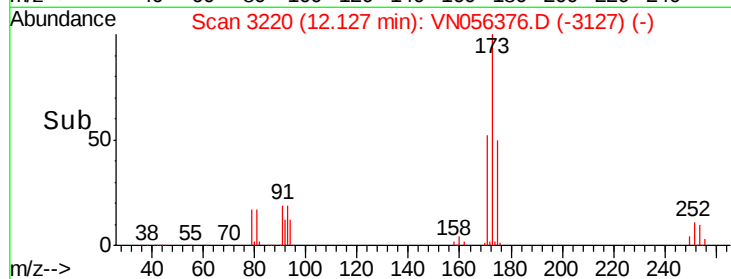
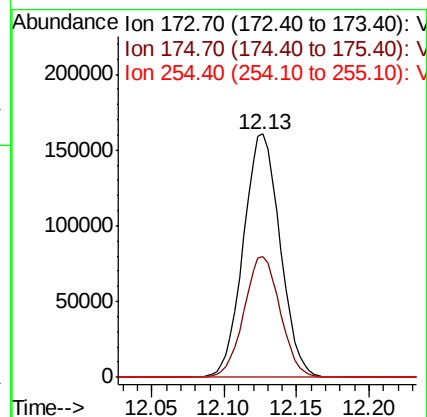
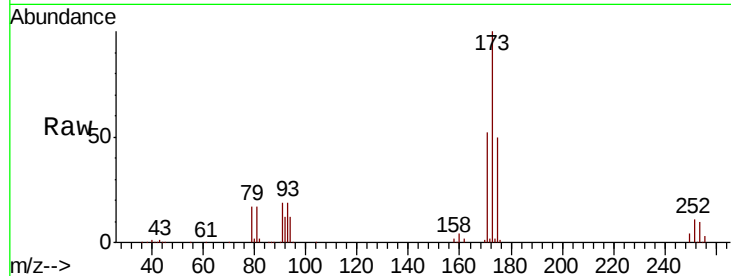




#71
Bromoform
Concen: 98.569 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

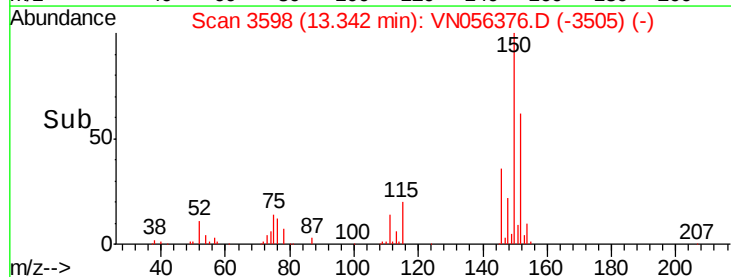
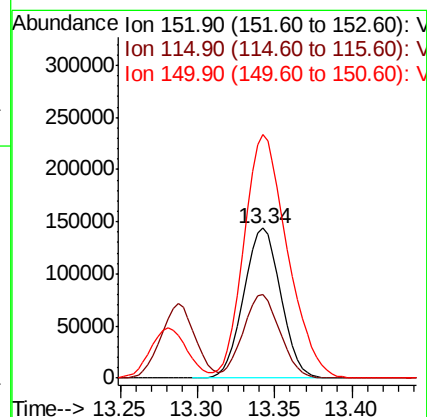
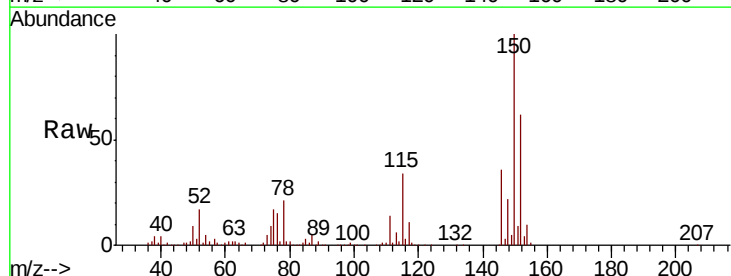
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

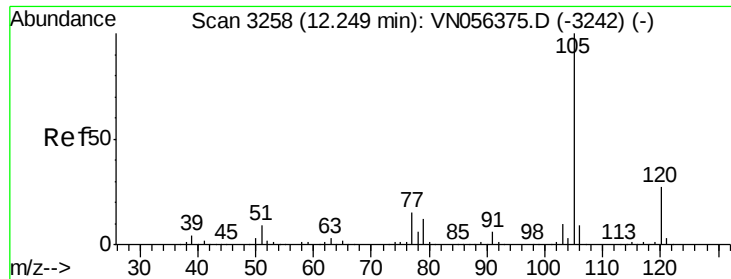
Tot Ion:173 Resp: 283112
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion:152 Resp: 240057
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.4
150 189.2 0.0 348.4





#73

Isopropylbenzene

Concen: 83.528 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

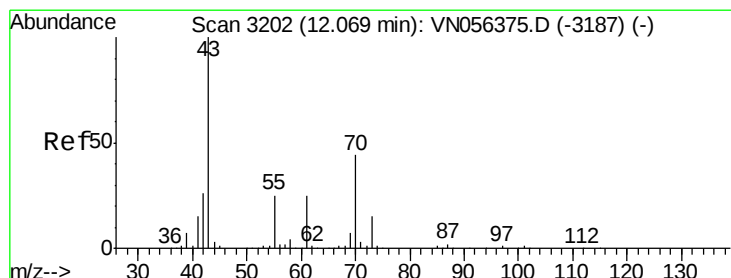
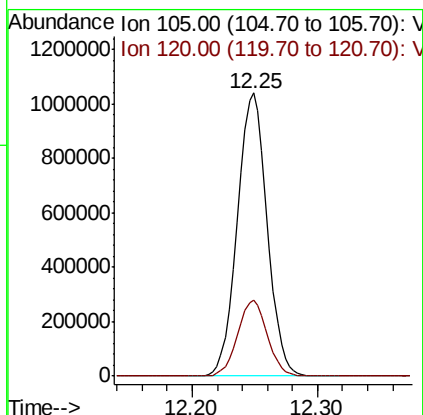
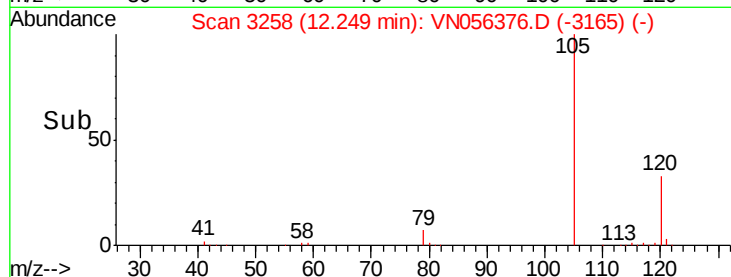
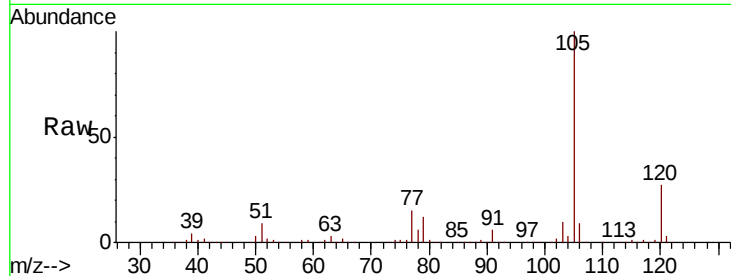
VSTDIC100

Tot Ion:105 Resp: 1711507

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 88.890 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Tgt Ion: 43 Resp: 669660

