

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056377.D
 Acq On : 19 Jun 2019 10:49
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 20 04:14:20 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	357905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	552357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	577304	143.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.10%	
35) Dibromofluoromethane	7.59	113	511155	145.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.84%	
50) Toluene-d8	10.09	98	1982359	147.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.40%	
62) 4-Bromofluorobenzene	12.40	95	699497	156.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	464094	149.543	ug/l	98
3) Chloromethane	2.06	50	596358	142.918	ug/l	100
4) Vinyl Chloride	2.18	62	596651	145.702	ug/l	99
5) Bromomethane	2.51	94	282679	119.354	ug/l	99
6) Chloroethane	2.66	64	309840	132.273	ug/l	99
7) Trichlorofluoromethane	2.99	101	750512	142.887	ug/l	100
8) Diethyl Ether	3.40	74	323338	153.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	481617	141.581	ug/l	100
10) Methyl Iodide	3.94	142	700405	159.430	ug/l	100
11) Tert butyl alcohol	4.80	59	506183	796.952	ug/l	99
12) 1,1-Dichloroethene	3.73	96	480230	145.889	ug/l	97
13) Acrolein	3.60	56	441442	1796.675	ug/l	99
14) Allyl chloride	4.31	41	839499	152.389	ug/l	98
15) Acrylonitrile	4.99	53	1413705	783.764	ug/l	100
16) Acetone	3.82	43	1408576	648.612	ug/l	100
17) Carbon Disulfide	4.04	76	1225006	142.628	ug/l	99
18) Methyl Acetate	4.32	43	581679	122.313	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1566634	154.986	ug/l	99
20) Methylene Chloride	4.54	84	553839	141.755	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	512351	146.502	ug/l	99
22) Diisopropyl ether	5.95	45	1659553	152.075	ug/l	93
23) Vinyl Acetate	5.89	43	7121792	803.758	ug/l	100
24) 1,1-Dichloroethane	5.84	63	949639	148.905	ug/l	99
25) 2-Butanone	6.84	43	2012981	754.162	ug/l	98
26) 2,2-Dichloropropane	6.82	77	687070	149.395	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	606309	149.187	ug/l	100
28) Bromochloromethane	7.19	49	438542	137.373	ug/l	99
29) Tetrahydrofuran	7.21	42	1239188	776.675	ug/l	100
30) Chloroform	7.37	83	929383	146.537	ug/l	100
31) Cyclohexane	7.65	56	886995	144.293	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	776462	148.257	ug/l	100
36) 1,1-Dichloropropene	7.79	75	720492	146.279	ug/l	99
37) Ethyl Acetate	6.93	43	743351	158.493	ug/l	98
38) Carbon Tetrachloride	7.77	117	664192	142.284	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056377.D
 Acq On : 19 Jun 2019 10:49
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 20 04:14:20 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)
39) Methylcyclohexane	9.08	83	916147	152.791	ug/l	100
40) Benzene	8.04	78	2191529	146.788	ug/l	98
41) Methacrylonitrile	7.18	41	320028	152.363	ug/l	97
42) 1,2-Dichloroethane	8.12	62	709939	145.153	ug/l	100
43) Isopropyl Acetate	8.16	43	1212079	161.825	ug/l	100
44) Trichloroethene	8.83	130	598621	147.148	ug/l	99
45) 1,2-Dichloropropane	9.12	63	594879	150.487	ug/l	100
46) Dibromomethane	9.21	93	378899	144.915	ug/l	99
47) Bromodichloromethane	9.40	83	727077	146.801	ug/l	99
48) Methyl methacrylate	9.20	41	592445	157.900	ug/l	98
49) 1,4-Dioxane	9.20	88	232707	3082.885	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	3617380	759.063	ug/l	99
52) Toluene	10.16	92	1376285	151.367	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	820649	165.985	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	913831	159.556	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	556840	148.385	ug/l	99
56) Ethyl methacrylate	10.43	69	884775	164.232	ug/l	98
57) 1,3-Dichloropropane	10.71	76	938407	148.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1687721	947.807	ug/l	100
59) 2-Hexanone	10.75	43	2650002	751.007	ug/l	99
60) Dibromochloromethane	10.90	129	590988	152.751	ug/l	99
61) 1,2-Dibromoethane	11.00	107	590565	153.371	ug/l	99
64) Tetrachloroethene	10.63	164	556767	136.717	ug/l	100
65) Chlorobenzene	11.43	112	1507637	148.700	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	556522	147.974	ug/l	100
67) Ethyl Benzene	11.51	91	2653045	152.144	ug/l	100
68) m/p-Xylenes	11.62	106	1990788	307.304	ug/l	99
69) o-Xylene	11.95	106	966749	151.411	ug/l	100
70) Styrene	11.96	104	1661855	161.306	ug/l	99
71) Bromoform	12.13	173	436355	152.350	ug/l #	99
73) Isopropylbenzene	12.25	105	2540037	127.886	ug/l	100
74) N-amyl acetate	12.07	43	988721	135.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	774643	119.395	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	956618	194.031	ug/l #	100
77) Bromobenzene	12.53	156	672421	128.529	ug/l	98
78) n-propylbenzene	12.59	91	2872415	138.303	ug/l	100
79) 2-Chlorotoluene	12.67	91	1697088	128.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2136810	132.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	231487	149.578	ug/l	89
82) 4-Chlorotoluene	12.77	91	1707948	139.873	ug/l	99
83) tert-Butylbenzene	12.99	119	1847019	127.333	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2124267	141.035	ug/l	100
85) sec-Butylbenzene	13.17	105	2435620	133.483	ug/l	100
86) p-Isopropyltoluene	13.29	119	2232904	143.045	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1136129	144.048	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1117808	147.753	ug/l	99
89) n-Butylbenzene	13.61	91	1887519	161.495	ug/l	99
90) Hexachloroethane	13.87	117	365813	122.385	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1108788	143.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	145408	146.755	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
Data File : VN056377.D
Acq On : 19 Jun 2019 10:49
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 20 04:14:20 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

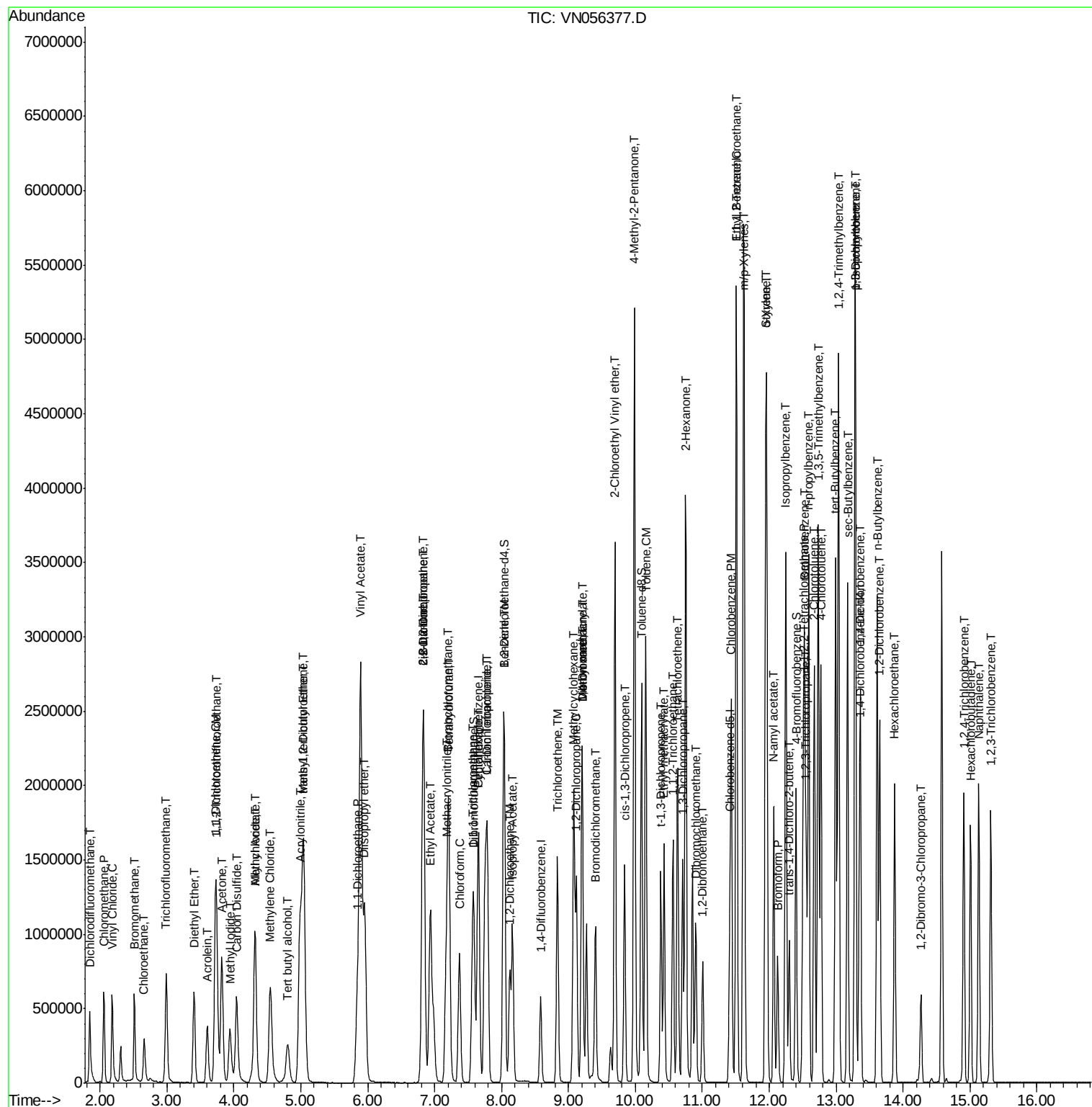
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	689795	211.670	ug/l	98
94) Hexachlorobutadiene	15.01	225	388516	125.614	ug/l	100
95) Naphthalene	15.13	128	1795078	204.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	698512	199.003	ug/l	99

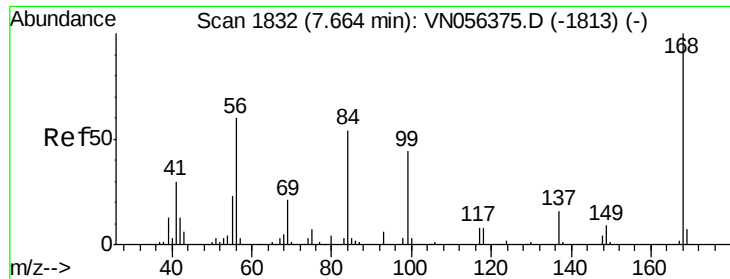
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061919\
Data File : VN056377.D
Acq On : 19 Jun 2019 10:49
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 20 04:14:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:07:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

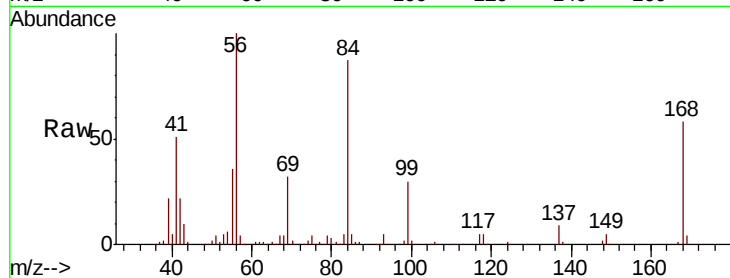
VSTDIC150

Tot Ion:168 Resp: 357905

Ion Ratio Lower Upper

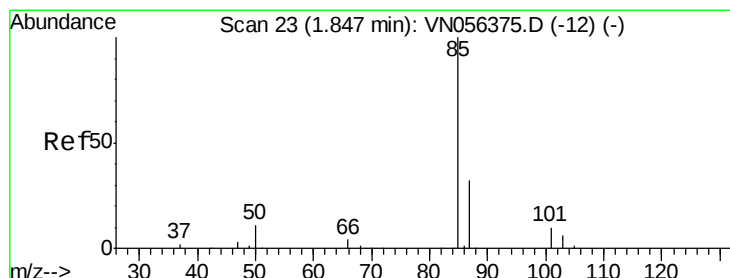
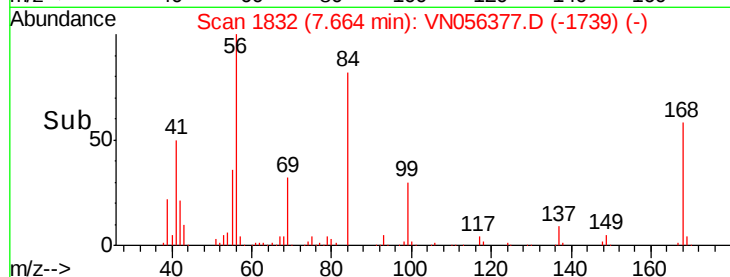
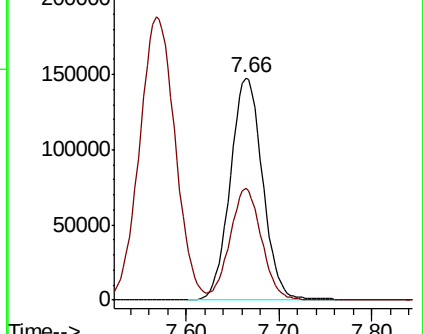
168 100

99 50.3 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: 149.543 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056377.D

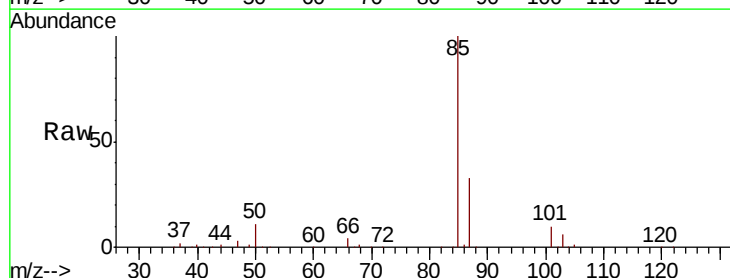
Acq: 19 Jun 2019 10:49

Tgt Ion: 85 Resp: 464094

Ion Ratio Lower Upper

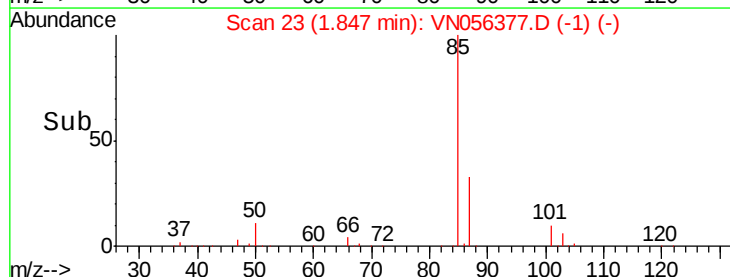
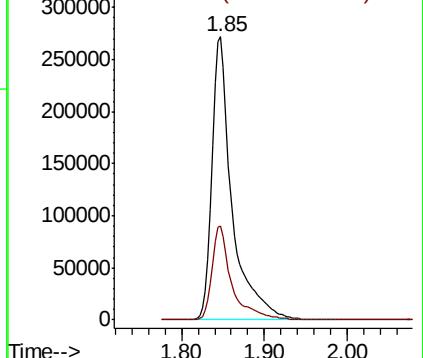
85 100

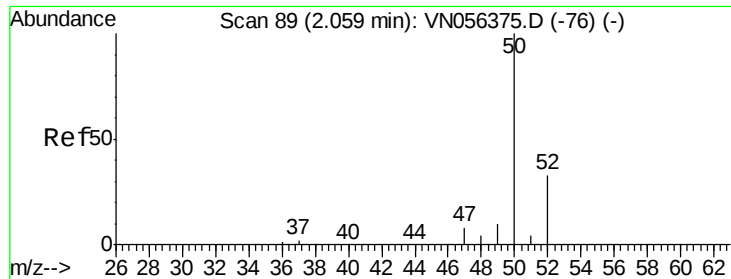
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 142.918 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

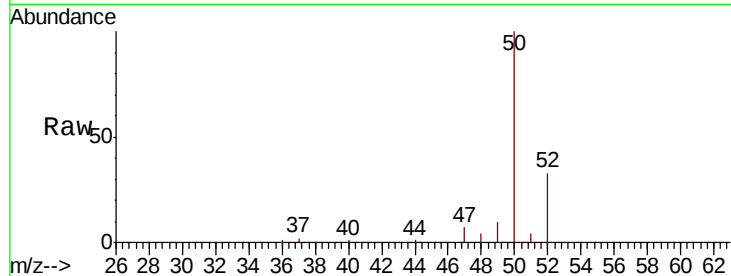
VSTDIC150

Tot Ion: 50 Resp: 596358

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

400000

300000

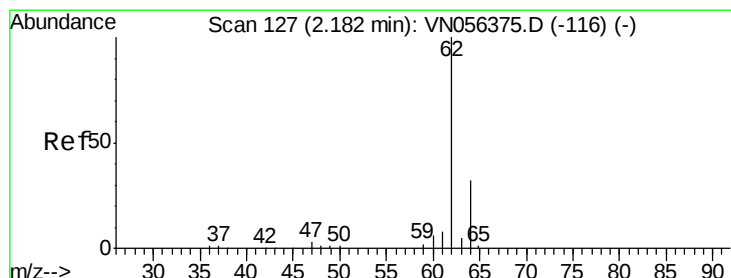
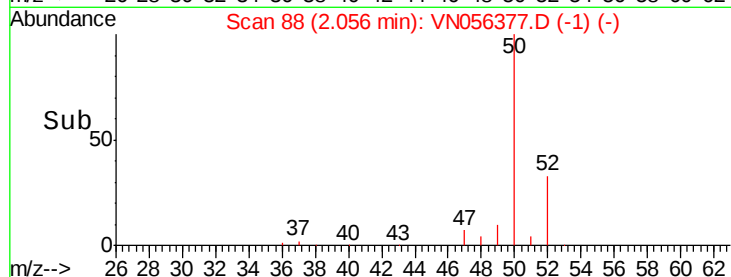
200000

100000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 145.702 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056377.D

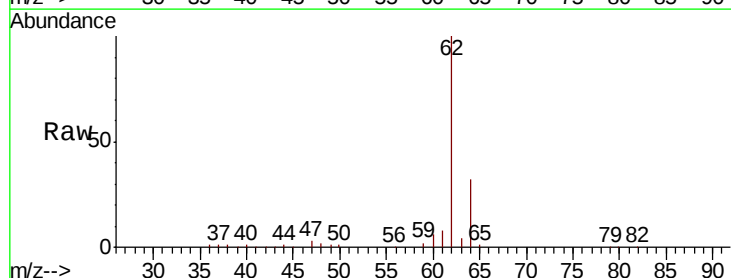
Acq: 19 Jun 2019 10:49

Tgt Ion: 62 Resp: 596651

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

400000

300000

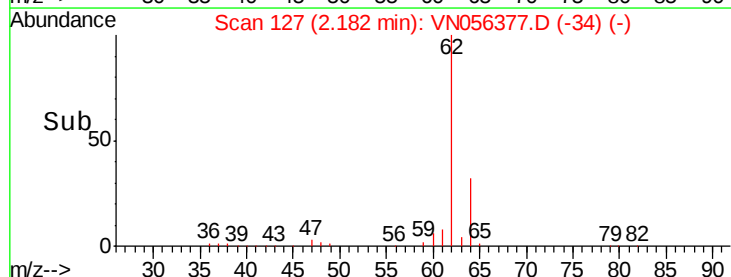
200000

100000

0

Time-->

2.10 2.20 2.30

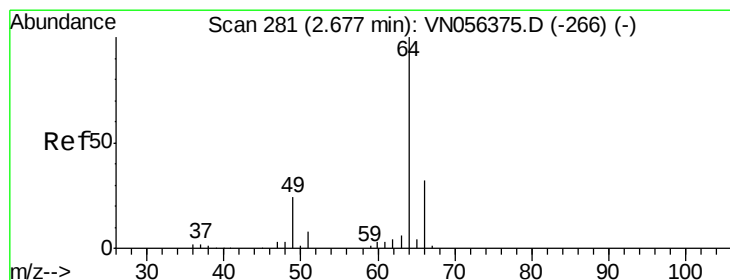
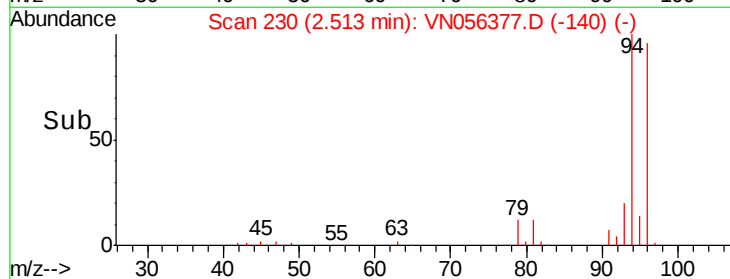
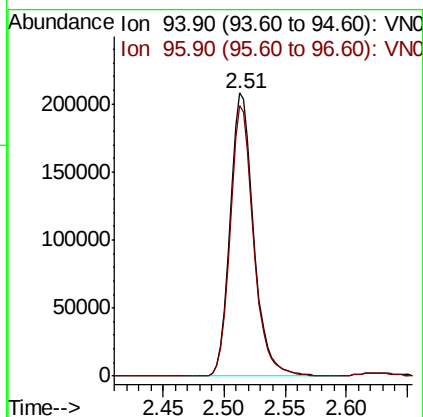
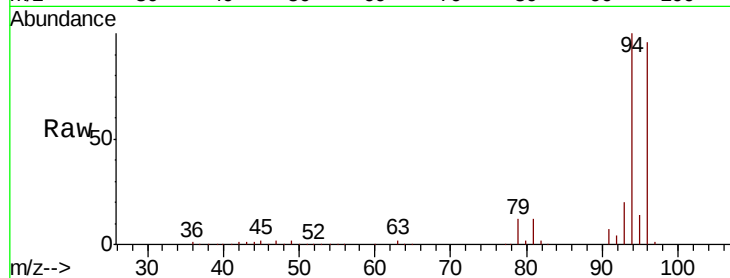




#5
Bromomethane
Concen: 119.354 ug/l
RT: 2.51 min Scan# 230
Delta R.T. -0.01 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

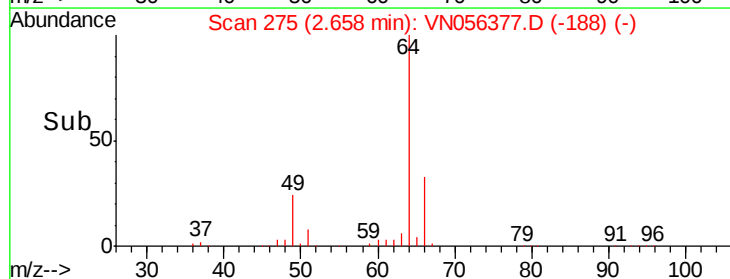
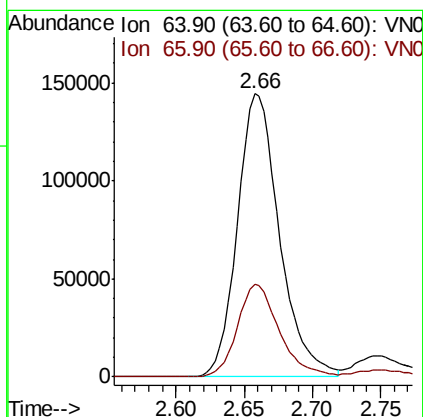
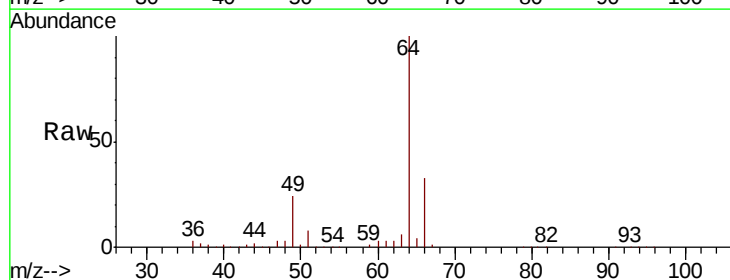
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

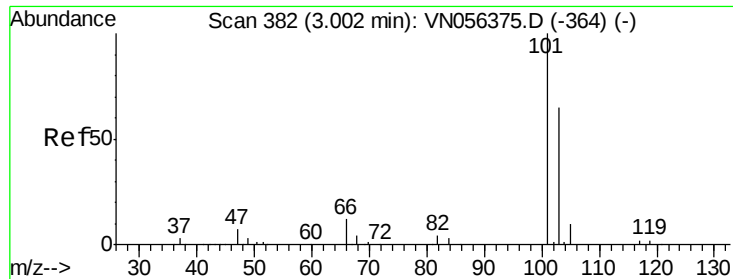
Tot Ion: 94 Resp: 282679
Ion Ratio Lower Upper
94 100
96 95.7 76.0 114.0



#6
Chloroethane
Concen: 132.273 ug/l
RT: 2.66 min Scan# 275
Delta R.T. -0.02 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 64 Resp: 309840
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.8



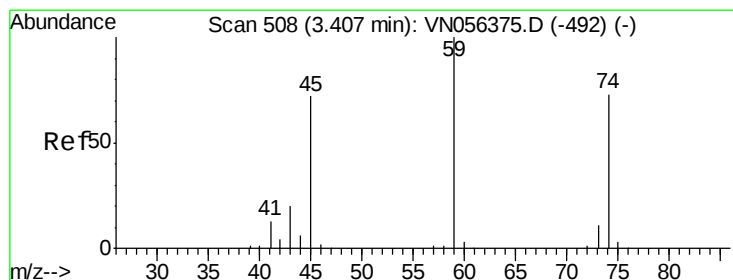
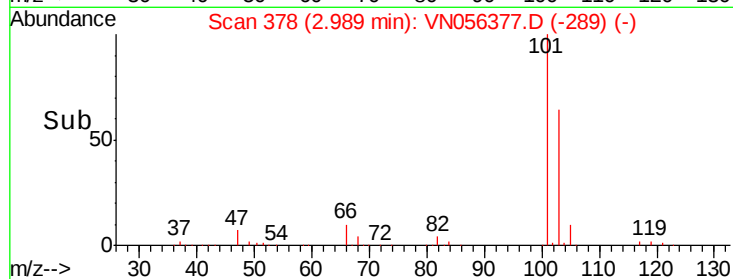
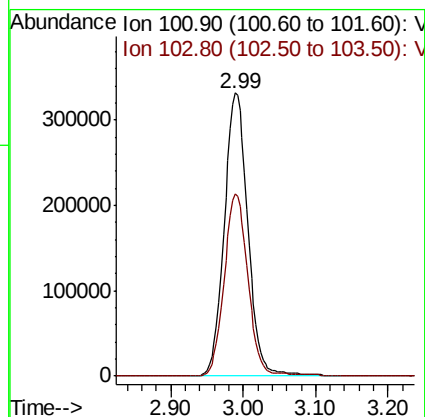
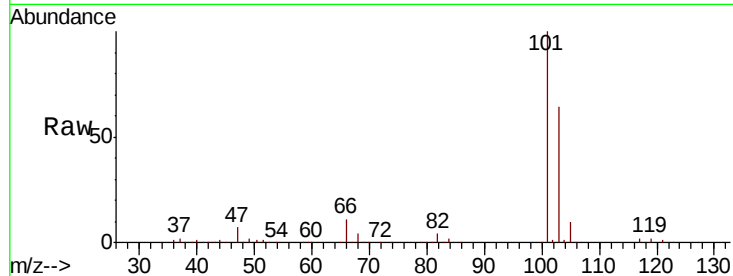


#7

Trichlorofluoromethane
 Concen: 142.887 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

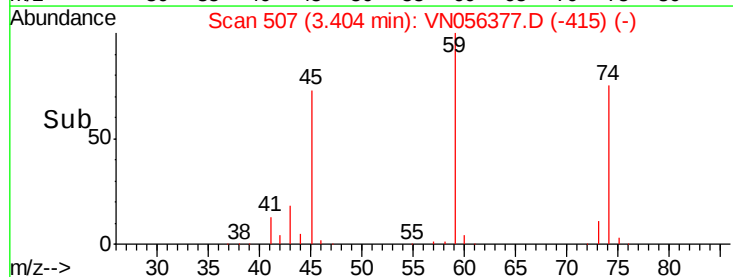
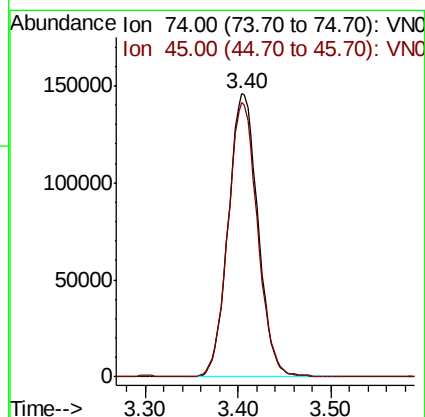
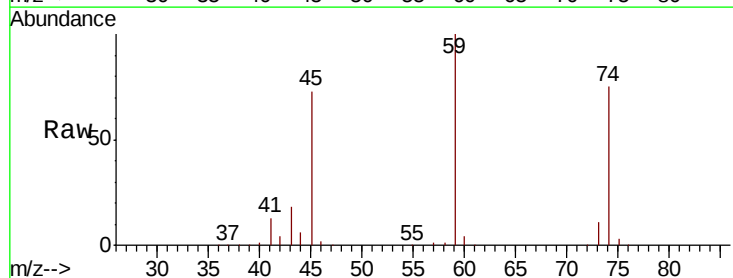
Tot Ion:101 Resp: 750512
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5

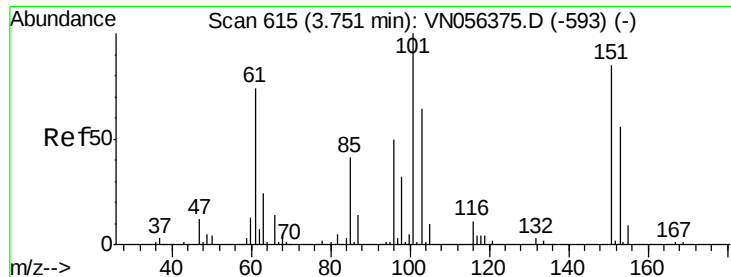


#8

Diethyl Ether
 Concen: 153.681 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 74 Resp: 323338
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.9 146.6

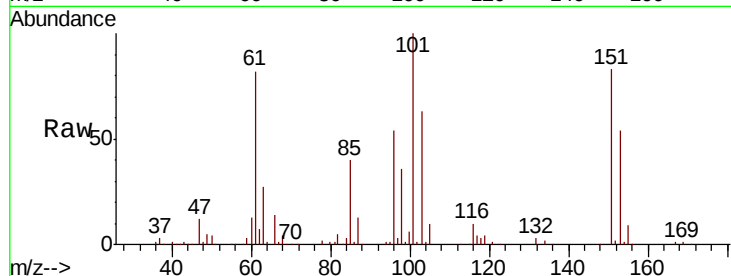




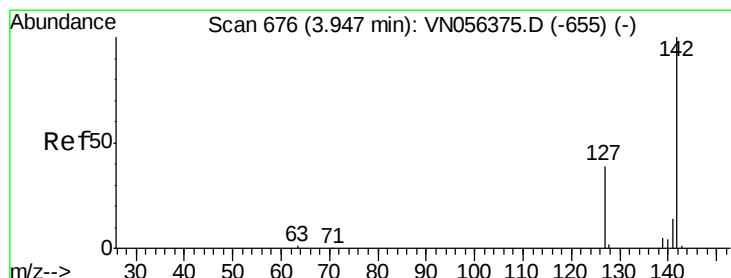
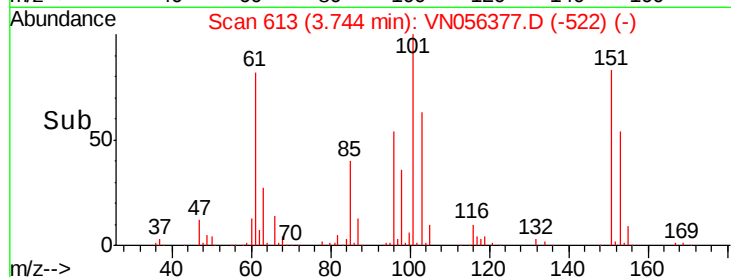
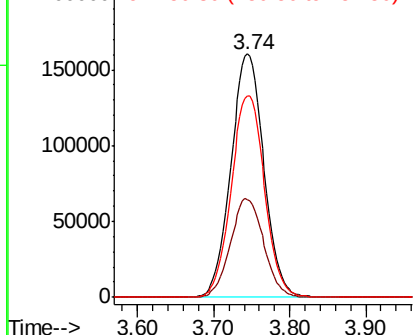
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 141.581 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:101 Resp: 481617
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.7 49.1
 151 84.0 66.8 100.2

