

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060104.D
 Acq On : 14 Feb 2020 12:40
 Operator : JC/MD
 Sample : VN0214MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	292055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129232	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	120096	53.66	ug/l	0.00
Spiked Amount						
			Recovery	=	107.32%	
35) Dibromofluoromethane	7.56	113	91662	51.06	ug/l	0.00
Spiked Amount						
			Recovery	=	102.12%	
50) Toluene-d8	10.08	98	356801	50.47	ug/l	0.00
Spiked Amount						
			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	128138	49.33	ug/l	0.00
Spiked Amount						
			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	36030	19.596	ug/l	100
3) Chloromethane	2.04	50	43101	19.699	ug/l	99
4) Vinyl Chloride	2.17	62	47122	18.894	ug/l	97
5) Bromomethane	2.55	94	28631	18.722	ug/l	98
6) Chloroethane	2.69	64	24386	19.332	ug/l	100
7) Trichlorofluoromethane	3.00	101	58006	18.040	ug/l	99
8) Diethyl Ether	3.38	74	22039	20.590	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33214	18.605	ug/l	97
10) Methyl Iodide	3.93	142	43349	19.658	ug/l	100
11) Tert butyl alcohol	4.72	59	32291	96.407	ug/l	100
12) 1,1-Dichloroethene	3.72	96	32599	18.745	ug/l	98
13) Acrolein	3.58	56	25085	75.769	ug/l	96
14) Allyl chloride	4.30	41	49172	19.210	ug/l	98
15) Acrylonitrile	4.94	53	86268	105.465	ug/l	99
16) Acetone	3.78	43	88993	91.152	ug/l	99
17) Carbon Disulfide	4.03	76	96651	18.438	ug/l	99
18) Methyl Acetate	4.29	43	38646	21.072	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	115250	19.706	ug/l	99
20) Methylene Chloride	4.52	84	37412	19.207	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	35957	18.967	ug/l	99
22) Diisopropyl ether	5.91	45	116381	20.746	ug/l	98
23) Vinyl Acetate	5.86	43	489514	103.910	ug/l	99
24) 1,1-Dichloroethane	5.81	63	66038	19.432	ug/l	99
25) 2-Butanone	6.80	43	122415	99.695	ug/l	97
26) 2,2-Dichloropropane	6.79	77	60778	18.829	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	41458	18.686	ug/l	98
28) Bromochloromethane	7.17	49	28650	21.444	ug/l	93
29) Tetrahydrofuran	7.18	42	76610	101.701	ug/l	96
30) Chloroform	7.35	83	67919	19.079	ug/l	99
31) Cyclohexane	7.63	56	62135	19.628	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	59588	18.317	ug/l	98
36) 1,1-Dichloropropene	7.77	75	50695	18.740	ug/l	99
37) Ethyl Acetate	6.90	43	50680	20.730	ug/l	99
38) Carbon Tetrachloride	7.75	117	52277	17.794	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060104.D
 Acq On : 14 Feb 2020 12:40
 Operator : JC/MD
 Sample : VN0214MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	62731	18.681	ug/l	99
40) Benzene	8.02	78	151756	18.912	ug/l	98
41) Methacrylonitrile	7.18	41	71169	69.414	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55539	19.748	ug/l	98
43) Isopropyl Acetate	8.14	43	86589	20.719	ug/l	97
44) Trichloroethene	8.82	130	39935	17.973	ug/l	93
45) 1,2-Dichloropropane	9.10	63	40091	20.180	ug/l	97
46) Dibromomethane	9.19	93	26842	19.119	ug/l	97
47) Bromodichloromethane	9.39	83	54232	19.000	ug/l	99
48) Methyl methacrylate	9.18	41	35773	19.078	ug/l	98
49) 1,4-Dioxane	9.18	88	12604	393.414	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	245638	101.545	ug/l	99
52) Toluene	10.14	92	95208	18.502	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62346	19.351	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	66583	19.626	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	37746	18.802	ug/l	96
56) Ethyl methacrylate	10.42	69	54962	19.354	ug/l	96
57) 1,3-Dichloropropane	10.70	76	63754	19.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	137324	103.797	ug/l	98
59) 2-Hexanone	10.74	43	182112	97.458	ug/l	99
60) Dibromochloromethane	10.89	129	42179	18.309	ug/l	100
61) 1,2-Dibromoethane	10.99	107	38464	18.278	ug/l	98
64) Tetrachloroethene	10.62	164	35419	16.997	ug/l	99
65) Chlorobenzene	11.43	112	100807	18.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	39173	18.541	ug/l	98
67) Ethyl Benzene	11.50	91	183707	18.238	ug/l	100
68) m/p-Xylenes	11.61	106	137962	36.493	ug/l	99
69) o-Xylene	11.94	106	65863	18.094	ug/l	99
70) Styrene	11.96	104	106142	18.083	ug/l	99
71) Bromoform	12.12	173	29639	17.442	ug/l #	97
73) Isopropylbenzene	12.25	105	180001	18.652	ug/l	99
74) N-amyl acetate	12.06	43	72643	20.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	54681	19.686	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	72227	29.212	ug/l #	100
77) Bromobenzene	12.52	156	44262	18.482	ug/l	96
78) n-propylbenzene	12.59	91	204814	18.628	ug/l	99
79) 2-Chlorotoluene	12.67	91	120228	18.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	148582	18.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18967	18.783	ug/l	97
82) 4-Chlorotoluene	12.77	91	123291	18.595	ug/l	99
83) tert-Butylbenzene	12.99	119	127592	17.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	148047	18.692	ug/l	100
85) sec-Butylbenzene	13.17	105	171427	18.236	ug/l	99
86) p-Isopropyltoluene	13.28	119	156885	18.420	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	78145	18.433	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77845	18.366	ug/l	99
89) n-Butylbenzene	13.61	91	139756	18.656	ug/l	99
90) Hexachloroethane	13.87	117	28020	17.610	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	76202	18.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11034	18.191	ug/l	94

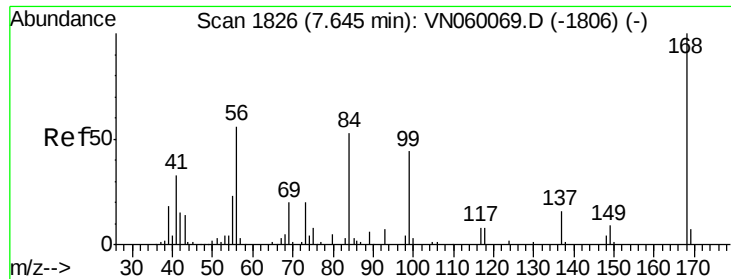
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021420\
Data File : VN060104.D
Acq On : 14 Feb 2020 12:40
Operator : JC/MD
Sample : VN0214MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 02:44:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45439	18.640	ug/l	99
94) Hexachlorobutadiene	15.01	225	25286	17.719	ug/l	99
95) Naphthalene	15.13	128	126685	19.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45899	18.907	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

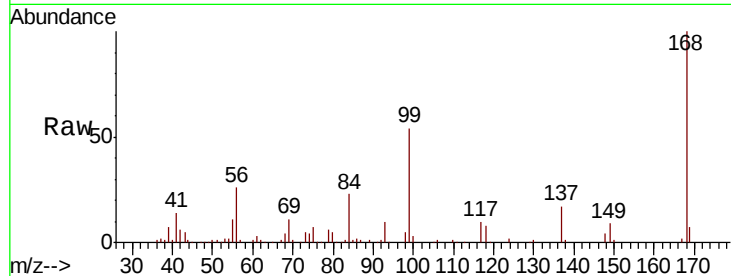
ClientSampled :

Tot Ion:168 Resp: 183942

Ion Ratio Lower Upper

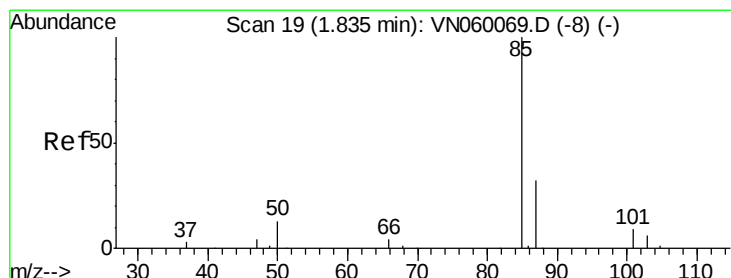
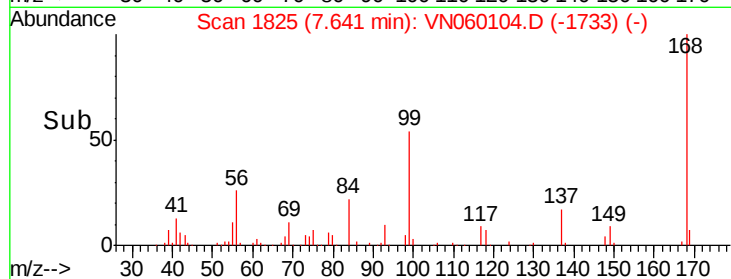
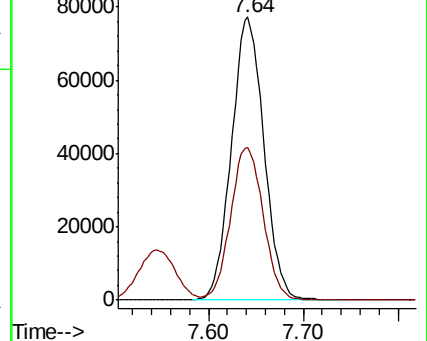
168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.596 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060104.D

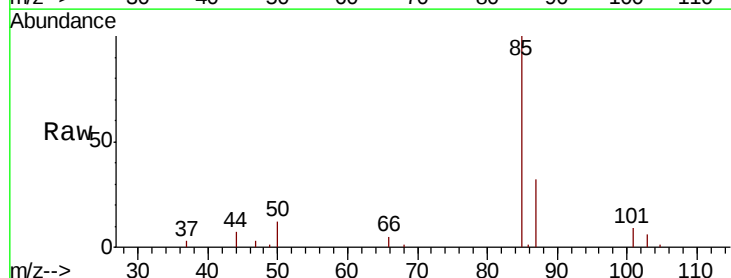
Acq: 14 Feb 2020 12:40

Tgt Ion: 85 Resp: 36030

Ion Ratio Lower Upper

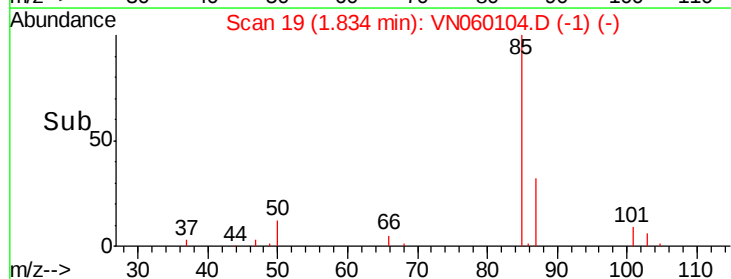
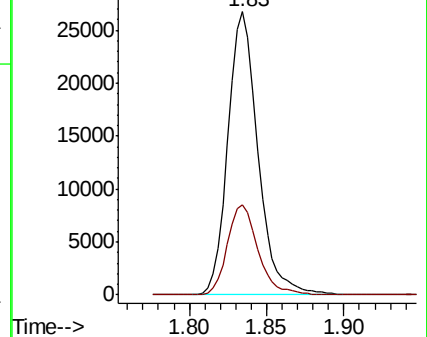
85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.699 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

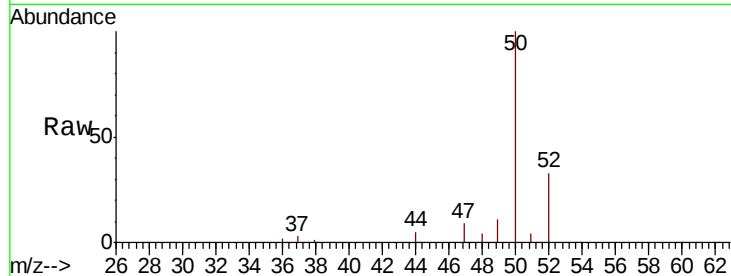
ClientSampleId :

Tot Ion: 50 Resp: 43101

Ion Ratio Lower Upper

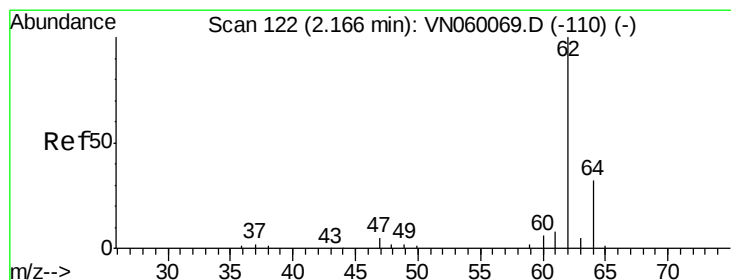
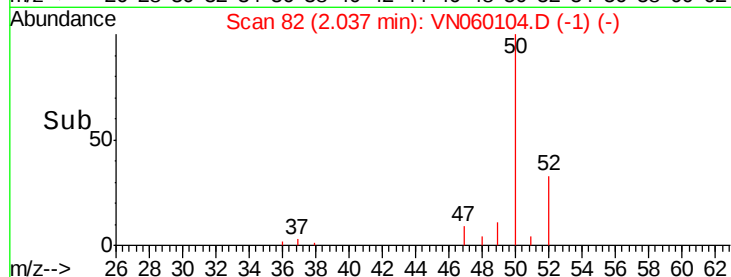
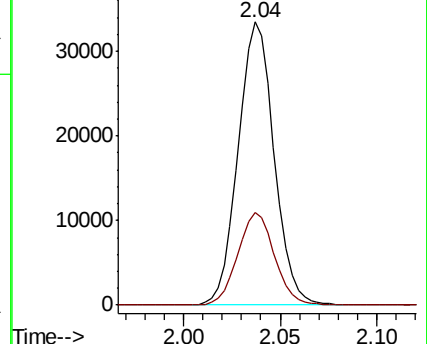
50 100

52 32.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.894 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060104.D

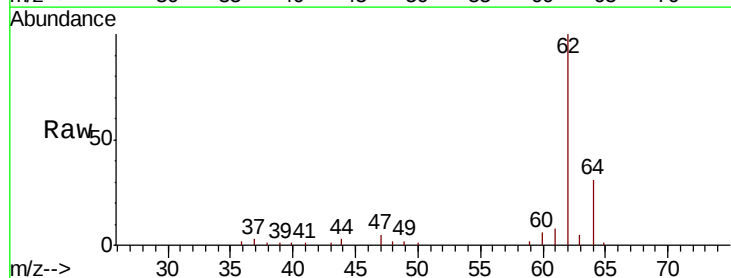
Acq: 14 Feb 2020 12:40

Tgt Ion: 62 Resp: 47122

Ion Ratio Lower Upper

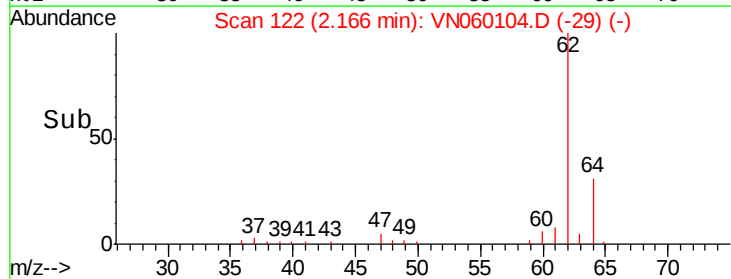
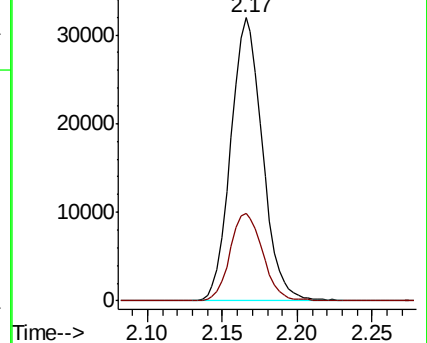
62 100

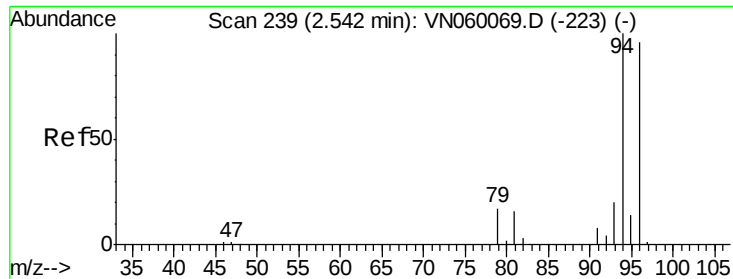
64 30.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

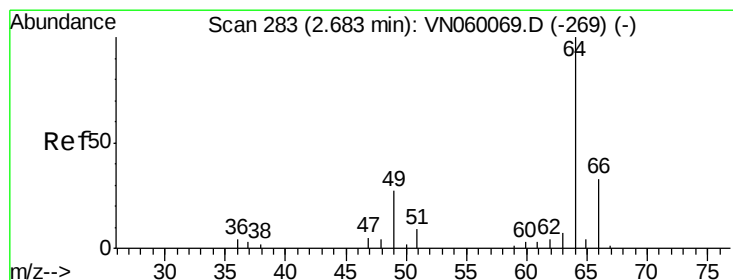
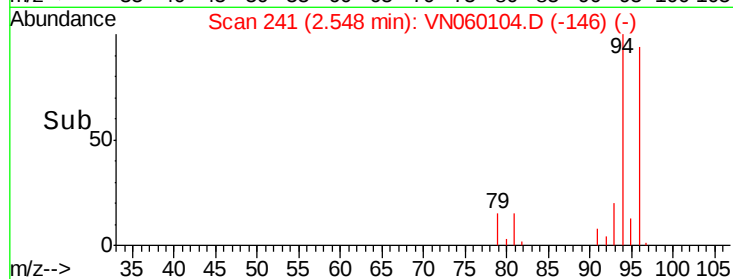
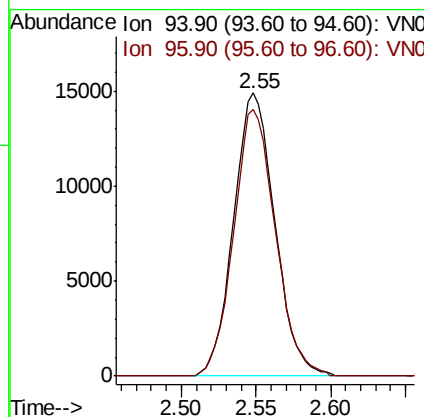
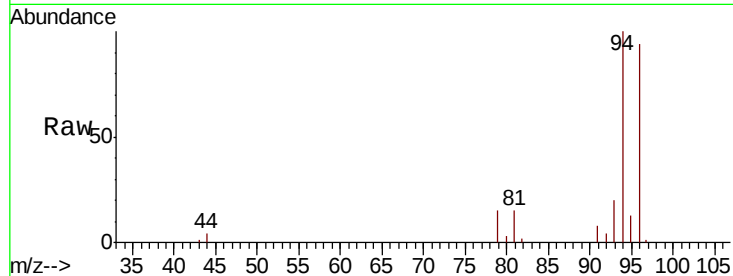




#5
Bromomethane
Concen: 18.722 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

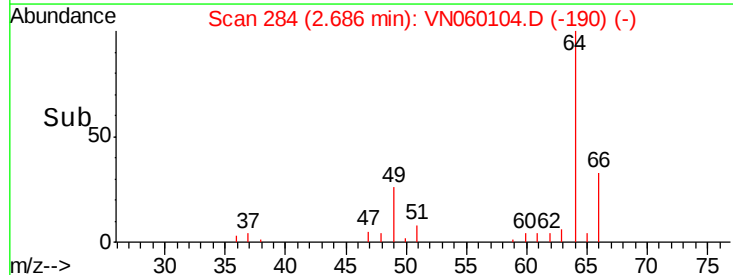
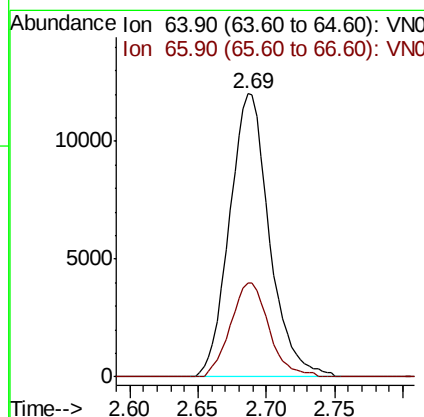
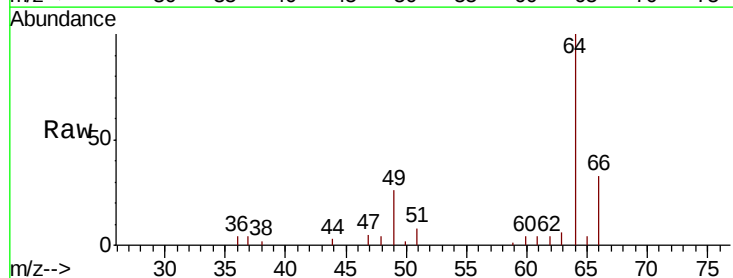
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 28631
Ion Ratio Lower Upper
94 100
96 94.4 76.7 115.1



#6
Chloroethane
Concen: 19.332 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 64 Resp: 24386
Ion Ratio Lower Upper
64 100
66 33.1 26.6 40.0



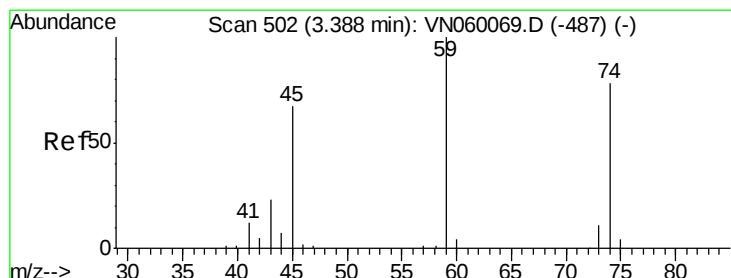
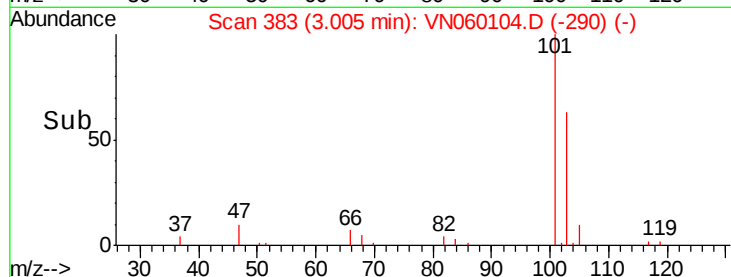
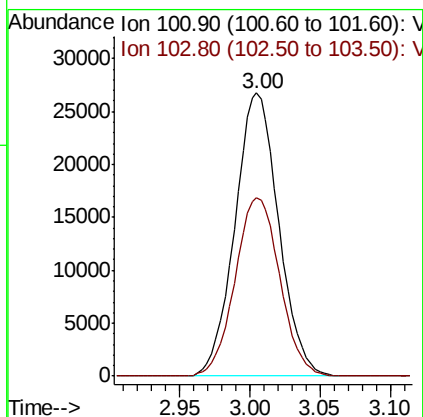
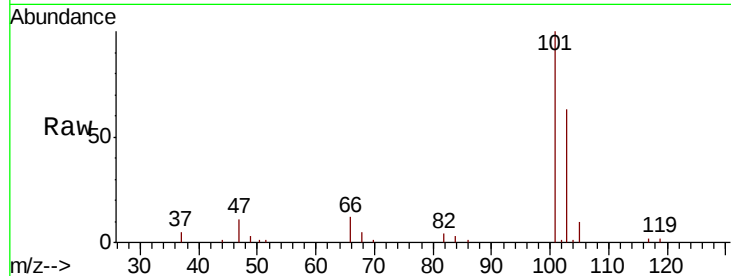


#7

Trichlorofluoromethane
 Concen: 18.040 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :

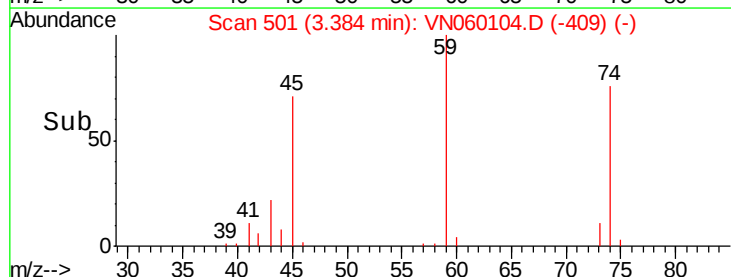
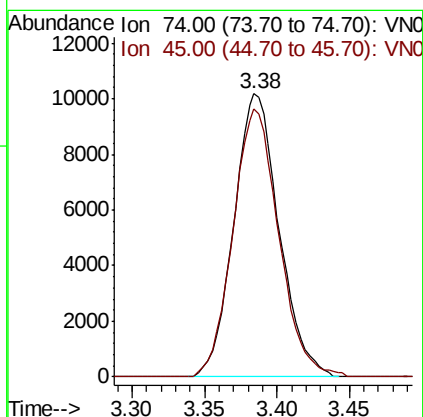
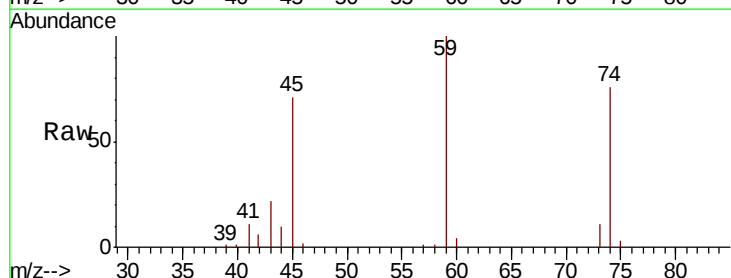
Tot Ion:101 Resp: 58006
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.6



#8

Diethyl Ether
 Concen: 20.590 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion: 74 Resp: 22039
 Ion Ratio Lower Upper
 74 100
 45 96.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.605 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

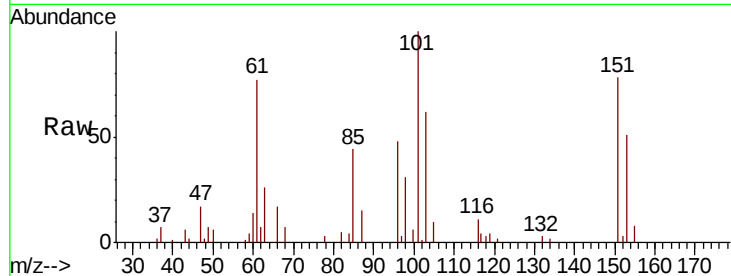
Tot Ion:101 Resp: 33214

Ion Ratio Lower Upper

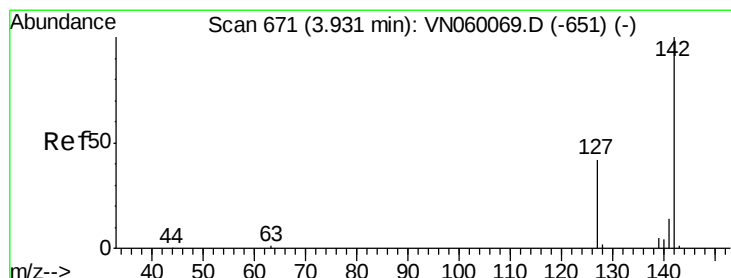
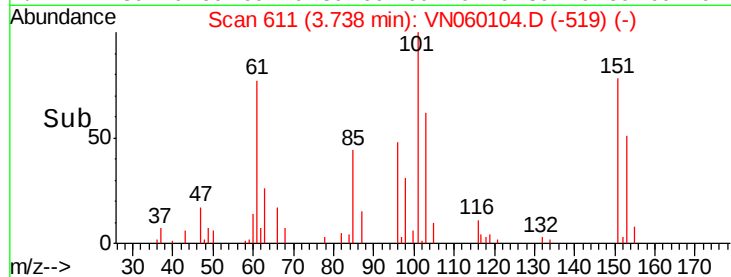
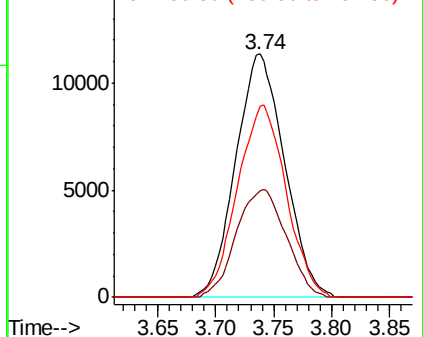
101 100

85 45.3 35.1 52.7

151 78.7 65.8 98.6



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: 19.658 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

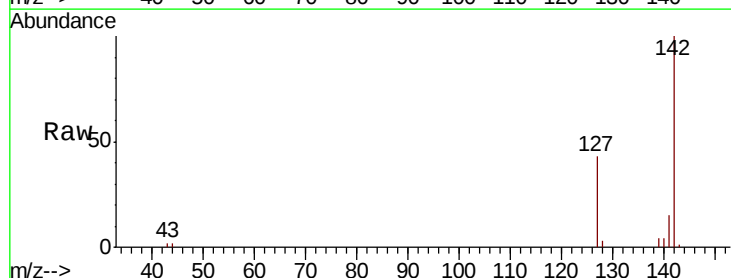
Tgt Ion:142 Resp: 43349

Ion Ratio Lower Upper

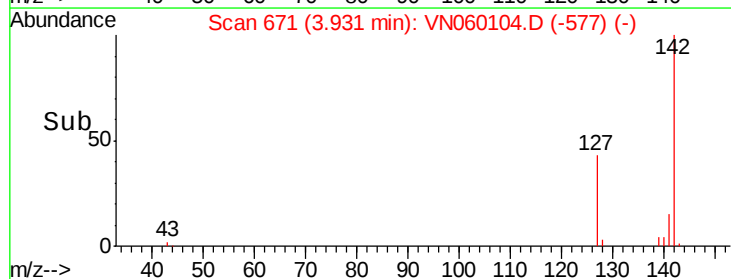
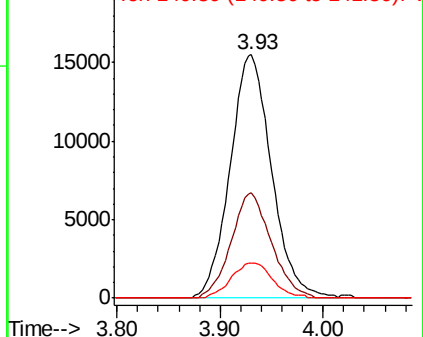
142 100