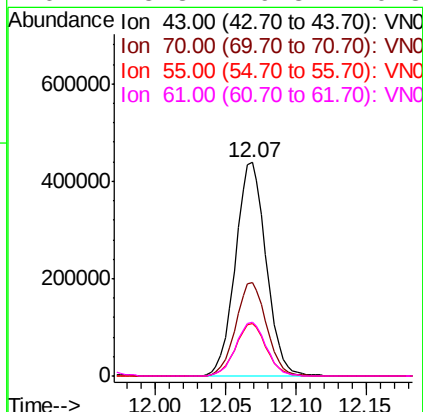
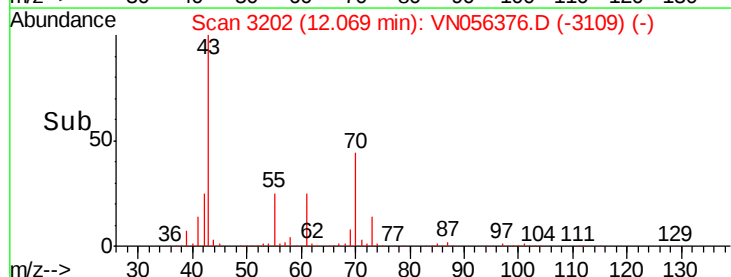
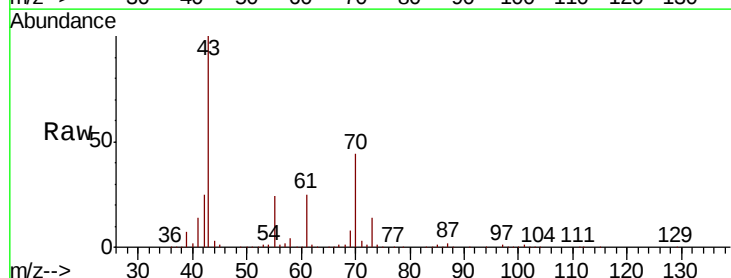
Ion Ratio Lower Upper

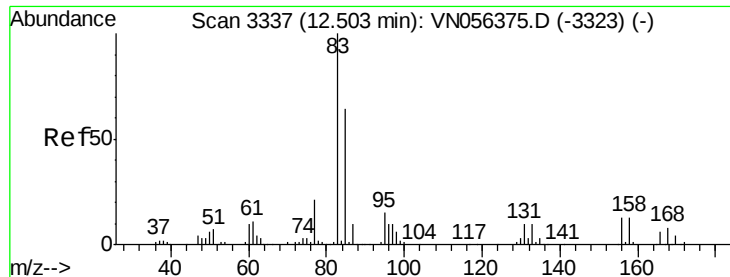
43 100

70 43.9 34.9 52.3

55 24.8 20.4 30.6

61 25.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 80.559 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

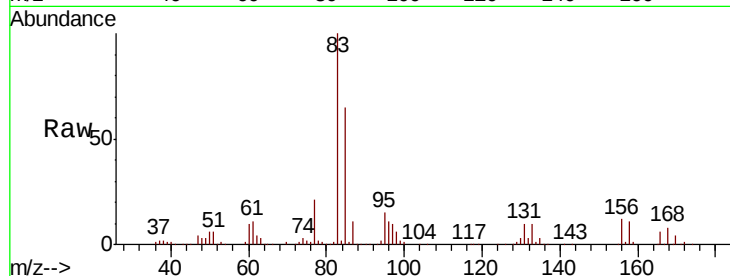
Tot Ion: 83 Resp: 539208

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

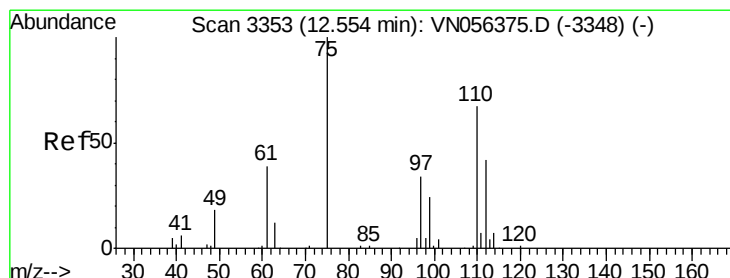
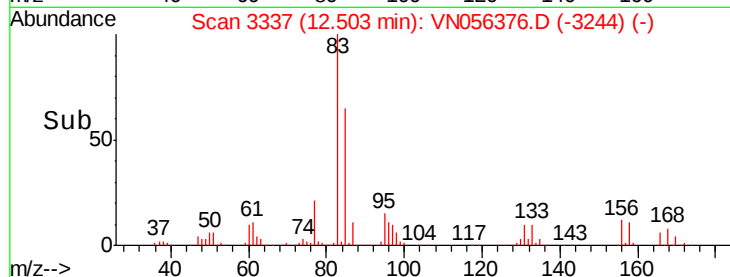
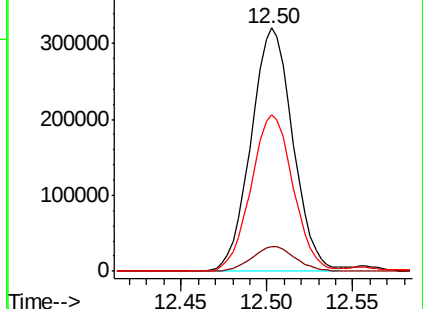
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056376.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056376.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056376.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 128.706 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN056376.D

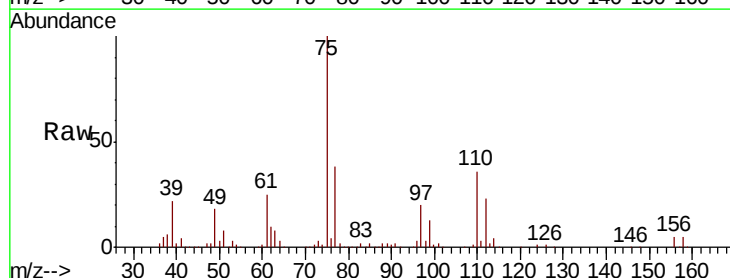
Acq: 19 Jun 2019 10:26

Tgt Ion: 75 Resp: 654629

Ion Ratio Lower Upper

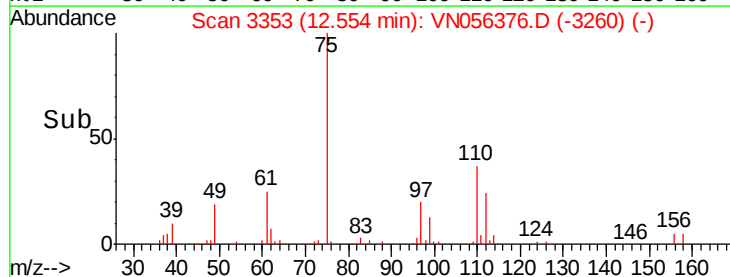
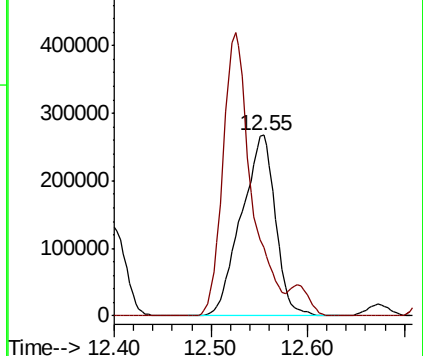
75 100

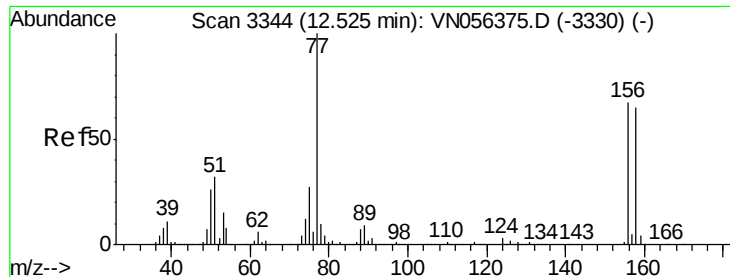
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056376.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN056376.D (-3353) (-)





