

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060258.D
 Acq On : 26 Feb 2020 17:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 27 04:35:56 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	204393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	334938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139940	56.27	ug/l	0.00
Spiked Amount						
			Recovery	=	112.54%	
35) Dibromofluoromethane	7.57	113	95138	46.21	ug/l	0.00
Spiked Amount						
			Recovery	=	92.42%	
50) Toluene-d8	10.08	98	412490	50.88	ug/l	0.00
Spiked Amount						
			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	159807	53.64	ug/l	0.00
Spiked Amount						
			Recovery	=	107.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95714	46.849	ug/l	99
3) Chloromethane	2.04	50	173361	71.304	ug/l	100
4) Vinyl Chloride	2.16	62	142737	51.506	ug/l	99
5) Bromomethane	2.54	94	47850	28.159	ug/l	99
6) Chloroethane	2.68	64	75157	53.619	ug/l	96
7) Trichlorofluoromethane	3.00	101	179009	50.101	ug/l	99
8) Diethyl Ether	3.39	74	67697	56.919	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	100345	50.585	ug/l	97
10) Methyl Iodide	3.93	142	89426	34.363	ug/l	98
11) Tert butyl alcohol	4.73	59	105904	284.547	ug/l	100
12) 1,1-Dichloroethene	3.72	96	101250	52.394	ug/l	96
13) Acrolein	3.58	56	95795	260.396	ug/l	96
14) Allyl chloride	4.30	41	171299	60.226	ug/l	92
15) Acrylonitrile	4.94	53	282519	310.828	ug/l	100
16) Acetone	3.78	43	238577	219.914	ug/l	96
17) Carbon Disulfide	4.03	76	274198	47.075	ug/l	98
18) Methyl Acetate	4.29	43	146438	71.856	ug/l	96
19) Methyl tert-butyl Ether	5.01	73	366274	56.361	ug/l	98
20) Methylene Chloride	4.52	84	116306	53.736	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	108474	51.494	ug/l	96
22) Diisopropyl ether	5.92	45	375545	60.246	ug/l	93
23) Vinyl Acetate	5.86	43	1558440	297.713	ug/l	97
24) 1,1-Dichloroethane	5.82	63	212090	56.165	ug/l	98
25) 2-Butanone	6.80	43	376191	275.717	ug/l	93
26) 2,2-Dichloropropane	6.80	77	178263	49.701	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	128533	52.137	ug/l	97
28) Bromochloromethane	7.17	49	82169	55.349	ug/l	89
29) Tetrahydrofuran	7.18	42	253491	302.842	ug/l	94
30) Chloroform	7.35	83	210400	53.190	ug/l	98
31) Cyclohexane	7.63	56	185293	52.675	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	187412	51.846	ug/l	99
36) 1,1-Dichloropropene	7.77	75	156044	50.299	ug/l	98
37) Ethyl Acetate	6.90	43	159567	56.911	ug/l	99
38) Carbon Tetrachloride	7.75	117	157533	46.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	180525	46.877	ug/l	94
40) Benzene	8.02	78	464083	50.429	ug/l	99
41) Methacrylonitrile	7.18	41	232705	197.907	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	169073	52.419	ug/l	99
43) Isopropyl Acetate	8.14	43	276671	57.726	ug/l	97
44) Trichloroethene	8.82	130	127237	49.933	ug/l	95
45) 1,2-Dichloropropane	9.10	63	124855	54.801	ug/l	98
46) Dibromomethane	9.19	93	79743	49.528	ug/l	98
47) Bromodichloromethane	9.39	83	164093	50.130	ug/l	97
48) Methyl methacrylate	9.18	41	124217	57.765	ug/l	94
49) 1,4-Dioxane	9.18	88	36144	983.736	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	813457	293.223	ug/l	98
52) Toluene	10.14	92	293241	49.691	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	192668	52.145	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	202865	52.141	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	117227	50.918	ug/l	98
56) Ethyl methacrylate	10.42	69	181523	55.736	ug/l	96
57) 1,3-Dichloropropane	10.70	76	197449	51.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	457843	301.755	ug/l	96
59) 2-Hexanone	10.74	43	606871	283.189	ug/l	97
60) Dibromochloromethane	10.89	129	124925	47.285	ug/l	100
61) 1,2-Dibromoethane	11.00	107	120034	49.736	ug/l	99
64) Tetrachloroethene	10.62	164	129205	54.171	ug/l	97
65) Chlorobenzene	11.43	112	309974	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	117797	48.713	ug/l	99
67) Ethyl Benzene	11.51	91	575279	49.899	ug/l	99
68) m/p-Xylenes	11.62	106	429472	99.254	ug/l	98
69) o-Xylene	11.94	106	209246	50.225	ug/l	98
70) Styrene	11.96	104	349151	51.970	ug/l	99
71) Bromoform	12.12	173	88469	45.486	ug/l #	99
73) Isopropylbenzene	12.25	105	564268	46.696	ug/l	99
74) N-amyl acetate	12.07	43	253436	58.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	161873	46.540	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	233849	75.533	ug/l #	100
77) Bromobenzene	12.52	156	138200	46.084	ug/l	93
78) n-propylbenzene	12.59	91	663400	48.186	ug/l	99
79) 2-Chlorotoluene	12.67	91	386380	47.747	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	481998	47.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	64317	50.866	ug/l	99
82) 4-Chlorotoluene	12.77	91	404727	48.749	ug/l	97
83) tert-Butylbenzene	12.99	119	413692	46.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	484412	48.842	ug/l	100
85) sec-Butylbenzene	13.17	105	559396	47.524	ug/l	99
86) p-Isopropyltoluene	13.28	119	508530	47.683	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	250112	47.117	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	250099	47.124	ug/l	99
89) n-Butylbenzene	13.61	91	468690	49.965	ug/l	99
90) Hexachloroethane	13.87	117	72290	36.283	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	241590	46.505	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36322	49.100	ug/l	96

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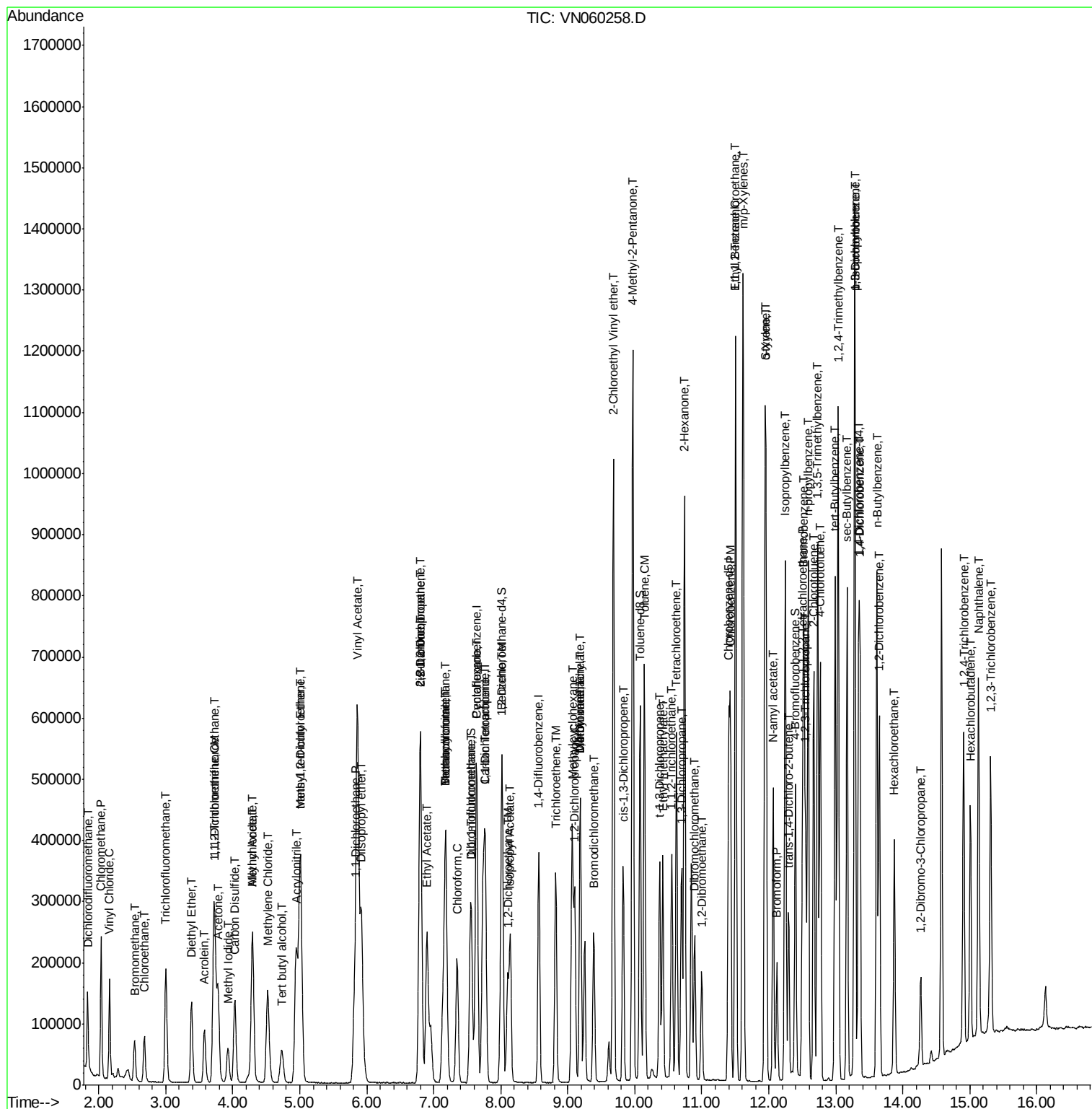
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	162653	53.287	ug/l	100
94) Hexachlorobutadiene	15.01	225	73096	40.905	ug/l	99
95) Naphthalene	15.13	128	493577	59.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	153509	50.501	ug/l	100

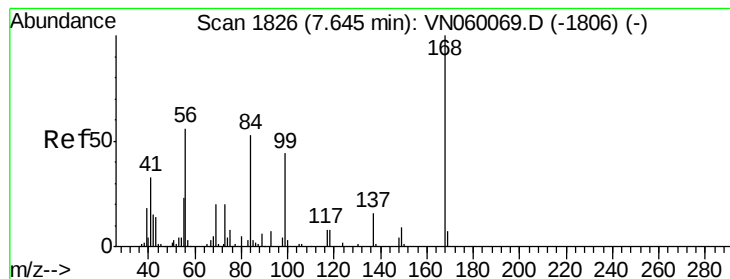
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022620\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

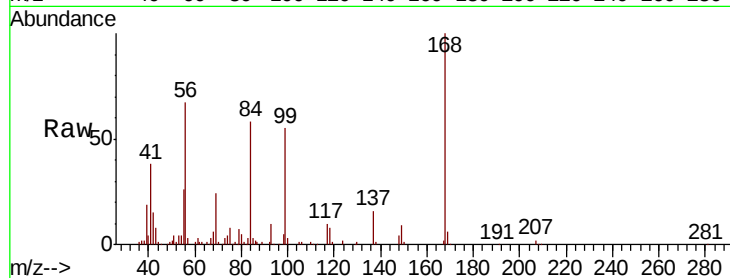
ClientSampleId :