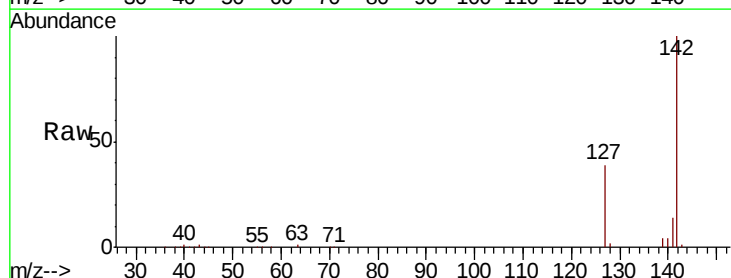


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

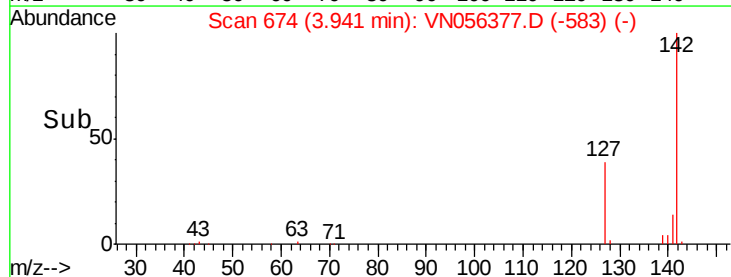
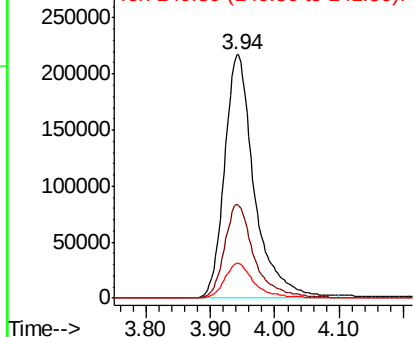


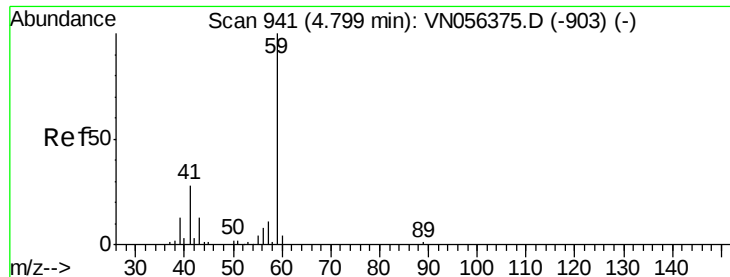
#10
 Methyl Iodide
 Concen: 159.430 ug/l
 RT: 3.94 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion:142 Resp: 700405
 Ion Ratio Lower Upper
 142 100
 127 38.5 30.6 46.0
 141 14.2 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

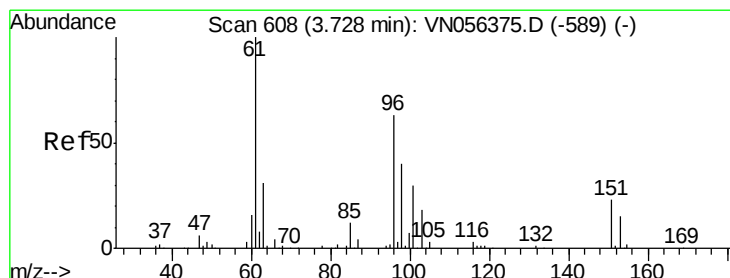
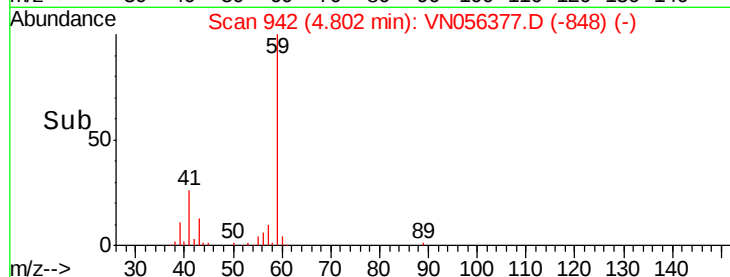
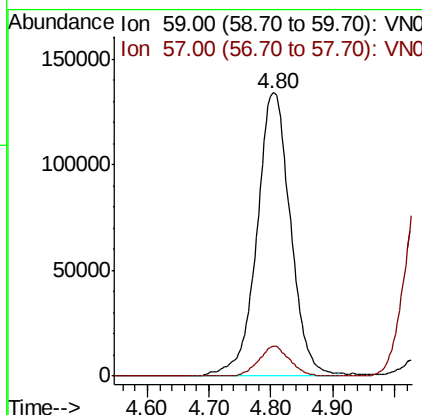
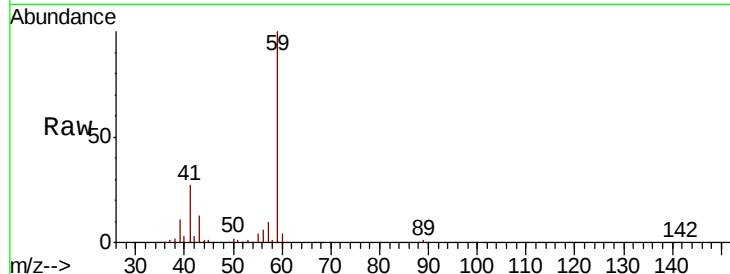




#11
Tert butyl alcohol
Concen: 796.952 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

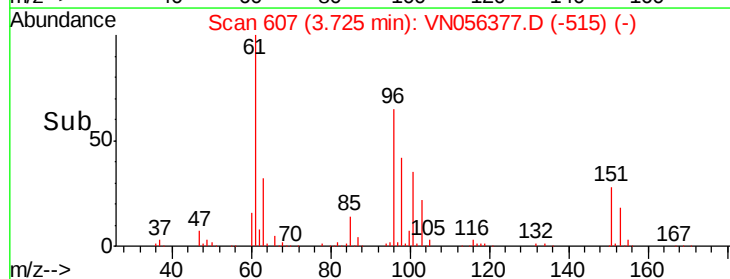
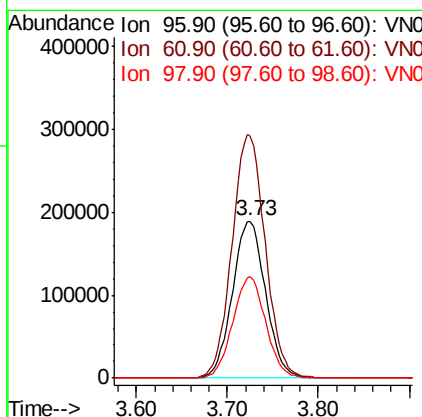
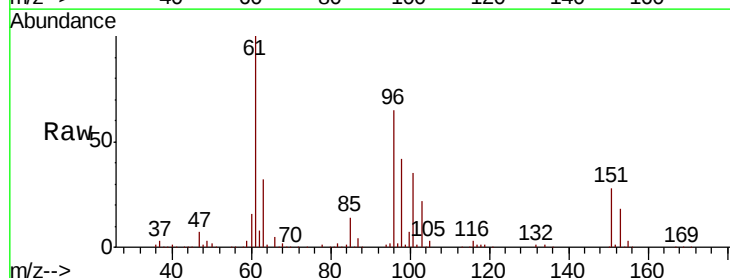
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

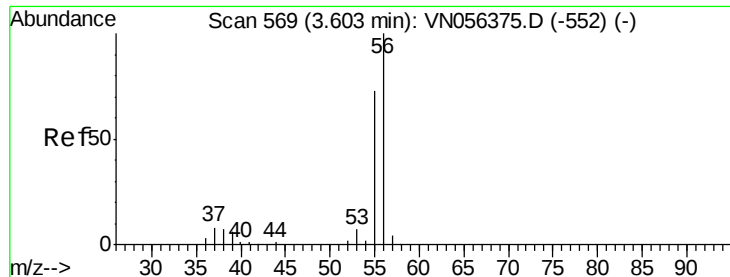
Tot Ion: 59 Resp: 506183
Ion Ratio Lower Upper
59 100
57 9.8 7.6 11.4



#12
1,1-Dichloroethene
Concen: 145.889 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 96 Resp: 480230
Ion Ratio Lower Upper
96 100
61 153.9 126.6 190.0
98 64.4 51.1 76.7





#13

Acrolein

Concen: 1796.675 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

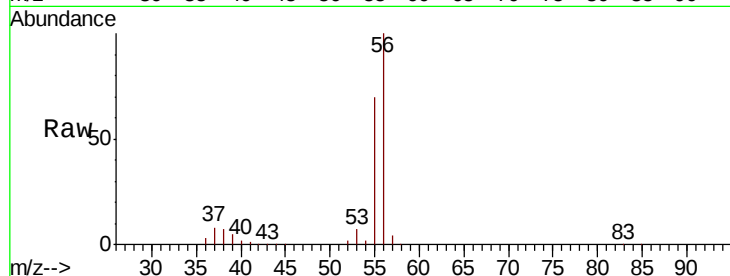
VSTDIC150

Tot Ion: 56 Resp: 441442

Ion Ratio Lower Upper

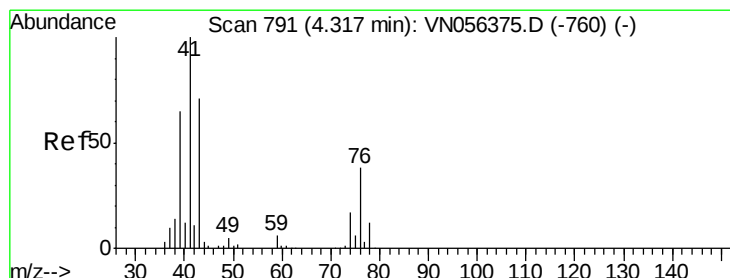
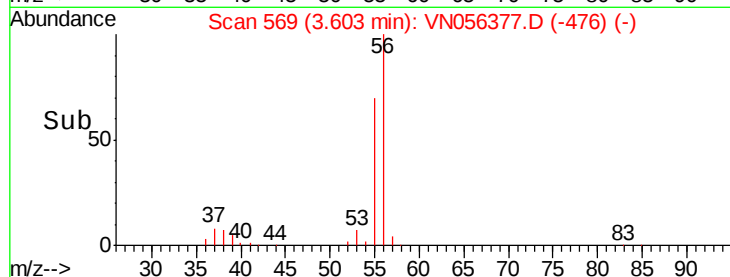
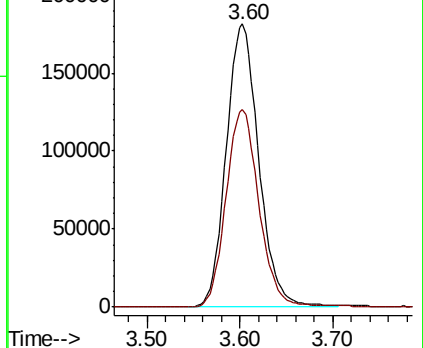
56 100

55 70.7 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: 152.389 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

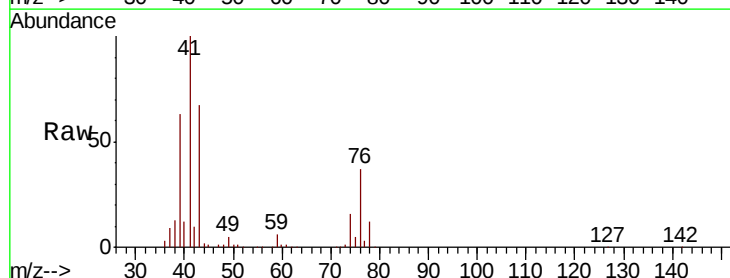
Tgt Ion: 41 Resp: 839499

Ion Ratio Lower Upper

41 100

39 59.5 48.6 73.0

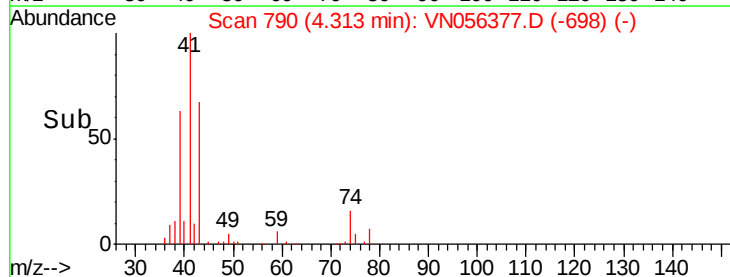
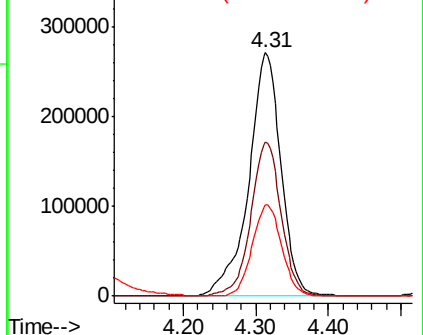
76 34.4 26.6 40.0

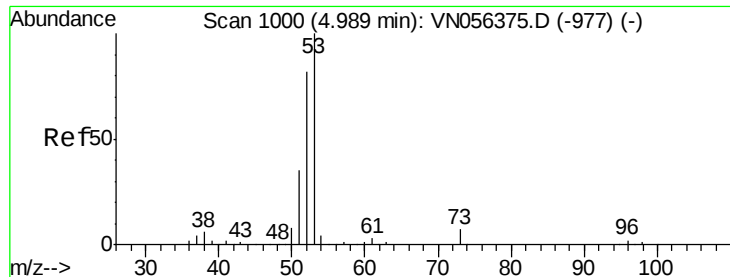


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



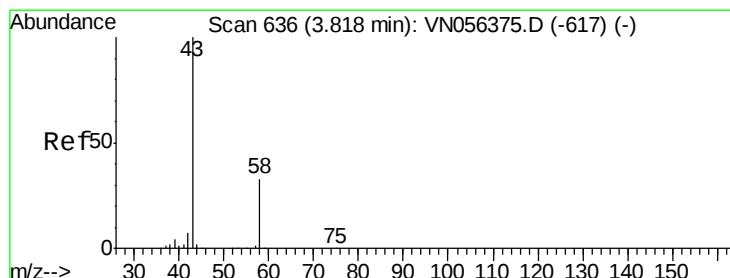
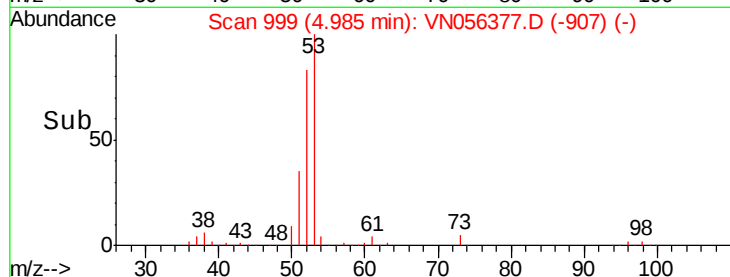
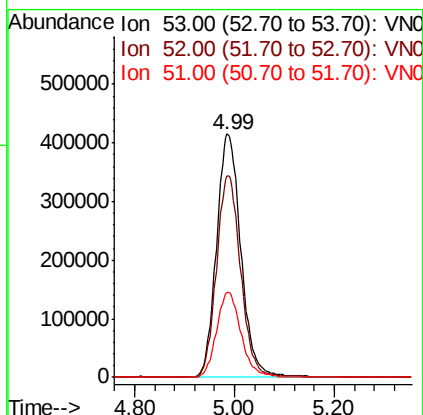
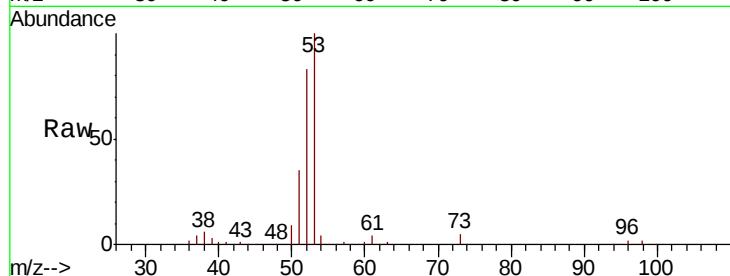


#15
 Acrylonitrile
 Concen: 783.764 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 53 Resp: 1413705

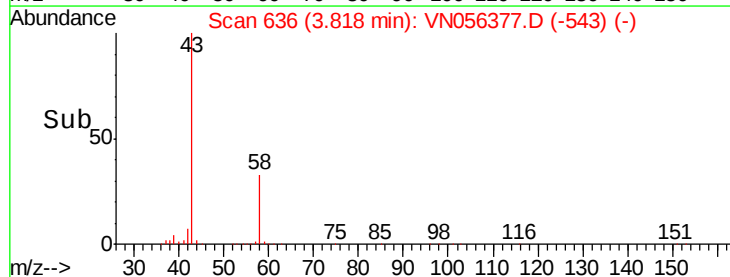
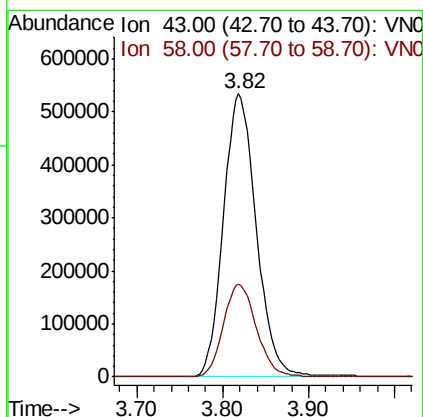
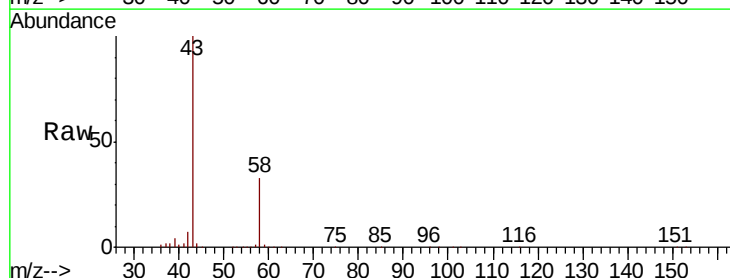
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.9	98.9
51	35.2	28.3	42.5

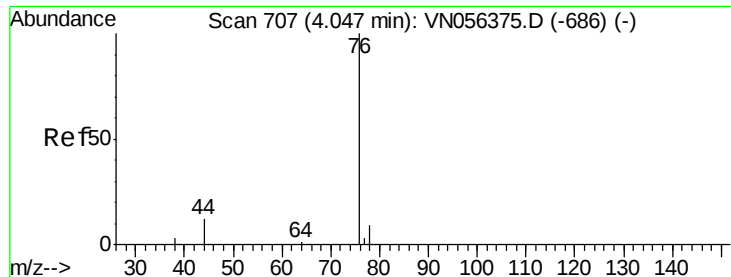


#16
 Acetone
 Concen: 648.612 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 43 Resp: 1408576

Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.4	39.6

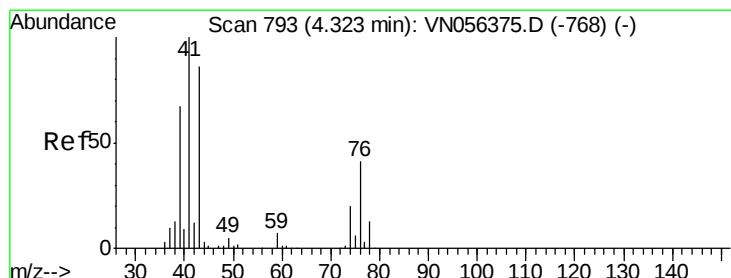
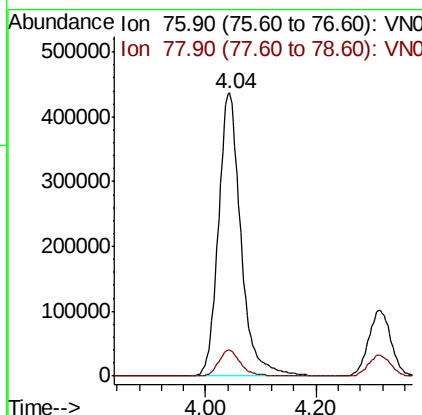
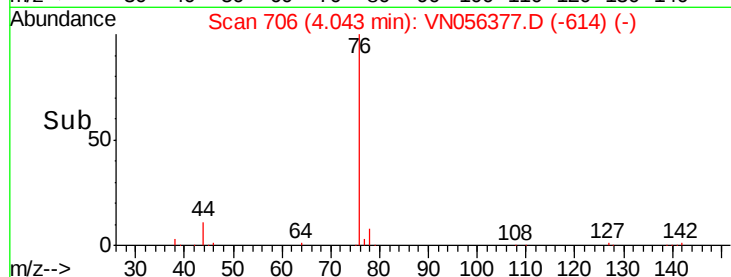
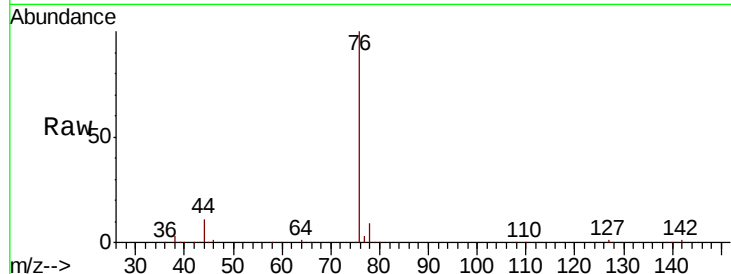




#17
Carbon Disulfide
Concen: 142.628 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

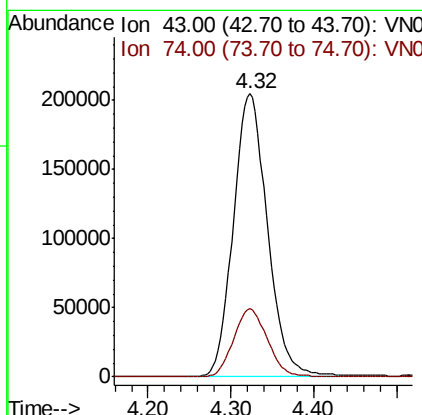
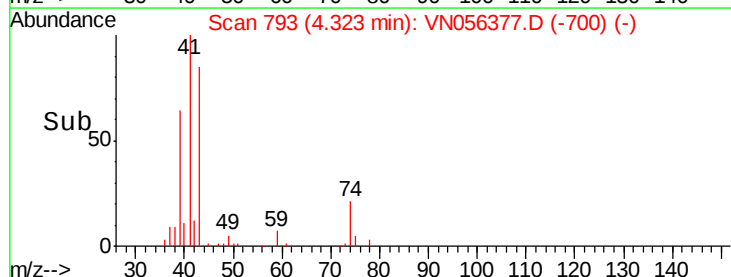
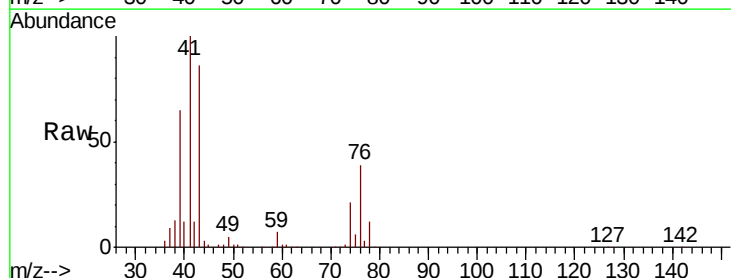
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

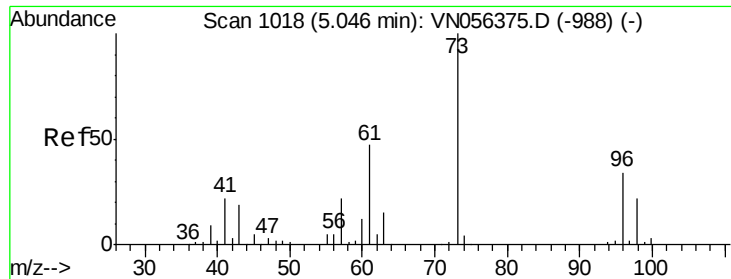
Tot Ion: 76 Resp: 1225006
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 122.313 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 43 Resp: 581679
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

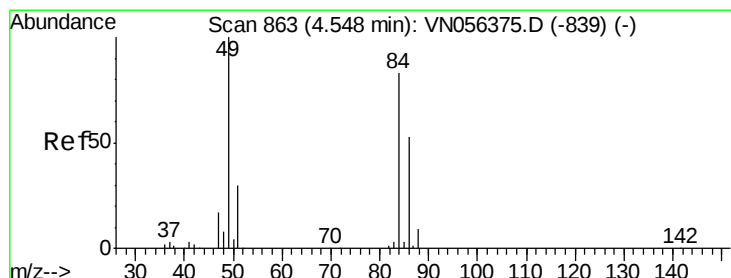
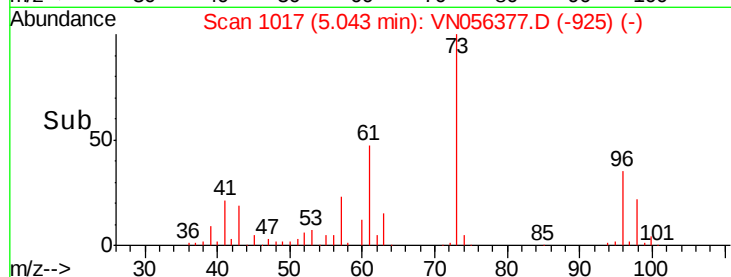
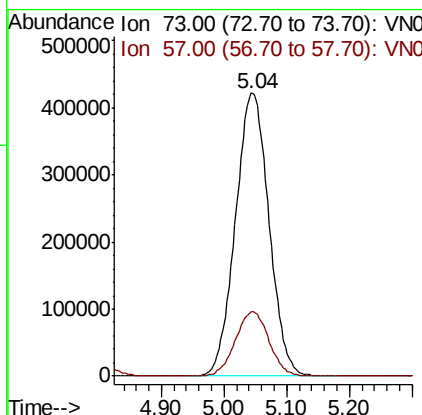
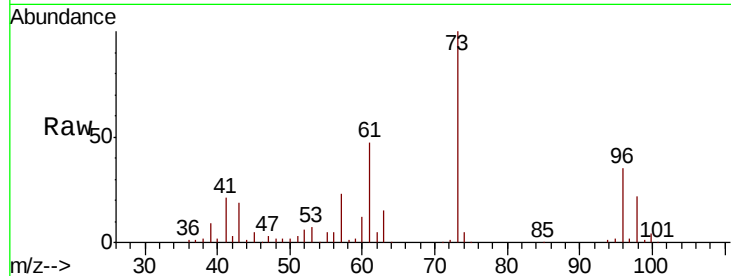




#19
Methvl tert-butvl Ether
Concen: 154.986 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

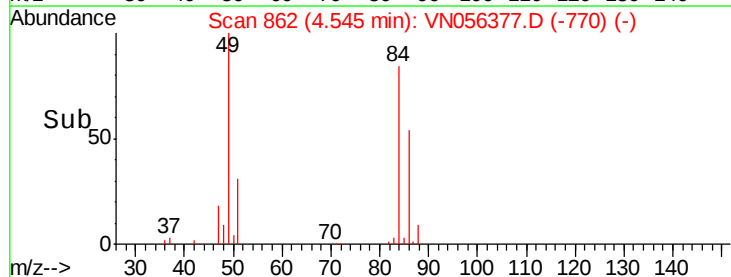
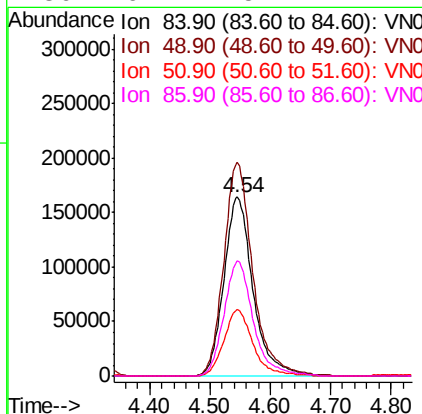
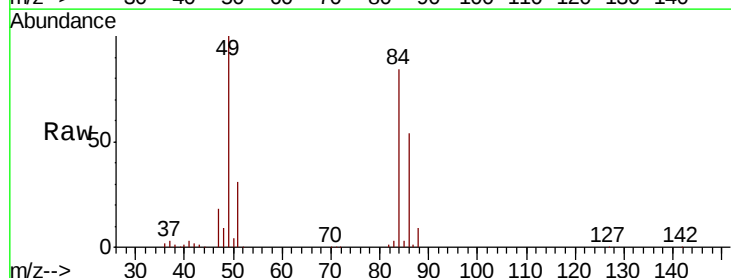
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

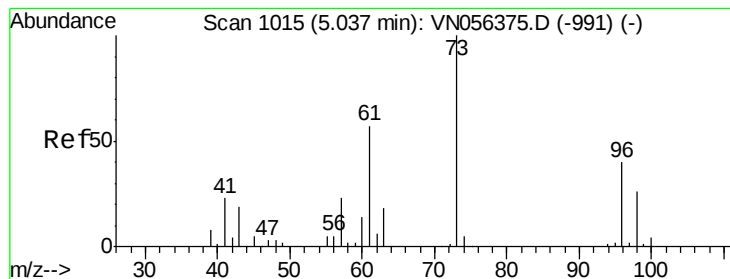
Tot Ion: 73 Resp: 1566634
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 141.755 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 84 Resp: 553839
Ion Ratio Lower Upper
84 100
49 119.2 96.4 144.6
51 36.8 28.6 43.0
86 64.1 51.4 77.2



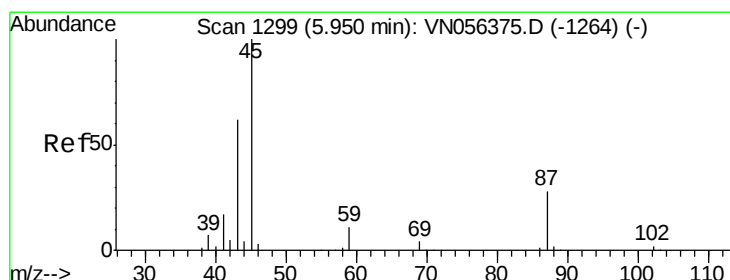
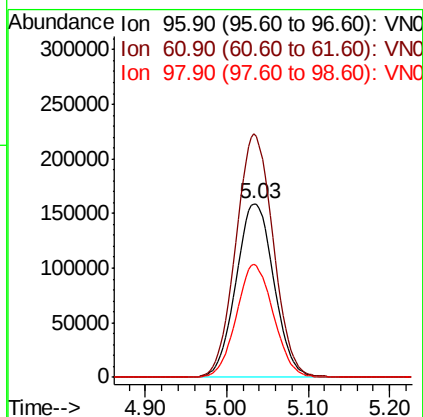
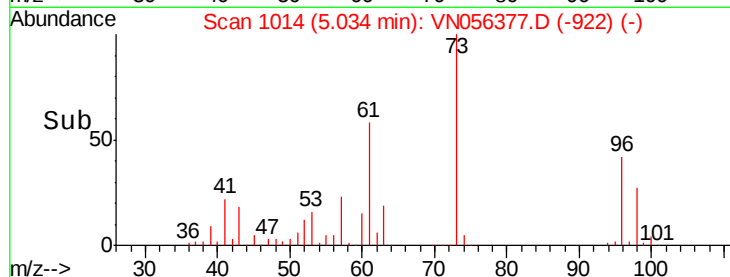
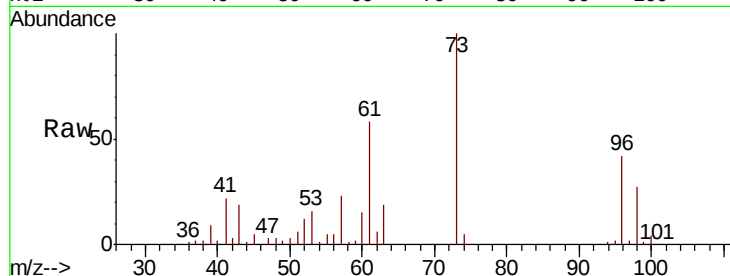