#77

Bromobenzene

Concen: 85.720 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

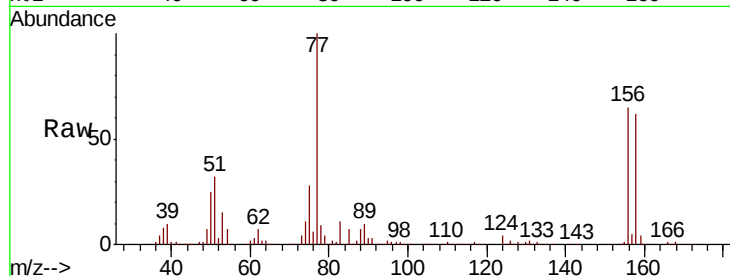
Tot Ion:156 Resp: 462645

Ion Ratio Lower Upper

156 100

77 186.9 92.5 277.3

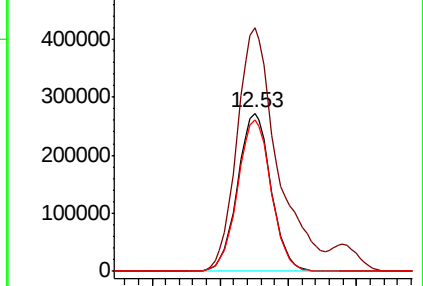
158 96.2 48.7 146.1



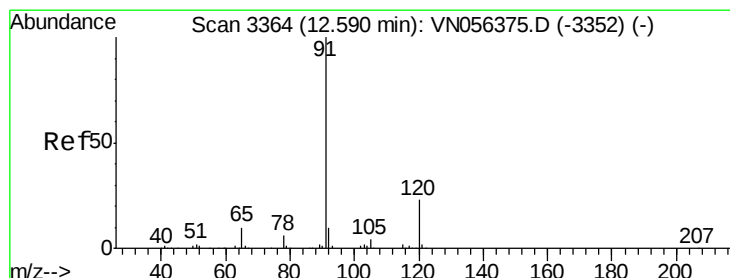
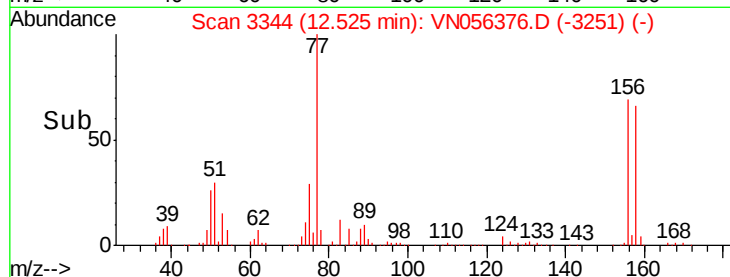
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 90.461 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056376.D

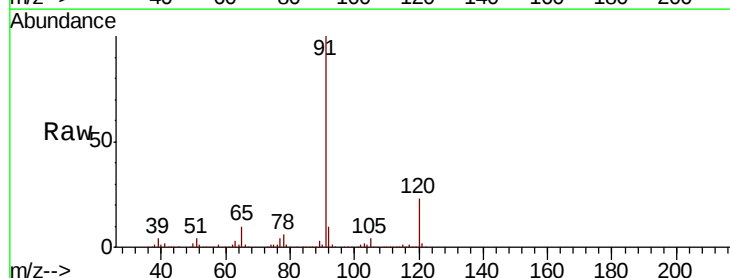
Acq: 19 Jun 2019 10:26

Tgt Ion: 91 Resp: 1938220

Ion Ratio Lower Upper

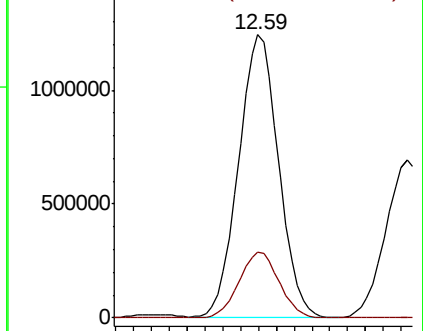
91 100

120 23.4 11.8 35.4

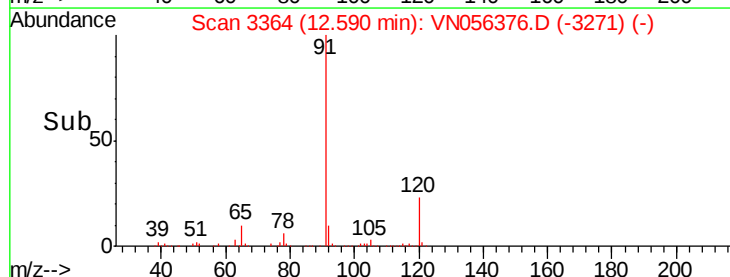


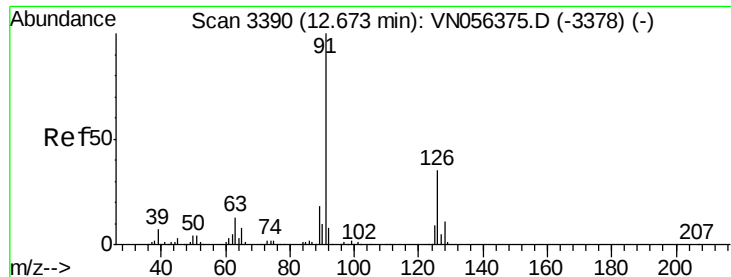
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 84.425 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

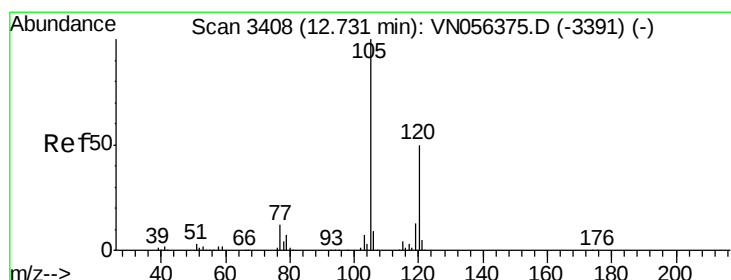
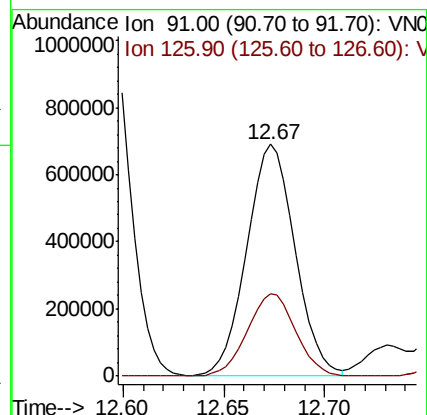
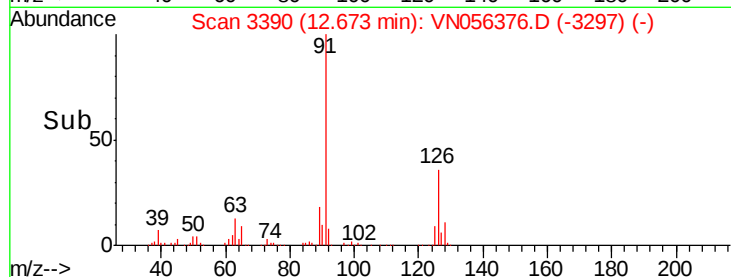
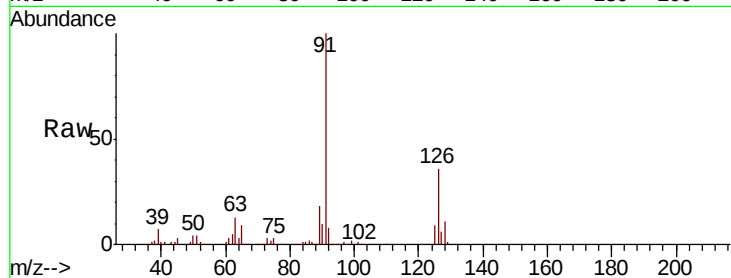
VSTDIC100

Tot Ion: 91 Resp: 1152708

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 86.976 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056376.D

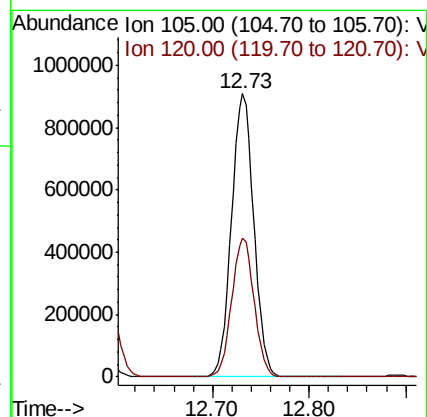
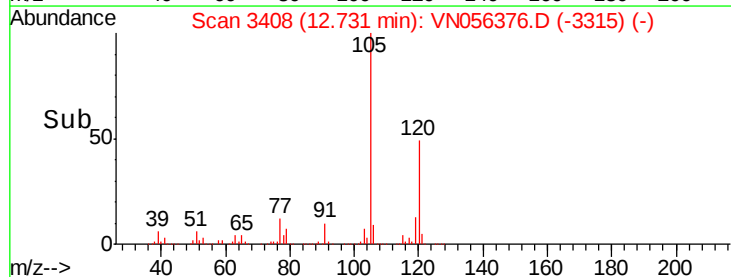
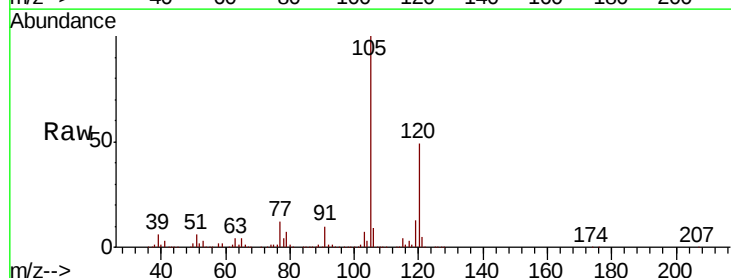
Acq: 19 Jun 2019 10:26