Tot Ion:168 Resp: 204393

Ion Ratio Lower Upper

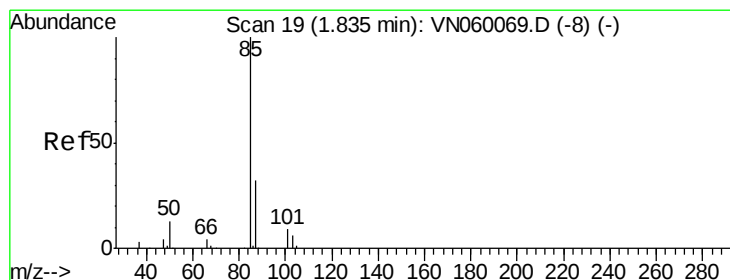
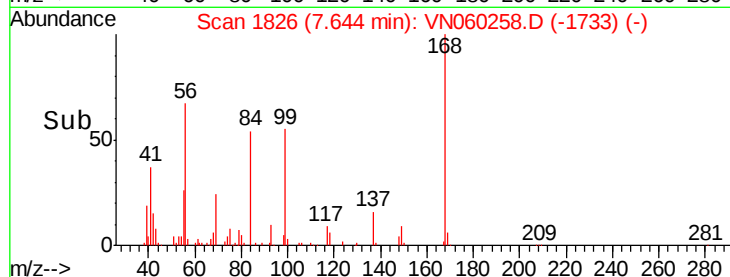
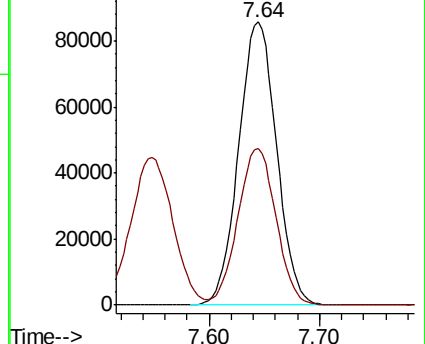
168 100

99 55.3 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: 46.849 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060258.D

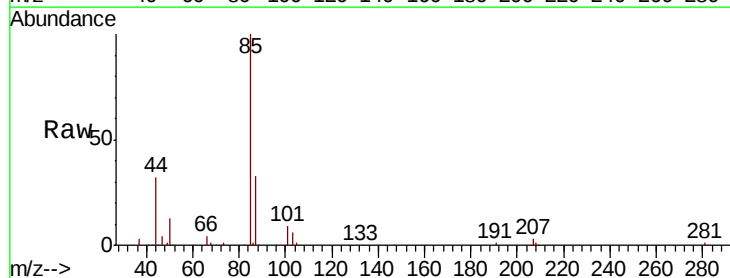
Acq: 26 Feb 2020 17:51

Tgt Ion: 85 Resp: 95714

Ion Ratio Lower Upper

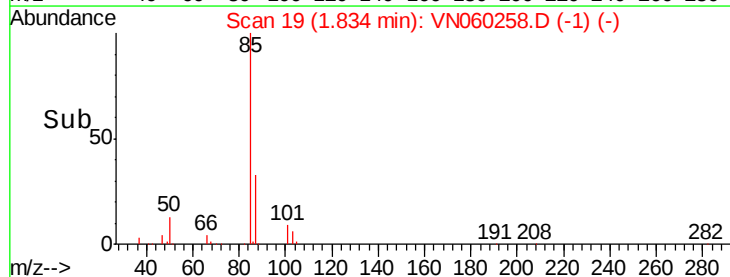
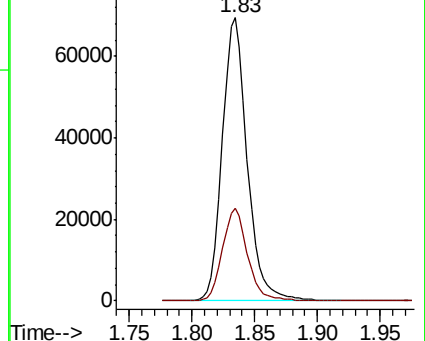
85 100

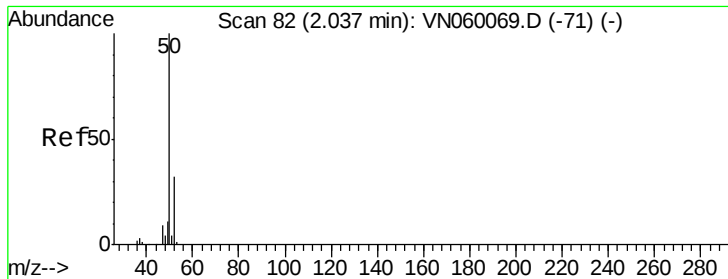
87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 71.304 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

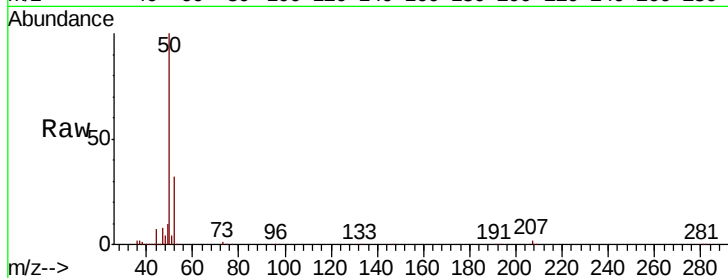
ClientSampleId :

Tot Ion: 50 Resp: 173361

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060069.D (-71) (-)

Ion 51.90 (51.60 to 52.60): VN060069.D (-71) (-)

2.04

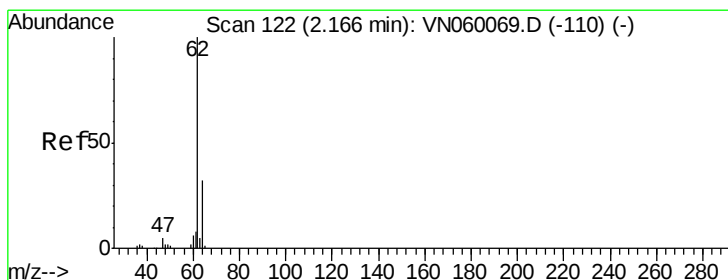
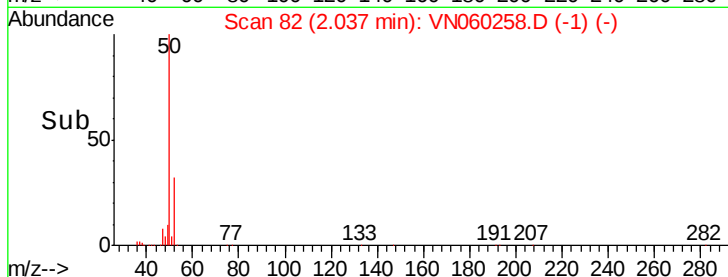
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.506 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060258.D

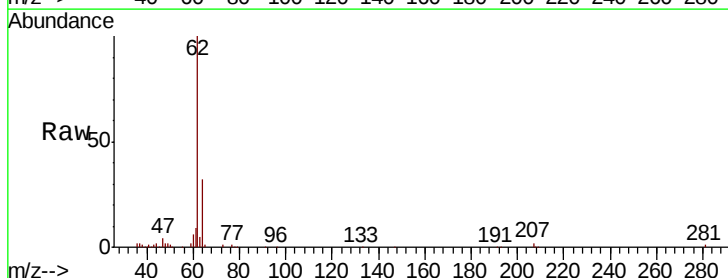
Acq: 26 Feb 2020 17:51

Tgt Ion: 62 Resp: 142737

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN060069.D (-110) (-)

Ion 63.90 (63.60 to 64.60): VN060069.D (-110) (-)

2.16

100000

80000

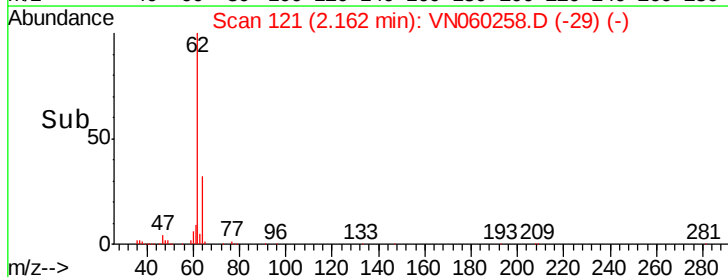
60000

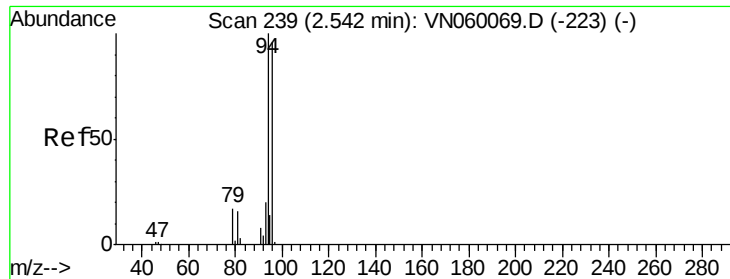
40000

20000

0

Time-->





#5

Bromomethane

Concen: 28.159 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

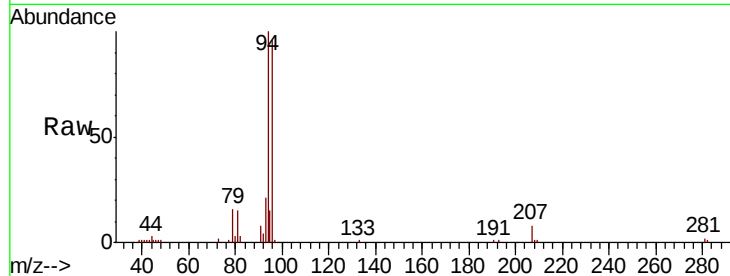
ClientSampled :

Tot Ion: 94 Resp: 47850

Ion Ratio Lower Upper

94 100

96 94.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN060069.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN060069.D (-223) (-)

25000

20000

15000

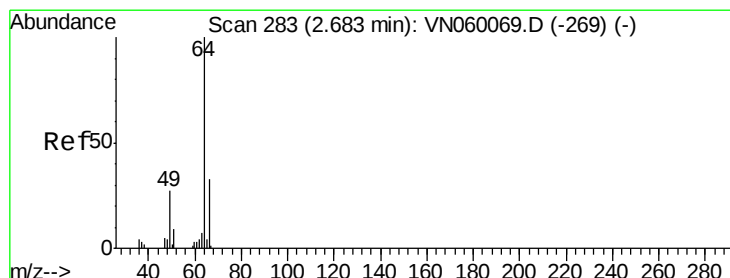
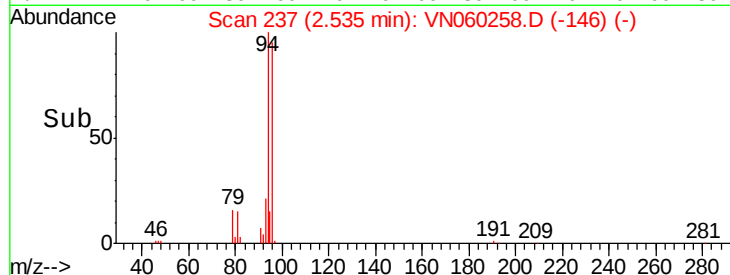
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 53.619 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060258.D