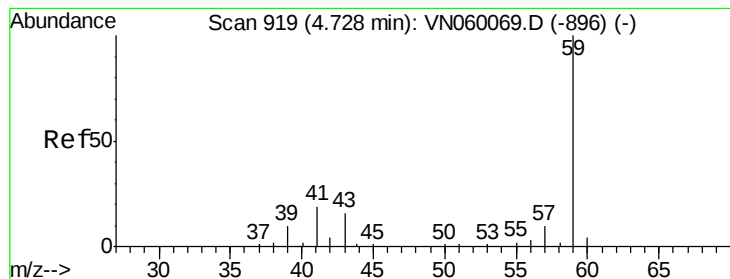
127 42.0 33.6 50.4

141 14.4 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



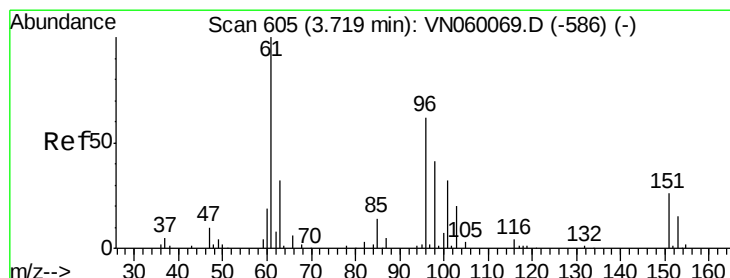
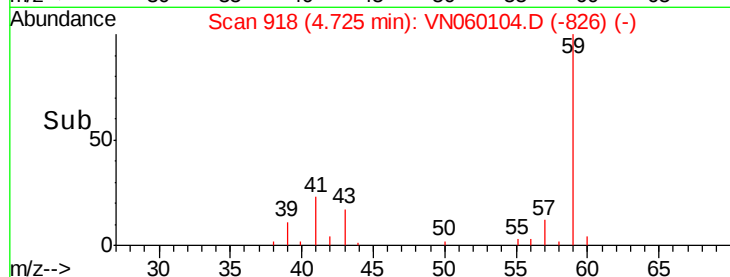
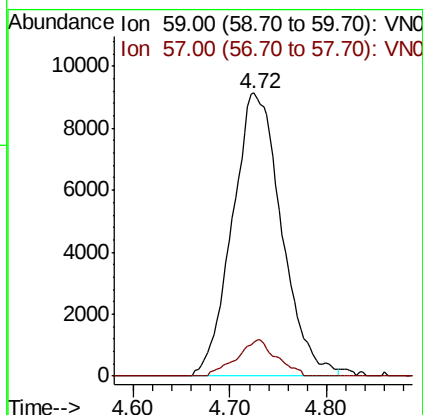
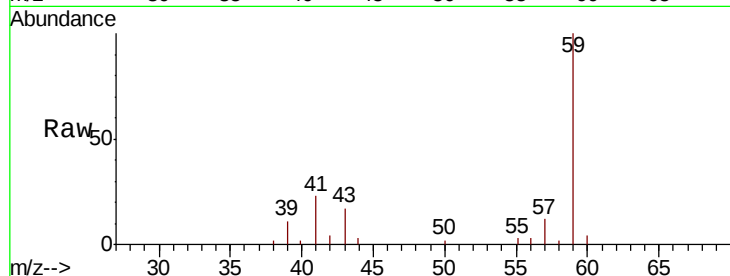


#11

Tert butyl alcohol
 Concen: 96.407 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :

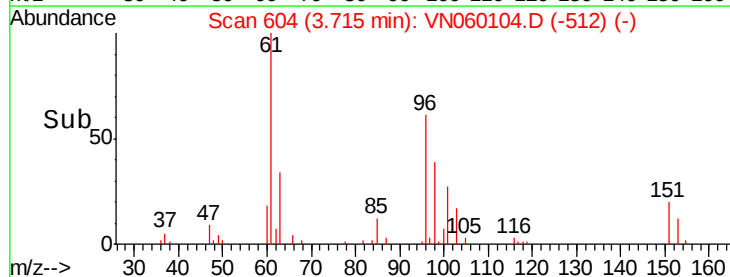
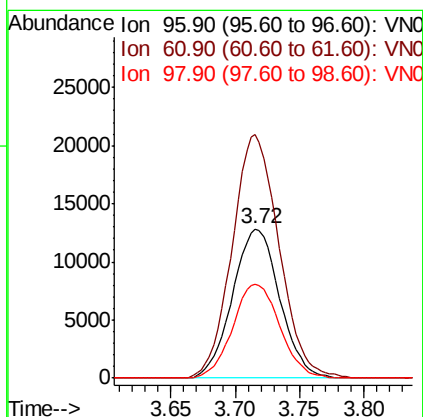
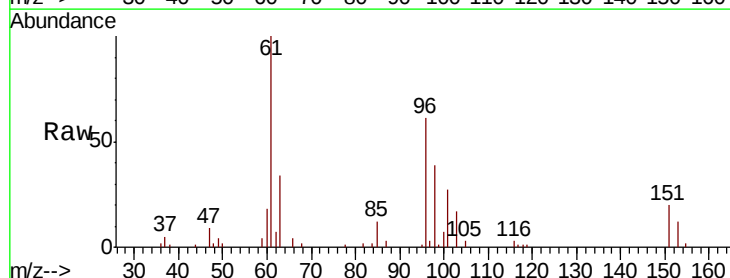
Tot Ion: 59 Resp: 32291
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

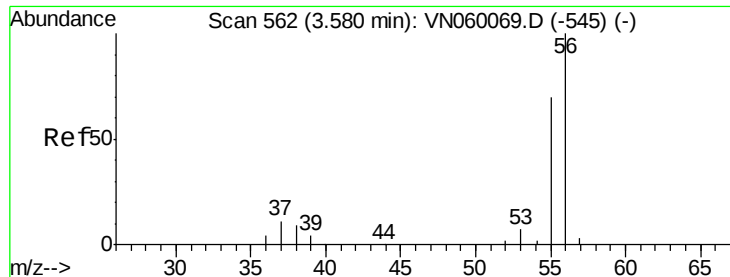


#12

1,1-Dichloroethene
 Concen: 18.745 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion: 96 Resp: 32599
 Ion Ratio Lower Upper
 96 100
 61 163.4 128.3 192.5
 98 63.1 52.2 78.4





#13

Acrolein

Concen: 75.769 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

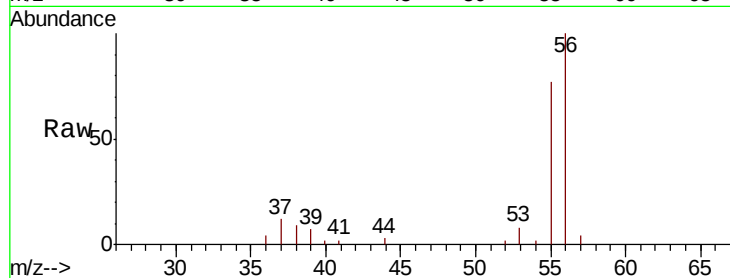
ClientSampled :

Tot Ion: 56 Resp: 25085

Ion Ratio Lower Upper

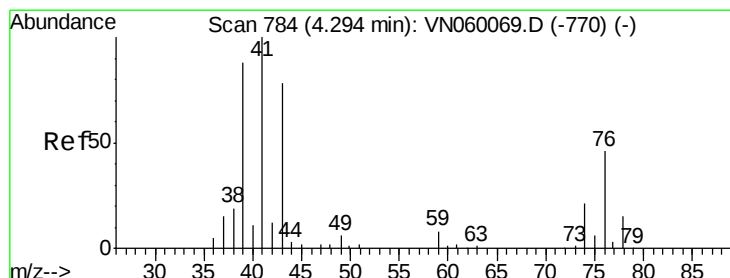
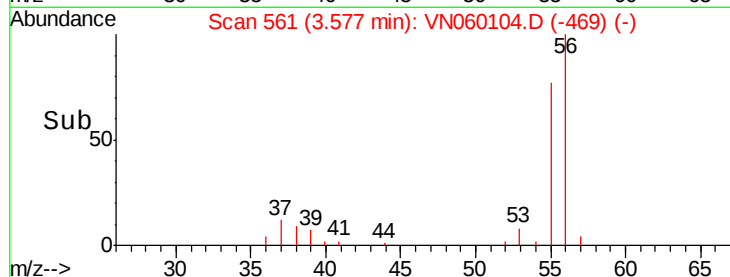
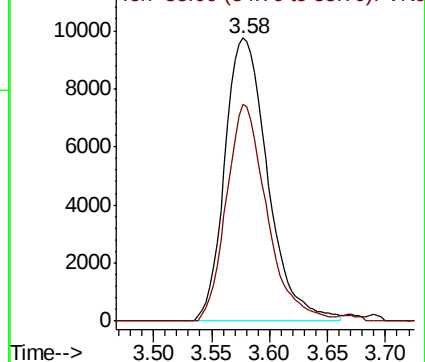
56 100

55 71.9 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.210 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

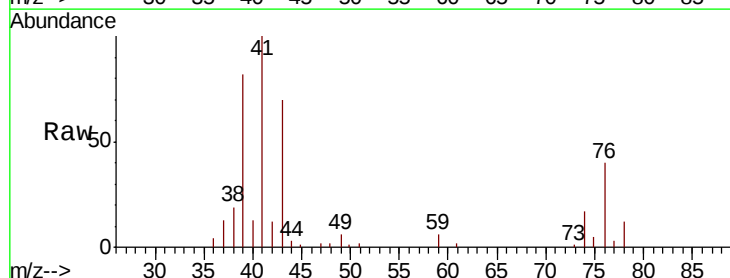
Tgt Ion: 41 Resp: 49172

Ion Ratio Lower Upper

41 100

39 83.9 67.8 101.8

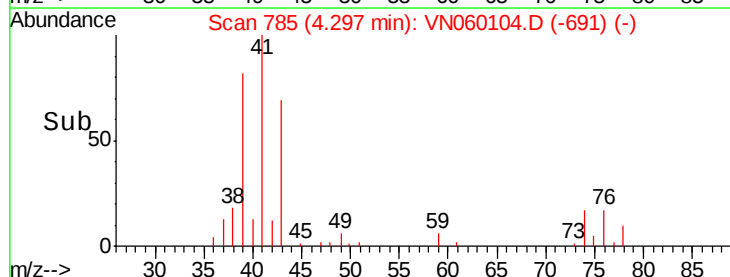
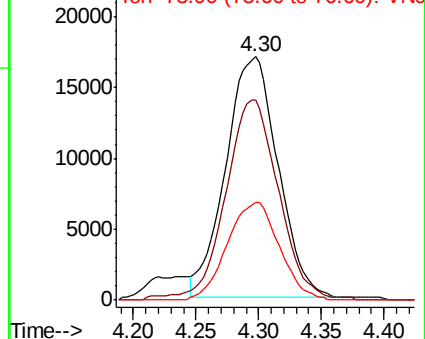
76 40.5 33.9 50.9

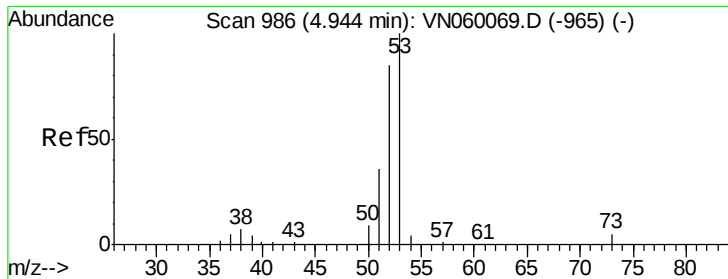


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.465 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

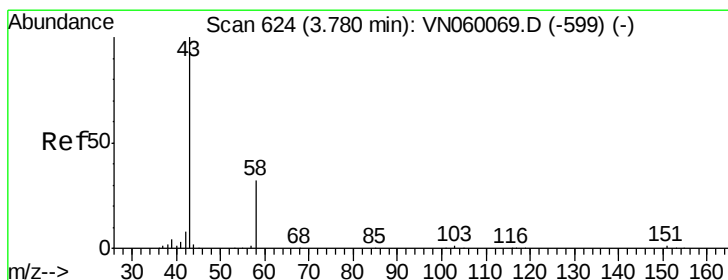
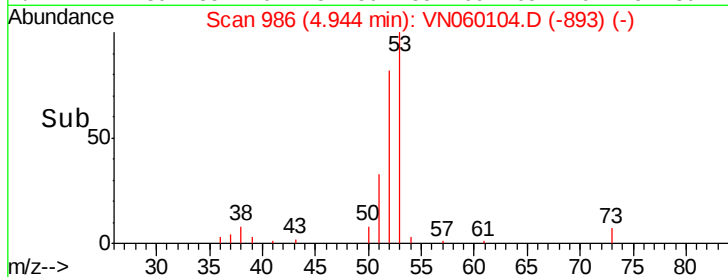
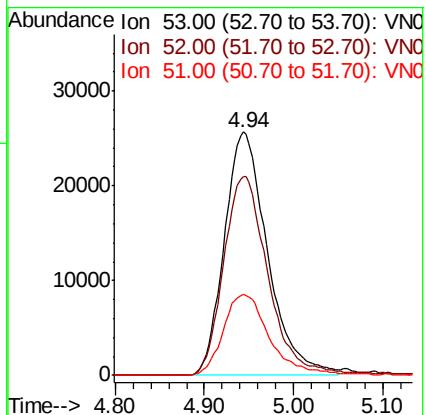
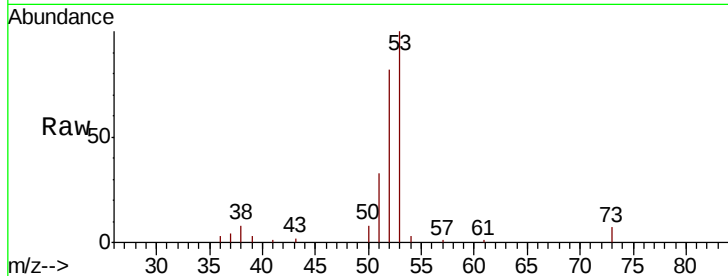
Tot Ion: 53 Resp: 86268

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 35.6 29.4 44.0



#16

Acetone

Concen: 91.152 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060104.D

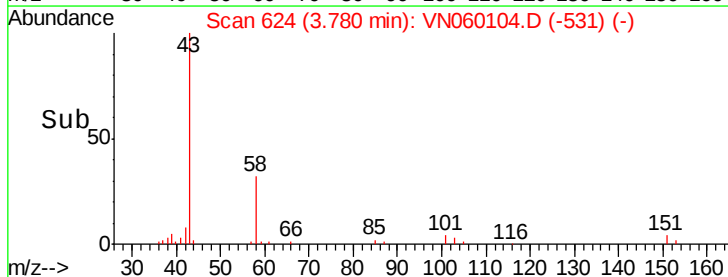
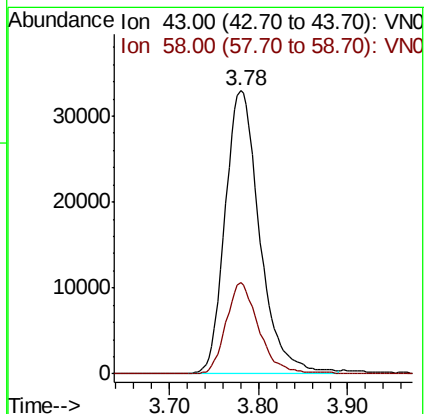
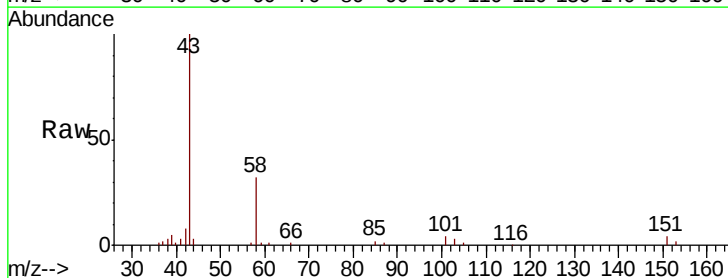
Acq: 14 Feb 2020 12:40

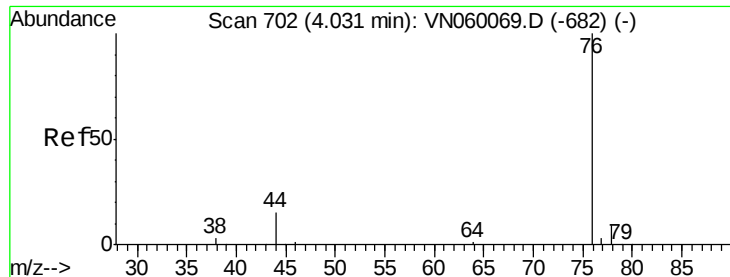
Tgt Ion: 43 Resp: 88993

Ion Ratio Lower Upper

43 100

58 32.1 25.2 37.8

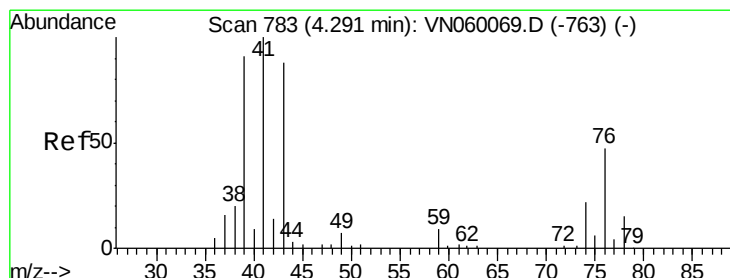
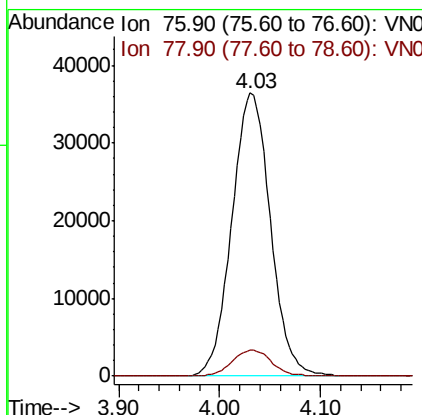
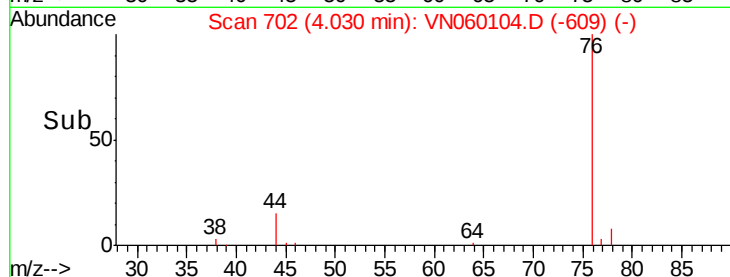
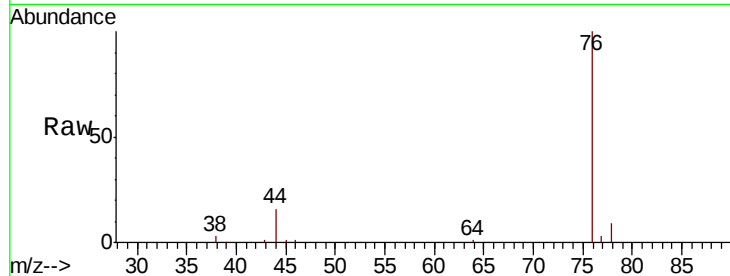




#17
Carbon Disulfide
Concen: 18.438 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

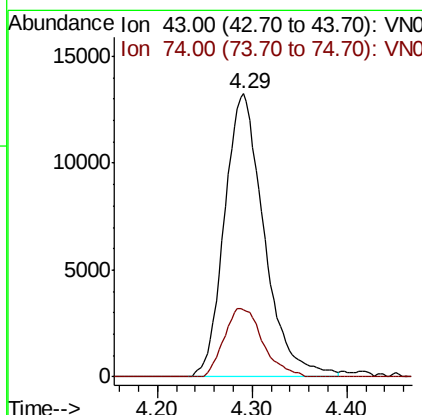
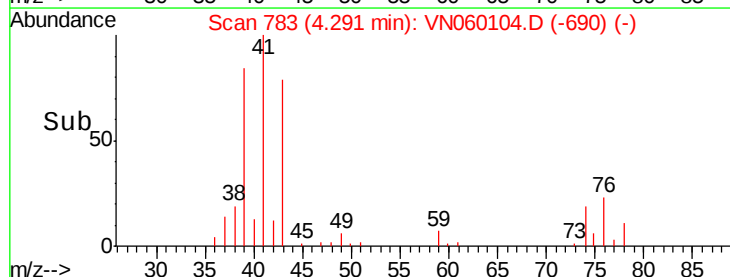
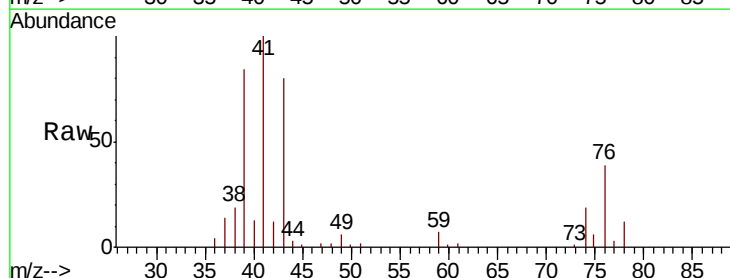
Instrument :
MSVOA_N
ClientSampleId :

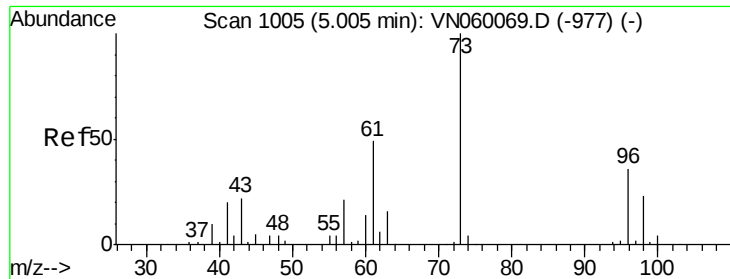
Tot Ion: 76 Resp: 96651
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 21.072 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 43 Resp: 38646
Ion Ratio Lower Upper
43 100
74 23.6 20.3 30.5

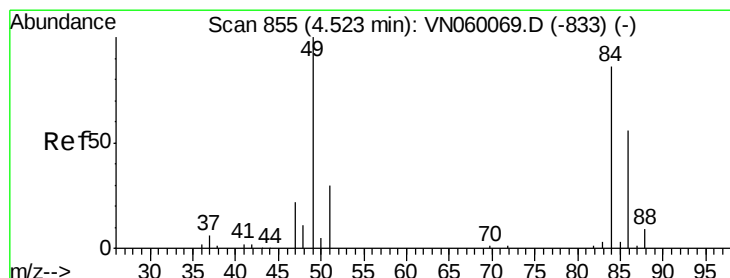
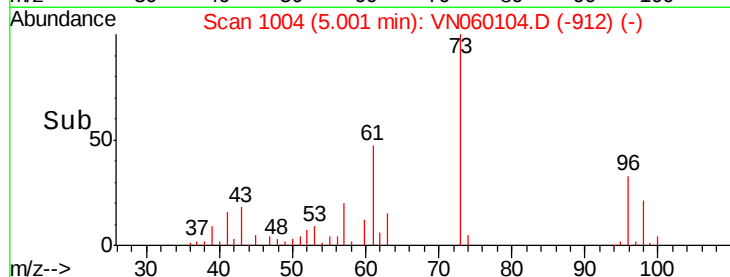
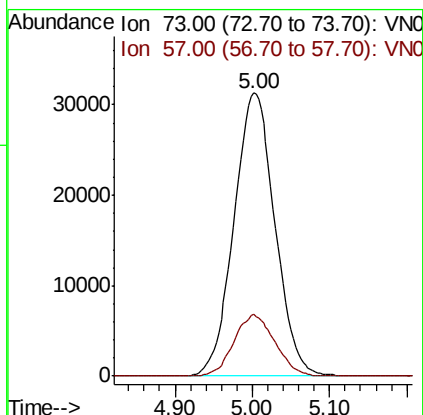
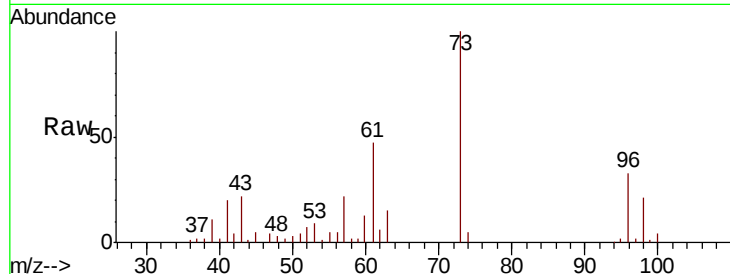




#19
Methvl tert-butvl Ether
Concen: 19.706 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

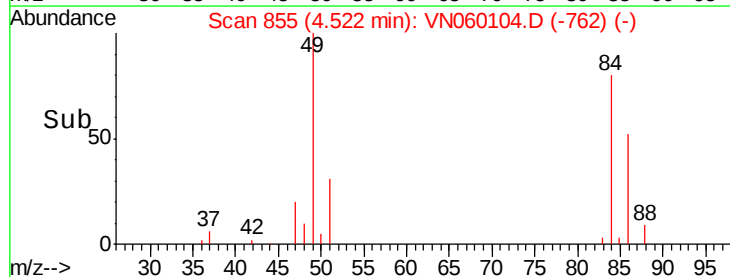
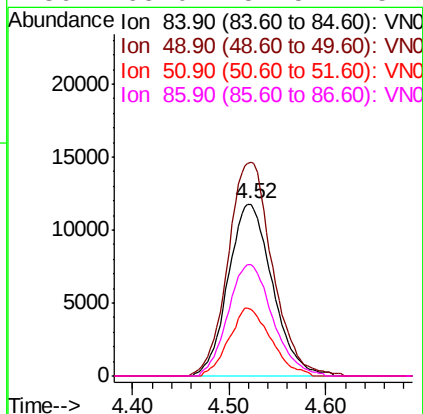
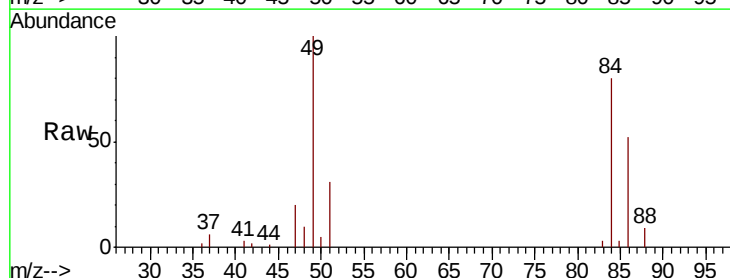
Instrument :
MSVOA_N
ClientSampleId :

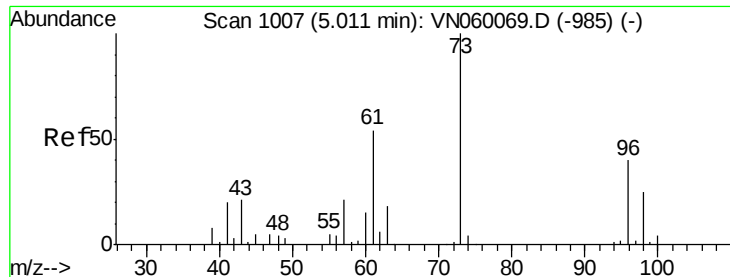
Tot Ion: 73 Resp: 115250
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 19.207 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 84 Resp: 37412
Ion Ratio Lower Upper
84 100
49 124.4 93.4 140.0
51 38.9 28.4 42.6
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.967 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

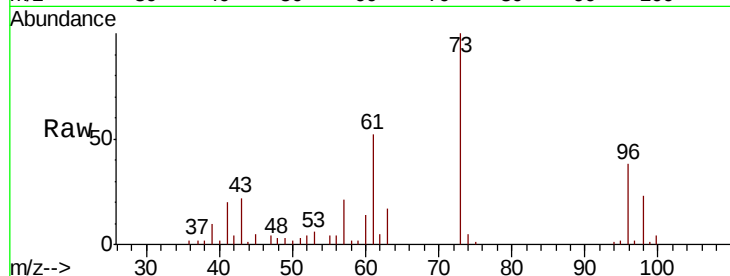
Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 35957

Ion	Ratio	Lower	Upper
96	100		
61	137.1	109.3	163.9
98	61.9	51.0	76.6

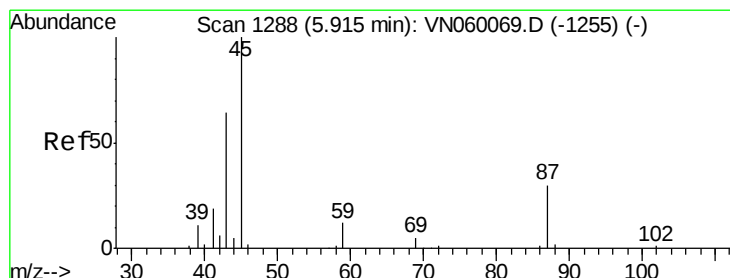
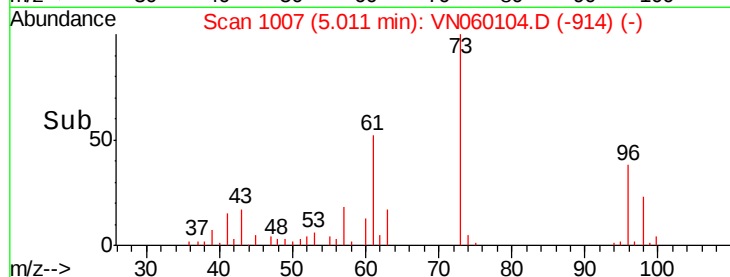
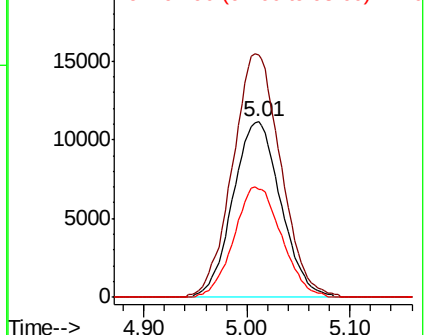


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.746 ug/l

RT: 5.91 min Scan# 1287

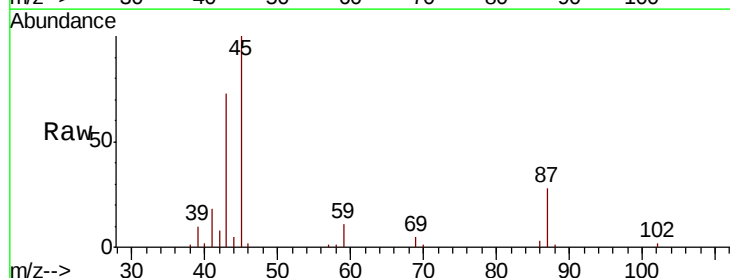
Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Tgt Ion: 45 Resp: 116381

Ion	Ratio	Lower	Upper
45	100		
43	70.6	55.9	83.9
87	28.3	24.5	36.7
59	11.4	9.9	14.9



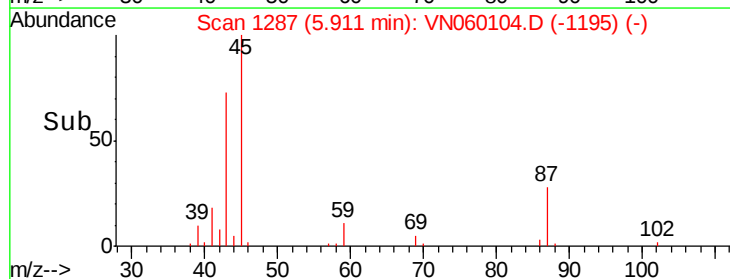
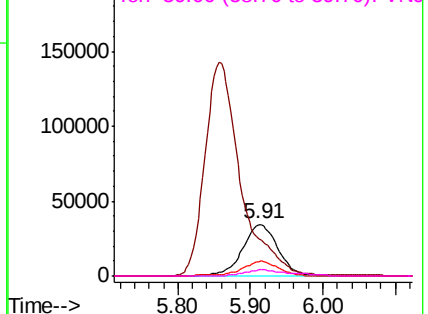
Abundance