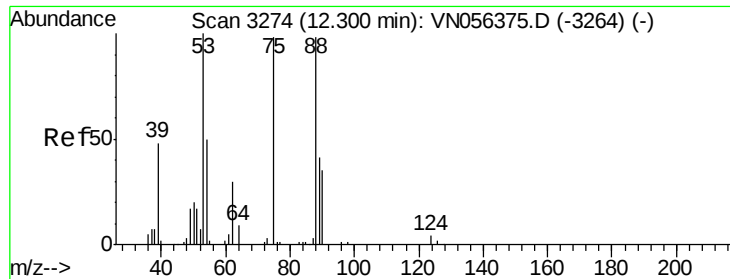
Tgt Ion:105 Resp: 1449924

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 94.643 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

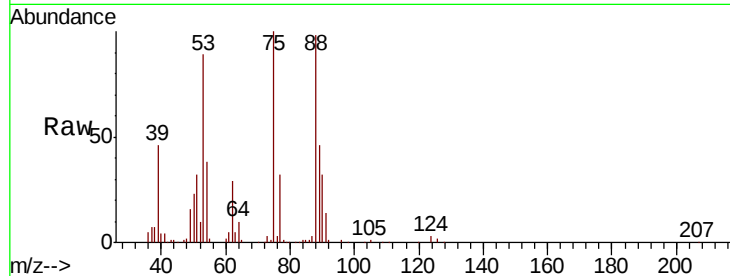
Tot Ion: 75 Resp: 151104

Ion Ratio Lower Upper

75 100

53 91.1 83.9 125.9

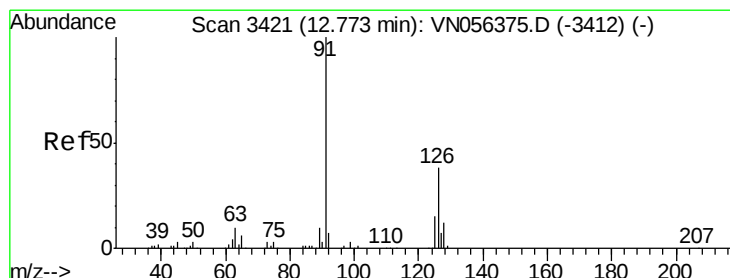
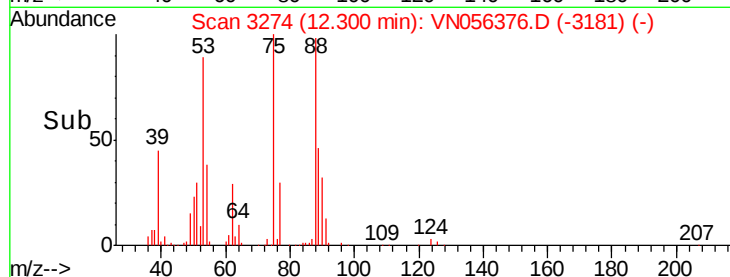
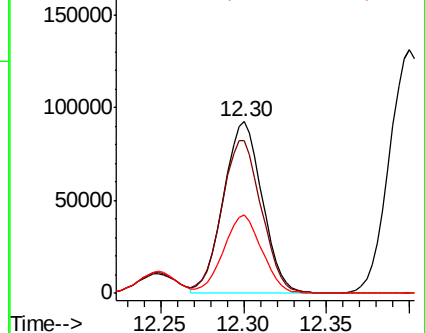
89 44.9 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 92.019 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056376.D

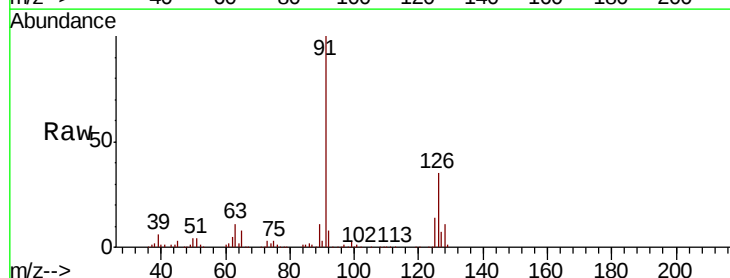
Acq: 19 Jun 2019 10:26

Tgt Ion: 91 Resp: 1159173

Ion Ratio Lower Upper

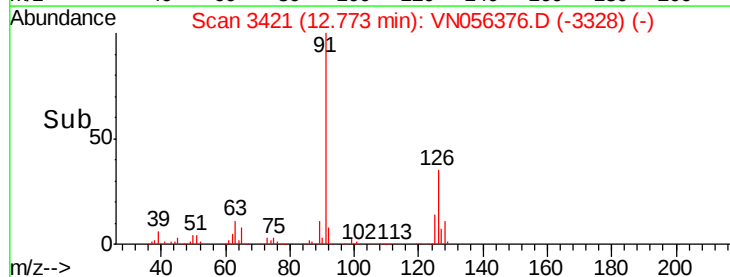
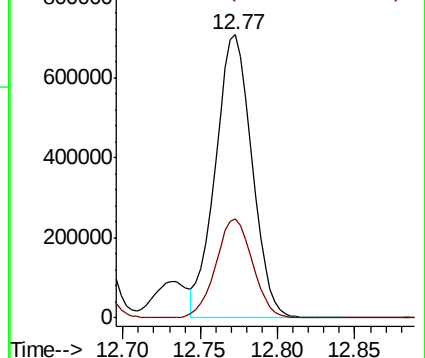
91 100

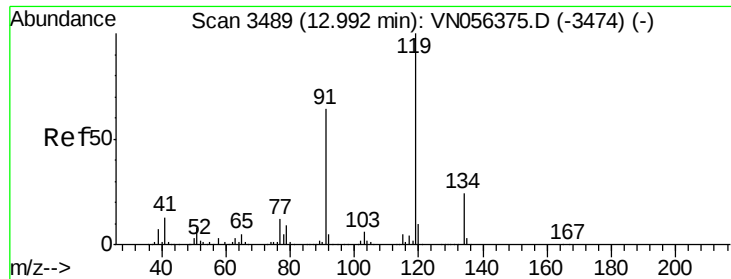
126 35.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

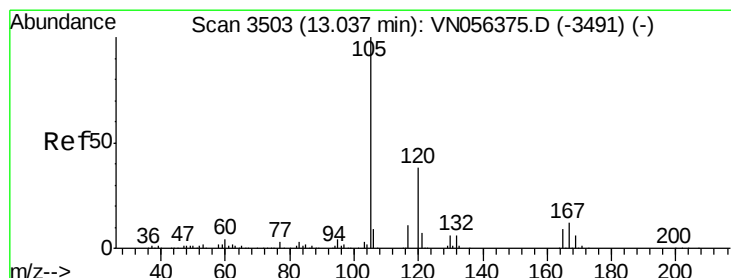
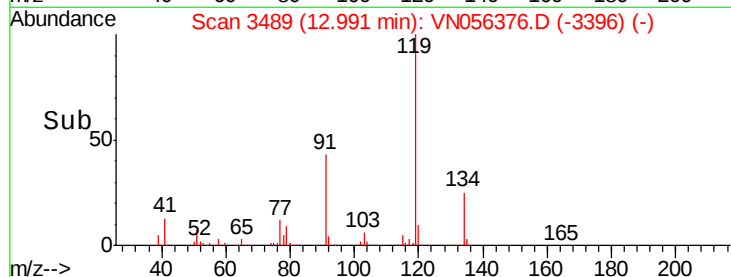
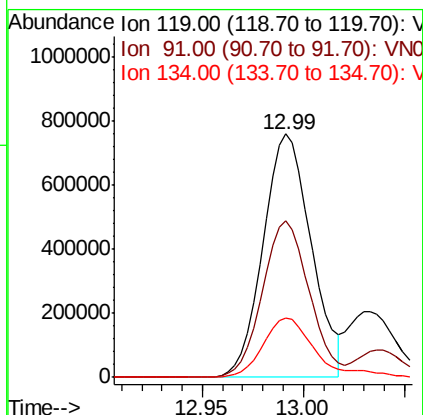
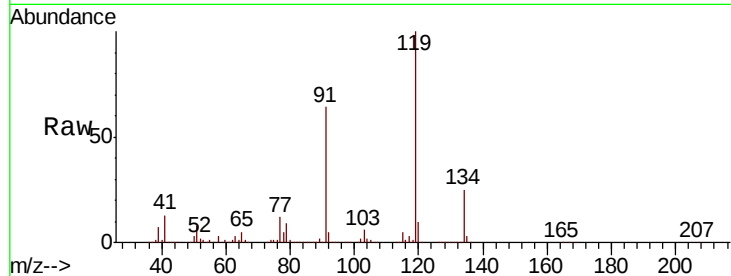