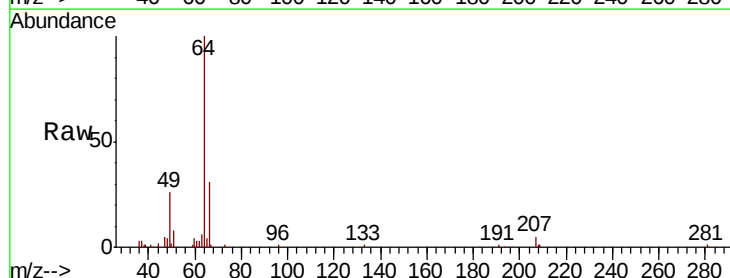
Acq: 26 Feb 2020 17:51

Tgt Ion: 64 Resp: 75157

Ion Ratio Lower Upper

64 100

66 31.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN060069.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN060069.D (-269) (-)

40000

30000

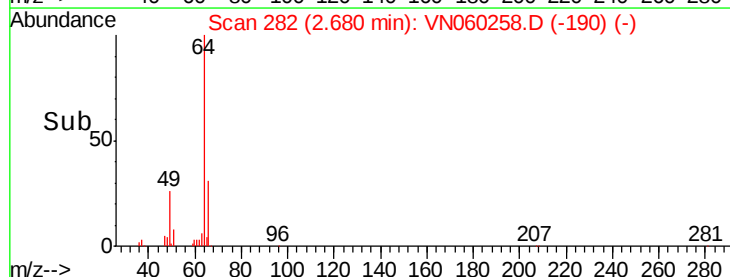
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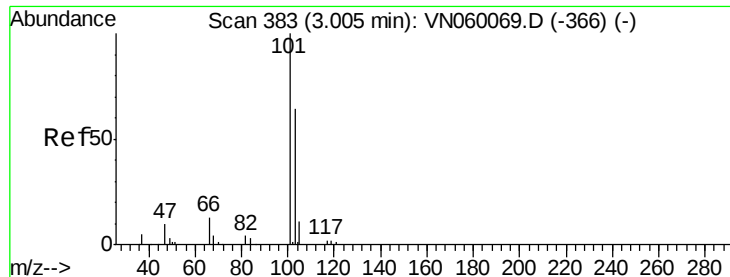
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0

2.60 2.65 2.70 2.75 2.80

Time-->



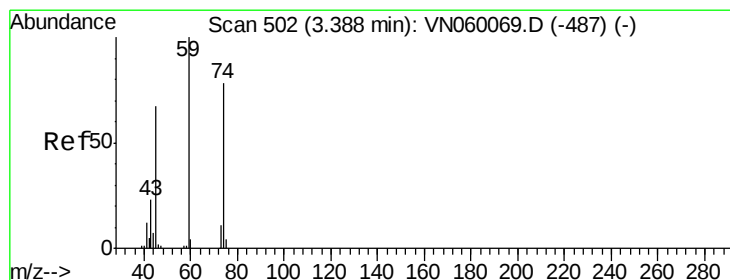
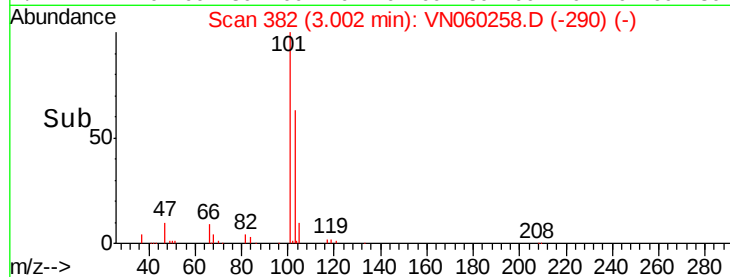
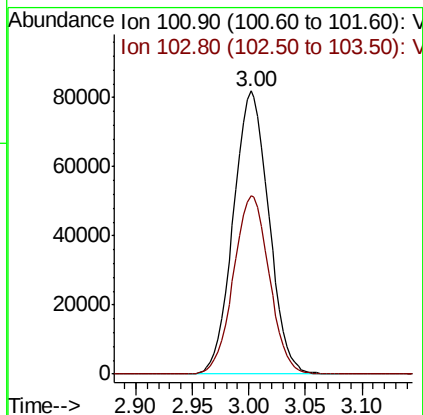
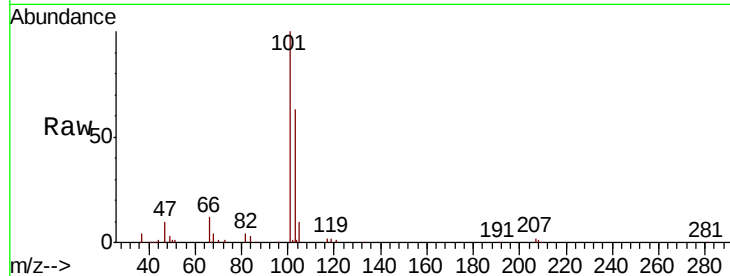


#7

Trichlorofluoromethane
 Concen: 50.101 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Instrument :
 MSVOA_N
 ClientSampleId :

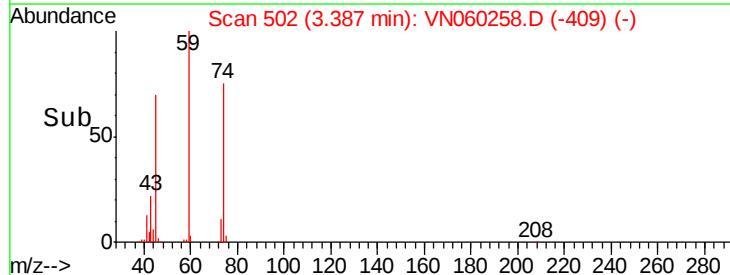
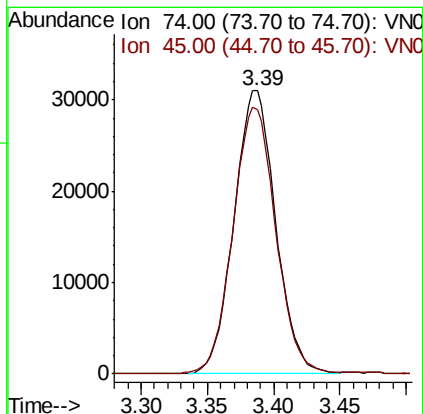
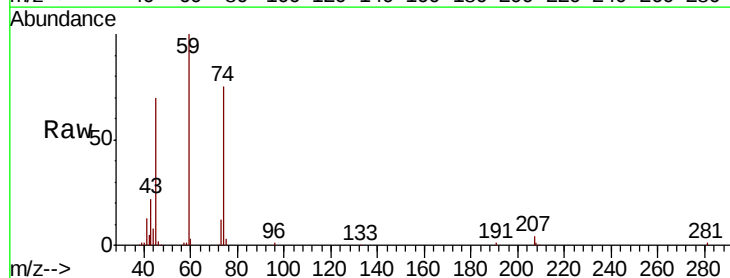
Tot Ion:101 Resp: 179009
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.0 76.6

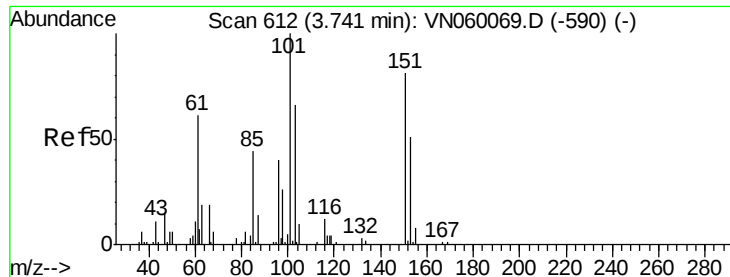


#8

Diethyl Ether
 Concen: 56.919 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion: 74 Resp: 67697
 Ion Ratio Lower Upper
 74 100
 45 96.9 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.585 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

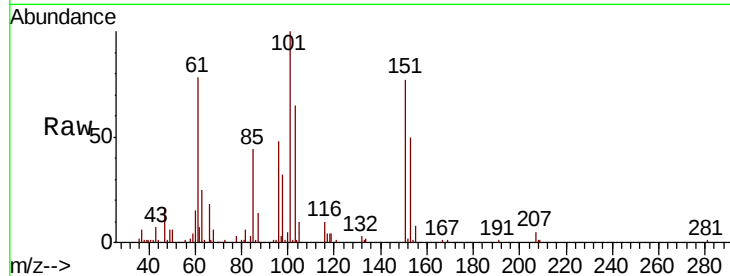
Tot Ion:101 Resp: 100345

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

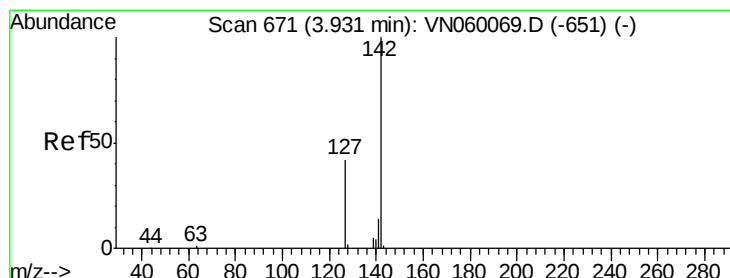
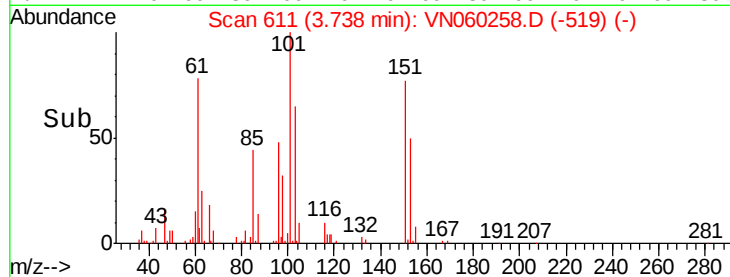
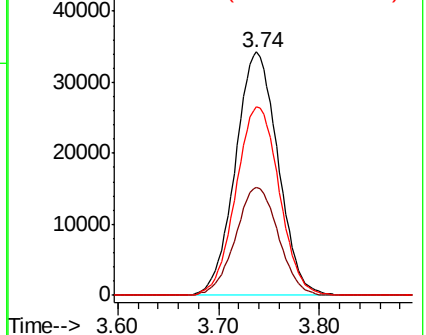
151 78.8 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.363 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

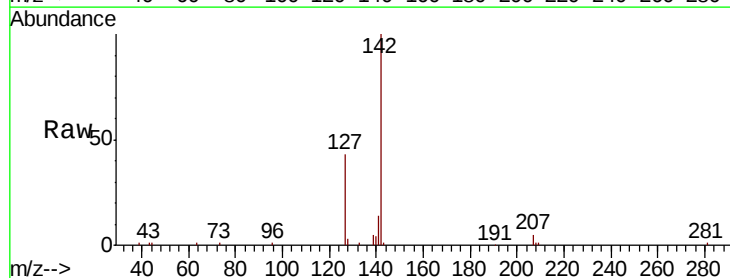
Tgt Ion:142 Resp: 89426

Ion Ratio Lower Upper

142 100

127 43.5 33.6 50.4

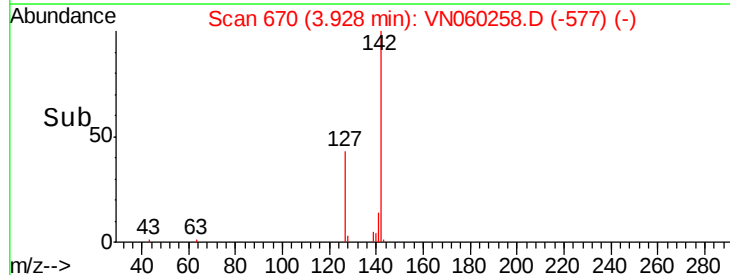
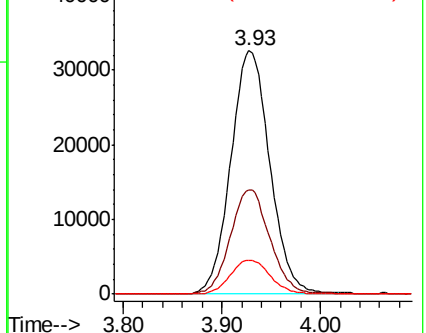
141 14.2 11.4 17.2