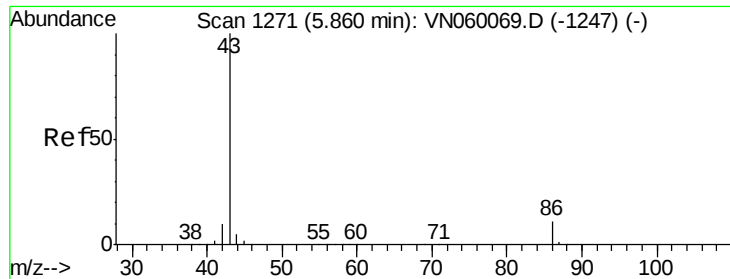
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.910 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

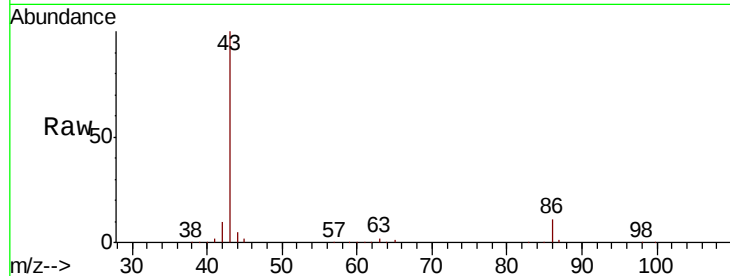
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 489514

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060104.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060104.D (-1178) (-)

5.86

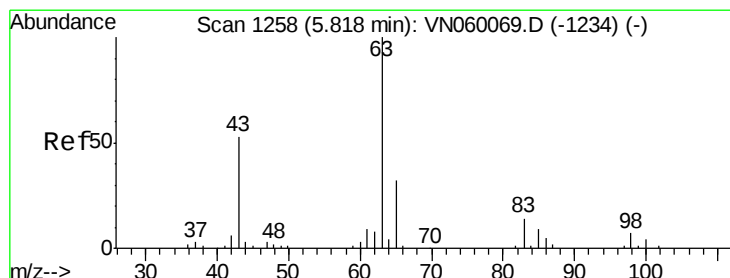
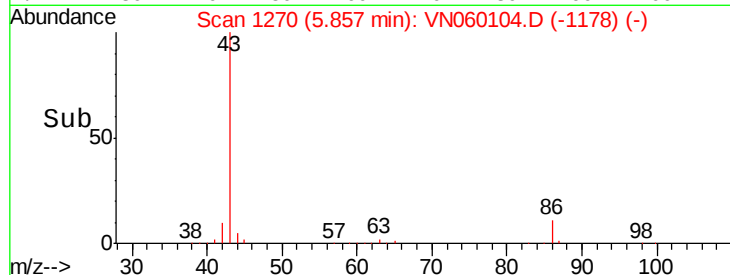
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.432 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

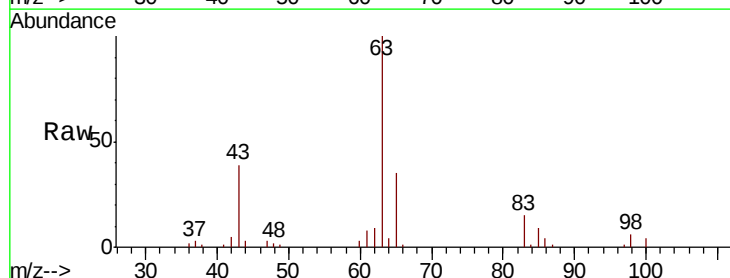
Tgt Ion: 63 Resp: 66038

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060104.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060104.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060104.D (-1165) (-)

5.81

25000

20000

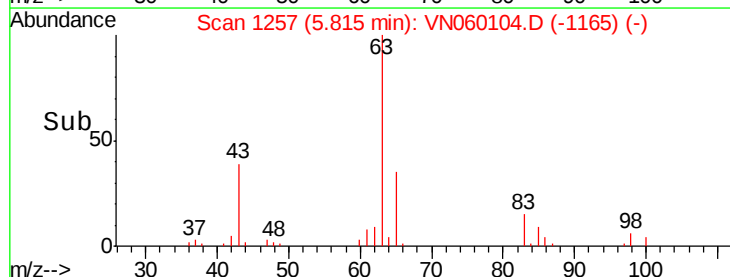
15000

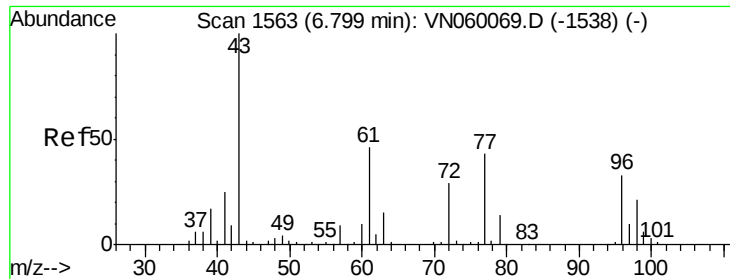
10000

5000

0

Time-->

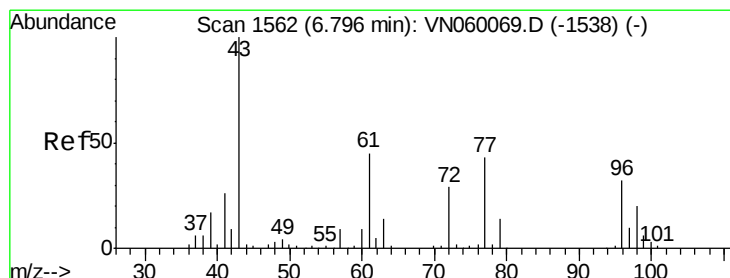
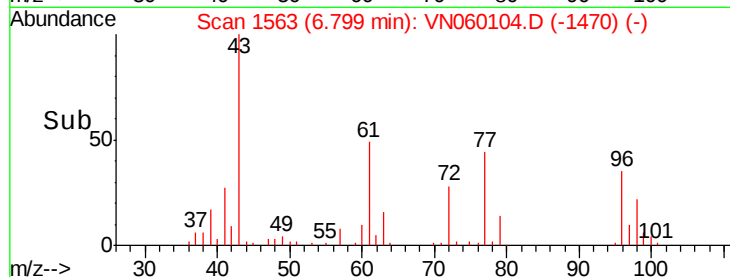
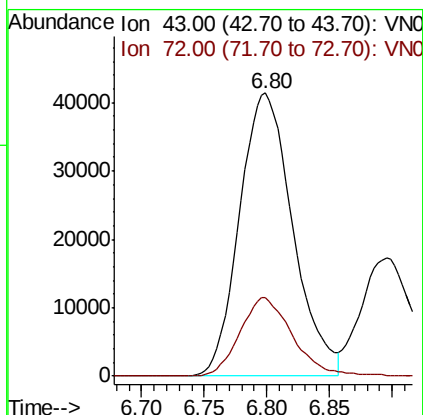
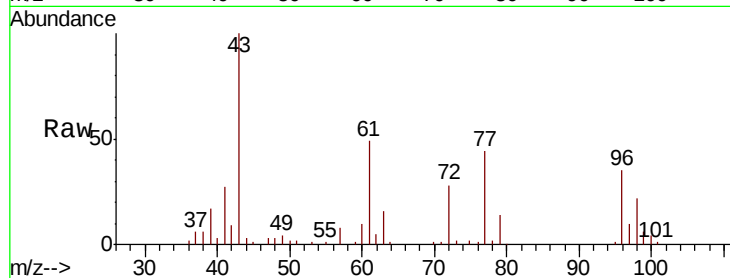




#25
2-Butanone
Concen: 99.695 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

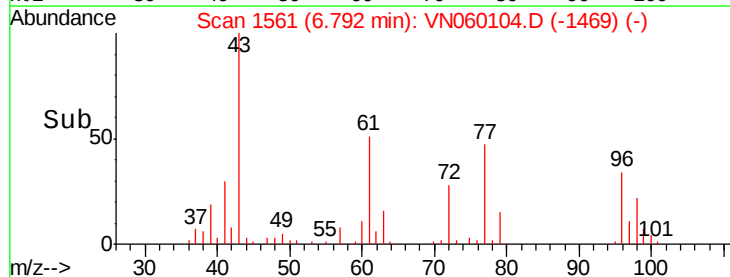
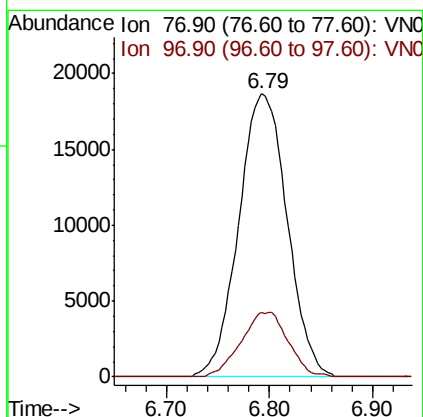
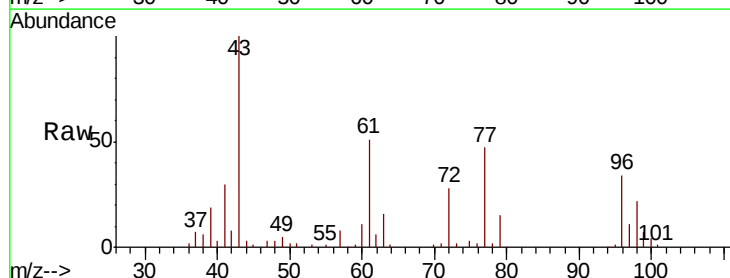
Instrument :
MSVOA_N
ClientSampled :

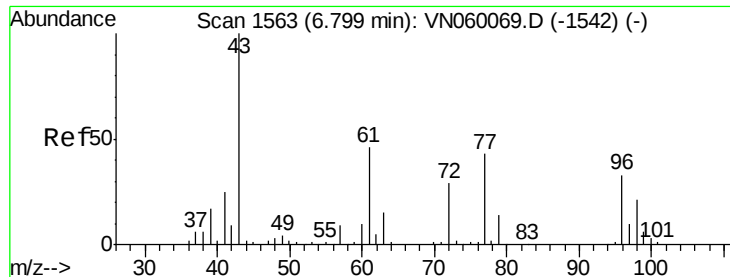
Tot Ion: 43 Resp: 122415
Ion Ratio Lower Upper
43 100
72 27.7 23.3 34.9



#26
2,2-Dichloropropane
Concen: 18.829 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 77 Resp: 60778
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.686 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

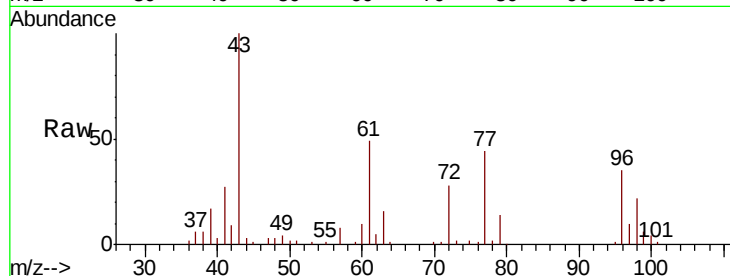
Tot Ion: 96 Resp: 41458

Ion Ratio Lower Upper

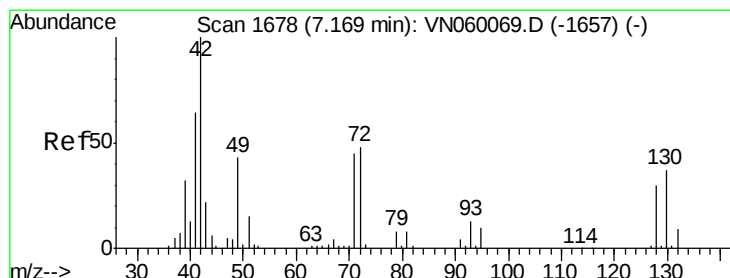
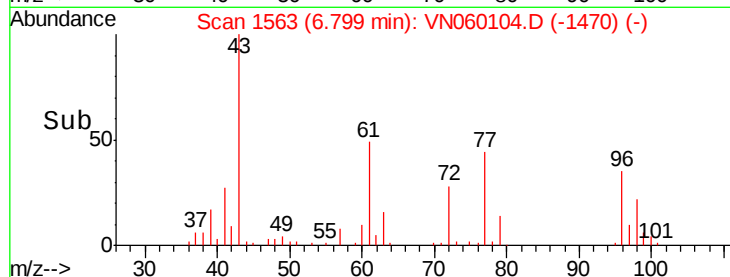
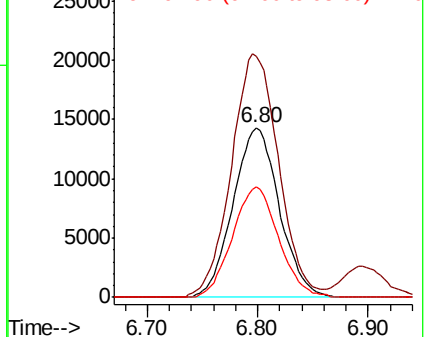
96 100

61 146.9 0.0 285.8

98 64.9 0.0 129.6



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: 21.444 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

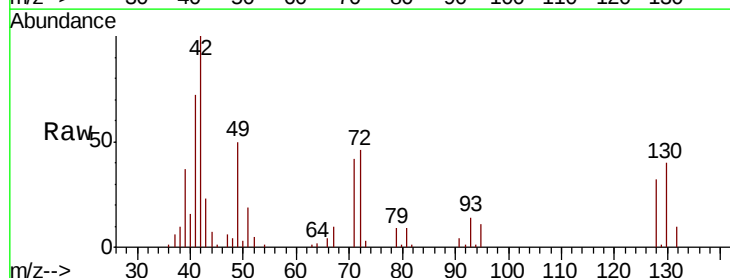
Tgt Ion: 49 Resp: 28650

Ion Ratio Lower Upper

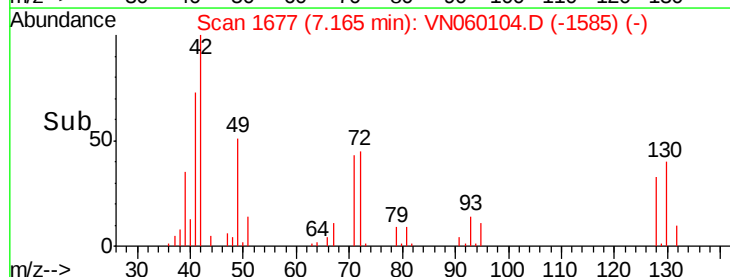
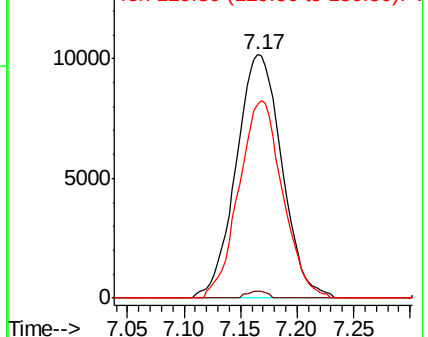
49 100

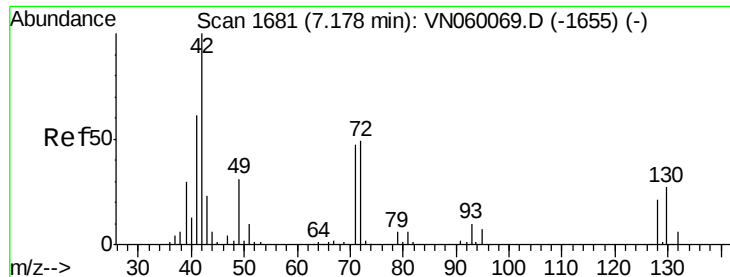
129 1.2 0.0 2.2

130 77.5 66.8 100.2



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

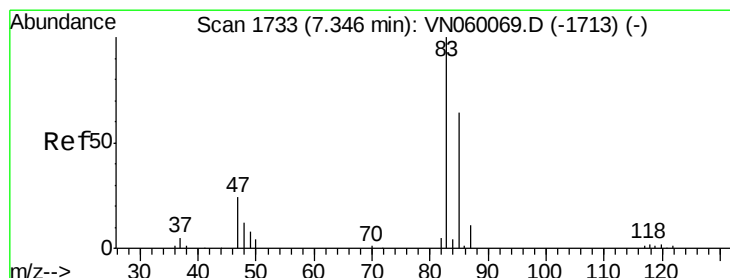
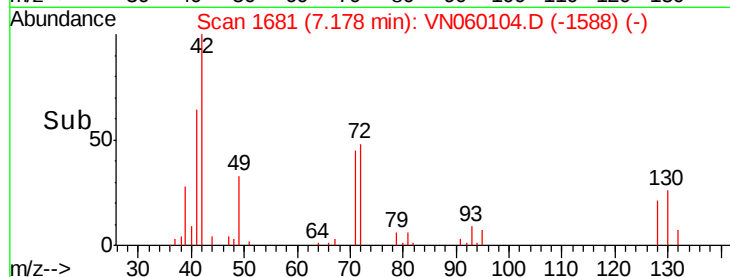
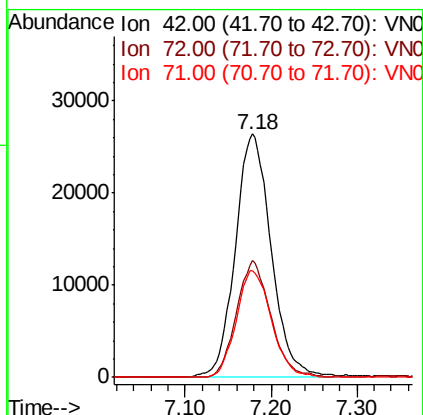
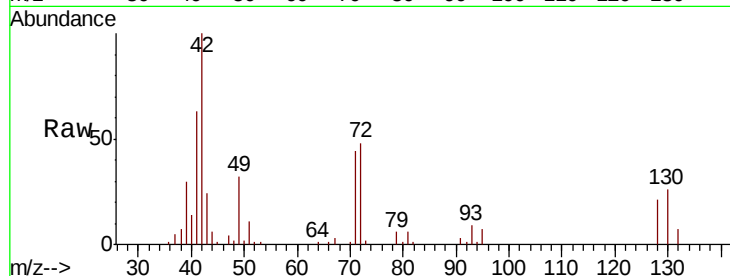




#29
Tetrahydrofuran
Concen: 101.701 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

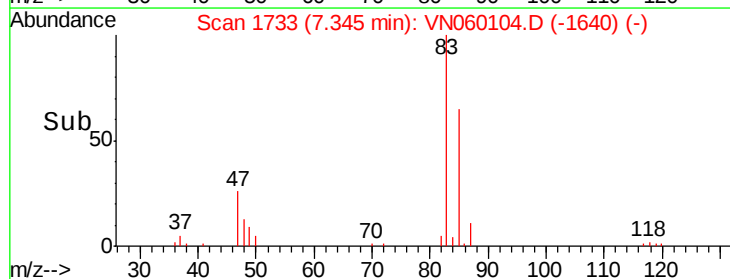
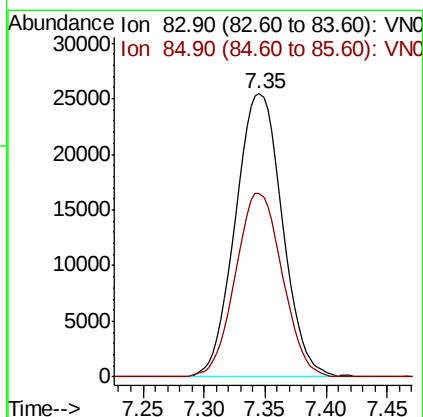
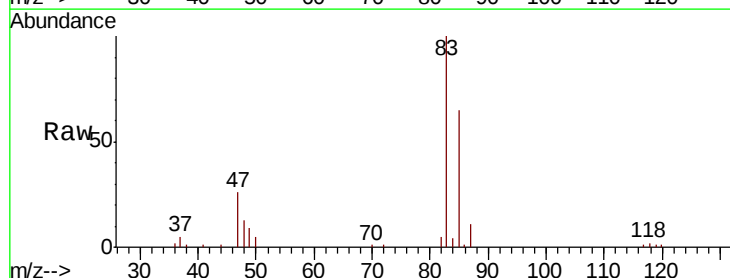
Instrument :
MSVOA_N
ClientSampleId :

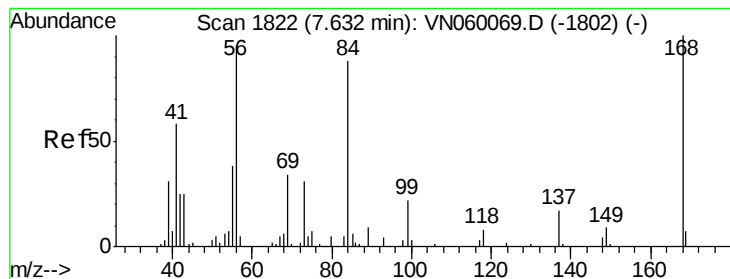
Tot Ion: 42 Resp: 76610
Ion Ratio Lower Upper
42 100
72 45.7 38.2 57.4
71 42.6 36.6 54.8



#30
Chloroform
Concen: 19.079 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 83 Resp: 67919
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0





#31

Cyclohexane

Concen: 19.628 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

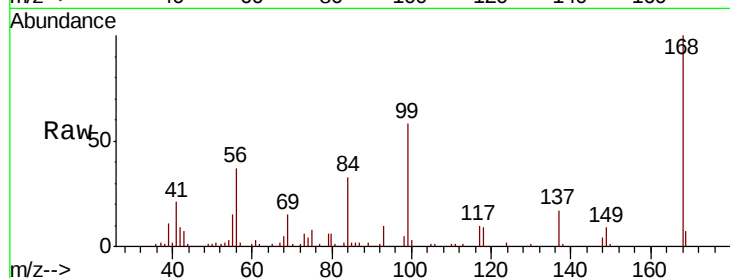
Tot Ion: 56 Resp: 62135

Ion Ratio Lower Upper

56 100

69 41.7 28.3 42.5

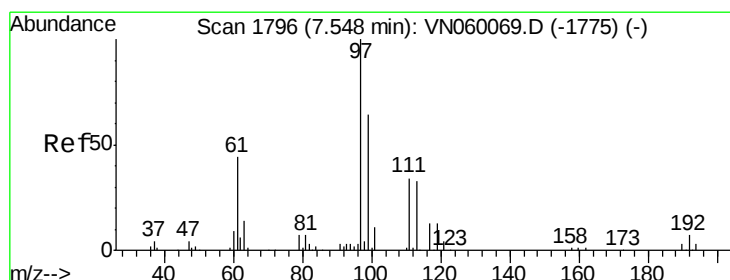
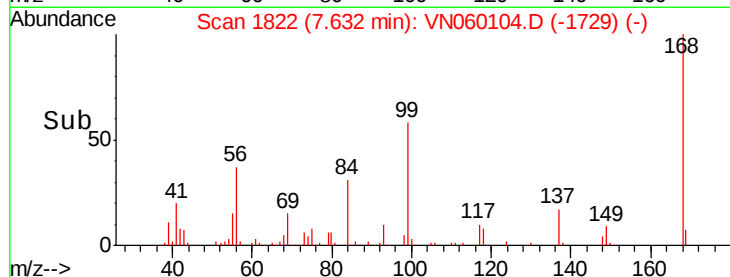
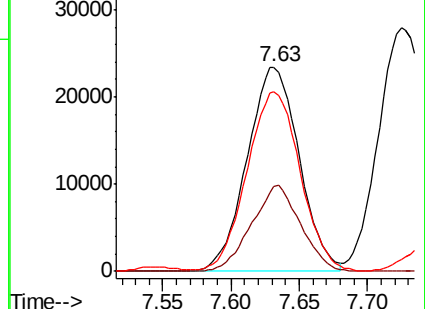
84 87.2 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060104.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060104.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060104.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 18.317 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

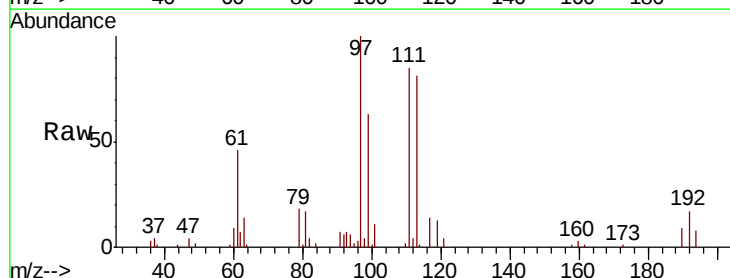
Tgt Ion: 97 Resp: 59588

Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.0

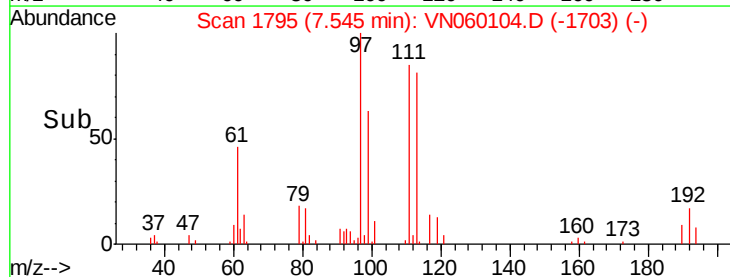
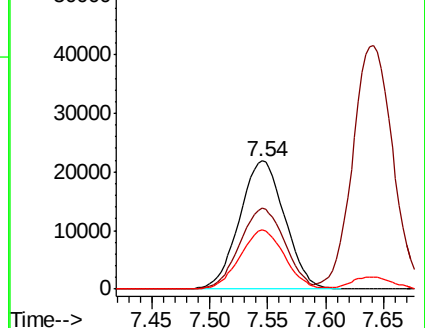
61 45.2 34.9 52.3

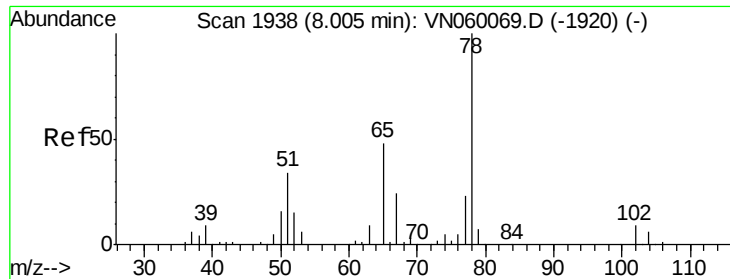


Abundance Ion 96.90 (96.60 to 97.60): VN060104.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060104.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060104.D (-1703) (-)

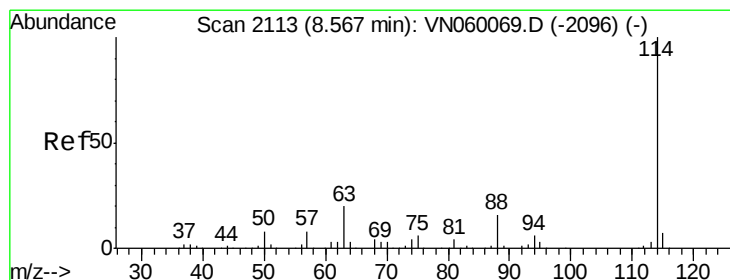
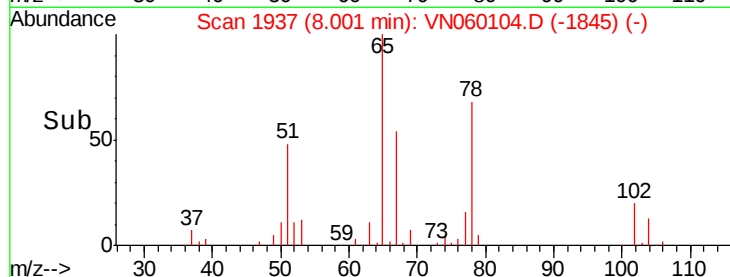
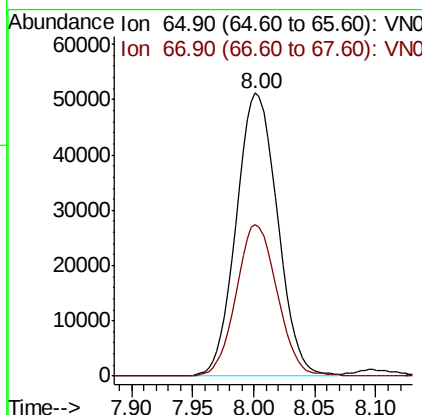
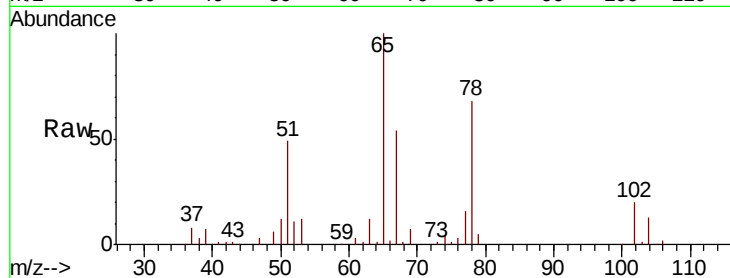




#33
 1,2-Dichloroethane-d4
 Concen: 53.656 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

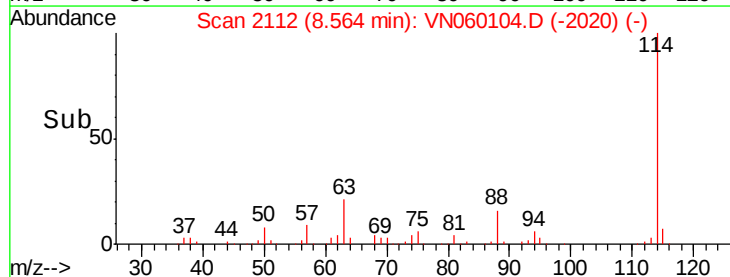
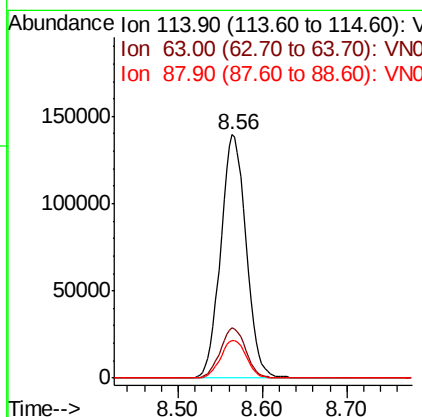
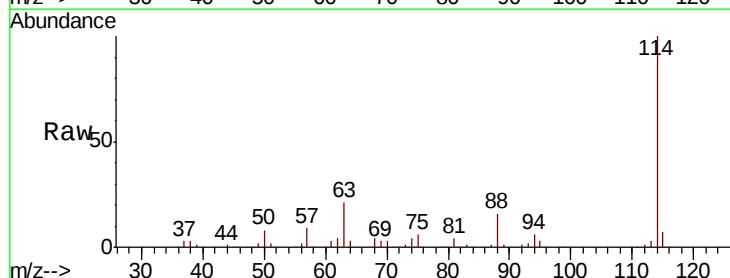
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 120096
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion: 114 Resp: 292055
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.058 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

