

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060217.D
 Acq On : 24 Feb 2020 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 00:20:56 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	177659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112805	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.57	113	89597	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.08	98	349262	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	134145	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	80945	45.582	ug/l	99
3) Chloromethane	2.04	50	94661	44.793	ug/l	98
4) Vinyl Chloride	2.17	62	111000	46.081	ug/l	99
5) Bromomethane	2.54	94	67439	45.659	ug/l	100
6) Chloroethane	2.69	64	57705	47.363	ug/l	97
7) Trichlorofluoromethane	3.00	101	145311	46.789	ug/l	99
8) Diethyl Ether	3.39	74	50757	49.098	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	80771	46.845	ug/l	99
10) Methyl Iodide	3.93	142	112319	48.547	ug/l	98
11) Tert butyl alcohol	4.73	59	74546	230.433	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79745	47.476	ug/l	99
13) Acrolein	3.58	56	75481	236.052	ug/l	99
14) Allyl chloride	4.30	41	116583	47.157	ug/l	99
15) Acrylonitrile	4.95	53	208569	263.998	ug/l	99
16) Acetone	3.78	43	180268	191.171	ug/l	100
17) Carbon Disulfide	4.03	76	218252	43.108	ug/l	99
18) Methyl Acetate	4.29	43	97608	55.103	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	278557	49.313	ug/l	99
20) Methylene Chloride	4.53	84	90871	48.302	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	87023	47.528	ug/l	99
22) Diisopropyl ether	5.92	45	274122	50.593	ug/l	98
23) Vinyl Acetate	5.86	43	1154998	253.844	ug/l	99
24) 1,1-Dichloroethane	5.82	63	161034	49.062	ug/l	99
25) 2-Butanone	6.80	43	279416	235.605	ug/l	99
26) 2,2-Dichloropropane	6.80	77	148488	47.630	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	103169	48.146	ug/l	100
28) Bromochloromethane	7.17	49	62826	48.688	ug/l	99
29) Tetrahydrofuran	7.18	42	184060	252.983	ug/l	99
30) Chloroform	7.35	83	169550	49.313	ug/l	99
31) Cyclohexane	7.63	56	142215	46.513	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	154387	49.137	ug/l	100
36) 1,1-Dichloropropene	7.77	75	124935	47.670	ug/l	99
37) Ethyl Acetate	6.90	43	119005	50.242	ug/l	99
38) Carbon Tetrachloride	7.75	117	136152	47.834	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	151702	46.630	ug/l	99
40) Benzene	8.02	78	372017	47.852	ug/l	100
41) Methacrylonitrile	7.18	41	171804	172.957	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	135317	49.661	ug/l	100
43) Isopropyl Acetate	8.14	43	205061	50.645	ug/l	99
44) Trichloroethene	8.82	130	100487	46.680	ug/l	97
45) 1,2-Dichloropropane	9.10	63	96722	50.252	ug/l	97
46) Dibromomethane	9.19	93	66949	49.222	ug/l	98
47) Bromodichloromethane	9.39	83	136825	49.479	ug/l	95
48) Methyl methacrylate	9.18	41	89777	49.419	ug/l	100
49) 1,4-Dioxane	9.18	88	28014	902.542	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	605493	258.359	ug/l	100
52) Toluene	10.14	92	243377	48.818	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	156099	50.010	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	163020	49.598	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	97032	49.889	ug/l	99
56) Ethyl methacrylate	10.42	69	145554	52.903	ug/l	99
57) 1,3-Dichloropropane	10.70	76	158418	49.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	336438	262.478	ug/l	99
59) 2-Hexanone	10.74	43	451616	249.459	ug/l	99
60) Dibromochloromethane	10.90	129	112810	50.544	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101910	49.984	ug/l	99
64) Tetrachloroethene	10.62	164	89285	43.071	ug/l	99
65) Chlorobenzene	11.43	112	263171	47.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	101022	48.067	ug/l	98
67) Ethyl Benzene	11.51	91	478017	47.705	ug/l	100
68) m/p-Xylenes	11.62	106	360143	95.764	ug/l	99
69) o-Xylene	11.94	106	175178	48.379	ug/l	99
70) Styrene	11.96	104	288012	49.325	ug/l	100
71) Bromoform	12.12	173	84684	50.096	ug/l #	98
73) Isopropylbenzene	12.25	105	476084	45.747	ug/l	100
74) N-amyl acetate	12.07	43	187966	50.088	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	145987	48.736	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190722	71.530	ug/l #	100
77) Bromobenzene	12.52	156	119326	46.202	ug/l	99
78) n-propylbenzene	12.59	91	547293	46.158	ug/l	100
79) 2-Chlorotoluene	12.67	91	318571	45.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	397857	45.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53020	48.688	ug/l	100
82) 4-Chlorotoluene	12.77	91	330344	46.201	ug/l	99
83) tert-Butylbenzene	12.99	119	342137	44.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	399803	46.807	ug/l	99
85) sec-Butylbenzene	13.17	105	460369	45.413	ug/l	100
86) p-Isopropyltoluene	13.29	119	425457	46.322	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	213578	46.718	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	212336	46.455	ug/l	99
89) n-Butylbenzene	13.61	91	371025	45.927	ug/l	100
90) Hexachloroethane	13.87	117	78019	45.469	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	208068	46.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30039	47.118	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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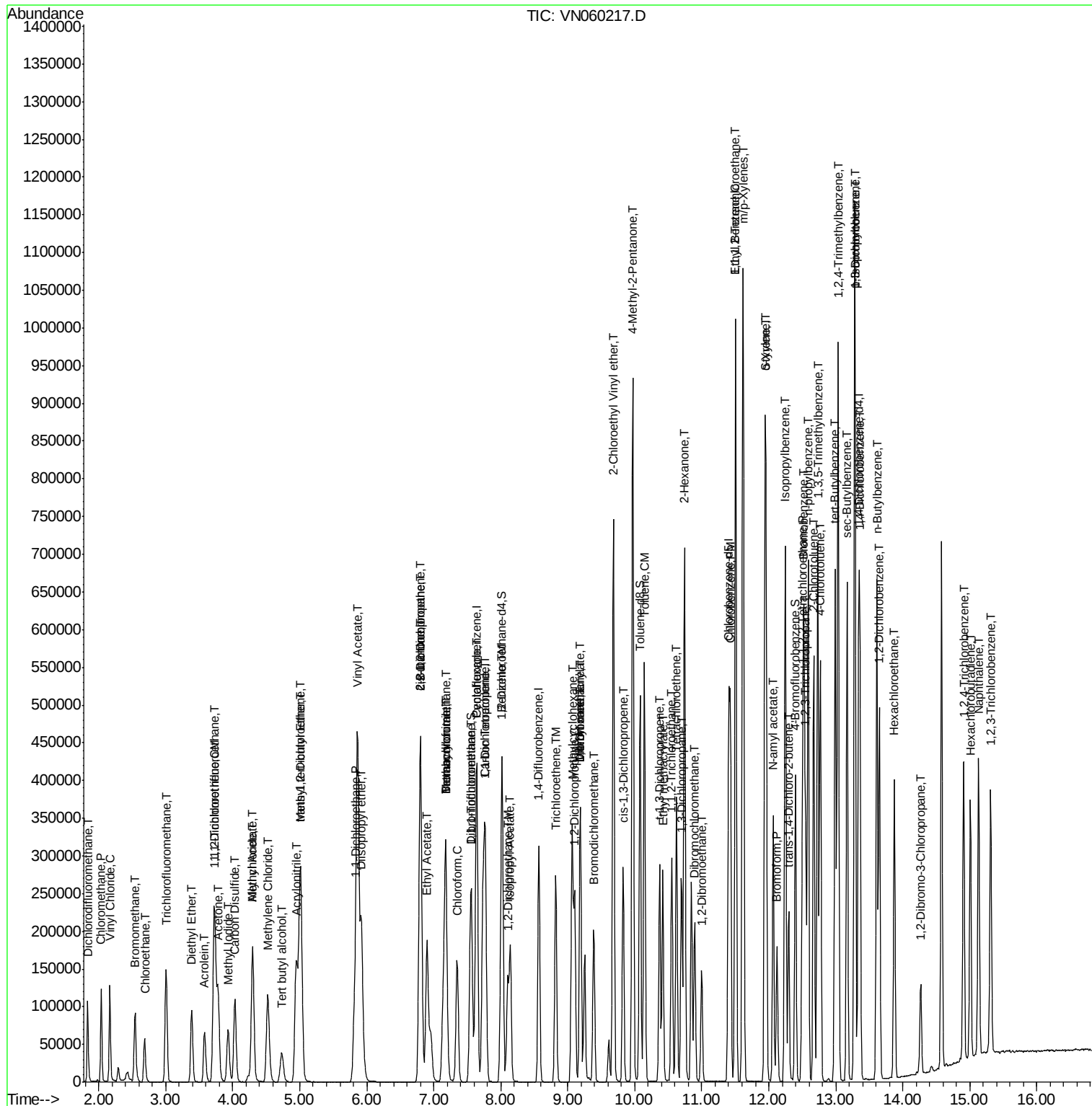
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128767	48.983	ug/l	98
94) Hexachlorobutadiene	15.01	225	66557	43.248	ug/l	99
95) Naphthalene	15.13	128	339634	47.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	123977	47.358	ug/l	99

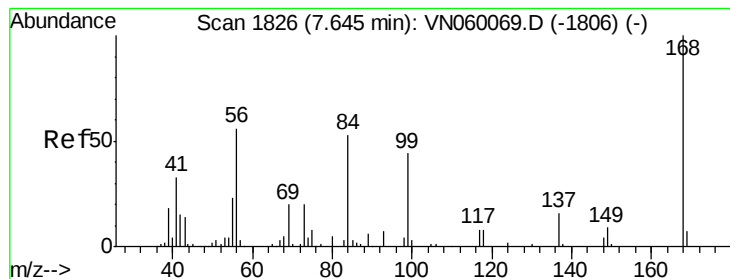
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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 ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

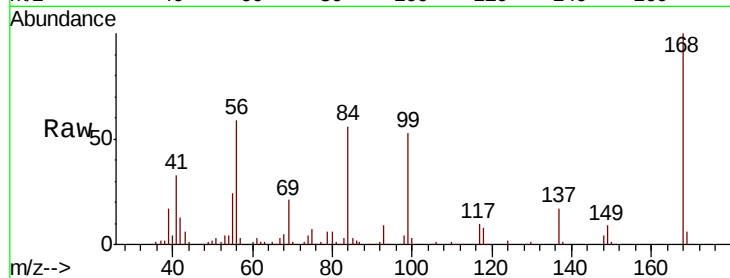
ClientSampled :

Tot Ion:168 Resp: 177659

Ion Ratio Lower Upper

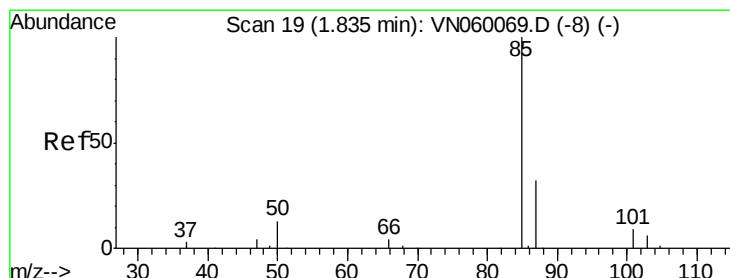
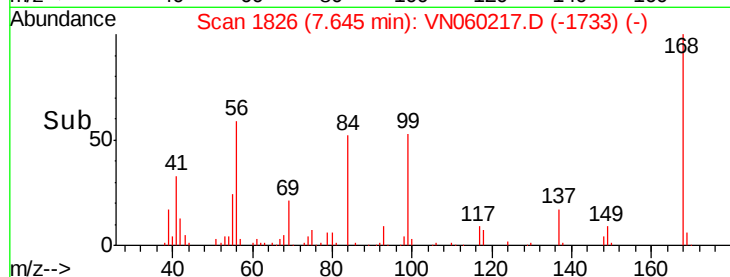
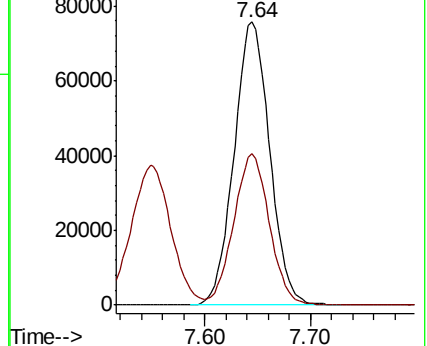
168 100

99 53.3 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: 45.582 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060217.D

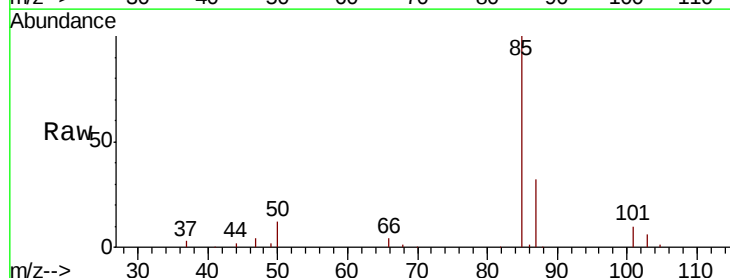
Acq: 24 Feb 2020 18:15

Tgt Ion: 85 Resp: 80945

Ion Ratio Lower Upper

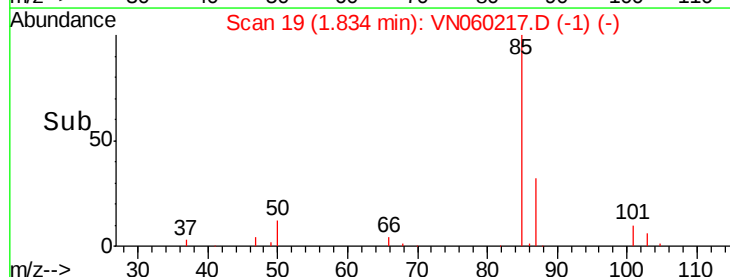
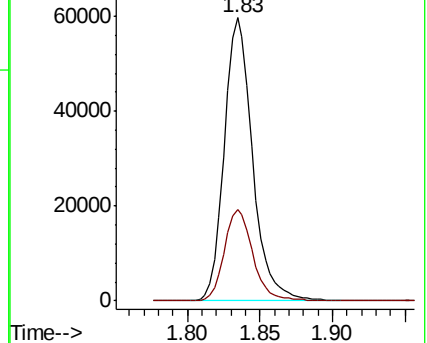
85 100

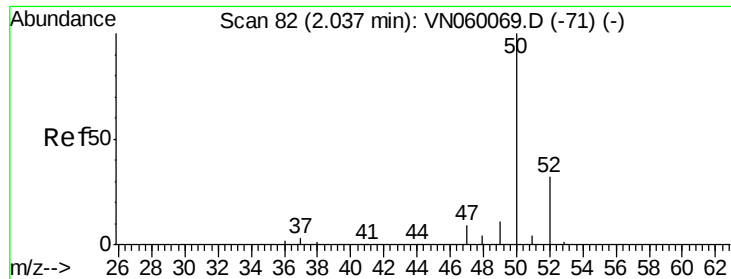
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

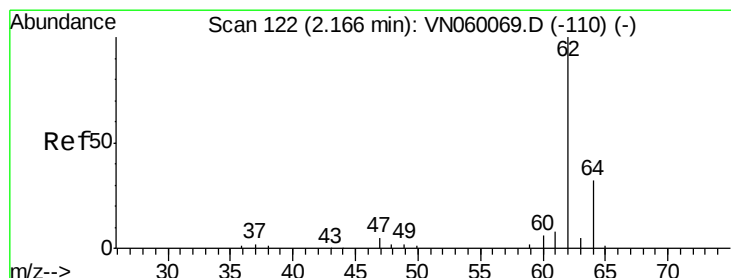
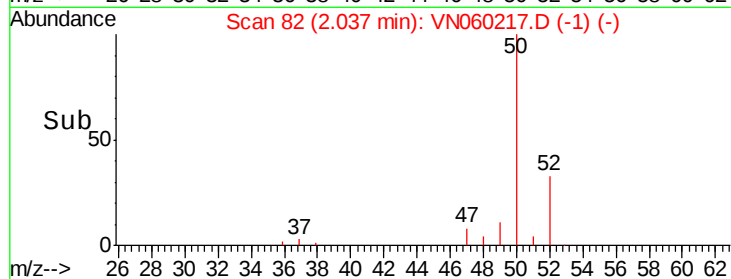
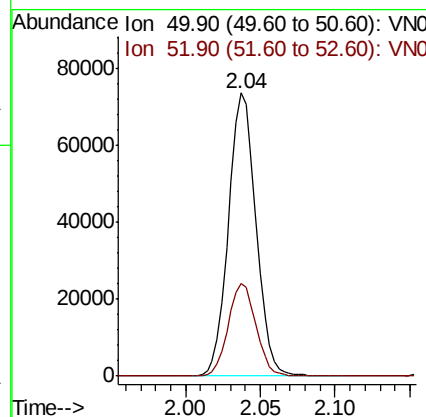
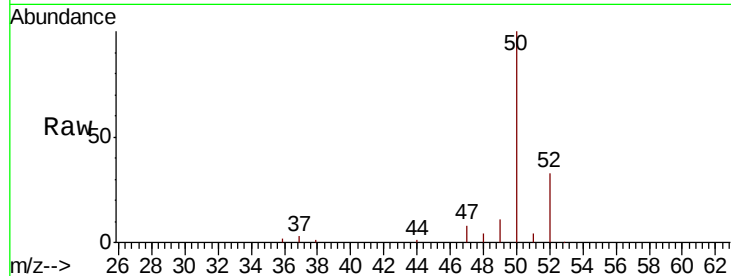




#3
Chloromethane
Concen: 44.793 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

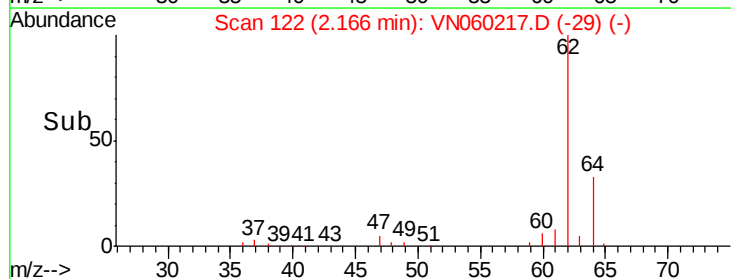
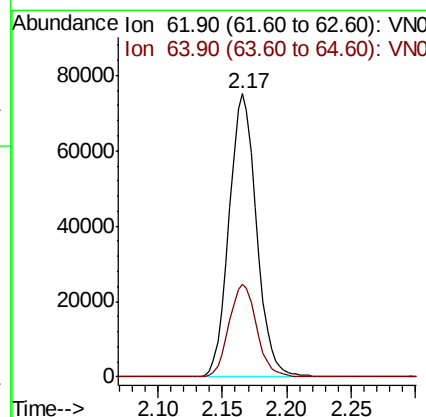
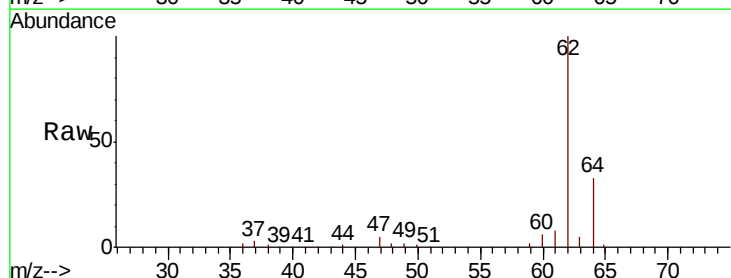
Instrument :
MSVOA_N
ClientSampled :

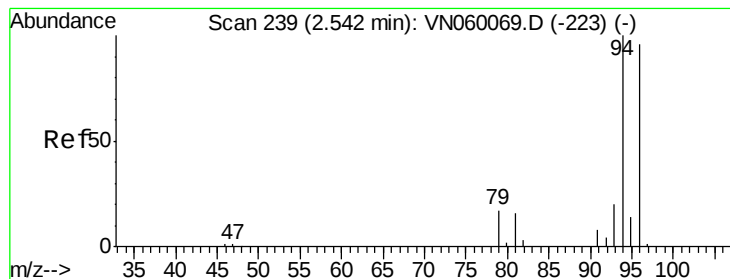
Tot Ion: 50 Resp: 94661
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 46.081 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 62 Resp: 111000
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9





#5

Bromomethane

Concen: 45.659 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

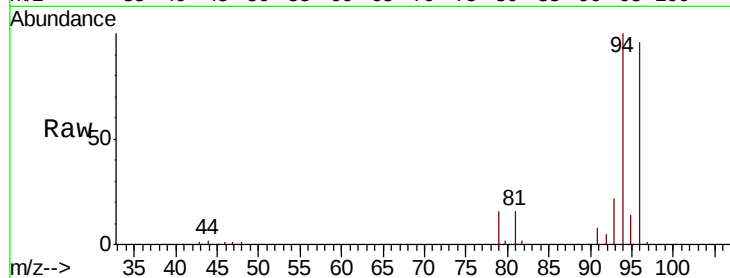
ClientSampleId :

Tot Ion: 94 Resp: 67439

Ion Ratio Lower Upper

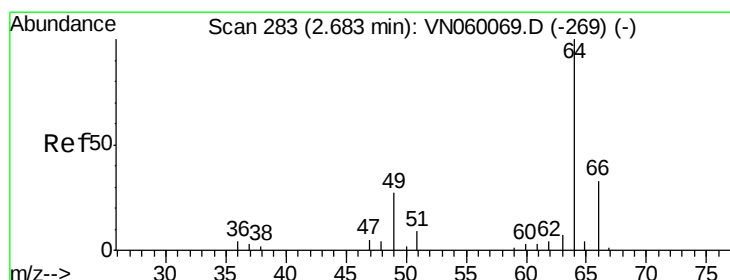
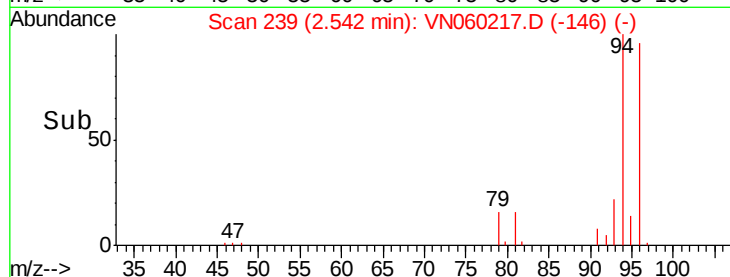
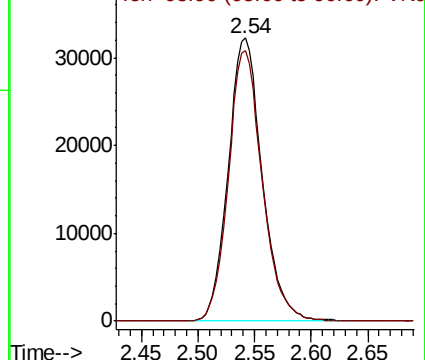
94 100

96 95.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.363 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060217.D

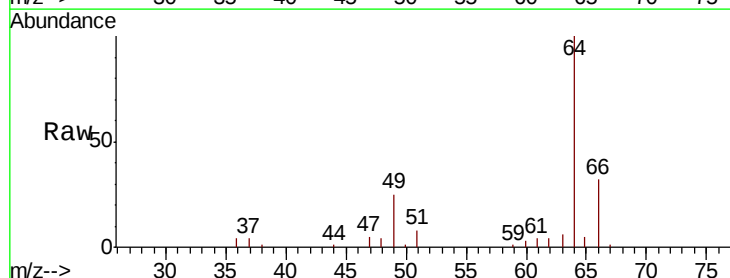
Acq: 24 Feb 2020 18:15

Tgt Ion: 64 Resp: 57705

Ion Ratio Lower Upper

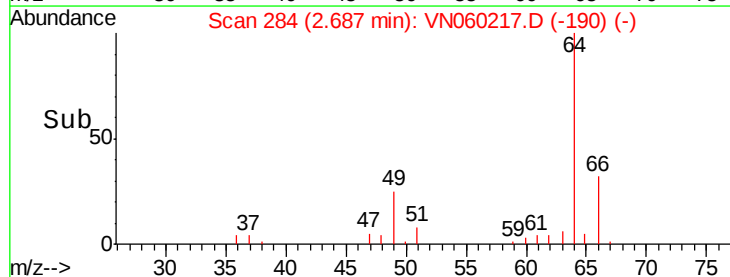
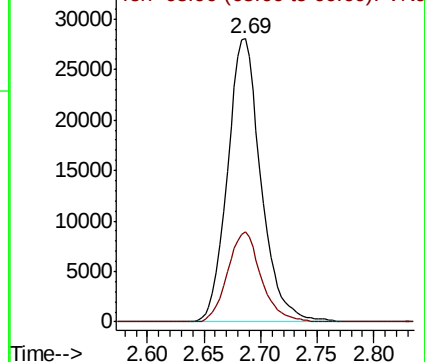
64 100

66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



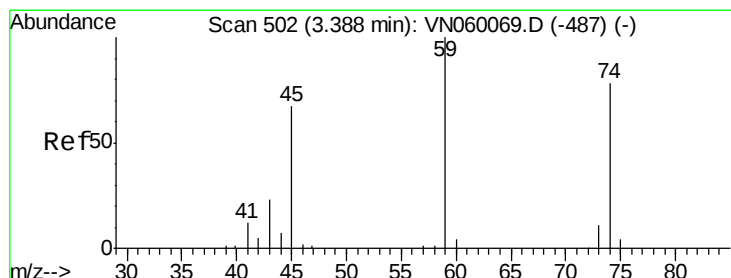
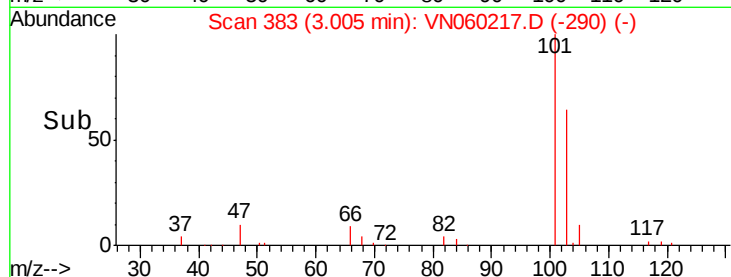
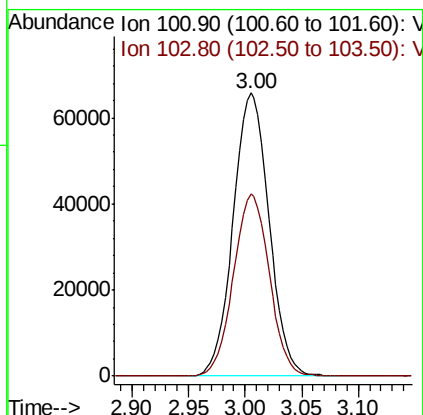
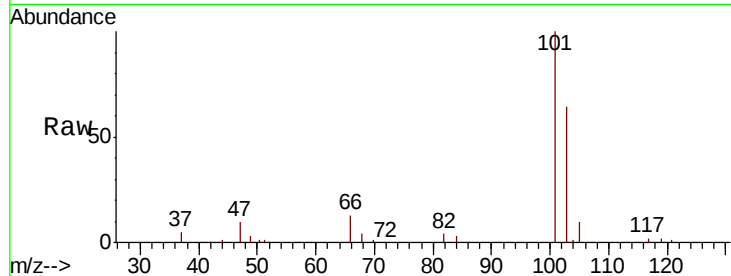


#7

Trichlorofluoromethane
 Concen: 46.789 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Instrument :
 MSVOA_N
 ClientSampled :

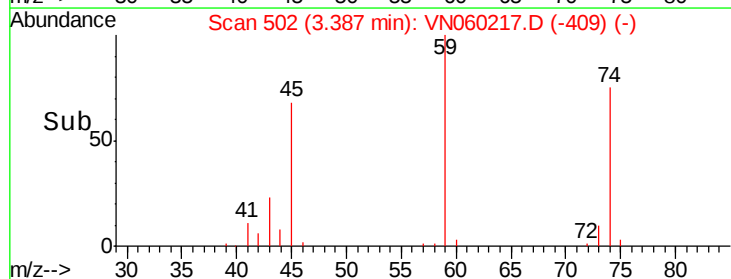
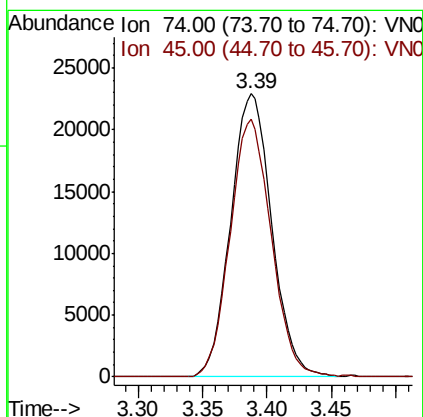
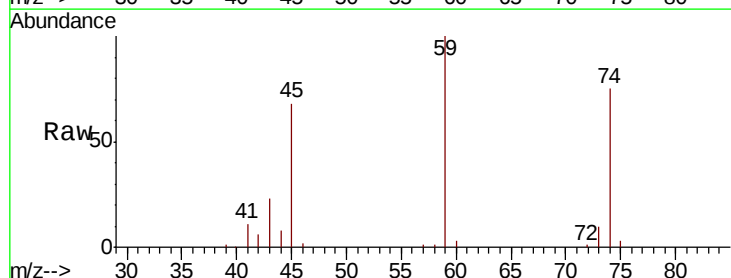
Tot Ion:101 Resp: 145311
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6



#8

Diethyl Ether
 Concen: 49.098 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion: 74 Resp: 50757
 Ion Ratio Lower Upper
 74 100
 45 91.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.845 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

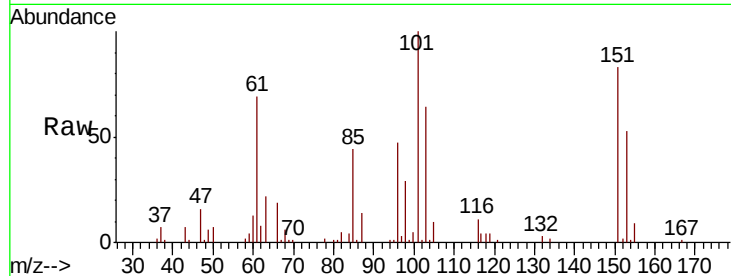
Tot Ion:101 Resp: 80771

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

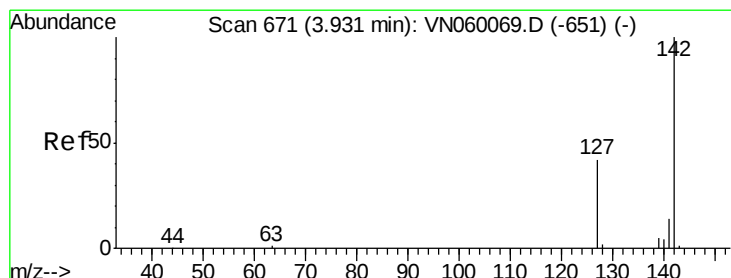
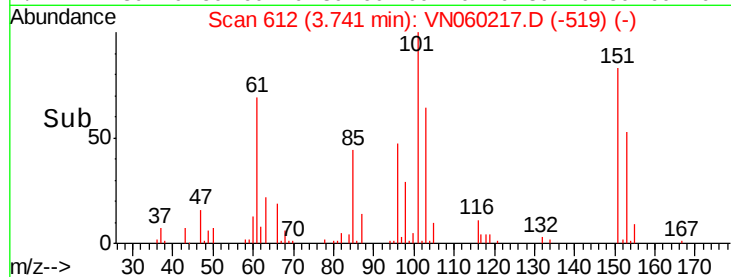
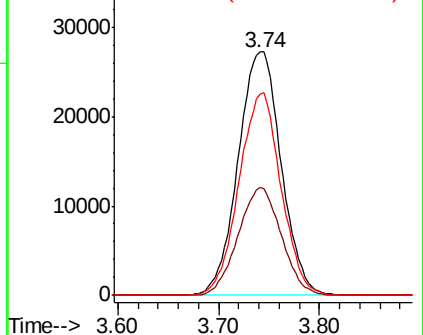
151 80.9 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.547 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