#83
tert-Butylbenzene
Concen: 84.061 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

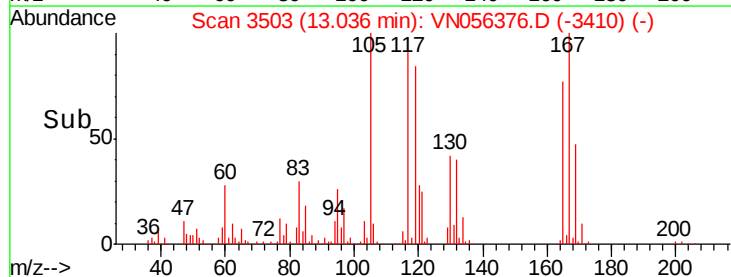
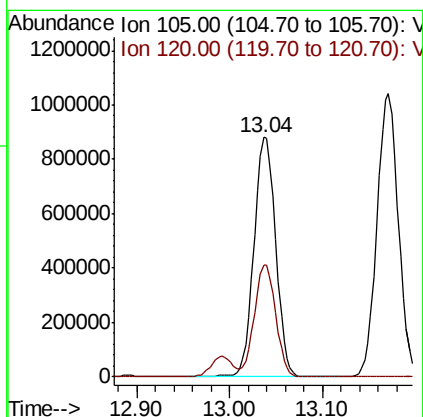
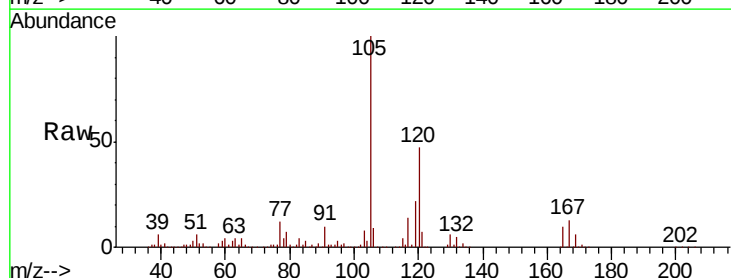
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

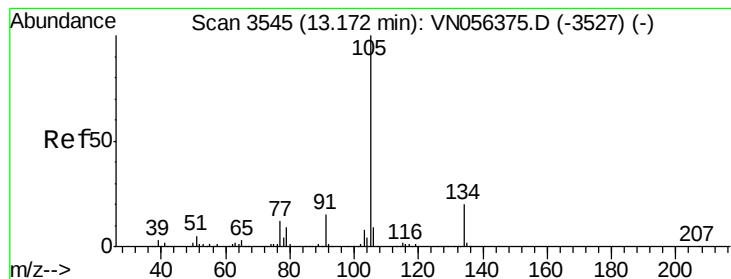
Tot Ion:119 Resp: 1257920
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.7
134 26.6 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 92.317 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056376.D
Acq: 19 Jun 2019 10:26

Tgt Ion:105 Resp: 1434476
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 88.188 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampled :

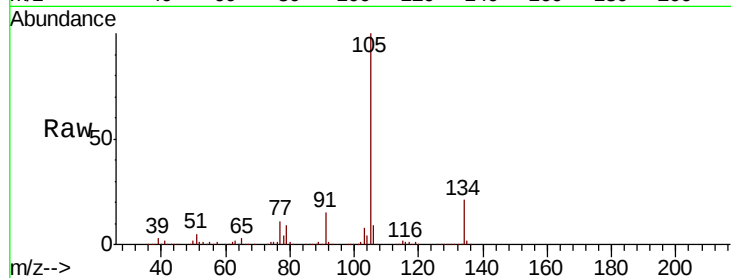
VSTDIC100

Tot Ion:105 Resp: 1660043

Ion Ratio Lower Upper

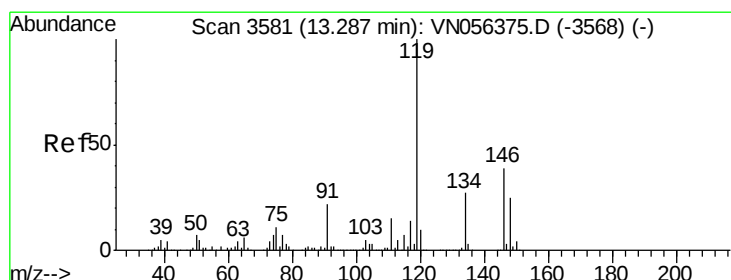
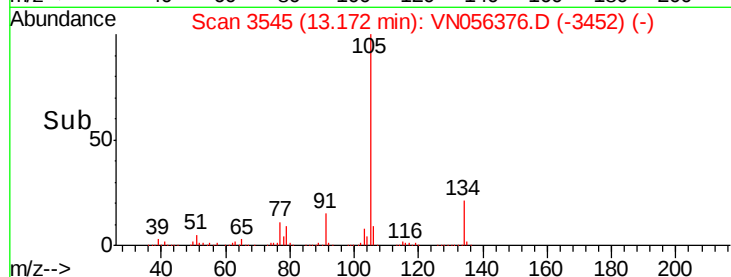
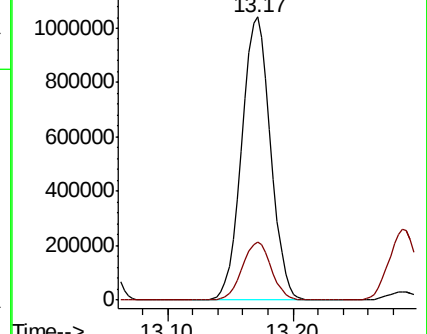
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 93.678 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

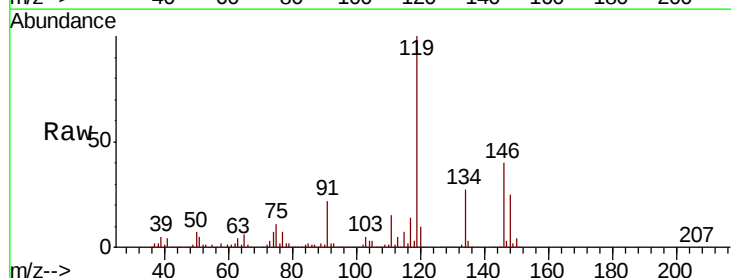
Tgt Ion:119 Resp: 1508563

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

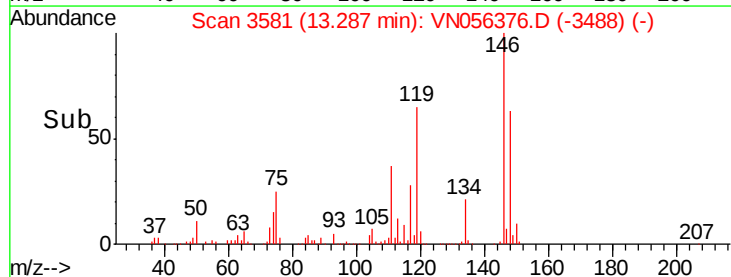
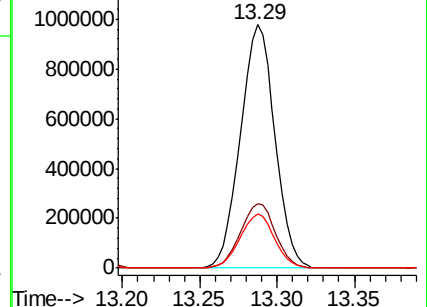
91 22.1 11.2 33.5