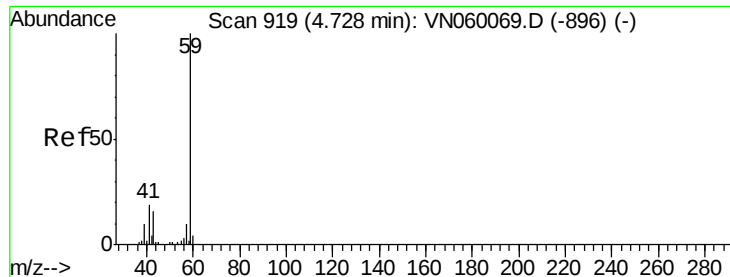


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



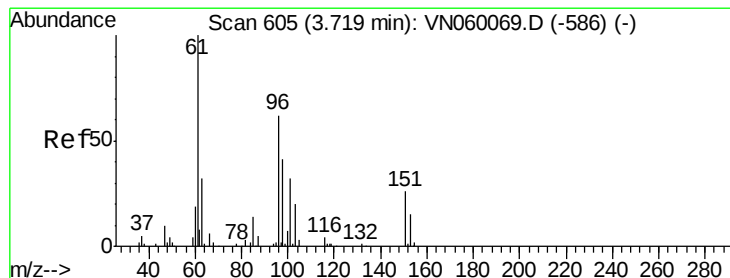
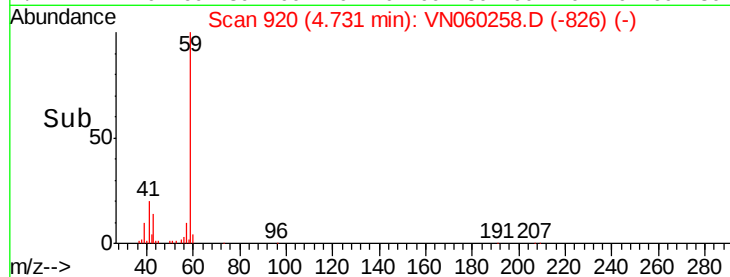
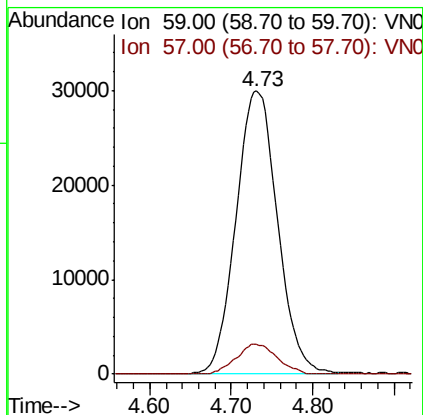
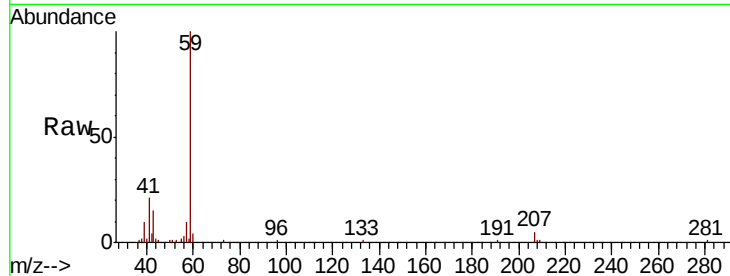


#11

Tert butyl alcohol
 Concen: 284.547 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Instrument :
 MSVOA_N
 ClientSampled :

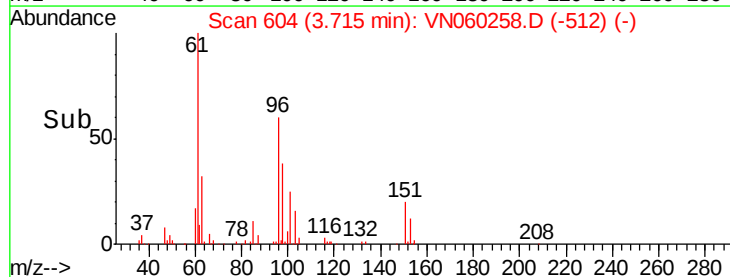
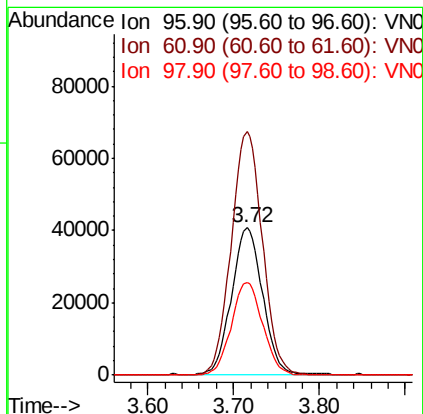
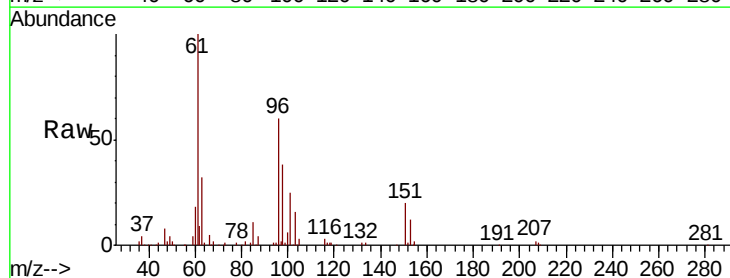
Tot Ion: 59 Resp: 105904
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

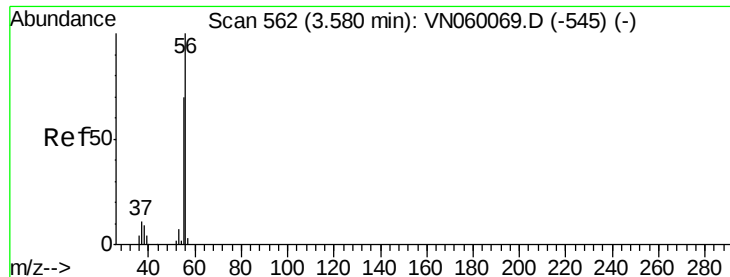


#12

1,1-Dichloroethene
 Concen: 52.394 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion: 96 Resp: 101250
 Ion Ratio Lower Upper
 96 100
 61 166.4 128.3 192.5
 98 63.3 52.2 78.4





#13

Acrolein

Concen: 260.396 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

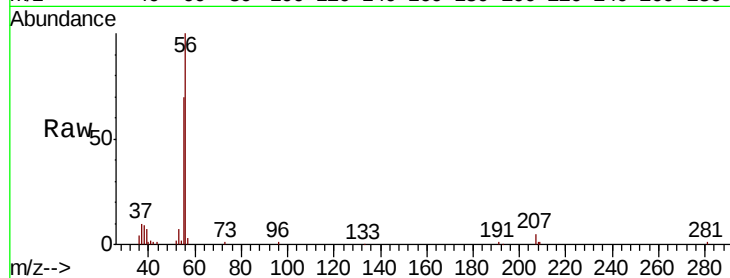
ClientSampleId :

Tot Ion: 56 Resp: 95795

Ion Ratio Lower Upper

56 100

55 71.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)

3.58

40000

30000

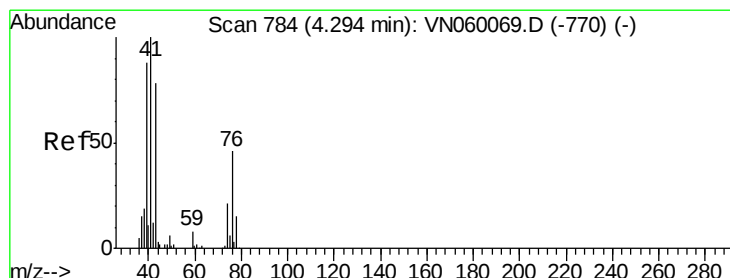
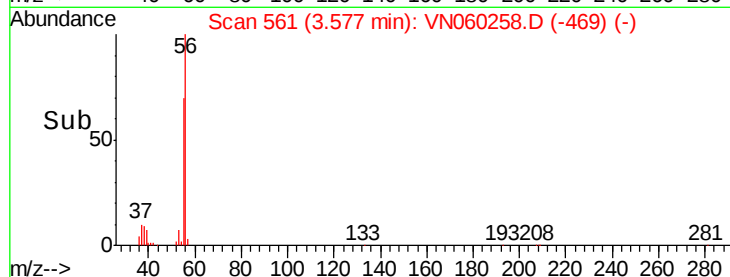
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 60.226 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

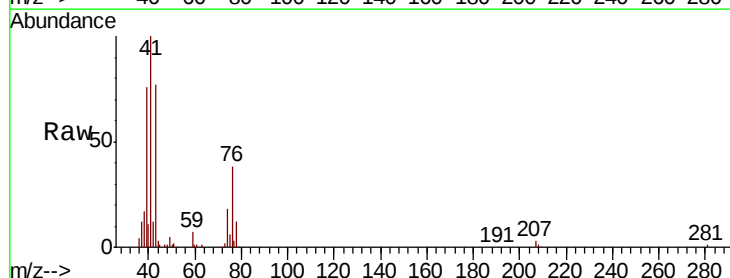
Tgt Ion: 41 Resp: 171299

Ion Ratio Lower Upper

41 100

39 77.5 67.8 101.8

76 37.2 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)

80000

60000

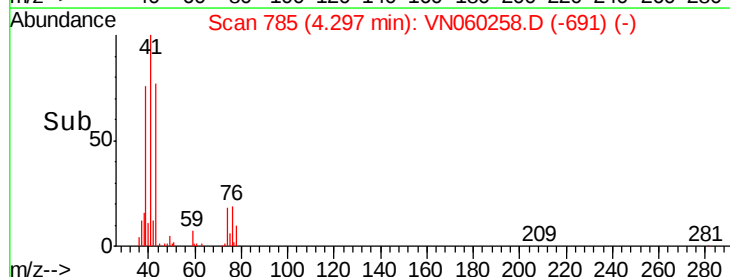
40000

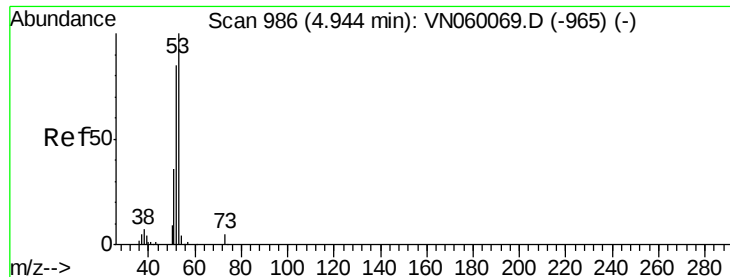
20000

0

Time-->

4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 310.828 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampled :