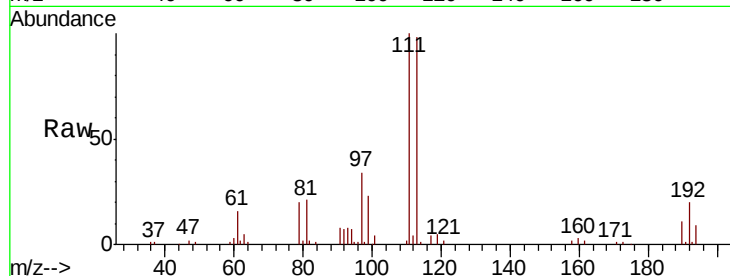
Tot Ion:113 Resp: 91662

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

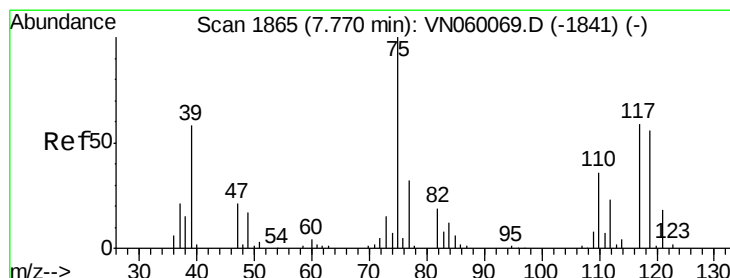
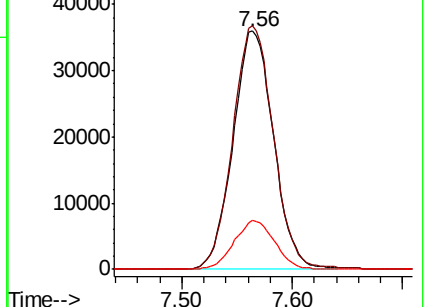
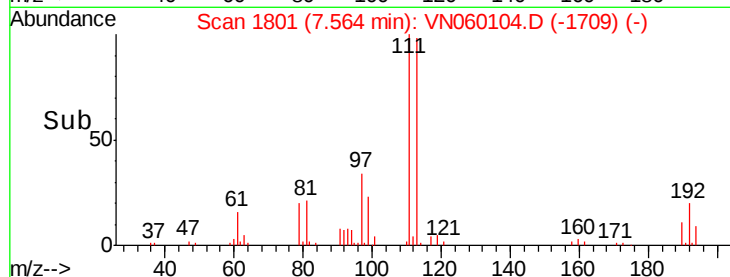
192 20.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.740 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

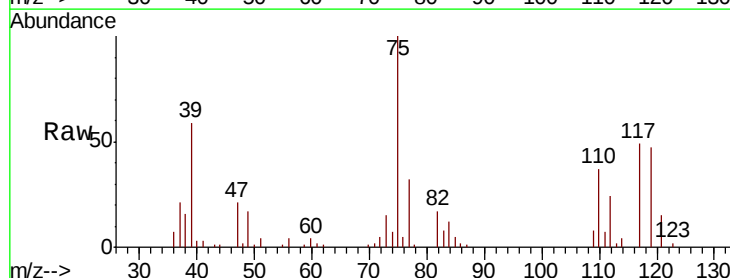
Tgt Ion: 75 Resp: 50695

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.3

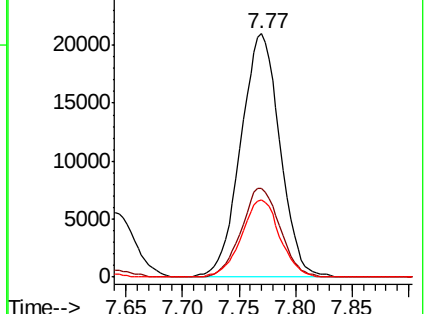
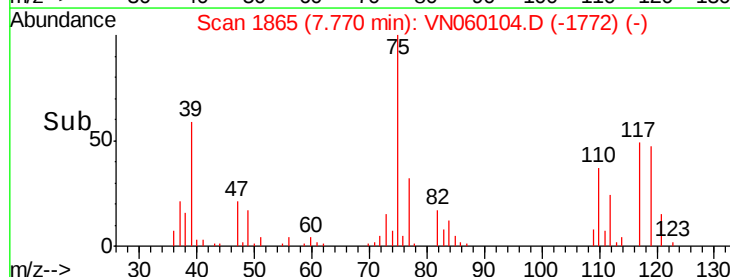
77 30.9 25.1 37.7

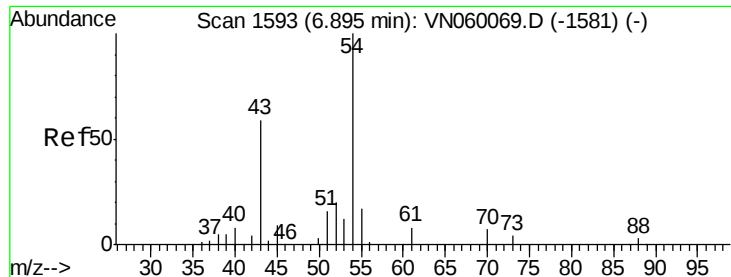


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

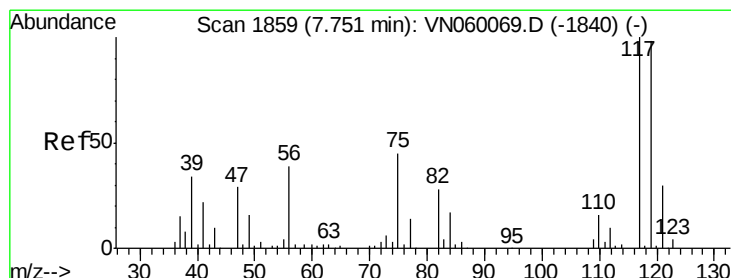
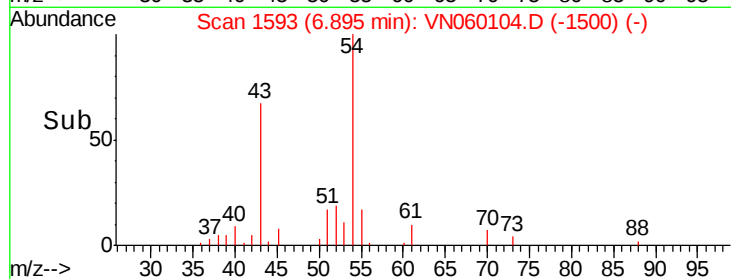
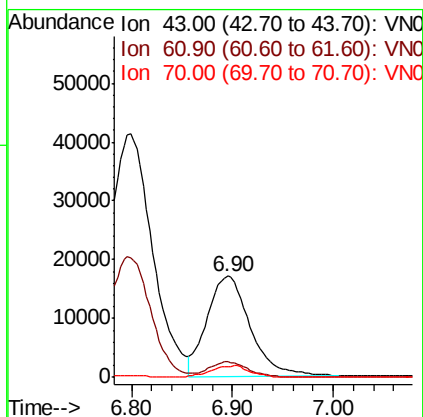
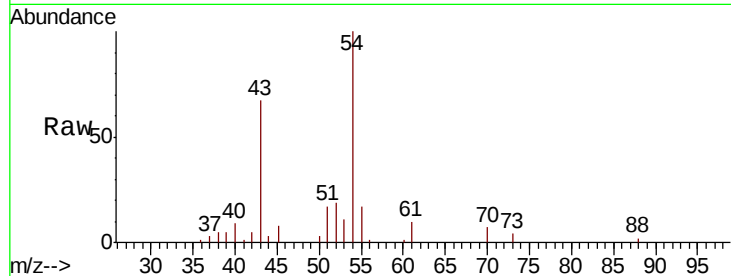




#37
Ethyl Acetate
Concen: 20.730 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

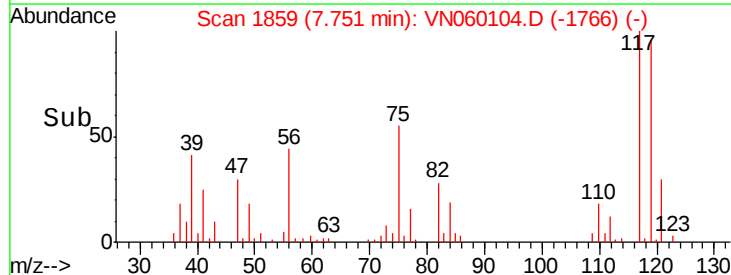
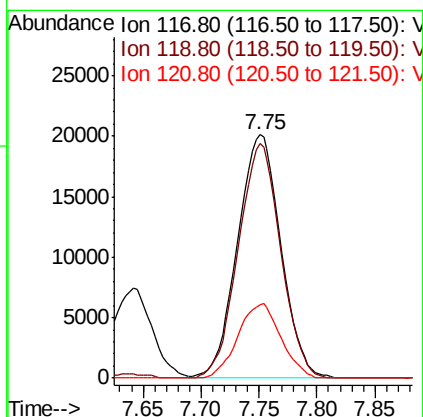
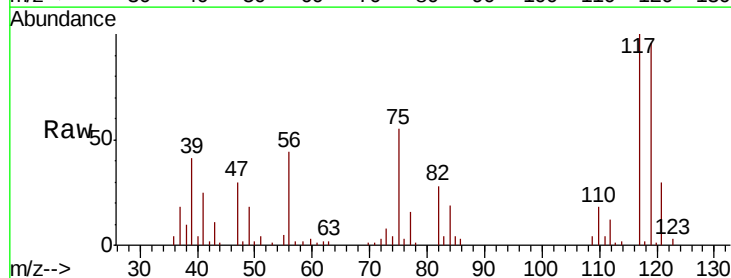
Instrument :
MSVOA_N
ClientSampled :

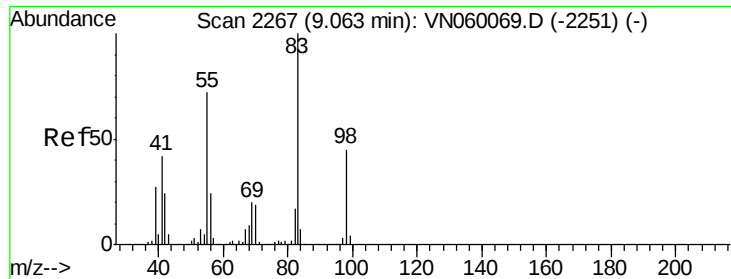
Tot Ion: 43 Resp: 50680
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.2
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.794 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 117 Resp: 52277
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4
121 30.3 24.2 36.2

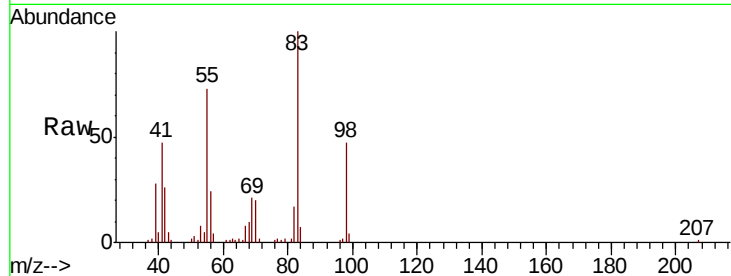




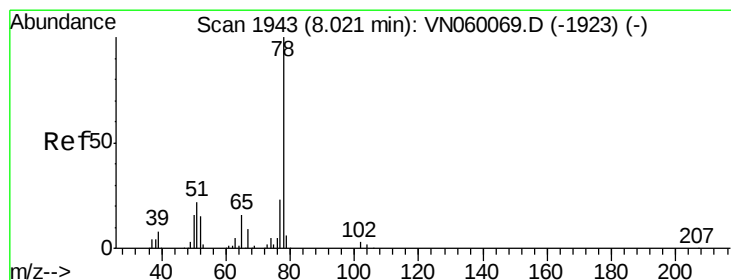
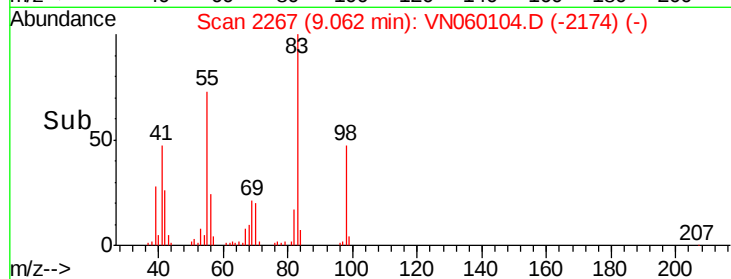
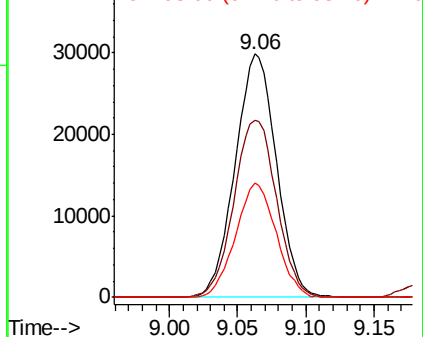
#39
Methvlcvclohexane
Concen: 18.681 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 62731
Ion Ratio Lower Upper
83 100
55 72.7 57.8 86.8
98 47.2 36.4 54.6

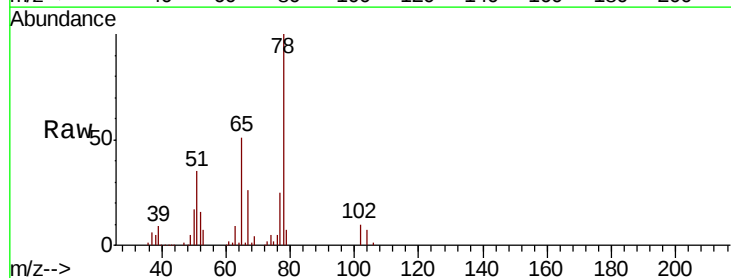


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

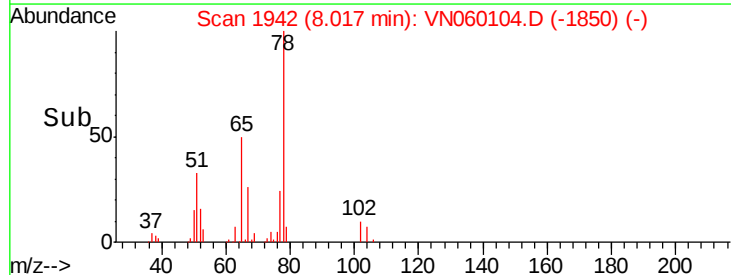
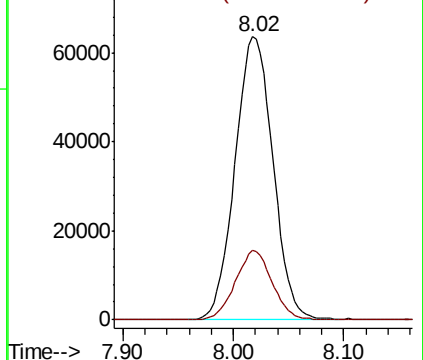


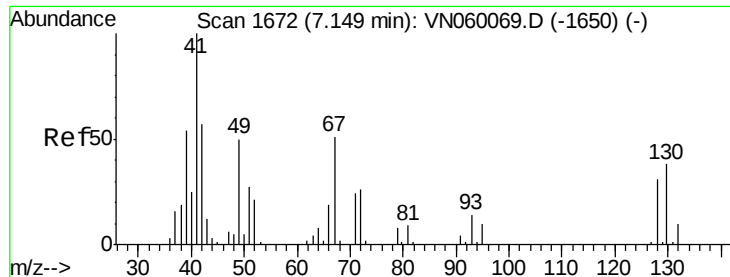
#40
Benzene
Concen: 18.912 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 78 Resp: 151756
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2



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





#41

Methacrylonitrile

Concen: 69.414 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.03 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 71169

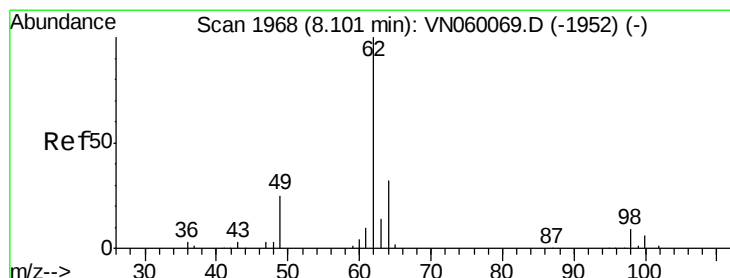
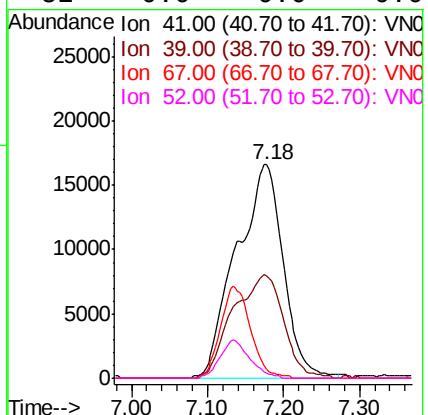
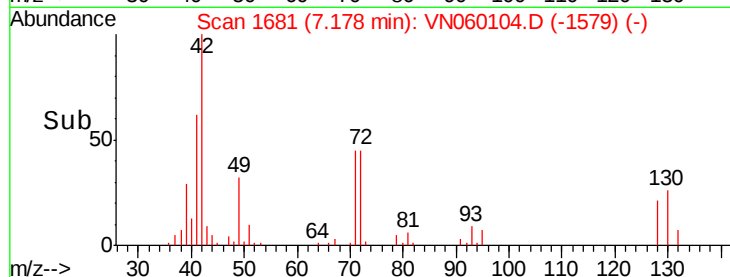
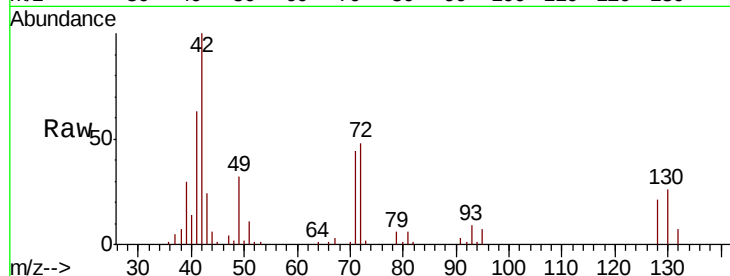
Ion Ratio Lower Upper

41 100

39 52.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 19.748 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN060104.D

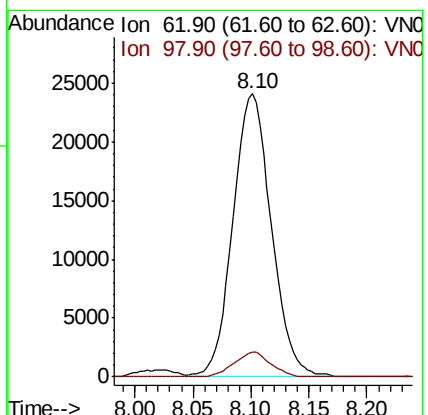
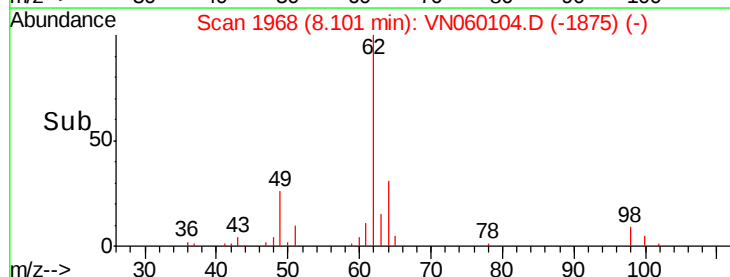
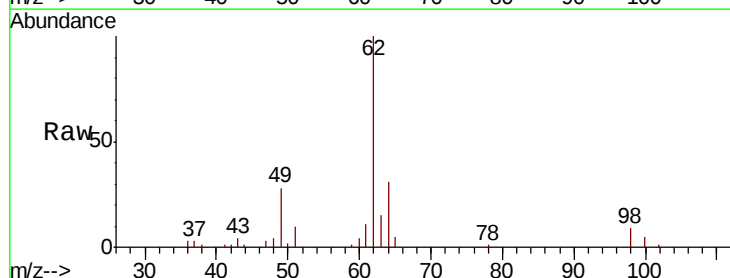
Acq: 14 Feb 2020 12:40

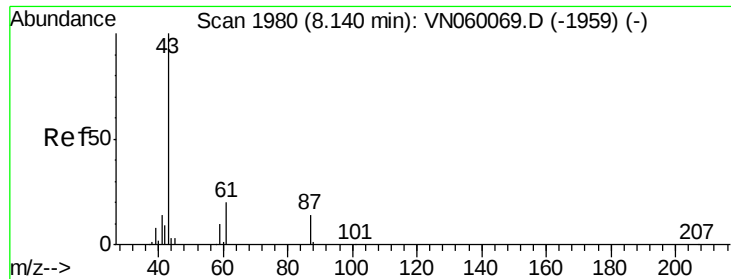
Tgt Ion: 62 Resp: 55539

Ion Ratio Lower Upper

62 100

98 8.4 0.0 18.2

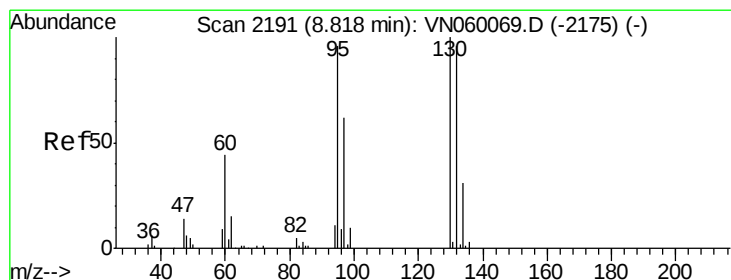
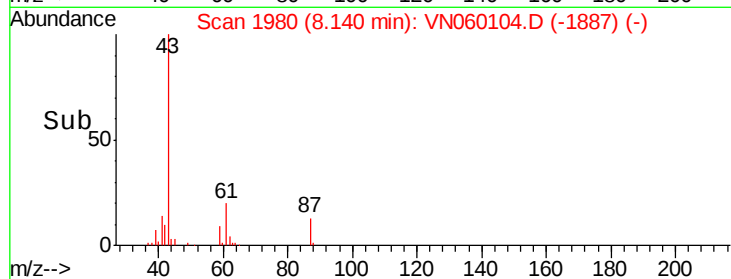
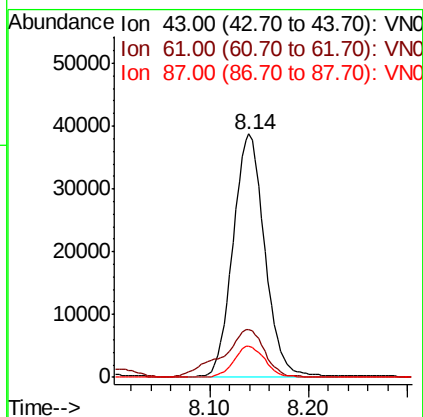
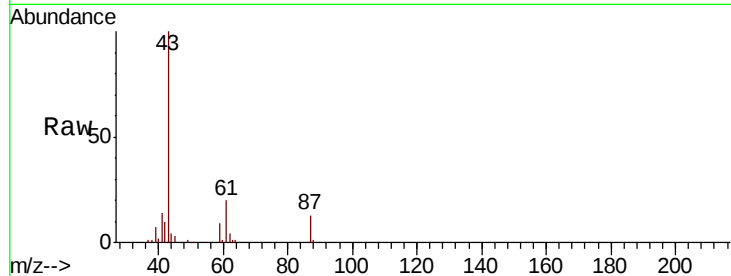




#43
Isopropyl Acetate
Concen: 20.719 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

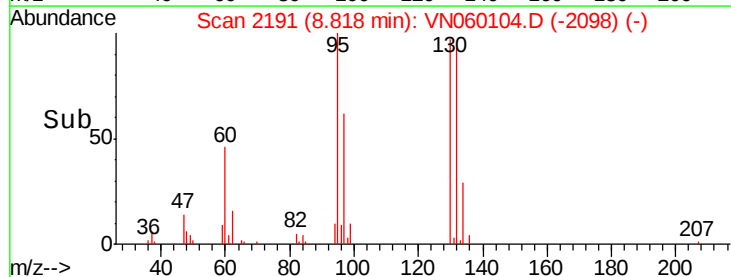
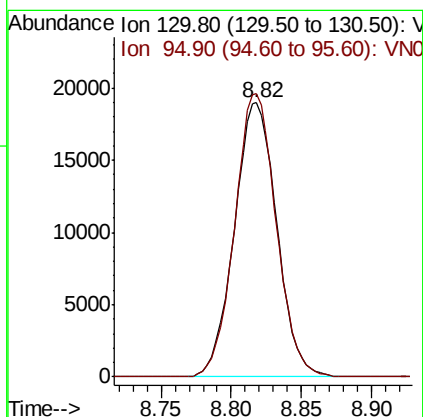
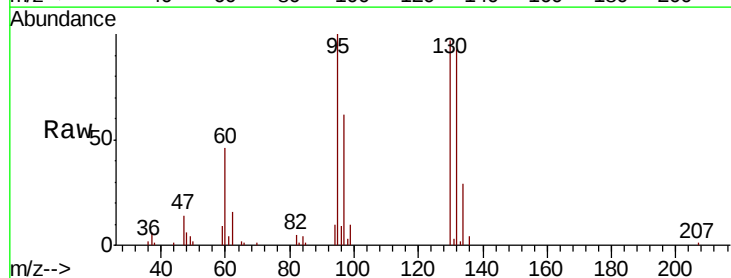
Instrument :
MSVOA_N
ClientSampled :

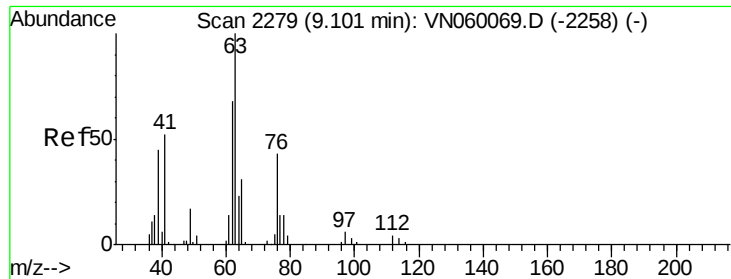
Tot Ion: 43 Resp: 86589
Ion Ratio Lower Upper
43 100
61 26.1 21.8 32.6
87 12.4 11.4 17.2



#44
Trichloroethene
Concen: 17.973 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion:130 Resp: 39935
Ion Ratio Lower Upper
130 100
95 103.3 0.0 192.4





#45

1,2-Dichloropropane

Concen: 20.180 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

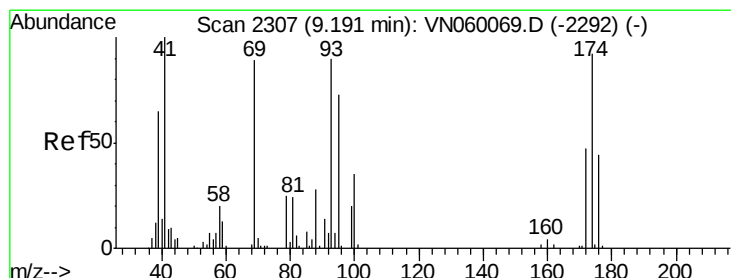
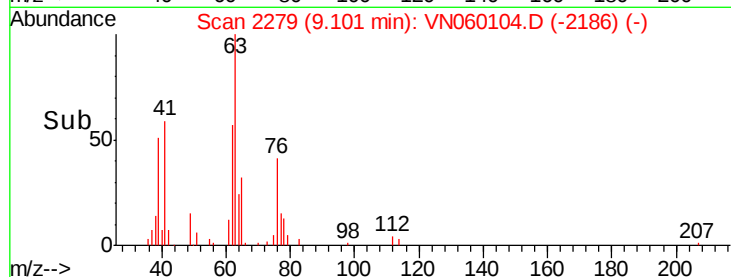
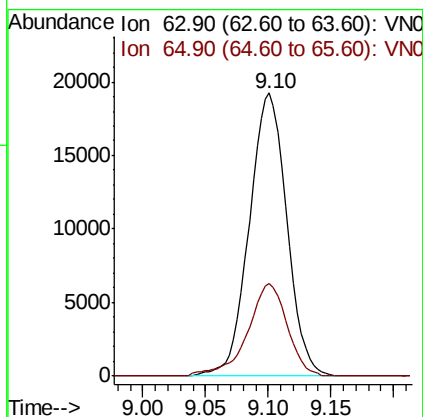
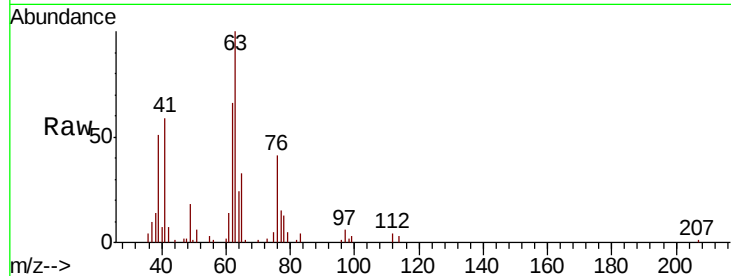
ClientSampleId :

Tot Ion: 63 Resp: 40091

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4



#46

Dibromomethane

Concen: 19.119 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

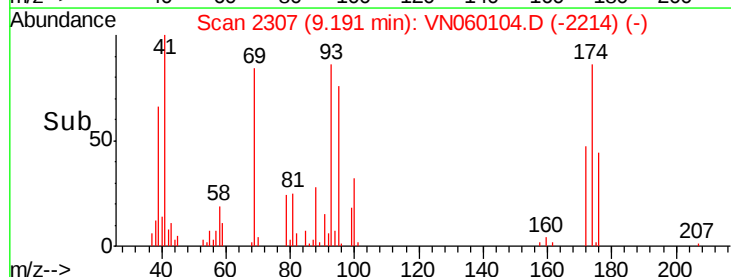
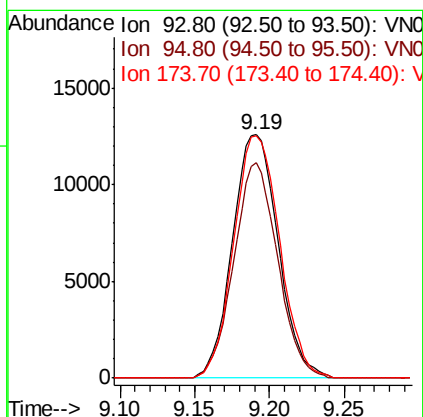
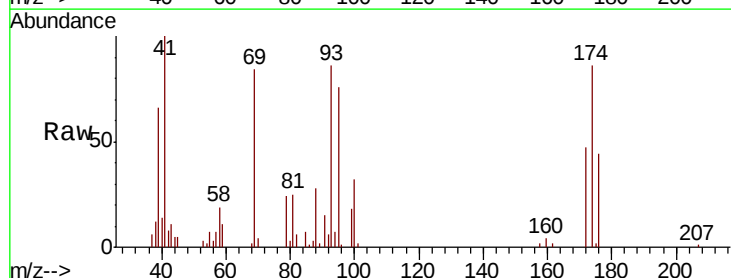
Tgt Ion: 93 Resp: 26842