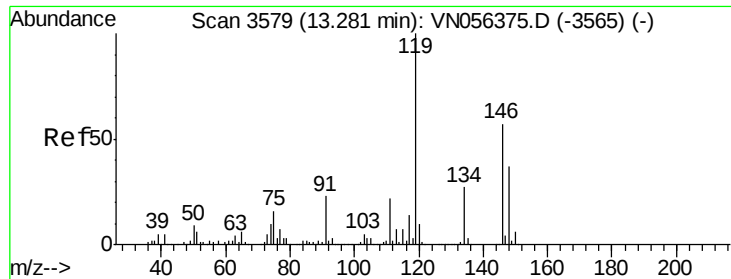


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

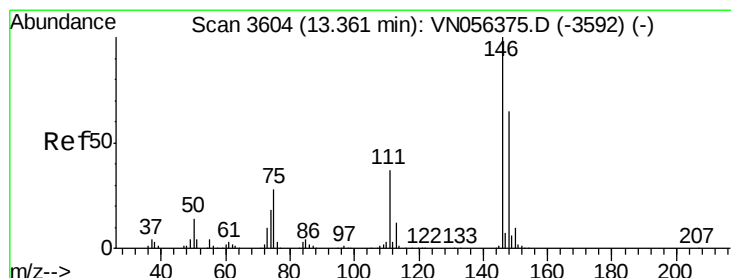
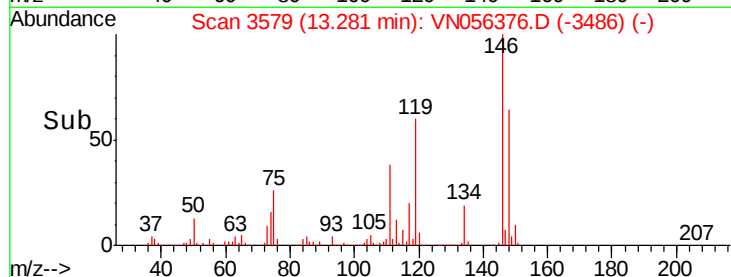
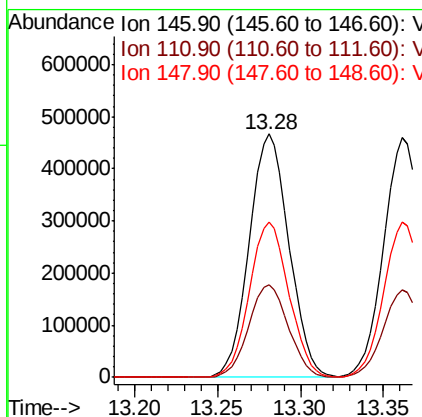
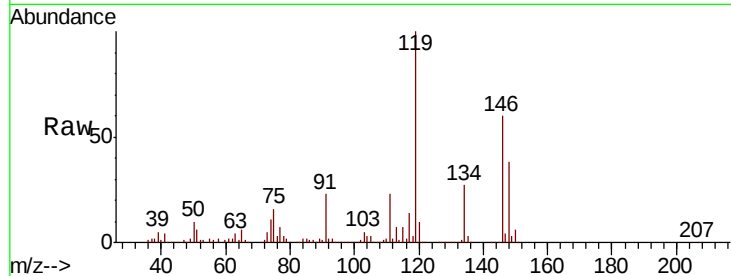




#87
 1,3-Dichlorobenzene
 Concen: 95.576 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

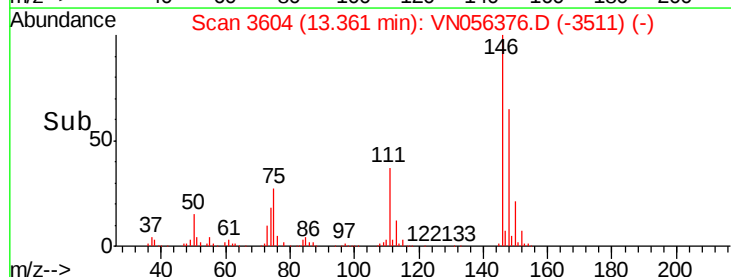
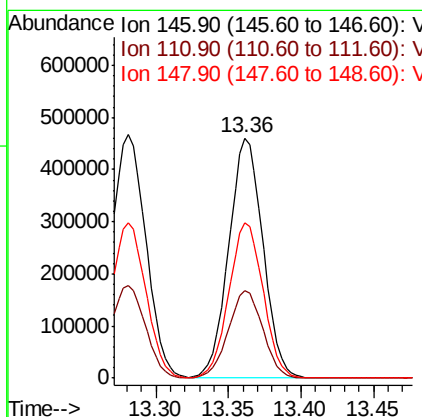
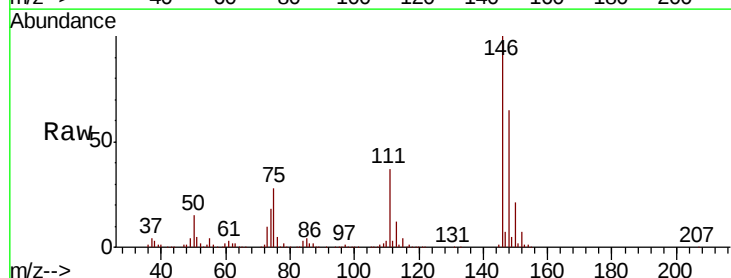
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

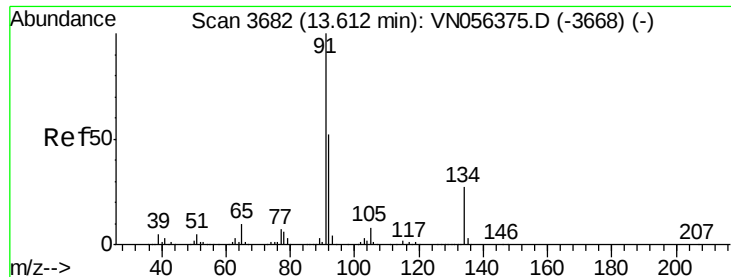
Tot Ion:146 Resp: 777679
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 96.271 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion:146 Resp: 751377
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.4
 148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 103.983 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

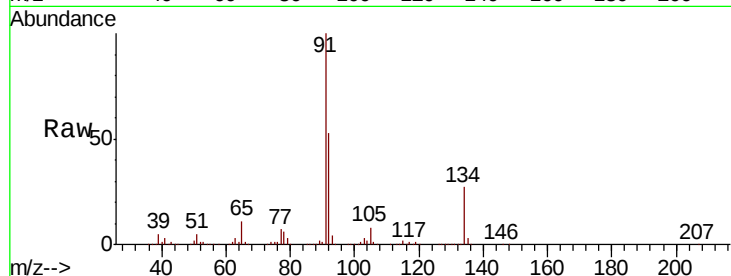
Tot Ion: 91 Resp: 1253781

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

134 26.7 13.4 40.2

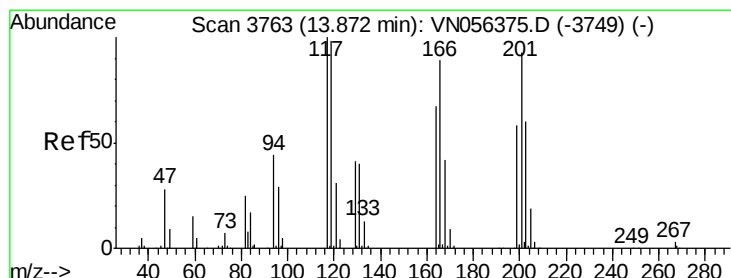
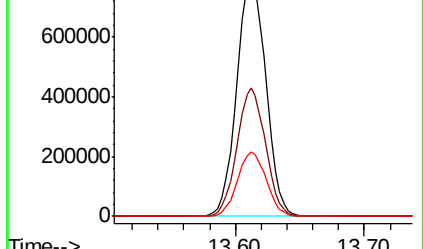
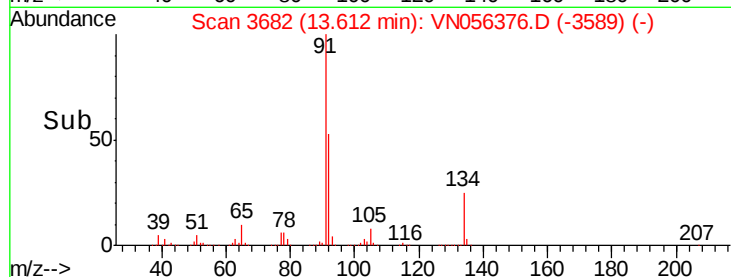


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 78.376 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056376.D