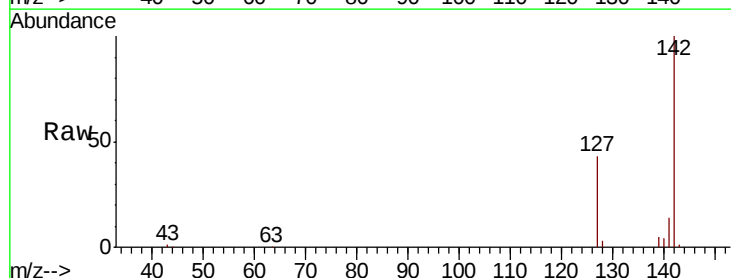
Tgt Ion:142 Resp: 112319

Ion Ratio Lower Upper

142 100

127 43.3 33.6 50.4

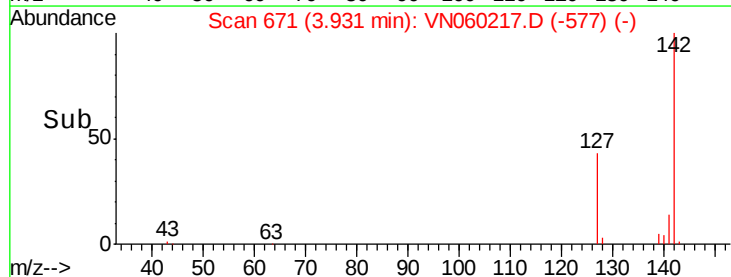
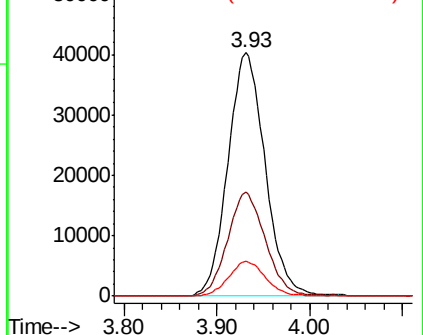
141 14.2 11.4 17.2

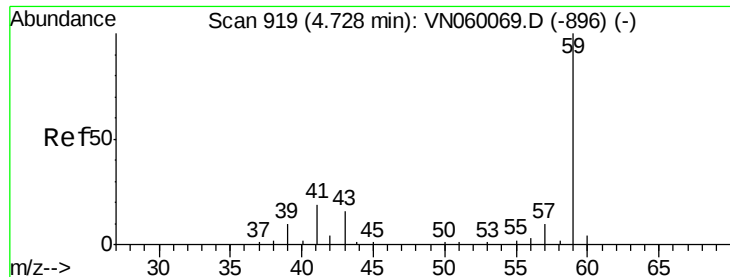


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

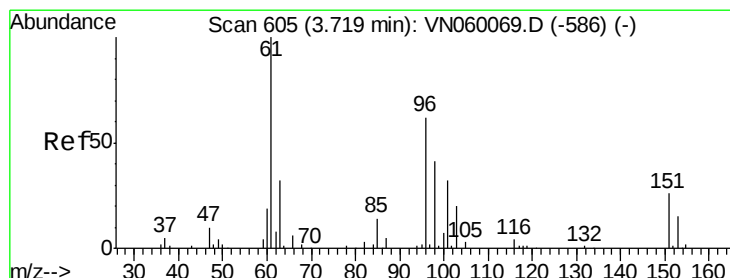
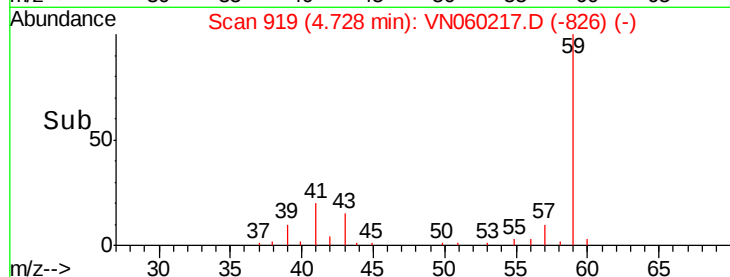
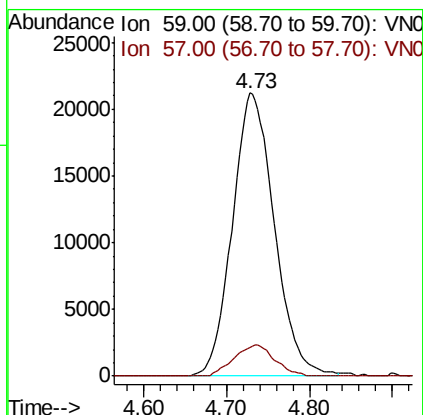
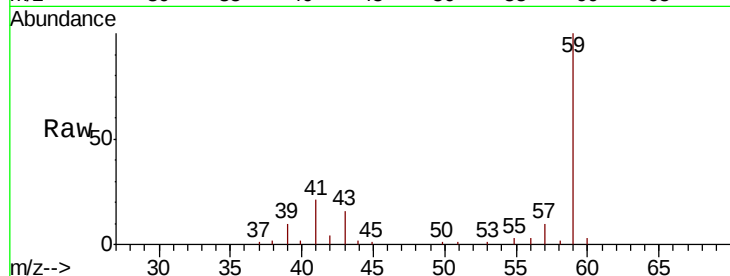




#11
Tert butyl alcohol
Concen: 230.433 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

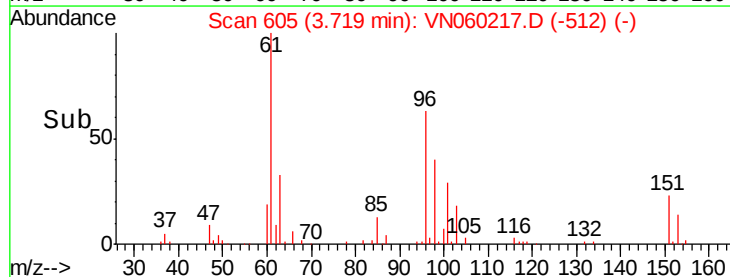
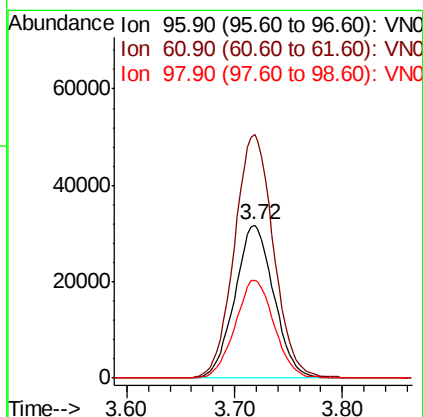
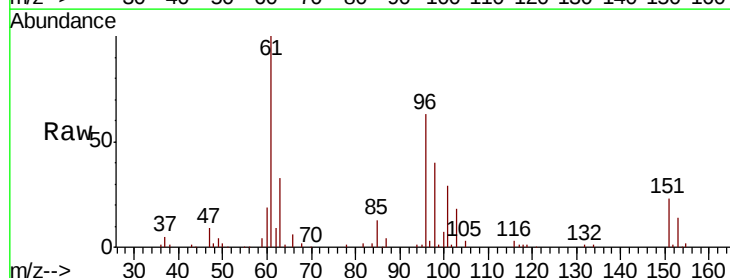
Instrument :
MSVOA_N
ClientSampled :

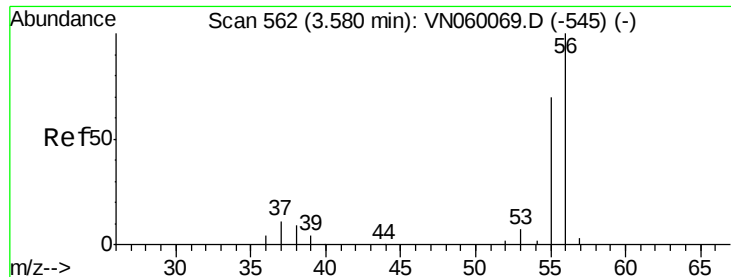
Tot Ion: 59 Resp: 74546
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.476 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 96 Resp: 79745
Ion Ratio Lower Upper
96 100
61 159.4 128.3 192.5
98 64.2 52.2 78.4





#13

Acrolein

Concen: 236.052 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

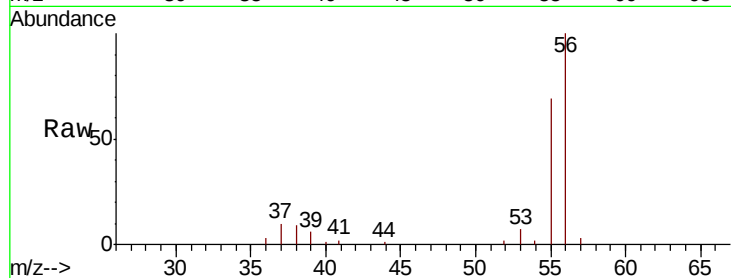
ClientSampleId :

Tot Ion: 56 Resp: 75481

Ion Ratio Lower Upper

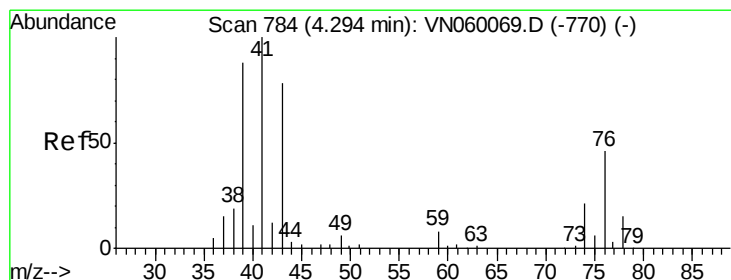
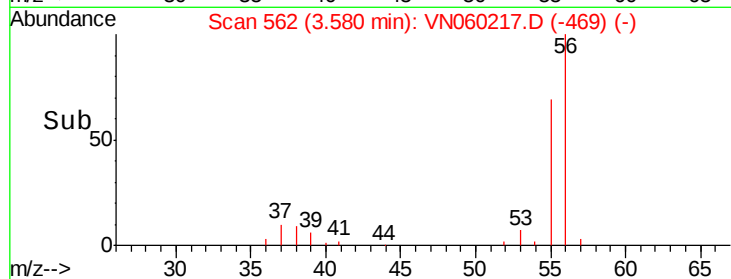
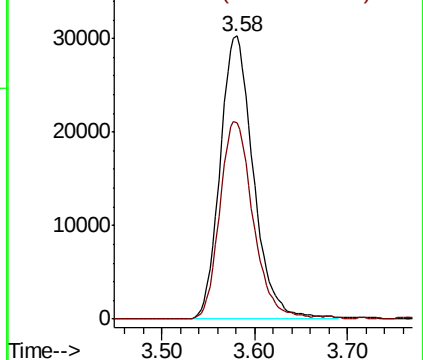
56 100

55 69.6 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: 47.157 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

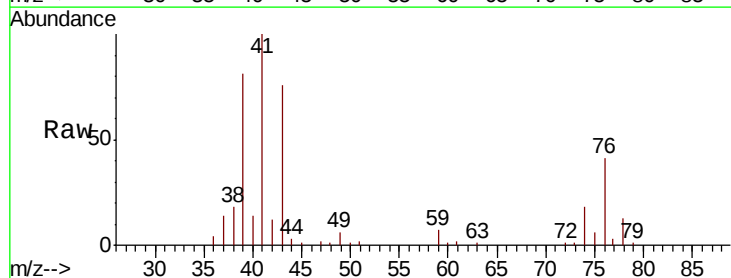
Tgt Ion: 41 Resp: 116583

Ion Ratio Lower Upper

41 100

39 83.6 67.8 101.8

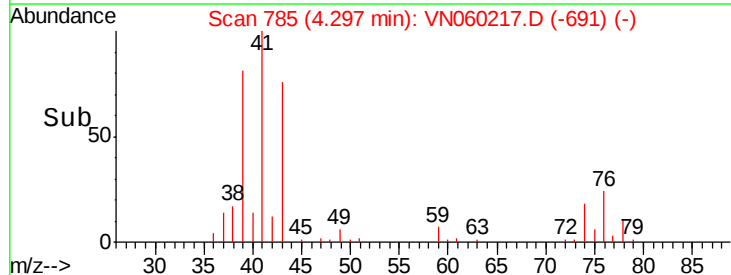
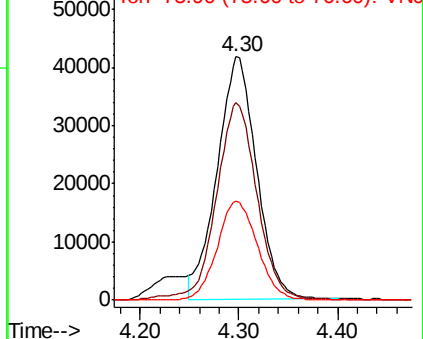
76 41.6 33.9 50.9

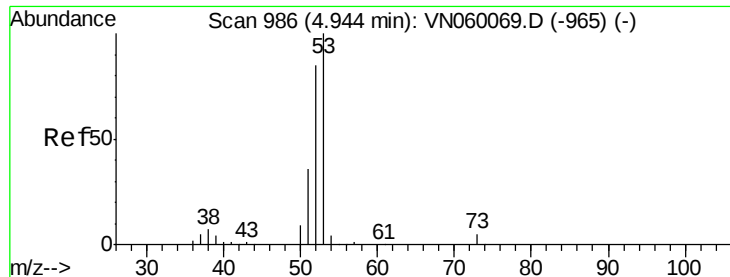


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 263.998 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

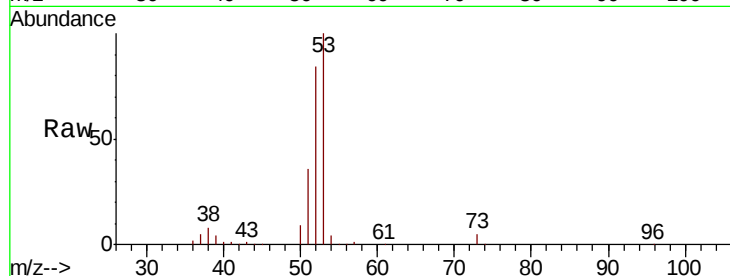
Tot Ion: 53 Resp: 208569

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

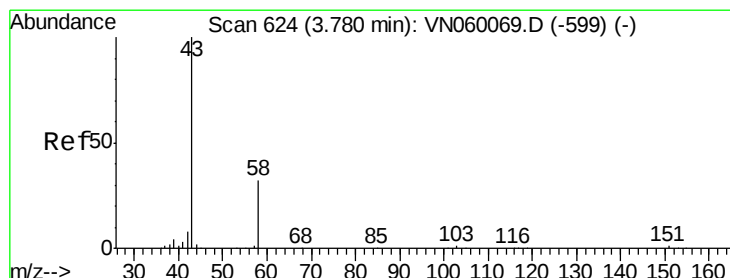
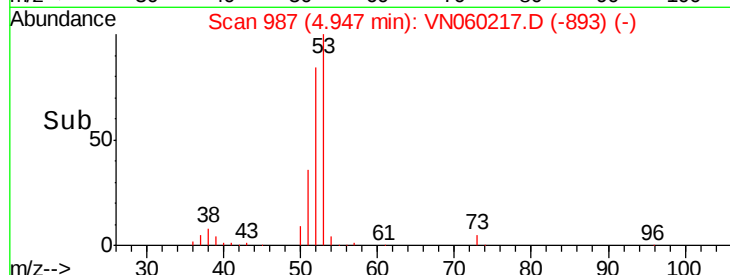
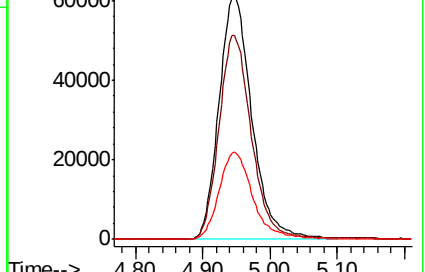
51 36.6 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060217.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060217.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060217.D (-965) (-)



#16

Acetone

Concen: 191.171 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060217.D

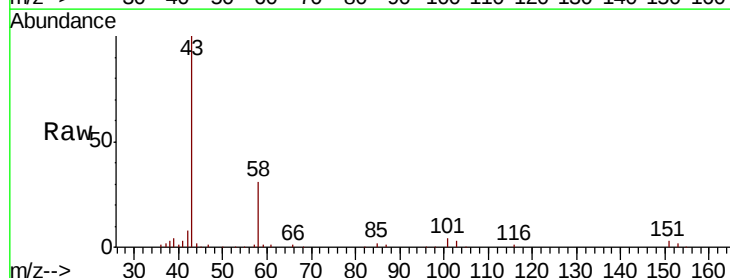
Acq: 24 Feb 2020 18:15

Tgt Ion: 43 Resp: 180268

Ion Ratio Lower Upper

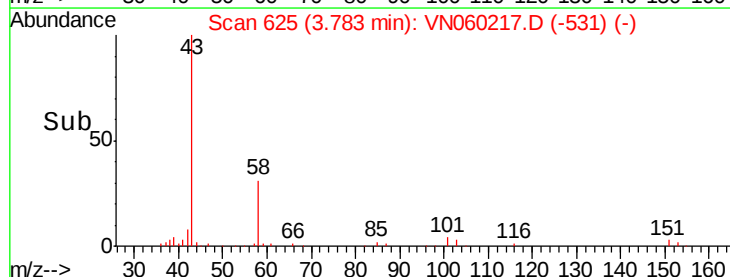
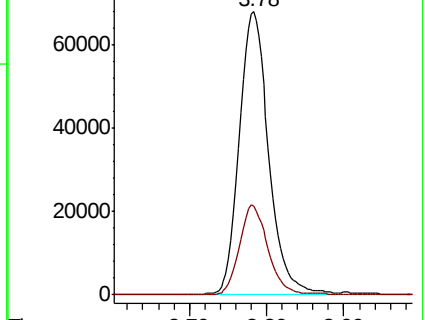
43 100

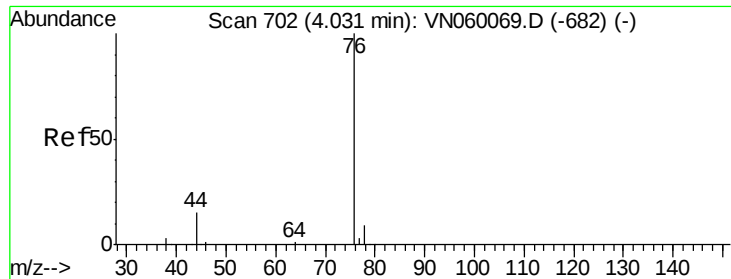
58 31.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060217.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060217.D (-531) (-)

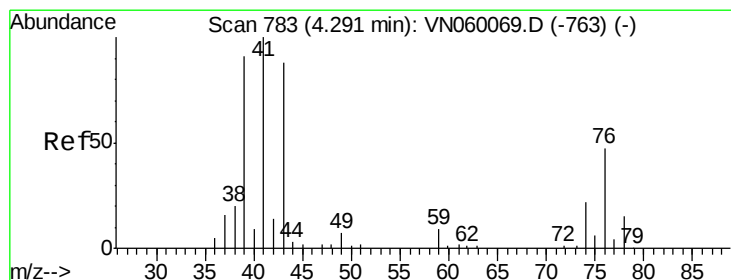
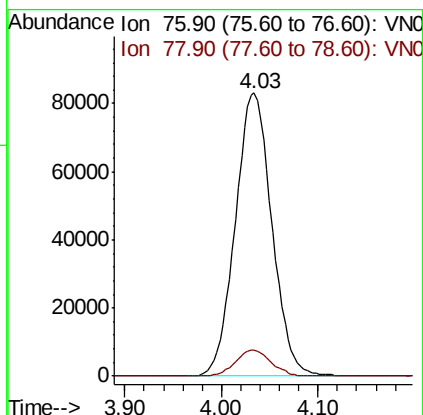
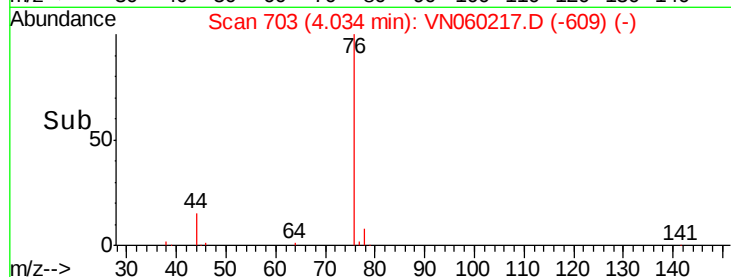
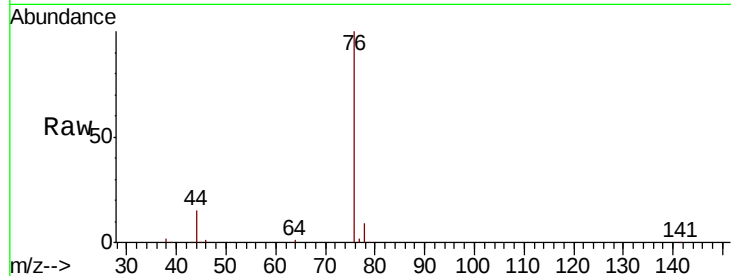




#17
Carbon Disulfide
Concen: 43.108 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

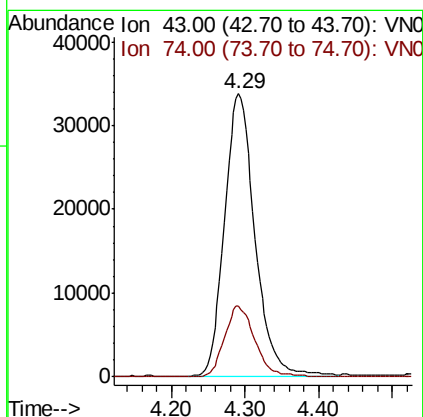
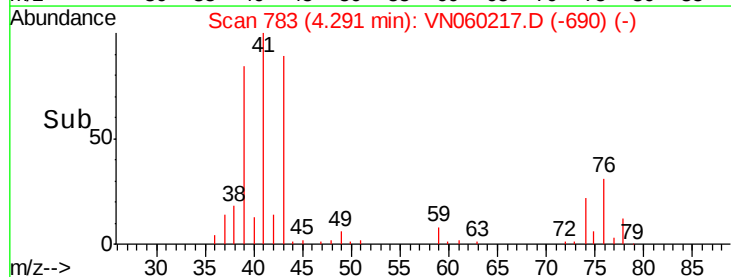
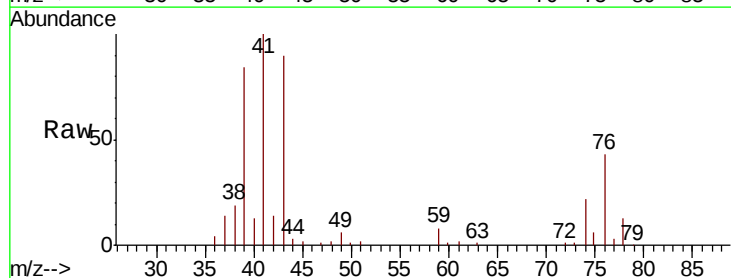
Instrument :
MSVOA_N
ClientSampleId :

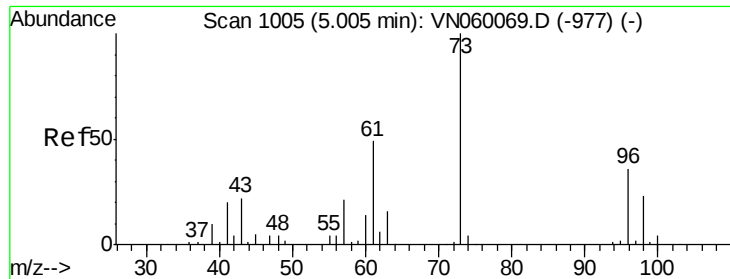
Tot Ion: 76 Resp: 218252
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 55.103 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 43 Resp: 97608
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5

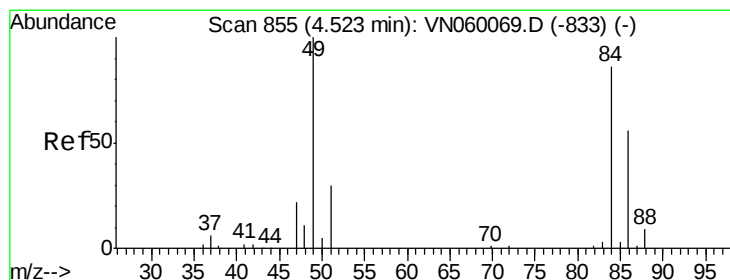
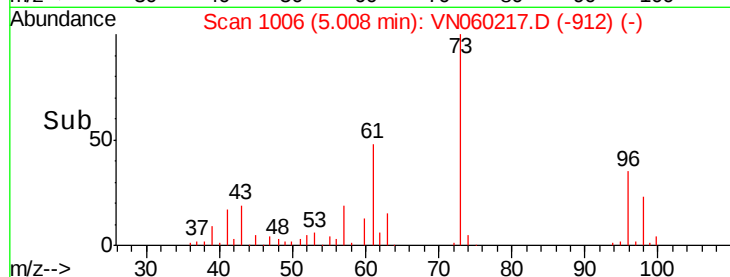
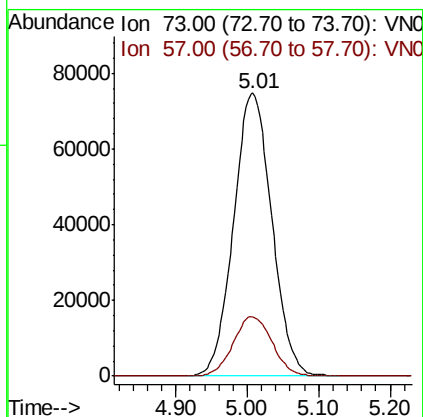
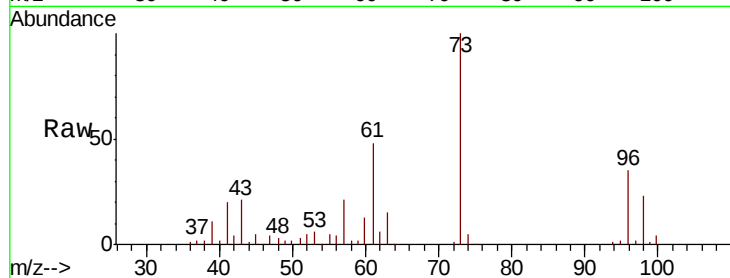




#19
Methvl tert-butvl Ether
Concen: 49.313 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

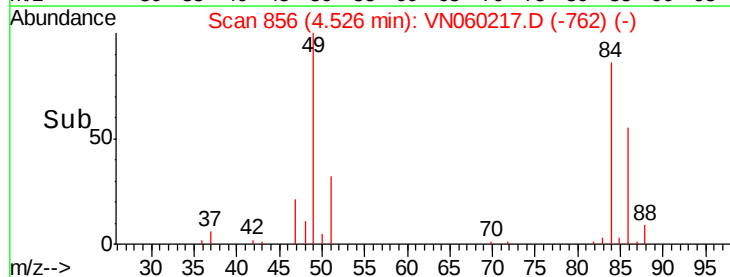
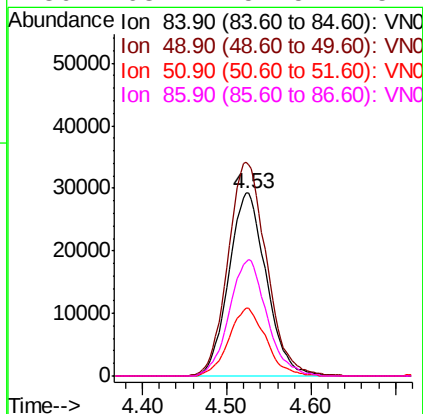
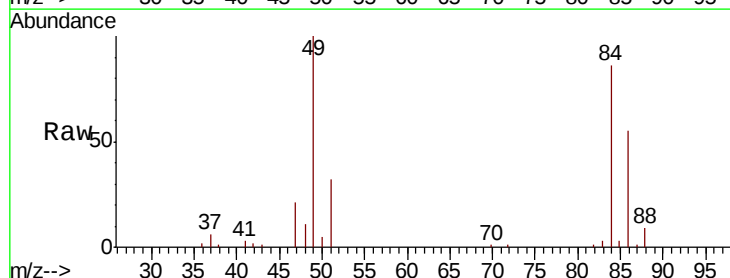
Instrument :
MSVOA_N
ClientSampled :

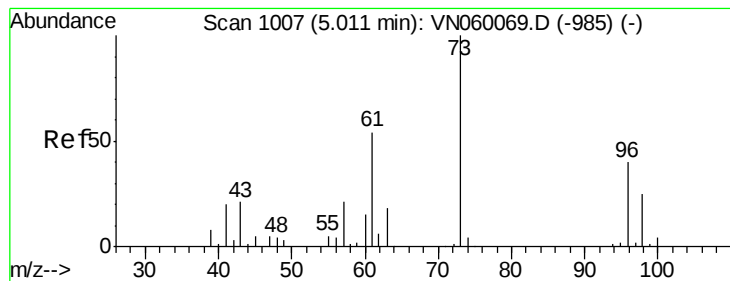
Tot Ion: 73 Resp: 278557
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 48.302 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 84 Resp: 90871
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 37.3 28.4 42.6
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.528 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

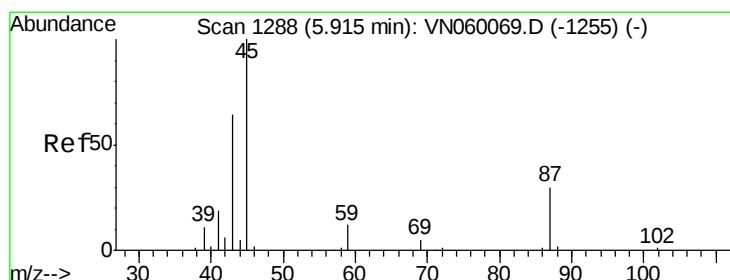
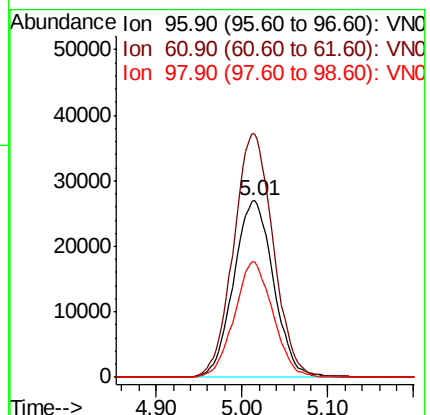
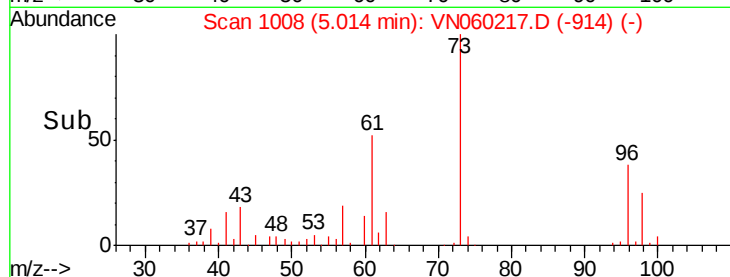
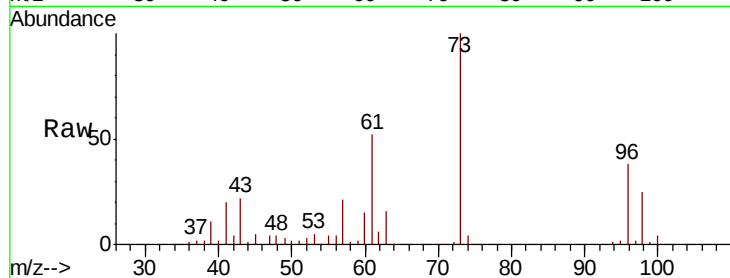
Tot Ion: 96 Resp: 87023