Ion Ratio Lower Upper

93 100

95 84.7 65.0 97.6

174 99.9 82.3 123.5

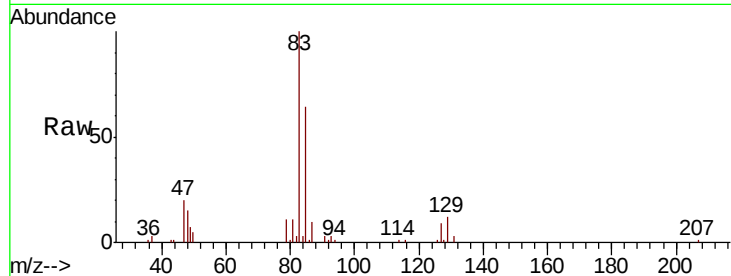




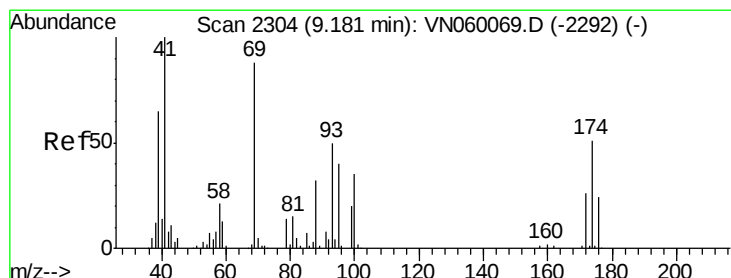
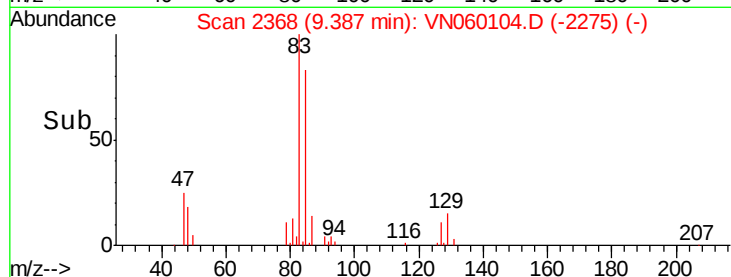
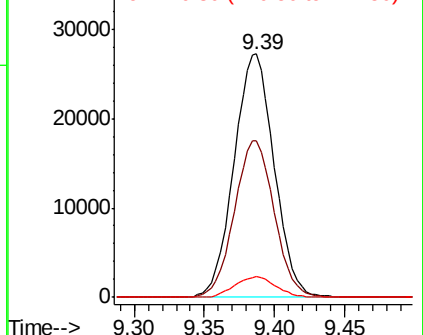
#47
Bromodichloromethane
Concen: 19.000 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 54232
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 8.6 7.0 10.6

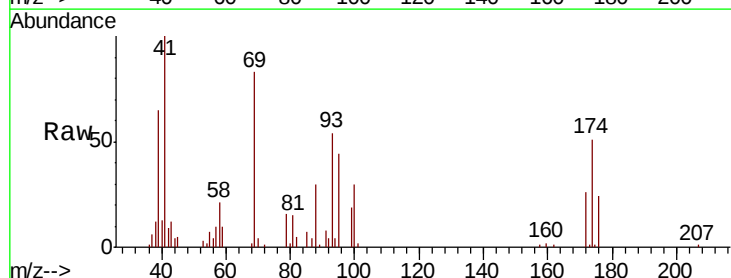


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

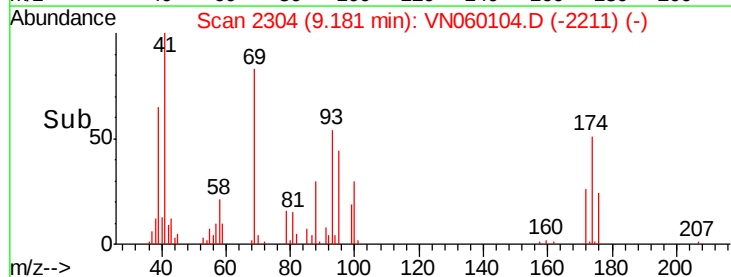
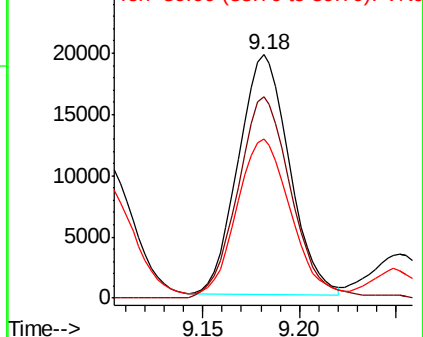


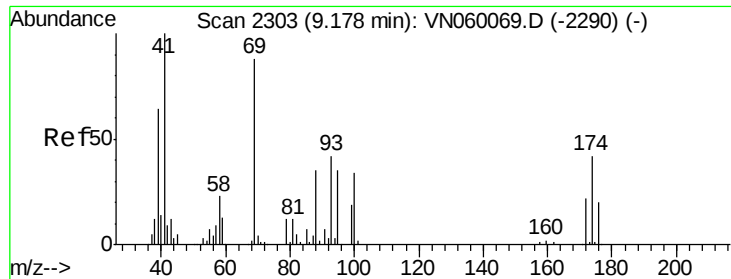
#48
Methyl methacrylate
Concen: 19.078 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 41 Resp: 35773
Ion Ratio Lower Upper
41 100
69 88.9 72.0 108.0
39 70.9 54.1 81.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

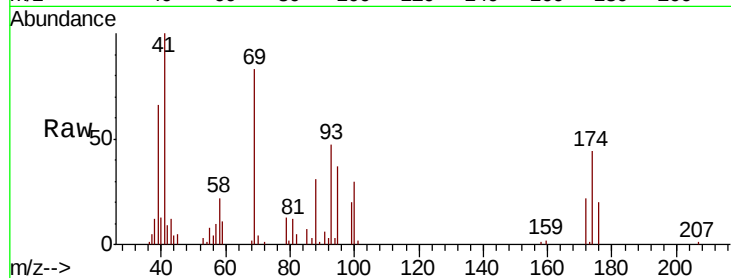




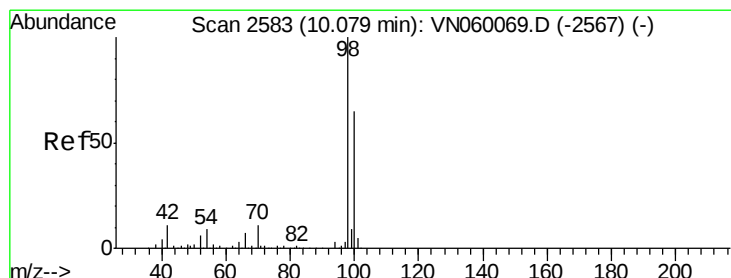
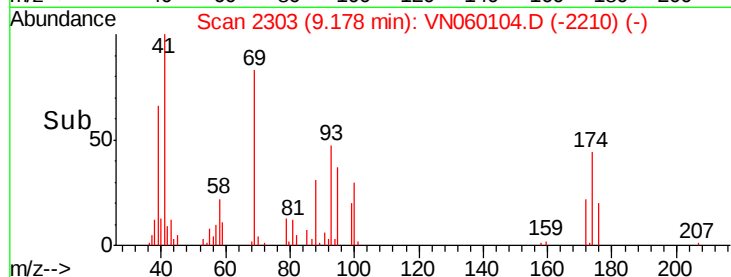
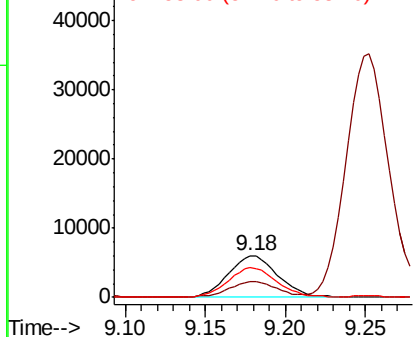
#49
1,4-Dioxane
Concen: 393.414 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 12604
Ion Ratio Lower Upper
88 100
43 37.3 26.2 39.2
58 70.1 53.2 79.8

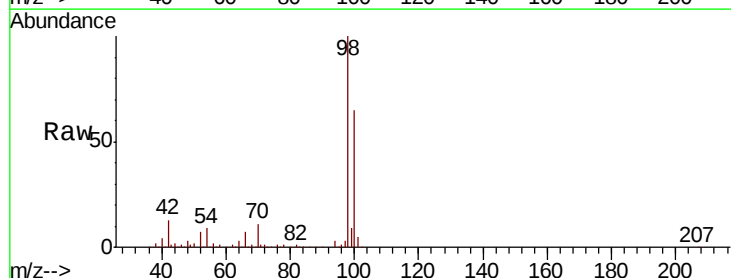


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

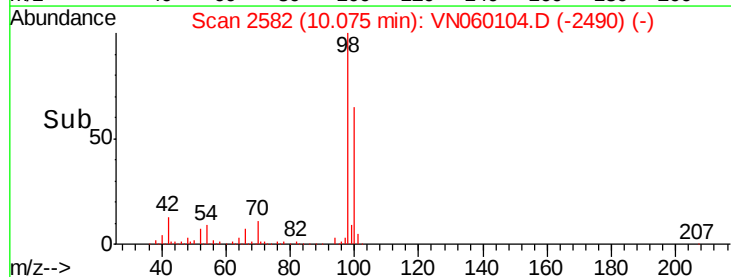
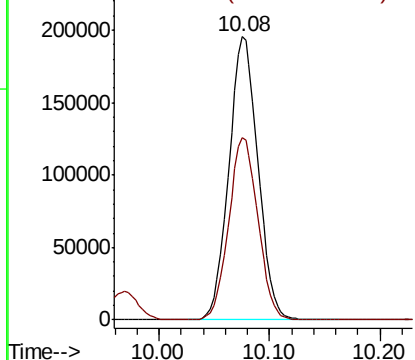


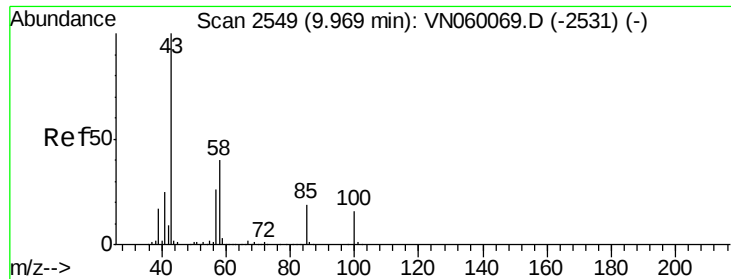
#50
Toluene-d8
Concen: 50.469 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 98 Resp: 356801
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



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: 101.545 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

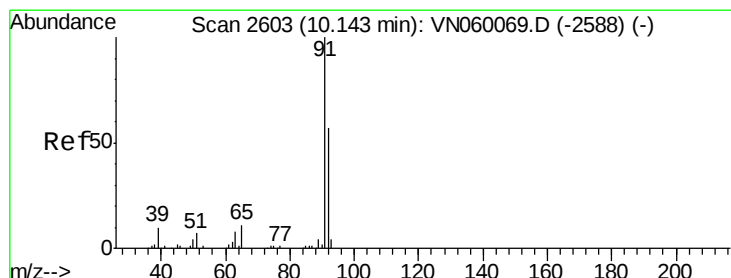
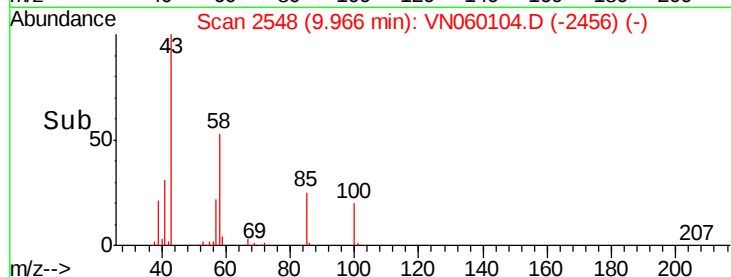
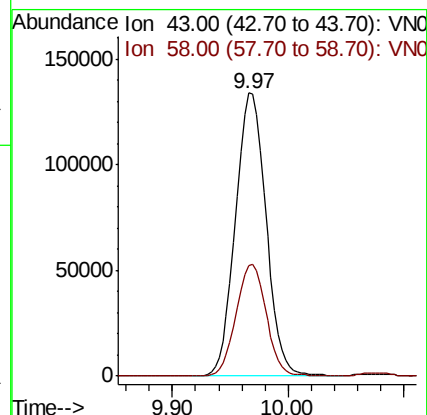
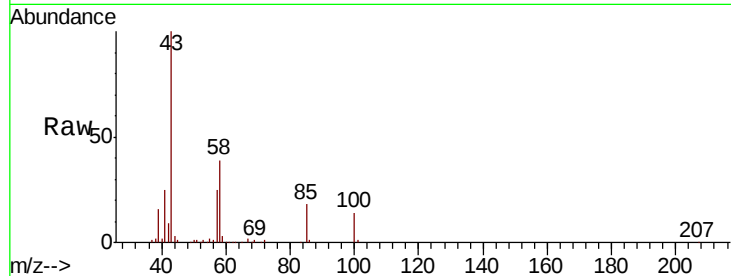
ClientSampleId :

Tot Ion: 43 Resp: 245638

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.8



#52

Toluene

Concen: 18.502 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060104.D

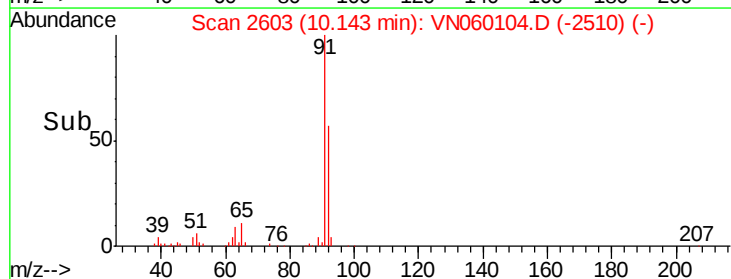
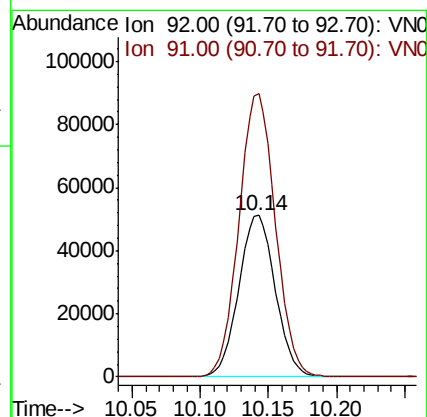
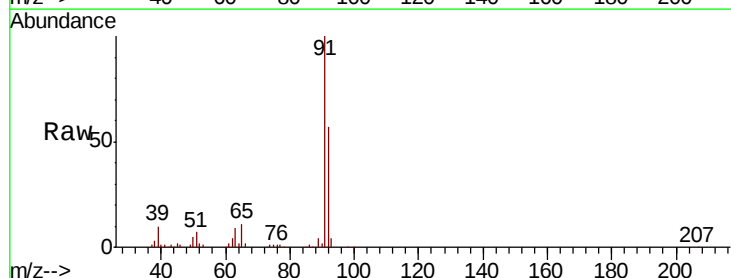
Acq: 14 Feb 2020 12:40

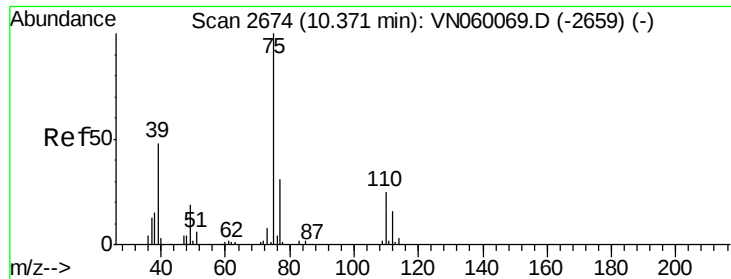
Tgt Ion: 92 Resp: 95208

Ion Ratio Lower Upper

92 100

91 175.3 140.9 211.3

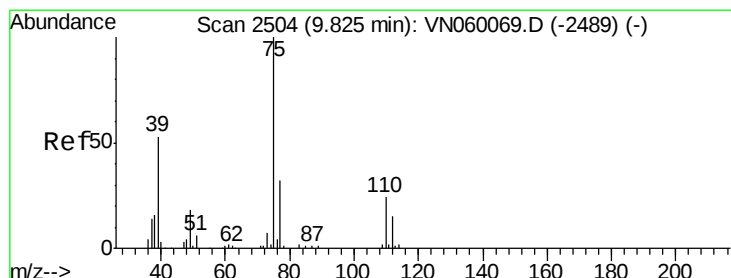
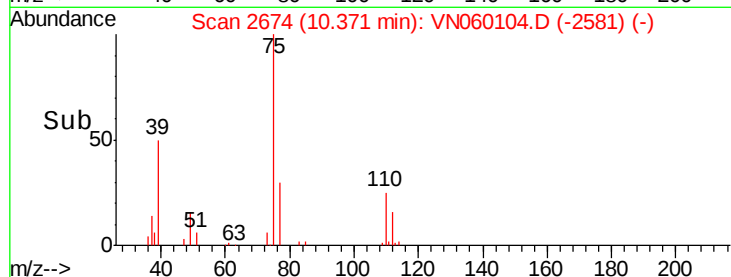
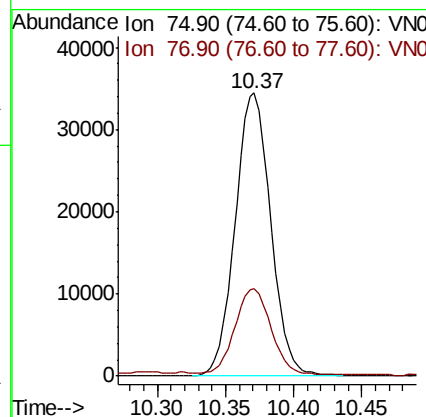
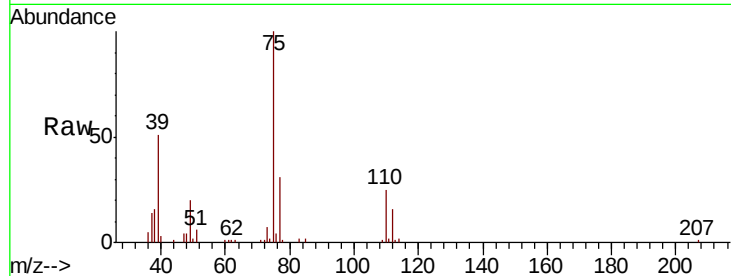




#53
t-1,3-Dichloropropene
Concen: 19.351 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

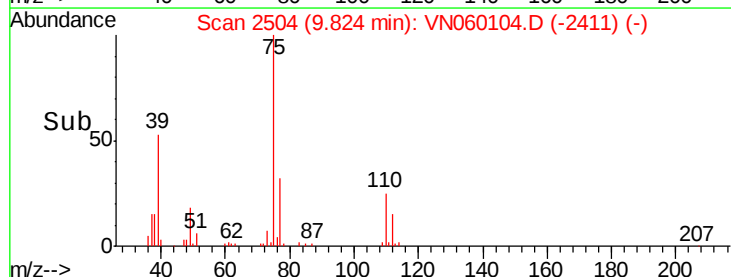
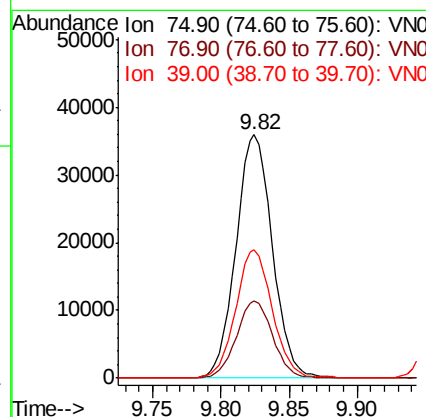
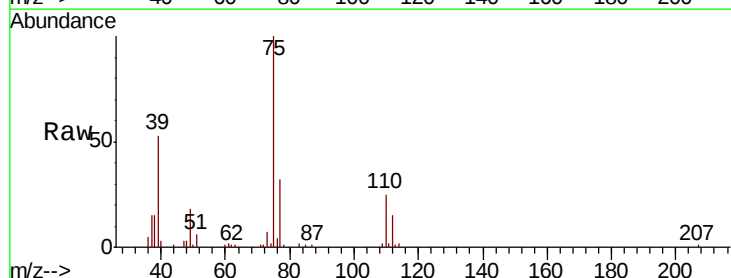
Instrument :
MSVOA_N
ClientSampled :

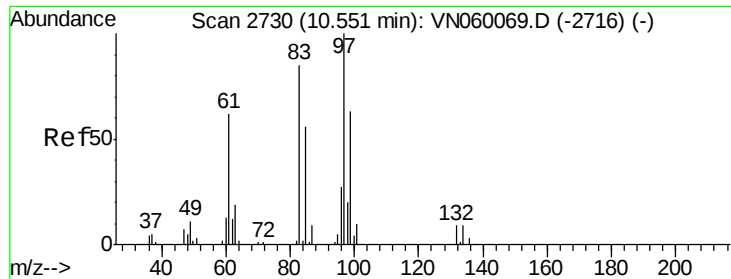
Tot Ion: 75 Resp: 62346
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.626 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 75 Resp: 66583
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 52.5 42.2 63.4

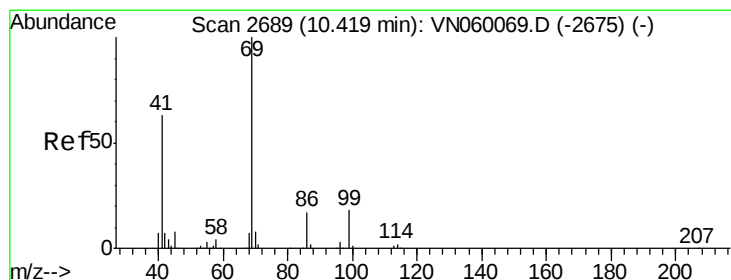
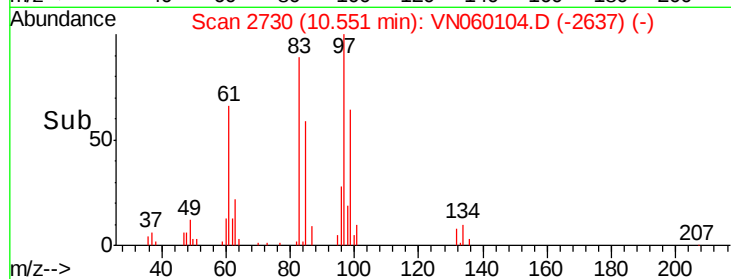
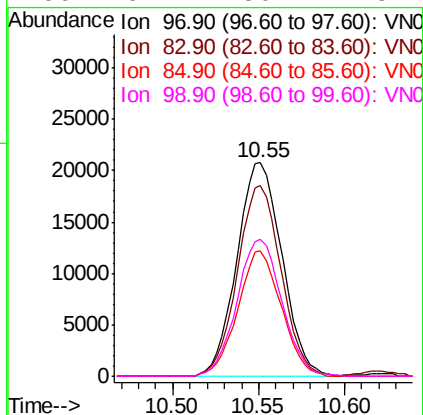
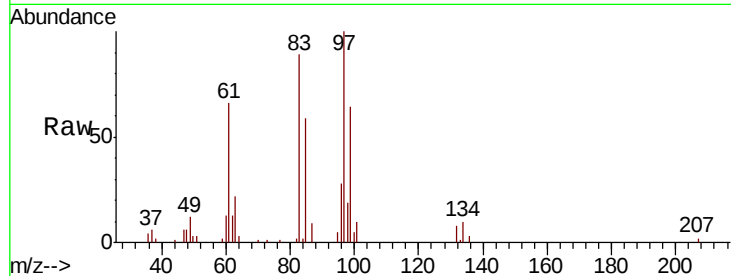




#55
 1,1,2-Trichloroethane
 Concen: 18.802 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

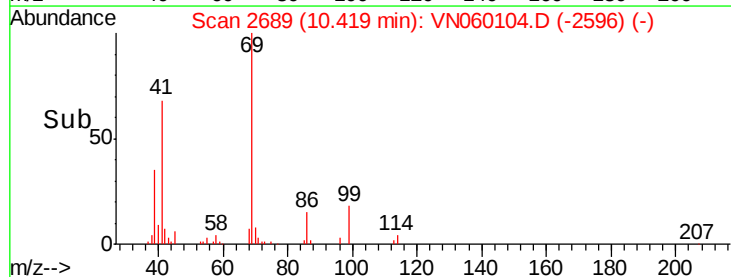
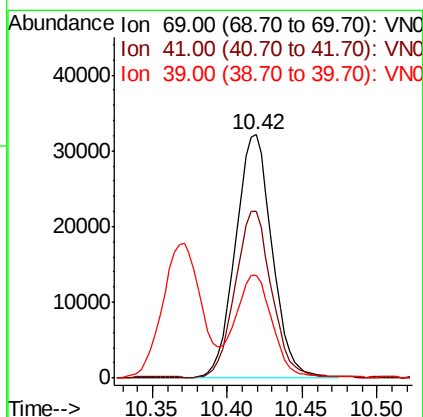
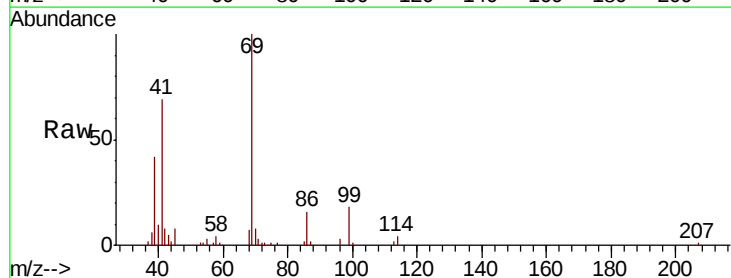
Instrument :
 MSVOA_N
 ClientSampleId :

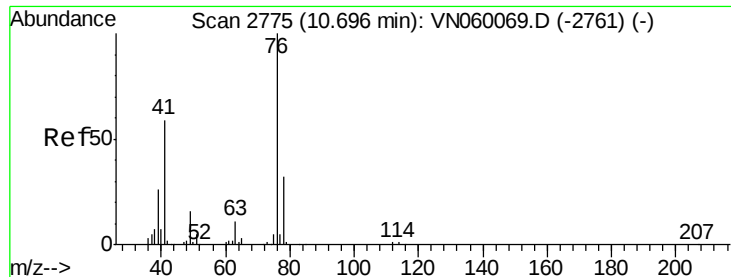
Tot Ion:	97	Resp:	37746
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.9	101.9
85	58.8	44.6	67.0
99	64.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.354 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion:	69	Resp:	54962
Ion	Ratio	Lower	Upper
69	100		
41	69.0	51.1	76.7
39	42.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.246 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

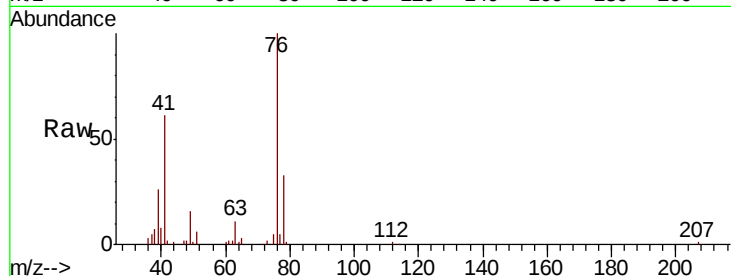
ClientSampled :

Tot Ion: 76 Resp: 63754

Ion Ratio Lower Upper

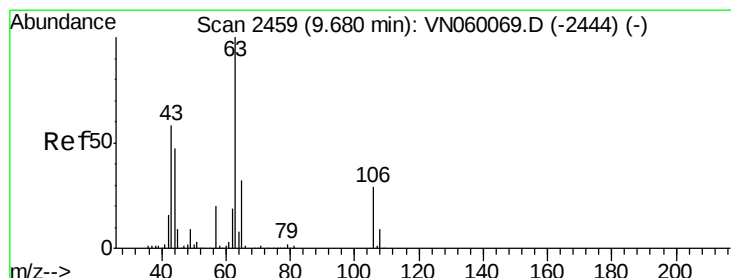
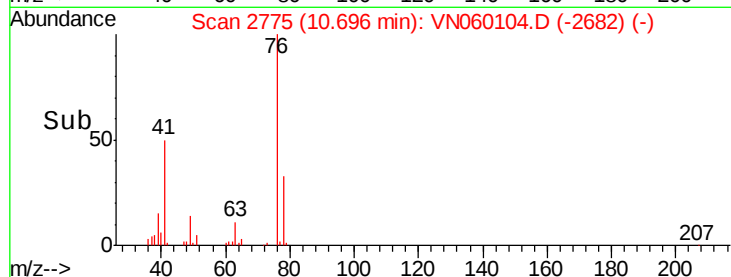
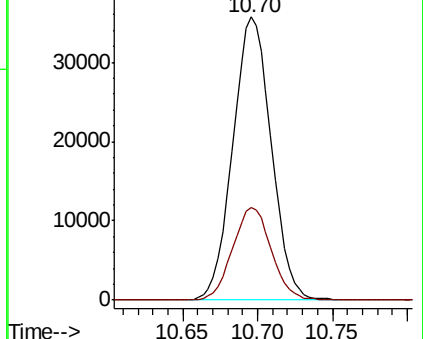
76 100

78 32.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060104.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060104.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 103.797 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060104.D

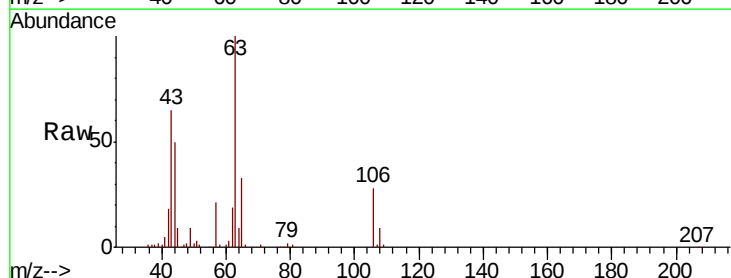
Acq: 14 Feb 2020 12:40

Tgt Ion: 63 Resp: 137324

Ion Ratio Lower Upper

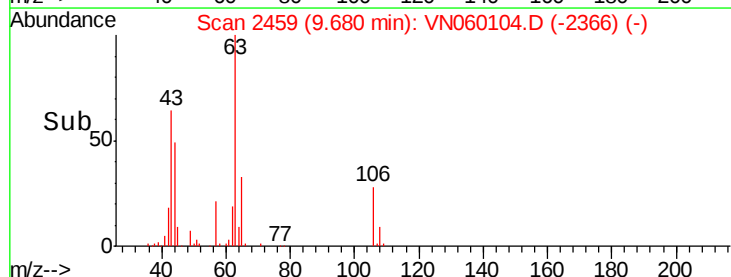
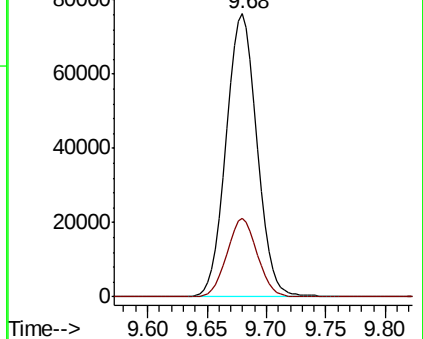
63 100

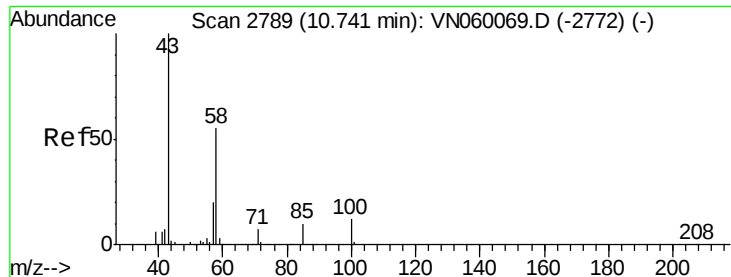
106 27.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060104.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060104.D (-2366) (-)