#21

trans-1,2-Dichloroethene
Concen: 146.502 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

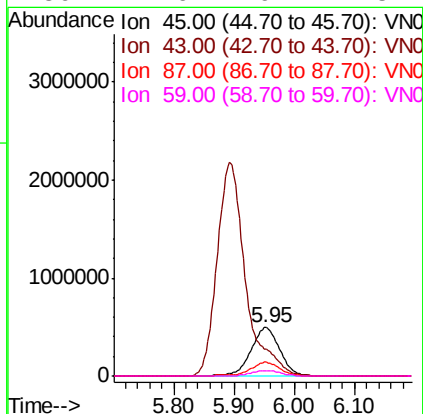
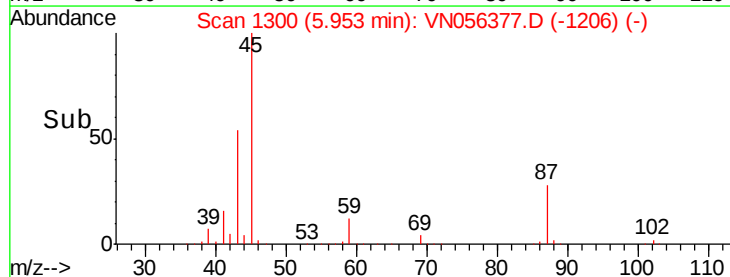
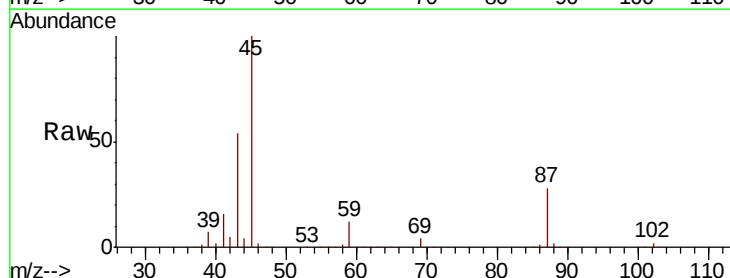
Tot Ion: 96 Resp: 512351
Ion Ratio Lower Upper
96 100
61 140.1 113.0 169.6
98 65.0 52.2 78.2

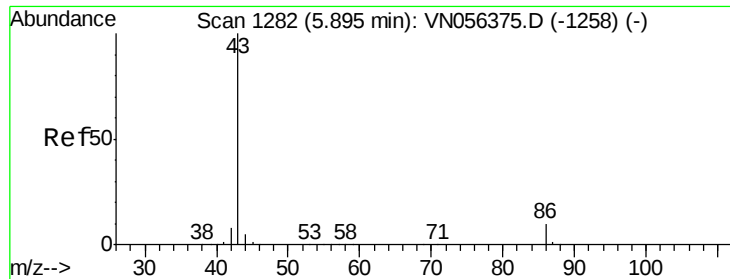


#22

Diisopropyl ether
Concen: 152.075 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 45 Resp: 1659553
Ion Ratio Lower Upper
45 100
43 54.1 50.4 75.6
87 27.9 23.0 34.4
59 11.6 9.1 13.7

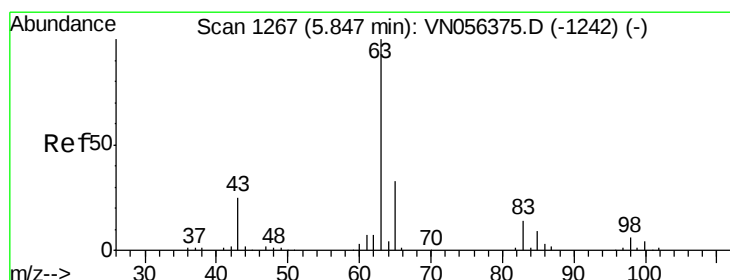
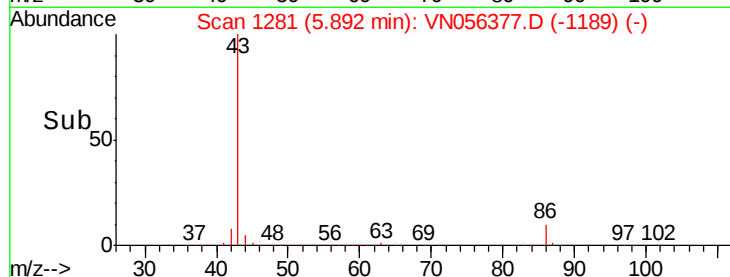
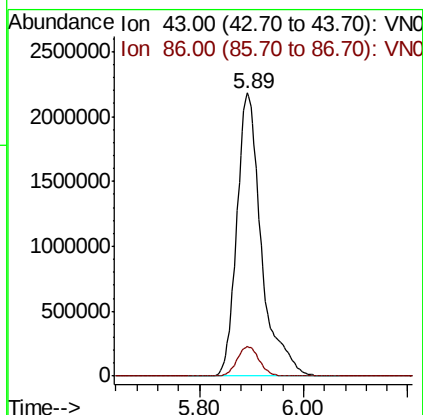
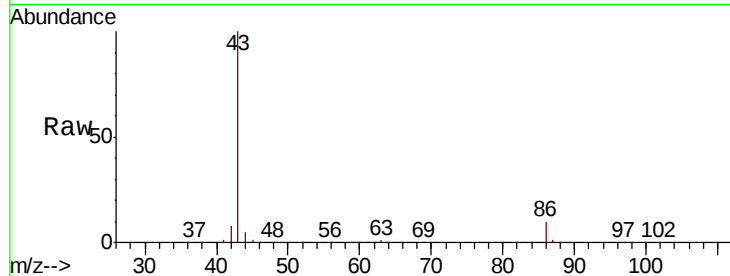




#23
 Vinyl Acetate
 Concen: 803.758 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

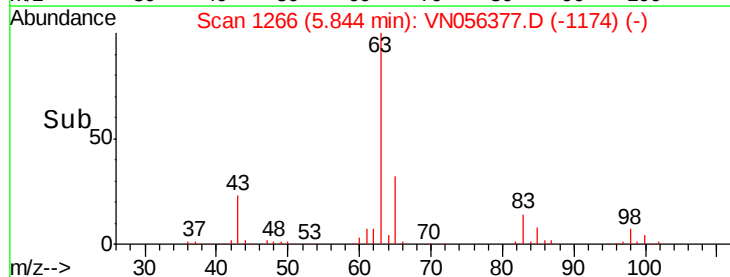
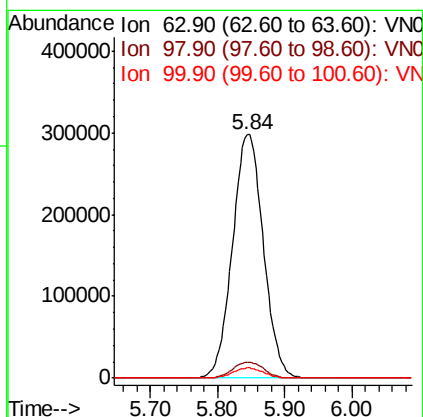
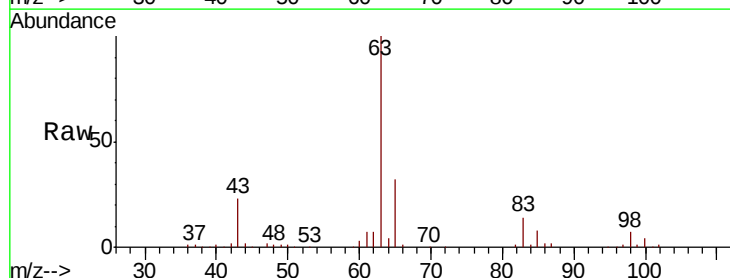
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

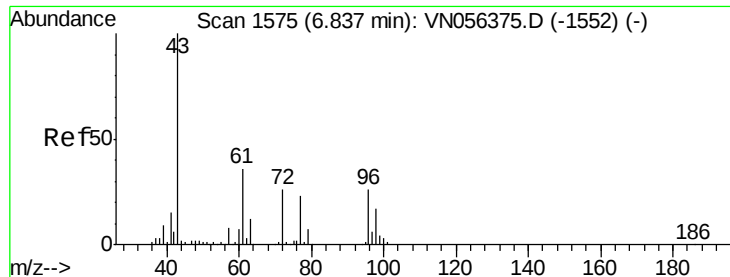
Tot Ion: 43 Resp: 7121792
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 148.905 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 63 Resp: 949639
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 754.162 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

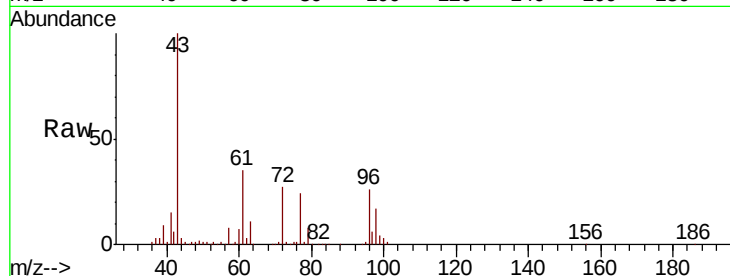
VSTDIC150

Tot Ion: 43 Resp: 2012981

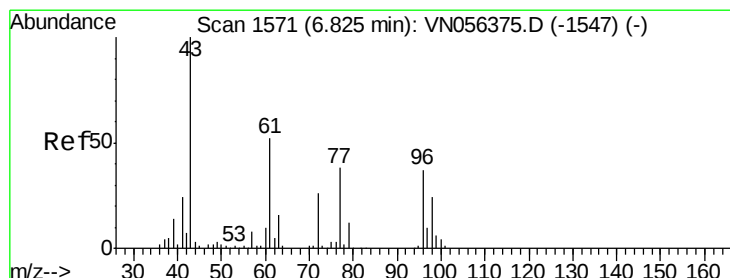
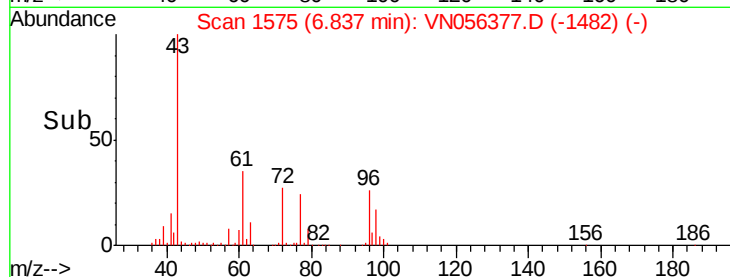
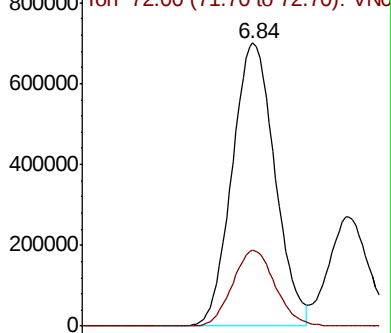
Ion Ratio Lower Upper

43 100

72 26.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN056377.D (-1482) (-)



#26

2,2-Dichloropropane

Concen: 149.395 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056377.D

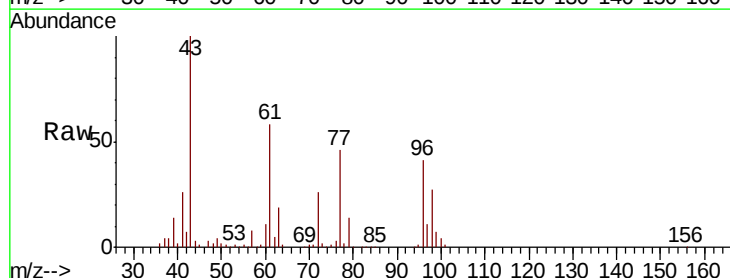
Acq: 19 Jun 2019 10:49

Tgt Ion: 77 Resp: 687070

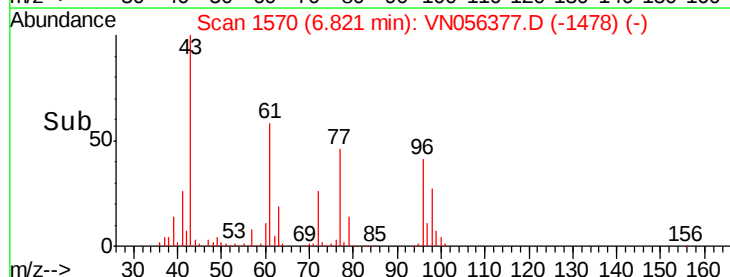
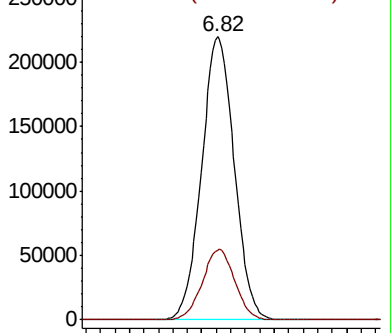
Ion Ratio Lower Upper

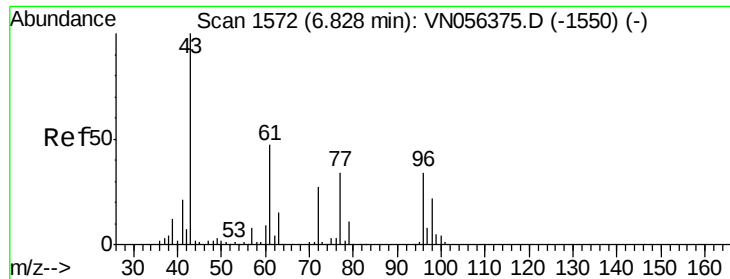
77 100

97 24.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN056377.D (-1478) (-)





#27

cis-1,2-Dichloroethene

Concen: 149.187 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

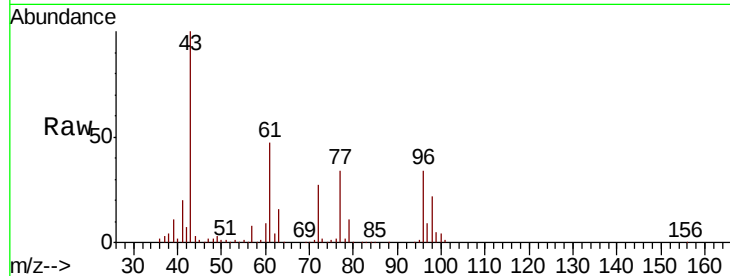
Tot Ion: 96 Resp: 606309

Ion Ratio Lower Upper

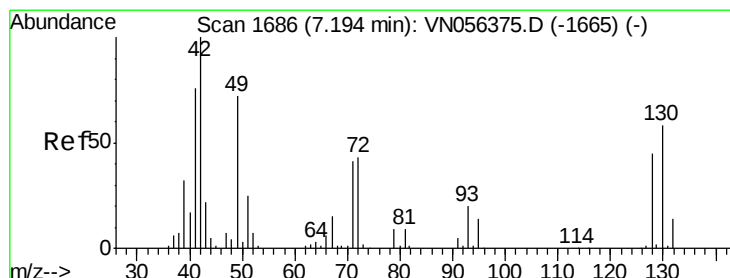
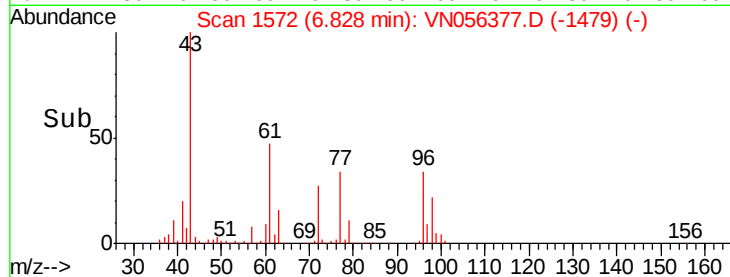
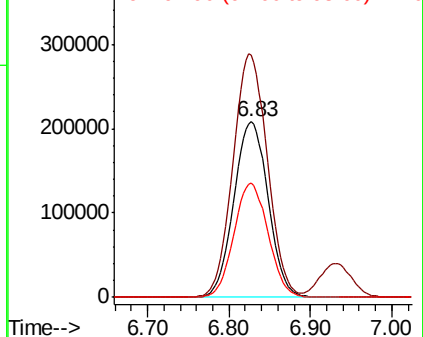
96 100

61 139.7 0.0 279.8

98 65.0 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: 137.373 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

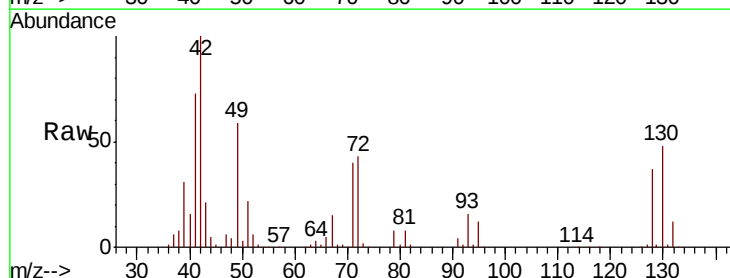
Tgt Ion: 49 Resp: 438542

Ion Ratio Lower Upper

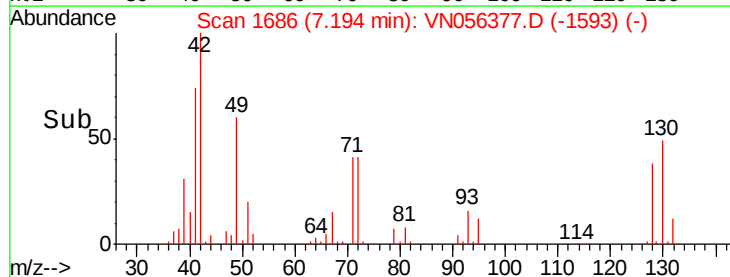
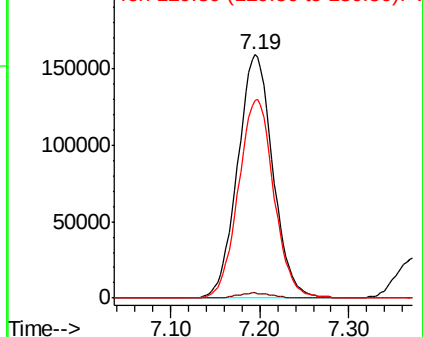
49 100

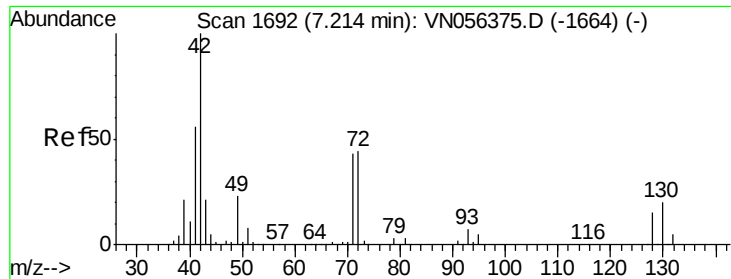
129 2.0 0.0 4.2

130 82.2 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

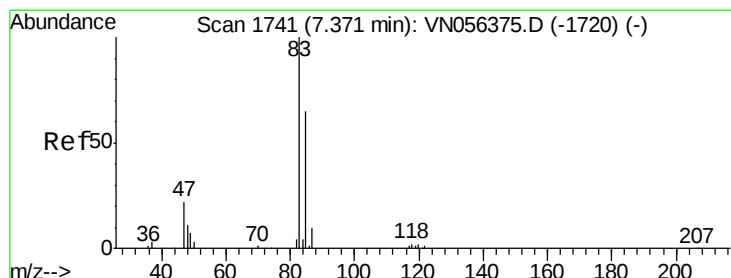
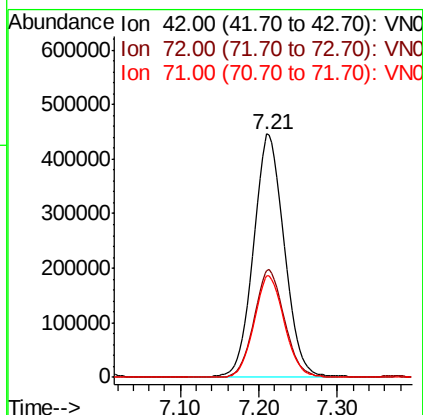
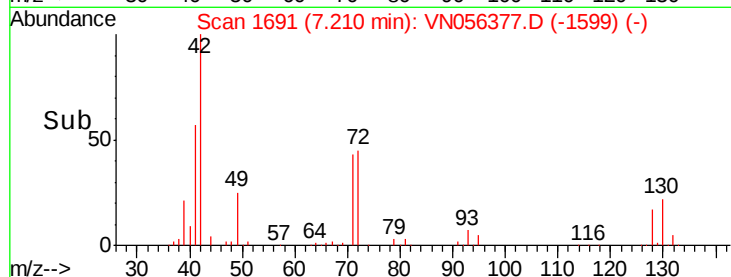
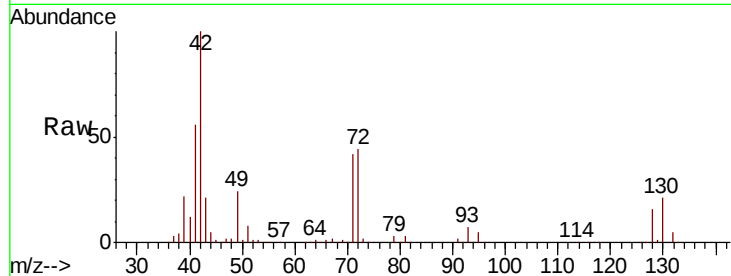




#29
Tetrahydrofuran
Concen: 776.675 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

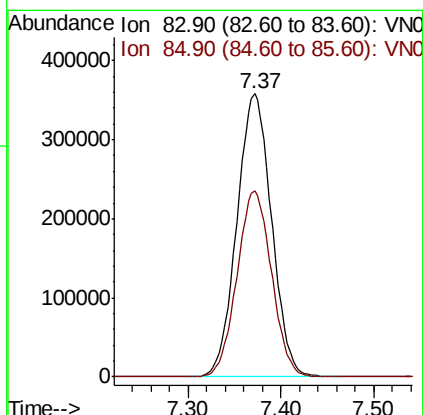
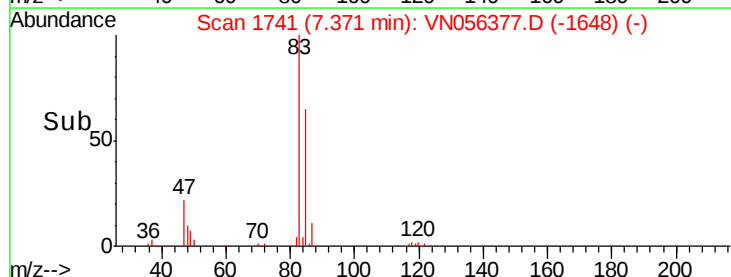
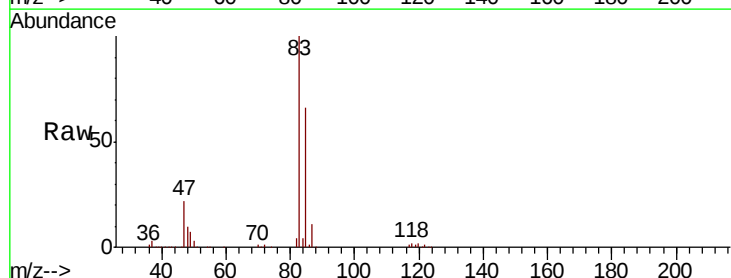
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

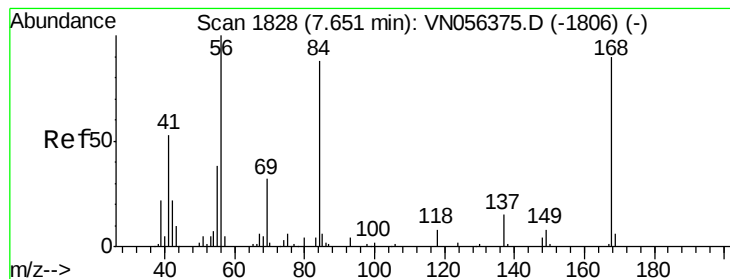
Tot Ion: 42 Resp: 1239188
Ion Ratio Lower Upper
42 100
72 43.7 34.7 52.1
71 41.2 33.0 49.6



#30
Chloroform
Concen: 146.537 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 83 Resp: 929383
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5





#31

Cyclohexane

Concen: 144.293 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

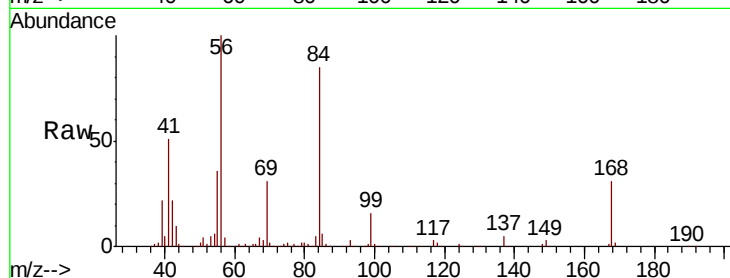
Tot Ion: 56 Resp: 886995

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.6

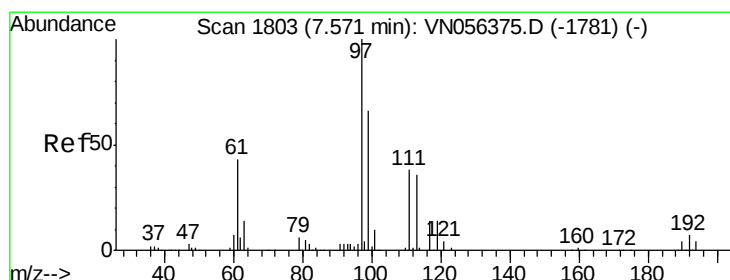
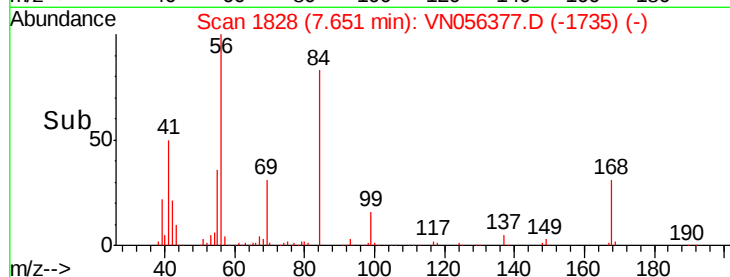
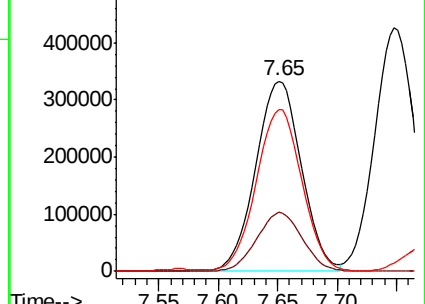
84 83.8 69.4 104.0



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: 148.257 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

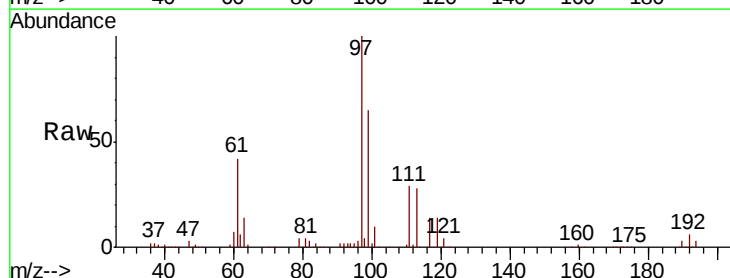
Tgt Ion: 97 Resp: 776462

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

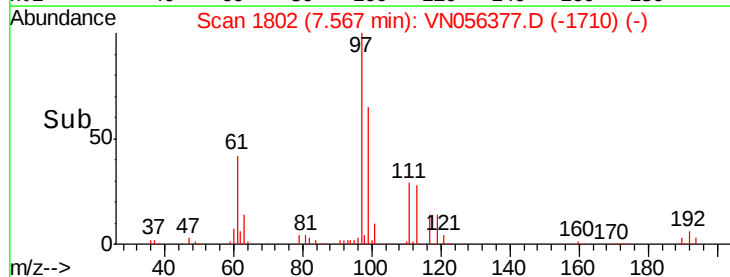
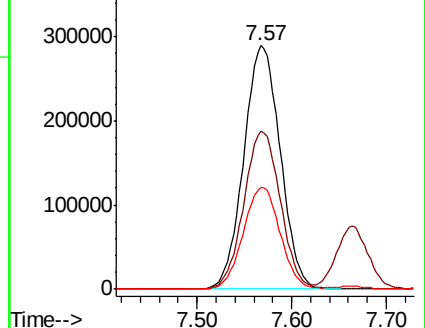
61 42.2 33.9 50.9

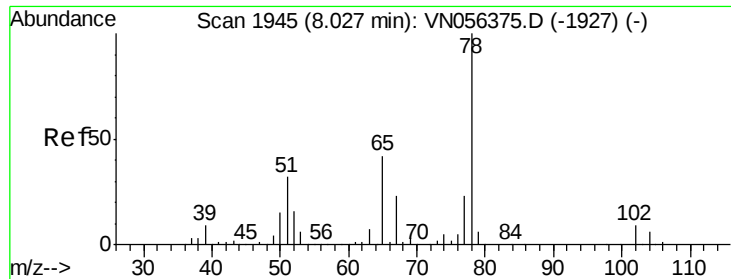


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

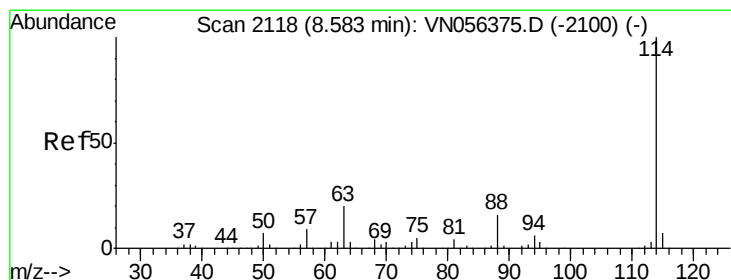
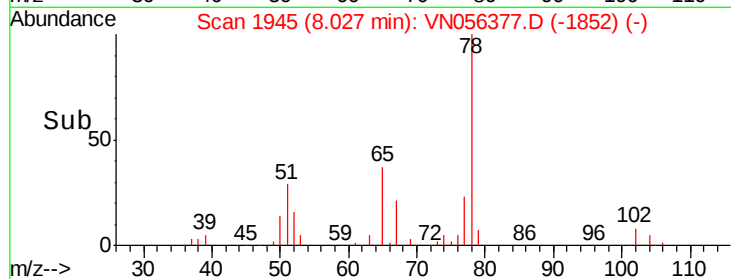
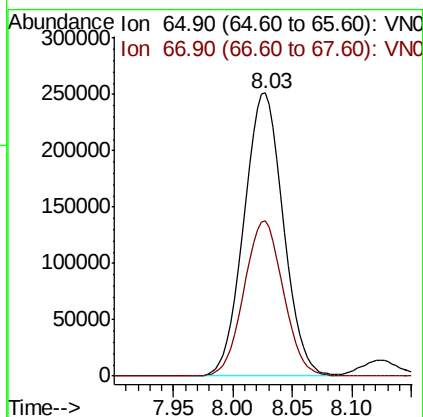
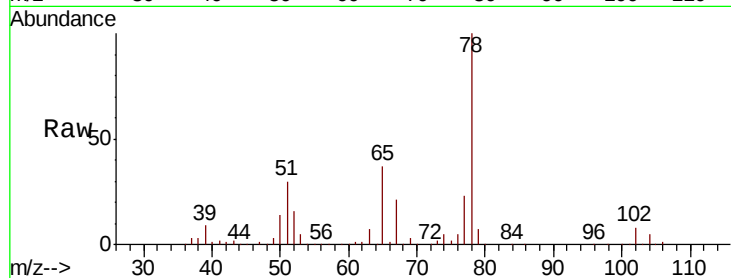




#33
 1,2-Dichloroethane-d4
 Concen: 143.548 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