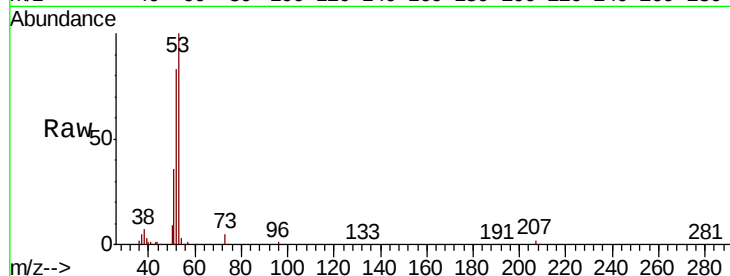
Tot Ion: 53 Resp: 282519

Ion Ratio Lower Upper

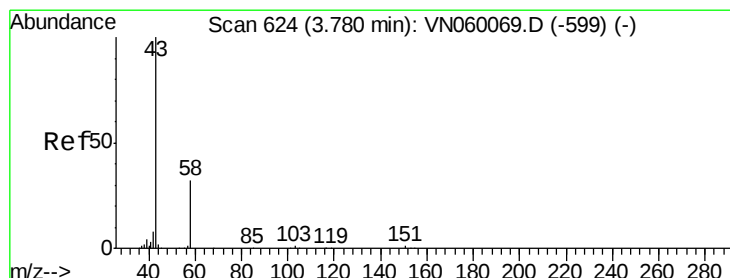
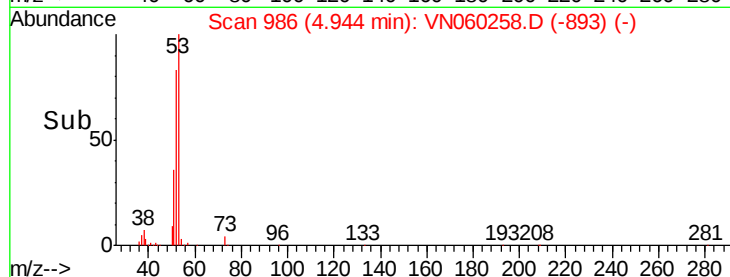
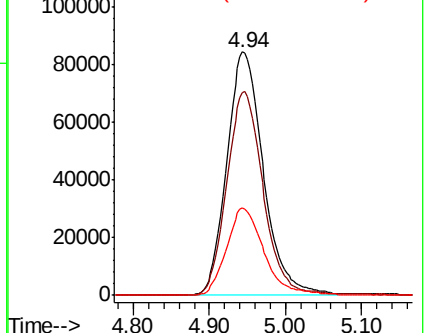
53 100

52 83.0 66.8 100.2

51 36.8 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 219.914 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060258.D

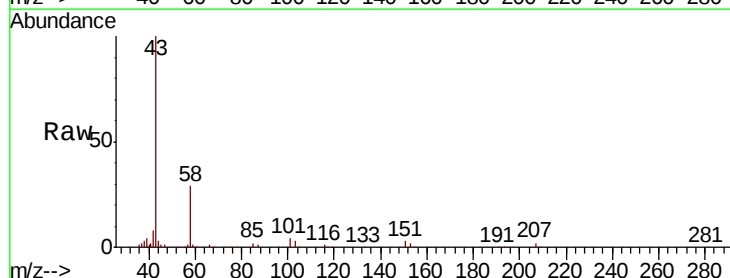
Acq: 26 Feb 2020 17:51

Tgt Ion: 43 Resp: 238577

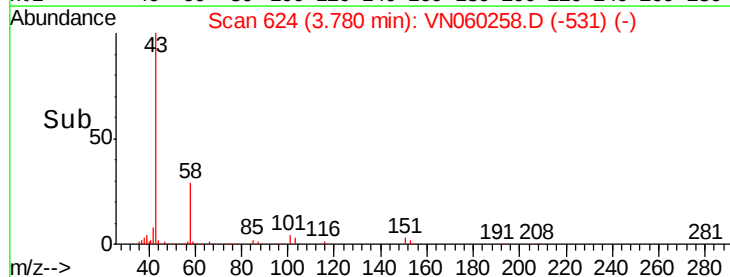
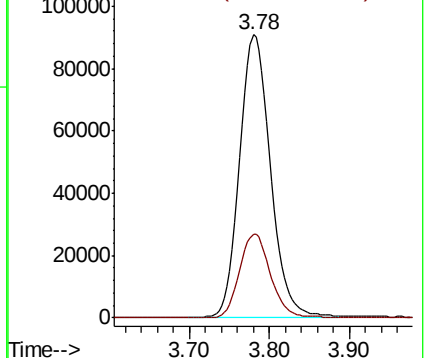
Ion Ratio Lower Upper

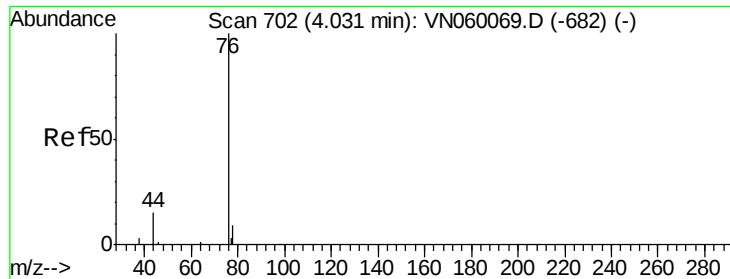
43 100

58 29.4 25.2 37.8



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

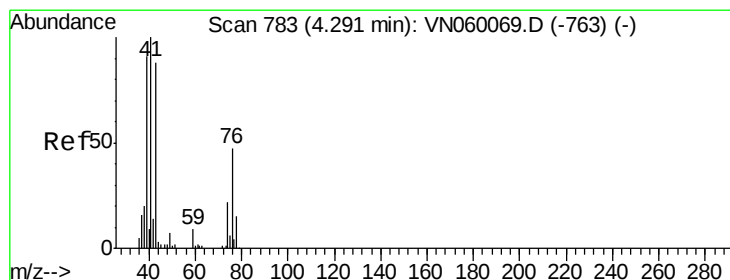
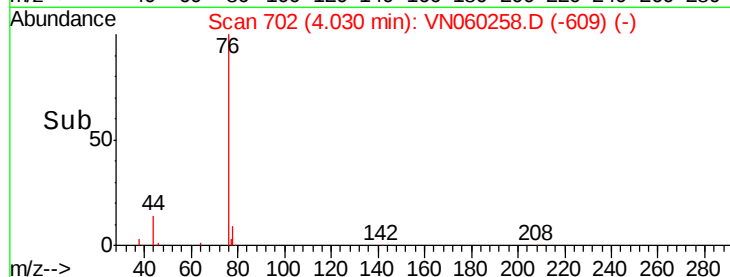
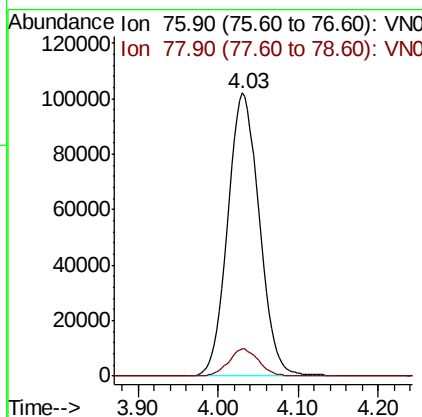
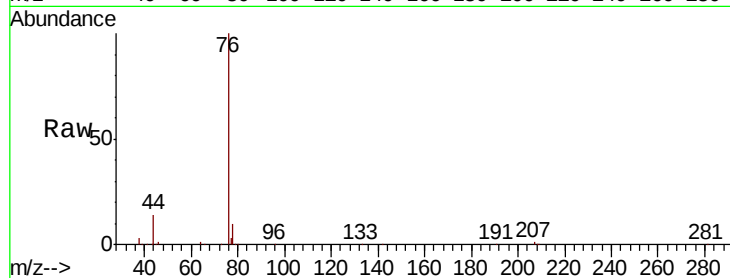




#17
Carbon Disulfide
Concen: 47.075 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

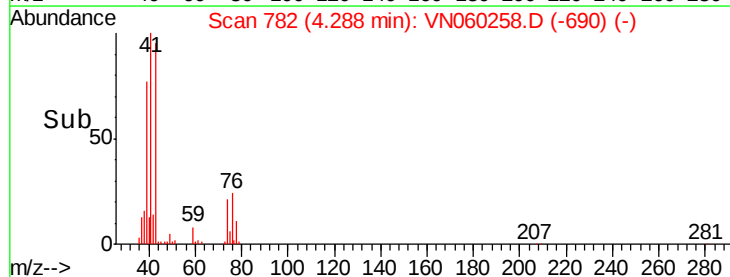
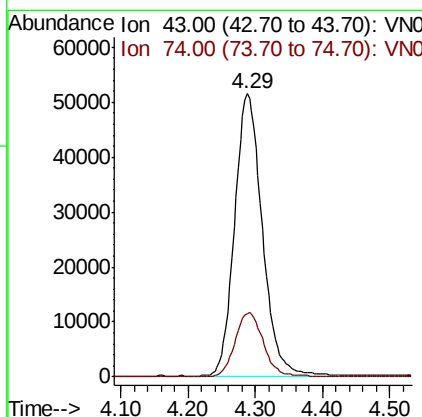
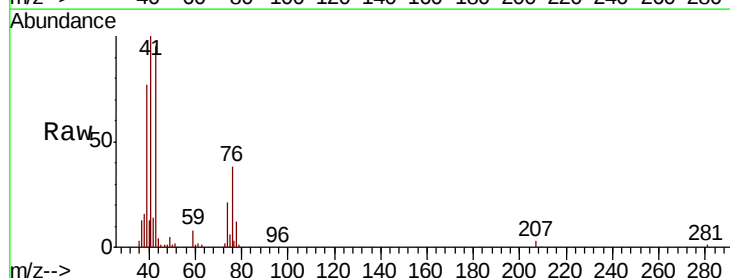
Instrument :
MSVOA_N
ClientSampled :

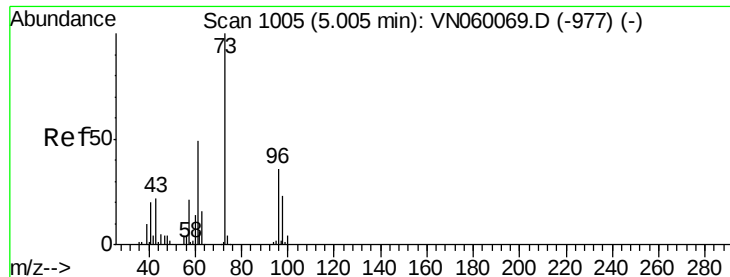
Tot Ion: 76 Resp: 274198
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 71.856 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 43 Resp: 146438
Ion Ratio Lower Upper
43 100
74 23.4 20.3 30.5