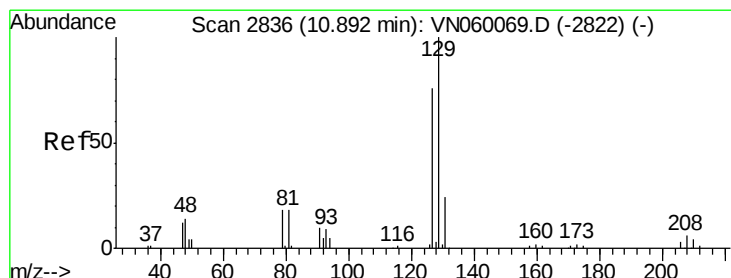
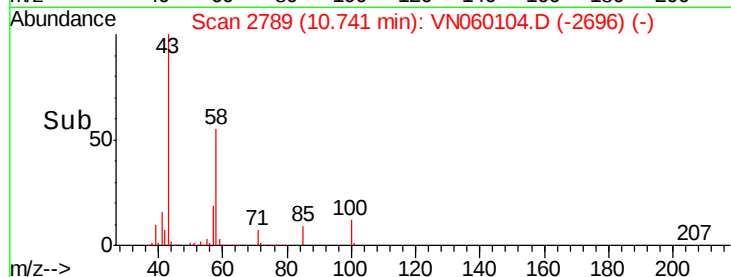
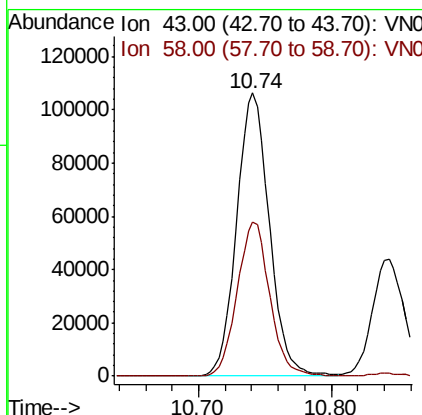
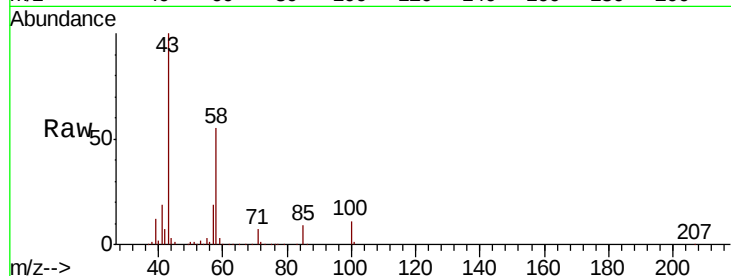




#59
2-Hexanone
Concen: 97.458 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

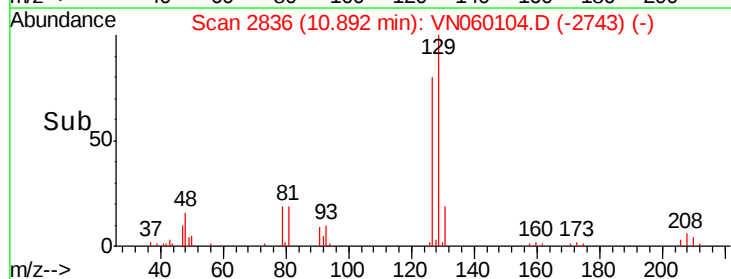
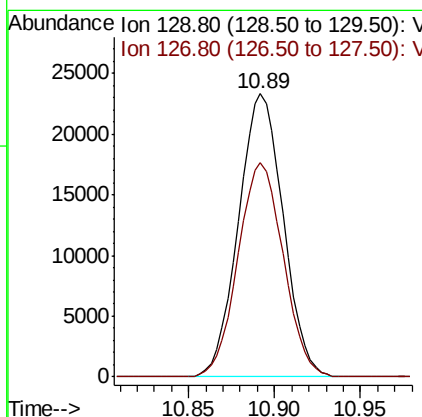
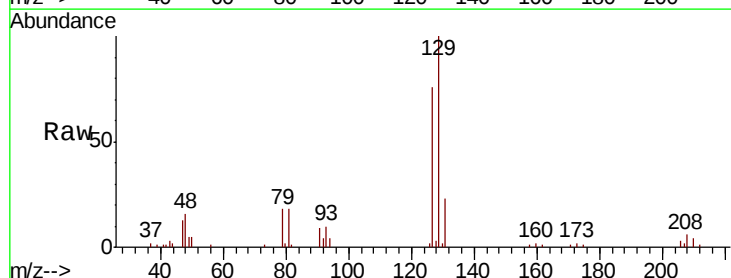
Instrument :
MSVOA_N
ClientSampleId :

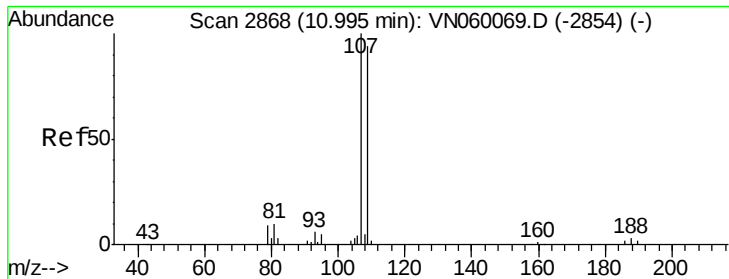
Tot Ion: 43 Resp: 182112
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4



#60
Dibromochloromethane
Concen: 18.309 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion: 129 Resp: 42179
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 18.278 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

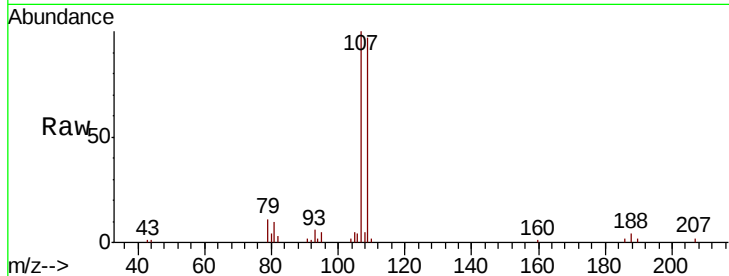
ClientSampleId :

Tot Ion:107 Resp: 38464

Ion Ratio Lower Upper

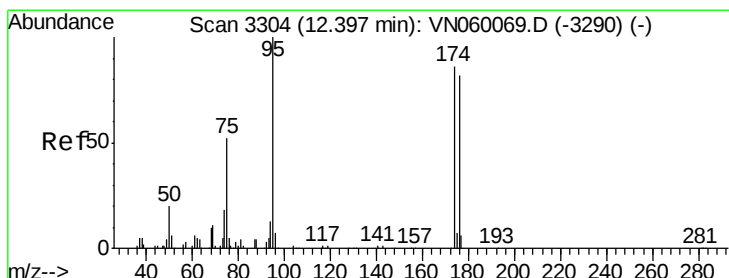
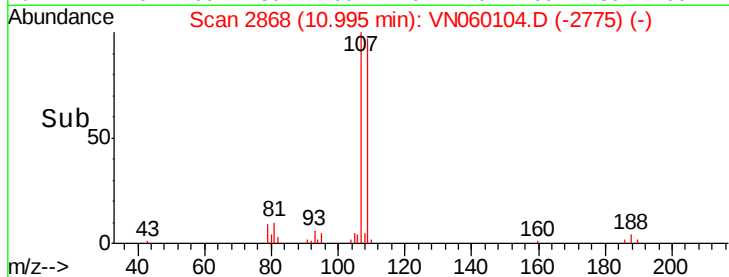
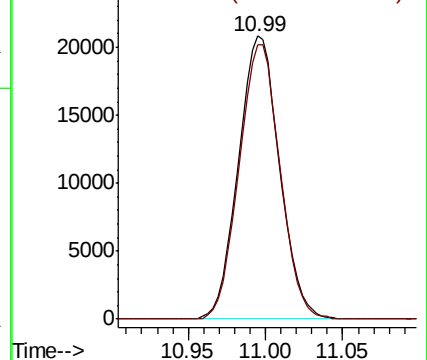
107 100

109 96.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.326 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

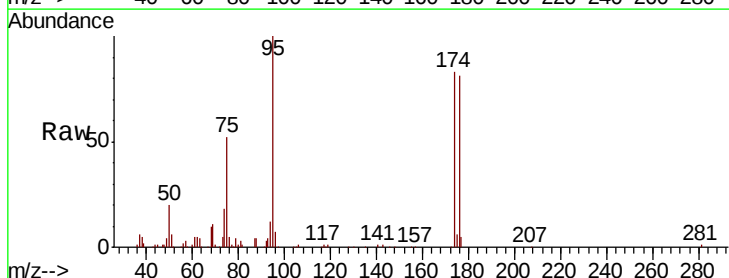
Tgt Ion: 95 Resp: 128138

Ion Ratio Lower Upper

95 100

174 82.6 0.0 169.8

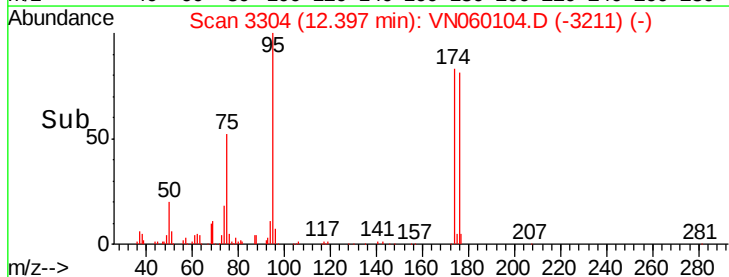
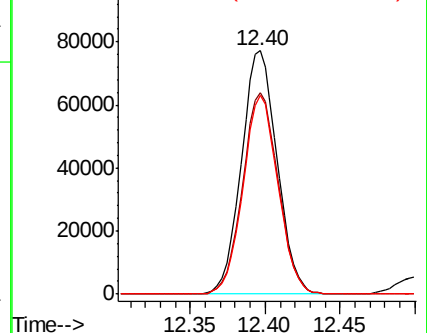
176 80.1 0.0 164.8

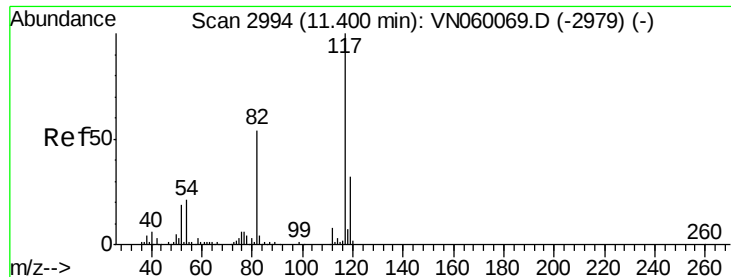


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

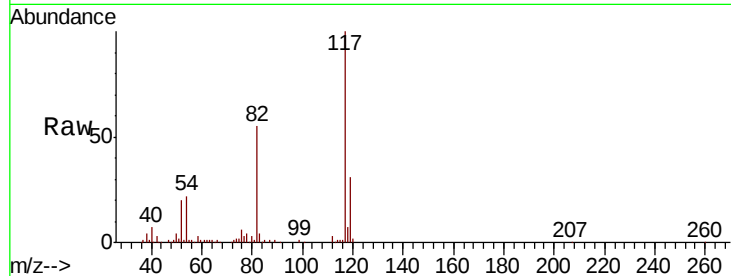




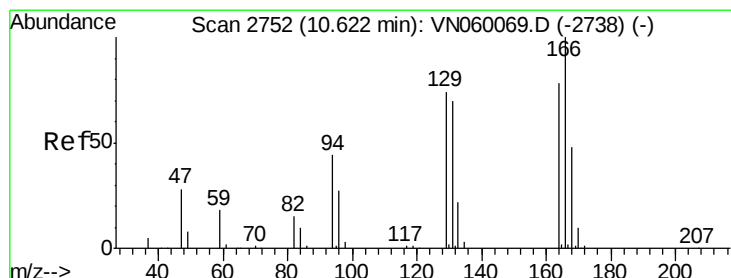
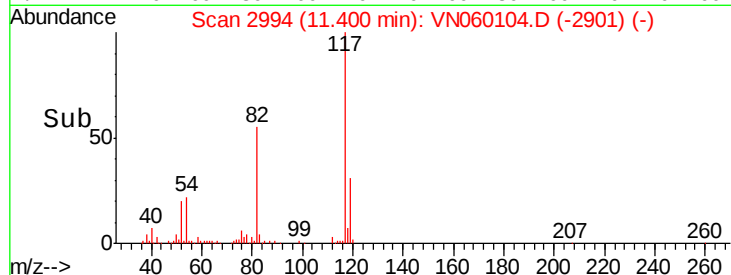
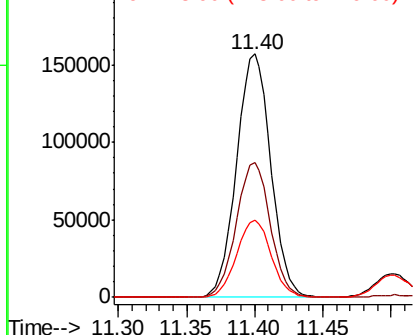
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 274125
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.5 25.8 38.6

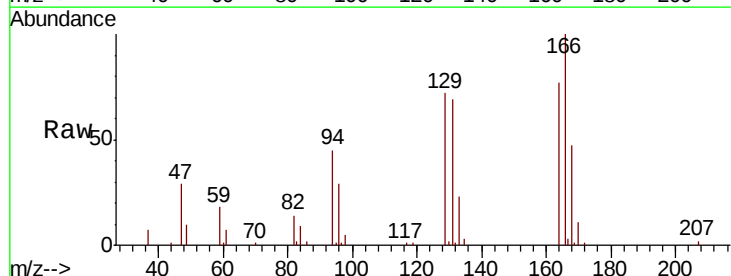


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

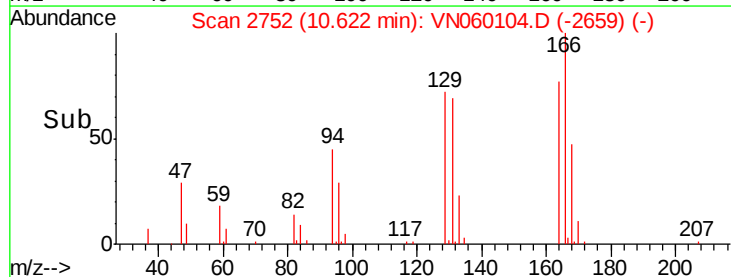
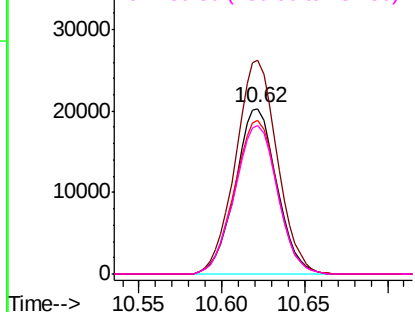


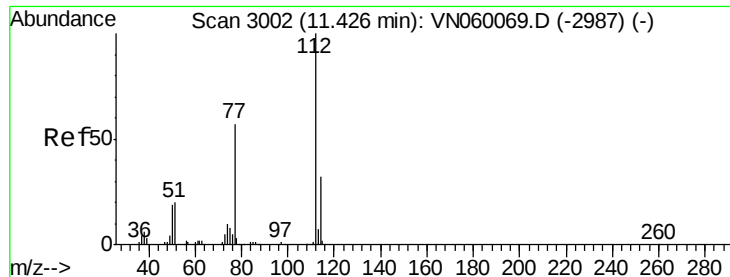
#64
Tetrachloroethene
Concen: 16.997 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion:164 Resp: 35419
Ion Ratio Lower Upper
164 100
166 129.2 101.9 152.9
129 92.9 75.4 113.0
131 89.5 71.4 107.2



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

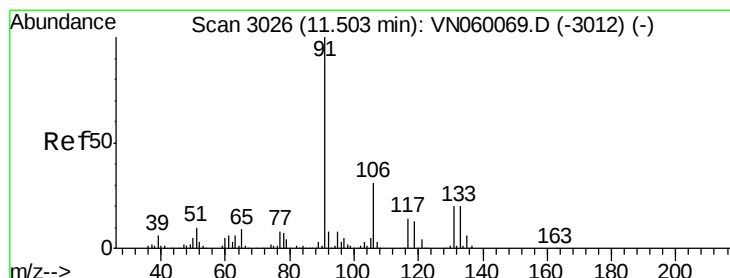
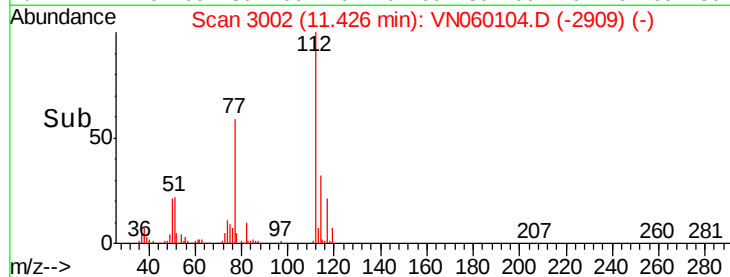
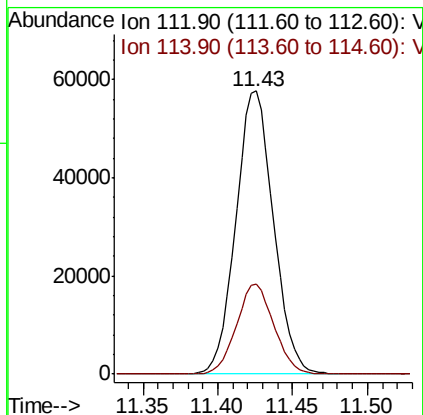
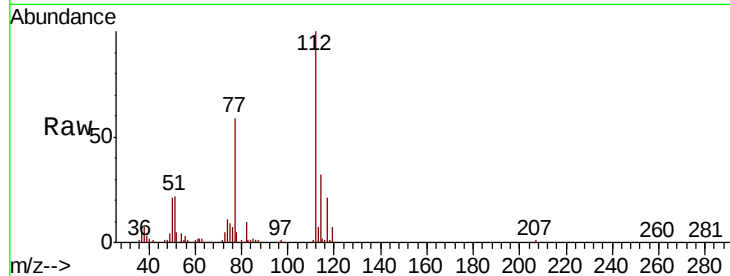




#65
Chlorobenzene
Concen: 18.050 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

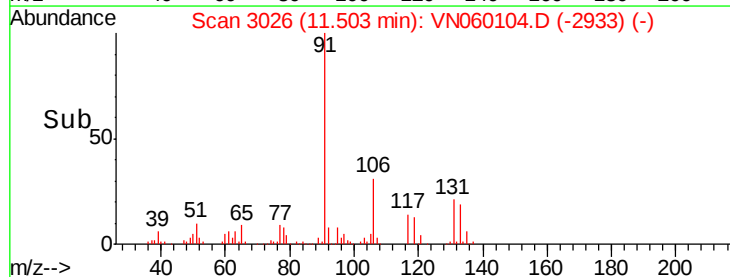
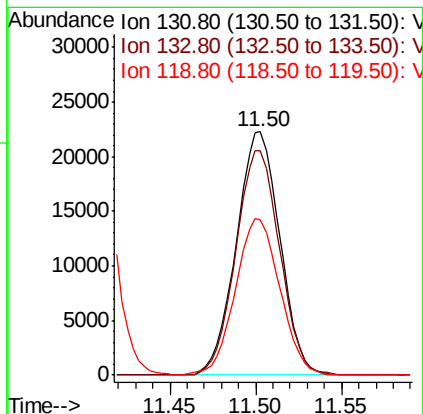
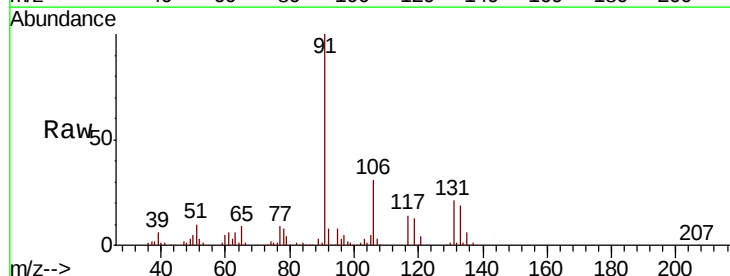
Instrument :
MSVOA_N
ClientSampleId :

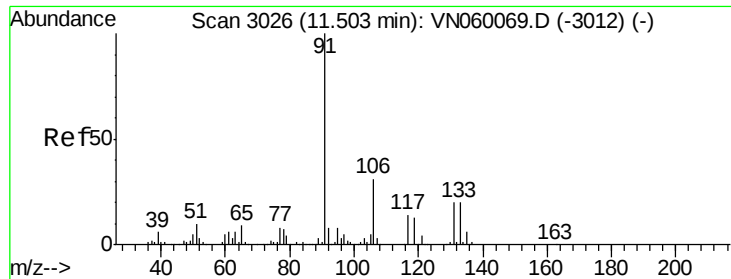
Tot Ion:112 Resp: 100807
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.541 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion:131 Resp: 39173
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.7
119 65.5 32.6 97.7





#67

Ethyl Benzene

Concen: 18.238 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

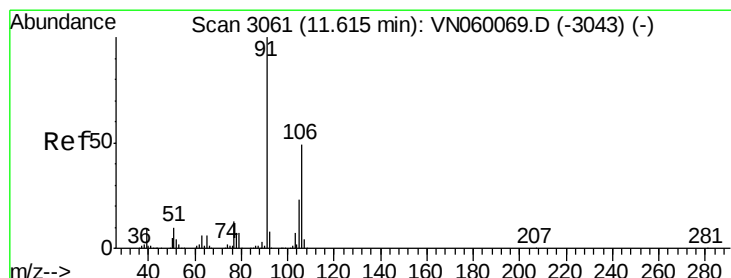
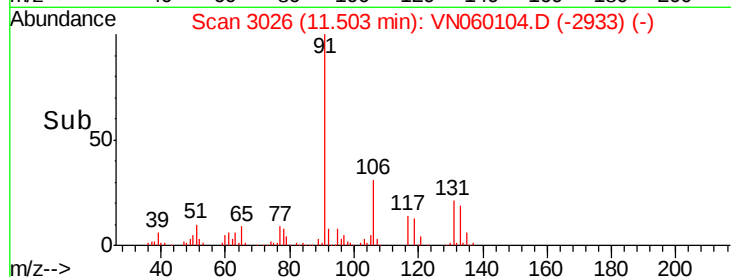
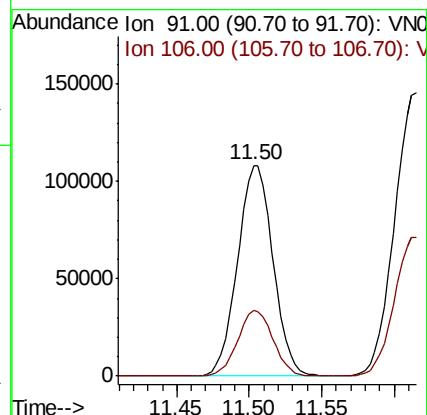
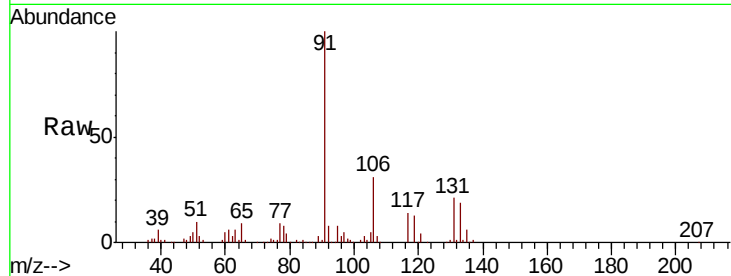
ClientSampled :

Tot Ion: 91 Resp: 183707

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 36.493 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060104.D

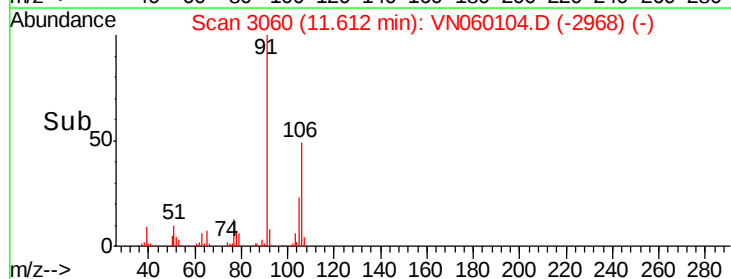
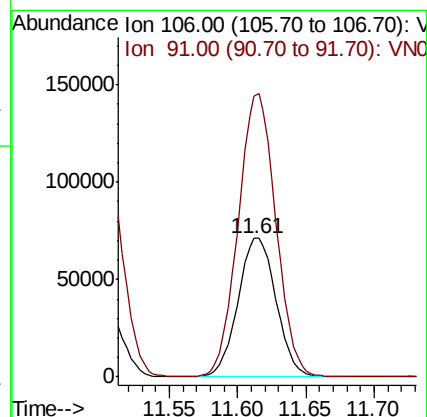
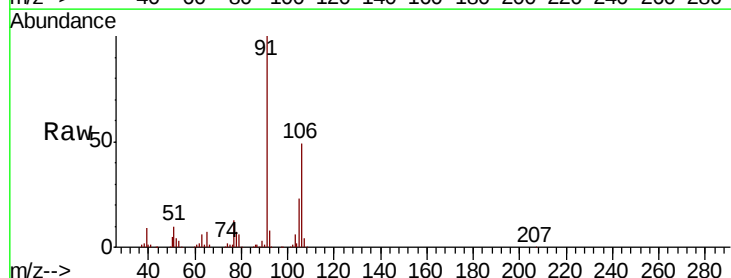
Acq: 14 Feb 2020 12:40

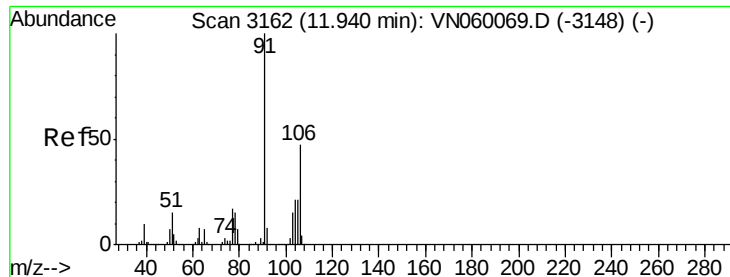
Tgt Ion: 106 Resp: 137962

Ion Ratio Lower Upper

106 100

91 201.5 162.7 244.1

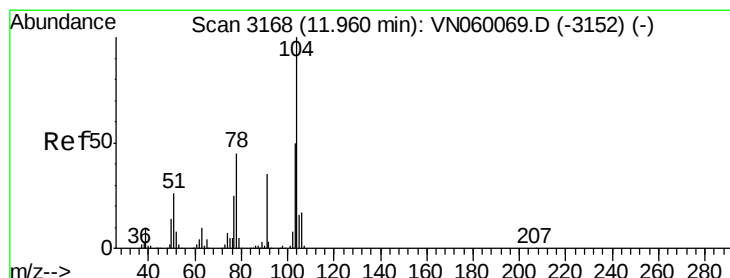
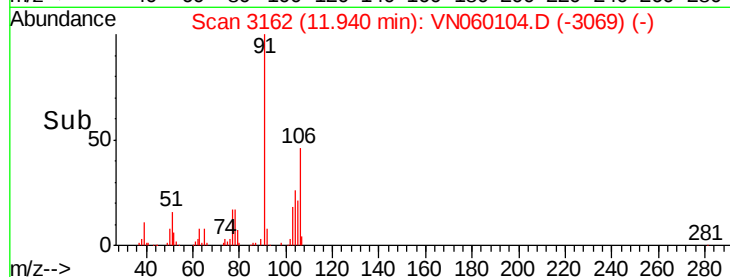
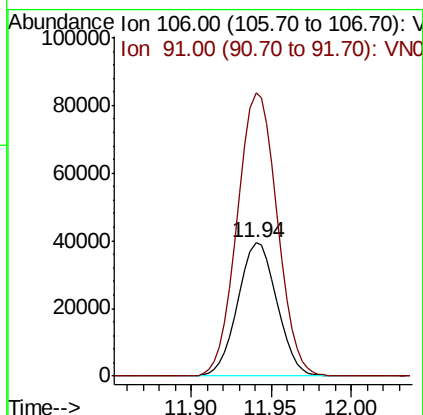
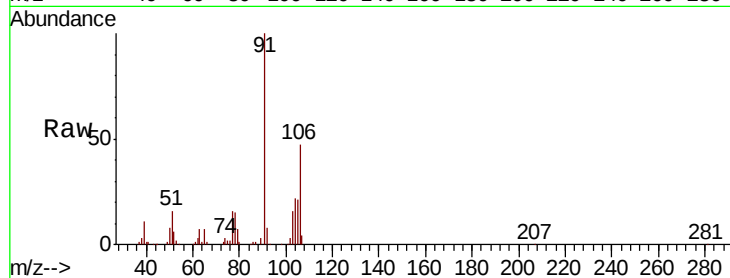




#69
o-Xylene
Concen: 18.094 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

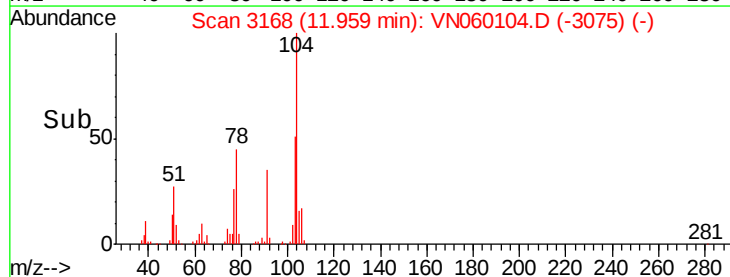
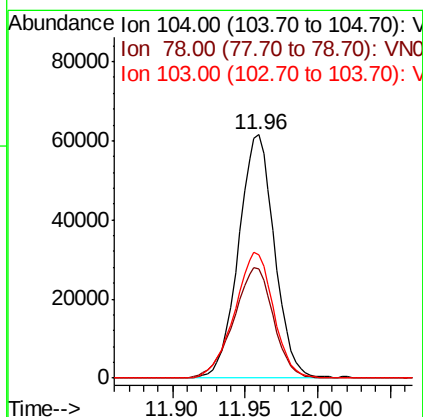
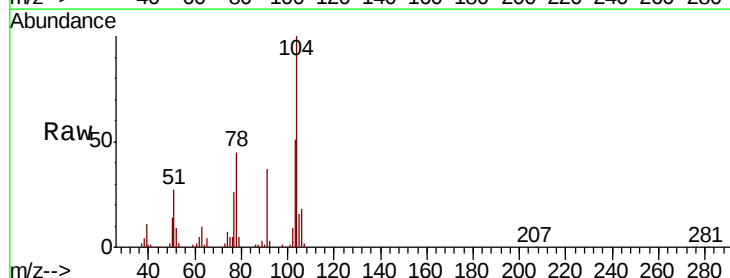
Instrument :
MSVOA_N
ClientSampled :

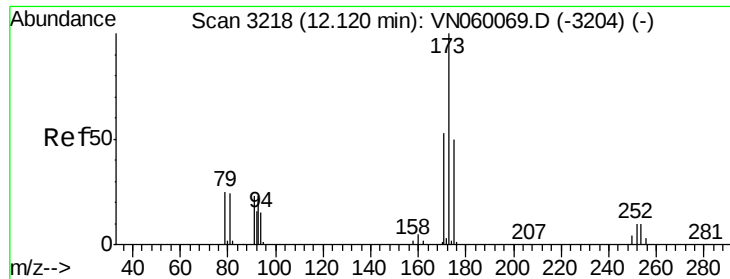
Tot Ion:106 Resp: 65863
Ion Ratio Lower Upper
106 100
91 216.1 107.2 321.6



#70
Styrene
Concen: 18.083 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion:104 Resp: 106142
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 55.9 44.3 66.5