Ion Ratio Lower Upper

96 100

61 137.6 109.3 163.9

98 65.0 51.0 76.6



#22

Diisopropyl ether

Concen: 50.593 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Tgt Ion: 45 Resp: 274122

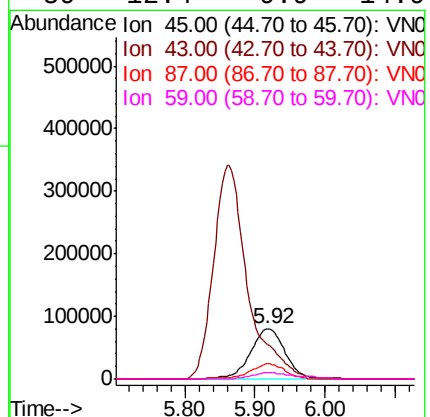
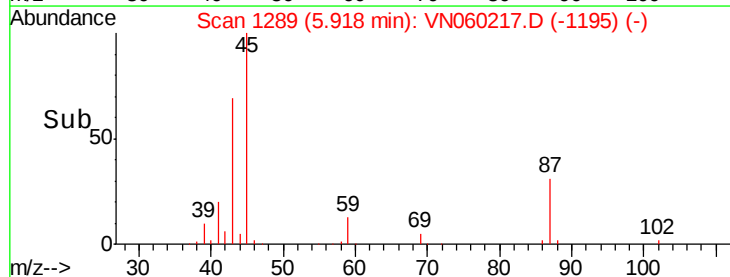
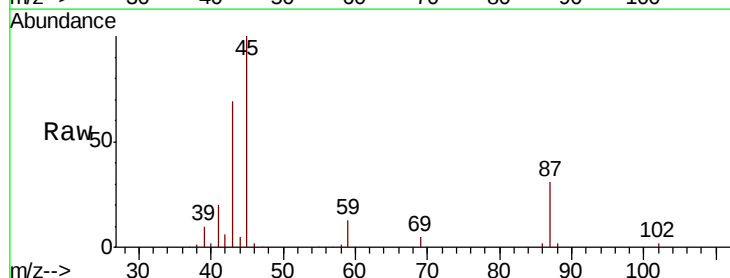
Ion Ratio Lower Upper

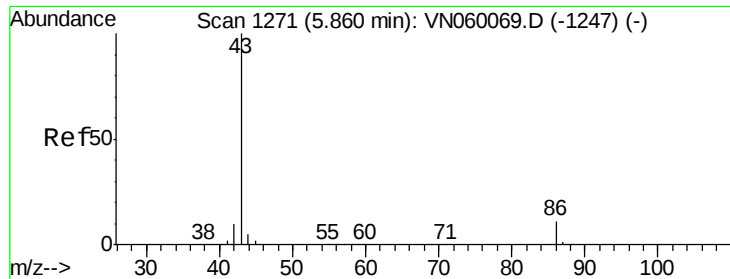
45 100

43 67.5 55.9 83.9

87 31.3 24.5 36.7

59 12.4 9.9 14.9

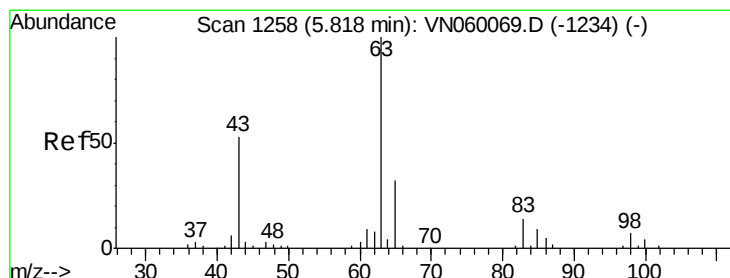
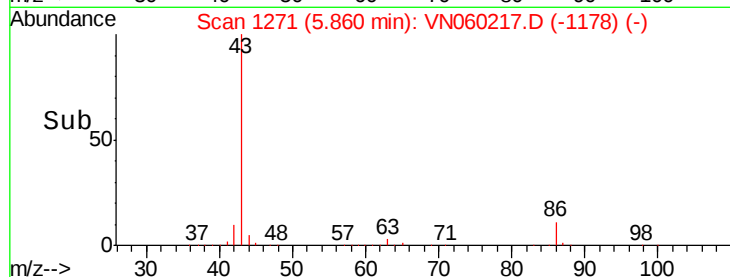
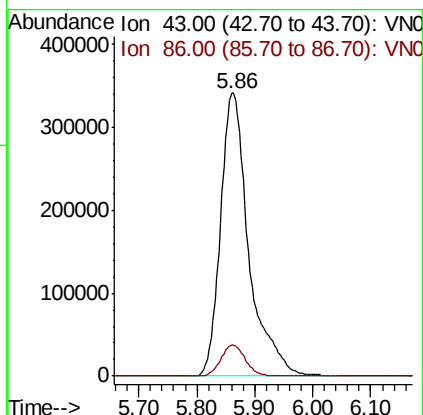
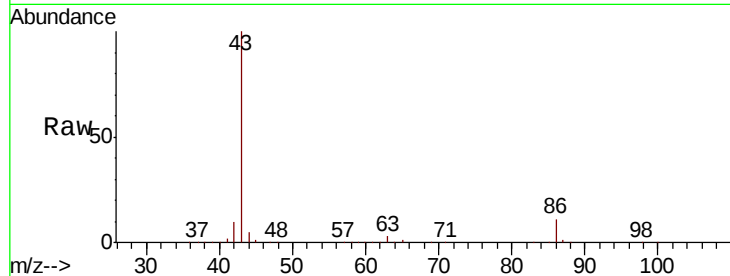




#23
 Vinyl Acetate
 Concen: 253.844 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

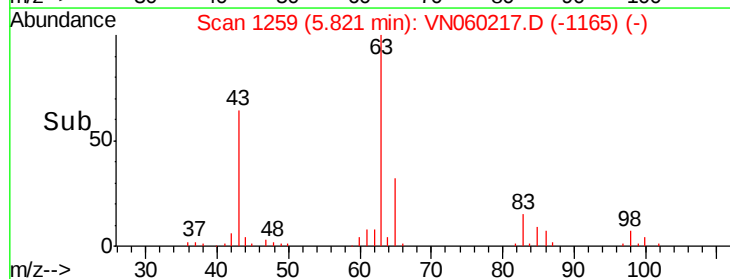
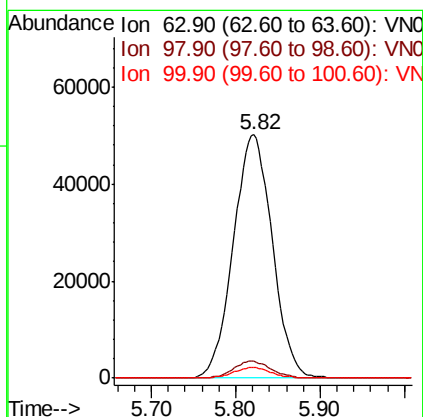
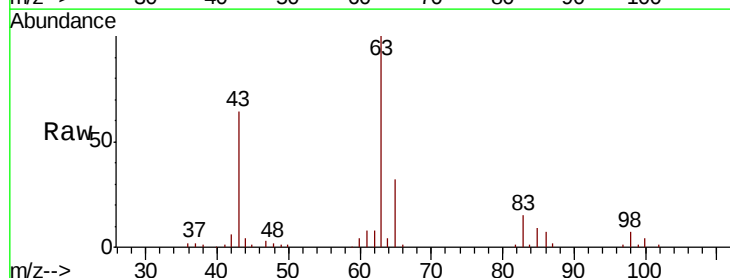
Instrument :
 MSVOA_N
 ClientSampleId :

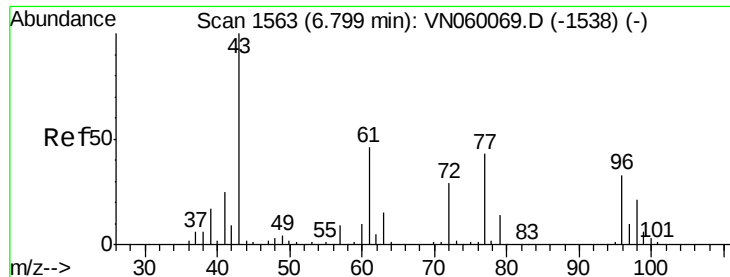
Tot Ion: 43 Resp: 1154998
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.062 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion: 63 Resp: 161034
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 235.605 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

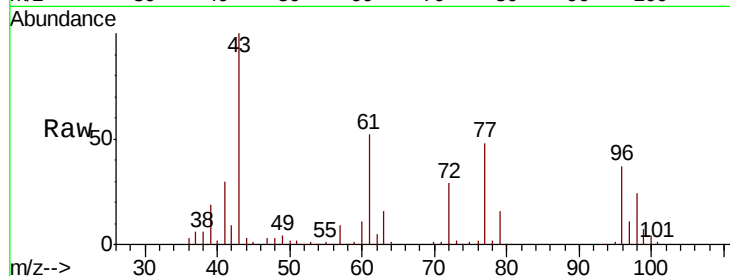
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 279416

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

6.80

100000

80000

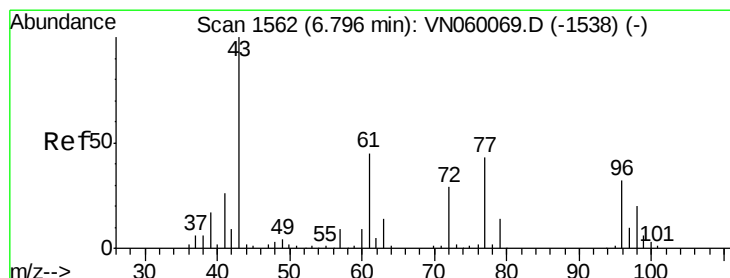
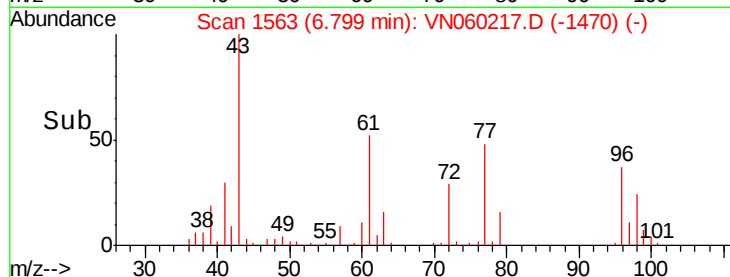
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.630 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060217.D

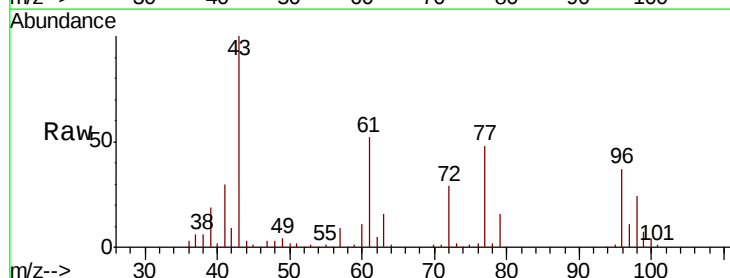
Acq: 24 Feb 2020 18:15

Tgt Ion: 77 Resp: 148488

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)

6.80

50000

40000

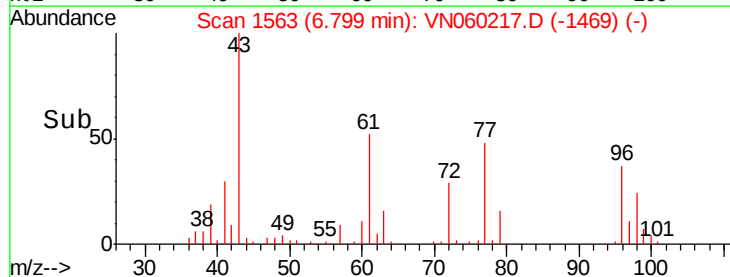
30000

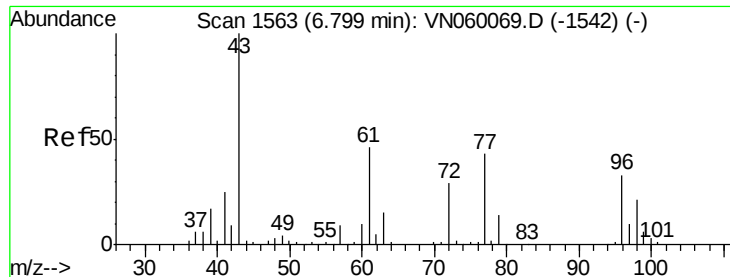
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.146 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

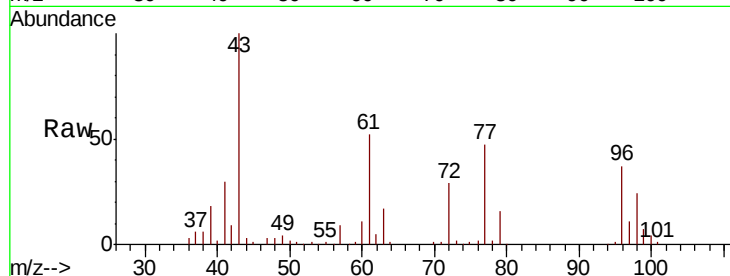
Tot Ion: 96 Resp: 103169

Ion Ratio Lower Upper

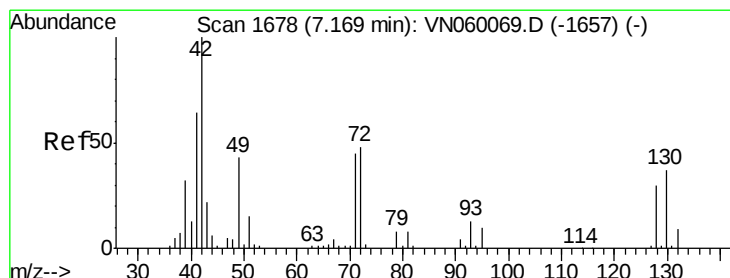
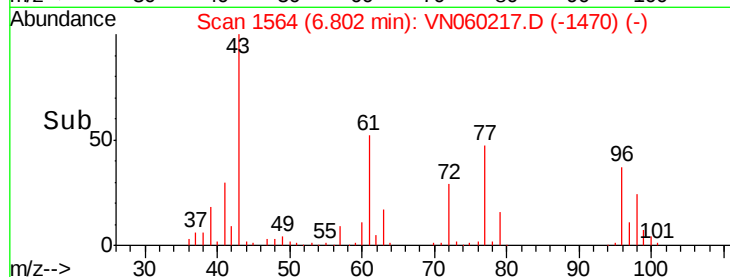
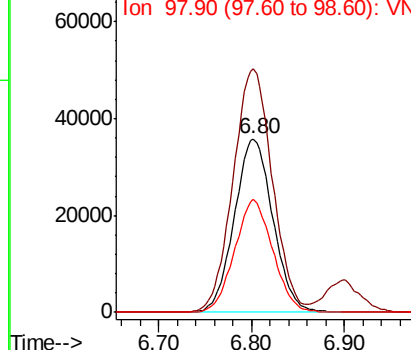
96 100

61 143.3 0.0 285.8

98 64.4 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: 48.688 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

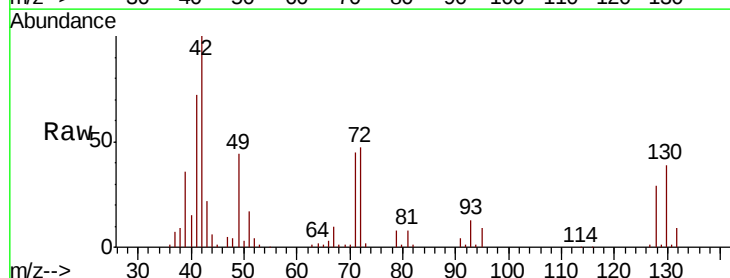
Tgt Ion: 49 Resp: 62826

Ion Ratio Lower Upper

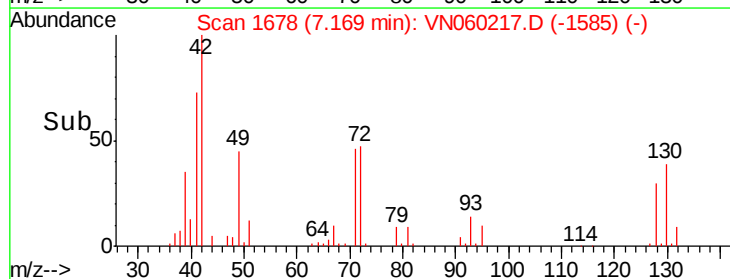
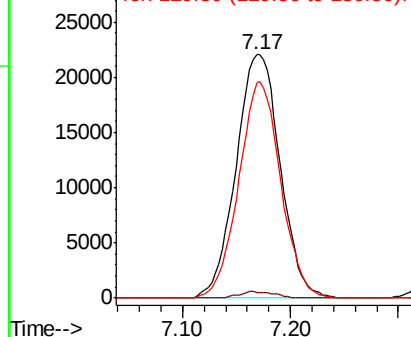
49 100

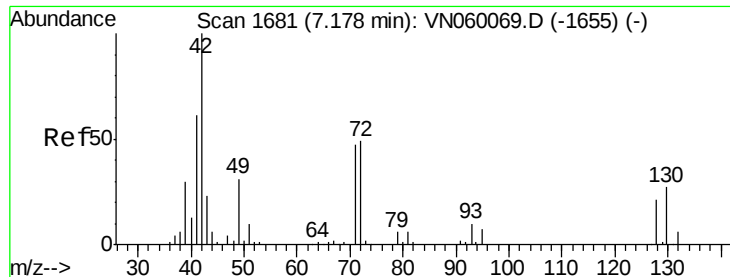
129 2.2 0.0 2.2

130 84.0 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

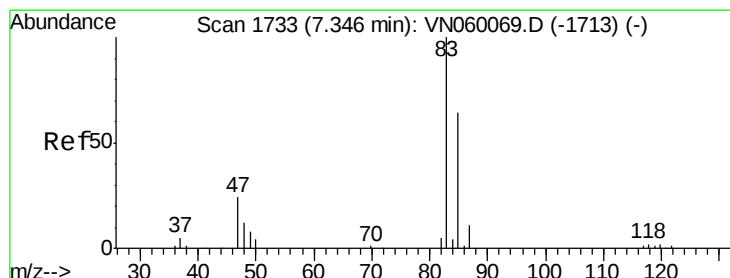
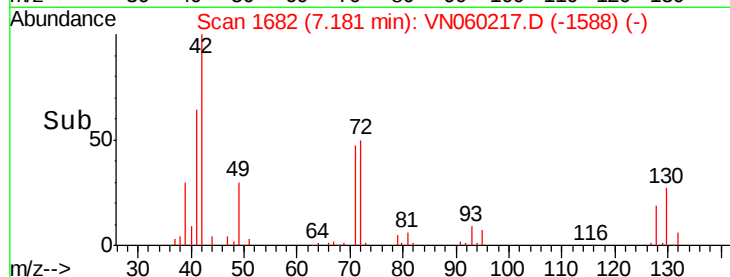
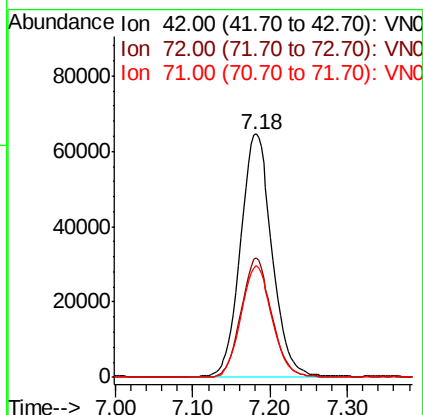
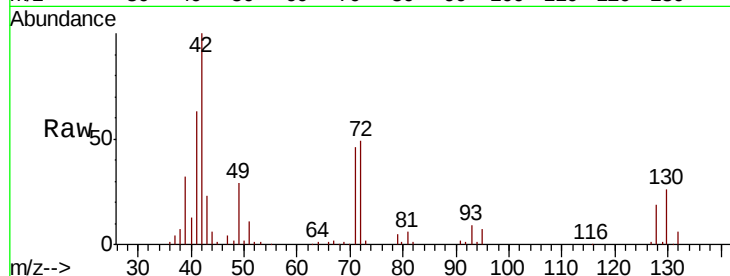




#29
Tetrahydrofuran
Concen: 252.983 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

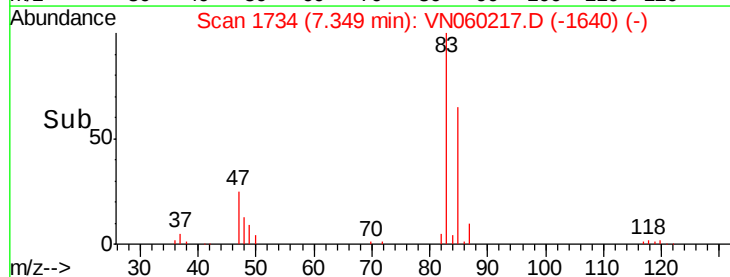
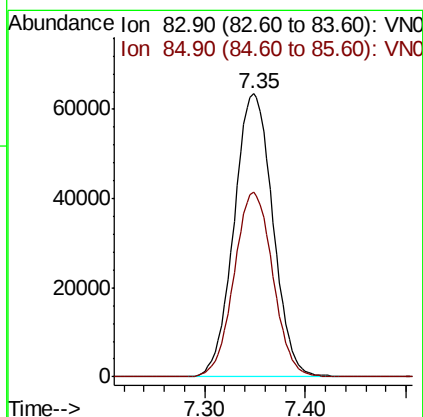
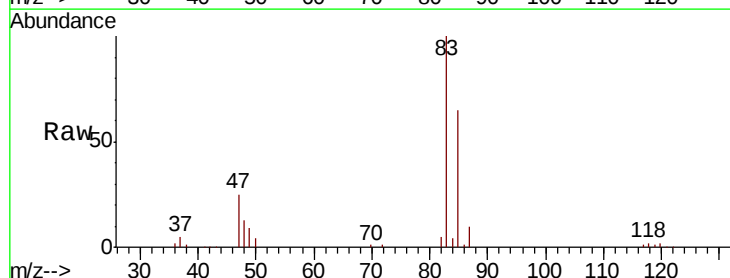
Instrument :
MSVOA_N
ClientSampled :

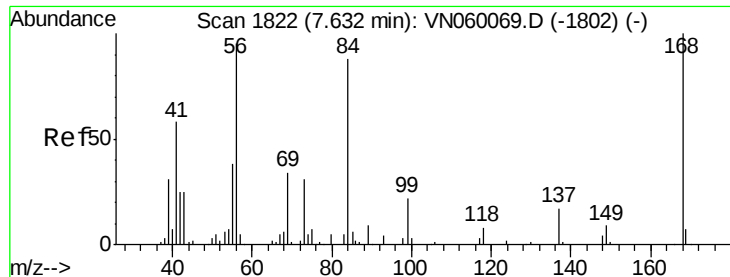
Tot Ion: 42 Resp: 184060
Ion Ratio Lower Upper
42 100
72 47.2 38.2 57.4
71 44.8 36.6 54.8



#30
Chloroform
Concen: 49.313 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 83 Resp: 169550
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0

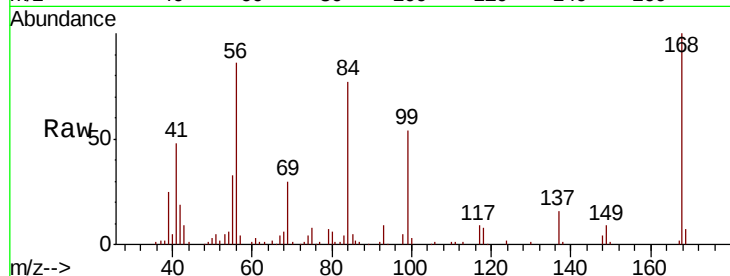




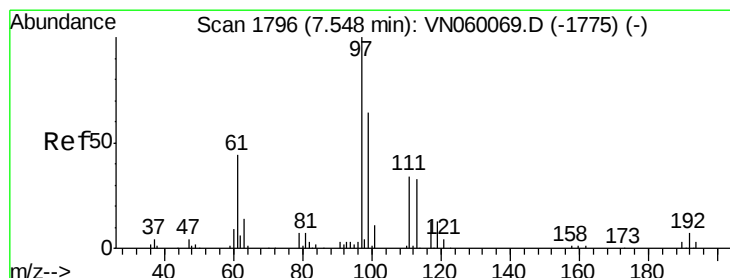
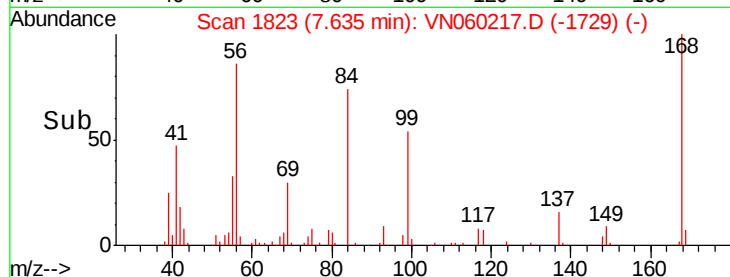
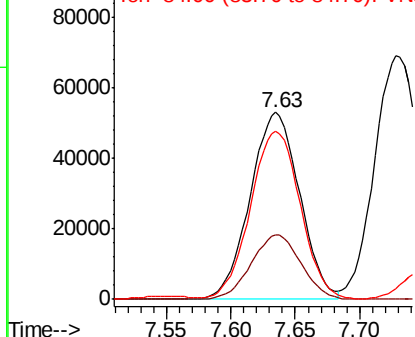
#31
Cyclohexane
Concen: 46.513 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 142215
Ion Ratio Lower Upper
56 100
69 34.6 28.3 42.5
84 88.6 72.6 108.8

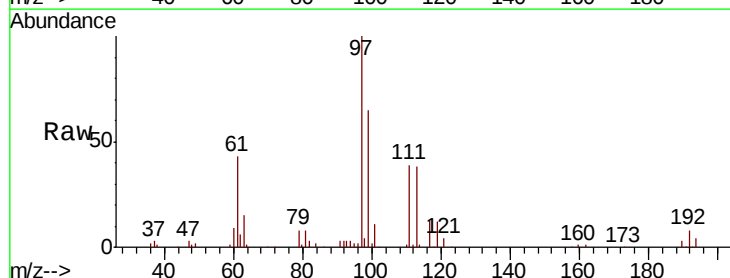


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

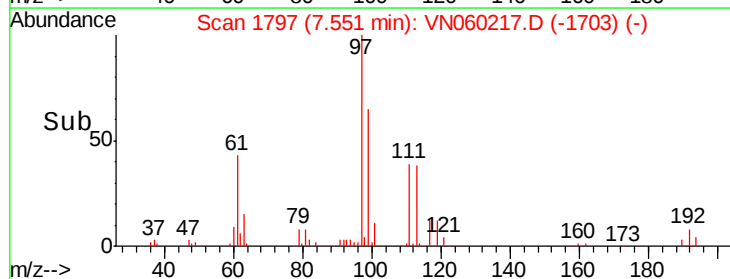
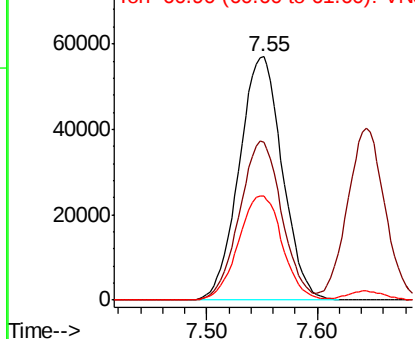


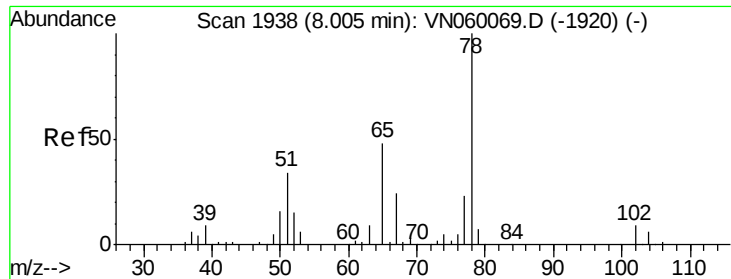
#32
1,1,1-Trichloroethane
Concen: 49.137 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 97 Resp: 154387
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 43.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

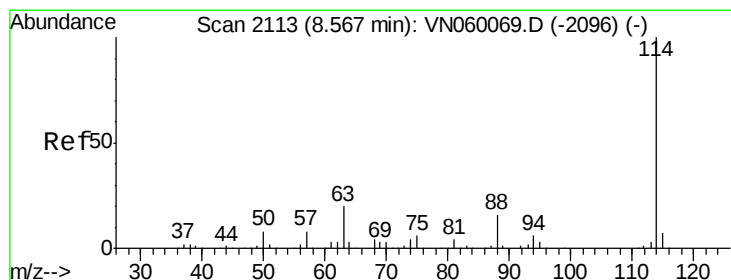
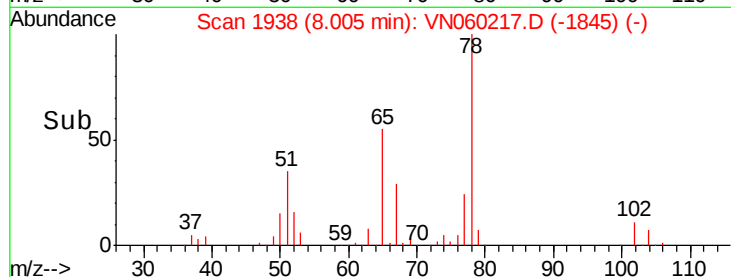
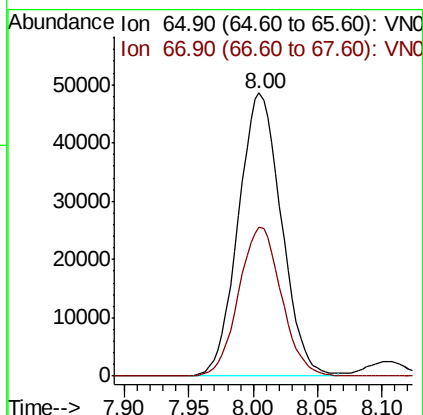
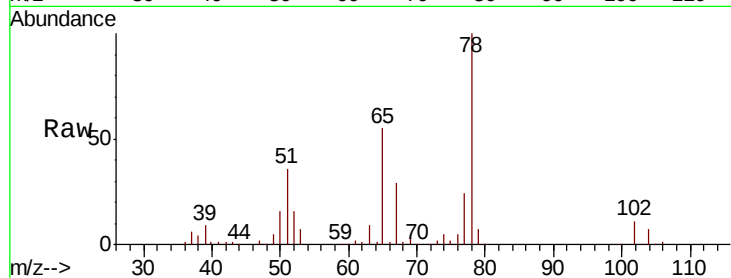