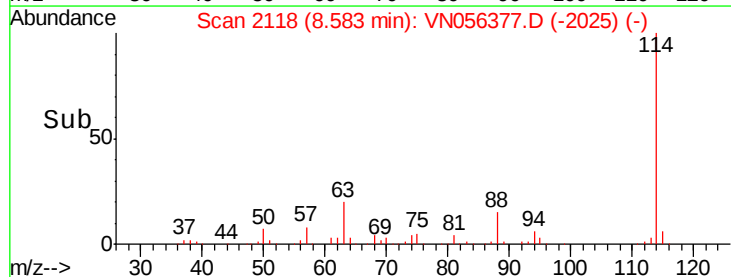
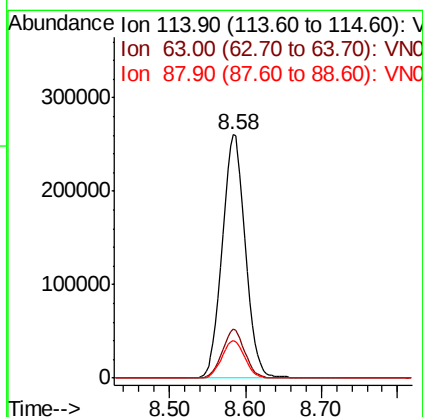
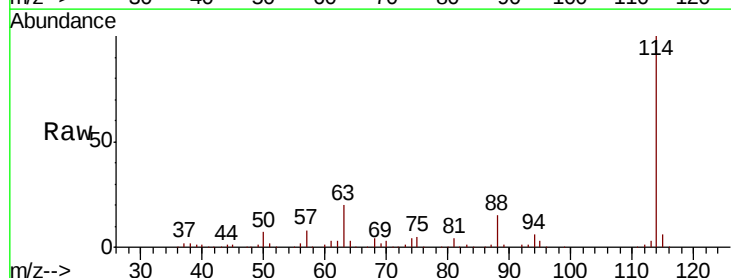
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

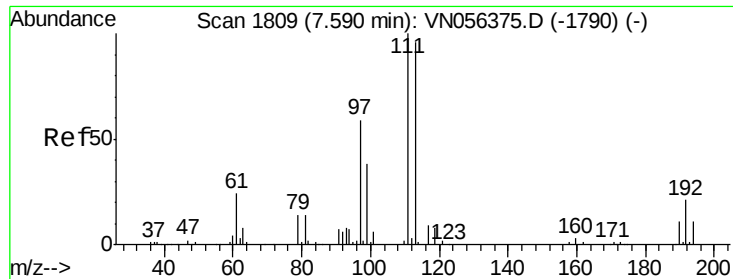
Tot Ion: 65 Resp: 577304
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 114 Resp: 552357
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.3 0.0 31.4

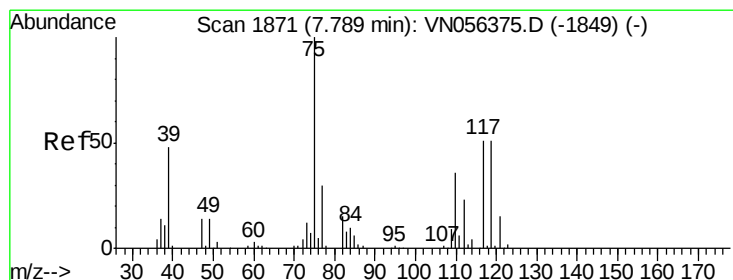
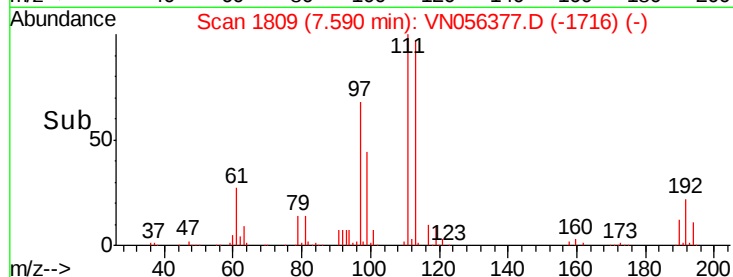
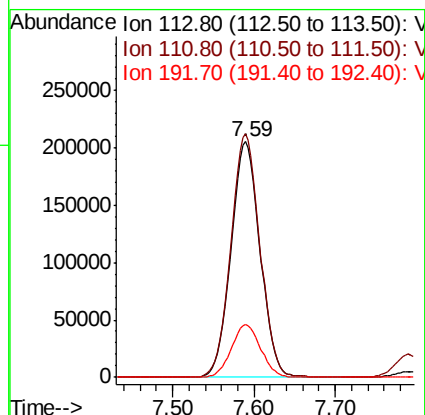
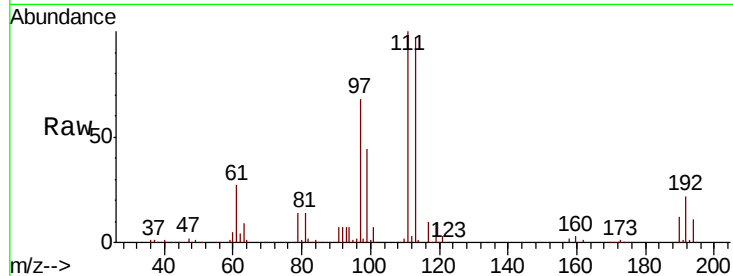




#35
 Dibromofluoromethane
 Concen: 145.417 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

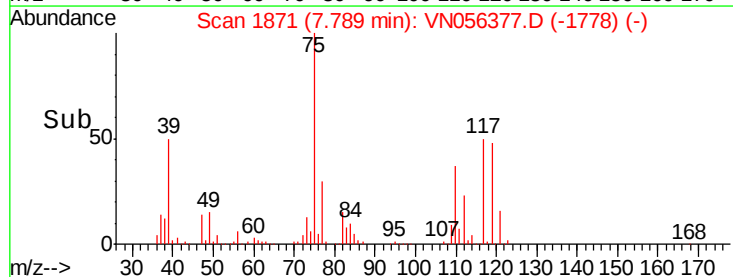
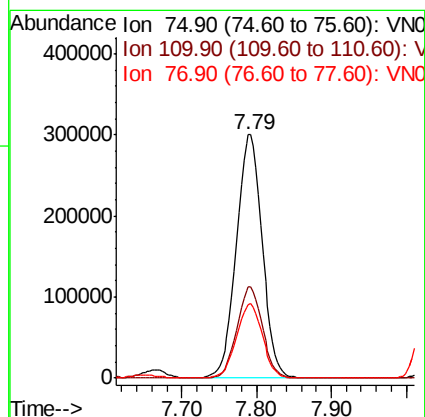
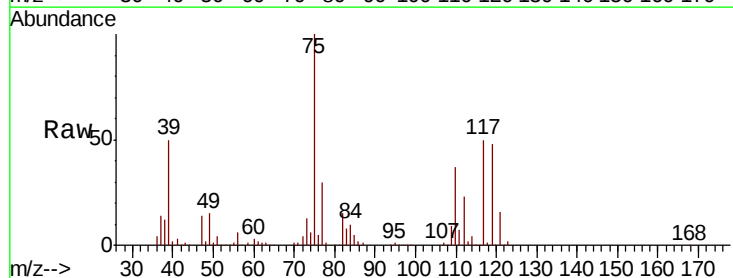
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

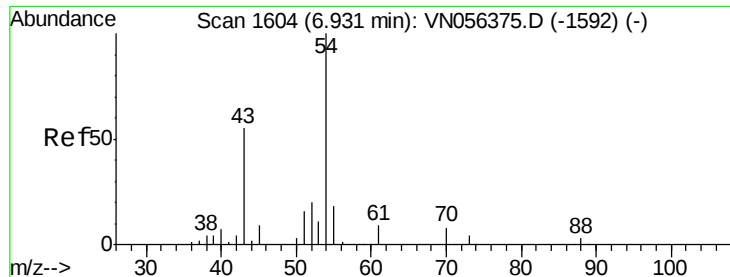
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	22.6	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 146.279 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

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

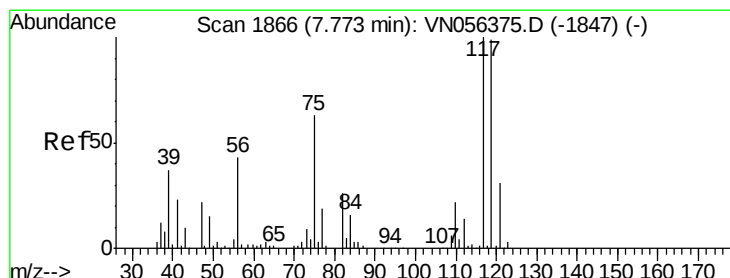
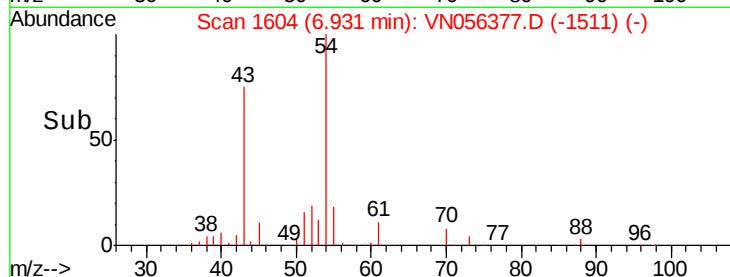
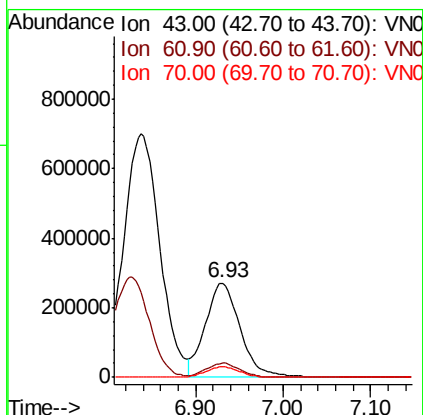
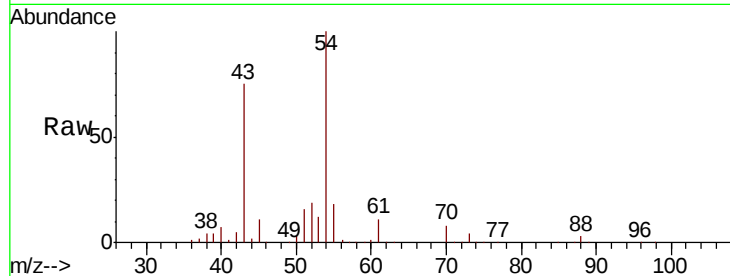




#37
Ethyl Acetate
Concen: 158.493 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

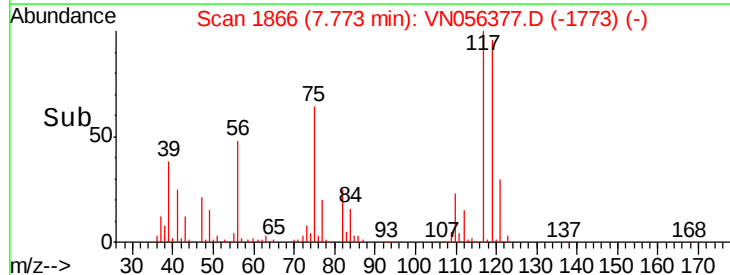
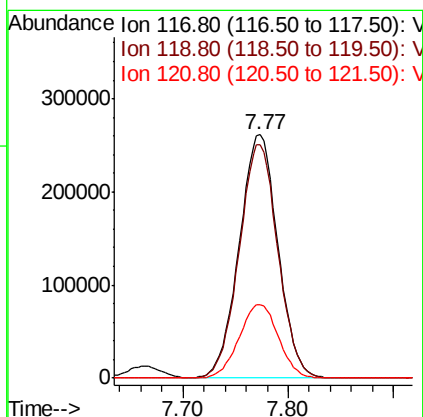
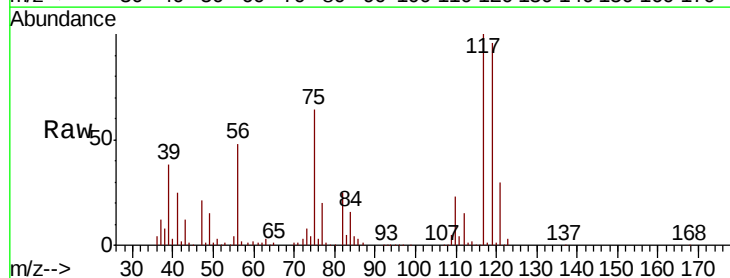
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

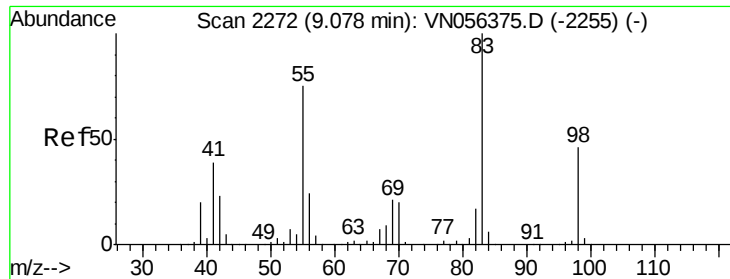
Tot Ion: 43 Resp: 743351
Ion Ratio Lower Upper
43 100
61 14.9 11.1 16.7
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 142.284 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 117 Resp: 664192
Ion Ratio Lower Upper
117 100
119 95.8 79.1 118.7
121 30.3 24.8 37.2

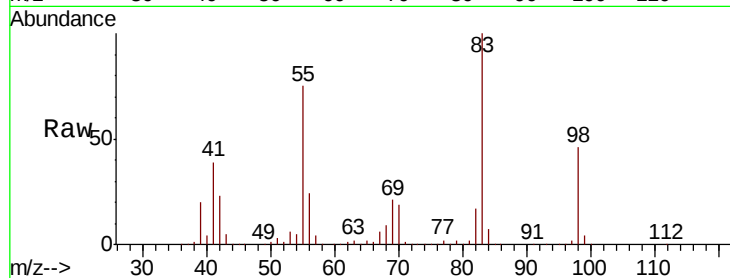




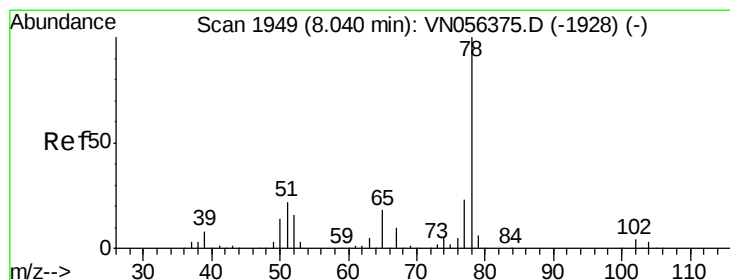
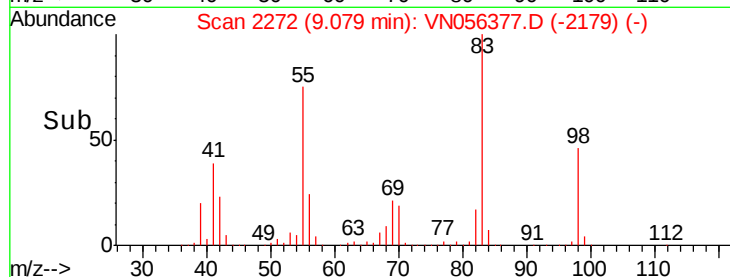
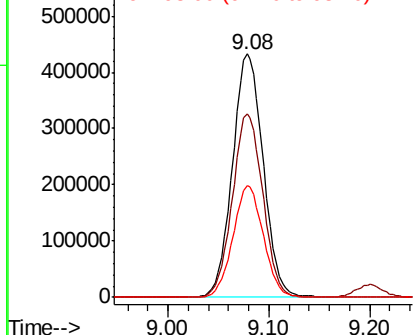
#39
Methvlcvclohexane
Concen: 152.791 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 916147
Ion Ratio Lower Upper
83 100
55 75.4 60.0 90.0
98 45.9 36.6 54.8

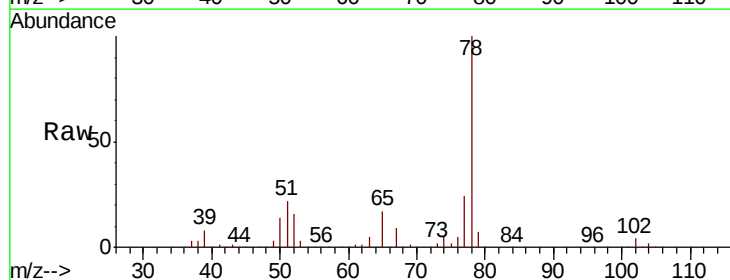


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

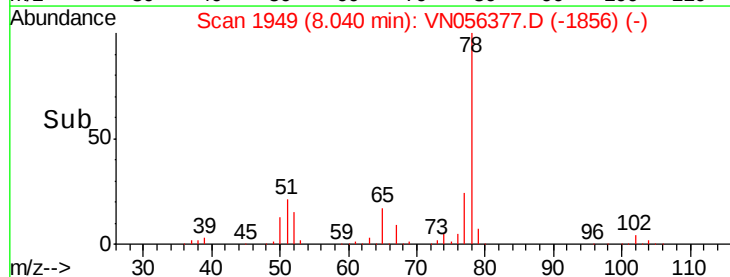
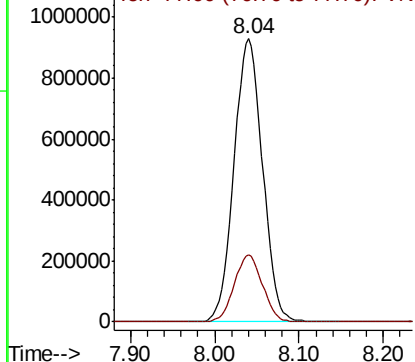


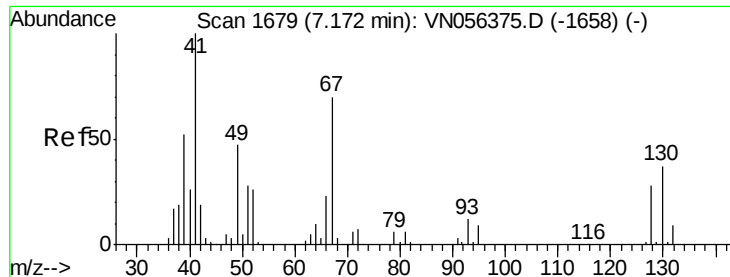
#40
Benzene
Concen: 146.788 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 78 Resp: 2191529
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

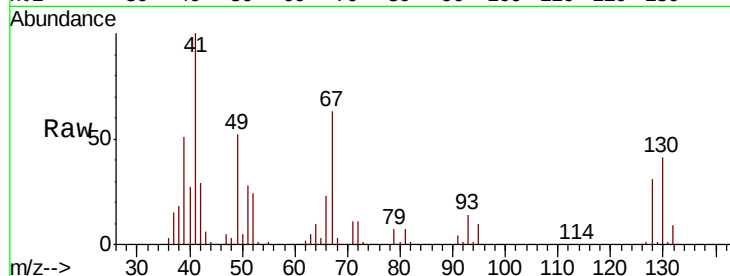




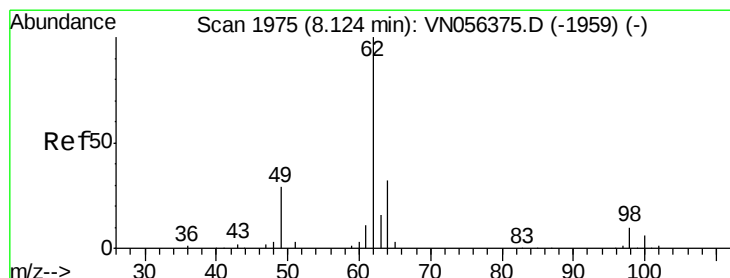
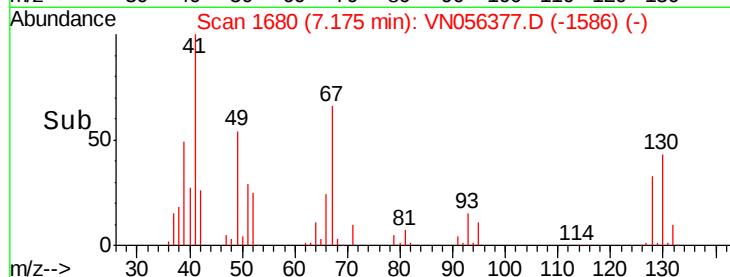
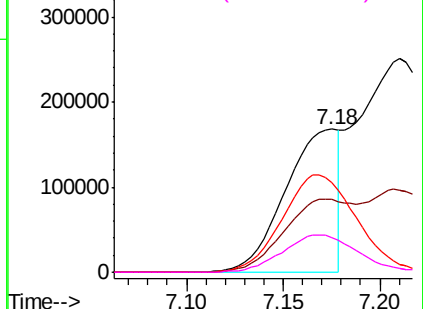
#41
Methacrylonitrile
Concen: 152.363 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 41 Resp: 320028
Ion Ratio Lower Upper
41 100
39 66.3 55.3 82.9
67 96.5 79.2 118.8
52 36.9 31.4 47.0

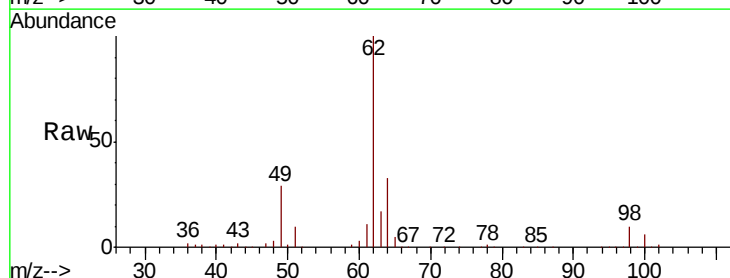


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

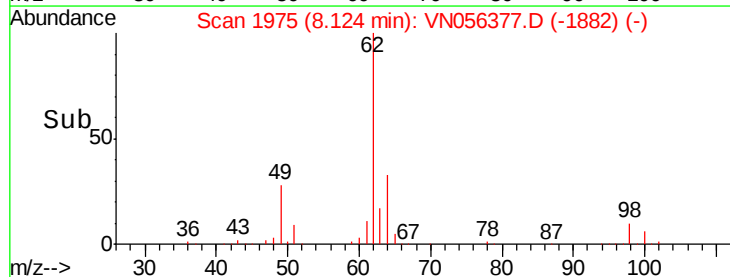
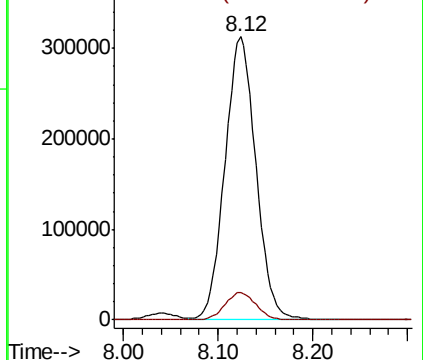


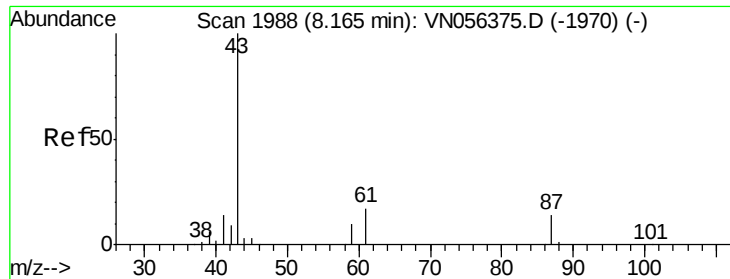
#42
1,2-Dichloroethane
Concen: 145.153 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 62 Resp: 709939
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 161.825 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

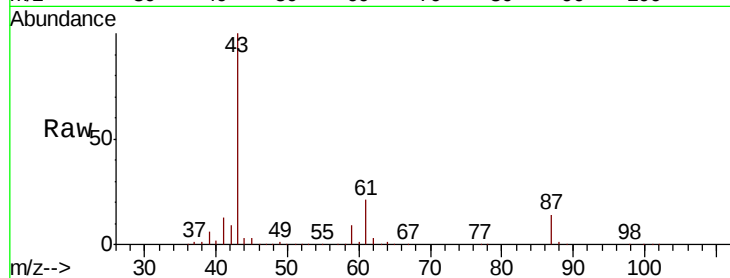
Tot Ion: 43 Resp: 1212079

Ion Ratio Lower Upper

43 100

61 27.7 22.0 33.0

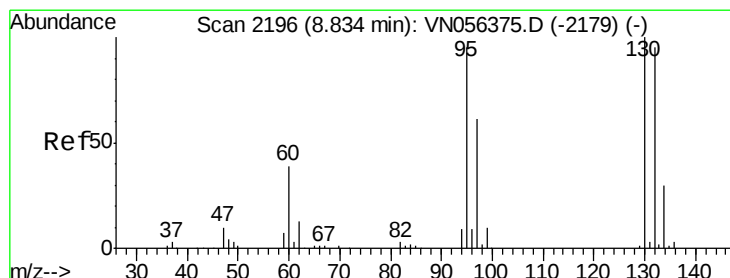
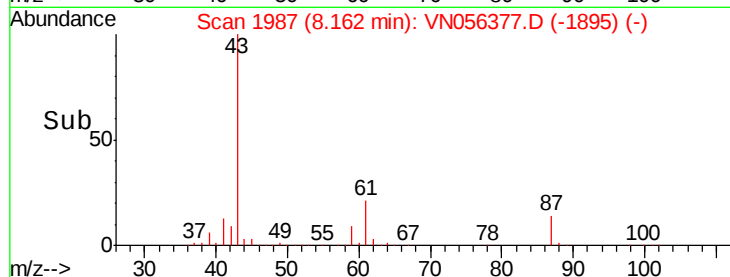
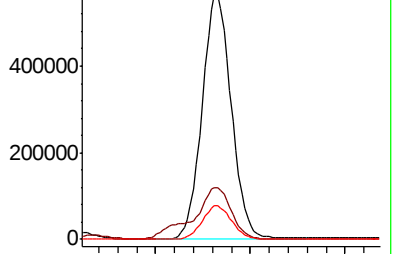
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056377.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056377.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056377.D (-1970) (-)



#44

Trichloroethene

Concen: 147.148 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056377.D

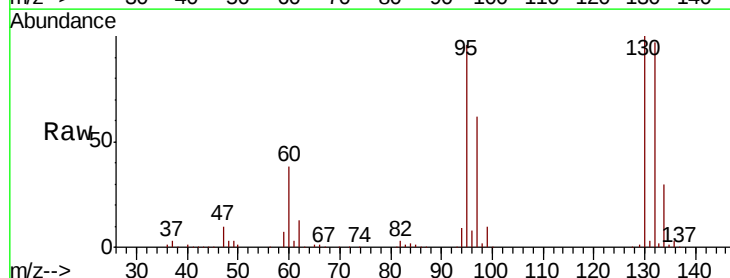
Acq: 19 Jun 2019 10:49

Tgt Ion:130 Resp: 598621

Ion Ratio Lower Upper

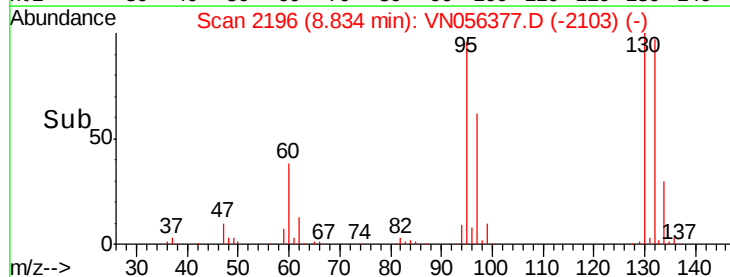
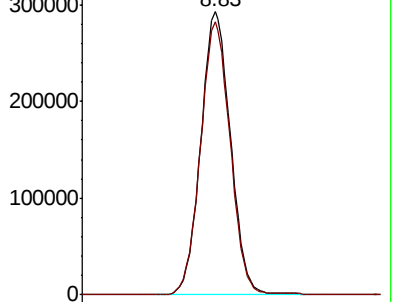
130 100

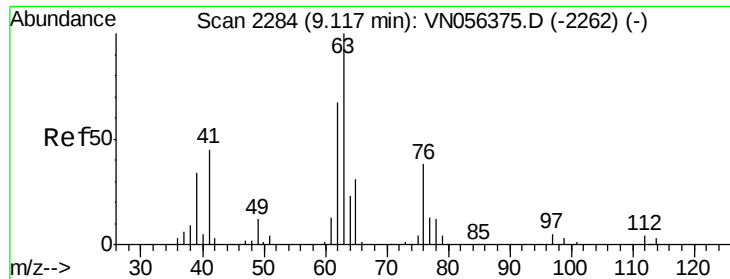
95 96.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056377.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056377.D (-2103) (-)

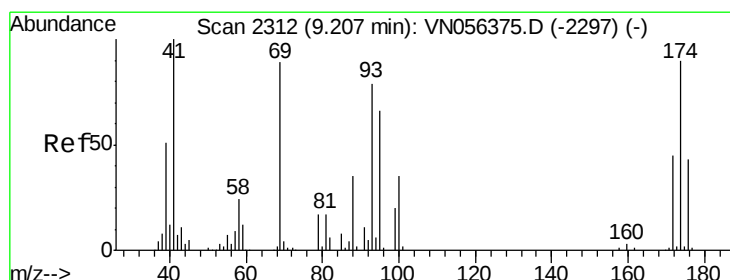
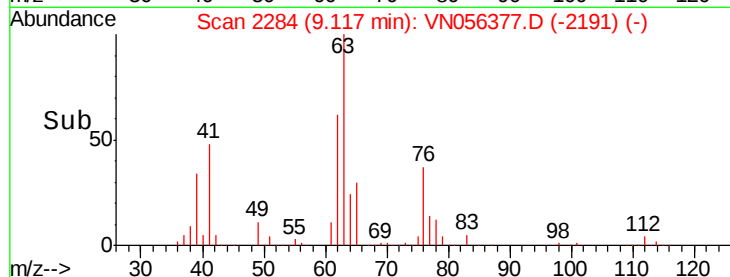
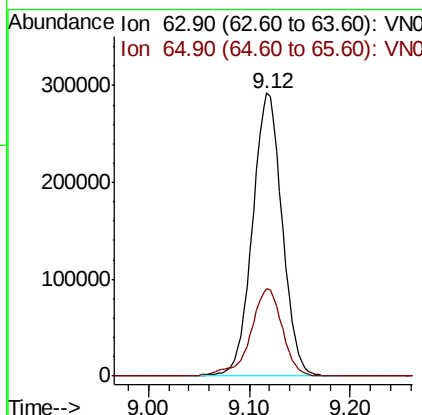
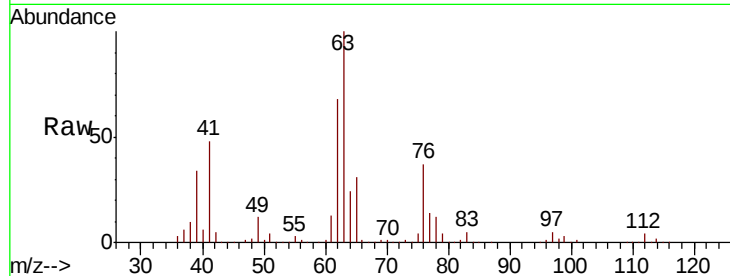




#45
 1,2-Dichloropropane
 Concen: 150.487 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

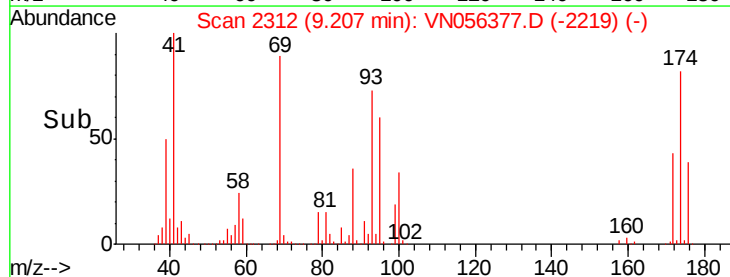
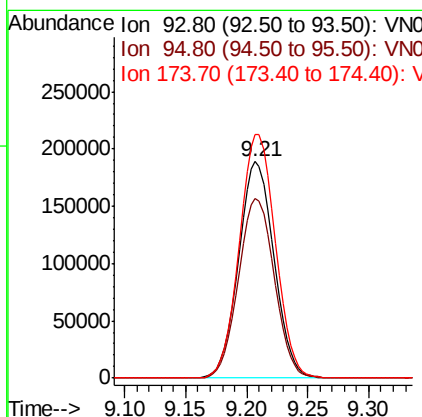
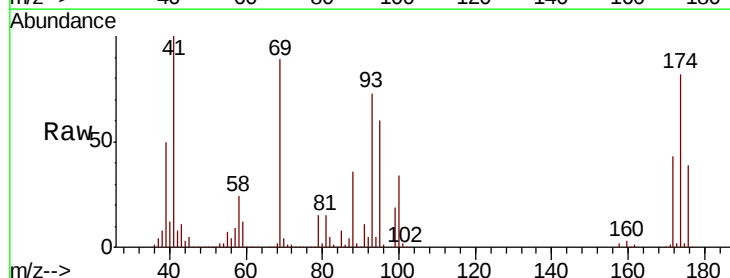
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 594879
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 144.915 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 93 Resp: 378899
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.2 99.2
 174 114.3 90.8 136.2