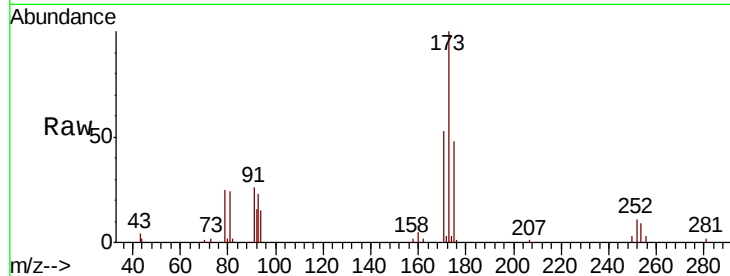




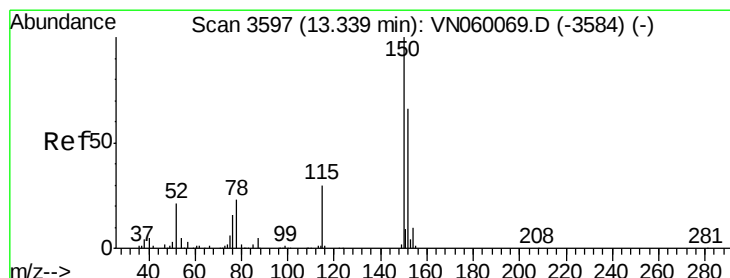
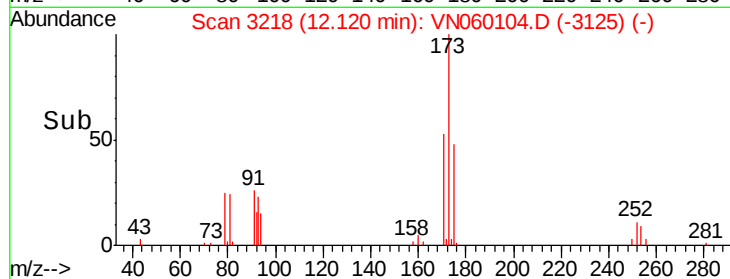
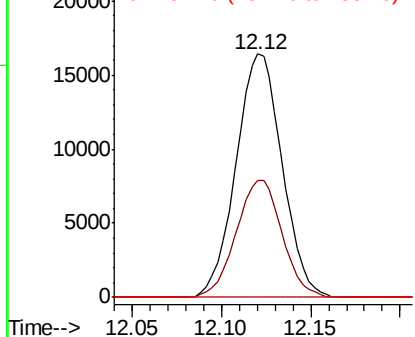
#71
Bromoform
Concen: 17.442 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.0	0.0

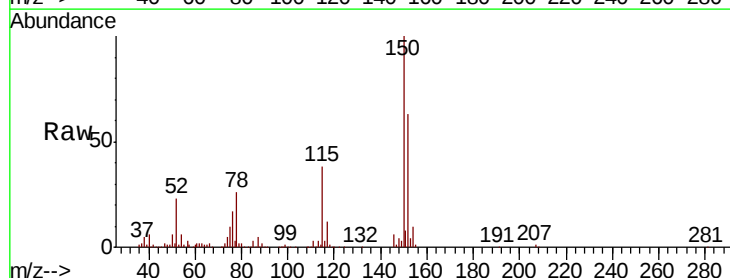


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

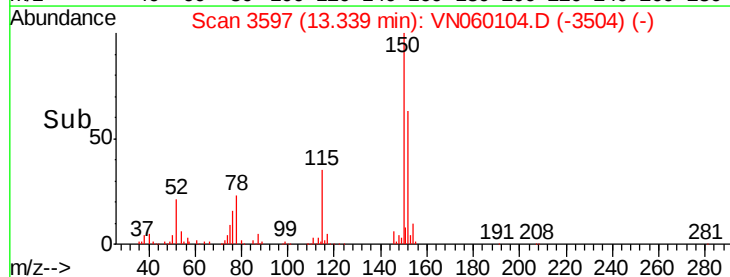
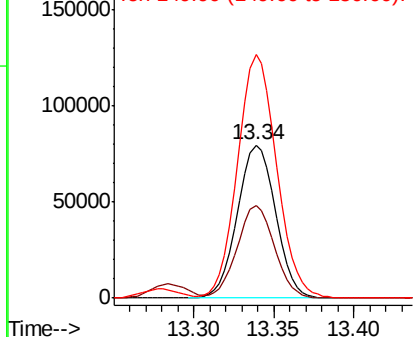


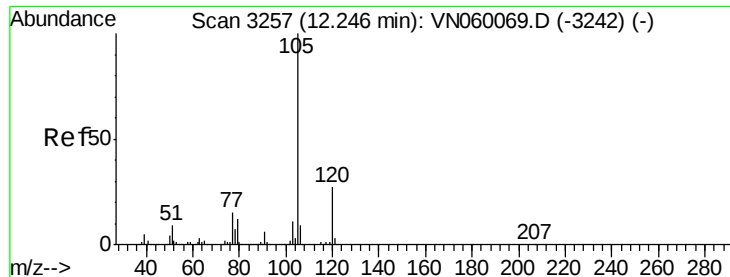
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.9	86.8
150	163.4	0.0	342.4



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: 18.652 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

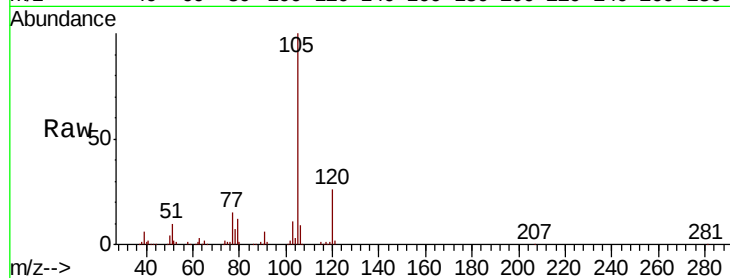
ClientSampleId :

Tot Ion:105 Resp: 180001

Ion Ratio Lower Upper

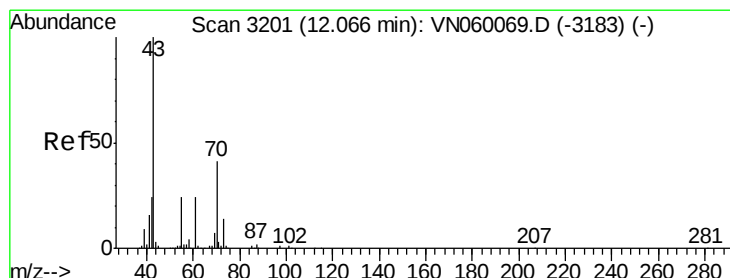
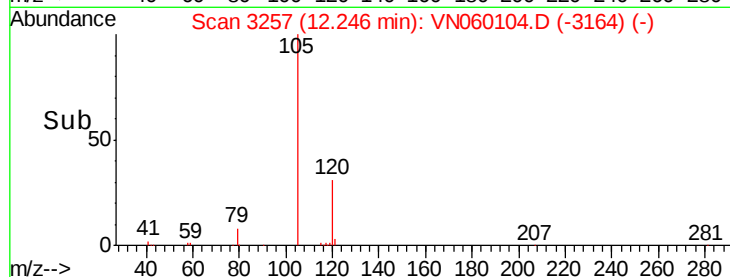
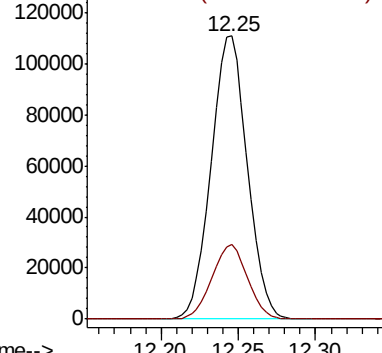
105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.875 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Tgt Ion: 43 Resp: 72643

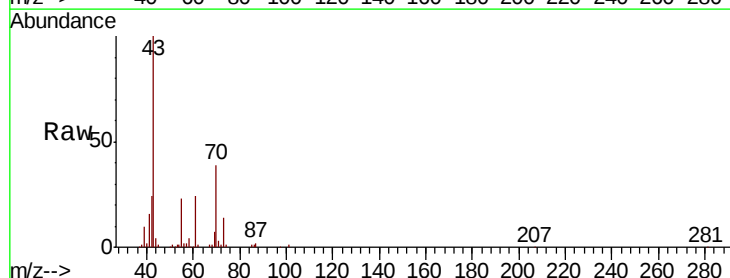
Ion Ratio Lower Upper

43 100

70 39.3 33.4 50.0

55 23.4 18.8 28.2

61 23.2 19.2 28.8

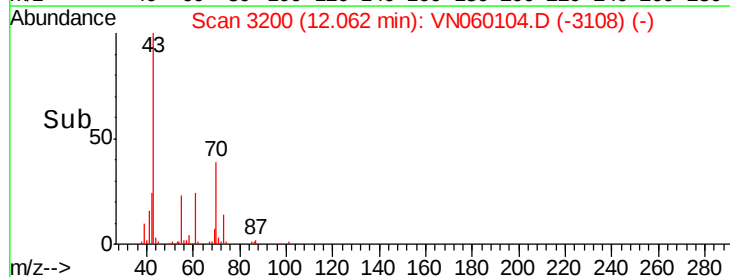
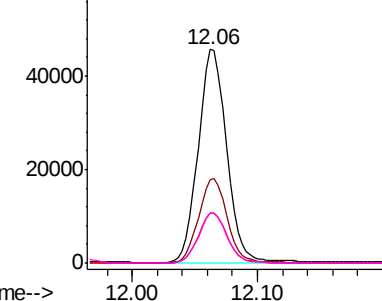


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.686 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

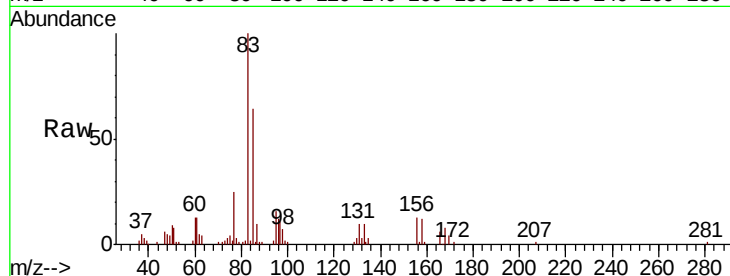
Tot Ion: 83 Resp: 54681

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

85 64.2 32.3 96.9

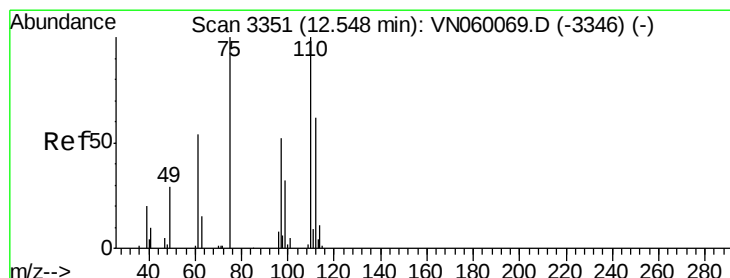
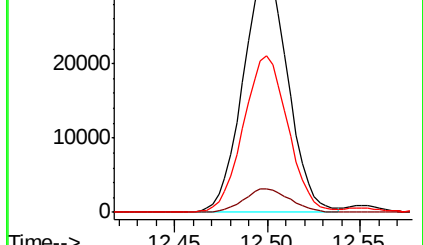
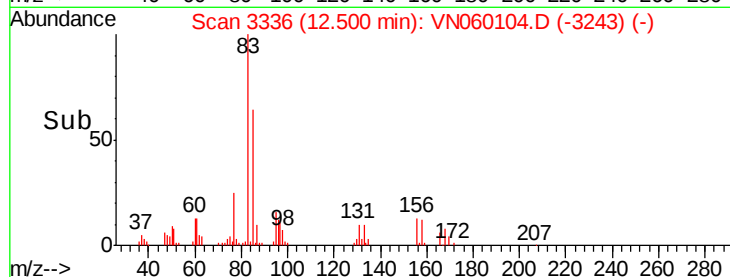


Abundance Ion 82.90 (82.60 to 83.60): VN060104.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060104.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060104.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.212 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060104.D

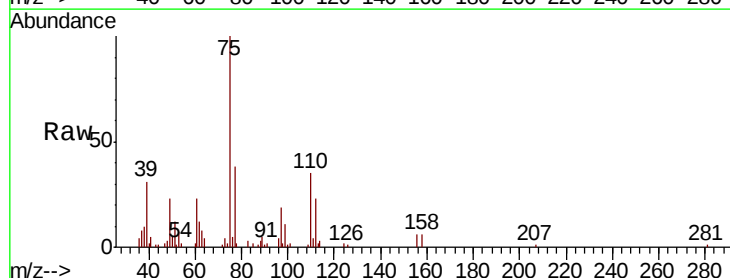
Acq: 14 Feb 2020 12:40

Tgt Ion: 75 Resp: 72227

Ion Ratio Lower Upper

75 100

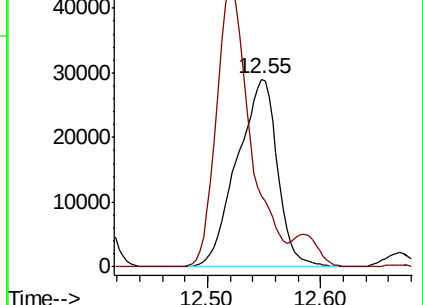
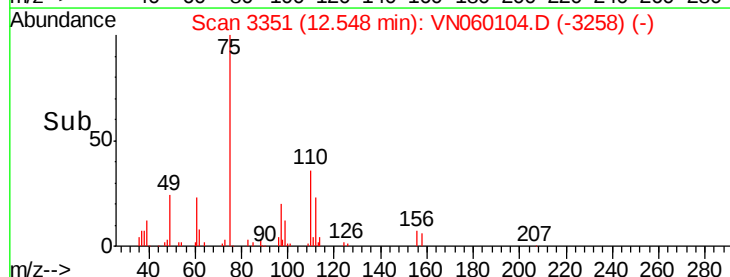
77 0.0 0.0 0.0

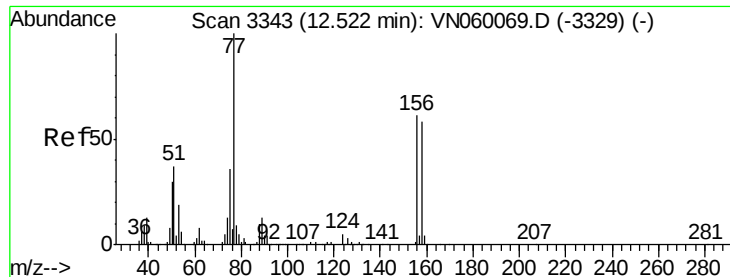


Abundance Ion 74.90 (74.60 to 75.60): VN060104.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060104.D (-3258) (-)

Time-->





#77

Bromobenzene

Concen: 18.482 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

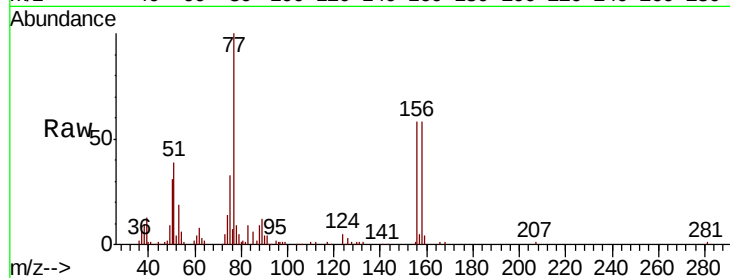
Tot Ion:156 Resp: 44262

Ion Ratio Lower Upper

156 100

77 205.5 98.7 296.1

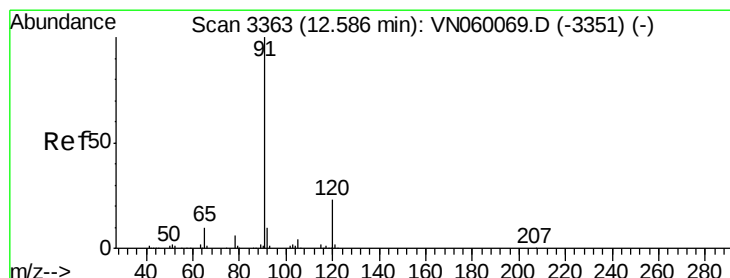
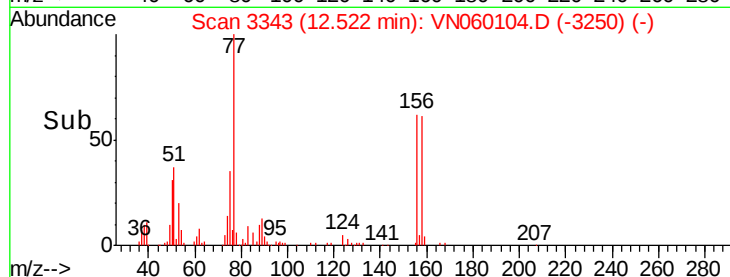
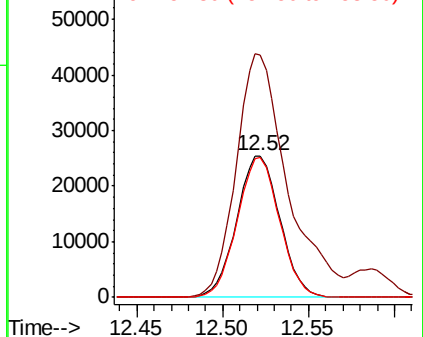
158 96.9 48.1 144.4



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: 18.628 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060104.D

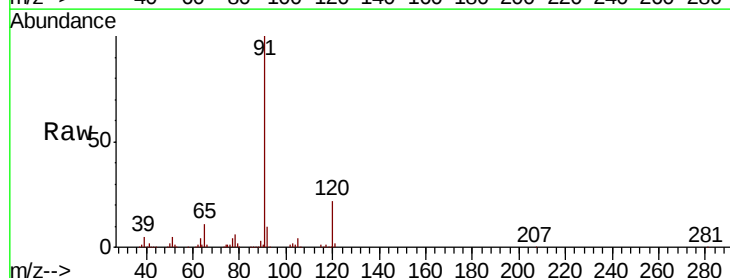
Acq: 14 Feb 2020 12:40

Tgt Ion: 91 Resp: 204814

Ion Ratio Lower Upper

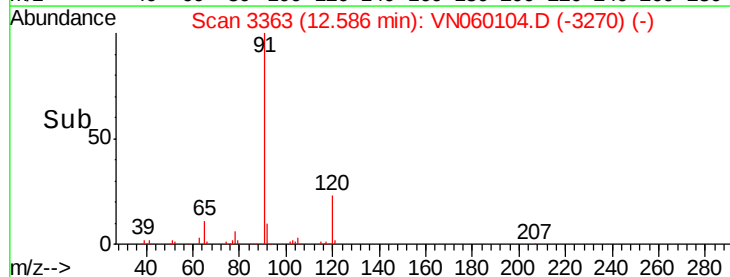
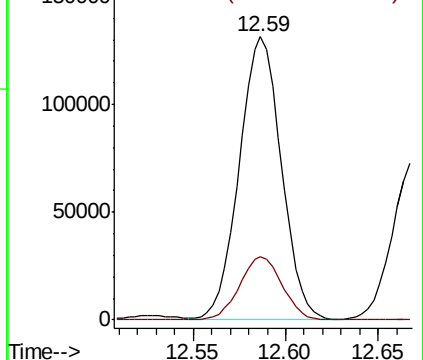
91 100

120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

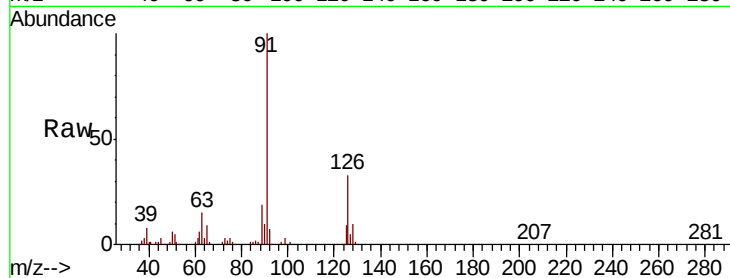




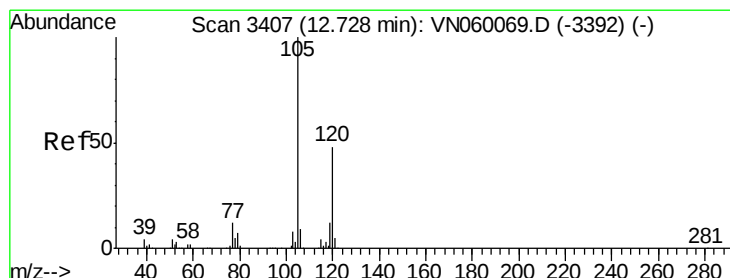
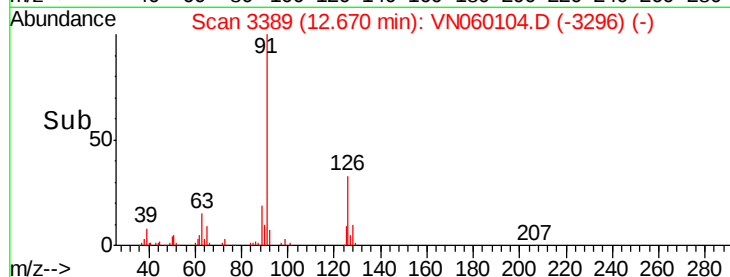
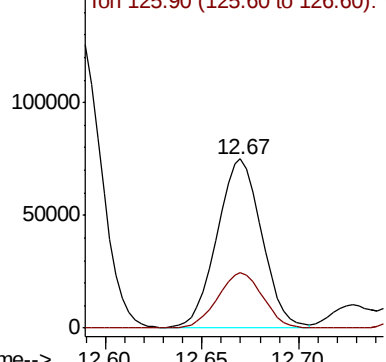
#79
 2-Chlorotoluene
 Concen: 18.604 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 120228
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.4 52.2

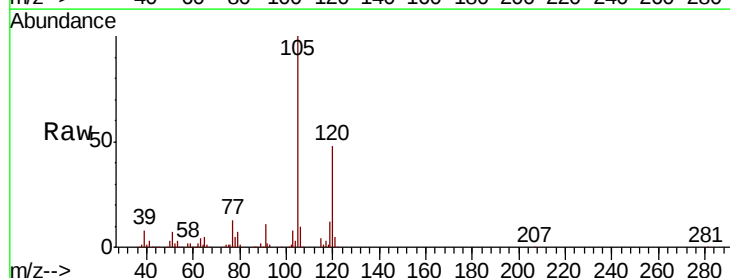


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

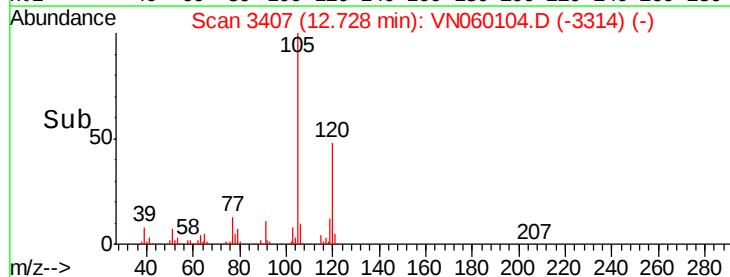
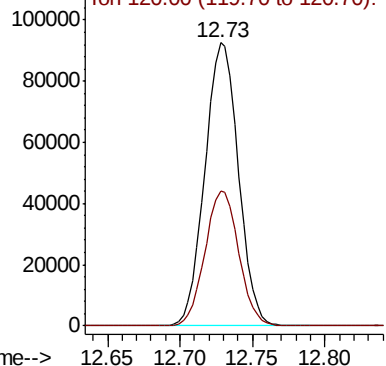


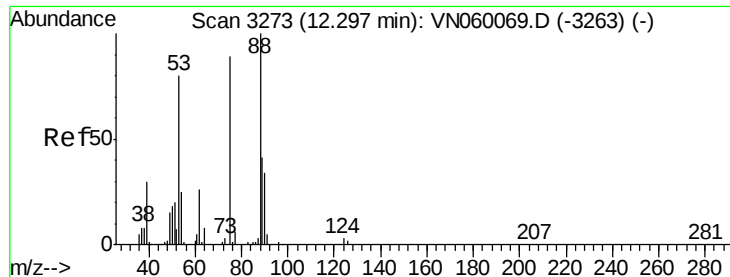
#80
 1,3,5-Trimethylbenzene
 Concen: 18.518 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion:105 Resp: 148582
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.783 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

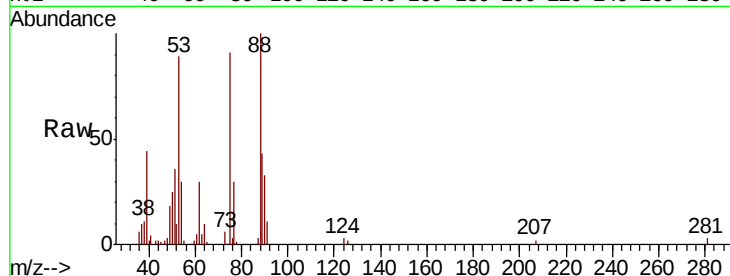
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 18967

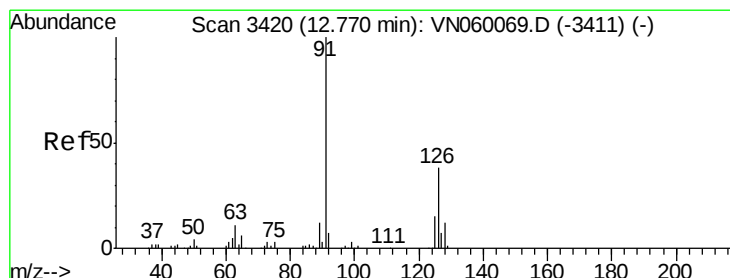
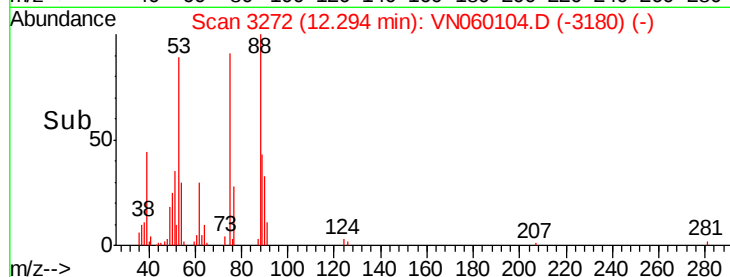
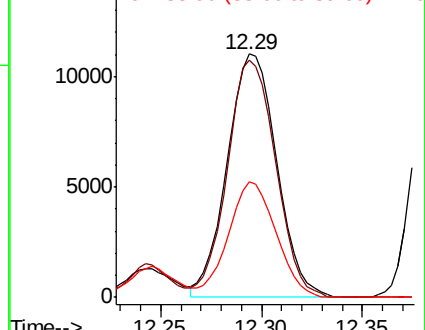
Ion	Ratio	Lower	Upper
75	100		
53	95.5	73.9	110.9
89	45.4	37.0	55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060104.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN060104.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN060104.D (-3180) (-)



#82

4-Chlorotoluene

Concen: 18.595 ug/l

RT: 12.77 min Scan# 3420

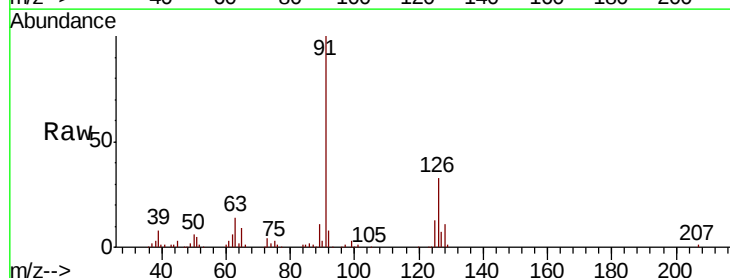
Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

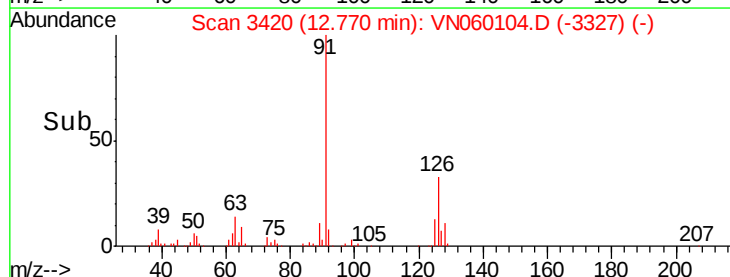
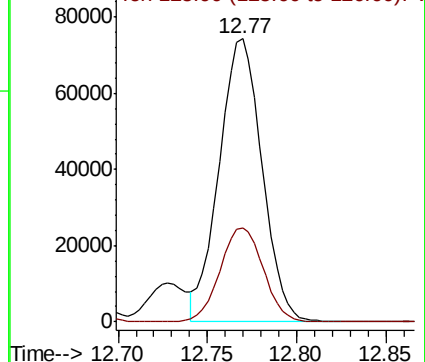
Tgt Ion: 91 Resp: 123291

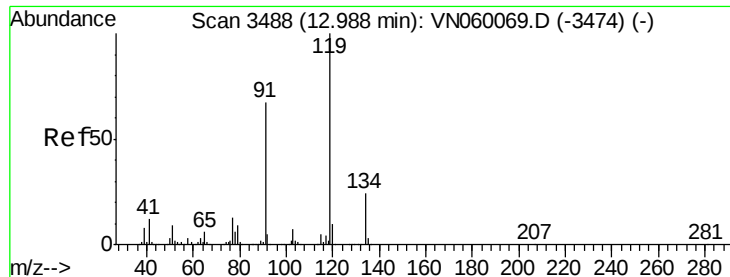
Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060104.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN060104.D (-3327) (-)





#83

tert-Butylbenzene

Concen: 17.976 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

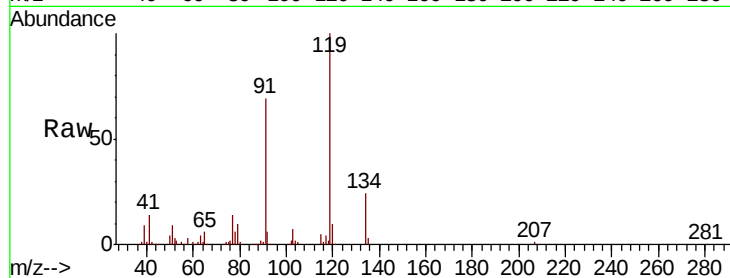
Tot Ion:119 Resp: 127592

Ion Ratio Lower Upper

119 100

91 66.3 32.7 98.1

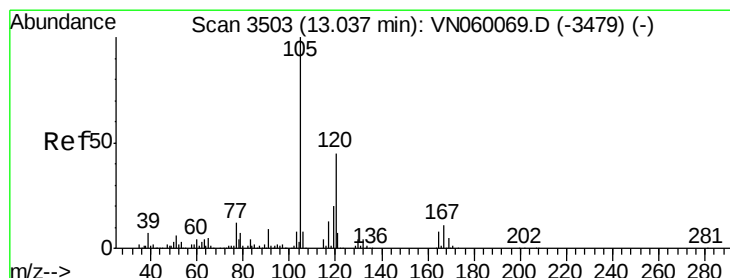
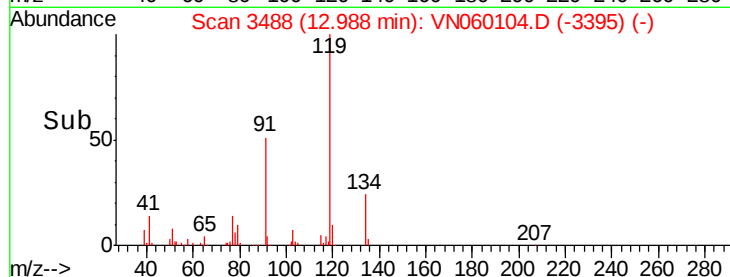
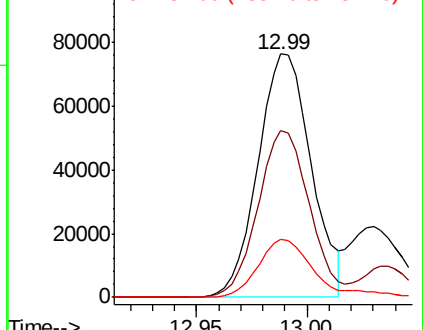
134 25.4 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.692 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060104.D