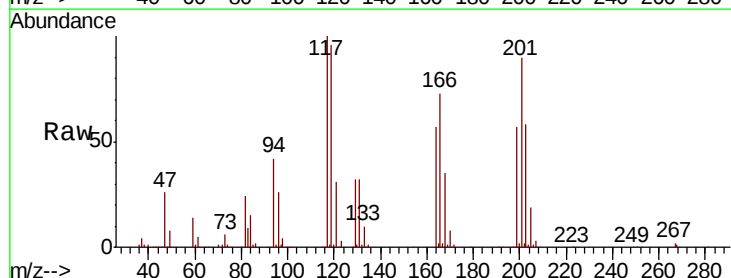
Acq: 19 Jun 2019 10:26

Tgt Ion: 117 Resp: 241681

Ion Ratio Lower Upper

117 100

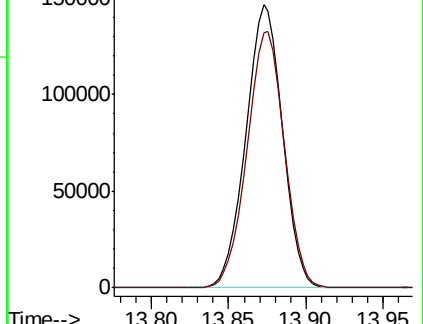
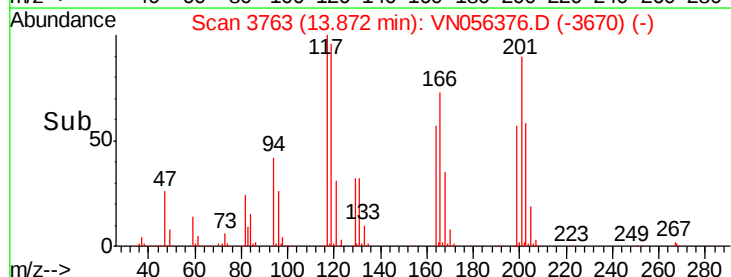
201 92.2 45.9 137.6

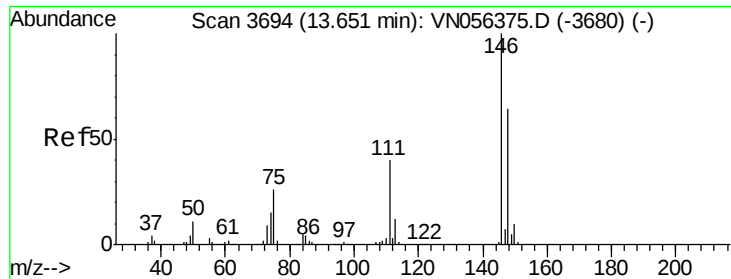


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 94.640 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

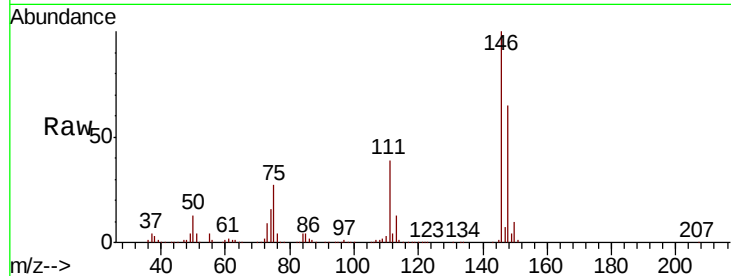
Tot Ion:146 Resp: 755698

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

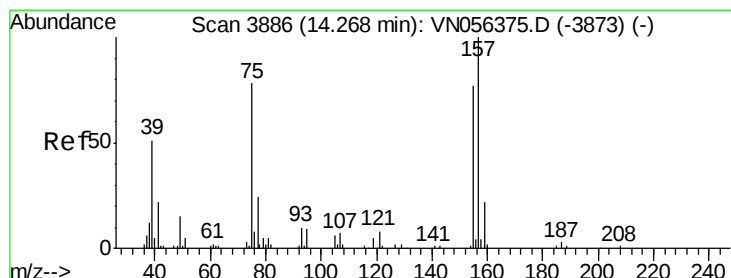
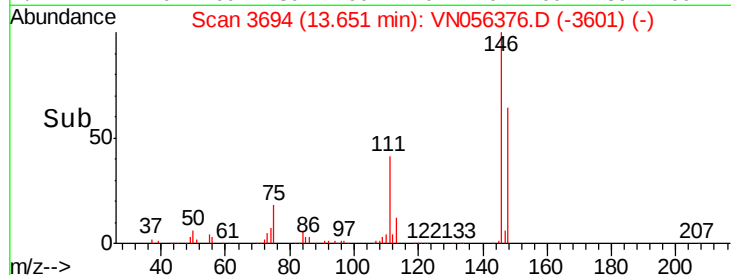
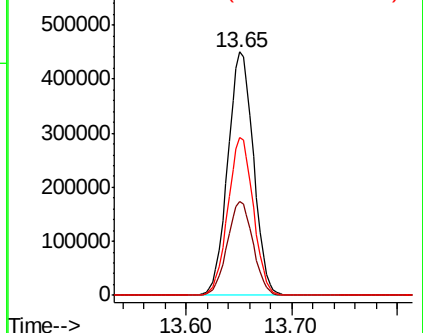
148 64.2 32.0 96.0



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: 91.740 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

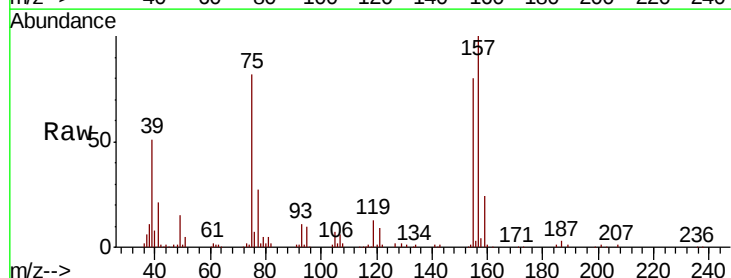
Tgt Ion: 75 Resp: 93774

Ion Ratio Lower Upper

75 100

155 96.7 48.9 146.8

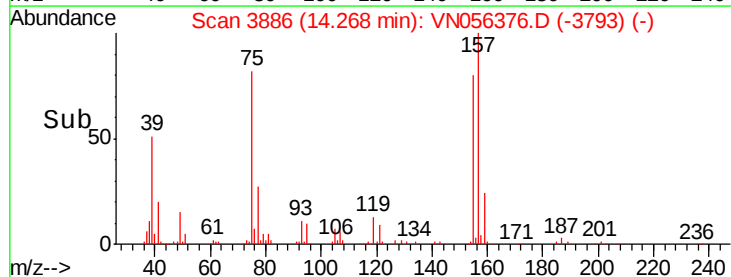
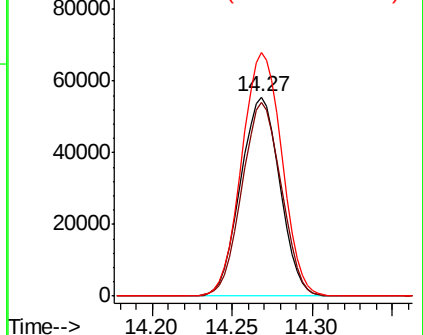
157 124.5 62.9 188.8