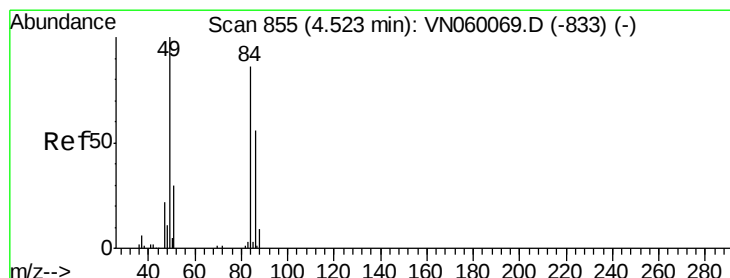
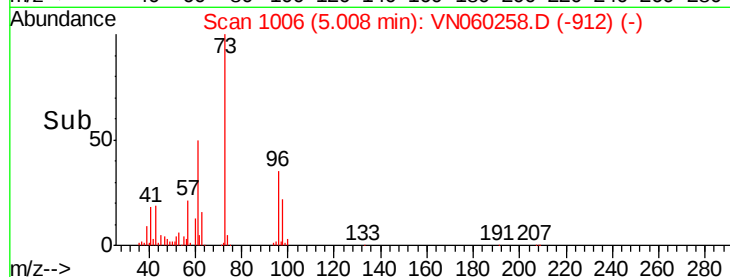
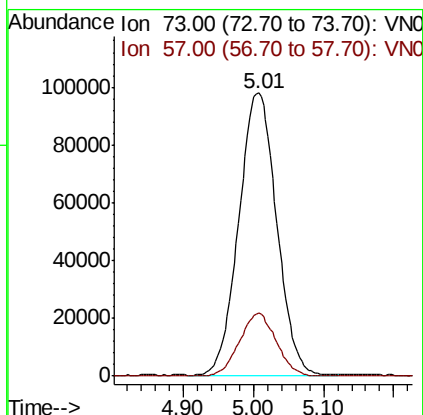
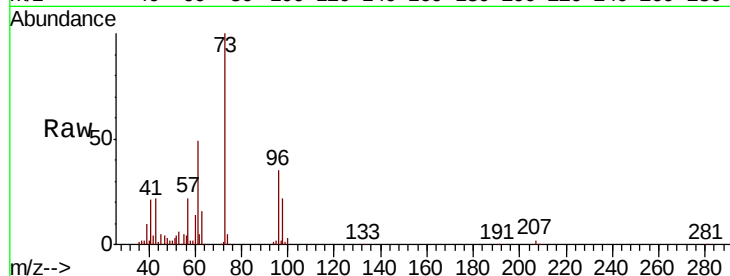




#19
Methvl tert-butvl Ether
Concen: 56.361 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

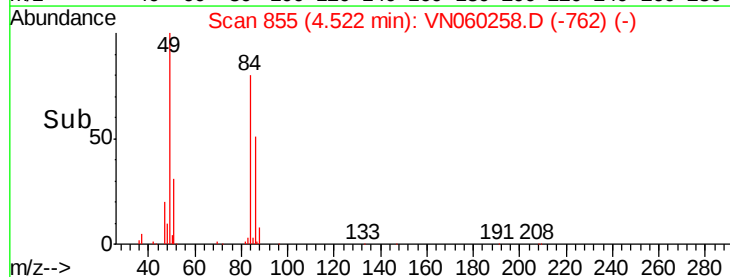
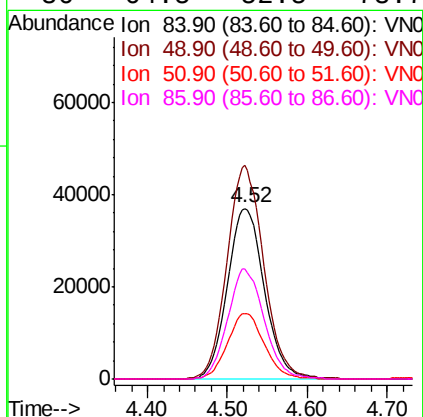
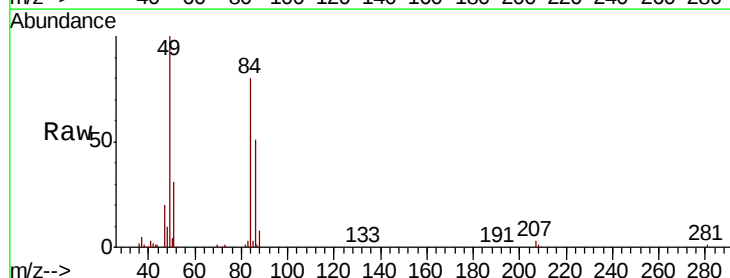
Instrument :
MSVOA_N
ClientSampled :

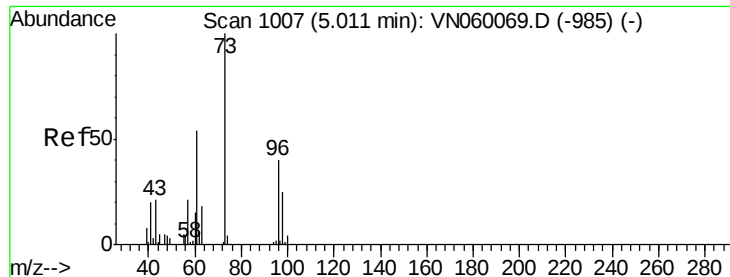
Tot Ion: 73 Resp: 366274
Ion Ratio Lower Upper
73 100
57 22.5 17.2 25.8



#20
Methylene Chloride
Concen: 53.736 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 84 Resp: 116306
Ion Ratio Lower Upper
84 100
49 125.0 93.4 140.0
51 38.7 28.4 42.6
86 64.5 52.5 78.7

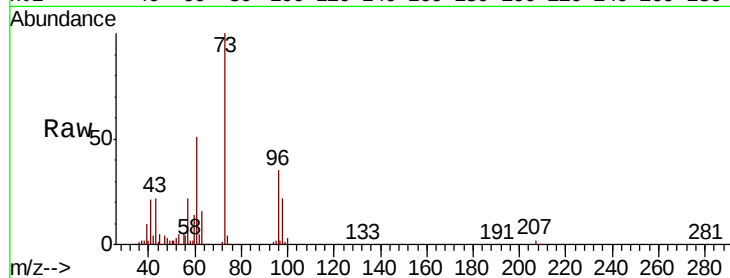




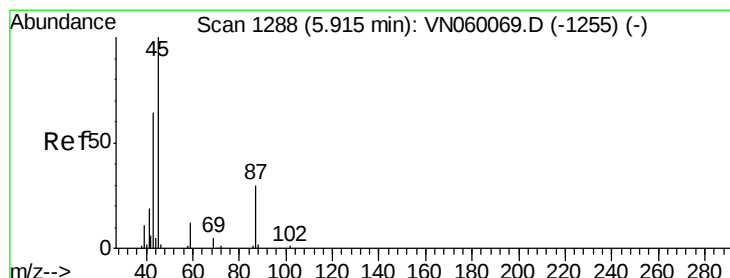
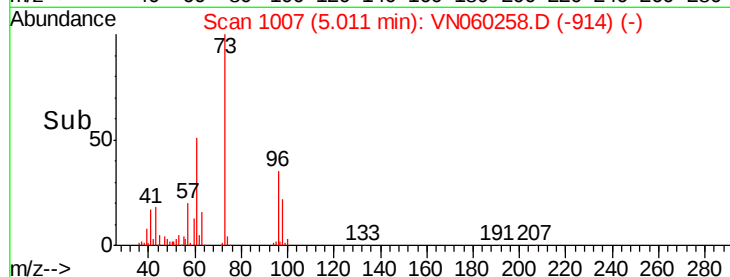
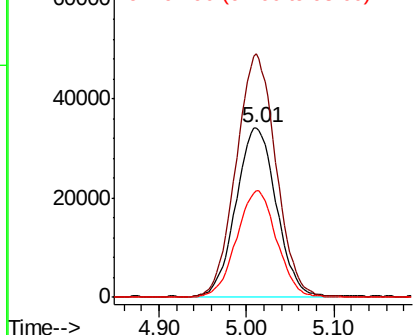
#21
trans-1,2-Dichloroethene
Concen: 51.494 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 108474
Ion Ratio Lower Upper
96 100
61 144.0 109.3 163.9
98 63.1 51.0 76.6

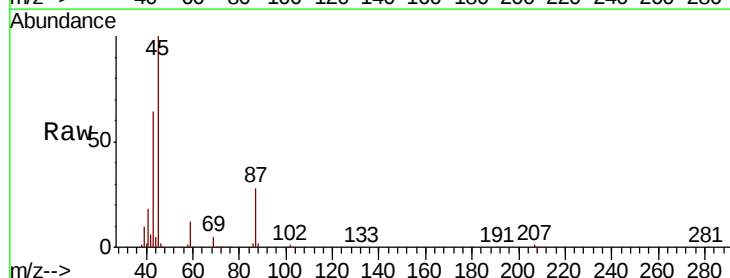


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

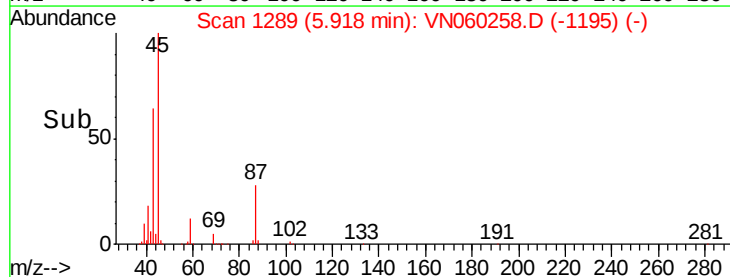
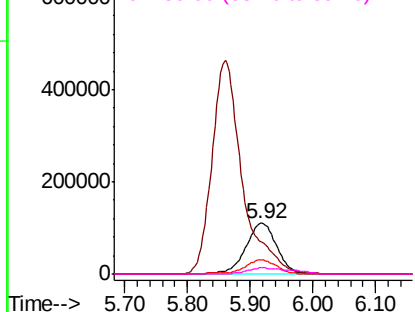


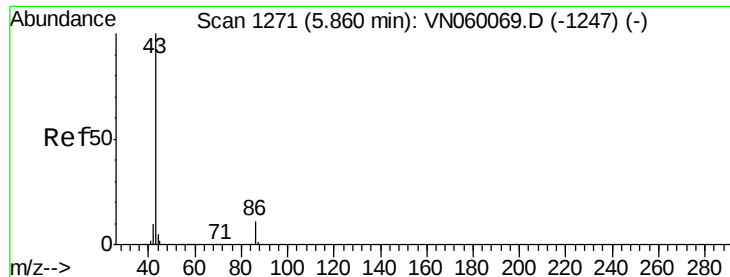
#22
Diisopropyl ether
Concen: 60.246 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 45 Resp: 375545
Ion Ratio Lower Upper
45 100
43 62.8 55.9 83.9
87 28.0 24.5 36.7
59 12.1 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 297.713 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

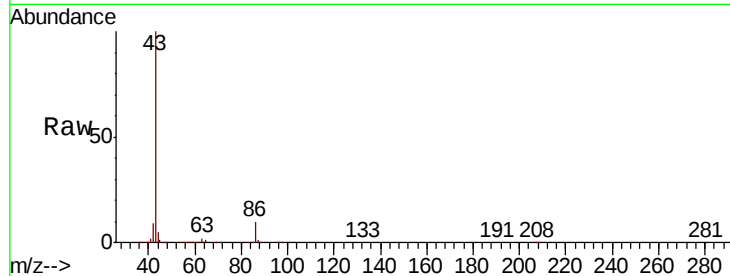
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1558440

Ion Ratio Lower Upper

43 100

86 10.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN060069.D (-1247) (-)