#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

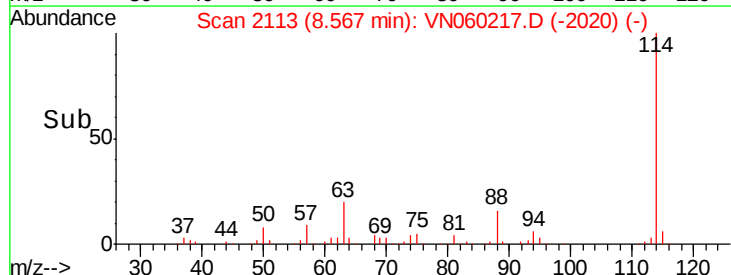
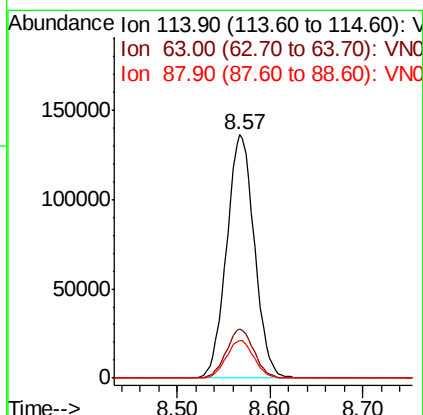
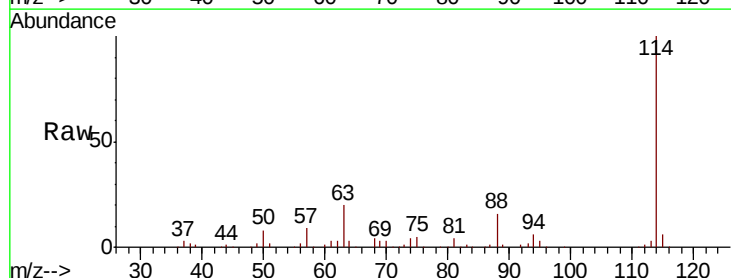
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 112805
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion: 114 Resp: 282953
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.513 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

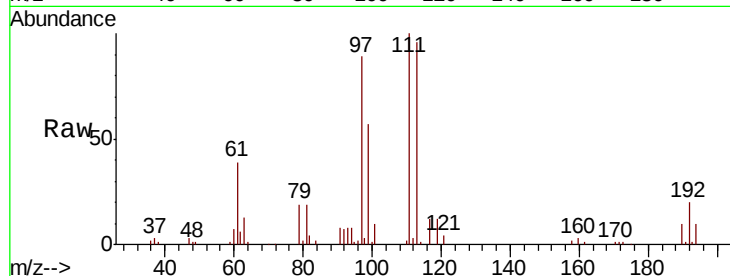
Tot Ion:113 Resp: 89597

Ion Ratio Lower Upper

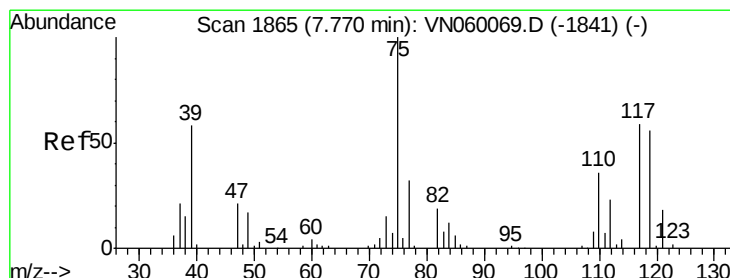
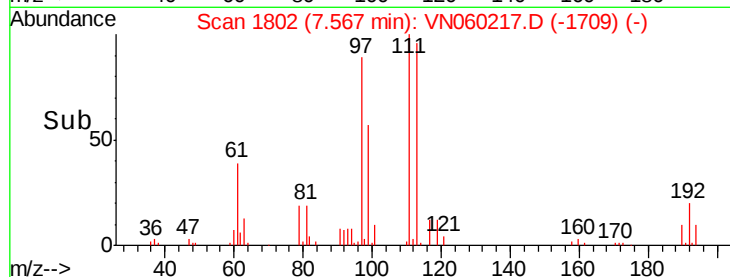
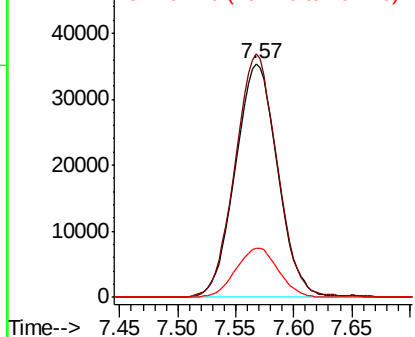
113 100

111 103.5 81.4 122.2

192 21.1 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: 47.670 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

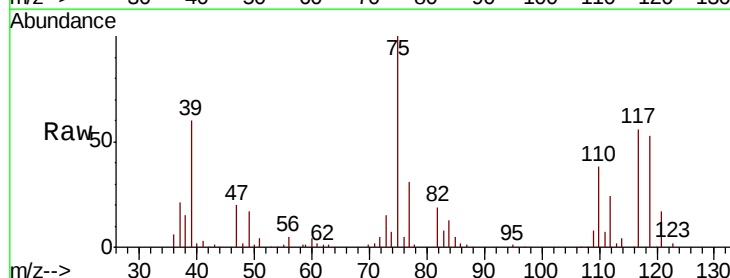
Tgt Ion: 75 Resp: 124935

Ion Ratio Lower Upper

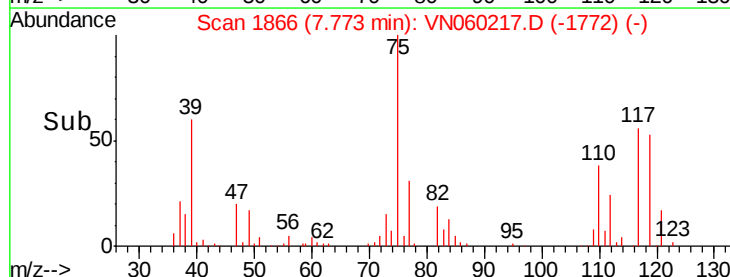
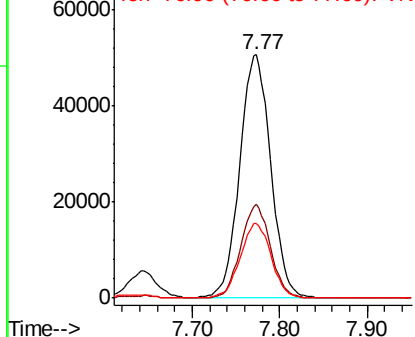
75 100

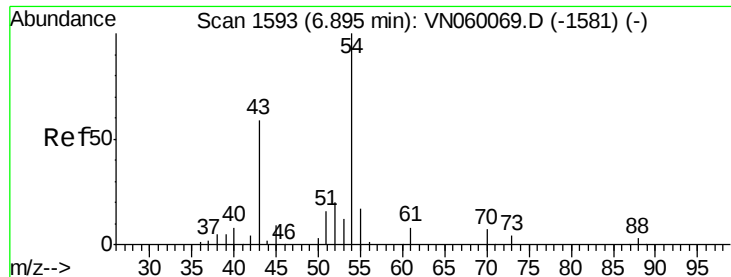
110 36.6 18.1 54.3

77 30.5 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

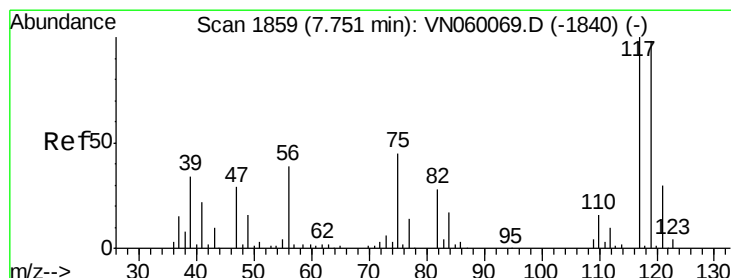
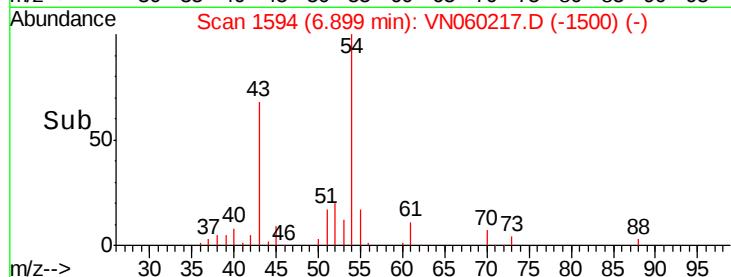
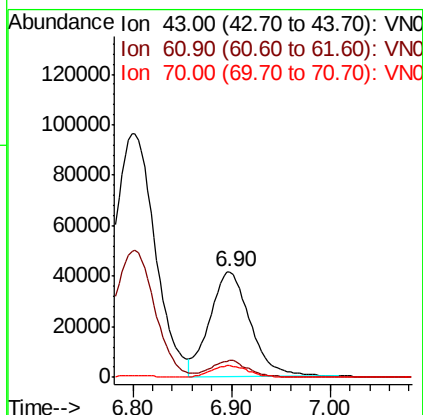
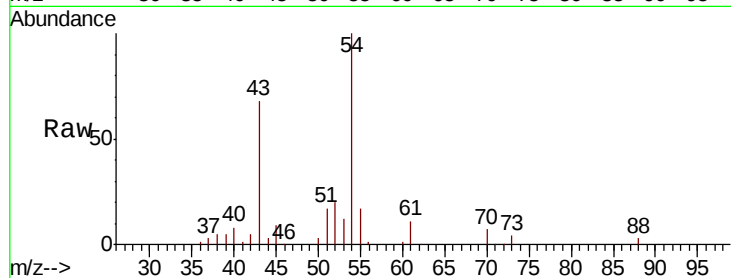




#37
Ethyl Acetate
Concen: 50.242 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

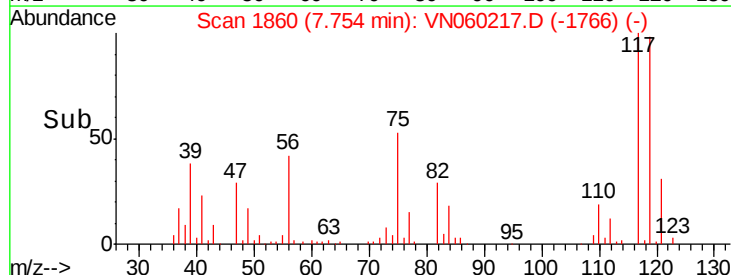
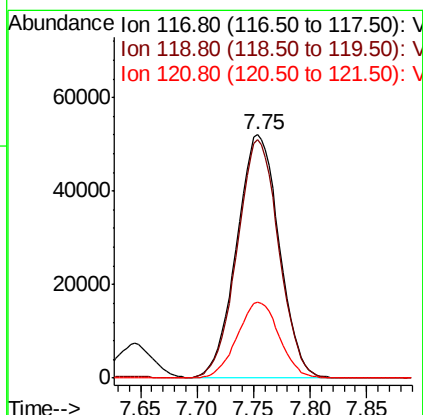
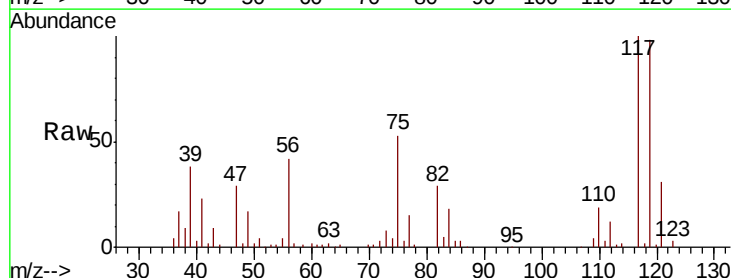
Instrument :
MSVOA_N
ClientSampled :

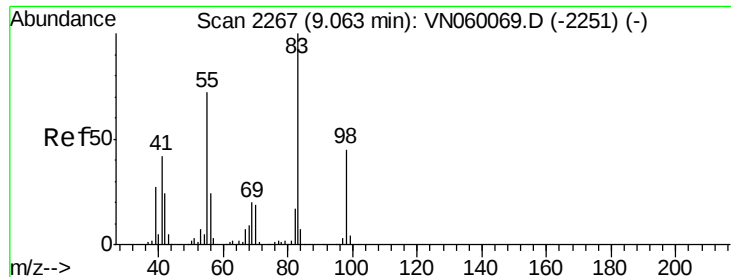
Tot Ion: 43 Resp: 119005
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.2
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.834 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 117 Resp: 136152
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 31.0 24.2 36.2

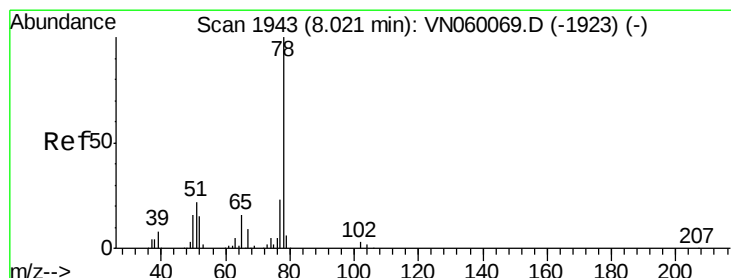
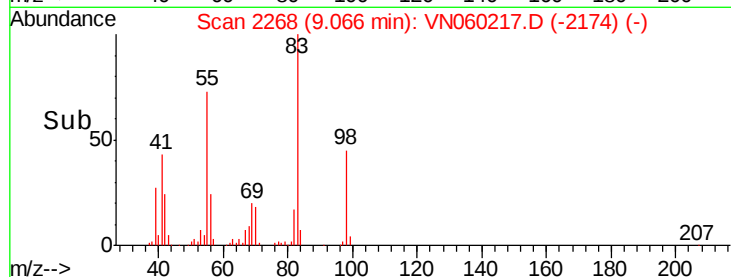
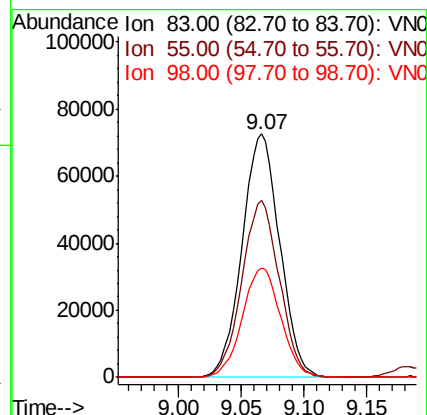
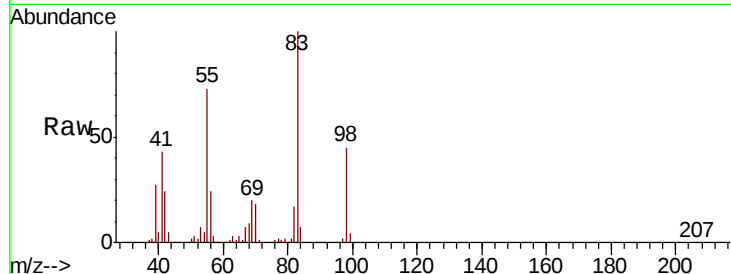




#39
Methvlcvclohexane
Concen: 46.630 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

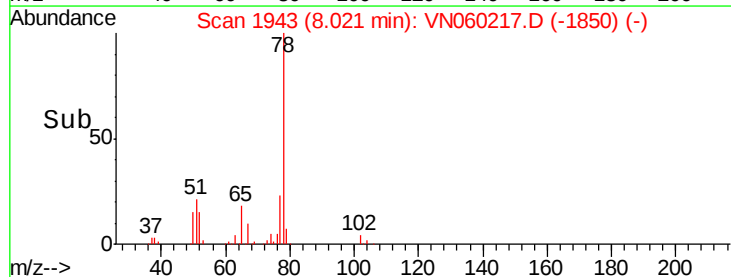
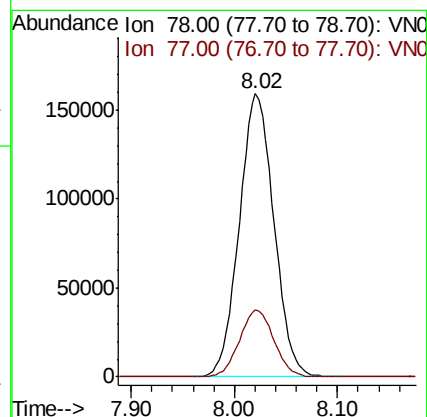
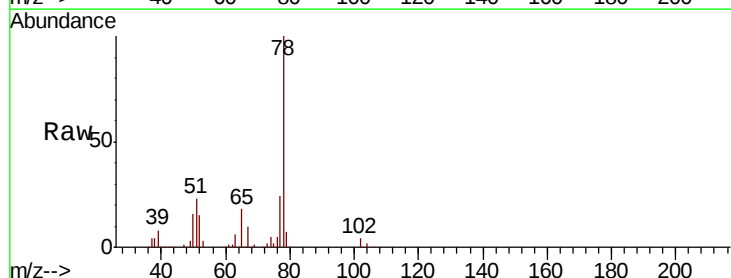
Instrument :
MSVOA_N
ClientSampled :

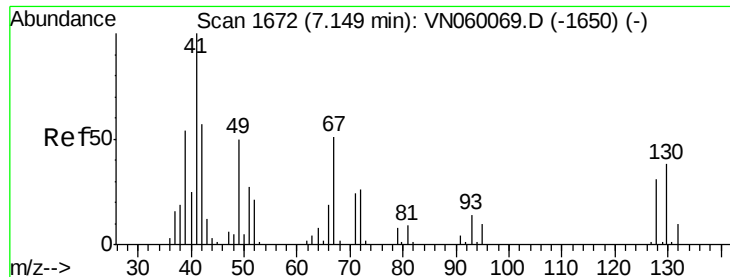
Tot Ion: 83 Resp: 151702
Ion Ratio Lower Upper
83 100
55 72.9 57.8 86.8
98 44.7 36.4 54.6



#40
Benzene
Concen: 47.852 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 78 Resp: 372017
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

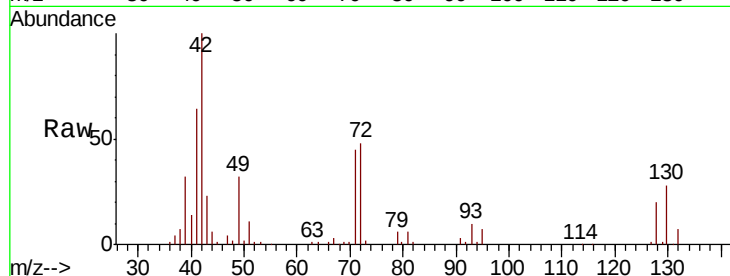




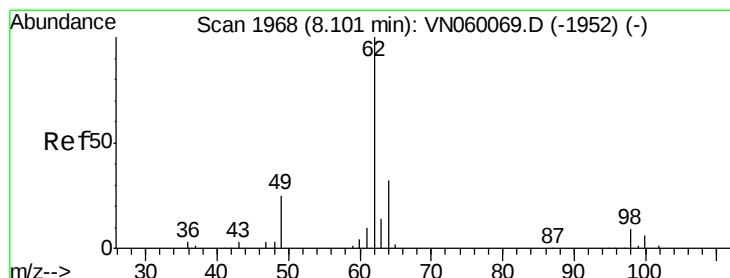
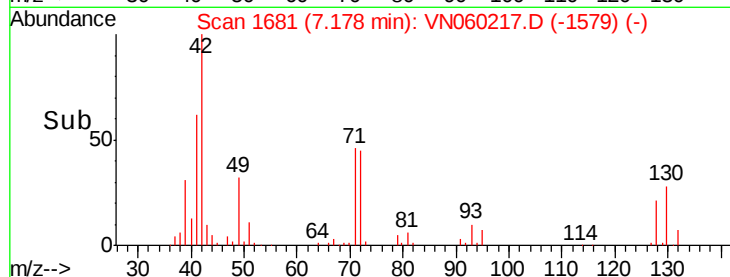
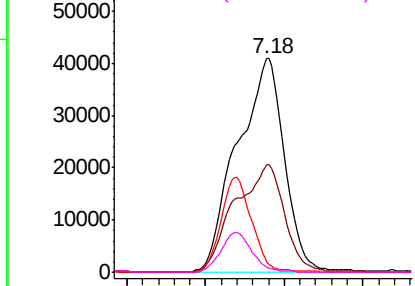
#41
Methacrylonitrile
Concen: 172.957 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	171804
Ion	Ratio	Lower	Upper
41	100		
39	52.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

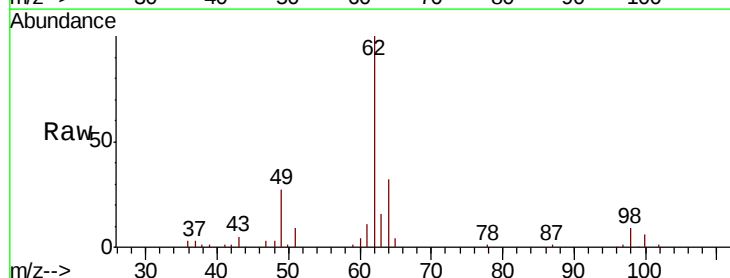


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

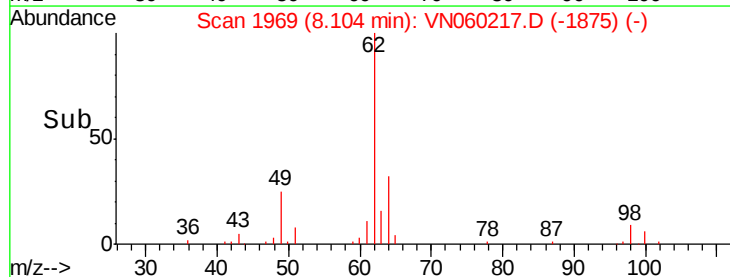
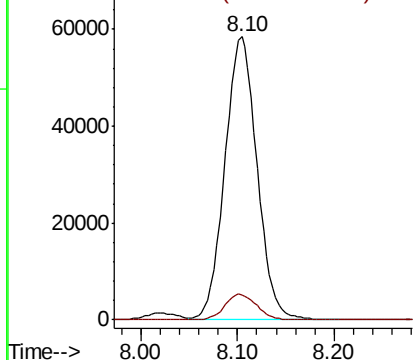


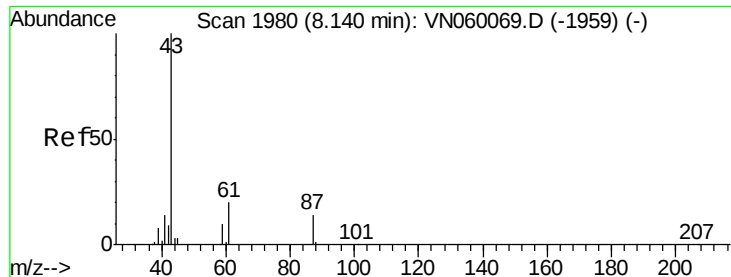
#42
1,2-Dichloroethane
Concen: 49.661 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:	62	Resp:	135317
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



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

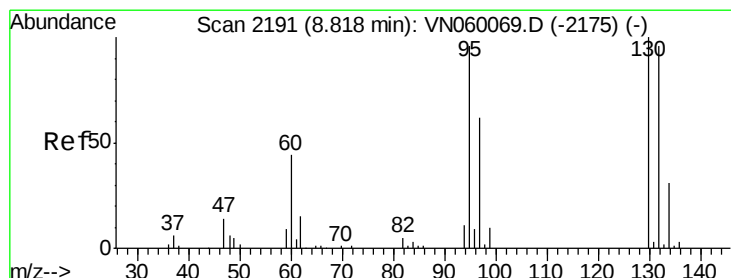
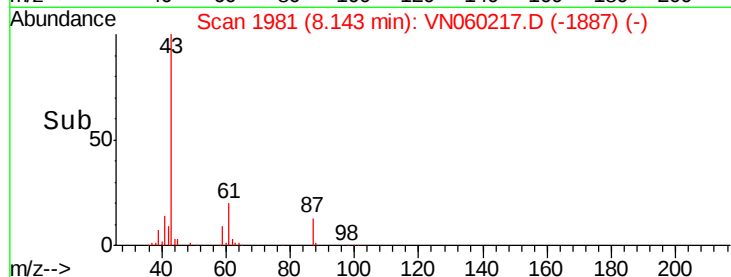
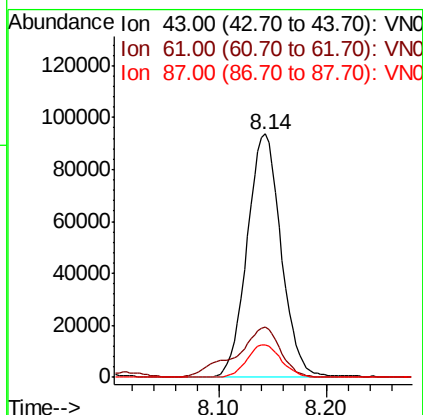
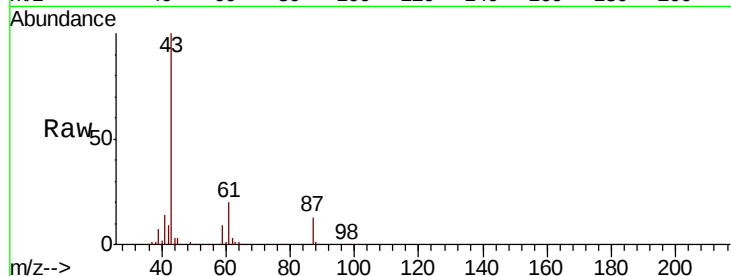




#43
Isopropyl Acetate
Concen: 50.645 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

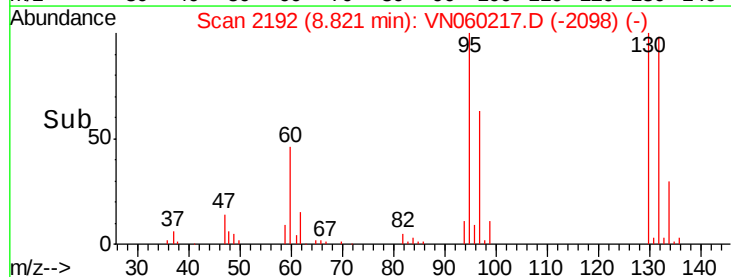
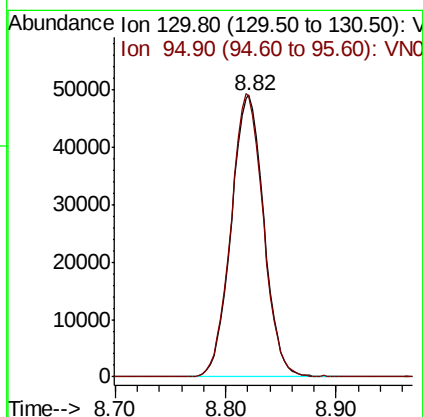
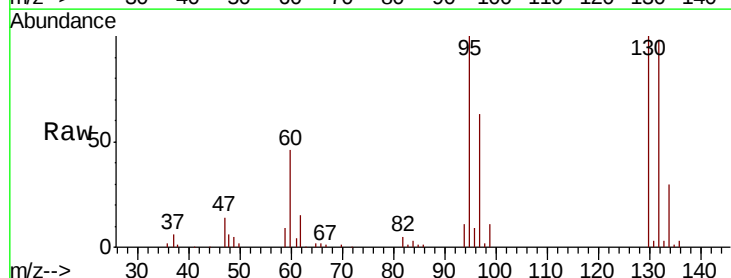
Instrument :
MSVOA_N
ClientSampled :

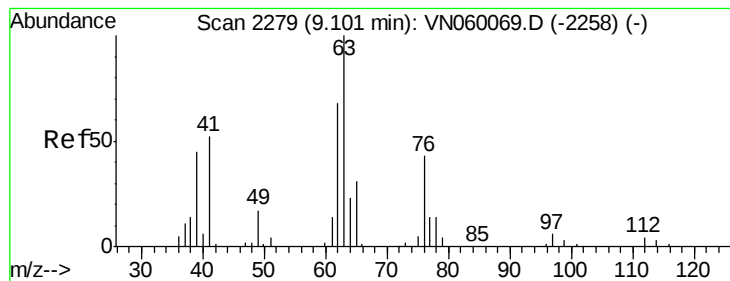
Tot Ion: 43 Resp: 205061
Ion Ratio Lower Upper
43 100
61 26.9 21.8 32.6
87 13.5 11.4 17.2



#44
Trichloroethene
Concen: 46.680 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:130 Resp: 100487
Ion Ratio Lower Upper
130 100
95 99.6 0.0 192.4





#45

1,2-Dichloropropane

Concen: 50.252 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

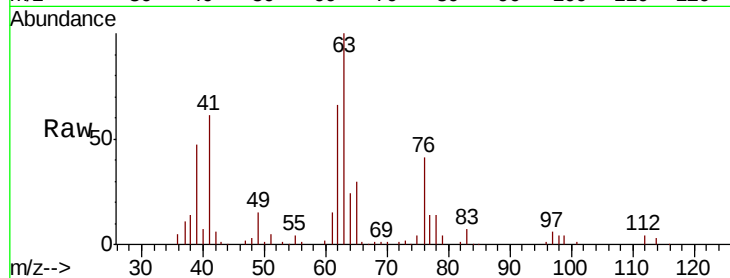
ClientSampled :

Tot Ion: 63 Resp: 96722

Ion Ratio Lower Upper

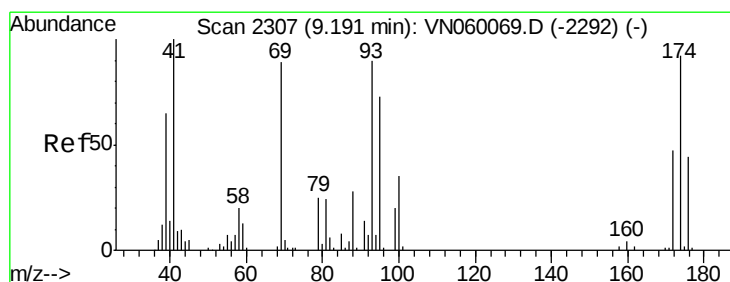
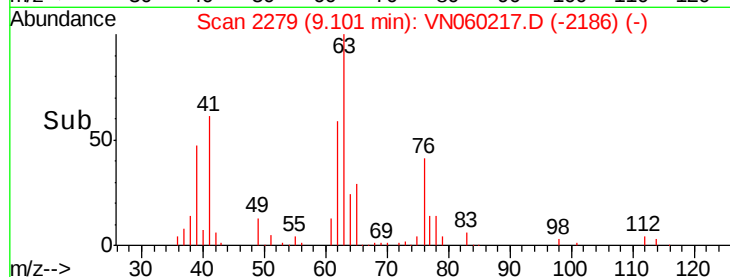
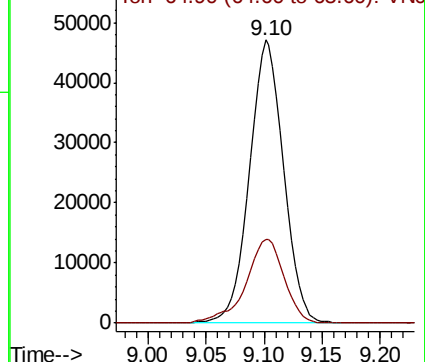
63 100

65 29.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.222 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