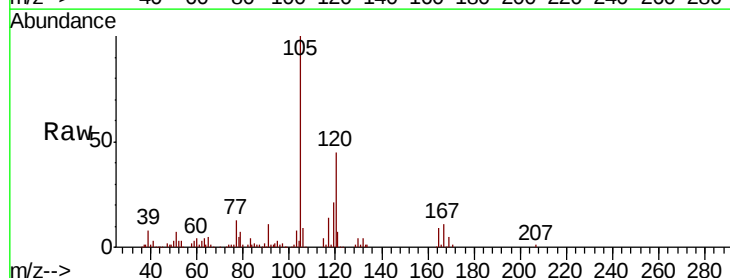
Acq: 14 Feb 2020 12:40

Tgt Ion:105 Resp: 148047

Ion Ratio Lower Upper

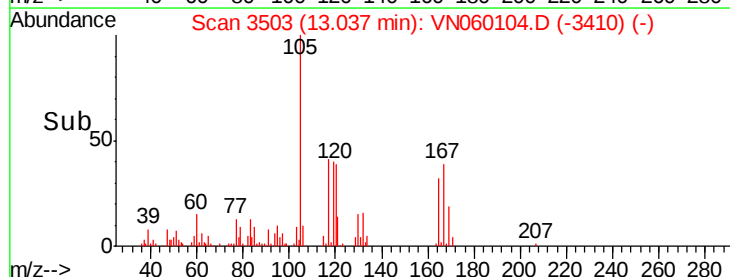
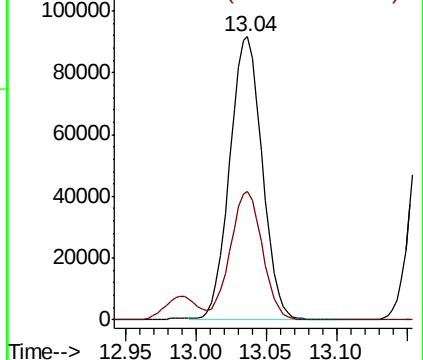
105 100

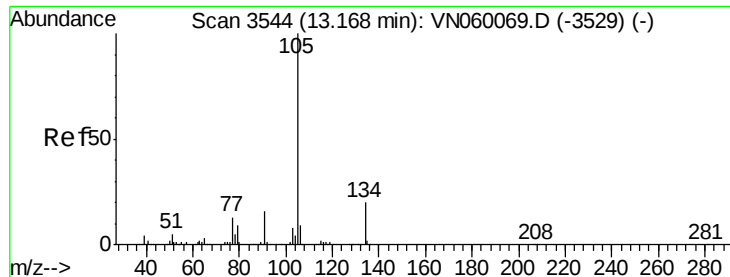
120 45.0 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.236 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

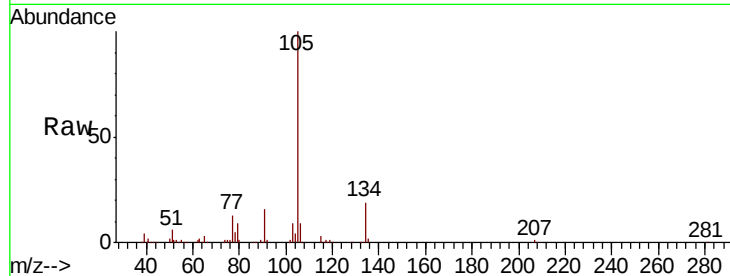
ClientSampleId :

Tot Ion:105 Resp: 171427

Ion Ratio Lower Upper

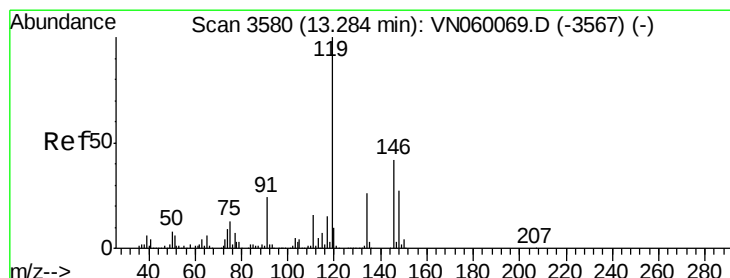
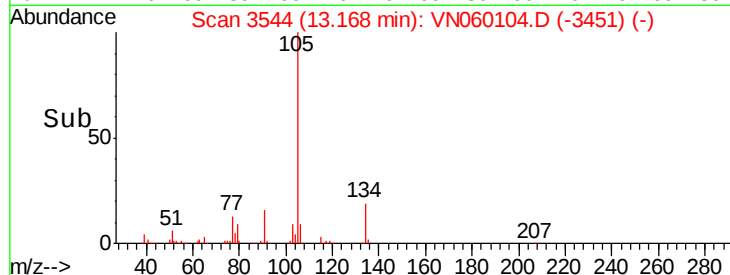
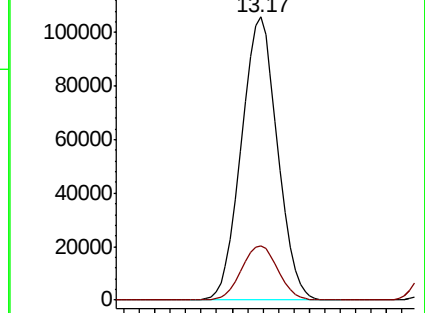
105 100

134 19.5 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.420 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

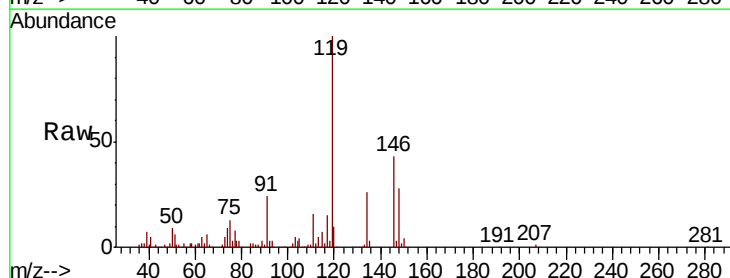
Tgt Ion:119 Resp: 156885

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

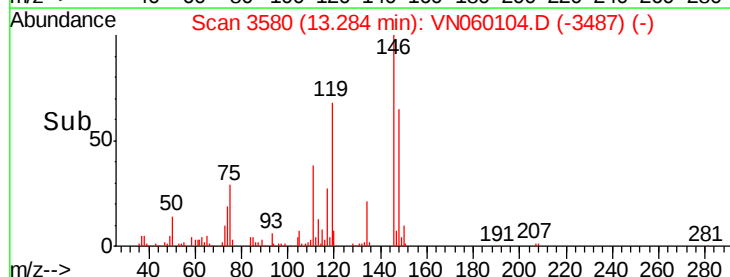
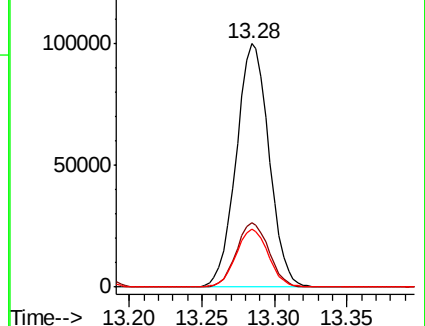
91 23.6 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.433 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

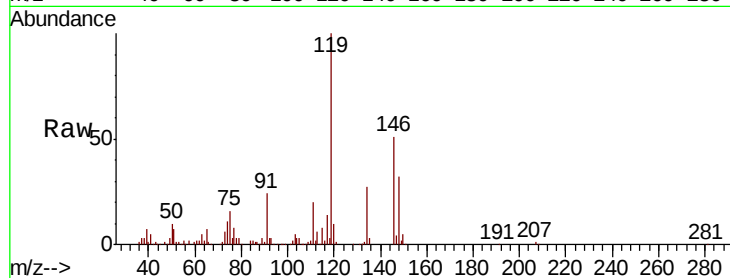
Tot Ion:146 Resp: 78145

Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.3

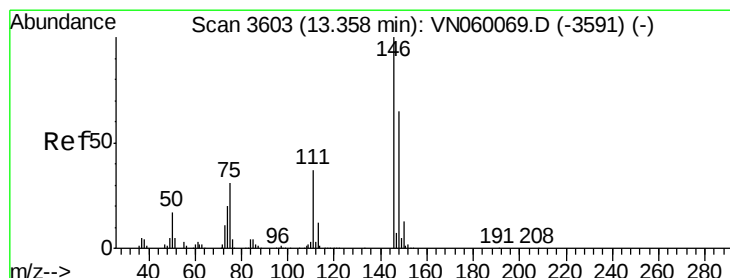
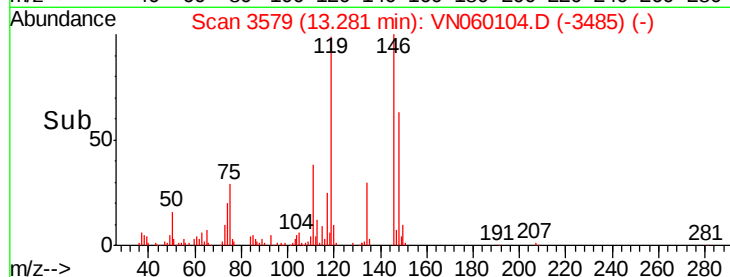
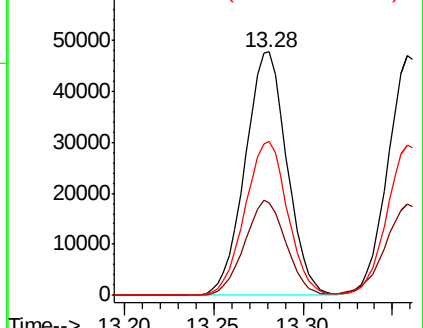
148 64.4 32.0 96.2



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: 18.366 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

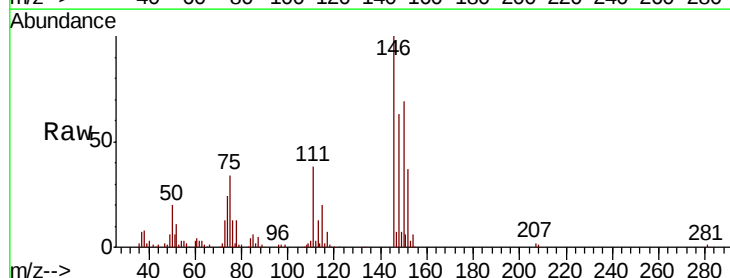
Tgt Ion:146 Resp: 77845

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.5

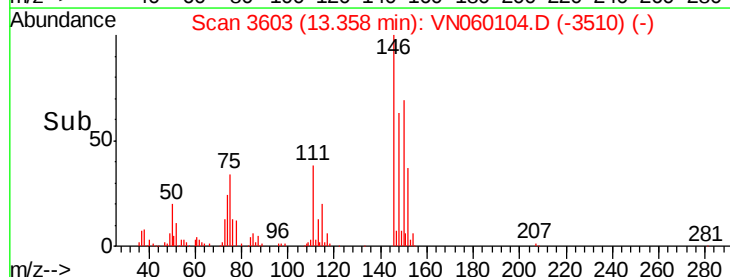
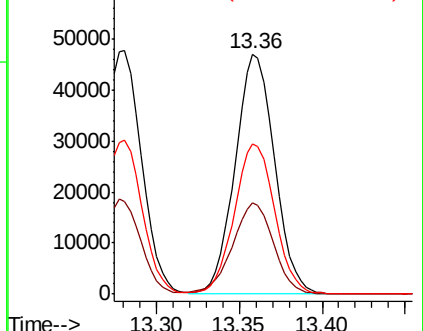
148 64.1 32.0 96.0

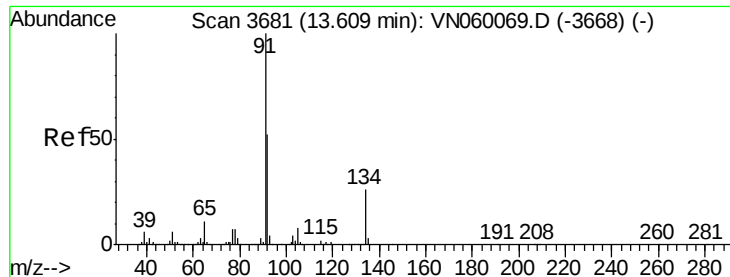


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.656 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

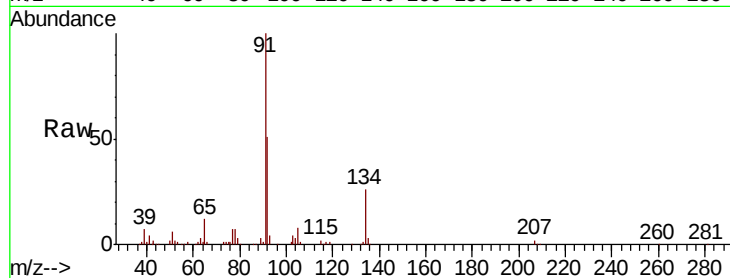
Tot Ion: 91 Resp: 139756

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.2

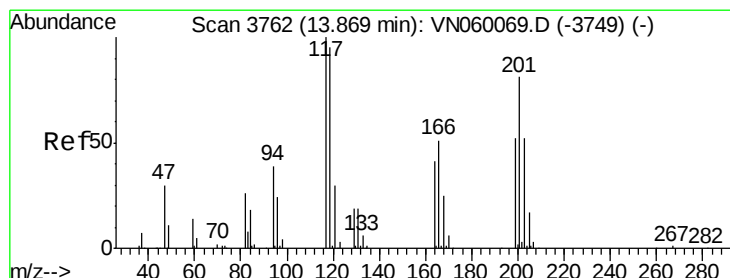
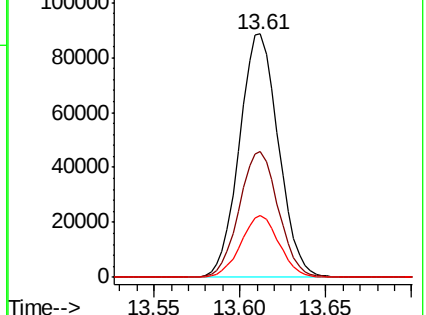
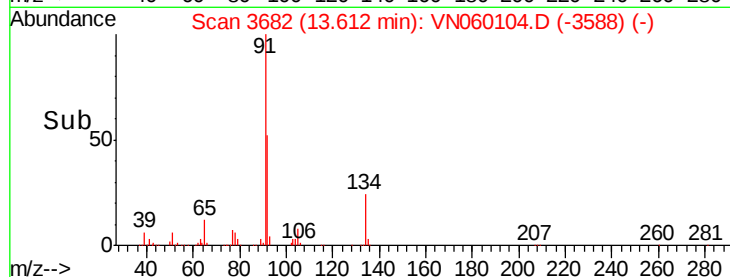
134 25.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060104.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN060104.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN060104.D (-3682) (-)



#90

Hexachloroethane

Concen: 17.610 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060104.D

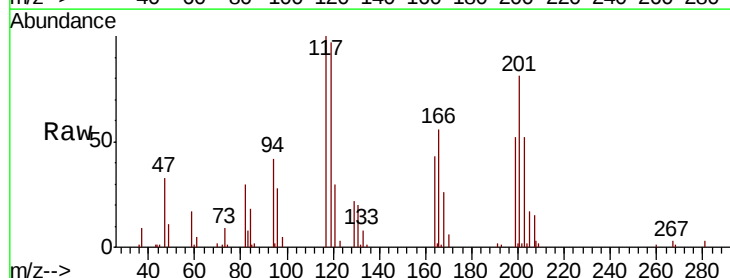
Acq: 14 Feb 2020 12:40

Tgt Ion: 117 Resp: 28020

Ion Ratio Lower Upper

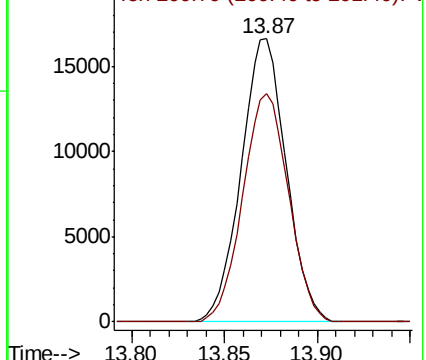
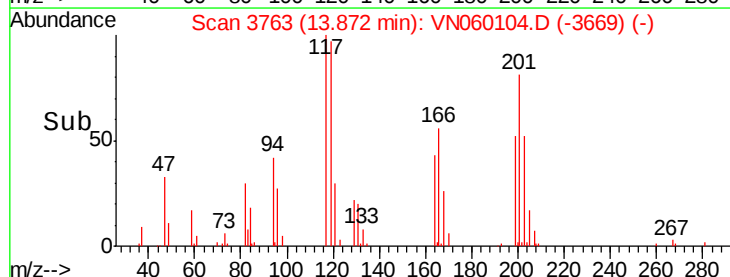
117 100

201 81.9 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060104.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN060104.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 18.367 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

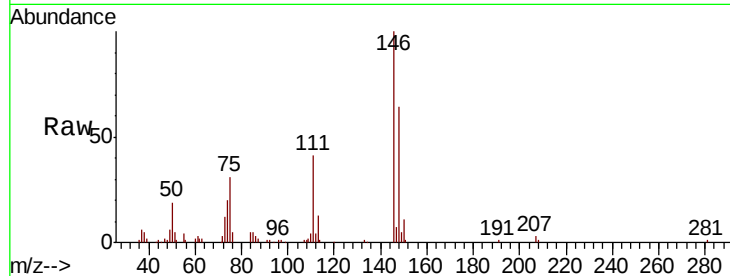
Tot Ion:146 Resp: 76202

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 63.2 31.9 95.5

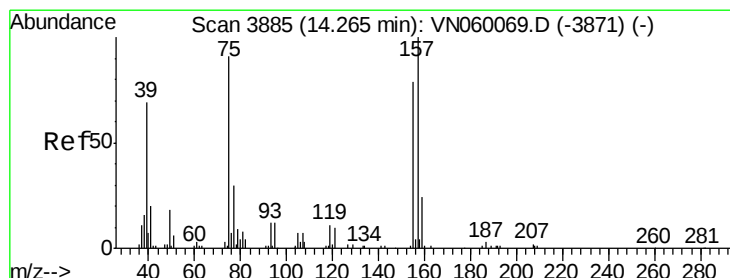
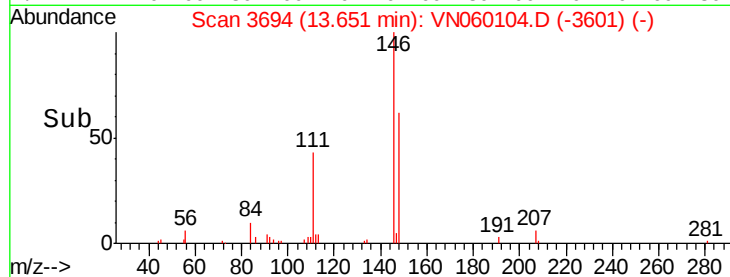
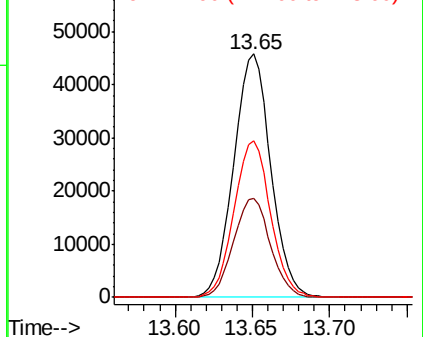


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.191 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060104.D

Acq: 14 Feb 2020 12:40

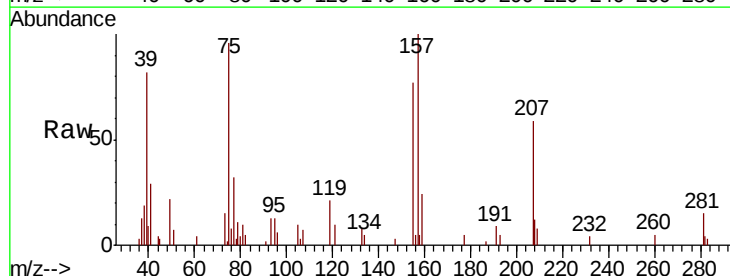
Tgt Ion: 75 Resp: 11034

Ion Ratio Lower Upper

75 100

155 79.8 43.0 129.0

157 103.2 54.9 164.5

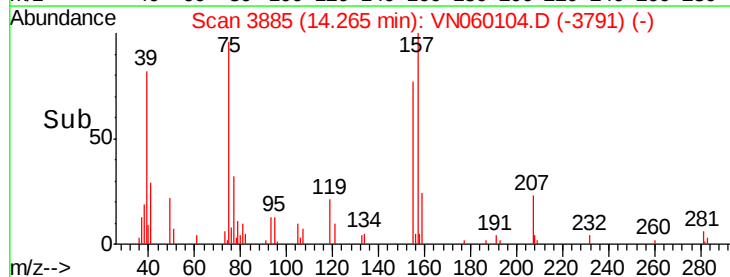
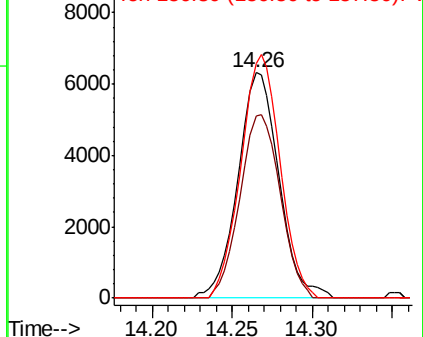


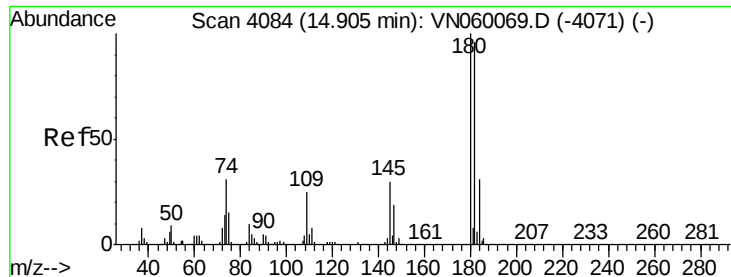
Abundance

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

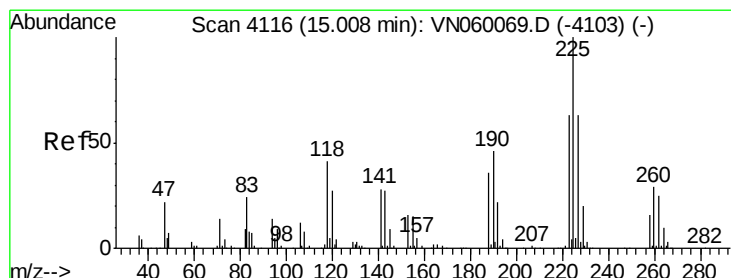
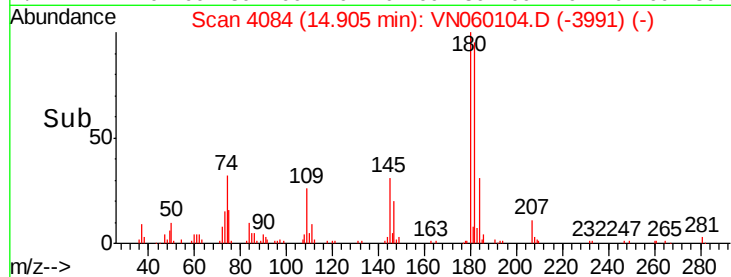
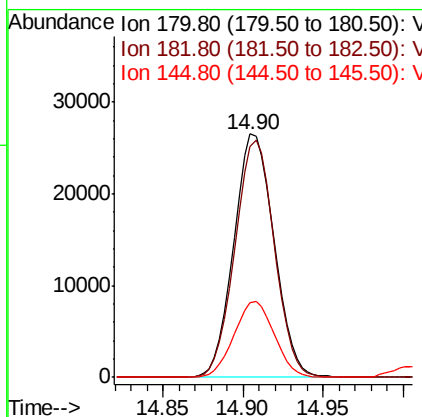
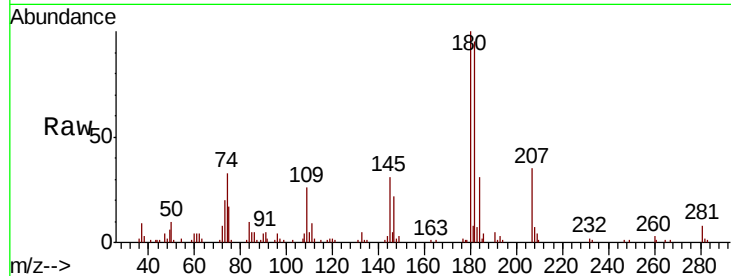




#93
 1,2,4-Trichlorobenzene
 Concen: 18.640 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

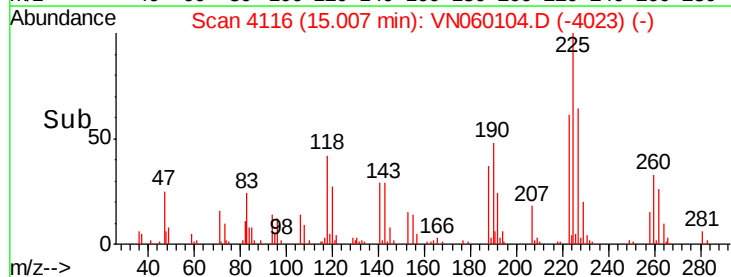
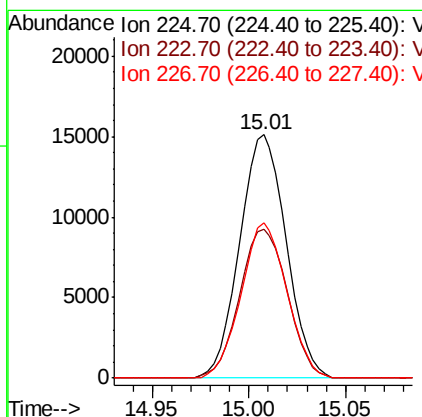
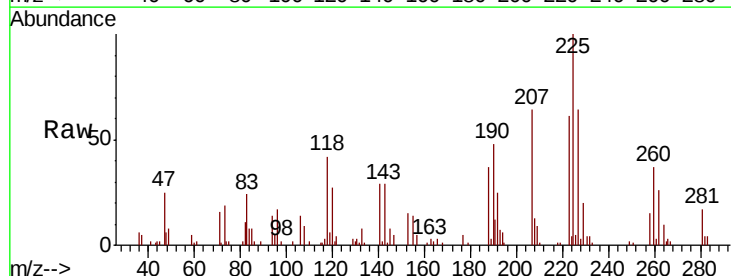
Instrument :
 MSVOA_N
 ClientSampleId :

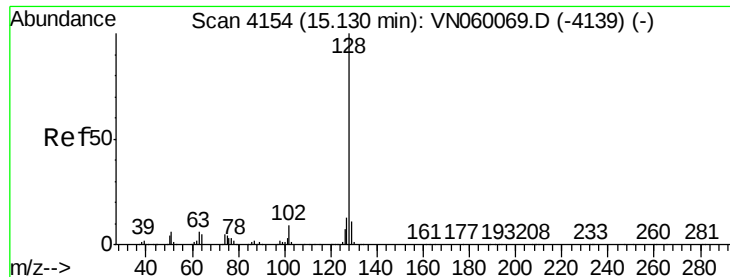
Tot Ion:180 Resp: 45439
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.8
 145 31.2 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 17.719 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060104.D
 Acq: 14 Feb 2020 12:40

Tgt Ion:225 Resp: 25286
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 62.7 31.8 95.4

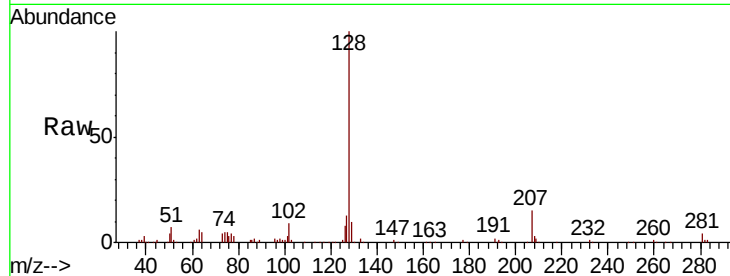




#95
Naphthalene
Concen: 19.239 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0

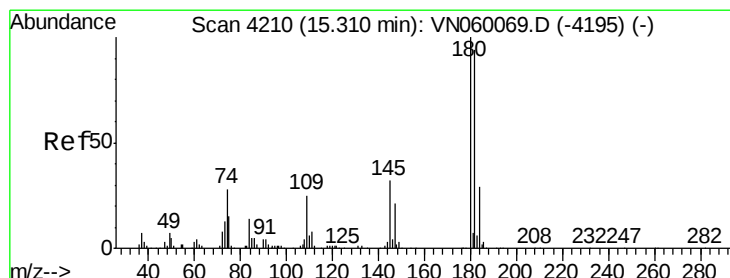
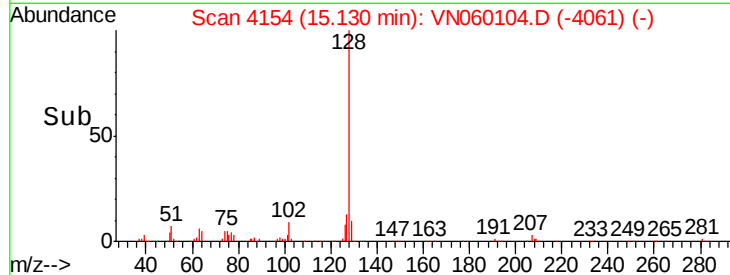
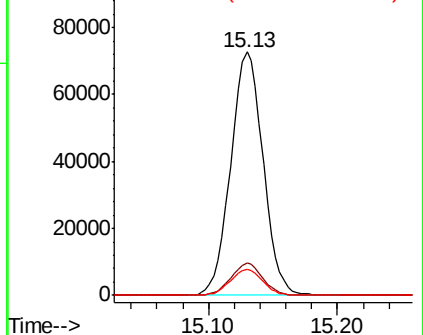


Abundance

Ion 128.00 (127.70 to 128.70): V

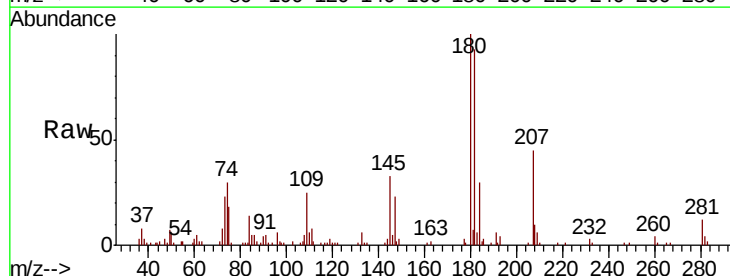
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.907 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060104.D
Acq: 14 Feb 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.5
145	32.3	16.1	48.3



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