5.86

500000

400000

300000

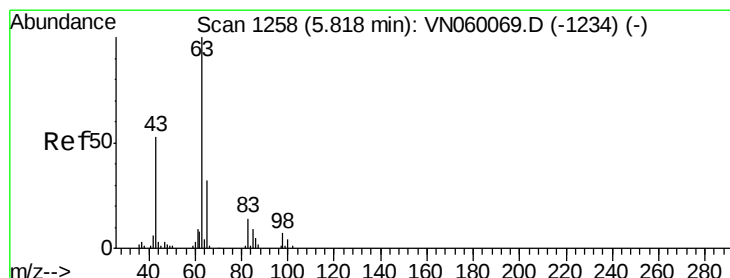
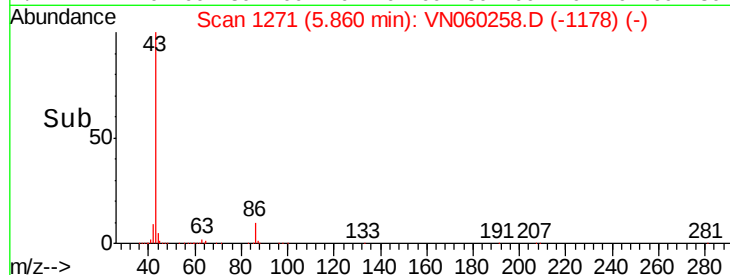
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 56.165 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

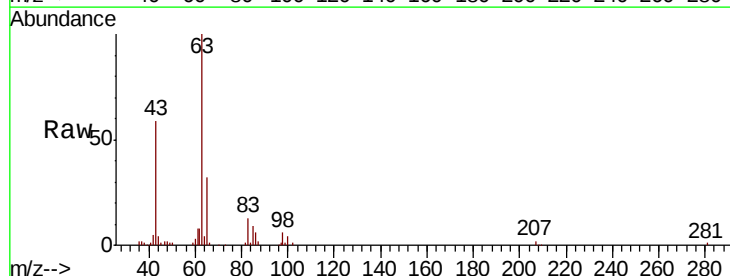
Tgt Ion: 63 Resp: 212090

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN060069.D (-1234) (-)

5.82

80000

60000

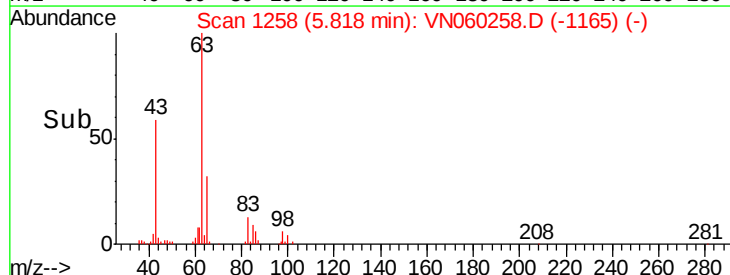
40000

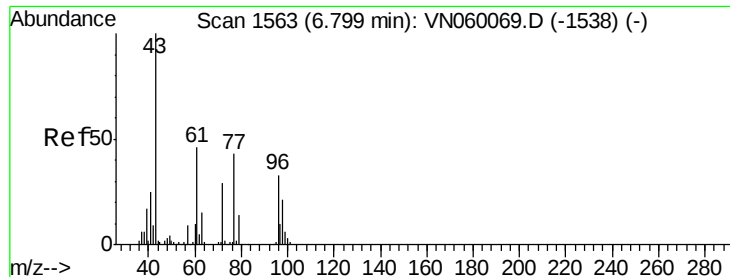
20000

0

5.70 5.80 5.90

Time-->

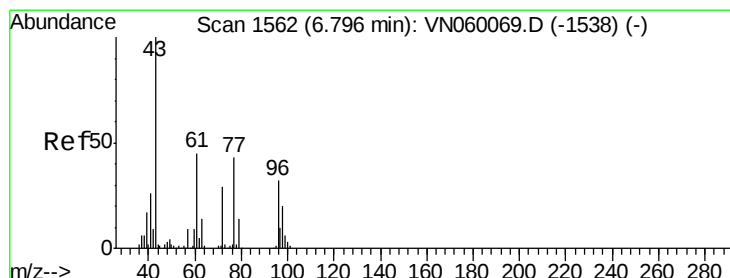
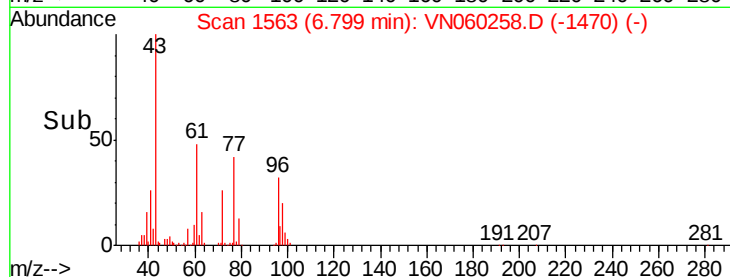
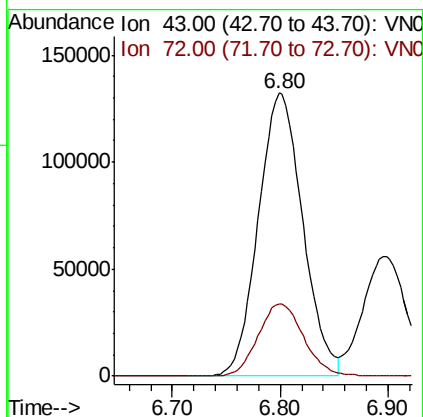
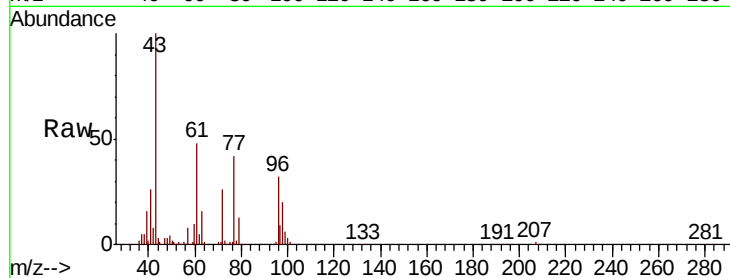




#25
2-Butanone
Concen: 275.717 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

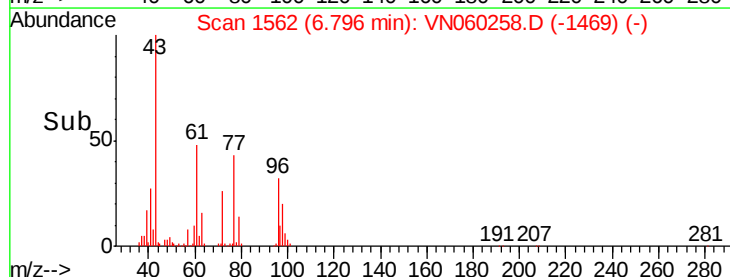
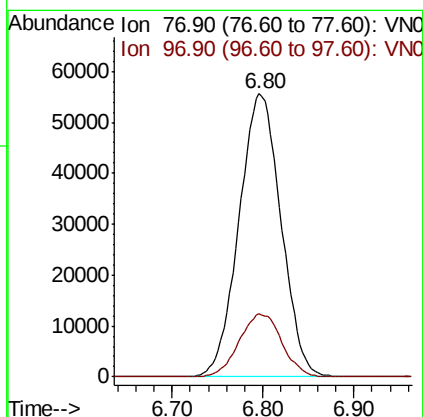
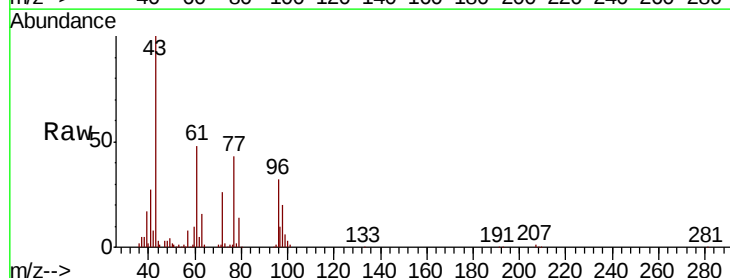
Instrument :
MSVOA_N
ClientSampled :

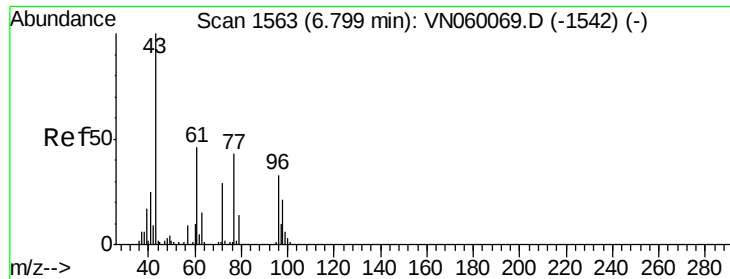
Tot Ion: 43 Resp: 376191
Ion Ratio Lower Upper
43 100
72 25.6 23.3 34.9



#26
2,2-Dichloropropane
Concen: 49.701 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 77 Resp: 178263
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.137 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

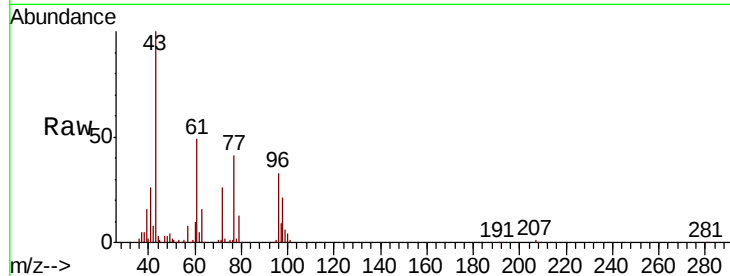
Tot Ion: 96 Resp: 128533

Ion Ratio Lower Upper

96 100

61 147.5 0.0 285.8

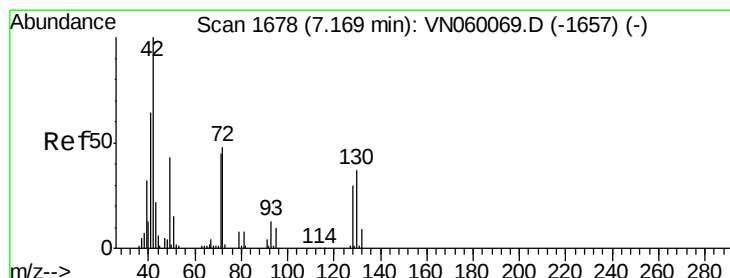
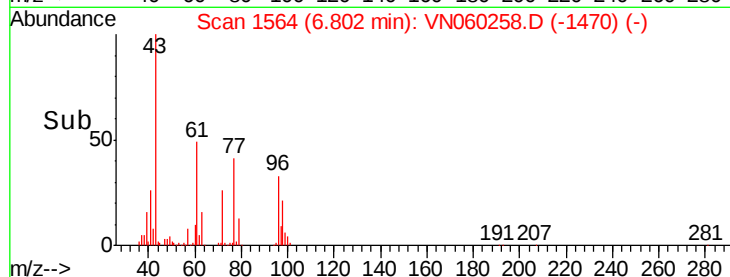
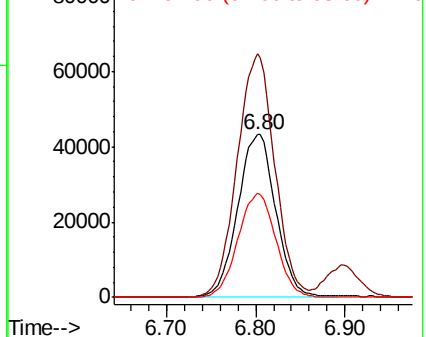
98 63.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN060258.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060258.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060258.D (-1542) (-)