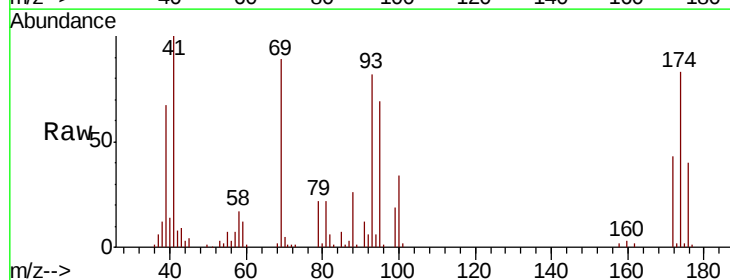
Tgt Ion: 93 Resp: 66949

Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.6

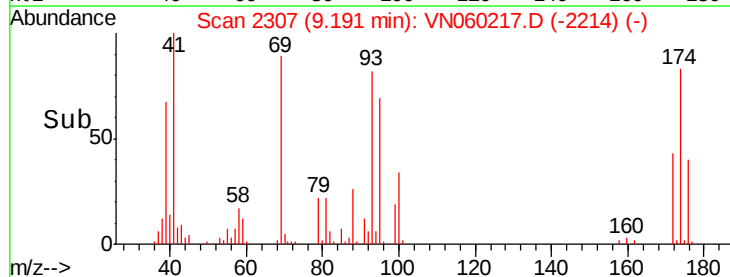
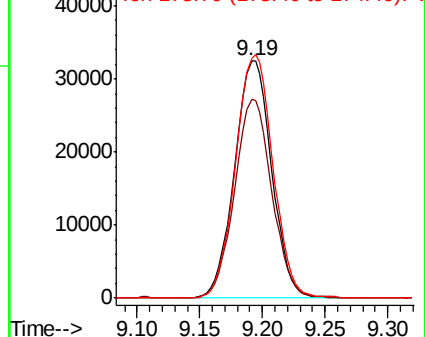
174 103.4 82.3 123.5

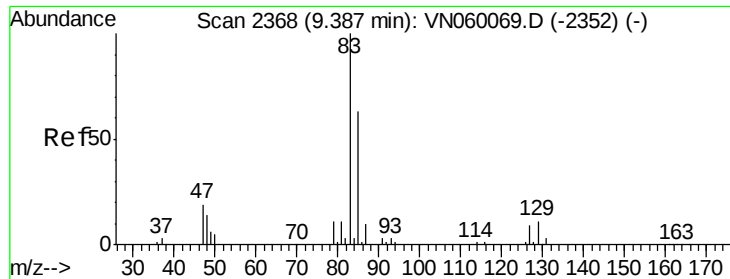


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

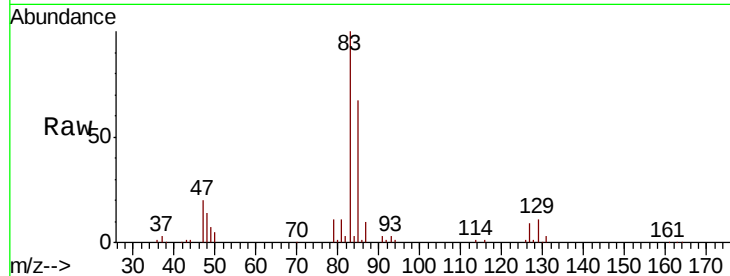




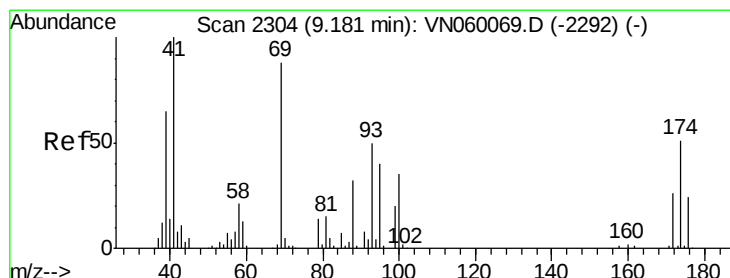
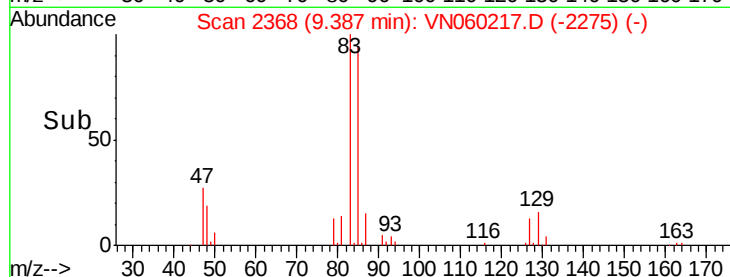
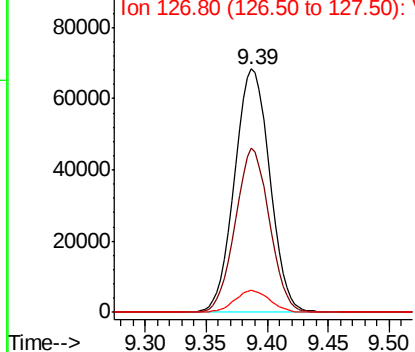
#47
 Bromodichloromethane
 Concen: 49.479 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 136825
 Ion Ratio Lower Upper
 83 100
 85 67.2 50.6 75.8
 127 8.9 7.0 10.6

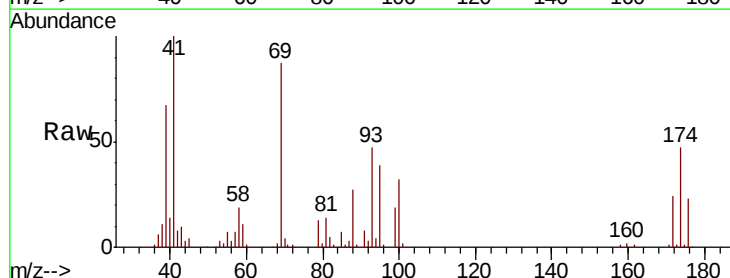


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

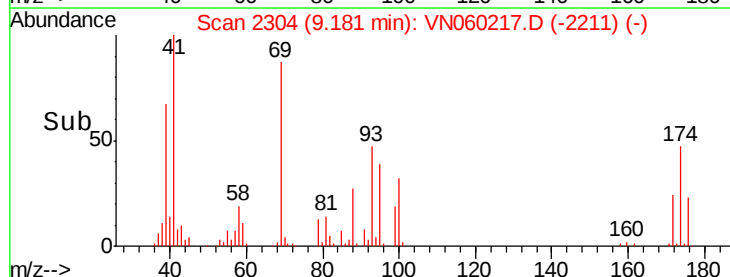
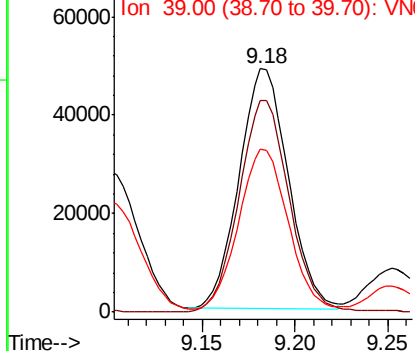


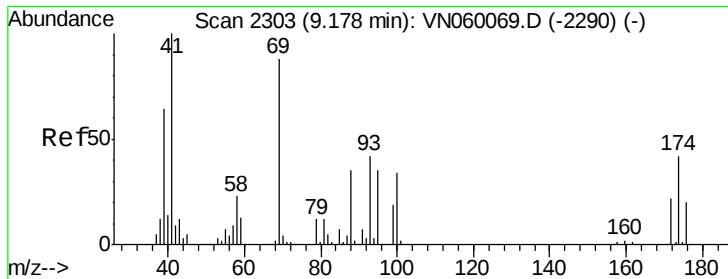
#48
 Methyl methacrylate
 Concen: 49.419 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion: 41 Resp: 89777
 Ion Ratio Lower Upper
 41 100
 69 90.0 72.0 108.0
 39 66.8 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: 902.542 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

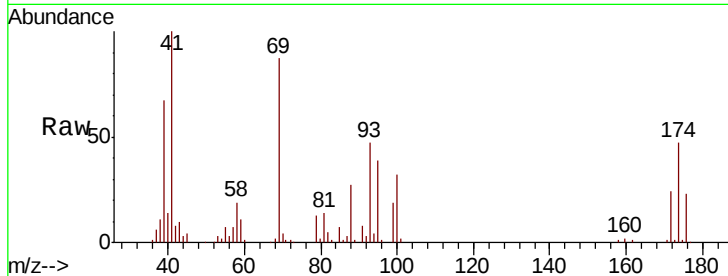
Tot Ion: 88 Resp: 28014

Ion Ratio Lower Upper

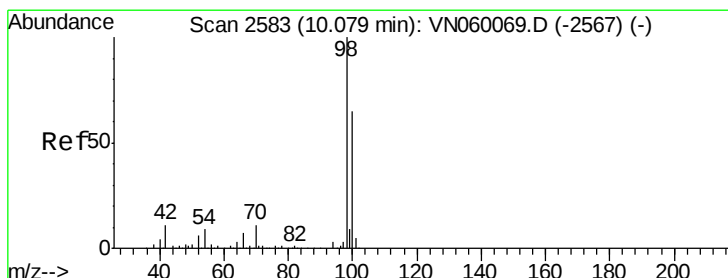
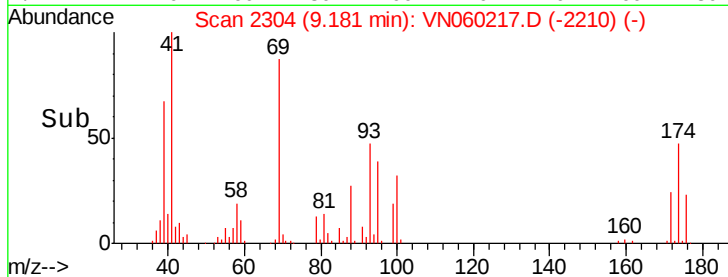
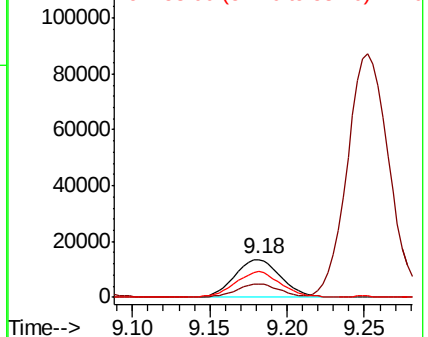
88 100

43 34.0 26.2 39.2

58 66.6 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: 50.992 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060217.D

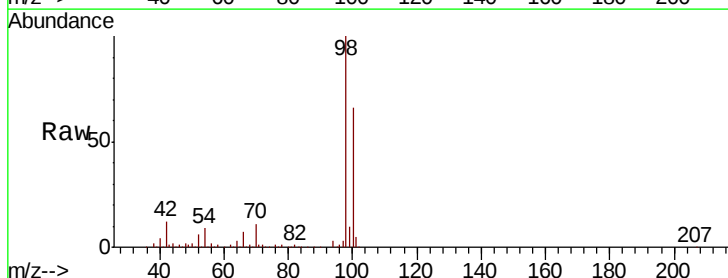
Acq: 24 Feb 2020 18:15

Tgt Ion: 98 Resp: 349262

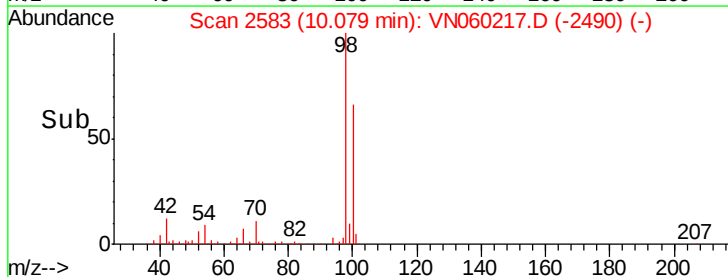
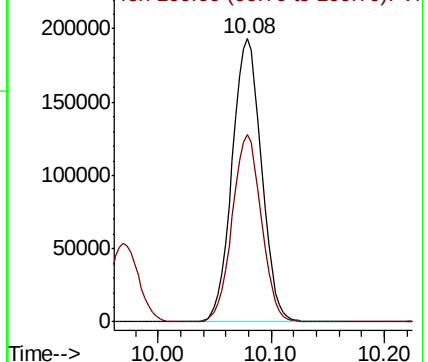
Ion Ratio Lower Upper

98 100

100 65.8 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: 258.359 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

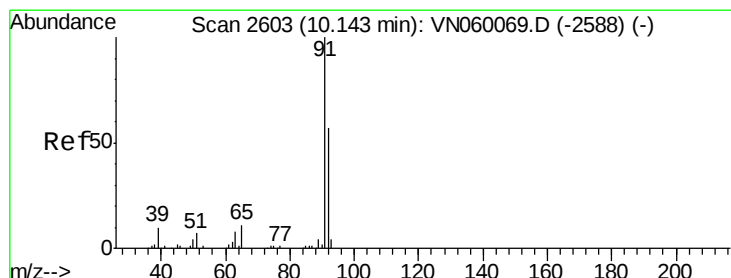
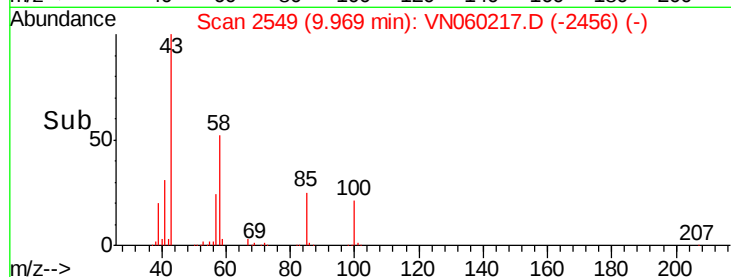
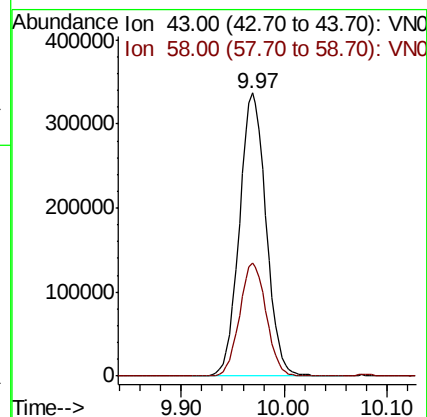
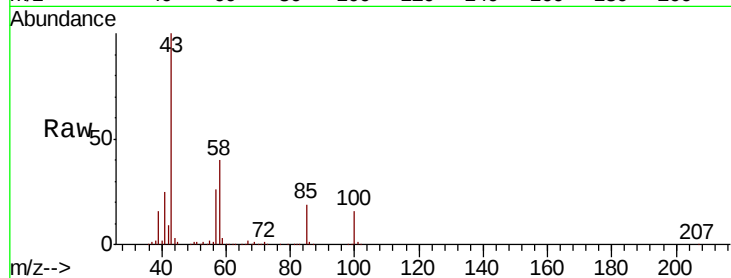
ClientSampleId :

Tot Ion: 43 Resp: 605493

Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.8



#52

Toluene

Concen: 48.818 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060217.D

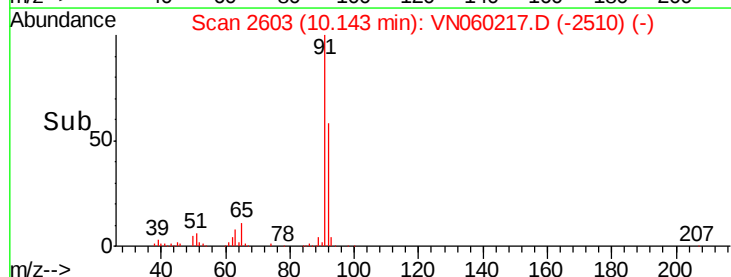
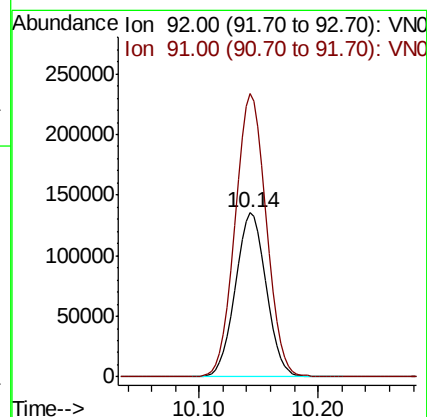
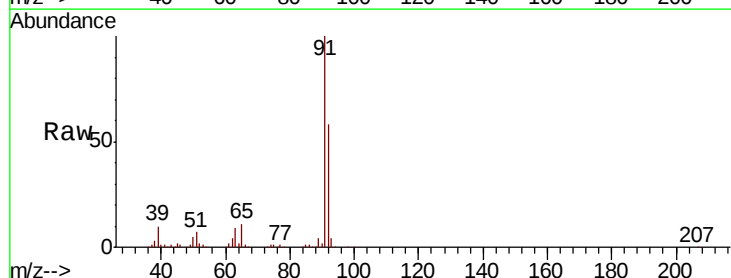
Acq: 24 Feb 2020 18:15

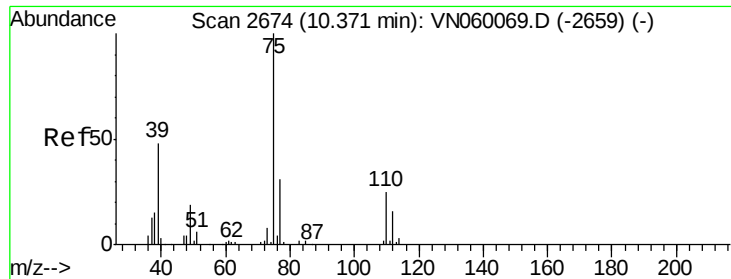
Tgt Ion: 92 Resp: 243377

Ion Ratio Lower Upper

92 100

91 173.7 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 50.010 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

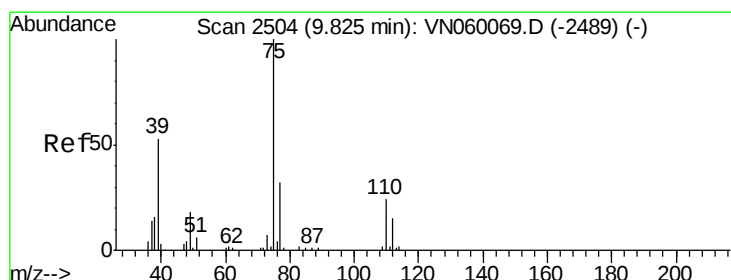
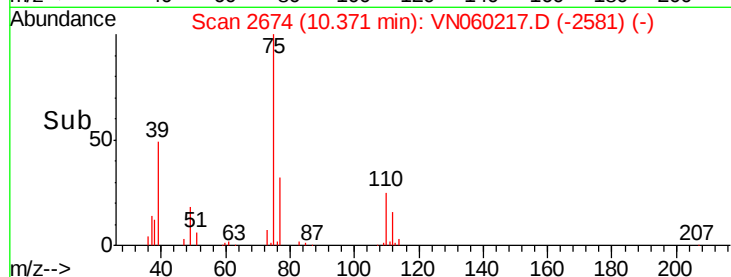
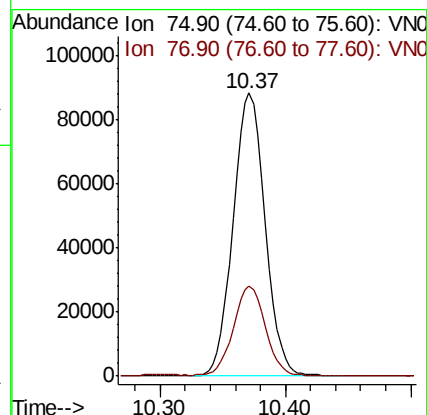
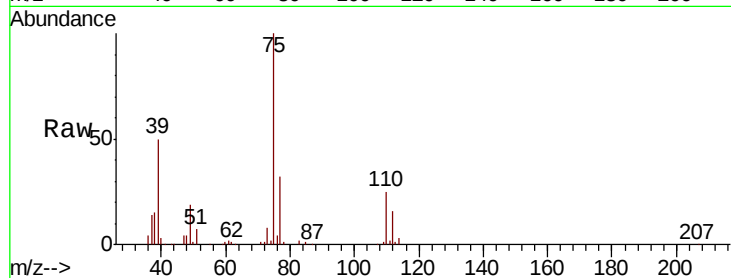
ClientSampleId :

Tot Ion: 75 Resp: 156099

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.598 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

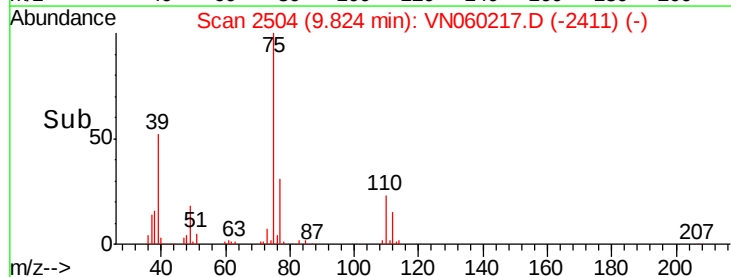
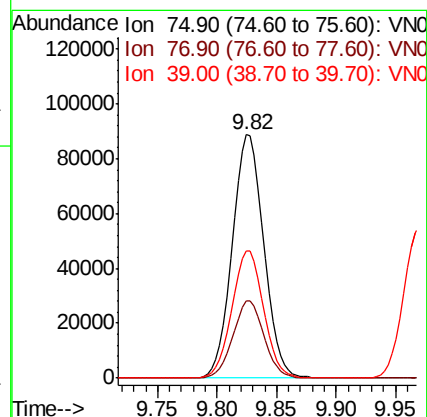
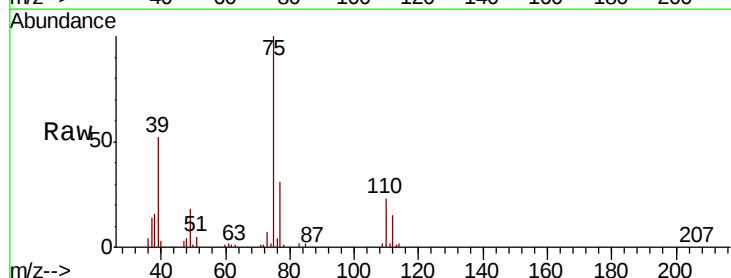
Tgt Ion: 75 Resp: 163020

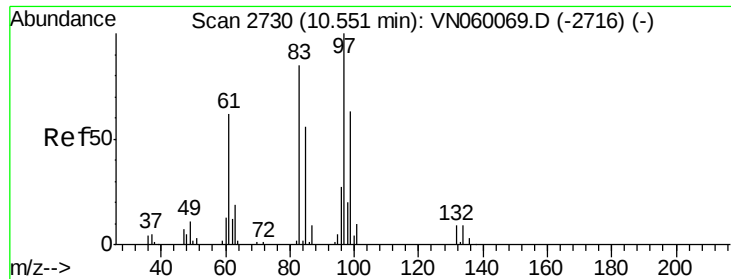
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 52.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.889 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 97032

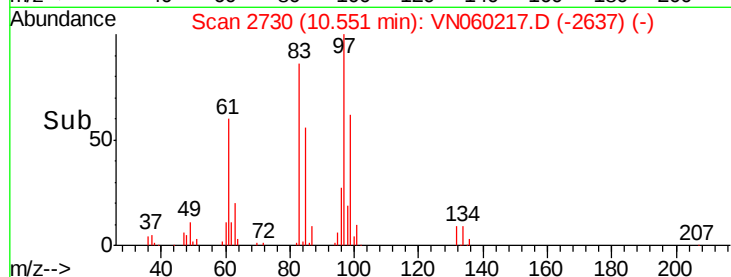
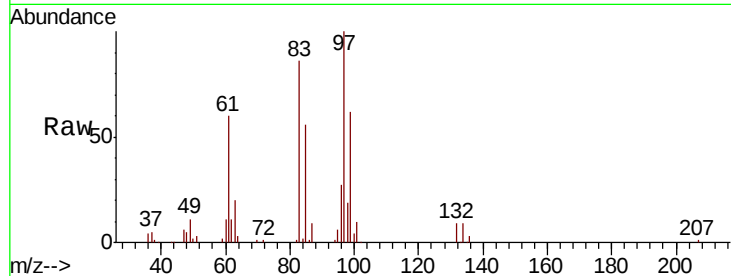
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.9	101.9
85	55.7	44.6	67.0
99	61.6	50.1	75.1

97 100

83 86.5 67.9 101.9

85 55.7 44.6 67.0

99 61.6 50.1 75.1



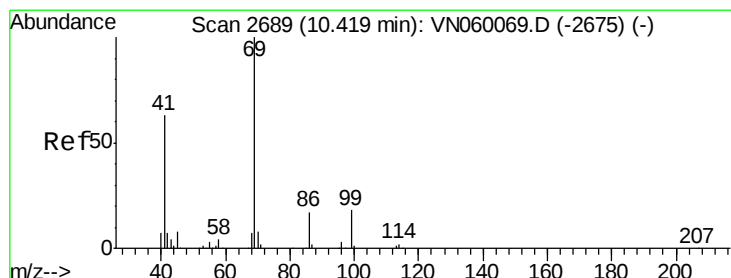
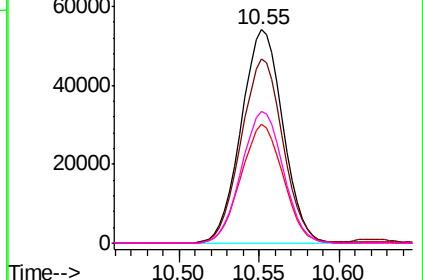
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.903 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

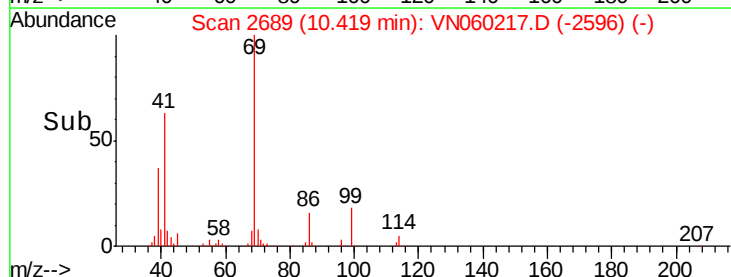
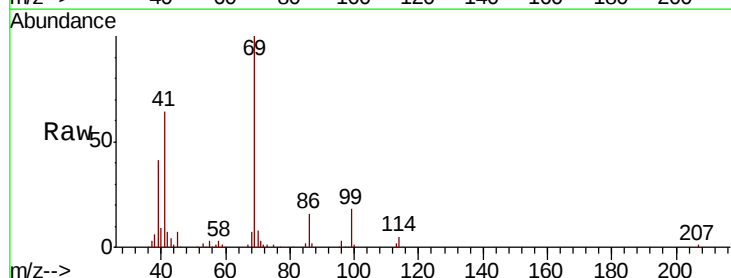
Tgt Ion: 69 Resp: 145554

Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.1	76.7
39	40.8	33.8	50.8

69 100

41 63.8 51.1 76.7

39 40.8 33.8 50.8

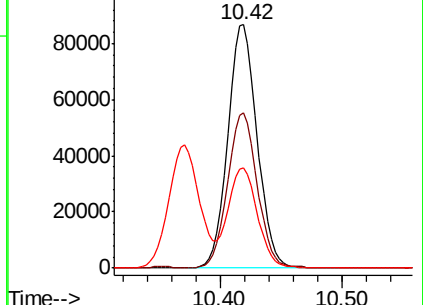


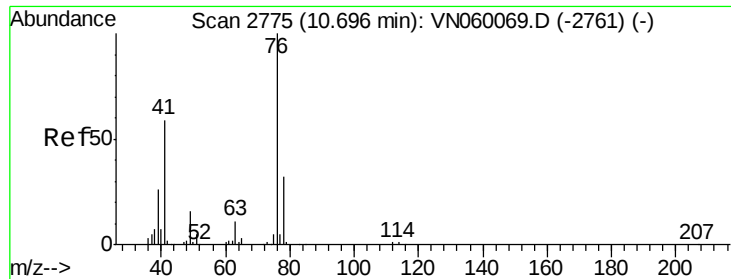
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.362 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

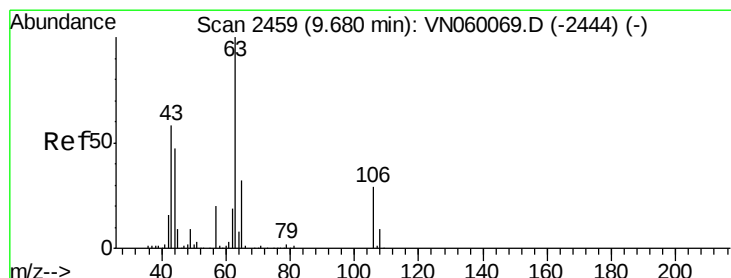
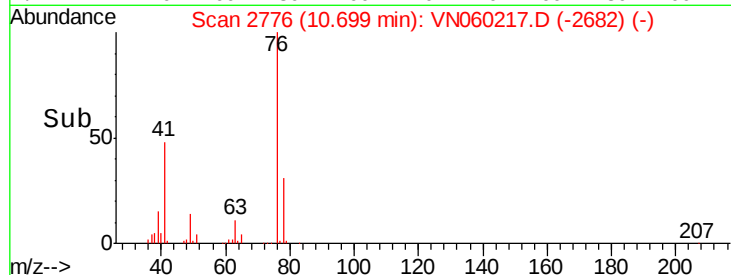
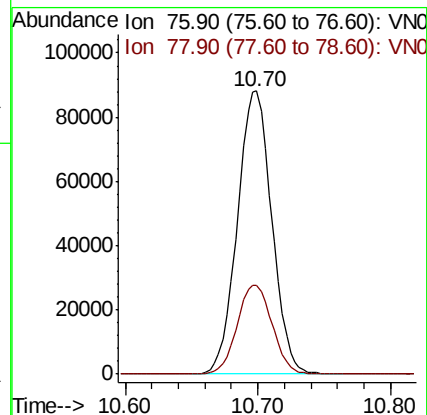
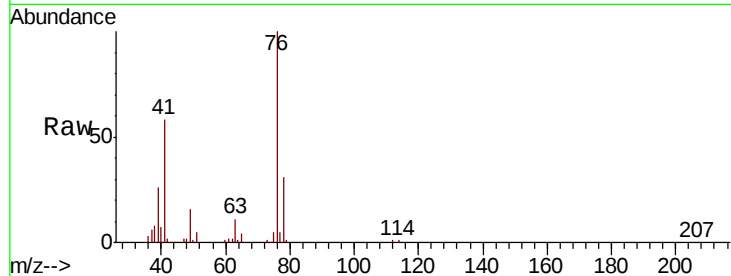
ClientSampleId :

Tot Ion: 76 Resp: 158418

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 262.478 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060217.D

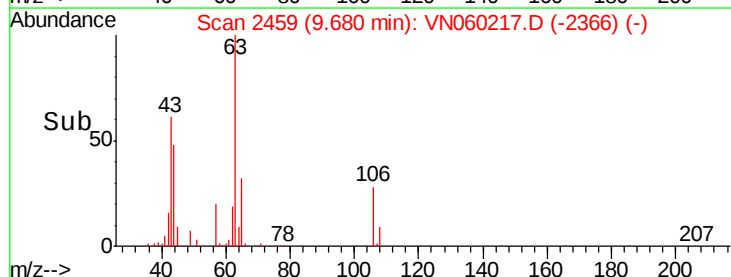
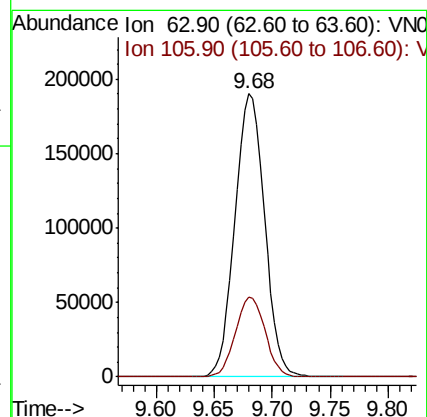
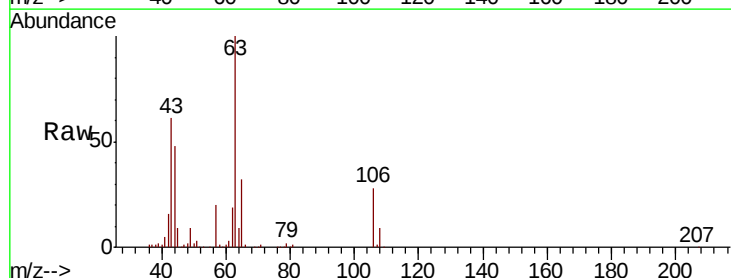
Acq: 24 Feb 2020 18:15