#47

Bromodichloromethane

Concen: 146.801 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

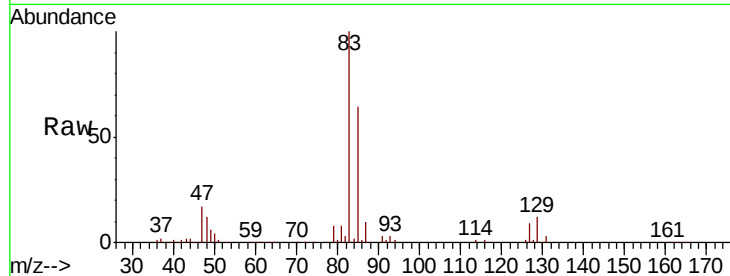
Tot Ion: 83 Resp: 727077

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

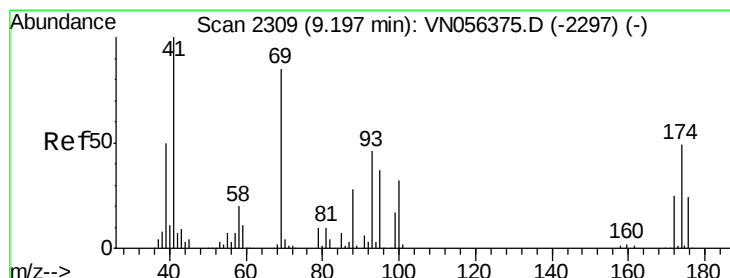
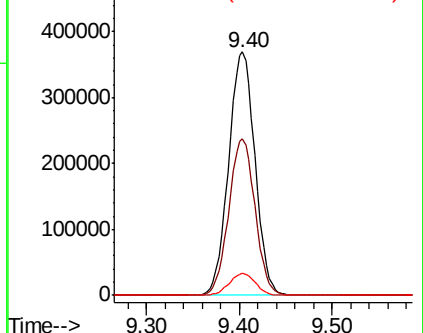
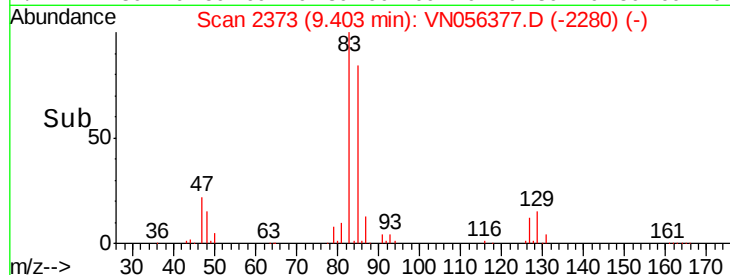
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056377.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056377.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056377.D (-2280) (-)



#48

Methyl methacrylate

Concen: 157.900 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

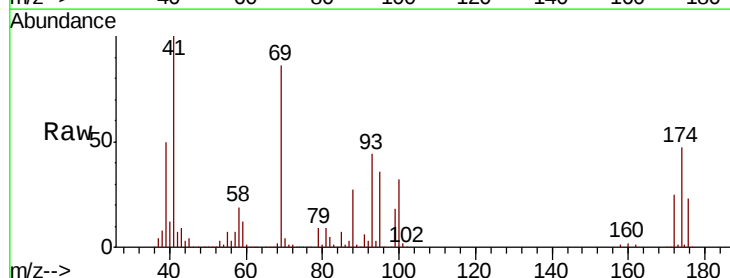
Tgt Ion: 41 Resp: 592445

Ion Ratio Lower Upper

41 100

69 89.1 72.6 109.0

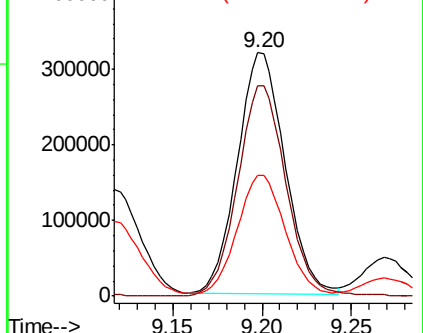
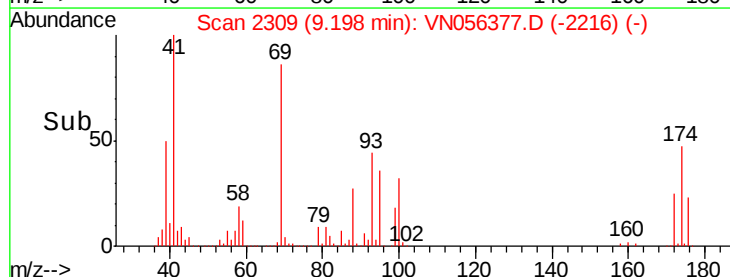
39 51.3 42.6 63.8

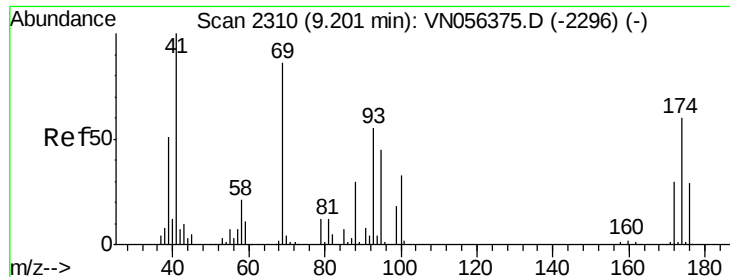


Abundance Ion 41.00 (40.70 to 41.70): VN056377.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056377.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056377.D (-2216) (-)





#49

1,4-Dioxane

Concen: 3082.885 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

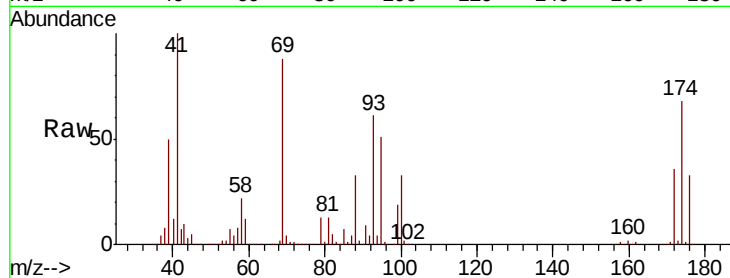
Tot Ion: 88 Resp: 232707

Ion Ratio Lower Upper

88 100

43 26.7 22.0 33.0

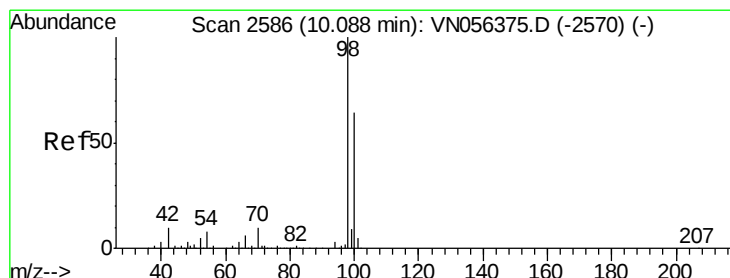
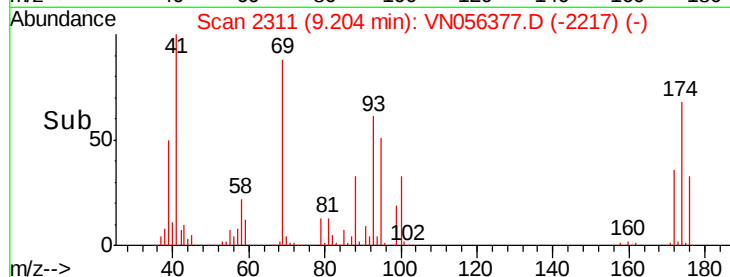
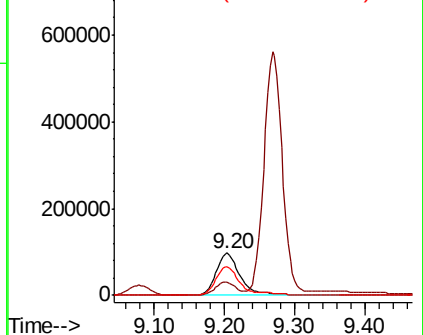
58 65.1 51.8 77.8



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: 147.203 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056377.D

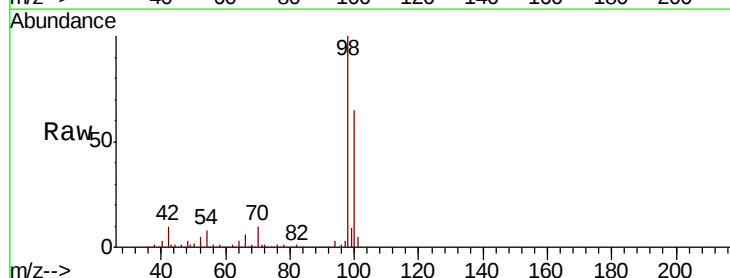
Acq: 19 Jun 2019 10:49

Tgt Ion: 98 Resp: 1982359

Ion Ratio Lower Upper

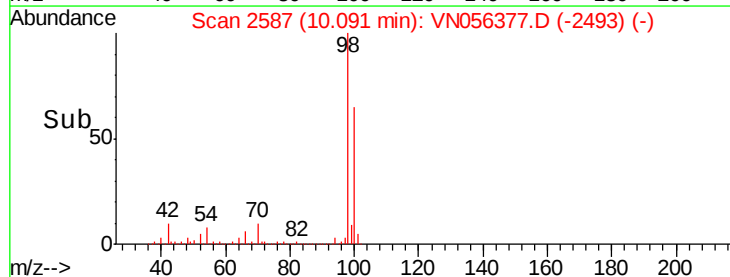
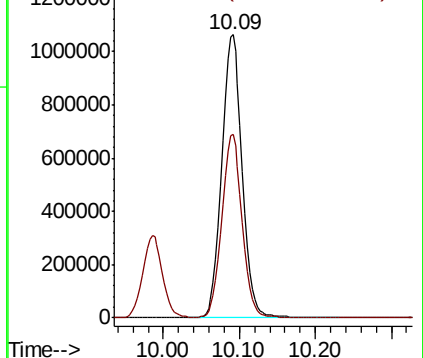
98 100

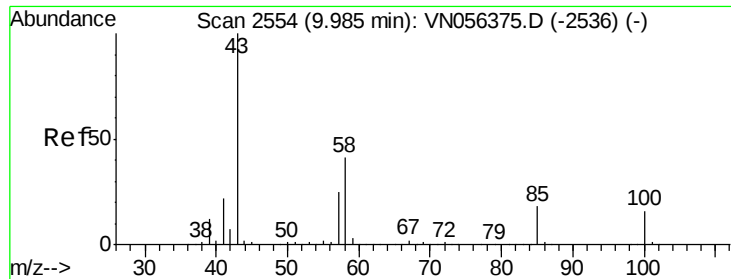
100 64.7 52.2 78.2



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: 759.063 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

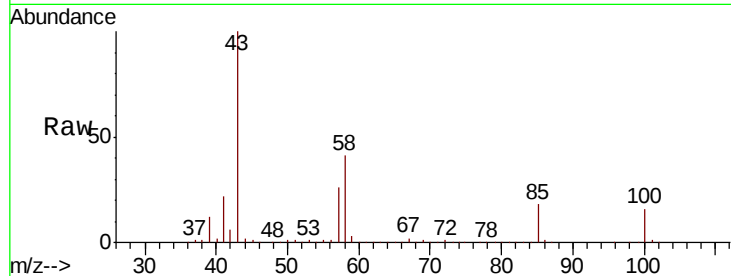
VSTDIC150

Tot Ion: 43 Resp: 3617380

Ion Ratio Lower Upper

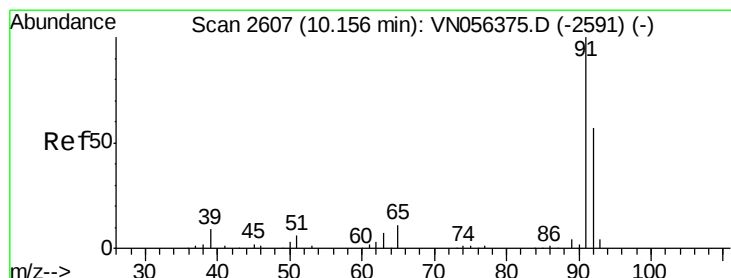
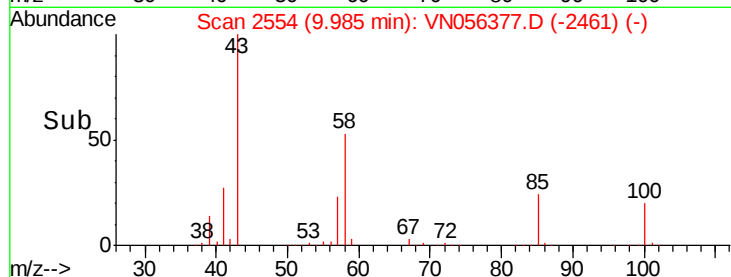
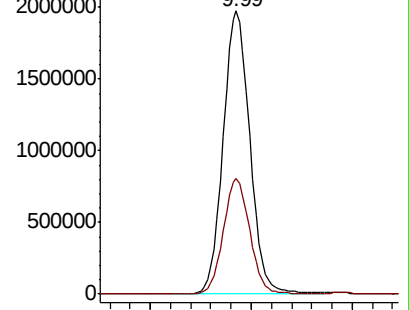
43 100

58 40.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN056377.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056377.D (-2536) (-)



#52

Toluene

Concen: 151.367 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056377.D

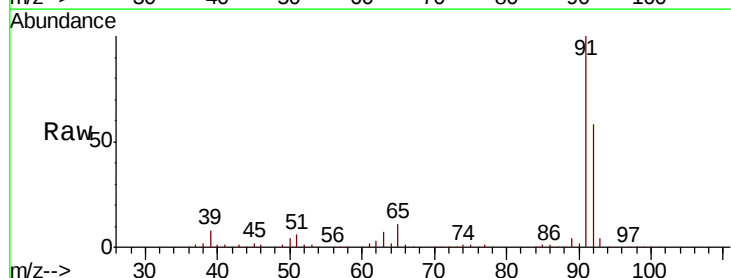
Acq: 19 Jun 2019 10:49

Tgt Ion: 92 Resp: 1376285

Ion Ratio Lower Upper

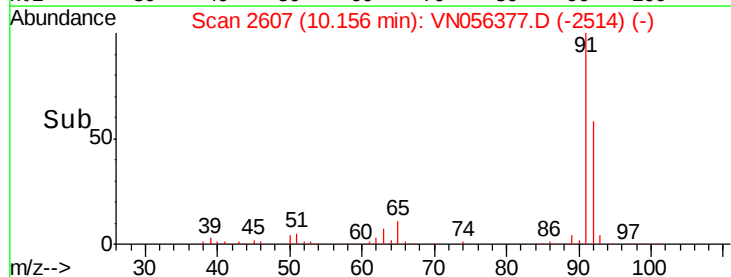
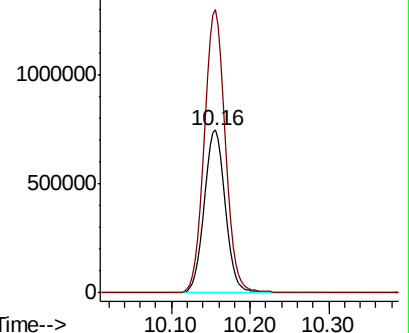
92 100

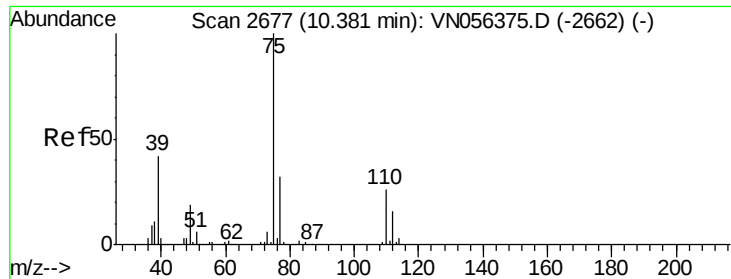
91 173.9 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN056377.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN056377.D (-2514) (-)





#53

t-1,3-Dichloropropene

Concen: 165.985 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

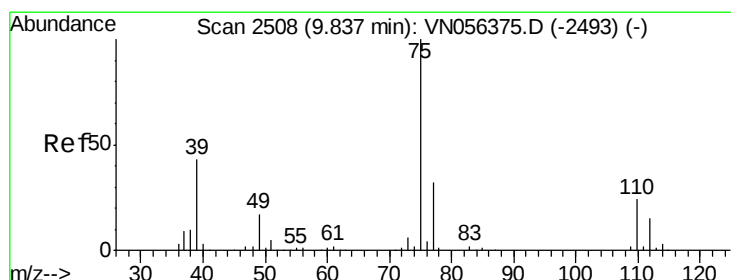
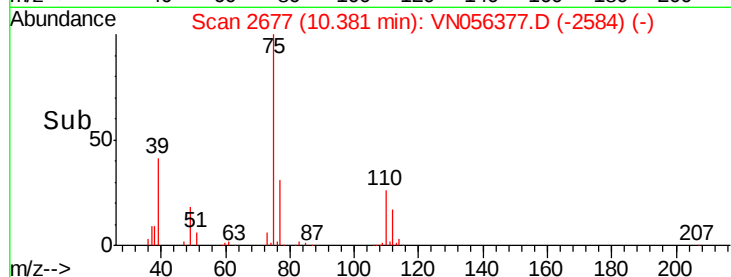
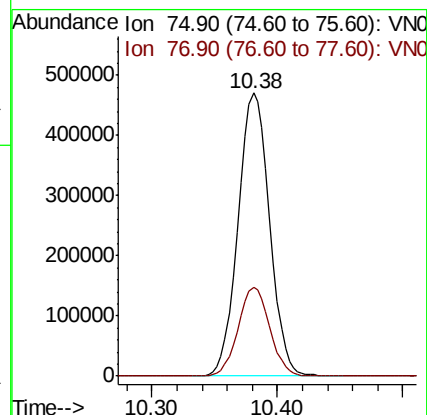
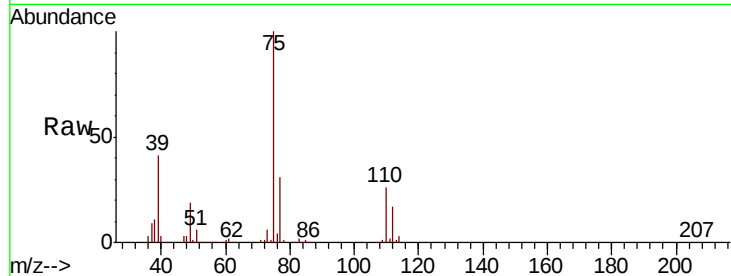
VSTDIC150

Tot Ion: 75 Resp: 820649

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 159.556 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

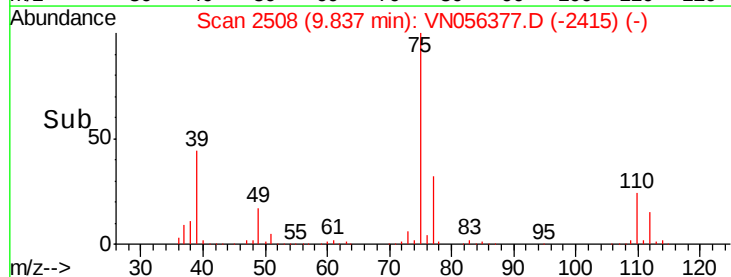
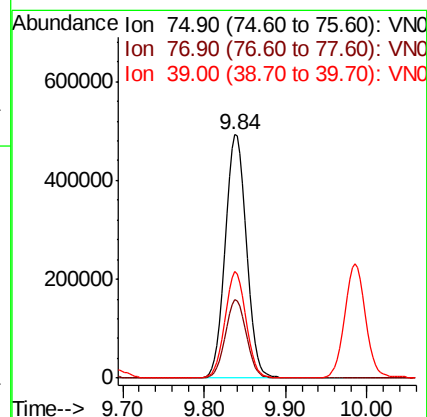
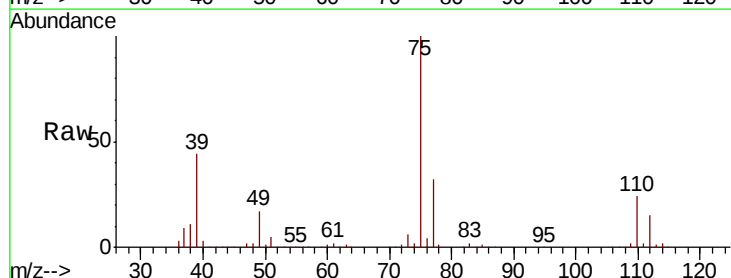
Tgt Ion: 75 Resp: 913831

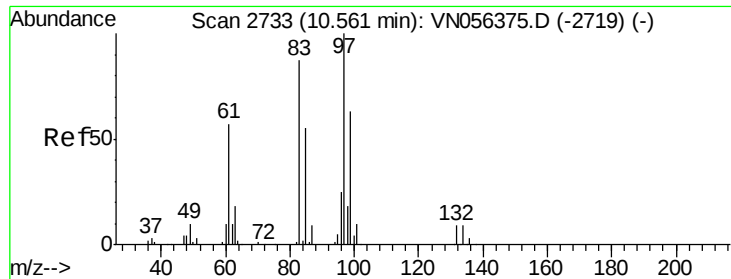
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 43.5 34.2 51.4



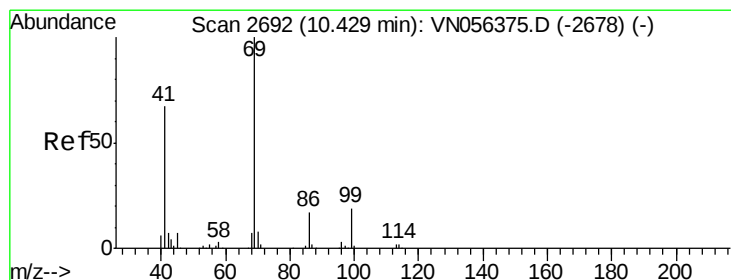
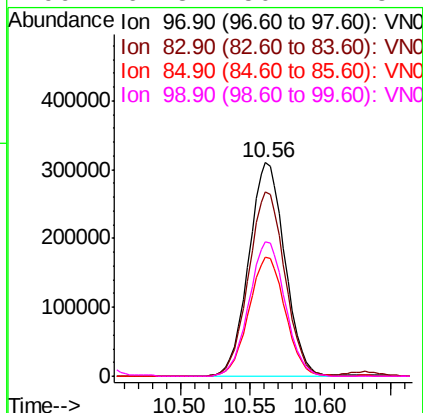
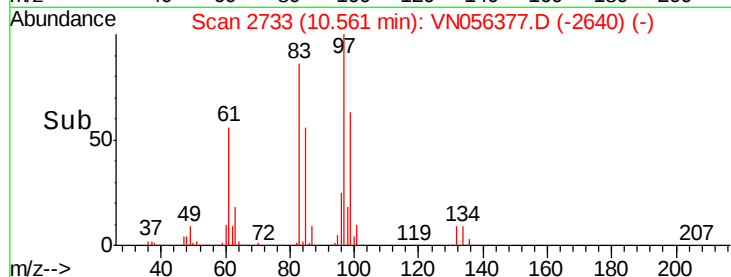
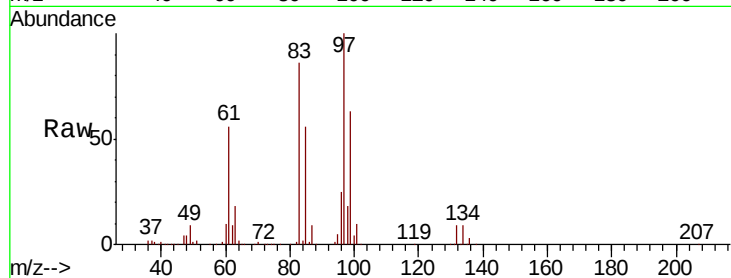


#55
 1,1,2-Trichloroethane
 Concen: 148.385 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 556840

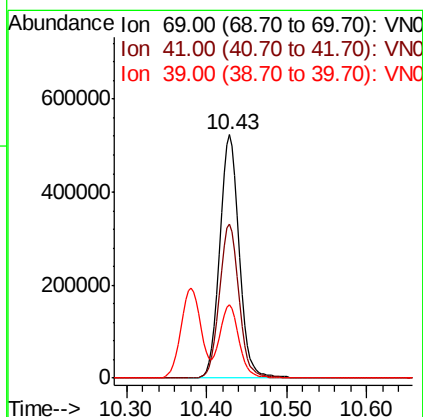
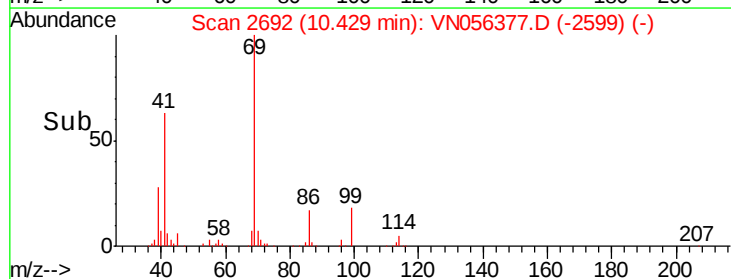
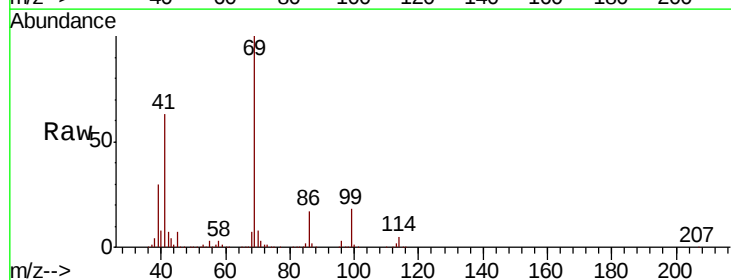
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.6
85	55.5	43.8	65.8
99	62.8	50.2	75.2

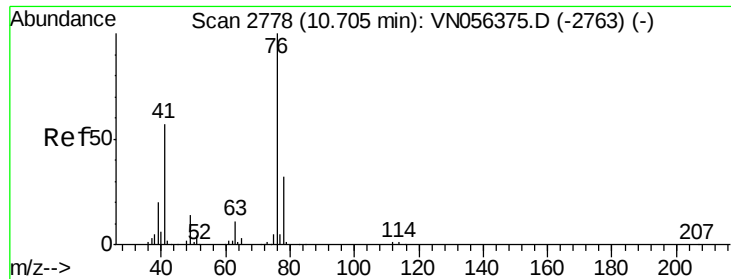


#56
 Ethyl methacrylate
 Concen: 164.232 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 69 Resp: 884775

Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.4	77.2
39	29.9	24.7	37.1

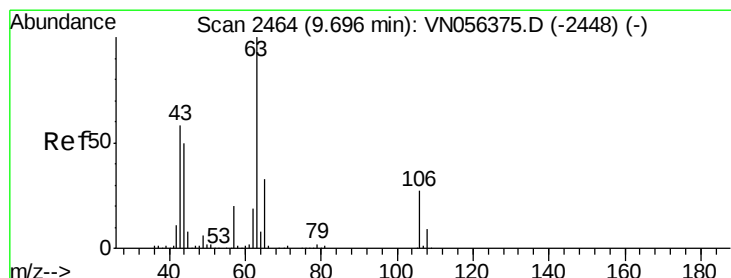
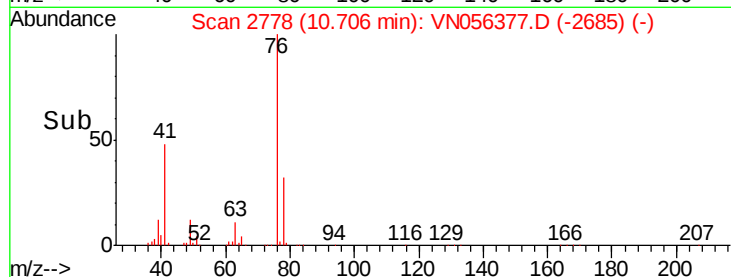
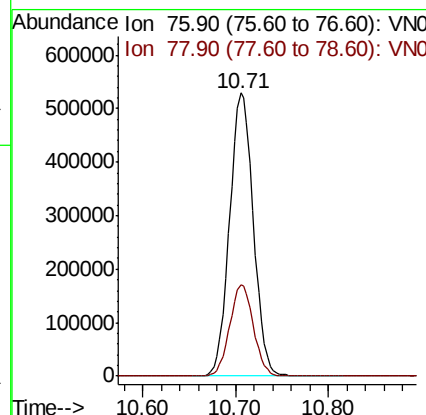
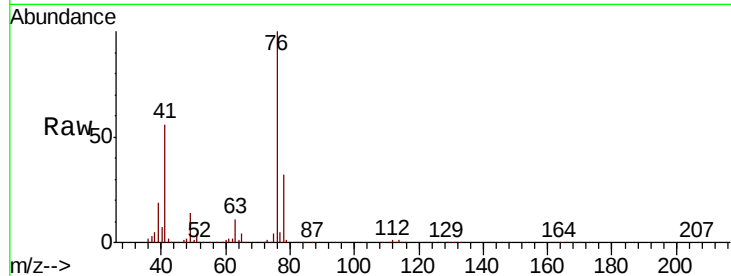




#57
 1,3-Dichloropropane
 Concen: 148.617 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

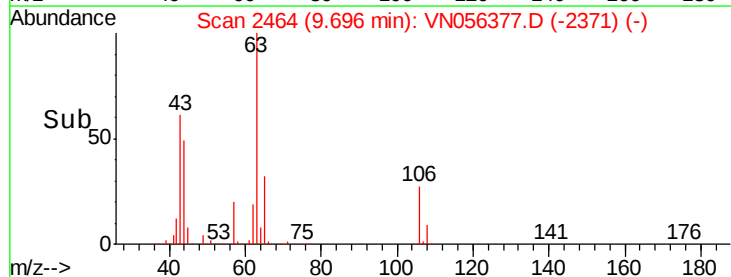
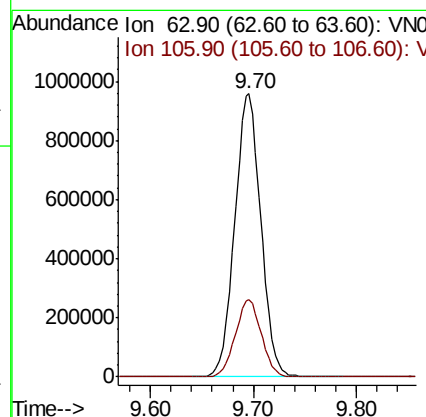
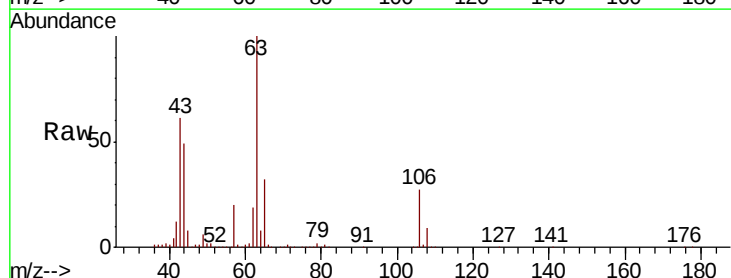
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

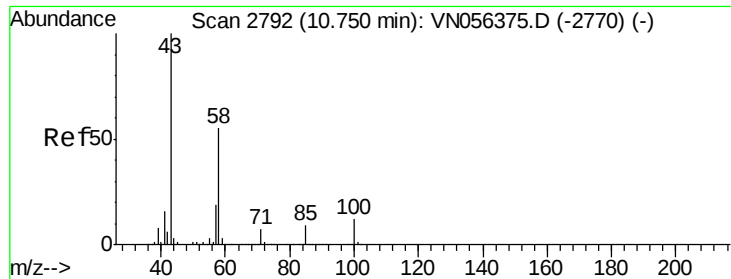
Tot Ion: 76 Resp: 938407
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 947.807 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 63 Resp: 1687721
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