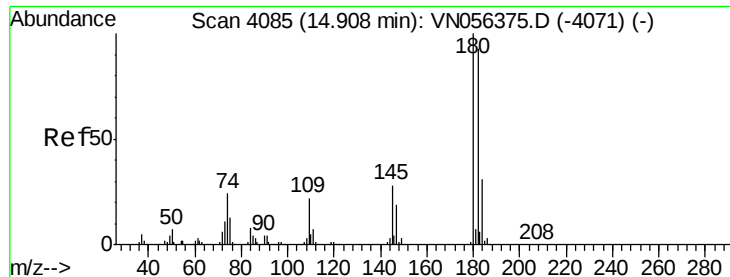


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

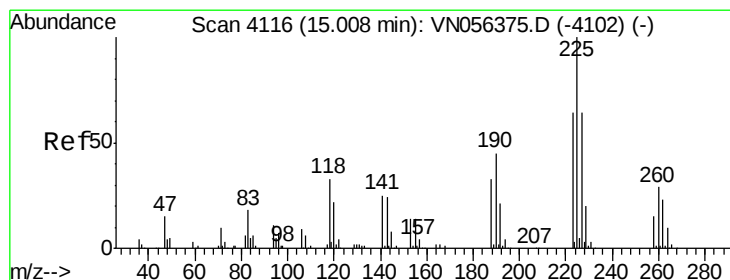
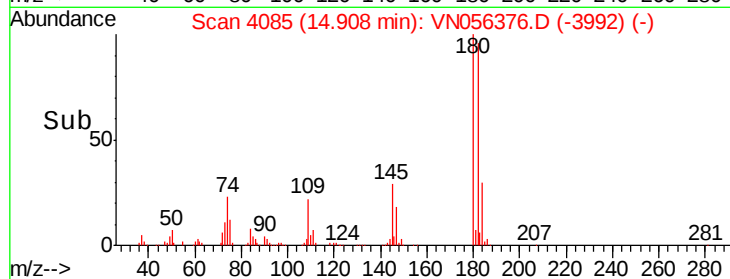
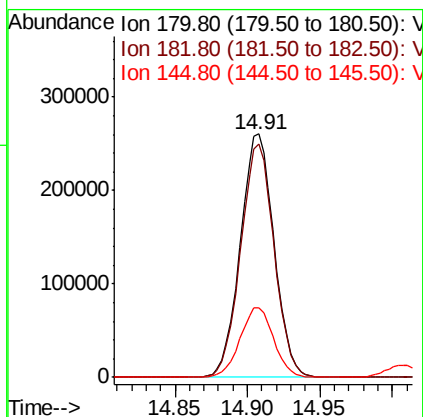
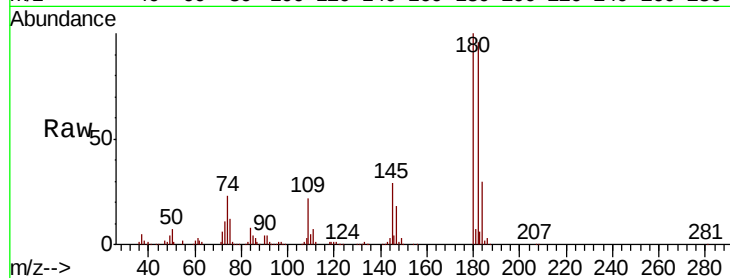




#93
 1,2,4-Trichlorobenzene
 Concen: 124.989 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

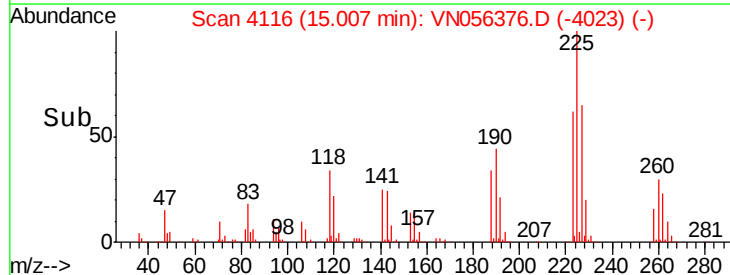
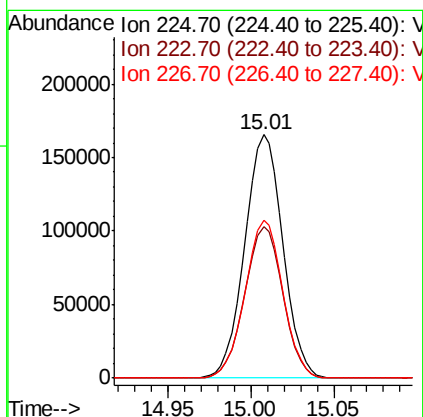
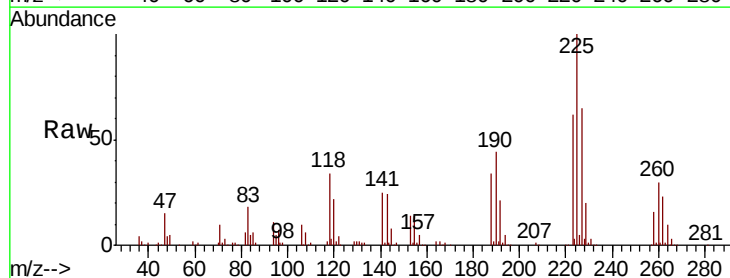
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

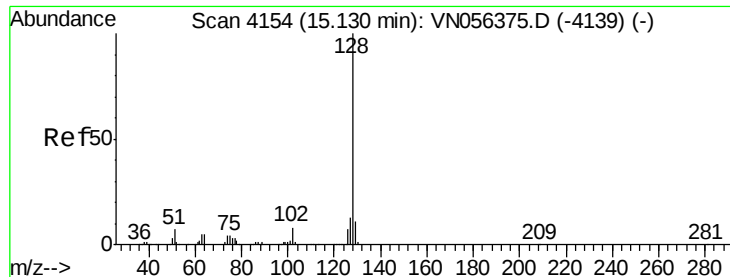
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.6
145	28.5	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 83.038 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056376.D
 Acq: 19 Jun 2019 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.3
227	64.3	32.1	96.3





#95

Naphthalene

Concen: 119.707 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

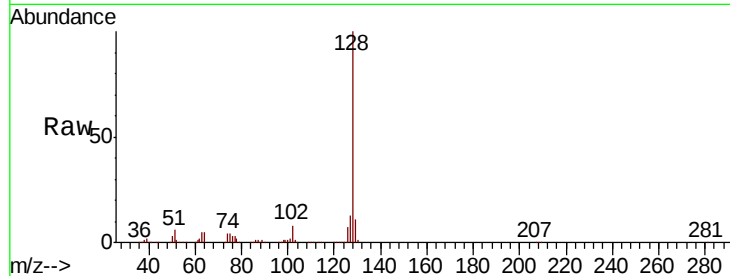
Tot Ion:128 Resp: 1084492

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

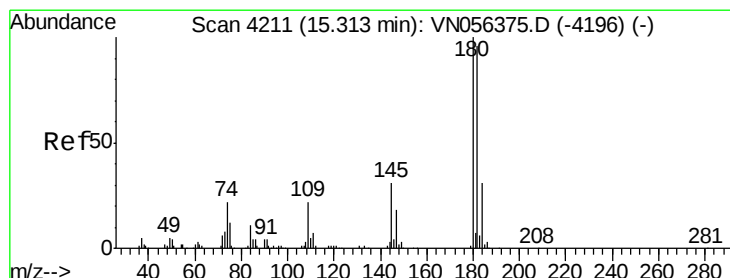
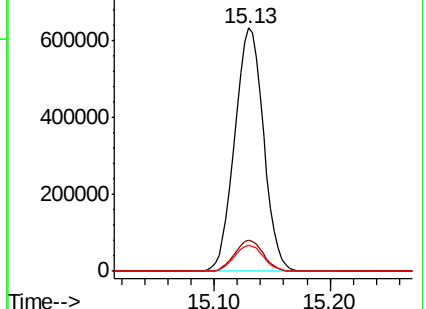
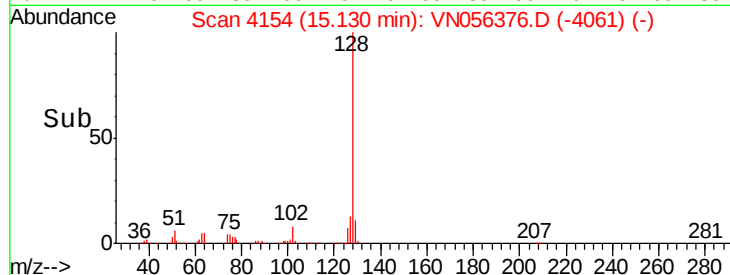
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 119.158 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056376.D

Acq: 19 Jun 2019 10:26

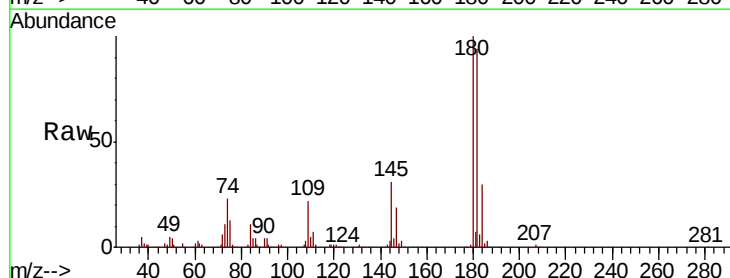
Tgt Ion:180 Resp: 431485

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.8

145 30.4 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