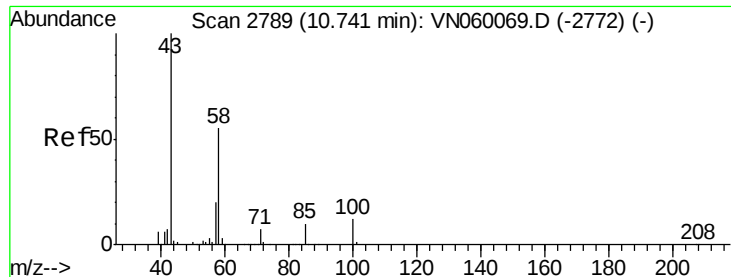
Tgt Ion: 63 Resp: 336438

Ion Ratio Lower Upper

63 100

106 28.1 22.9 34.3

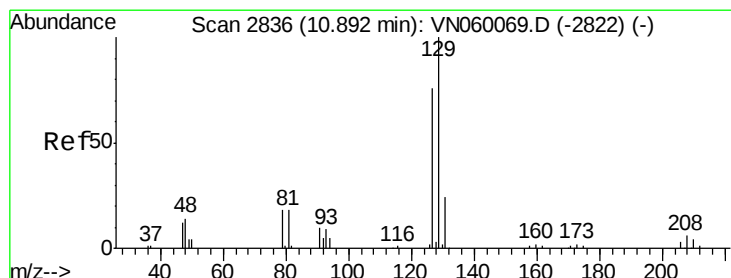
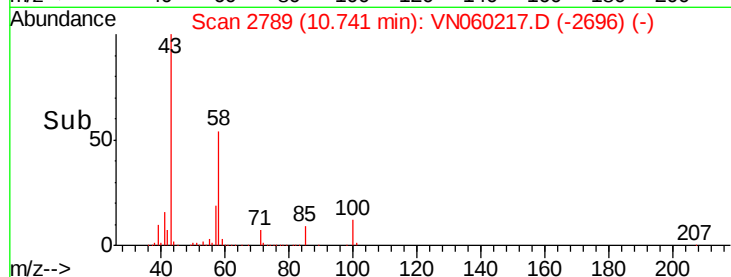
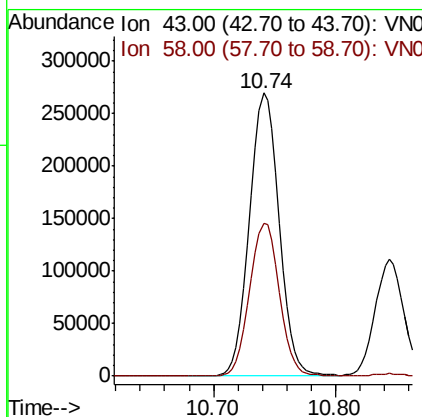
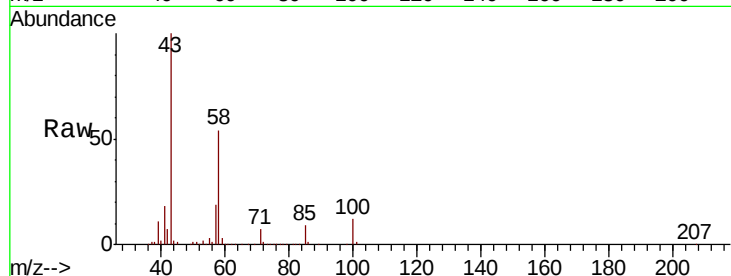




#59
2-Hexanone
Concen: 249.459 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

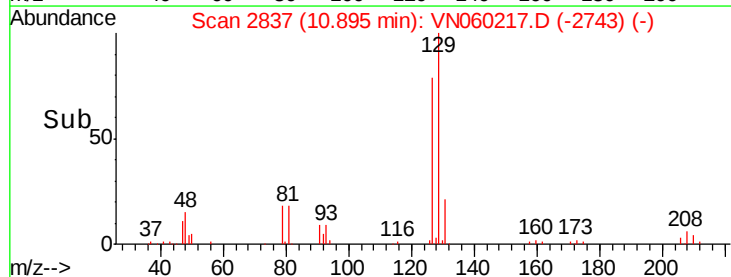
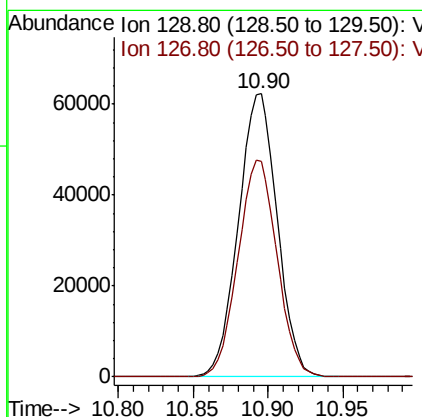
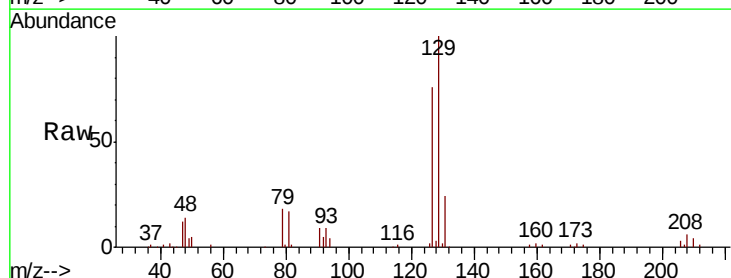
Instrument :
MSVOA_N
ClientSampled :

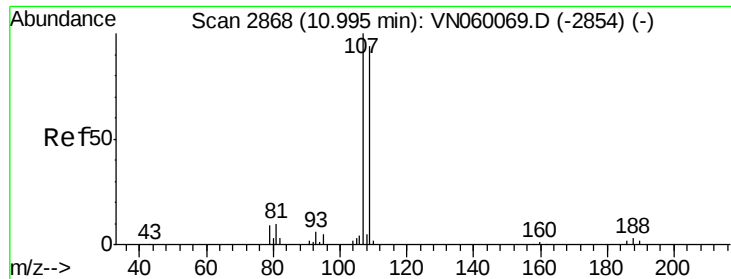
Tot Ion: 43 Resp: 451616
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4



#60
Dibromochloromethane
Concen: 50.544 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion: 129 Resp: 112810
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

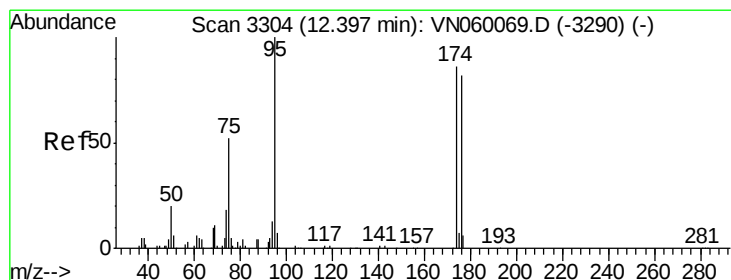
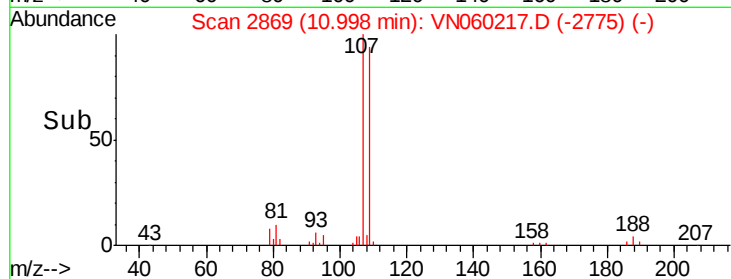
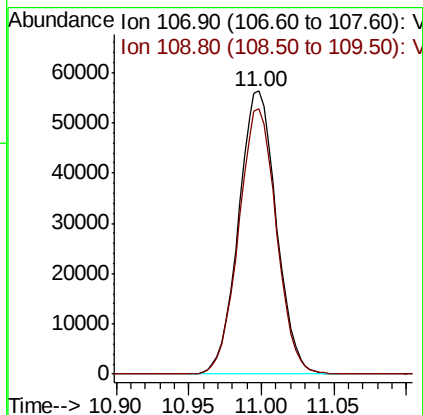
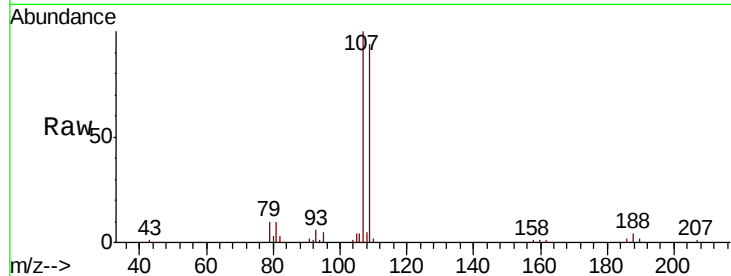




#61
 1,2-Dibromoethane
 Concen: 49.984 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

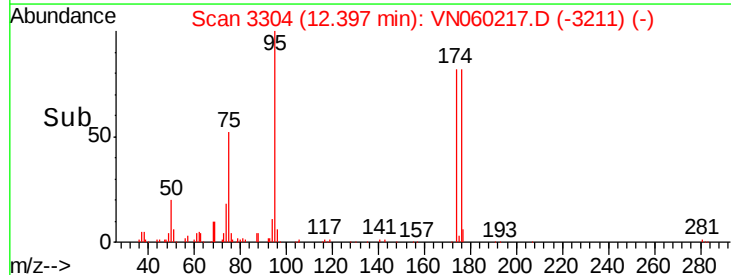
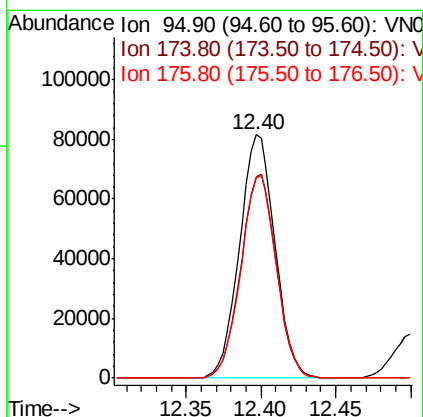
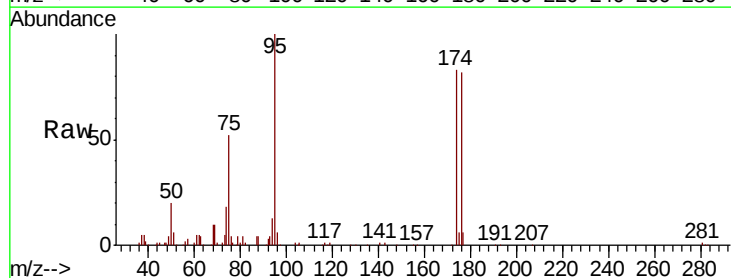
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 101910
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.300 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion: 95 Resp: 134145
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 169.8
 176 83.3 0.0 164.8

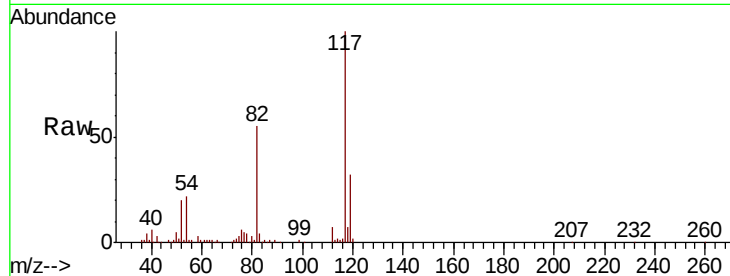




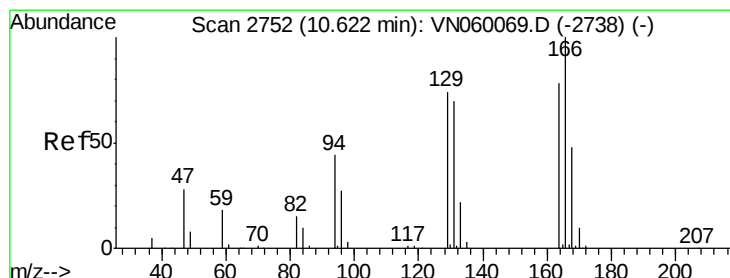
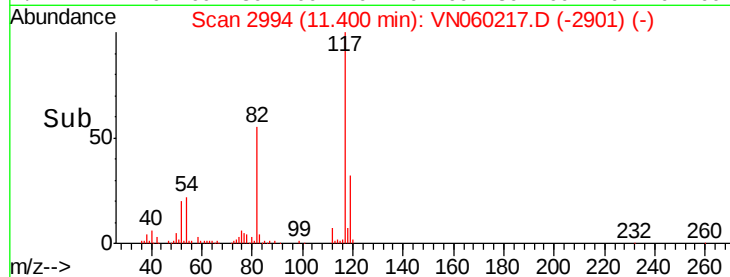
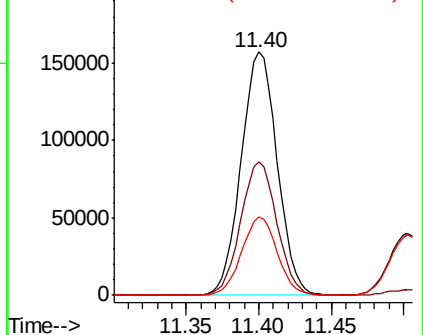
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 272694
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 25.8 38.6

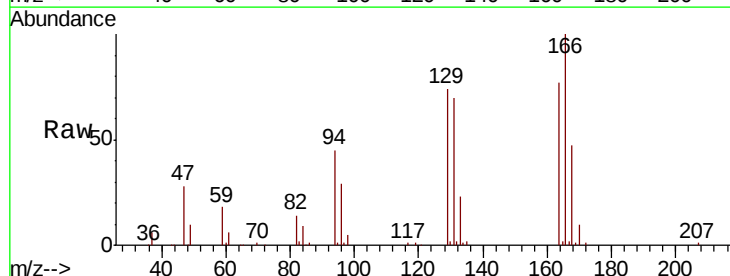


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

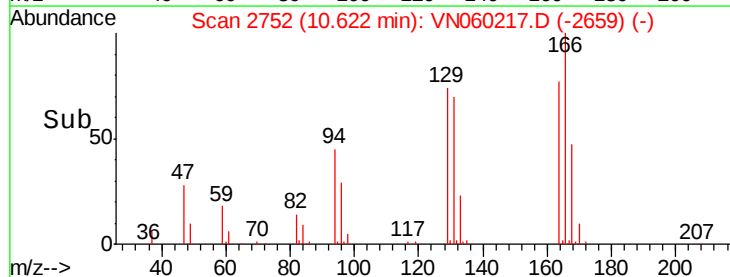
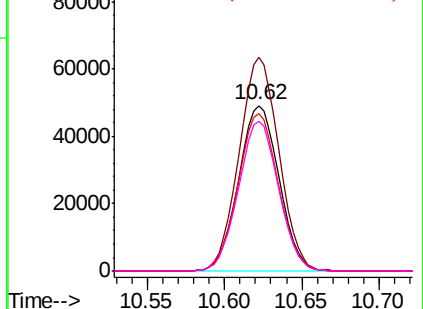


#64
Tetrachloroethene
Concen: 43.071 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:164 Resp: 89285
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 94.9 75.4 113.0
131 90.8 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

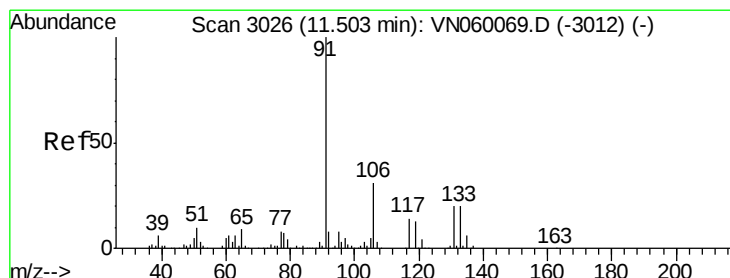
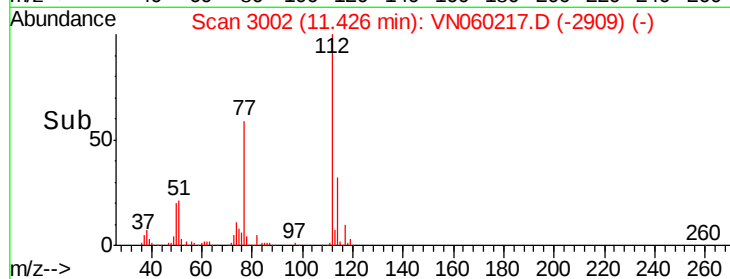
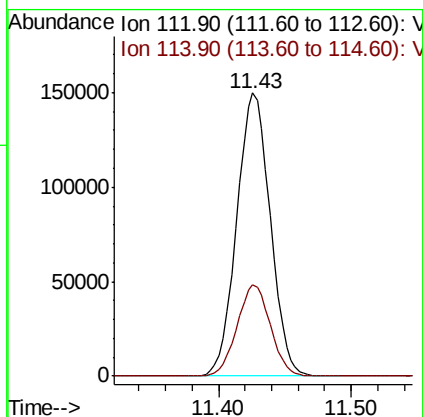
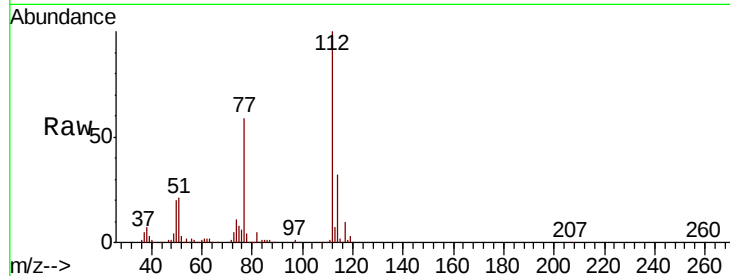




#65
Chlorobenzene
Concen: 47.369 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

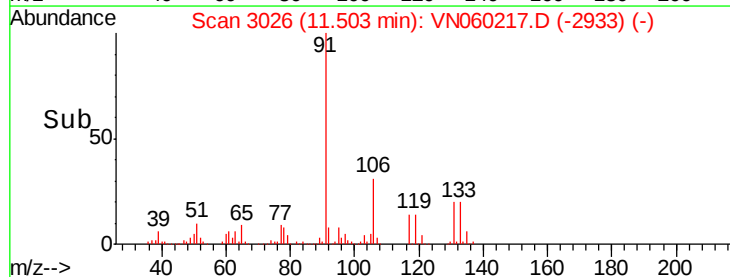
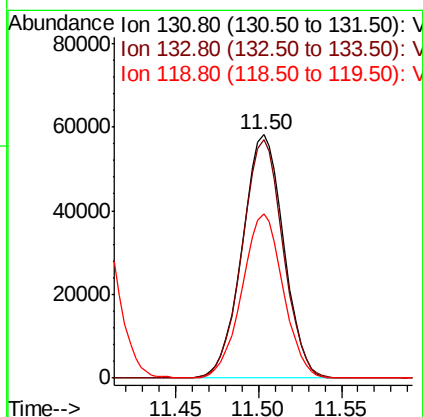
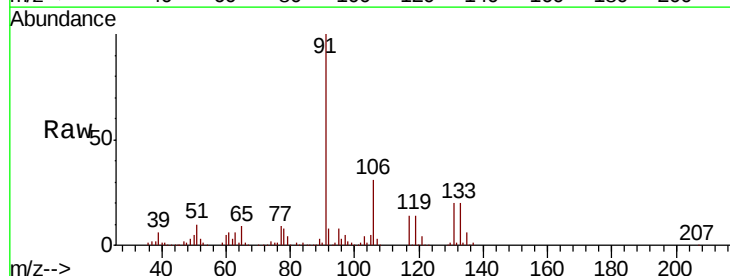
Instrument :
MSVOA_N
ClientSampleId :

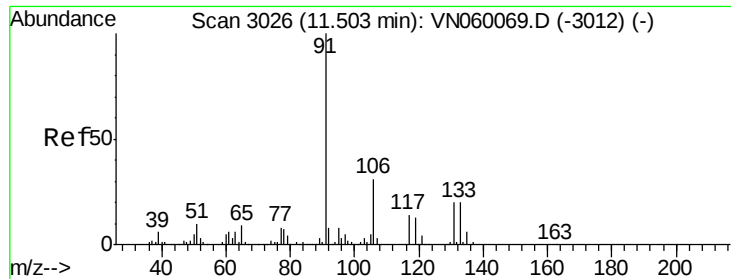
Tot Ion:112 Resp: 263171
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.067 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:131 Resp: 101022
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.7
119 66.7 32.6 97.7





#67

Ethyl Benzene

Concen: 47.705 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

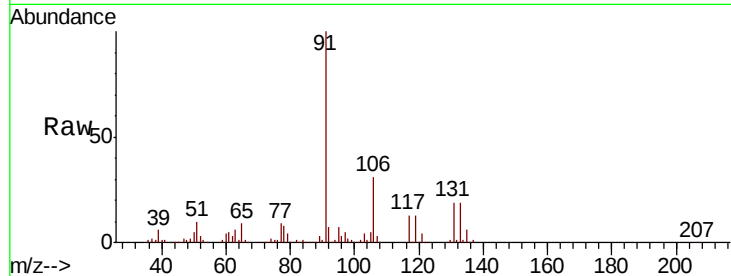
ClientSampleId :

Tot Ion: 91 Resp: 478017

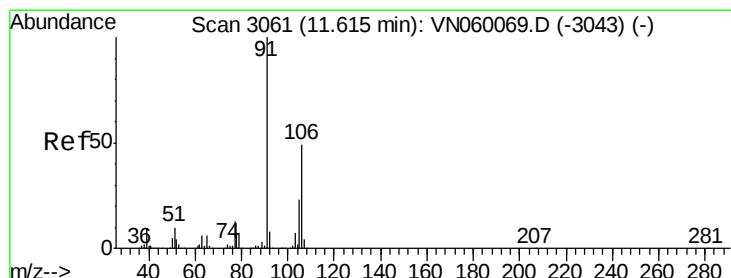
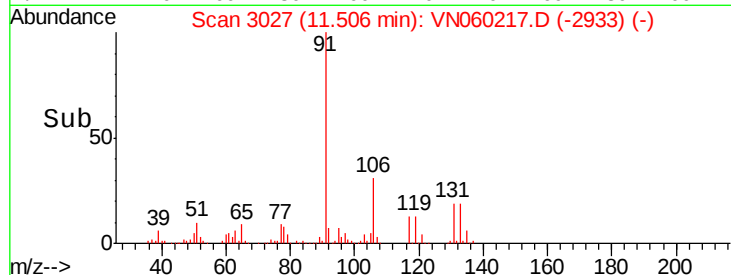
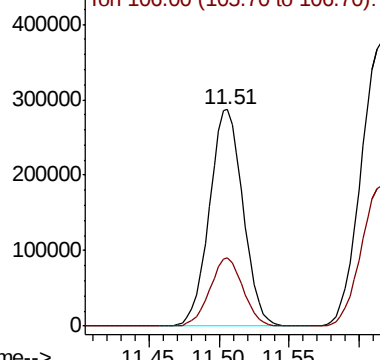
Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3012) (-)



#68

m/p-Xylenes

Concen: 95.764 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060217.D

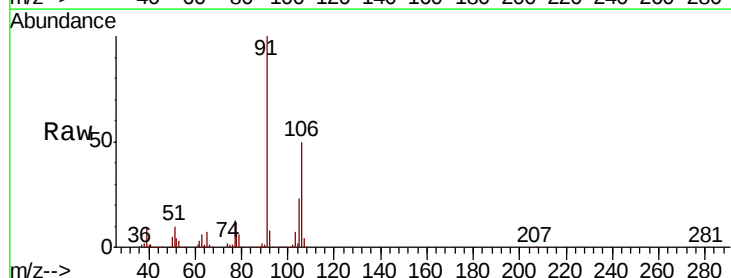
Acq: 24 Feb 2020 18:15

Tgt Ion: 106 Resp: 360143

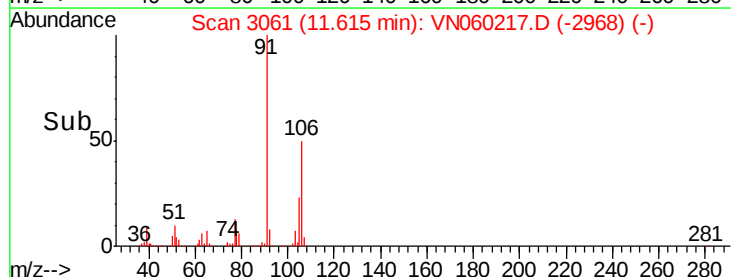
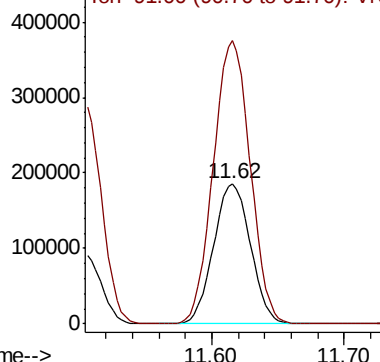
Ion Ratio Lower Upper

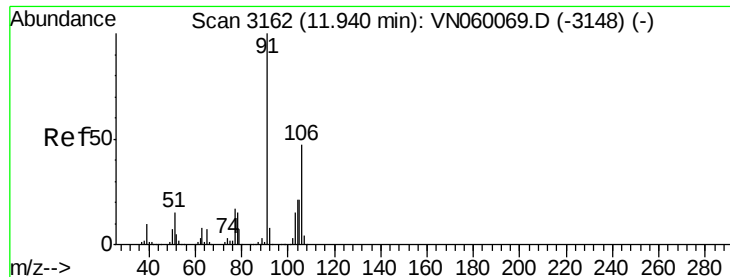
106 100

91 201.7 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): VN060069.D (-3043) (-)

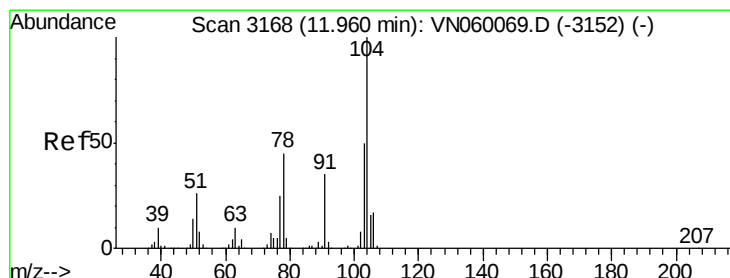
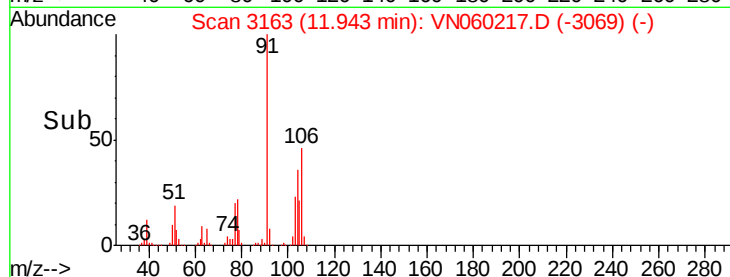
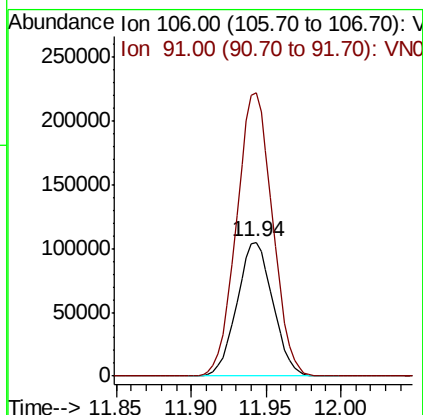
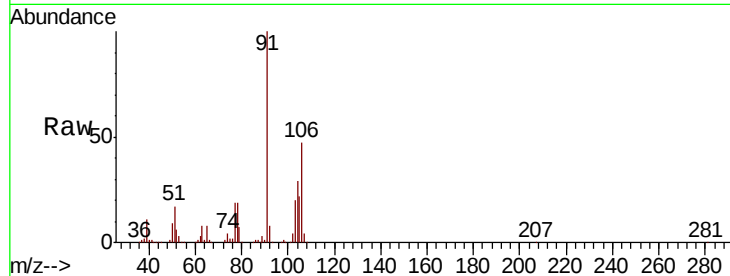




#69
o-Xylene
Concen: 48.379 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

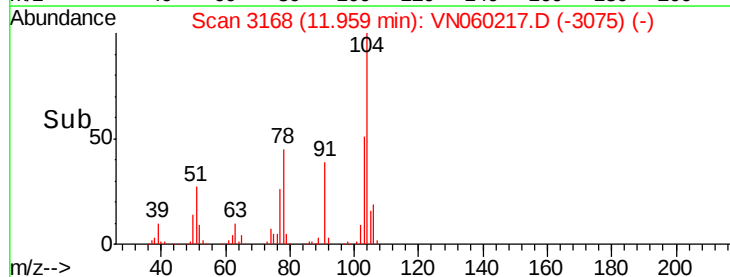
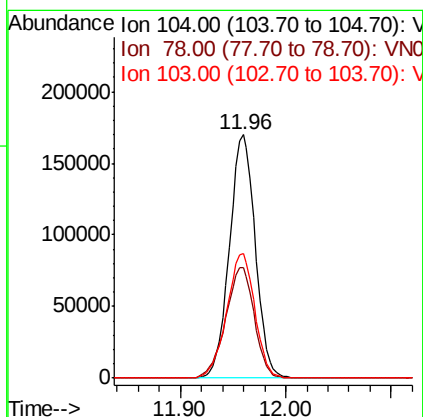
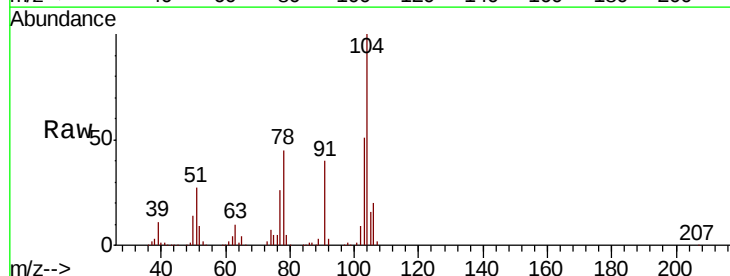
Instrument :
MSVOA_N
ClientSampled :

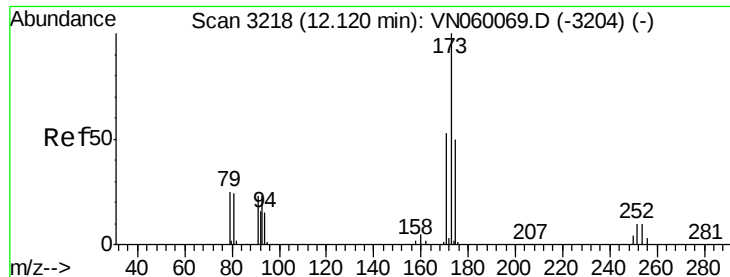
Tot Ion:106 Resp: 175178
Ion Ratio Lower Upper
106 100
91 212.2 107.2 321.6