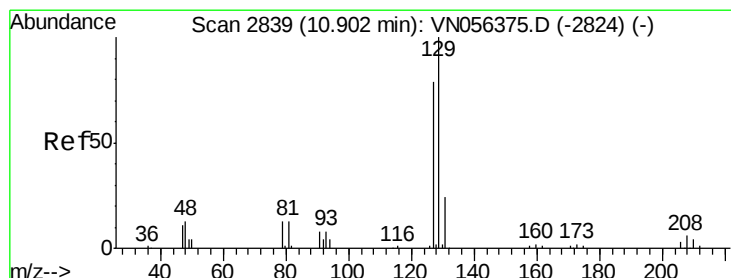
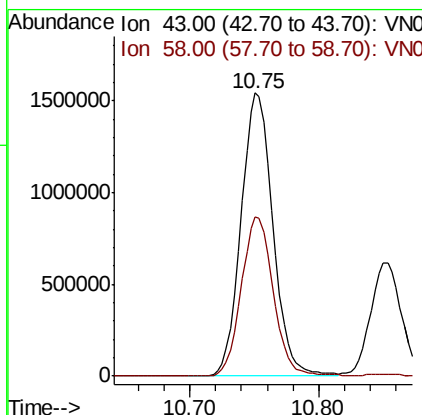
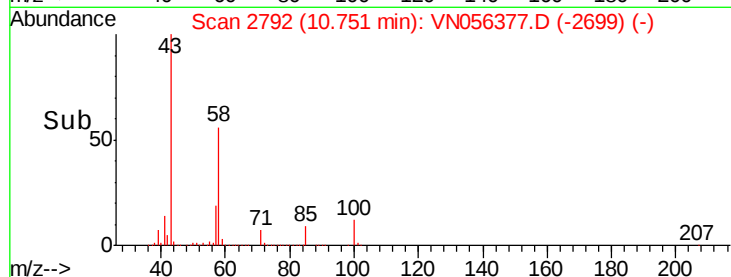
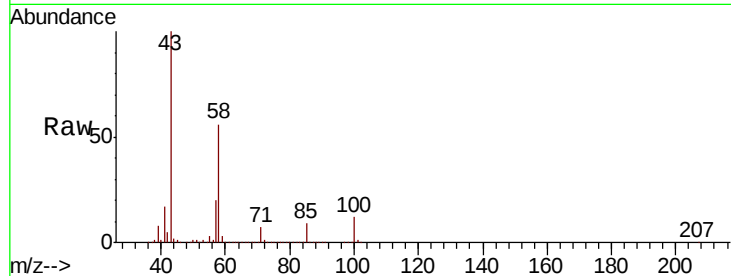




#59
2-Hexanone
Concen: 751.007 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

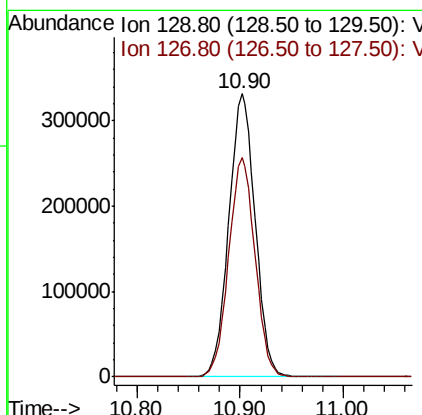
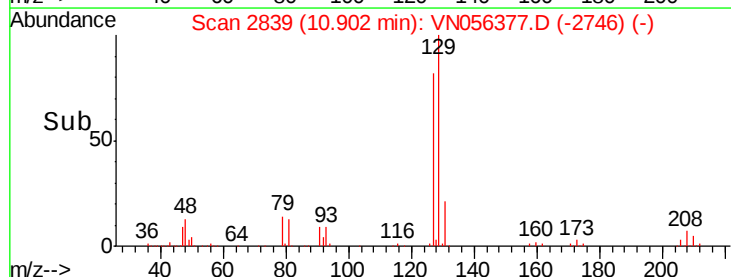
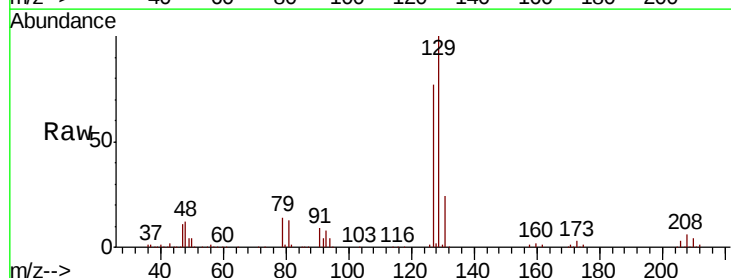
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

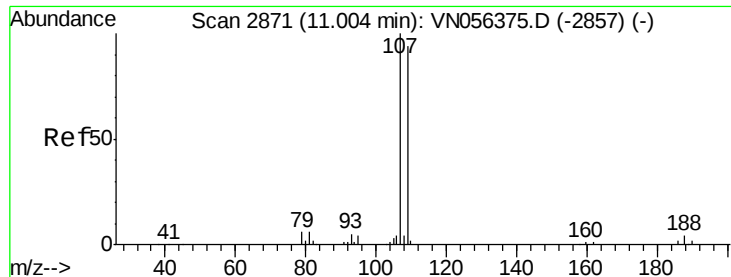
Tot Ion: 43 Resp: 2650002
Ion Ratio Lower Upper
43 100
58 56.6 27.8 83.4



#60
Dibromochloromethane
Concen: 152.751 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:129 Resp: 590988
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 153.371 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

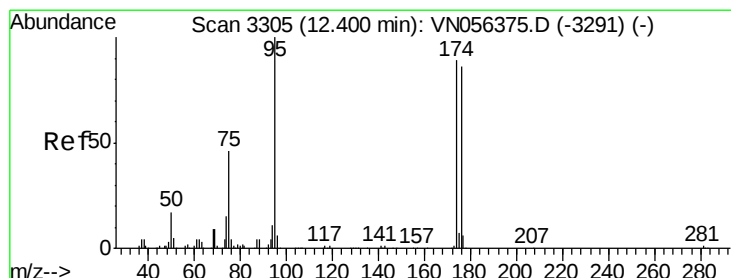
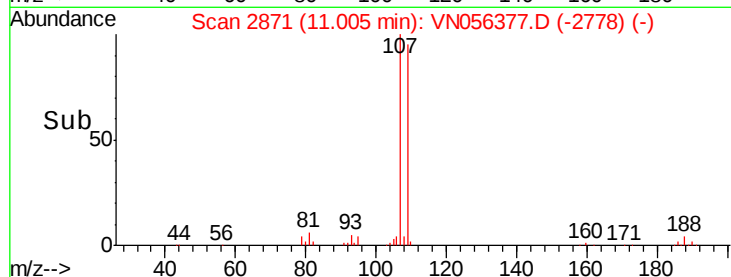
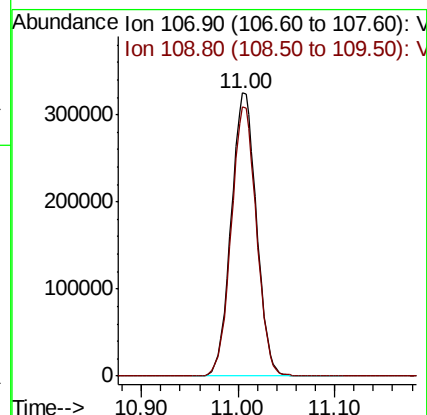
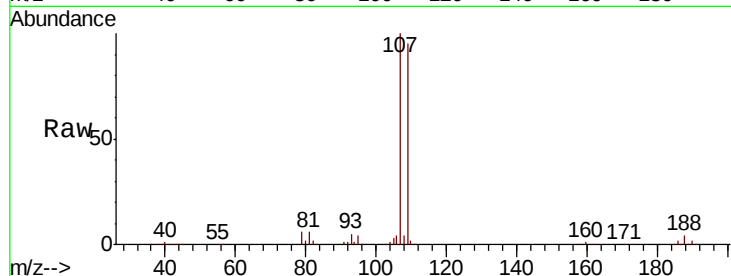
VSTDIC150

Tot Ion:107 Resp: 590565

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 156.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

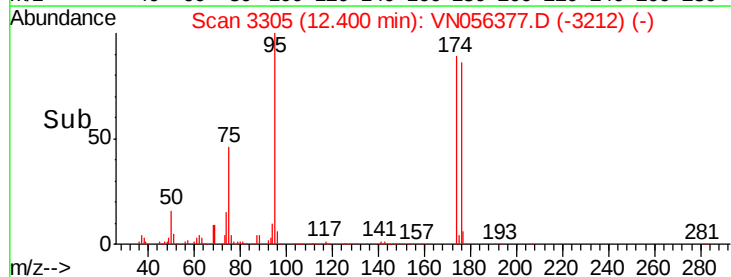
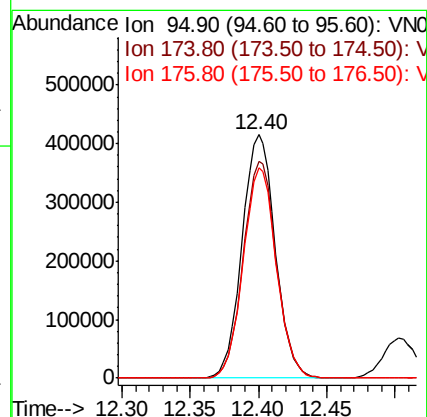
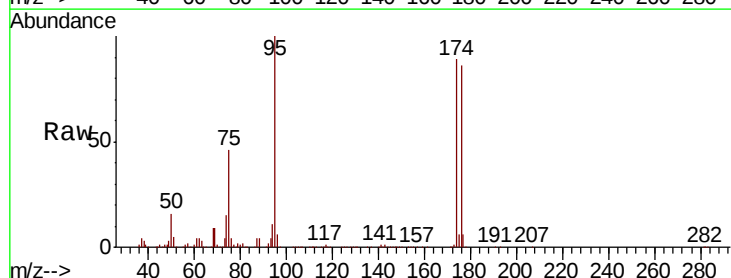
Tgt Ion: 95 Resp: 699497

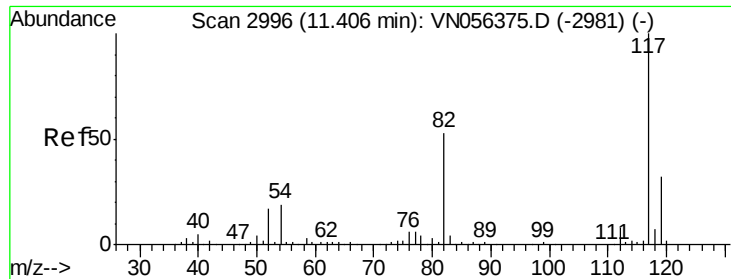
Ion Ratio Lower Upper

95 100

174 88.9 0.0 179.4

176 86.4 0.0 173.4

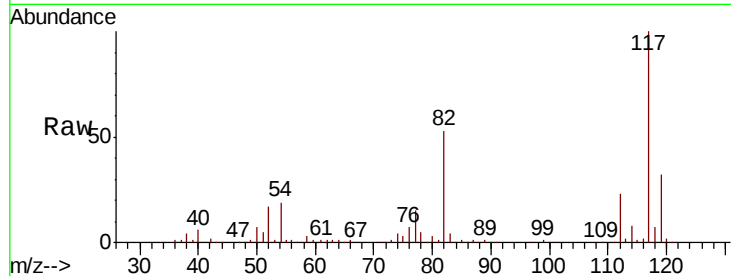




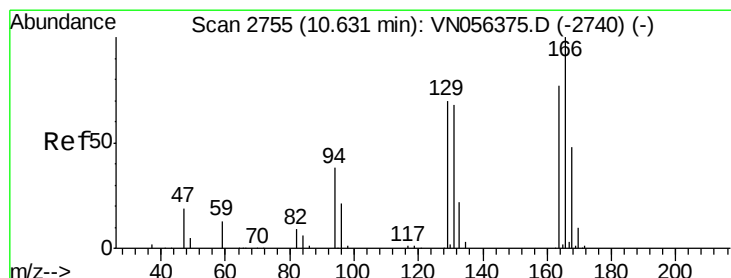
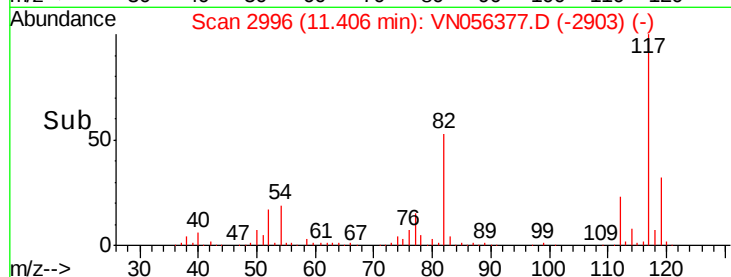
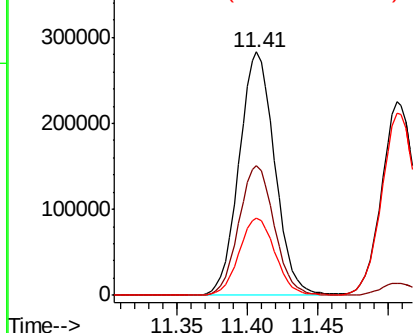
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 501978
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 31.7 25.3 37.9

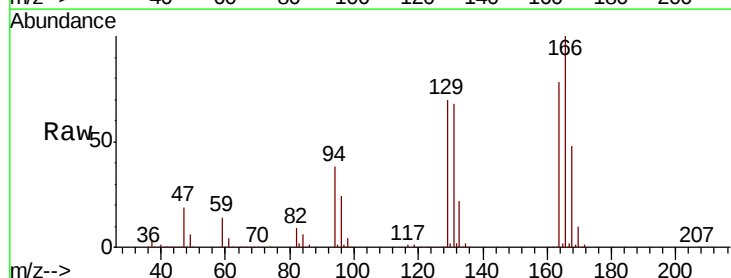


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

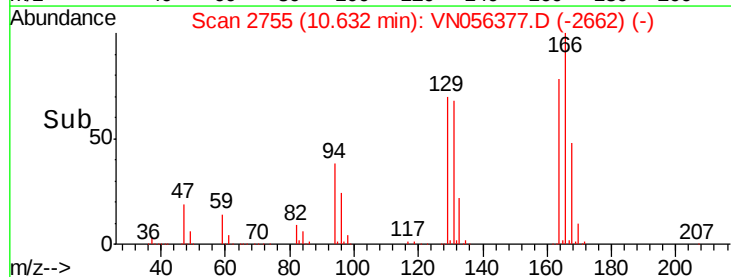
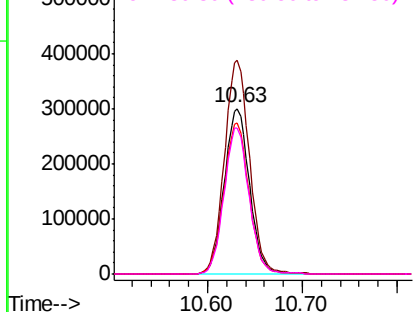


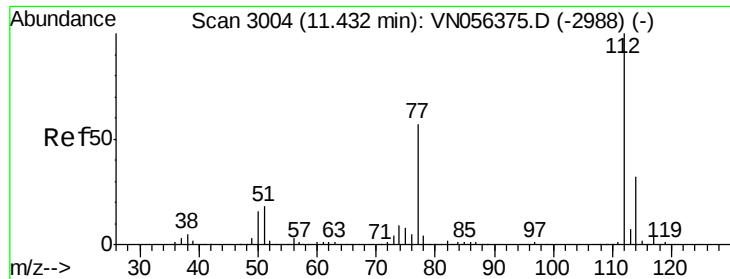
#64
Tetrachloroethene
Concen: 136.717 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:164 Resp: 556767
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.0
129 90.8 72.0 108.0
131 88.1 70.2 105.2



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

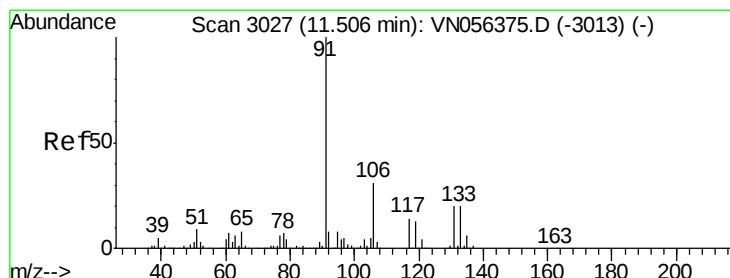
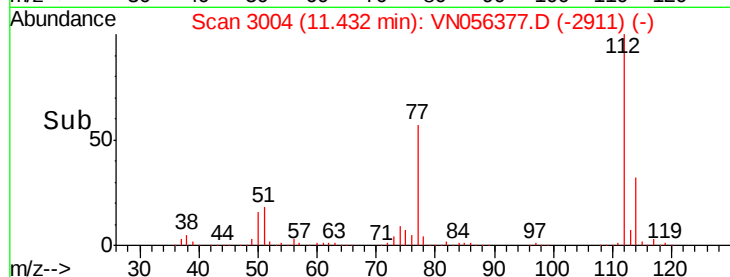
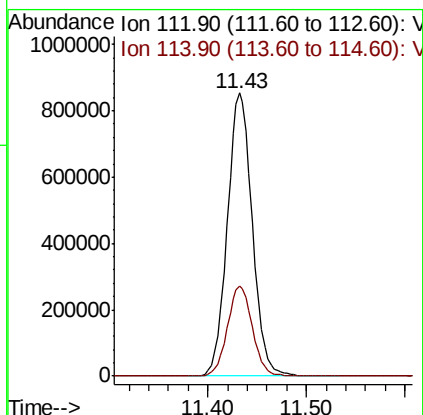
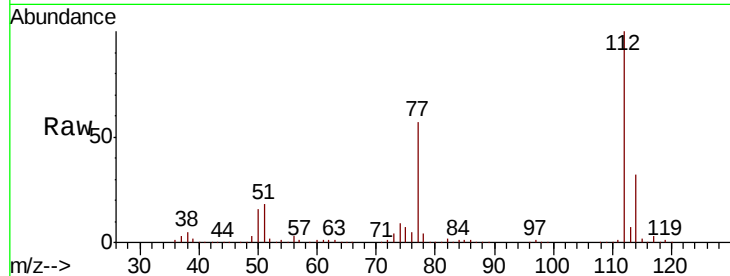




#65
Chlorobenzene
Concen: 148.700 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

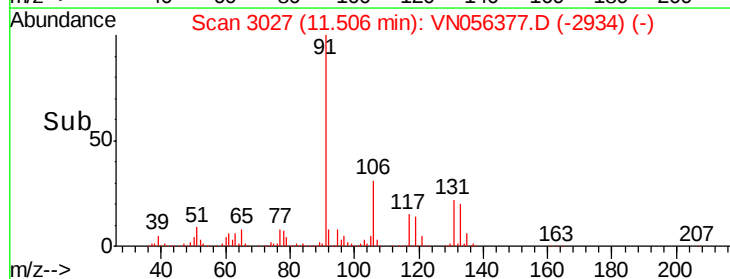
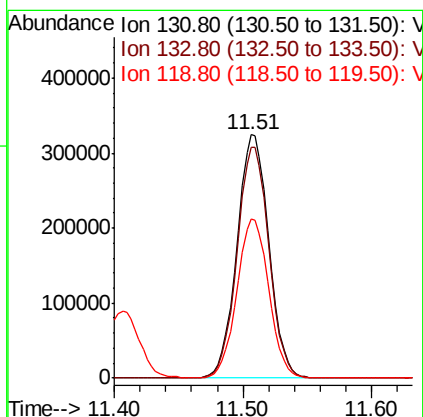
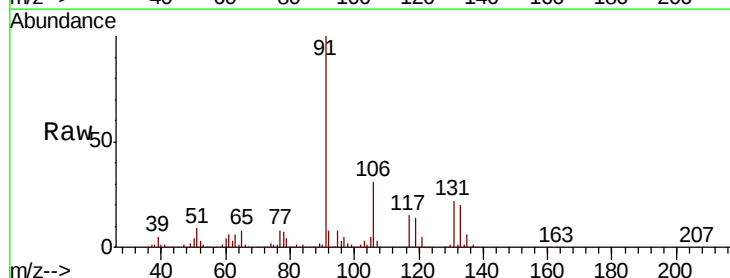
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

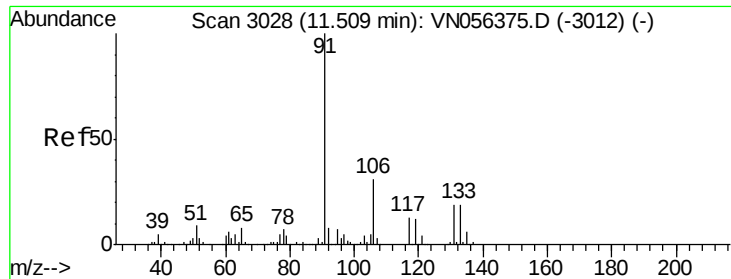
Tot Ion:112 Resp: 1507637
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 147.974 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:131 Resp: 556522
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 65.6 32.8 98.4

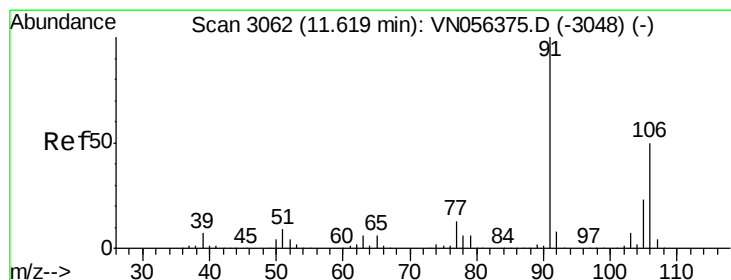
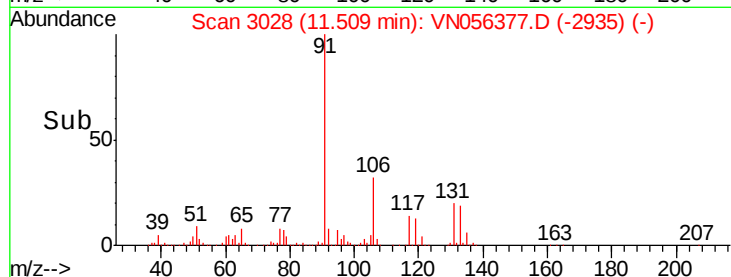
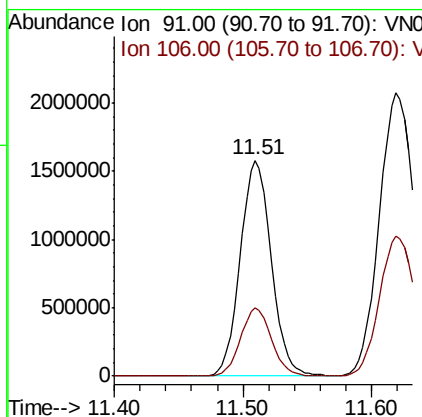
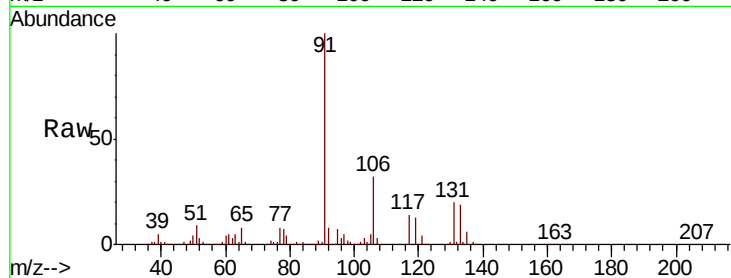




#67
Ethyl Benzene
Concen: 152.144 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

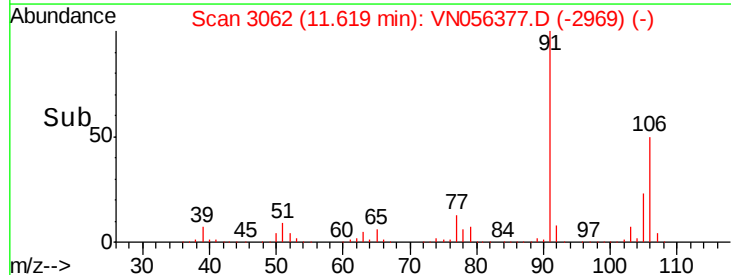
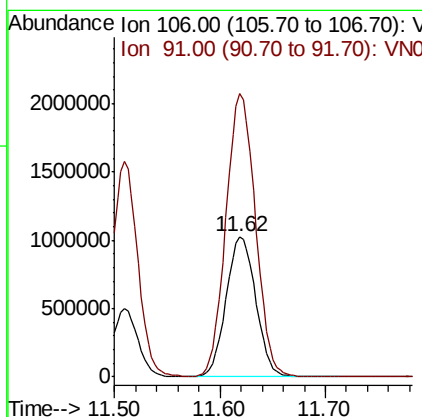
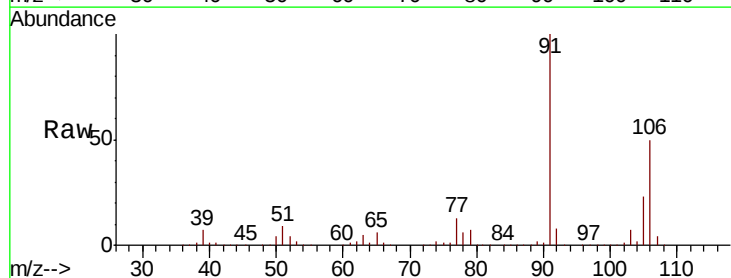
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

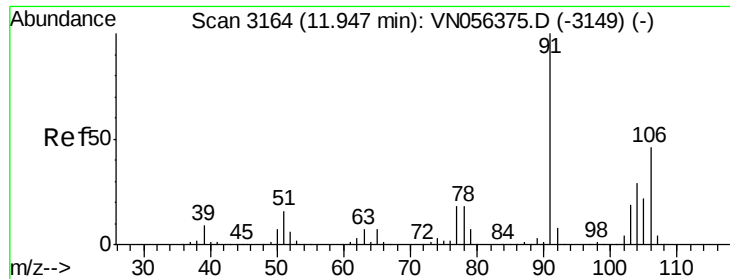
Tot Ion: 91 Resp: 2653045
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 307.304 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 106 Resp: 1990788
Ion Ratio Lower Upper
106 100
91 201.8 160.1 240.1

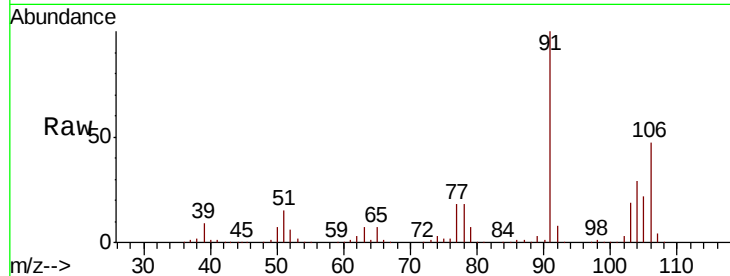




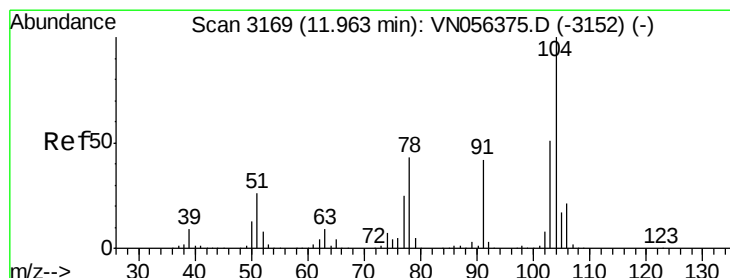
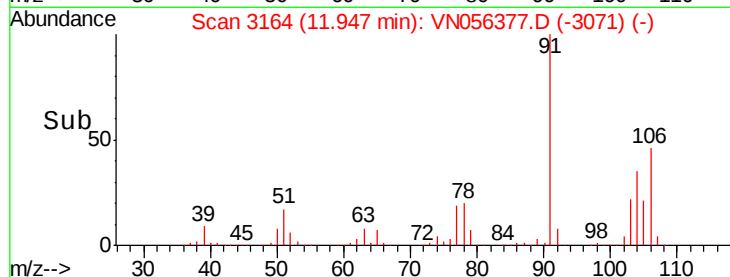
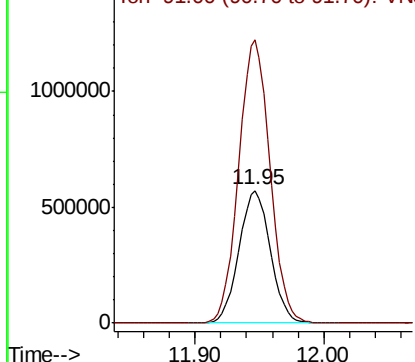
#69
o-Xylene
Concen: 151.411 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 966749
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.3

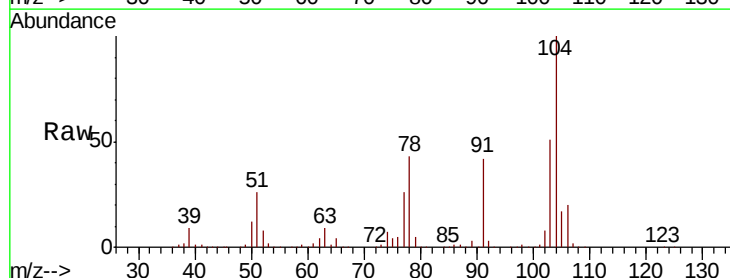


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

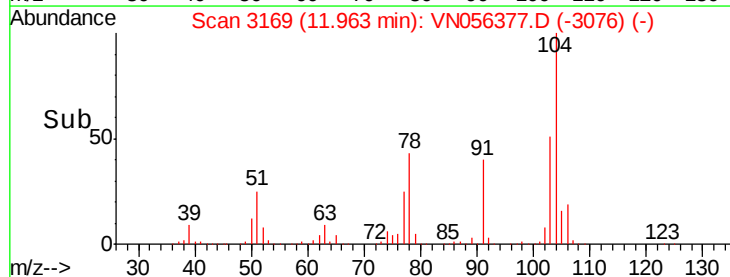
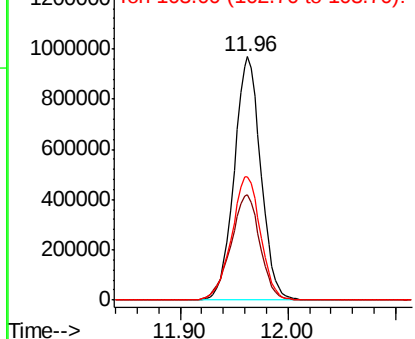


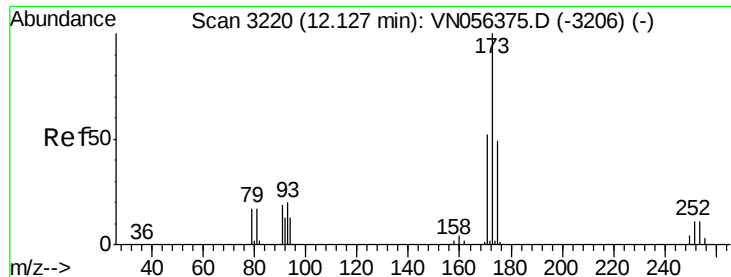
#70
Styrene
Concen: 161.306 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:104 Resp: 1661855
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 55.3 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: 152.350 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