#70
Styrene
Concen: 49.325 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:104 Resp: 288012
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 55.7 44.3 66.5





#71

Bromoform

Concen: 50.096 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

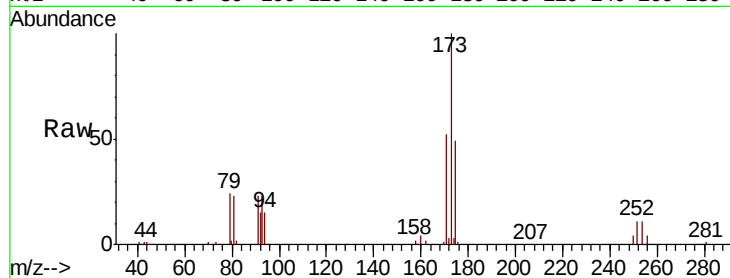
Tot Ion:173 Resp: 84684

Ion Ratio Lower Upper

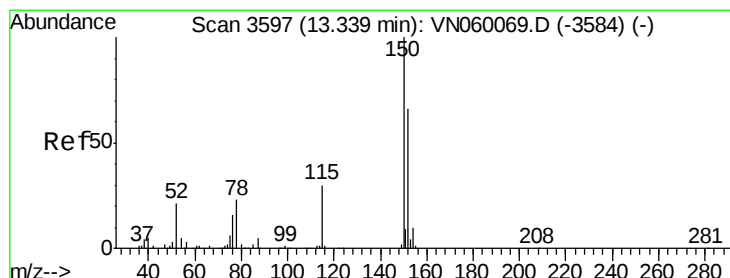
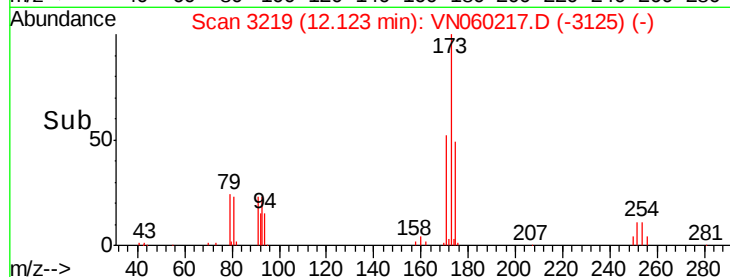
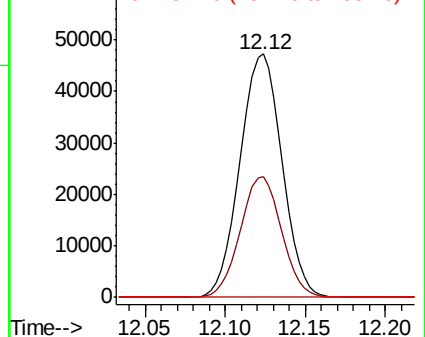
173 100

175 48.5 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: VN060217.D

Acq: 24 Feb 2020 18:15

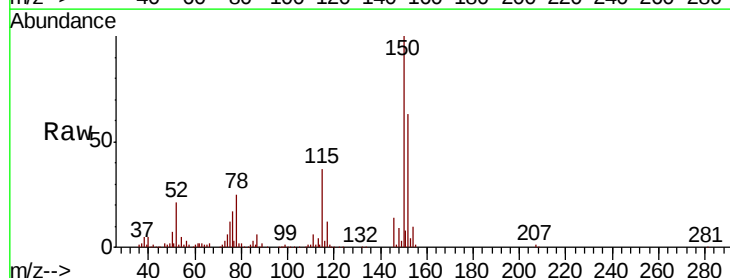
Tgt Ion:152 Resp: 139364

Ion Ratio Lower Upper

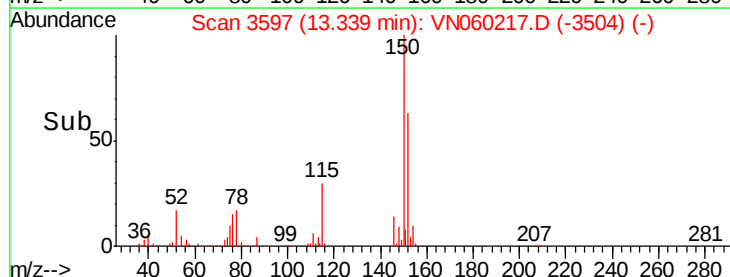
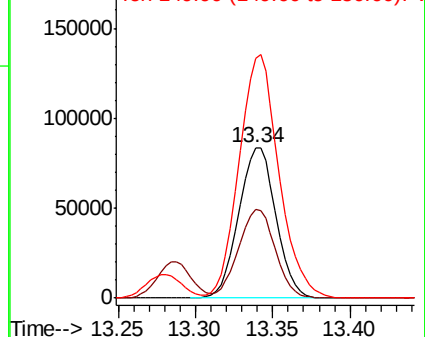
152 100

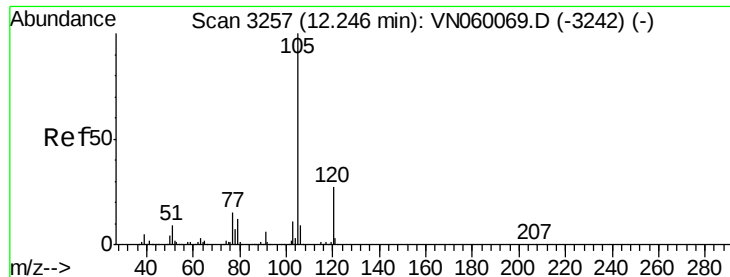
115 58.5 28.9 86.8

150 174.0 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: 45.747 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

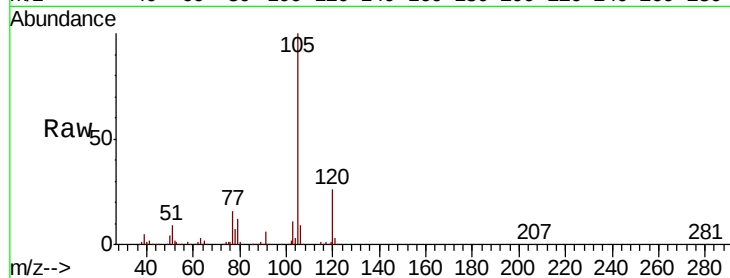
ClientSampleId :

Tot Ion:105 Resp: 476084

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

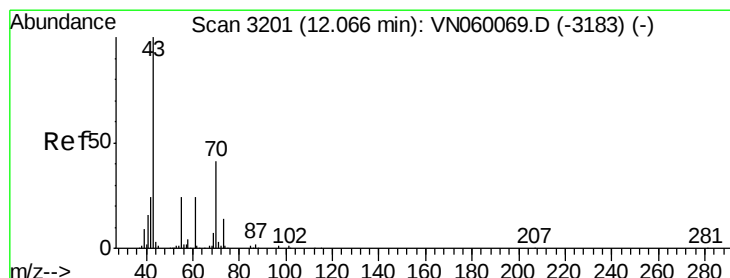
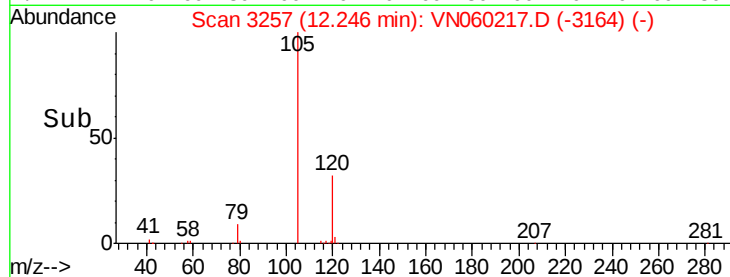
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.088 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Tgt Ion: 43 Resp: 187966

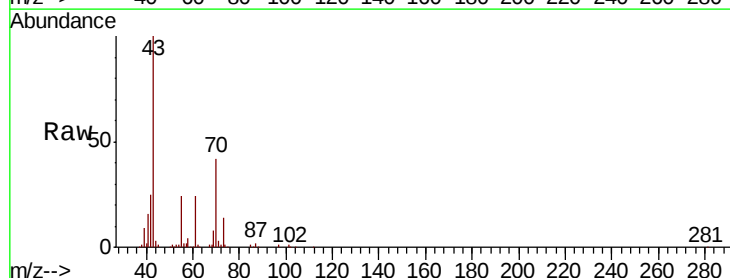
Ion Ratio Lower Upper

43 100

70 41.9 33.4 50.0

55 23.5 18.8 28.2

61 24.0 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

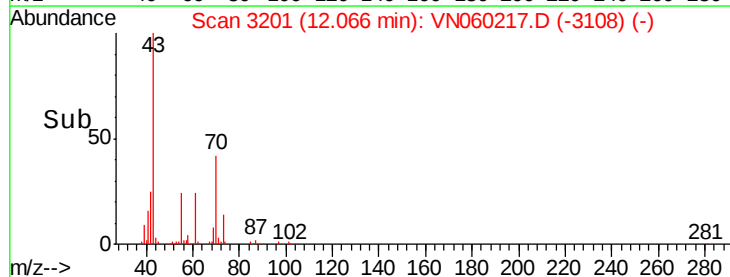
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.736 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampled :

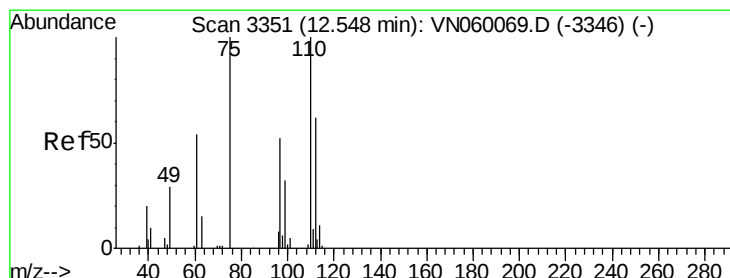
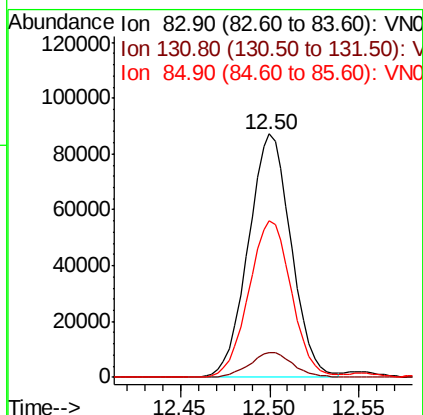
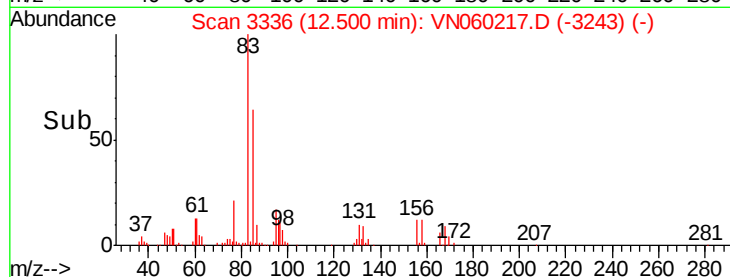
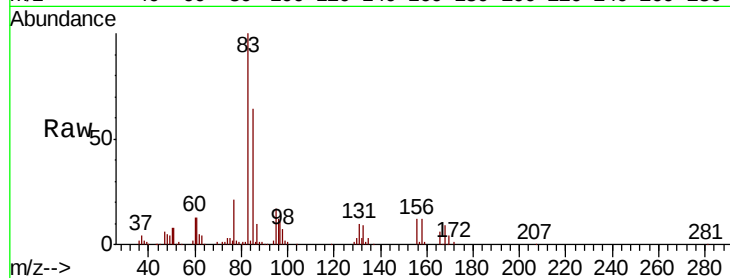
Tot Ion: 83 Resp: 145987

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 71.530 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060217.D

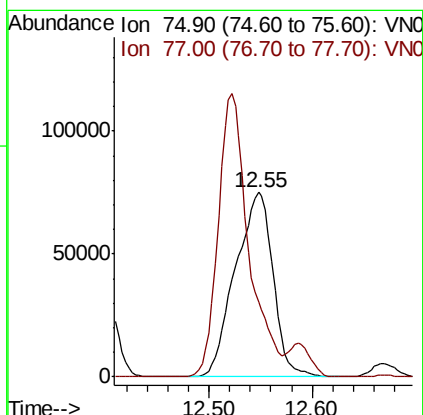
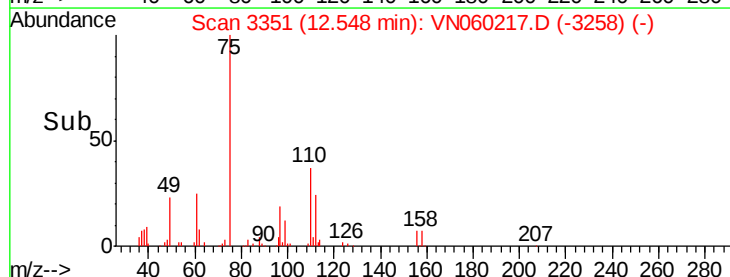
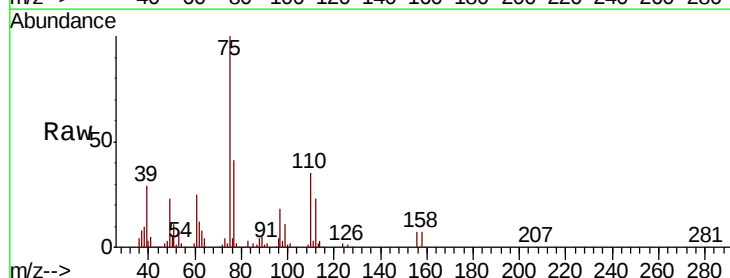
Acq: 24 Feb 2020 18:15

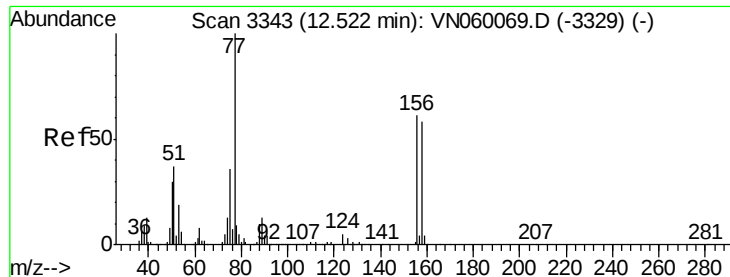
Tgt Ion: 75 Resp: 190722

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.202 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

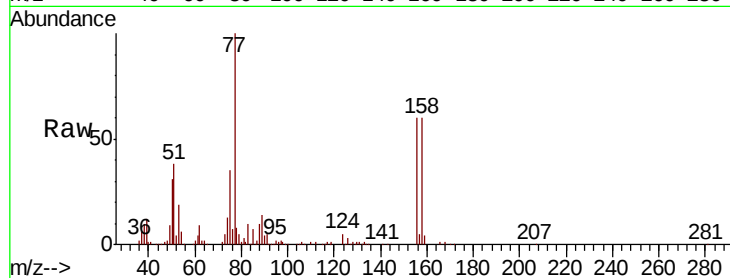
Tot Ion:156 Resp: 119326

Ion Ratio Lower Upper

156 100

77 198.3 98.7 296.1

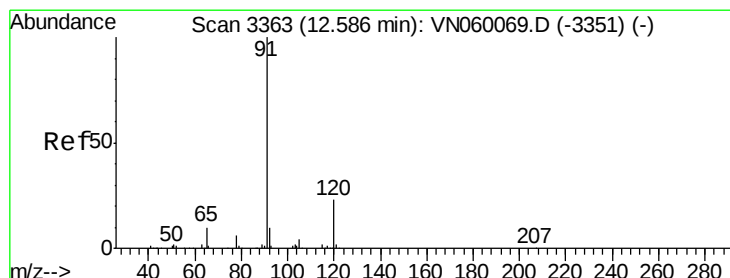
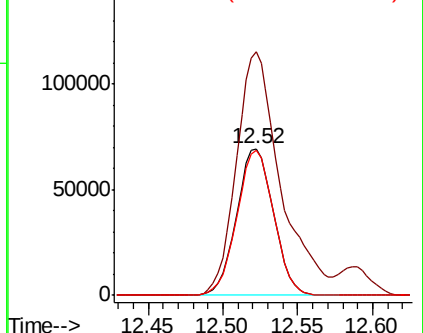
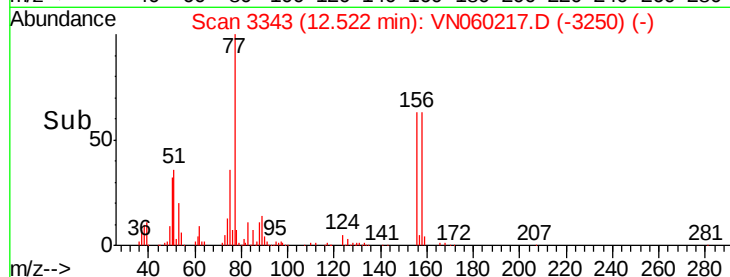
158 98.3 48.1 144.4



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: 46.158 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060217.D

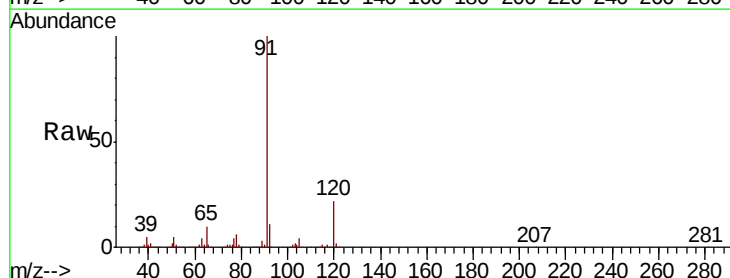
Acq: 24 Feb 2020 18:15

Tgt Ion: 91 Resp: 547293

Ion Ratio Lower Upper

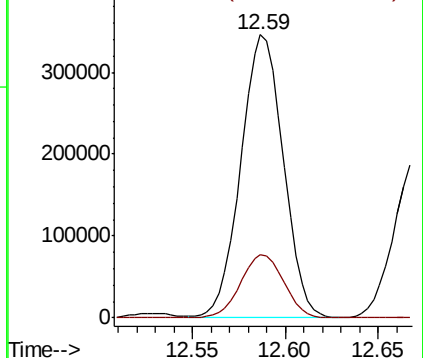
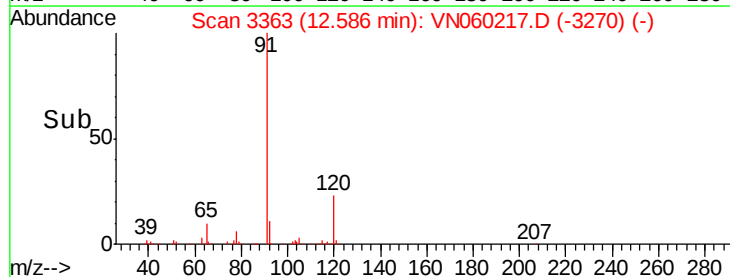
91 100

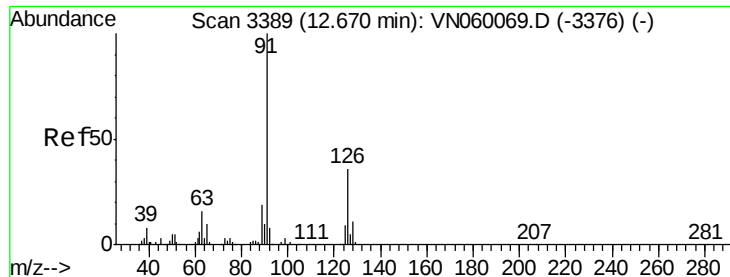
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.711 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

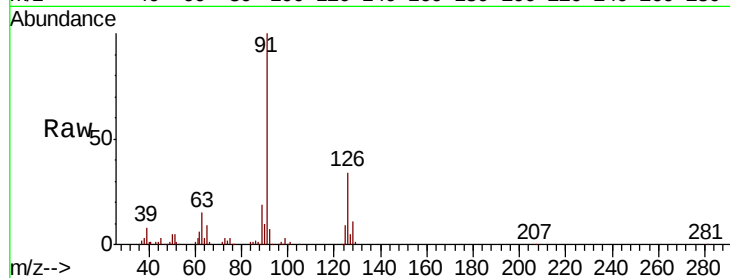
ClientSampleId :

Tot Ion: 91 Resp: 318571

Ion Ratio Lower Upper

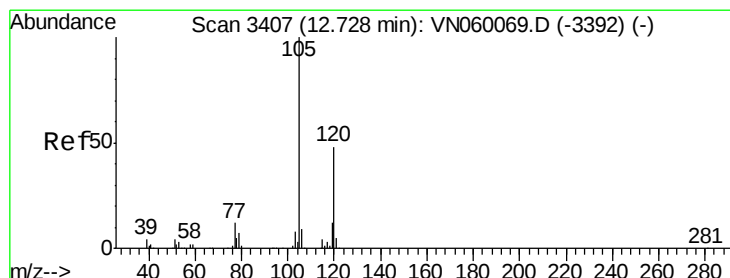
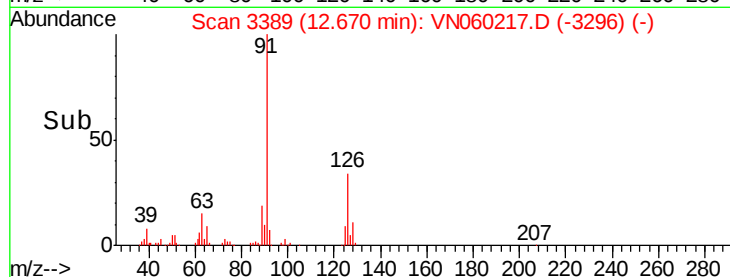
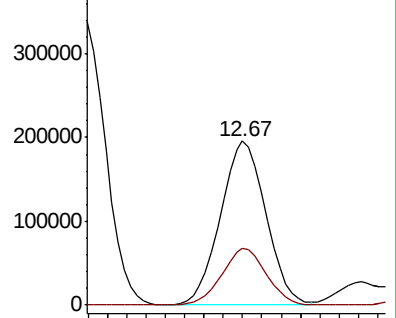
91 100

126 34.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060217.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060217.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.979 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060217.D

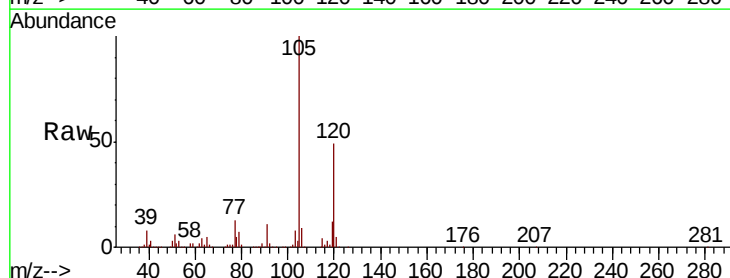
Acq: 24 Feb 2020 18:15

Tgt Ion:105 Resp: 397857

Ion Ratio Lower Upper

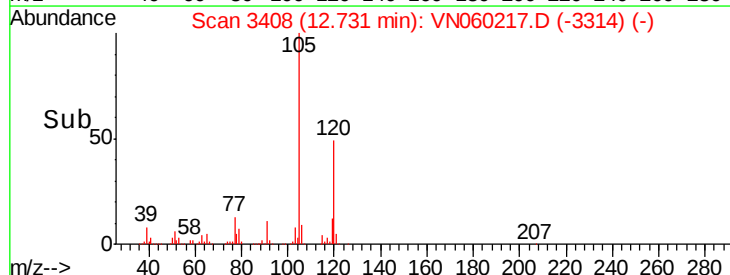
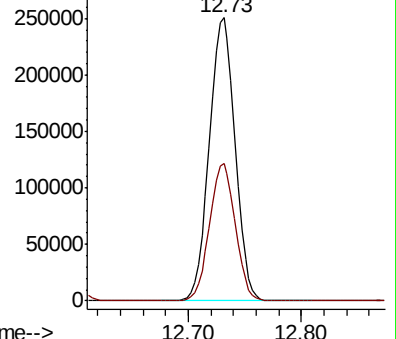
105 100

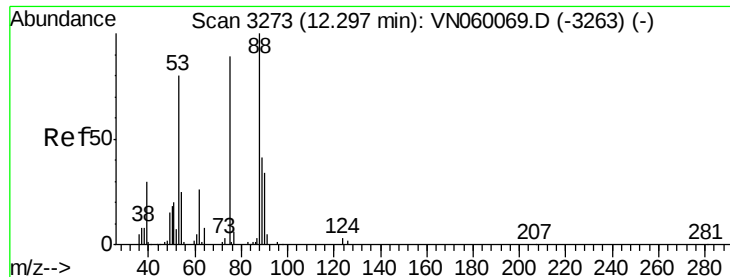
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060217.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN060217.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.688 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

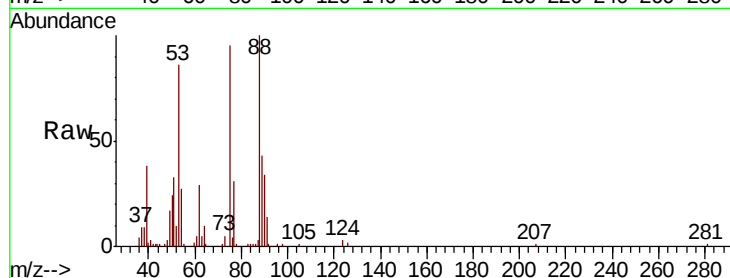
Tot Ion: 75 Resp: 53020

Ion Ratio Lower Upper

75 100

53 92.4 73.9 110.9

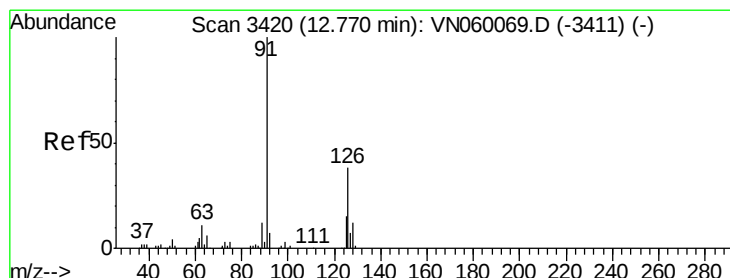
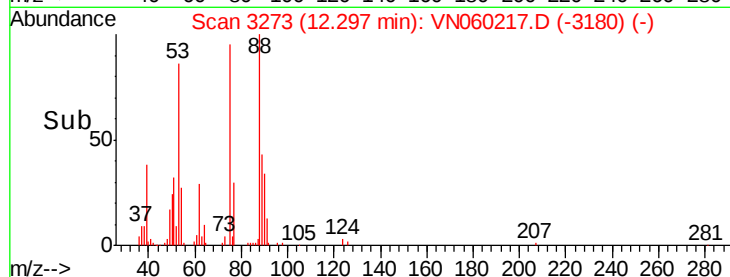
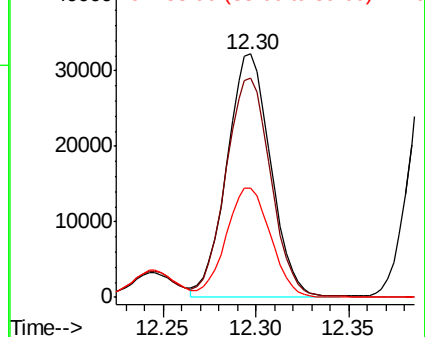
89 45.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.201 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060217.D

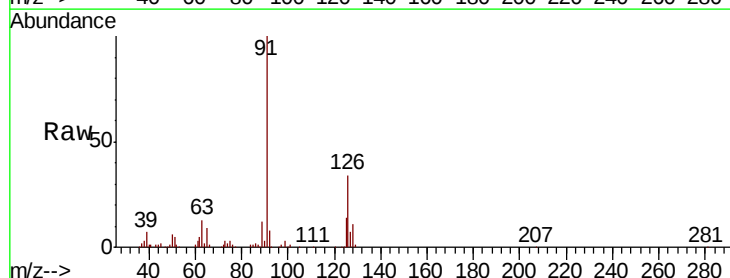
Acq: 24 Feb 2020 18:15

Tgt Ion: 91 Resp: 330344

Ion Ratio Lower Upper

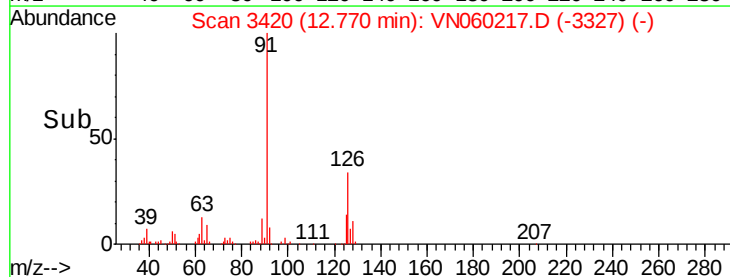
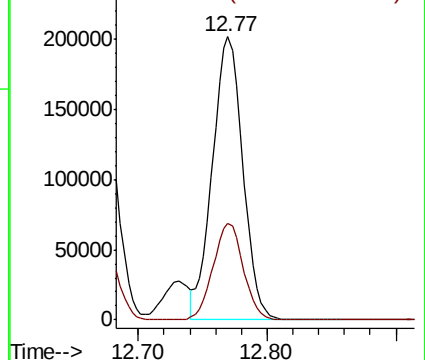
91 100

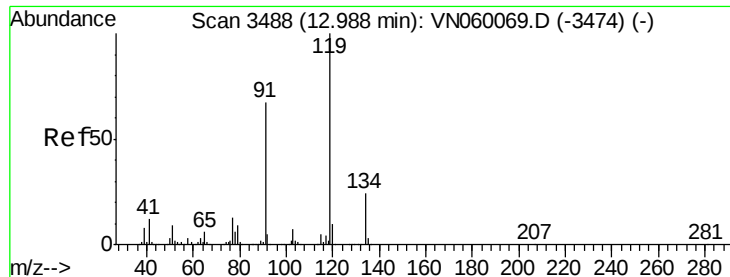
126 33.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

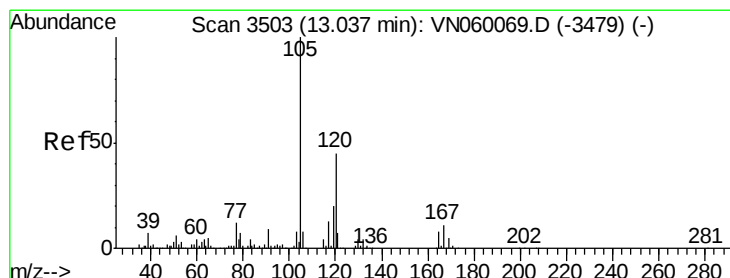
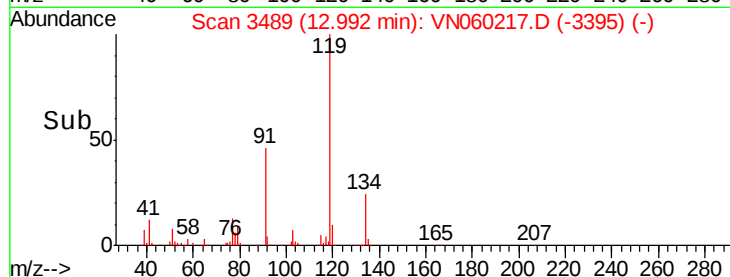
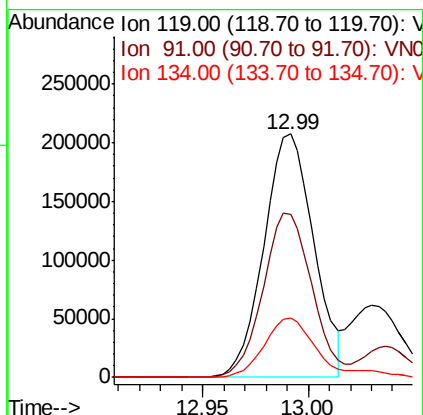
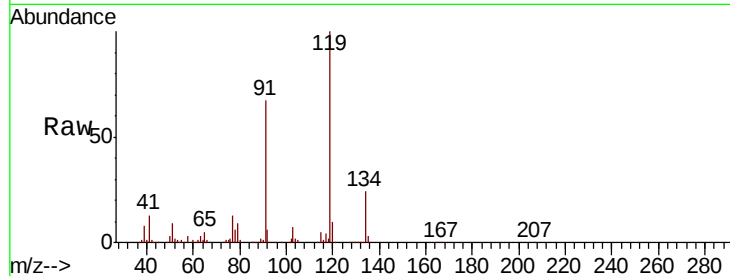




#83
tert-Butylbenzene
Concen: 44.697 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

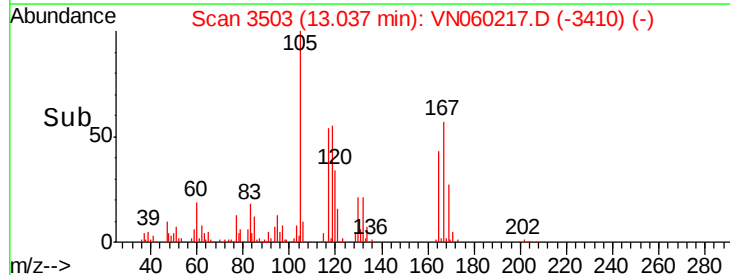
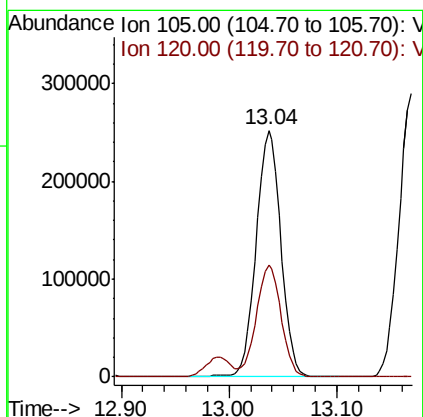
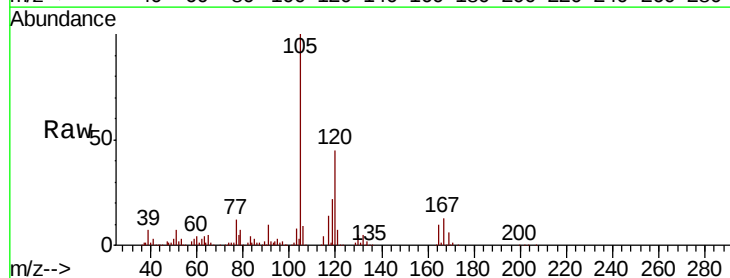
Instrument :
MSVOA_N
ClientSampled :

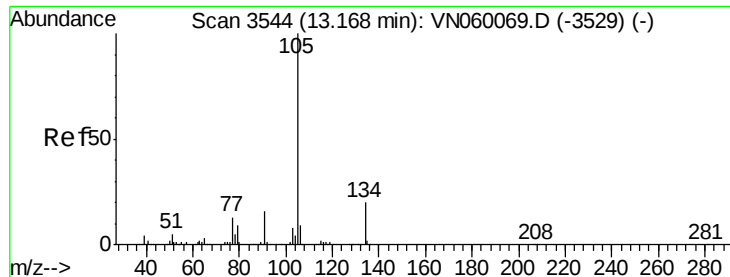
Tot Ion:119 Resp: 342137
Ion Ratio Lower Upper
119 100
91 65.9 32.7 98.1
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 46.807 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN060217.D
Acq: 24 Feb 2020 18:15

Tgt Ion:105 Resp: 399803
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 45.413 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

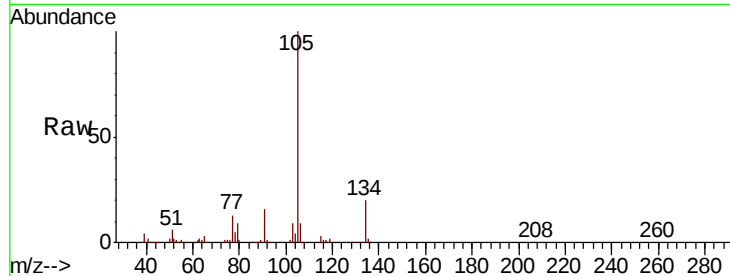
ClientSampleId :

Tot Ion:105 Resp: 460369

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

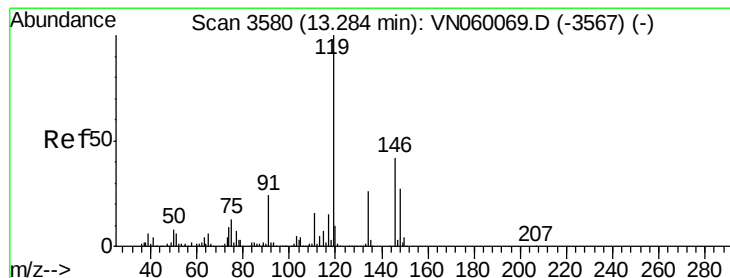
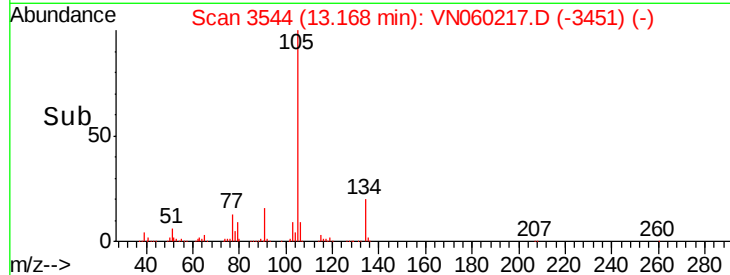
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 46.322 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

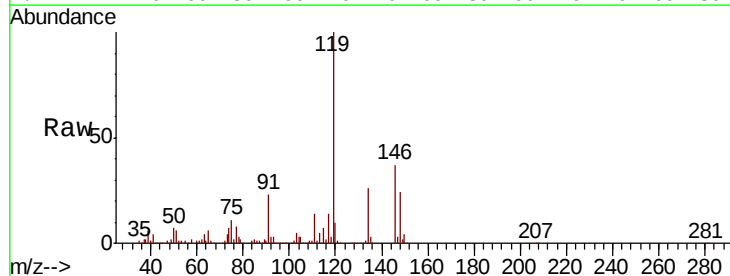
Tgt Ion:119 Resp: 425457

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 23.5 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

13.29

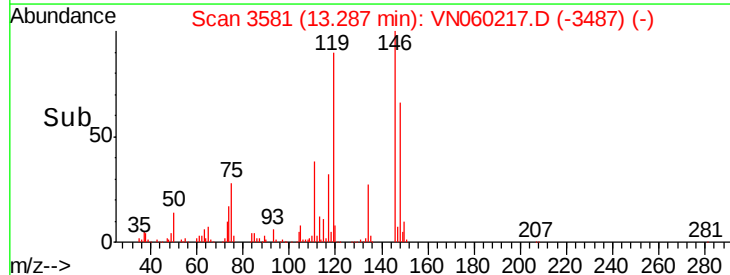
300000

200000

100000

0

Time-->

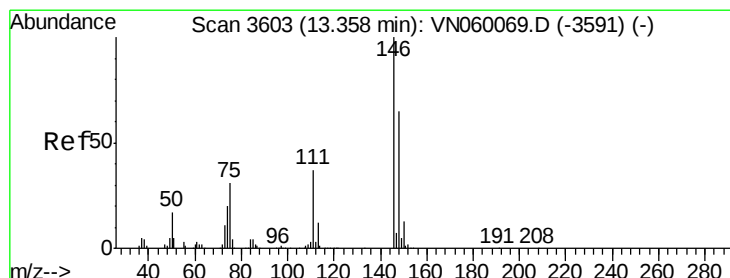
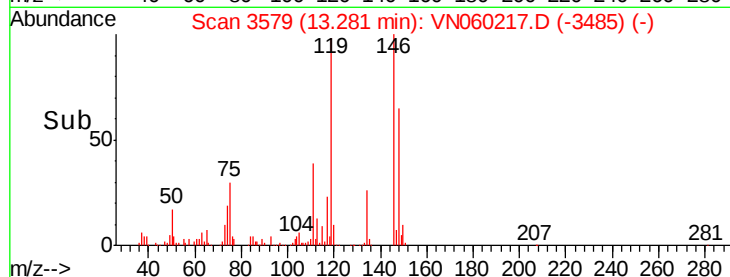
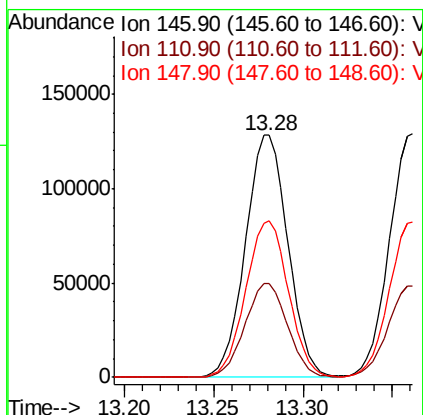
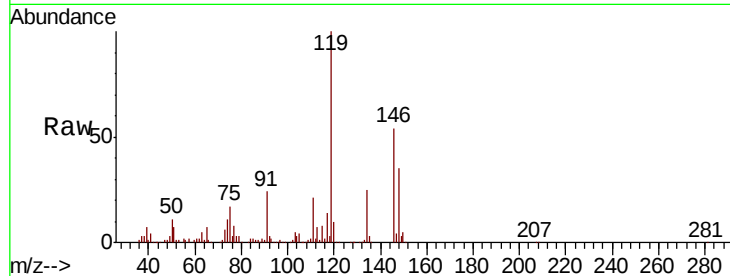




#87
 1,3-Dichlorobenzene
 Concen: 46.718 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

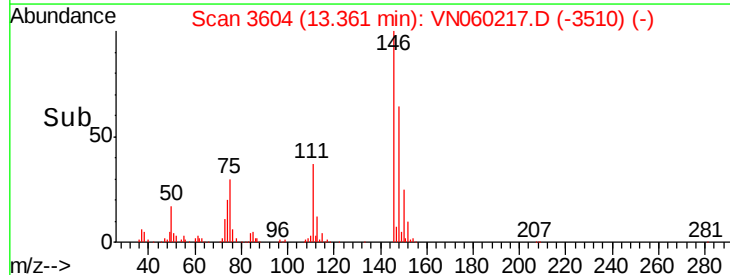
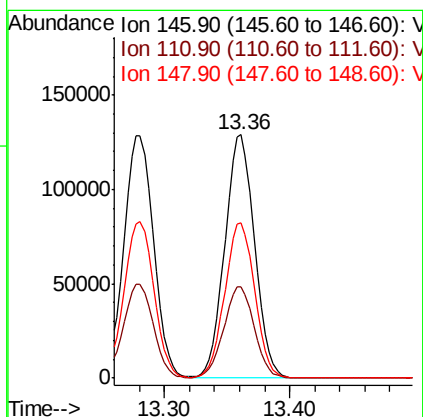
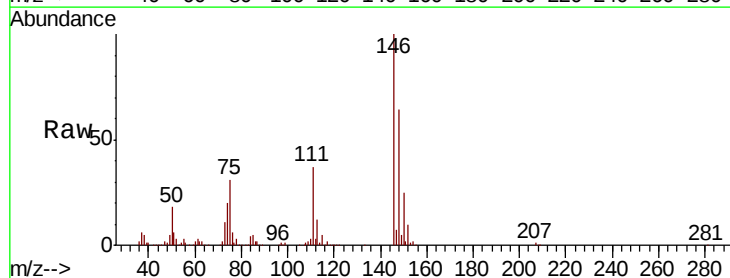
Instrument :
 MSVOA_N
 ClientSampleId :

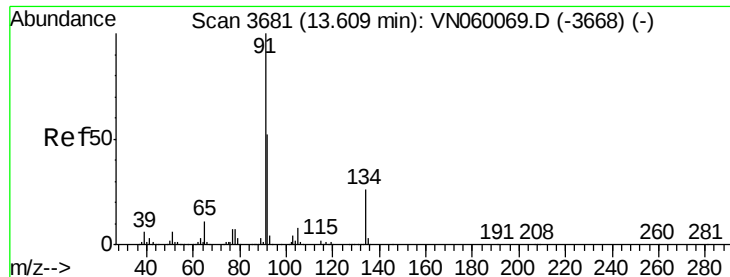
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	64.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.455 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	64.3	32.0	96.0





#89

n-Butylbenzene

Concen: 45.927 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampled :

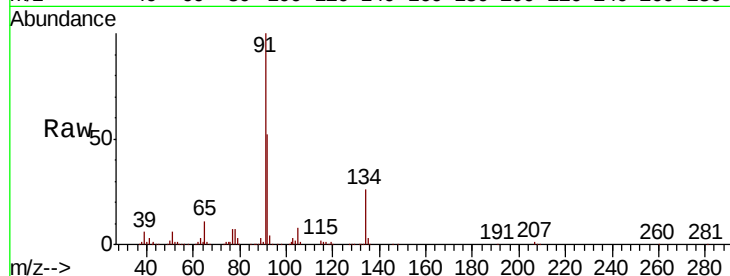
Tot Ion: 91 Resp: 371025

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

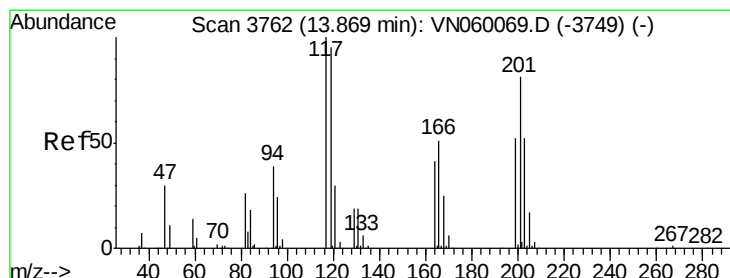
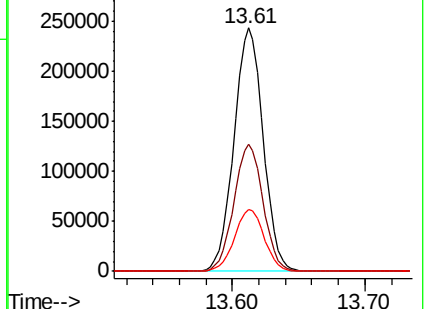
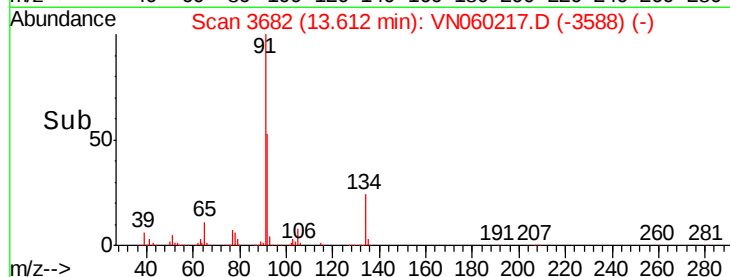
134 25.8 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#90

Hexachloroethane

Concen: 45.469 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060217.D

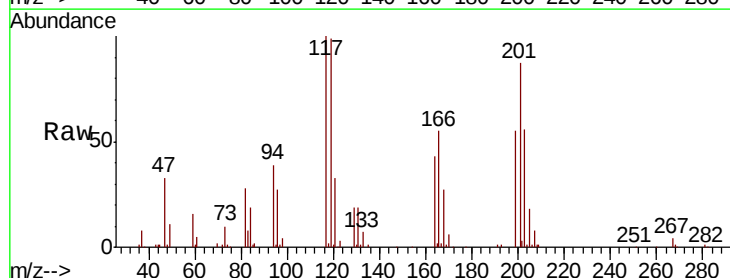
Acq: 24 Feb 2020 18:15

Tgt Ion: 117 Resp: 78019

Ion Ratio Lower Upper

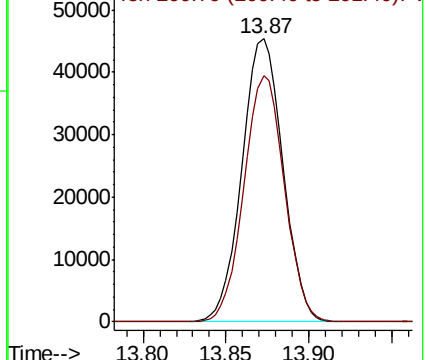
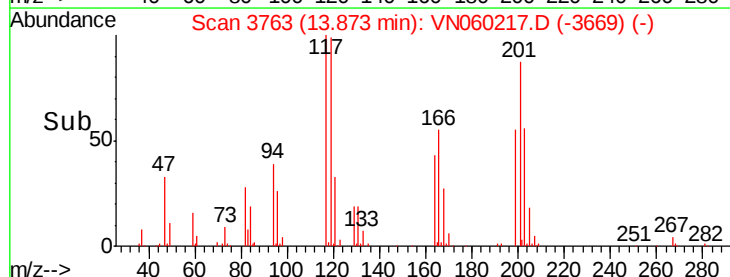
117 100

201 85.8 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 46.506 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060217.D

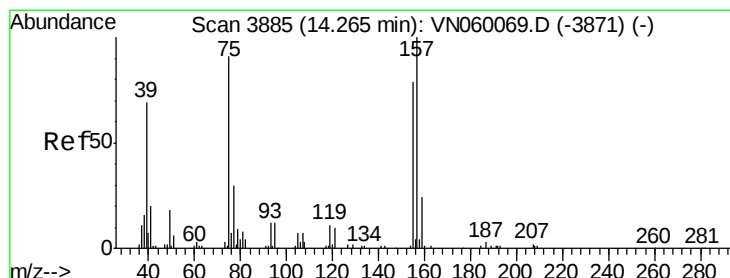
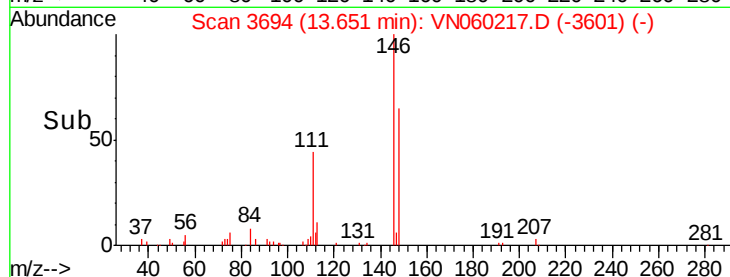
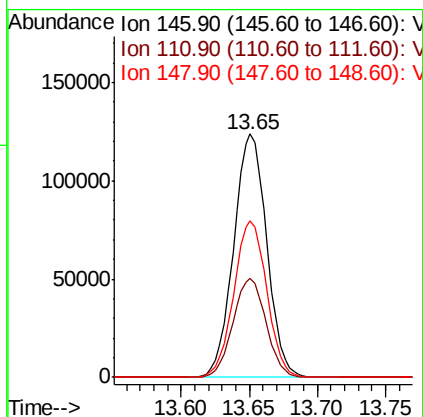
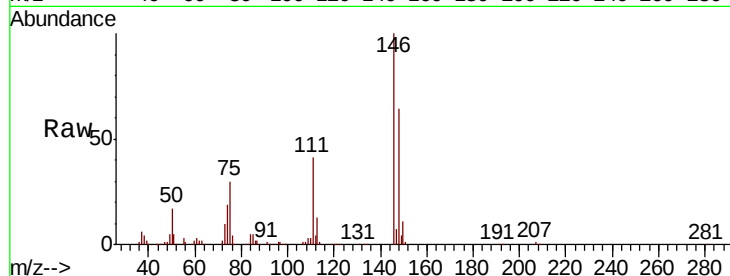
Acq: 24 Feb 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	208068
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.2	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.118 ug/l

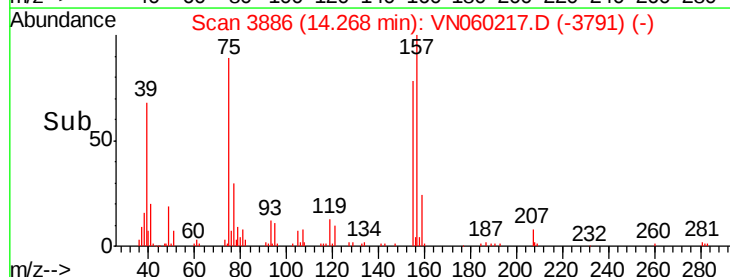
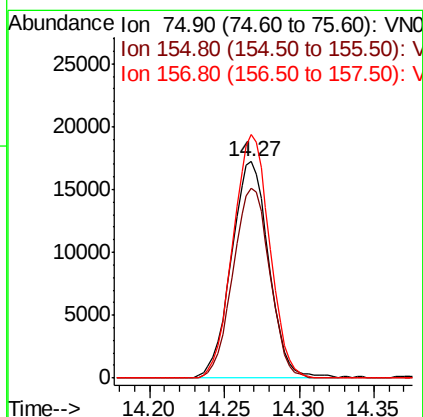
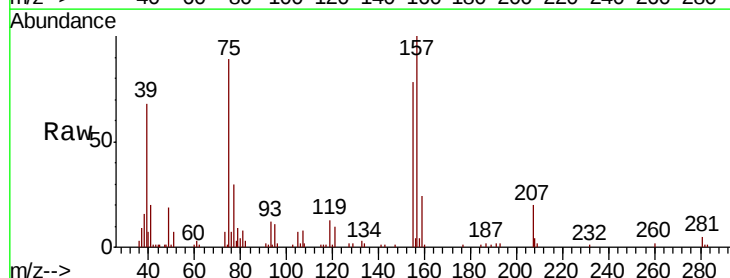
RT: 14.27 min Scan# 3886

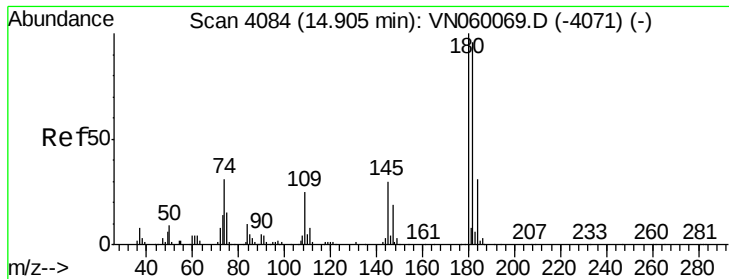
Delta R.T. 0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Tgt Ion:	75	Resp:	30039
Ion	Ratio	Lower	Upper
75	100		
155	85.8	43.0	129.0
157	109.9	54.9	164.5

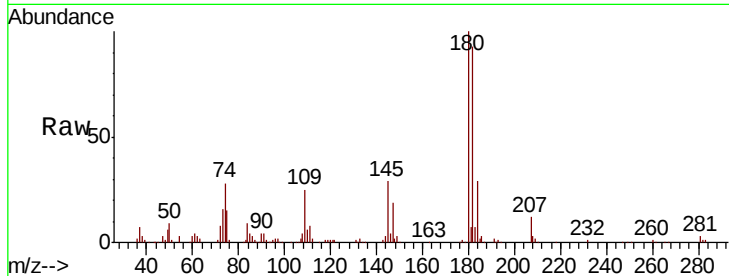




#93
 1,2,4-Trichlorobenzene
 Concen: 48.983 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.8
145	29.2	15.2	45.5

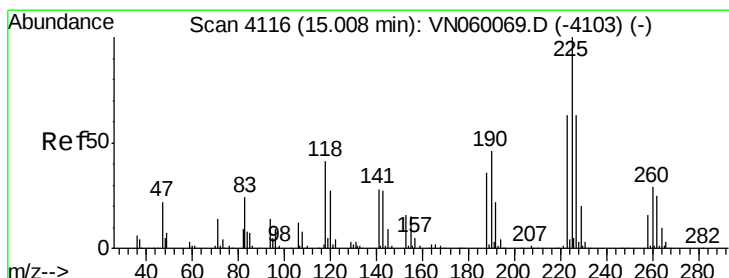
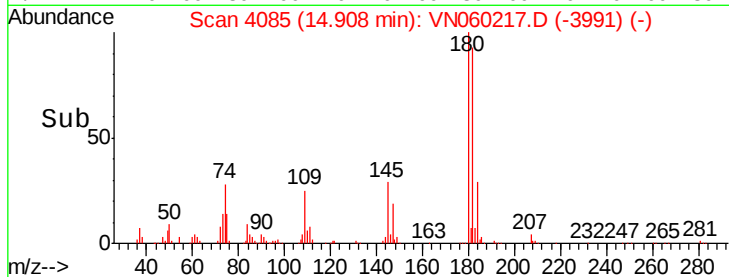
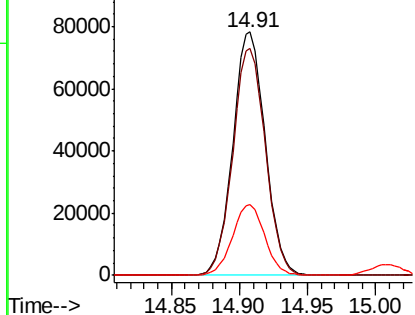


Abundance

Ion 179.80 (179.50 to 180.50): V

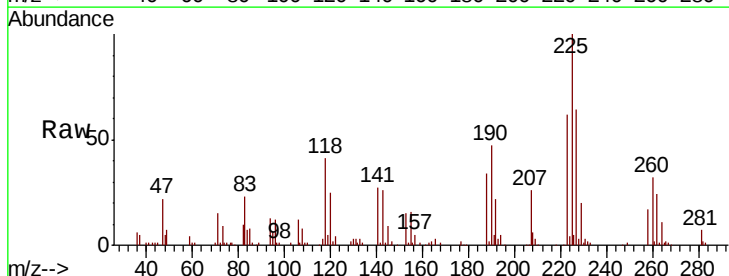
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.248 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060217.D
 Acq: 24 Feb 2020 18:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.5	94.5
227	64.1	31.8	95.4

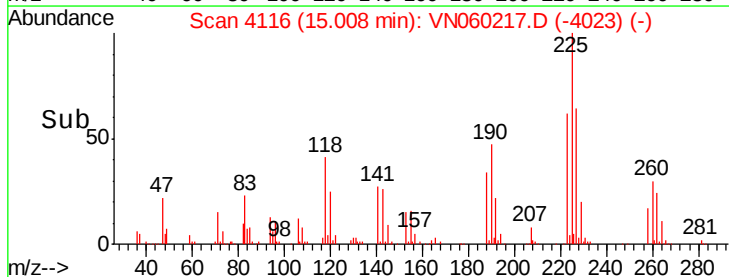
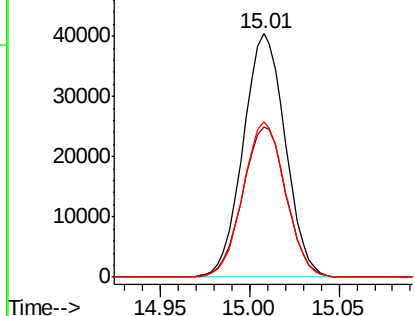


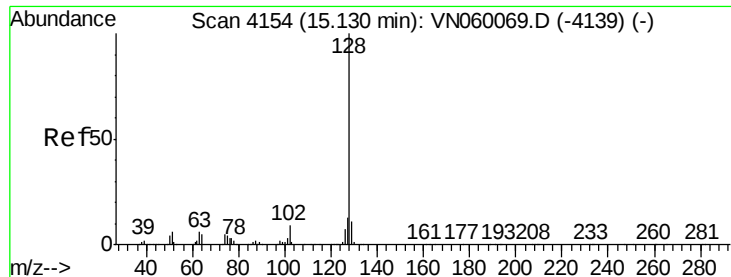
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.828 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060217.D

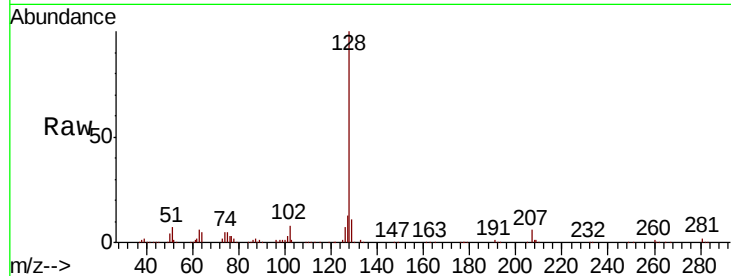
Acq: 24 Feb 2020 18:15

Instrument :

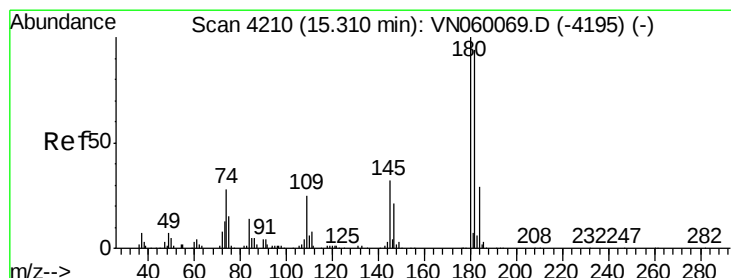
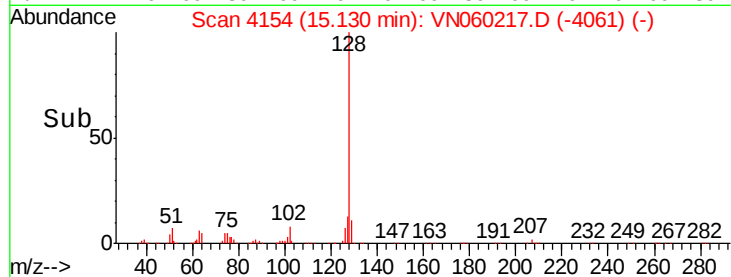
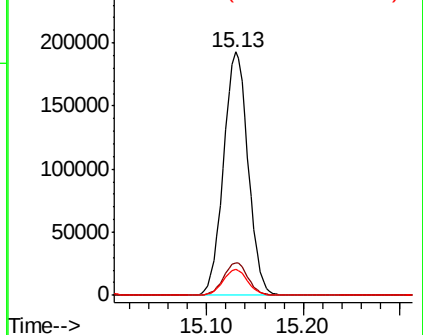
MSVOA_N

ClientSampled :

Tot Ion:128	Resp:	339634
Ion	Ratio	Lower Upper
128	100	
127	13.2	10.3 15.5
129	10.7	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: 47.358 ug/l

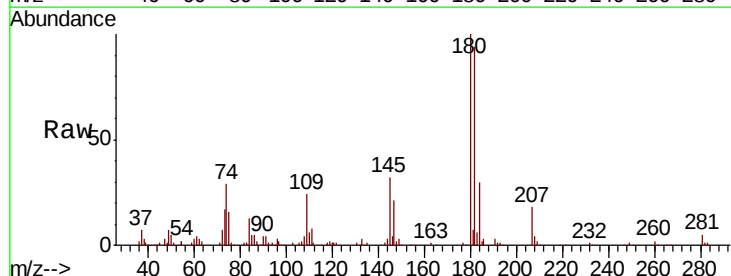
RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060217.D

Acq: 24 Feb 2020 18:15

Tgt Ion:180	Resp:	123977
Ion	Ratio	Lower Upper
180	100	
182	93.4	47.5 142.5
145	31.7	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