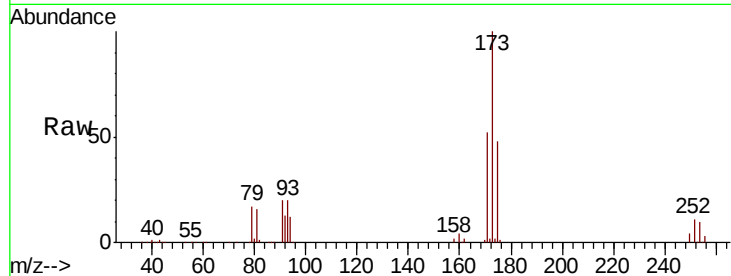
Tot Ion:173 Resp: 436355

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

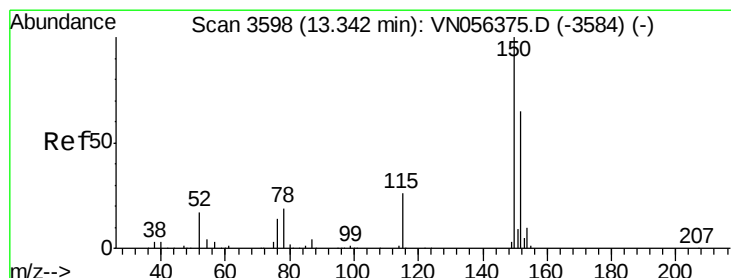
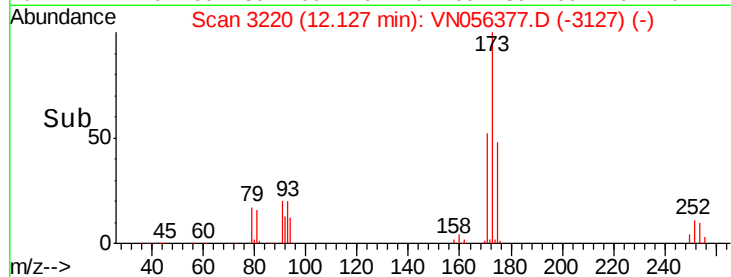
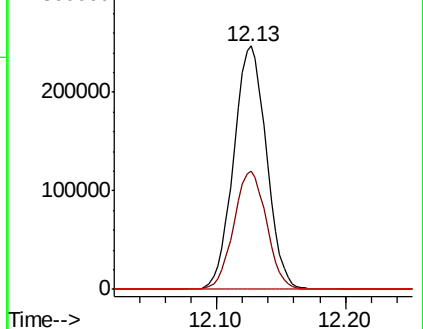
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

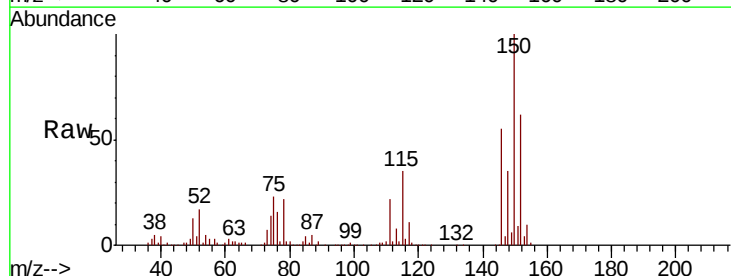
Tgt Ion:152 Resp: 232694

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.4

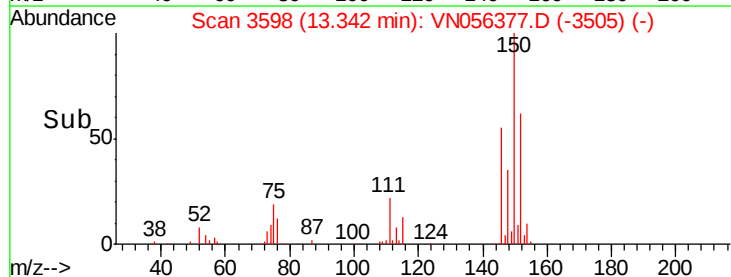
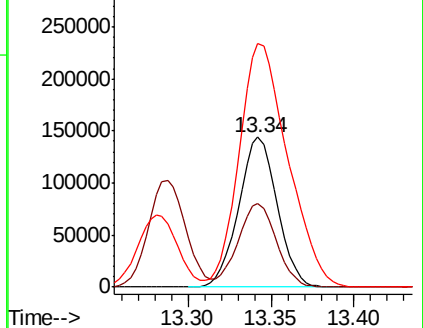
150 205.1 0.0 348.4

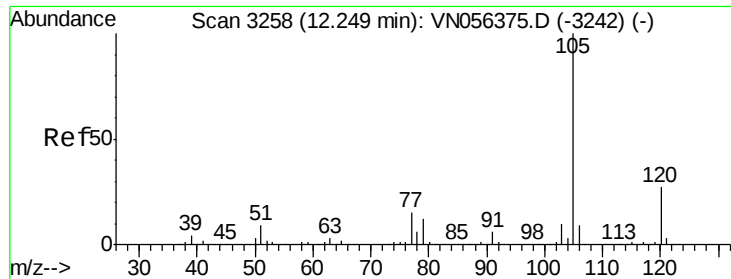


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 127.886 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

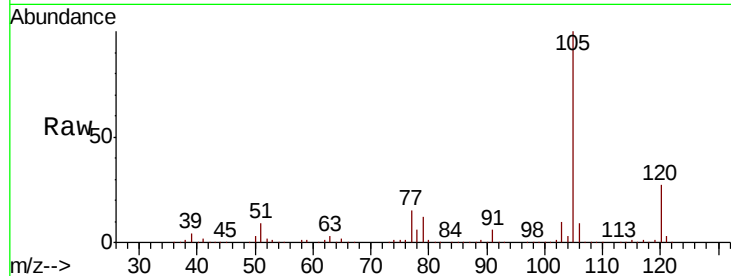
VSTDIC150

Tot Ion:105 Resp: 2540037

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

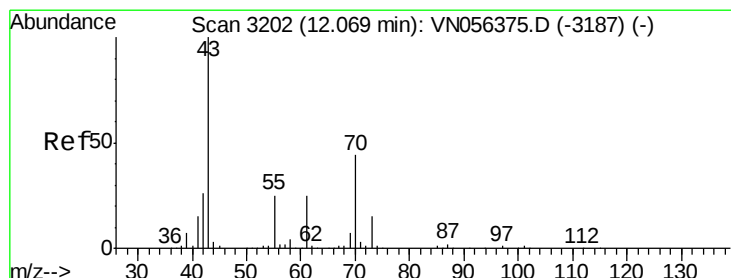
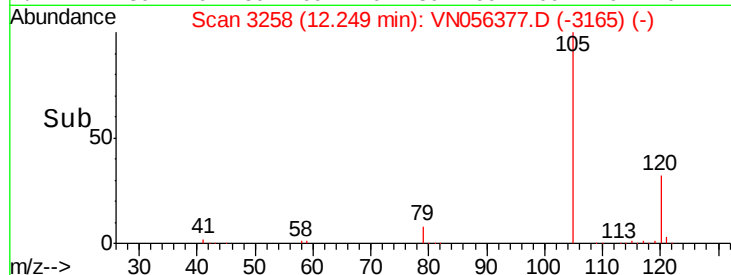
1000000

500000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 135.395 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tgt Ion: 43 Resp: 988721

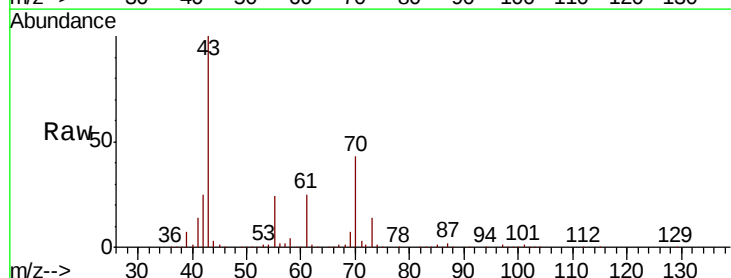
Ion Ratio Lower Upper

43 100

70 43.4 34.9 52.3

55 24.4 20.4 30.6

61 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

1000000

800000

600000

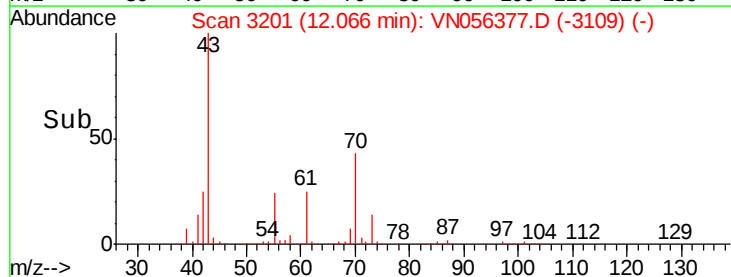
400000

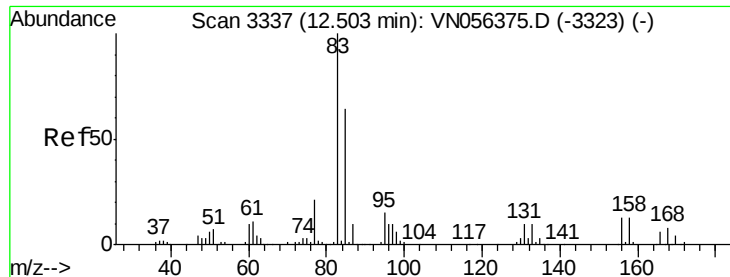
200000

0

12.00 12.07 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 119.395 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

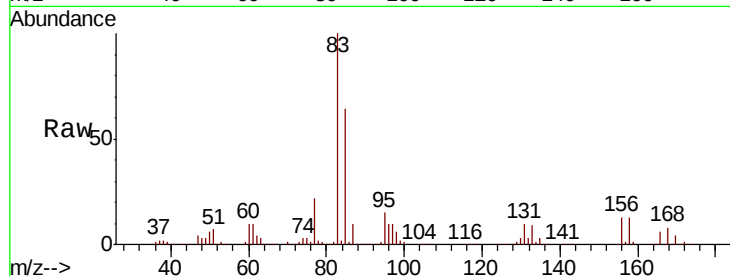
Tot Ion: 83 Resp: 774643

Ion Ratio Lower Upper

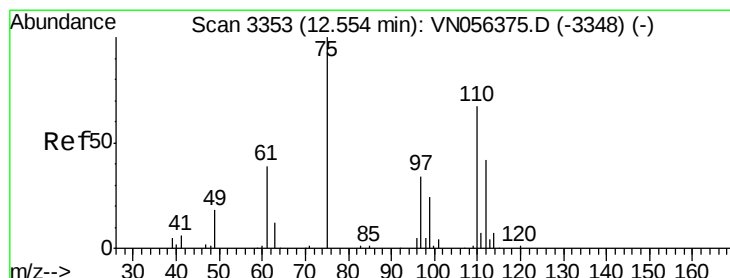
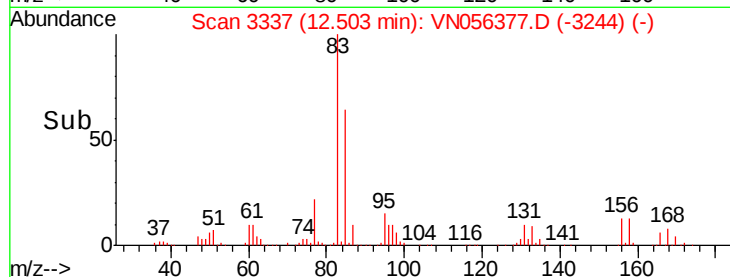
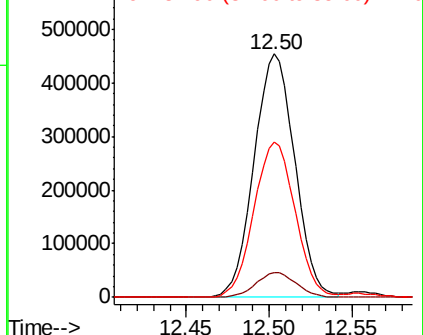
83 100

131 10.3 5.3 15.8

85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 194.031 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056377.D

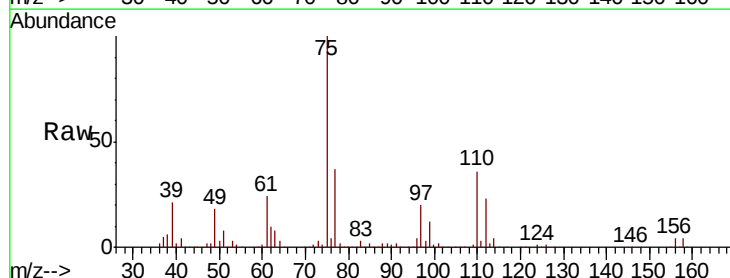
Acq: 19 Jun 2019 10:49

Tgt Ion: 75 Resp: 956618

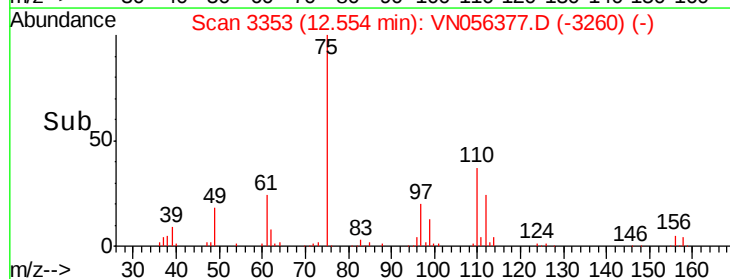
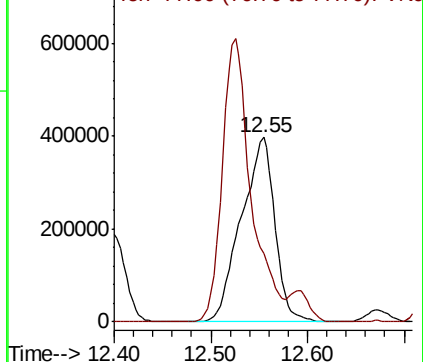
Ion Ratio Lower Upper

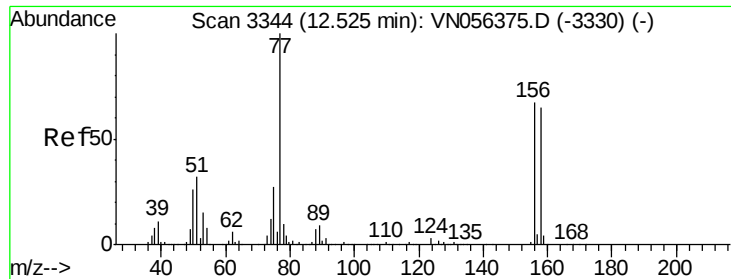
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 128.529 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

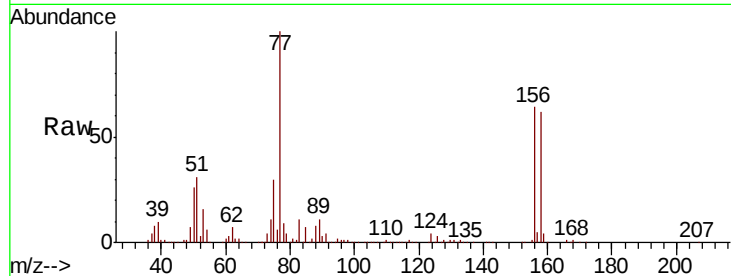
Tot Ion:156 Resp: 672421

Ion Ratio Lower Upper

156 100

77 188.6 92.5 277.3

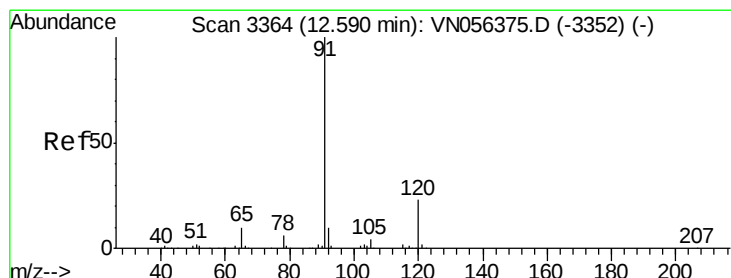
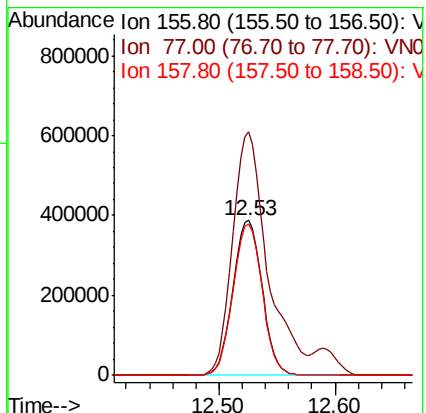
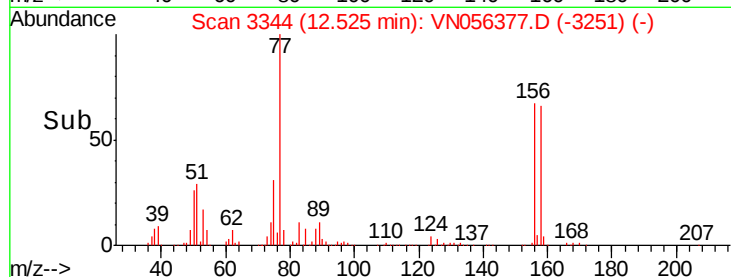
158 97.6 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.303 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056377.D

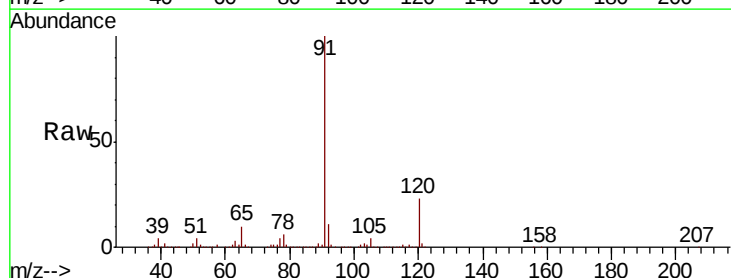
Acq: 19 Jun 2019 10:49

Tgt Ion: 91 Resp: 2872415

Ion Ratio Lower Upper

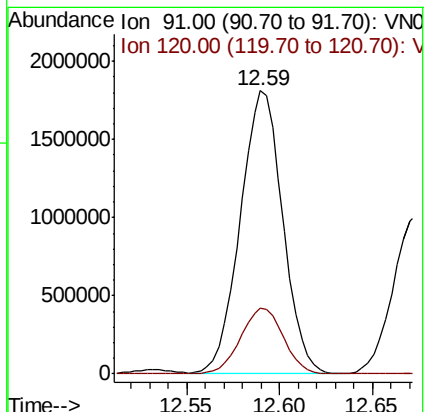
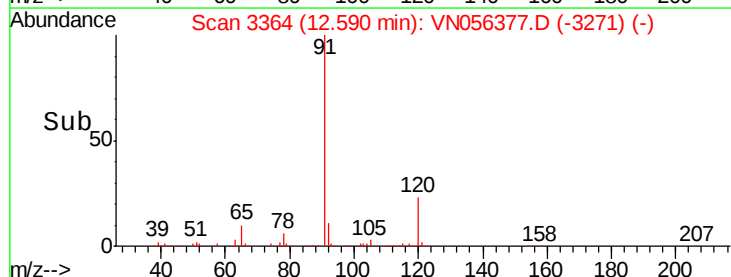
91 100

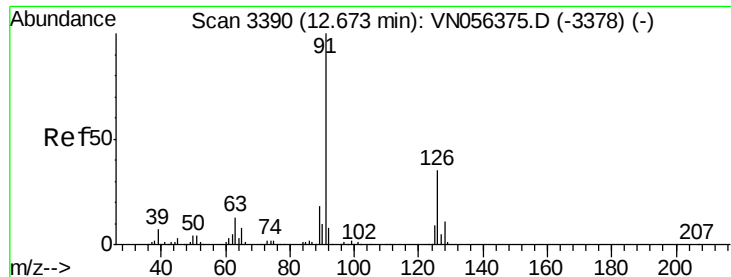
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 128.229 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

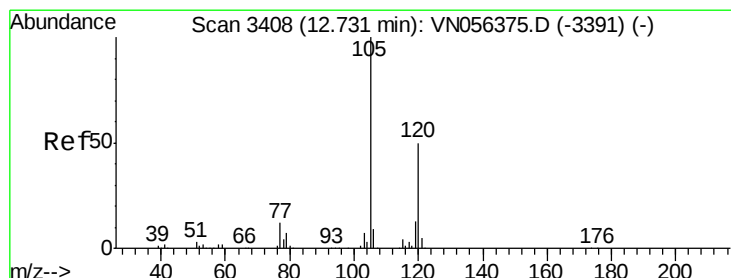
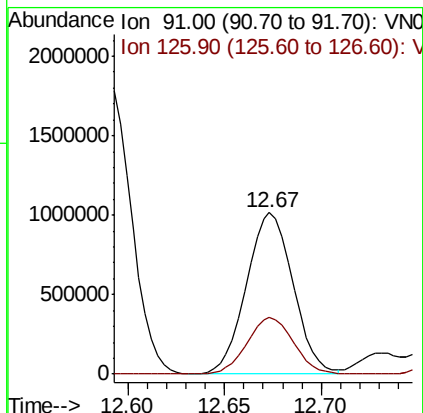
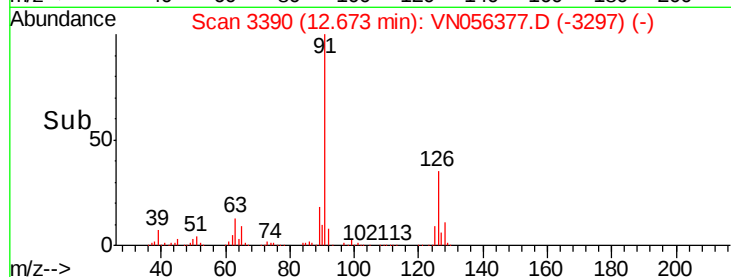
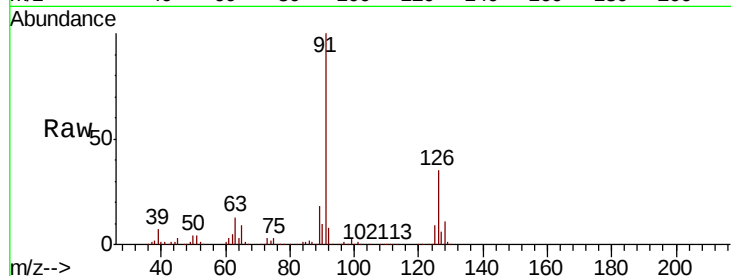
VSTDIC150

Tot Ion: 91 Resp: 1697088

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 132.236 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056377.D

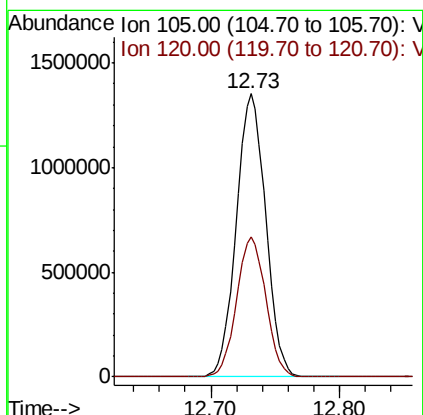
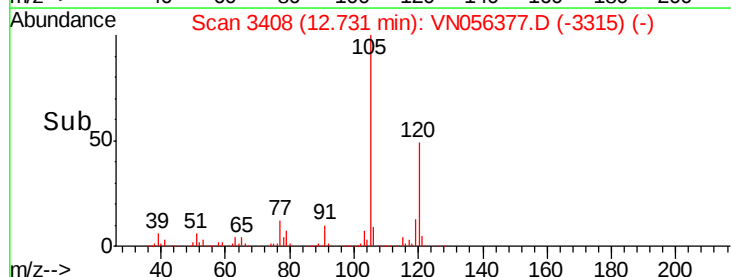
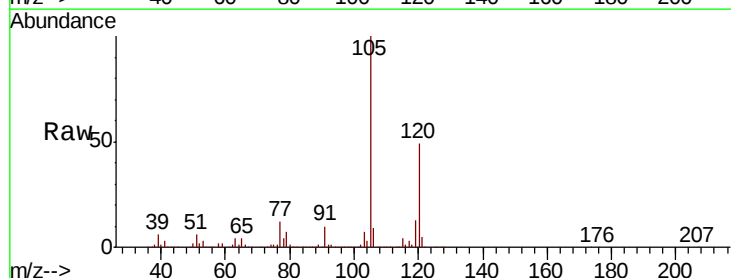
Acq: 19 Jun 2019 10:49

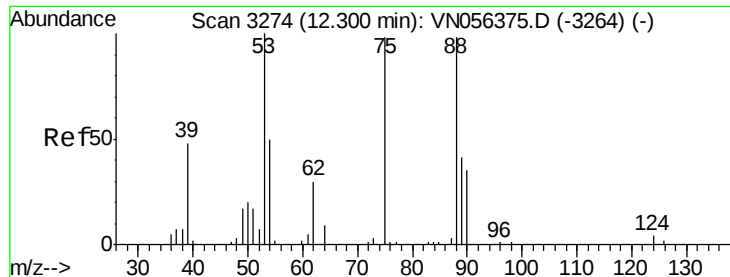
Tgt Ion: 105 Resp: 2136810

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 149.578 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

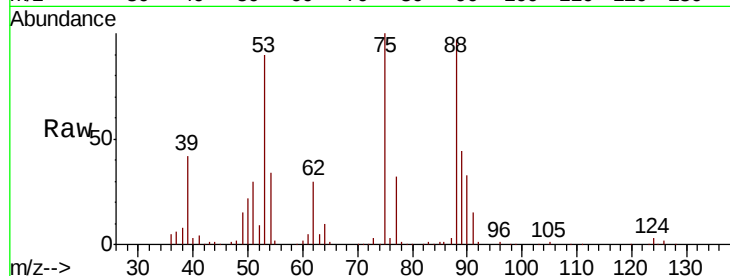
Tot Ion: 75 Resp: 231487

Ion Ratio Lower Upper

75 100

53 89.0 83.9 125.9

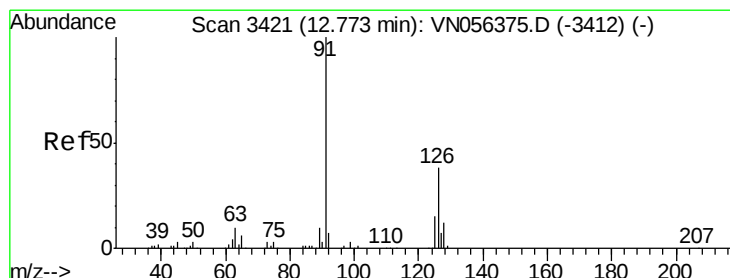
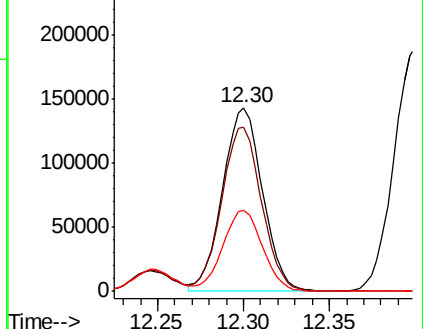
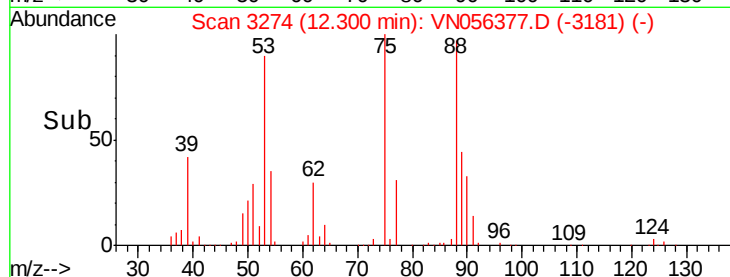
89 44.0 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN056377.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056377.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056377.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 139.873 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056377.D

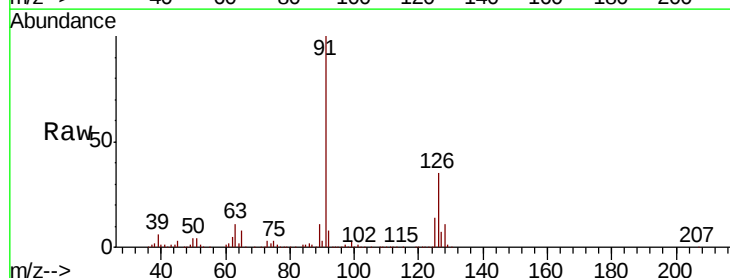
Acq: 19 Jun 2019 10:49

Tgt Ion: 91 Resp: 1707948

Ion Ratio Lower Upper

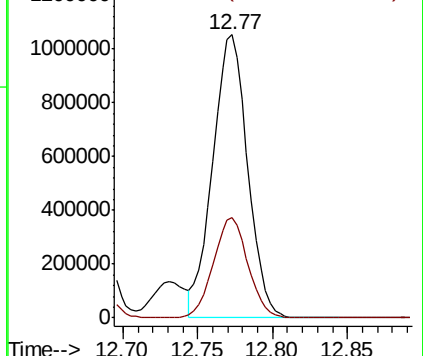
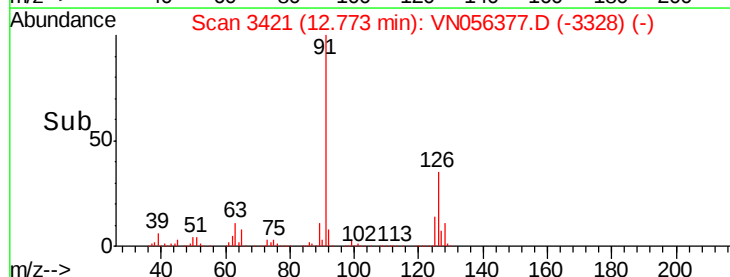
91 100

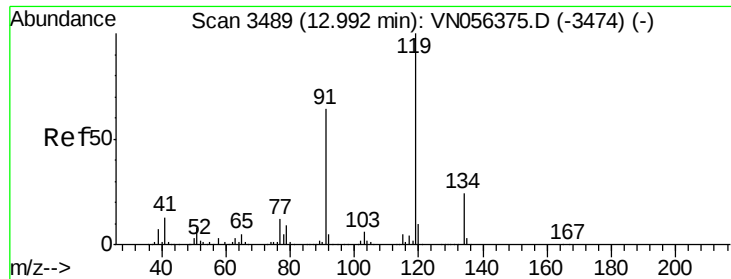
126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN056377.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN056377.D (-3328) (-)

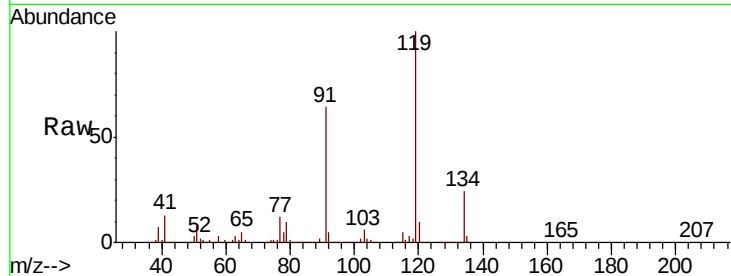




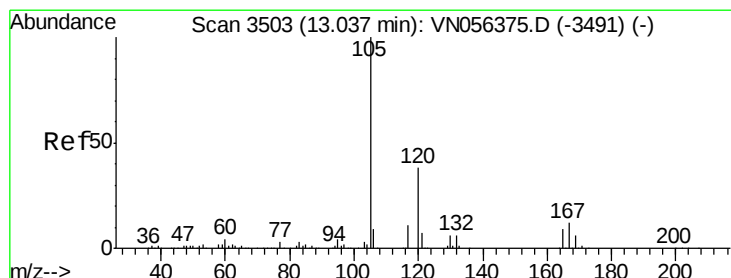
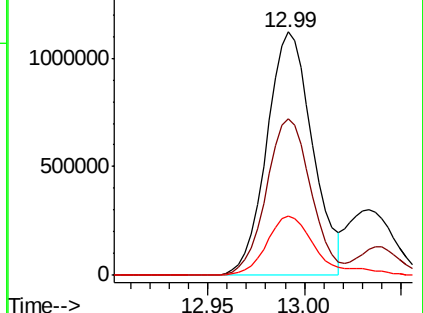
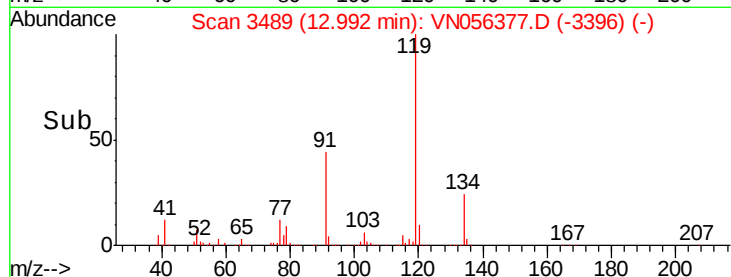
#83
tert-Butylbenzene
Concen: 127.333 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1847019
Ion Ratio Lower Upper
119 100
91 63.2 31.6 94.7
134 26.4 13.2 39.5

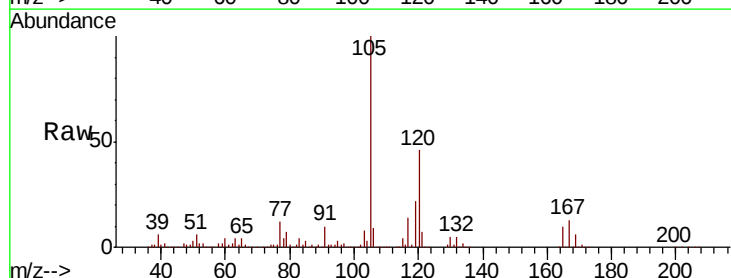


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

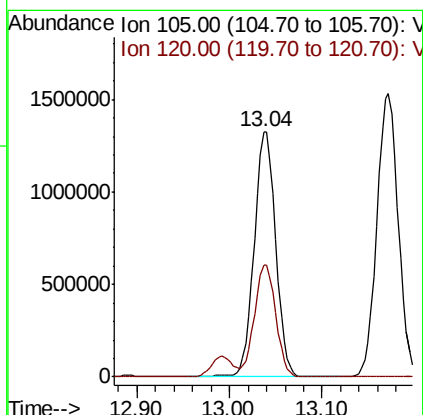
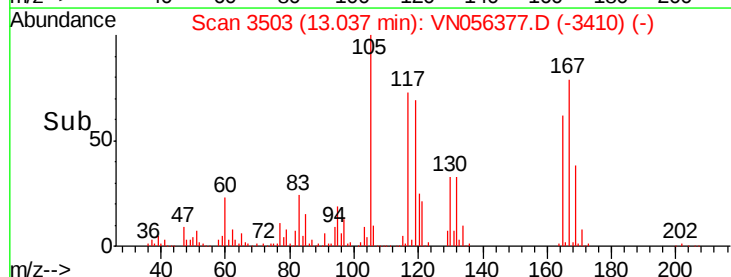


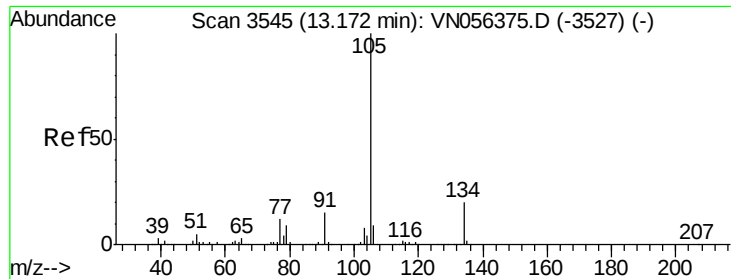
#84
1,2,4-Trimethylbenzene
Concen: 141.035 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:105 Resp: 2124267
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 133.483 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

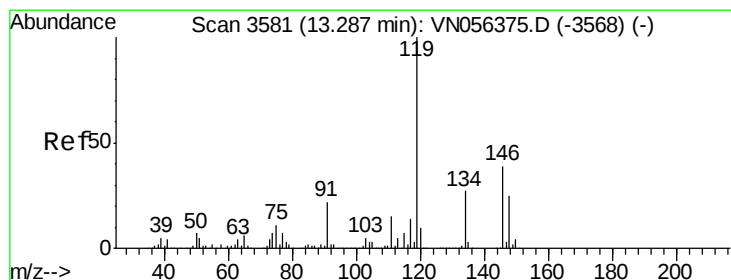
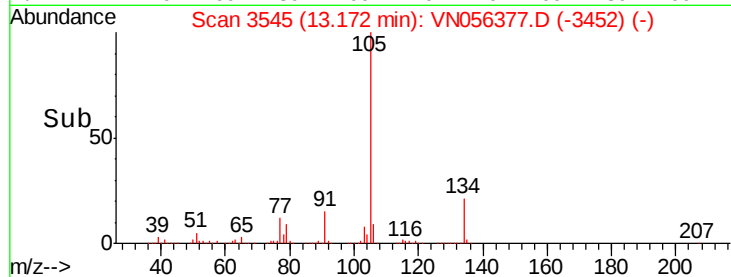
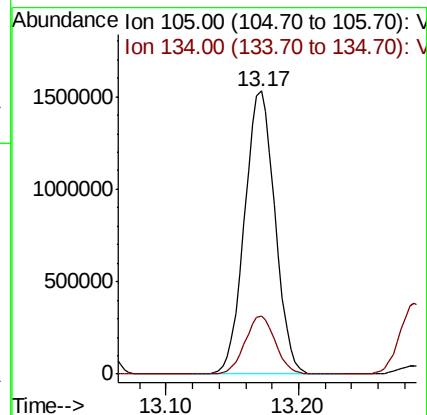
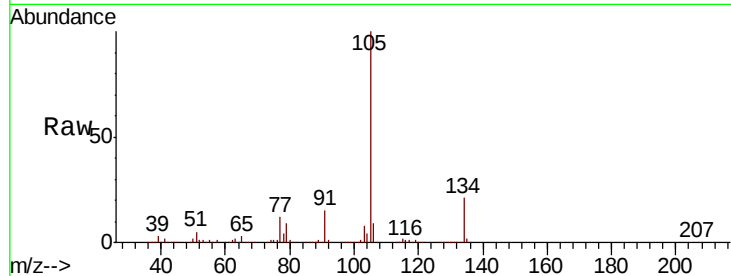
VSTDIC150

Tot Ion:105 Resp: 2435620

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 143.045 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

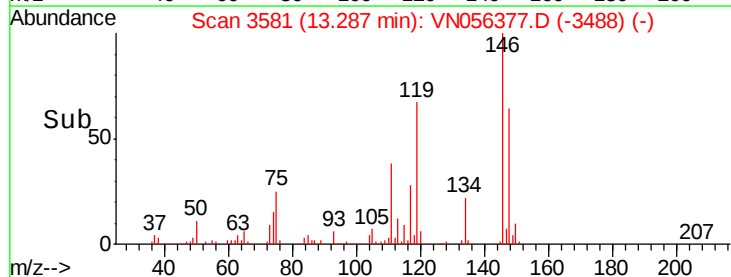
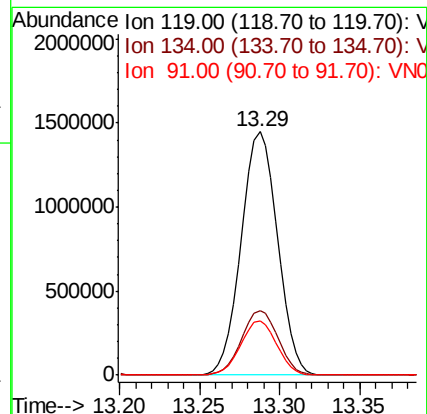
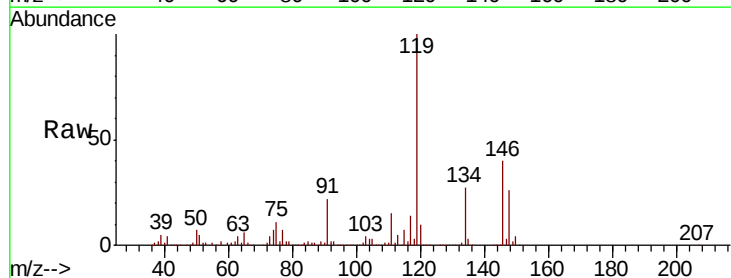
Tgt Ion:119 Resp: 2232904

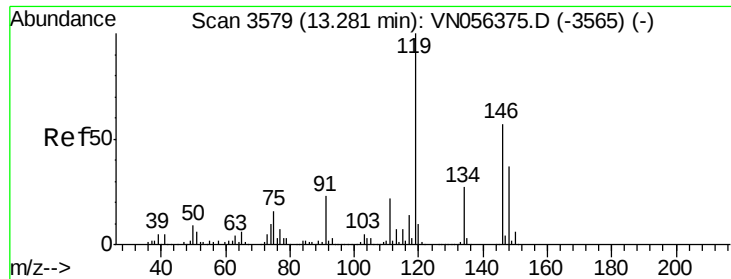
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 144.048 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

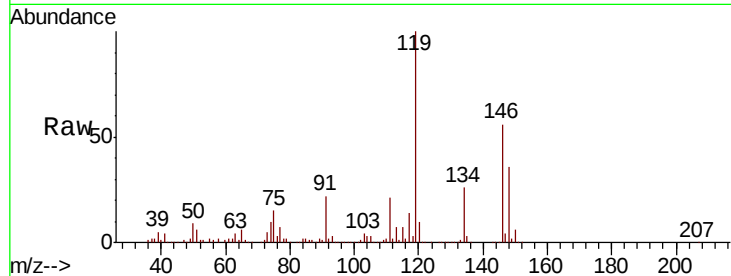
Tot Ion:146 Resp: 1136129

Ion Ratio Lower Upper

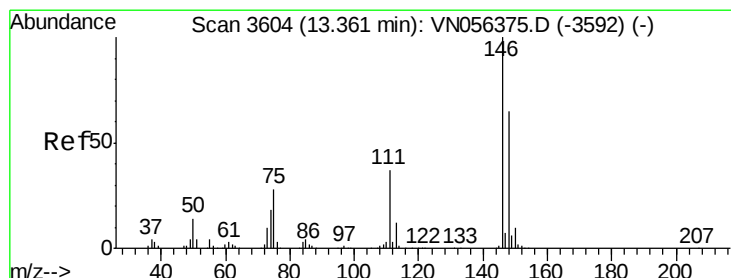
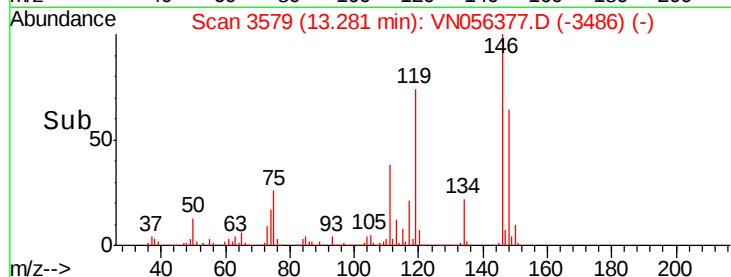
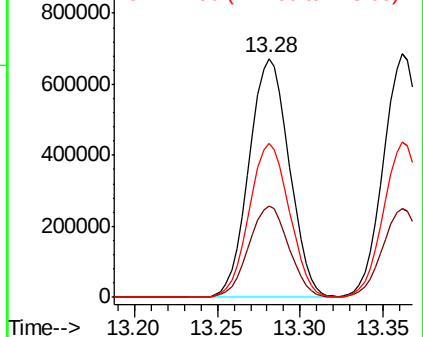
146 100

111 38.0 18.9 56.9

148 64.3 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 147.753 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

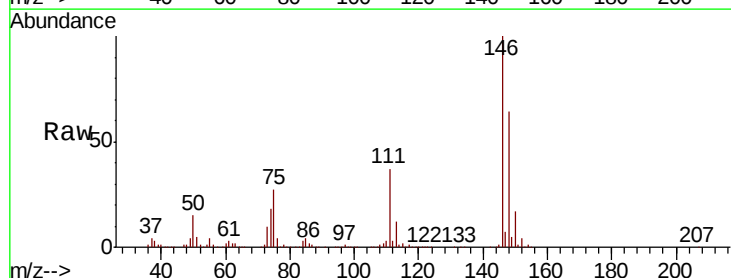
Tgt Ion:146 Resp: 1117808

Ion Ratio Lower Upper

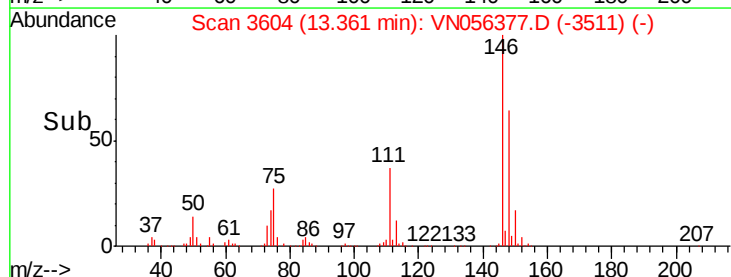
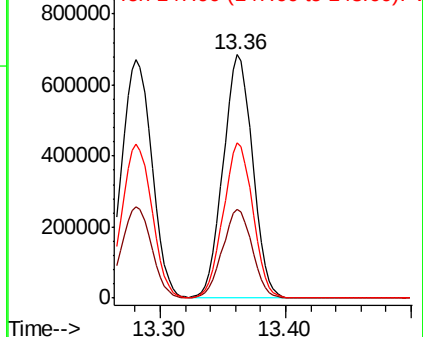
146 100

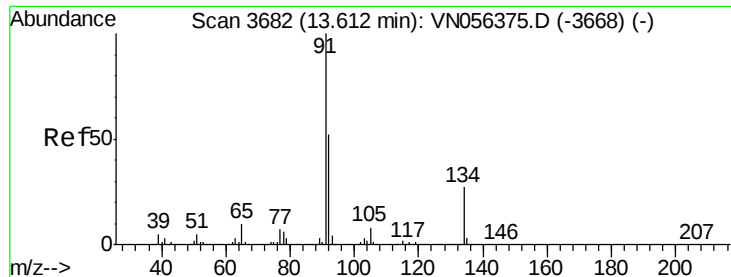
111 36.5 18.4 55.4

148 63.9 32.4 97.0



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





#89

n-Butylbenzene

Concen: 161.495 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

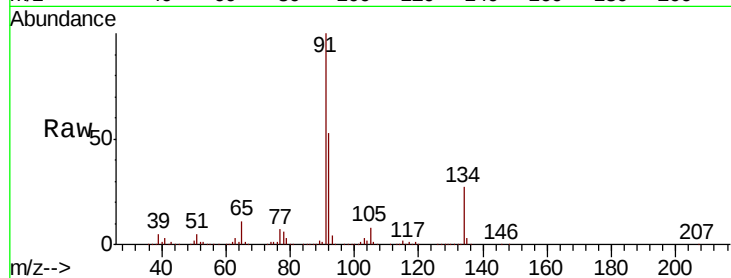
Tot Ion: 91 Resp: 1887519

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 27.1 13.4 40.2

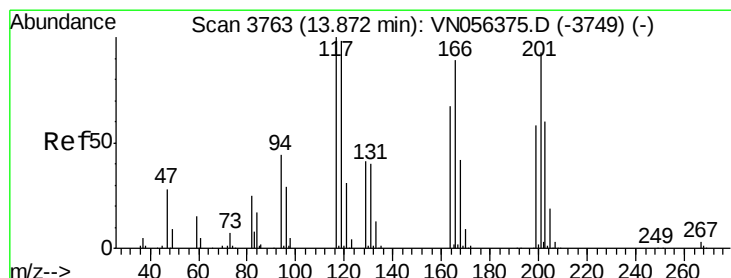
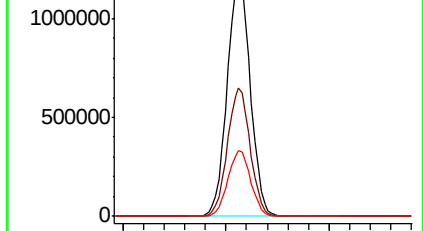
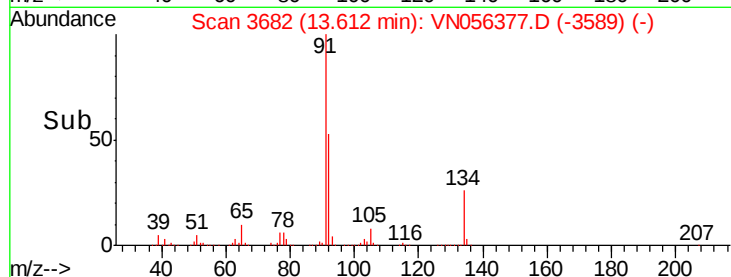


Abundance Ion 91.00 (90.70 to 91.70): VN056377.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056377.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056377.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 122.385 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056377.D

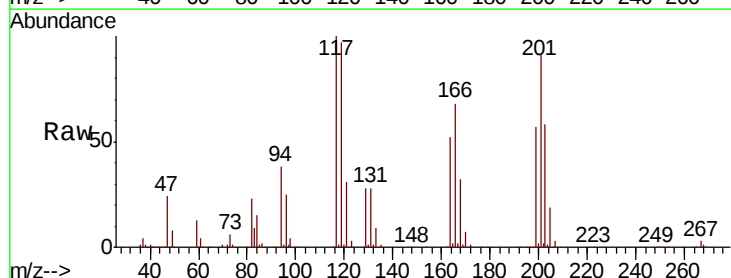
Acq: 19 Jun 2019 10:49

Tgt Ion: 117 Resp: 365813

Ion Ratio Lower Upper

117 100

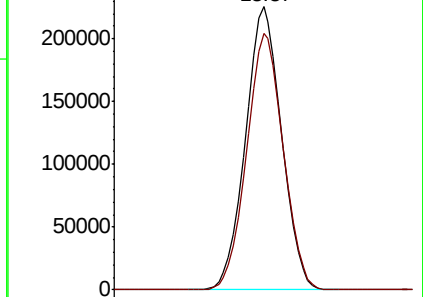
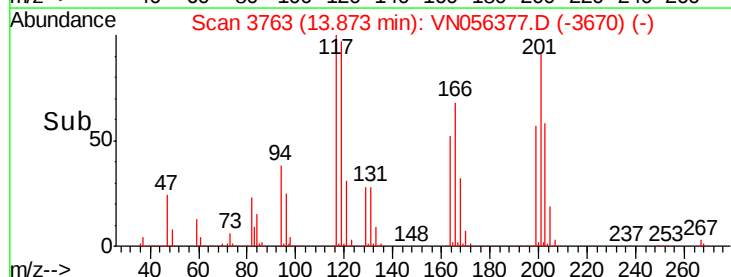
201 91.6 45.9 137.6

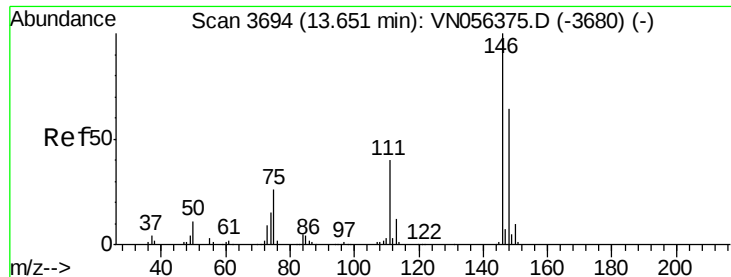


Abundance Ion 116.80 (116.50 to 117.50): VN056377.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056377.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 143.254 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

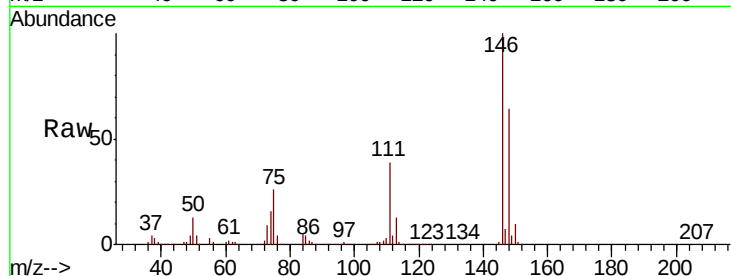
Tot Ion:146 Resp: 1108788

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 64.1 32.0 96.0

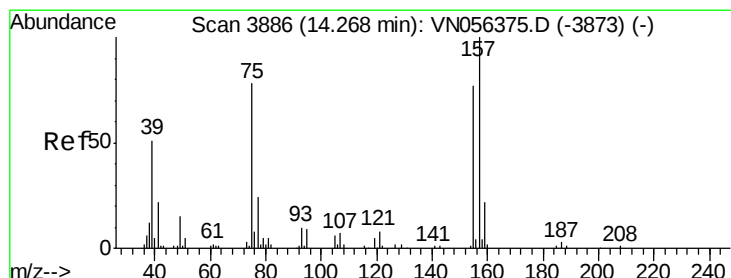
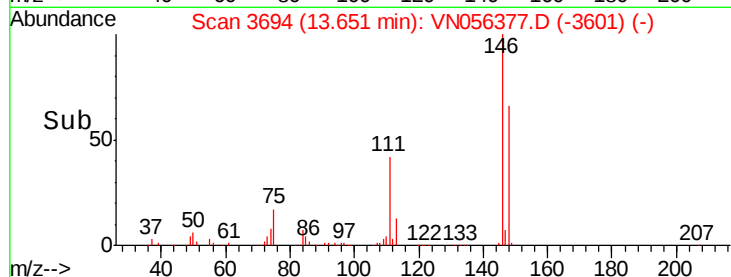
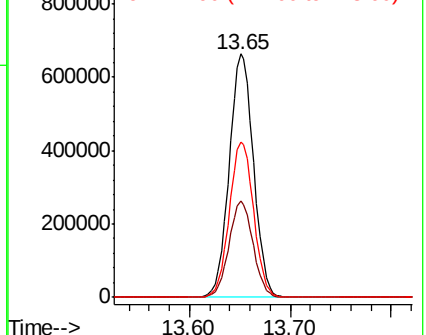


Abundance

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: 146.755 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

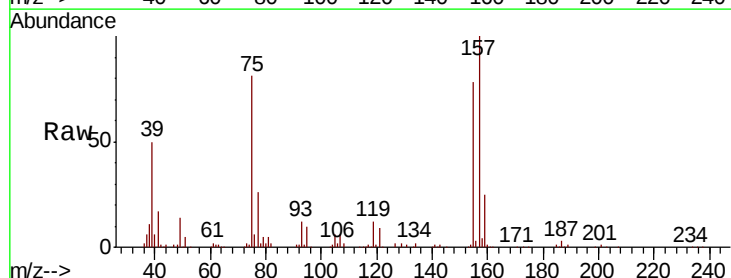
Tgt Ion: 75 Resp: 145408

Ion Ratio Lower Upper

75 100

155 96.8 48.9 146.8

157 124.9 62.9 188.8

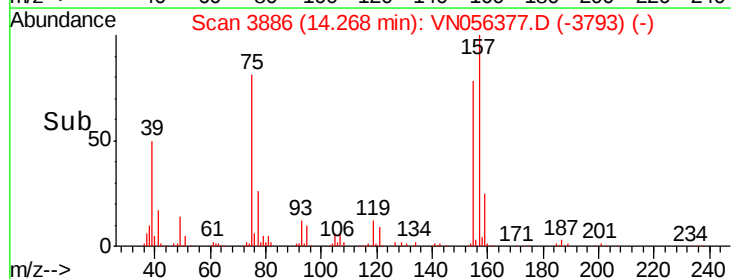
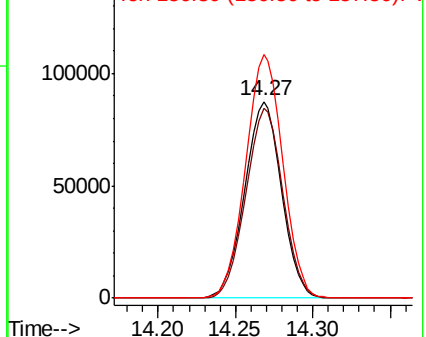


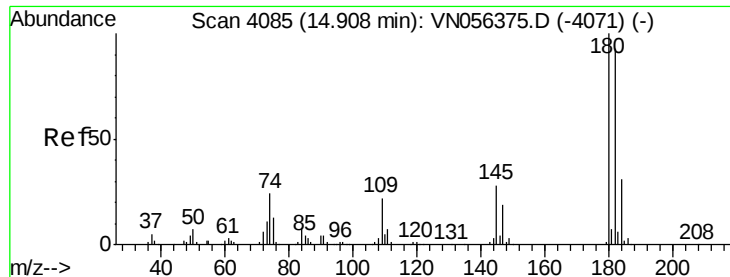
Abundance

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

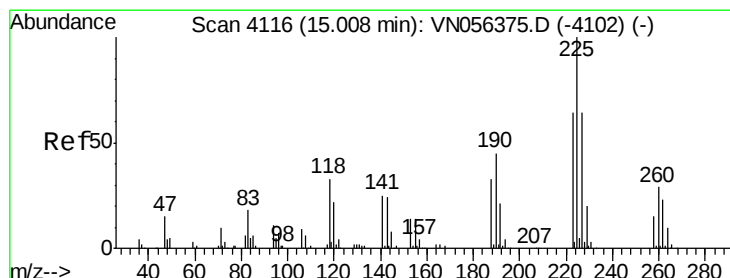
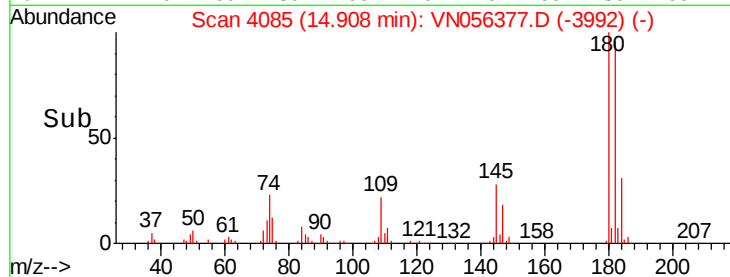
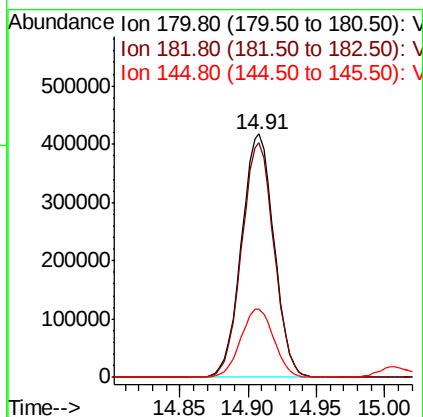
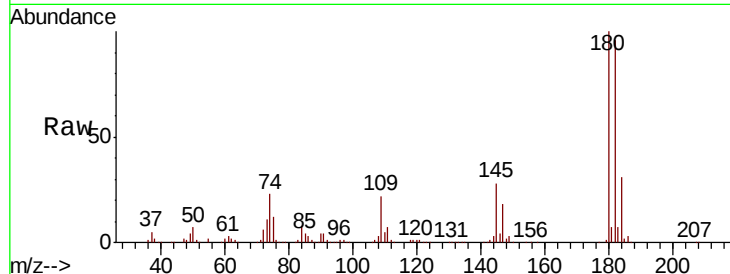




#93
 1,2,4-Trichlorobenzene
 Concen: 211.670 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

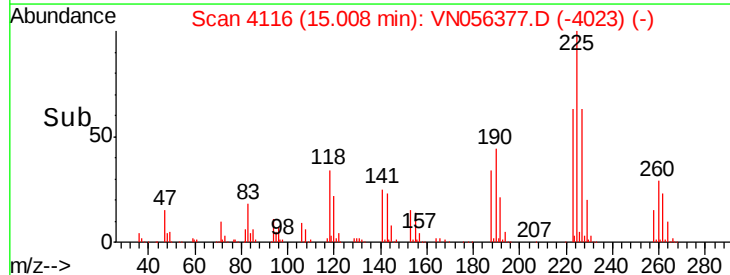
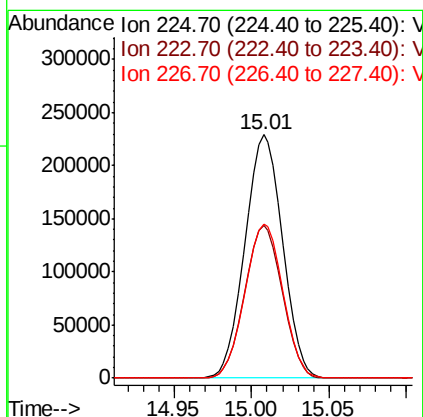
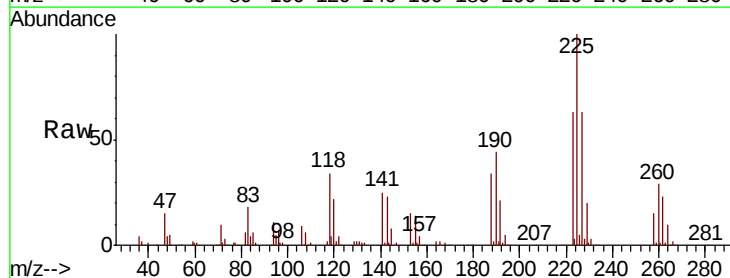
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

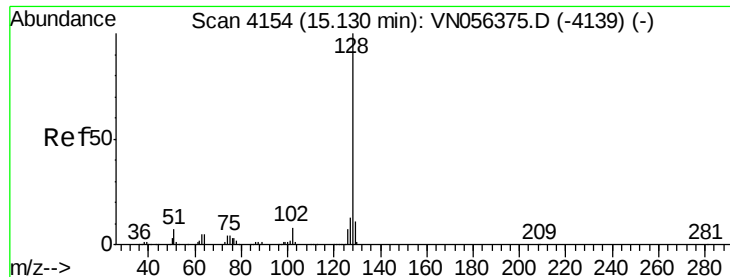
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	28.6	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 125.614 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.3
227	63.7	32.1	96.3





#95

Naphthalene

Concen: 204.412 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

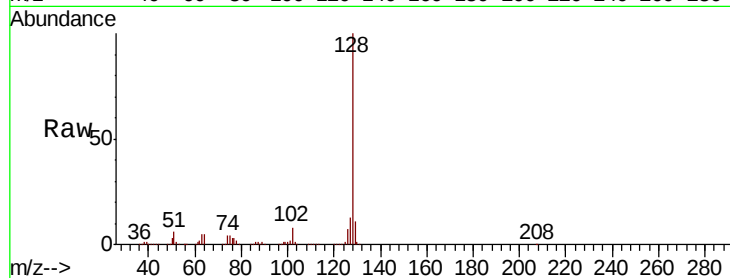
Tot Ion:128 Resp: 1795078

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

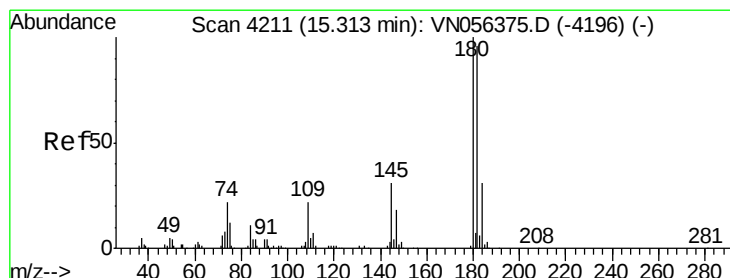
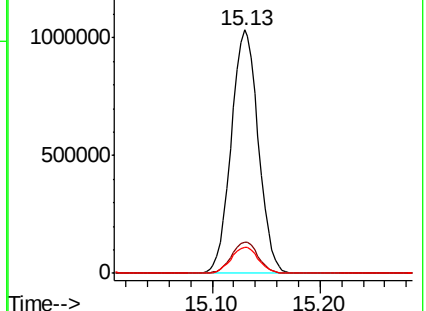
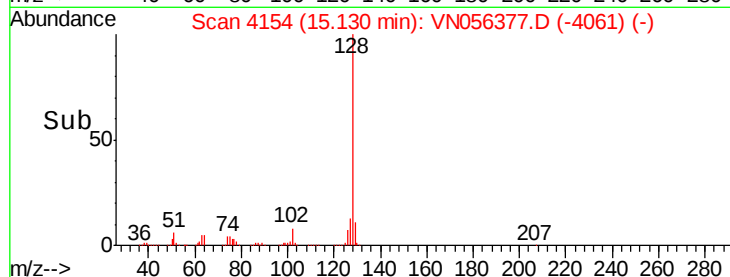
129 10.9 8.6 12.8



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: 199.003 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

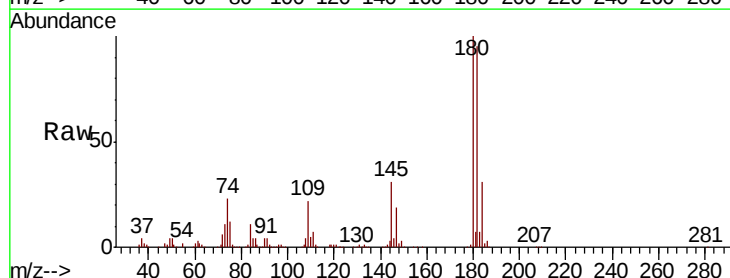
Tgt Ion:180 Resp: 698512

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 30.3 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