#28

Bromochloromethane

Concen: 55.349 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

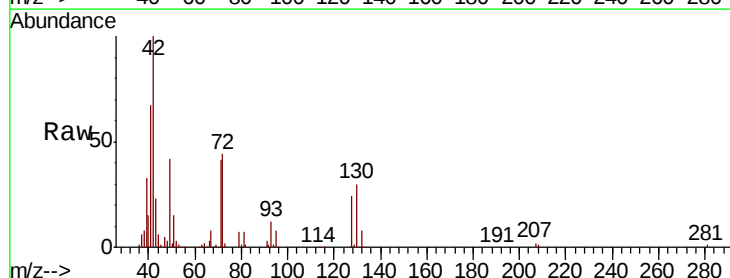
Tgt Ion: 49 Resp: 82169

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

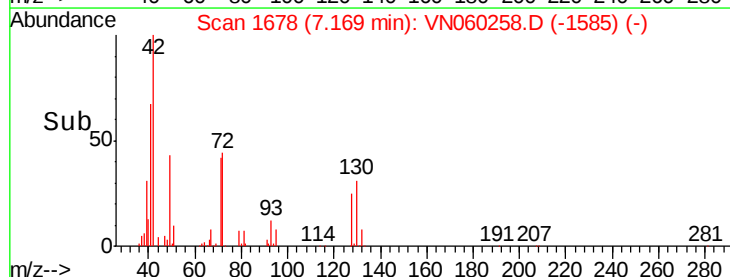
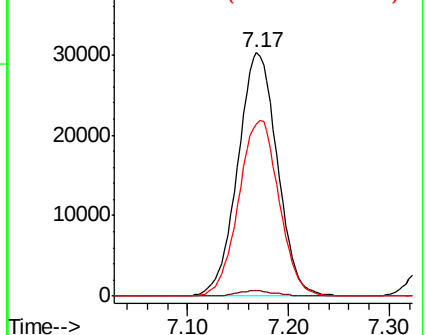
130 73.5 66.8 100.2

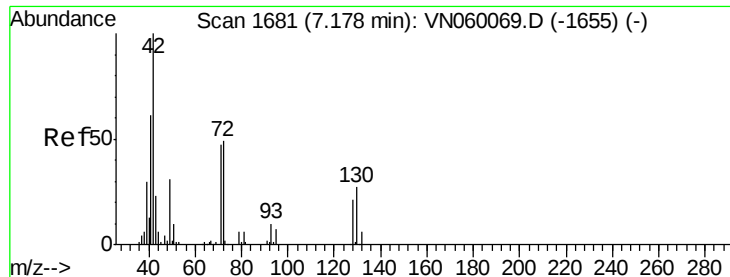


Abundance Ion 48.90 (48.60 to 49.60): VN060258.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060258.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060258.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 302.842 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

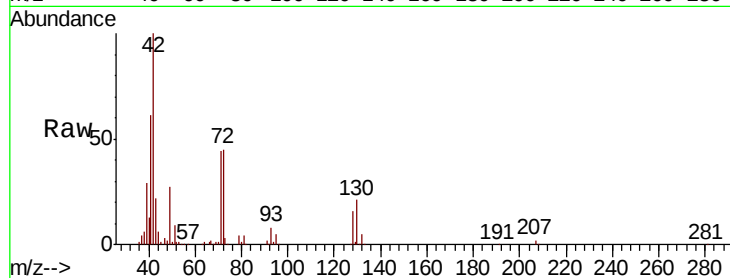
Tot Ion: 42 Resp: 253491

Ion Ratio Lower Upper

42 100

72 44.1 38.2 57.4

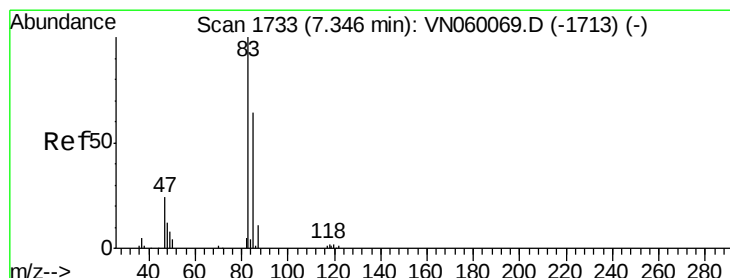
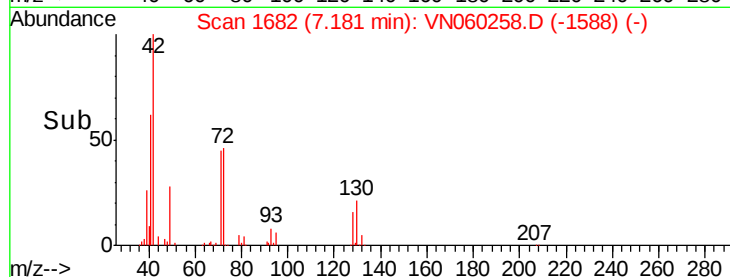
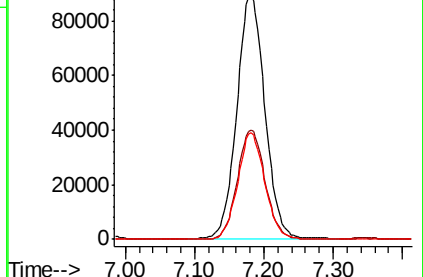
71 41.9 36.6 54.8



Abundance Ion 42.00 (41.70 to 42.70): VN060069.D (-1655) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1655) (-)

Ion 71.00 (70.70 to 71.70): VN060069.D (-1655) (-)



#30

Chloroform

Concen: 53.190 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060258.D

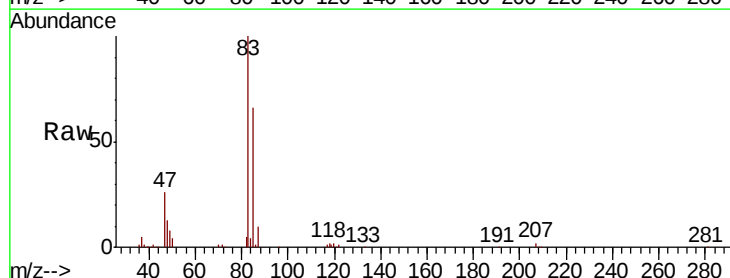
Acq: 26 Feb 2020 17:51

Tgt Ion: 83 Resp: 210400

Ion Ratio Lower Upper

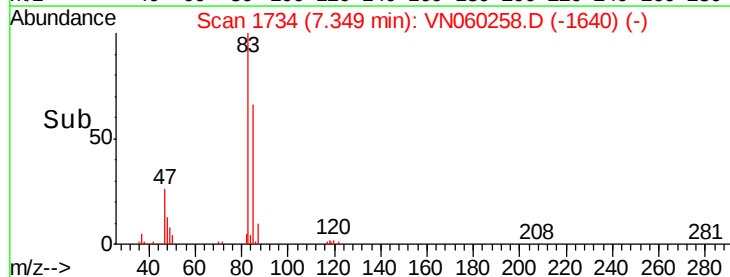
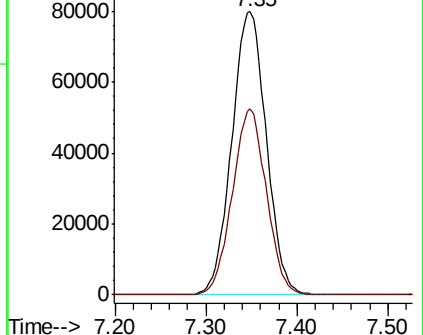
83 100

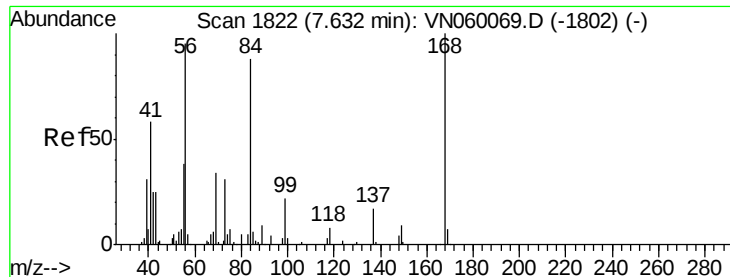
85 65.9 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-1713) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-1713) (-)

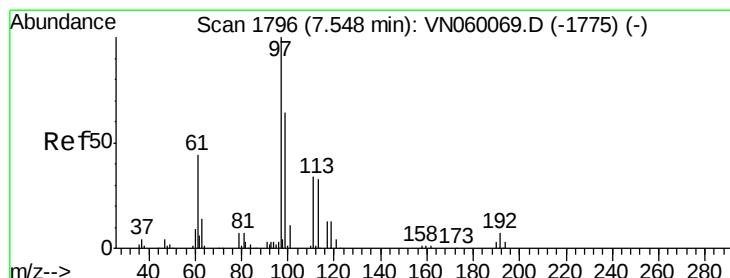
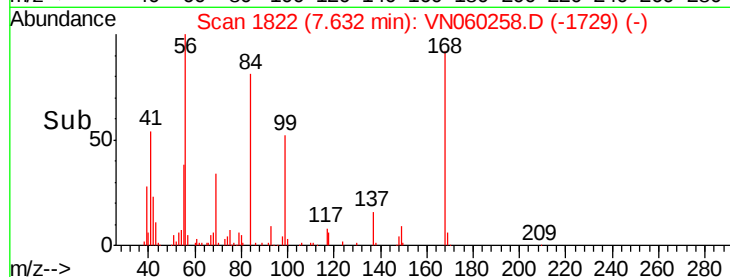
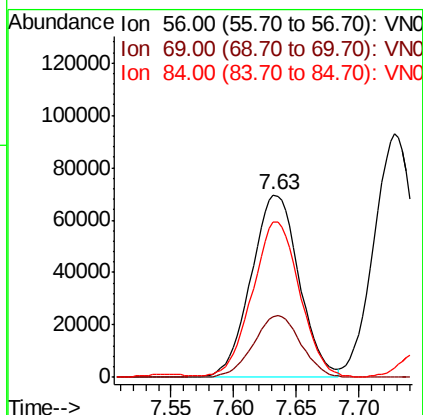
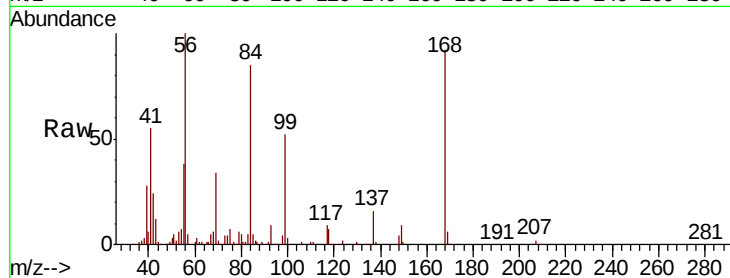




#31
Cyclohexane
Concen: 52.675 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

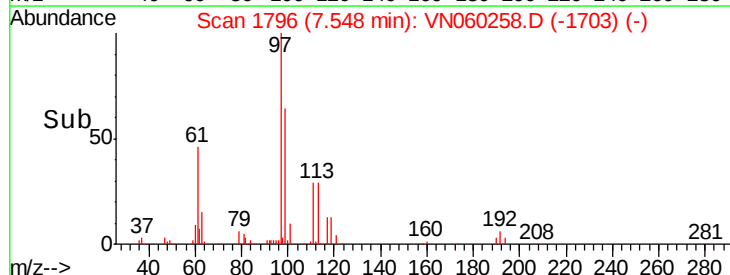
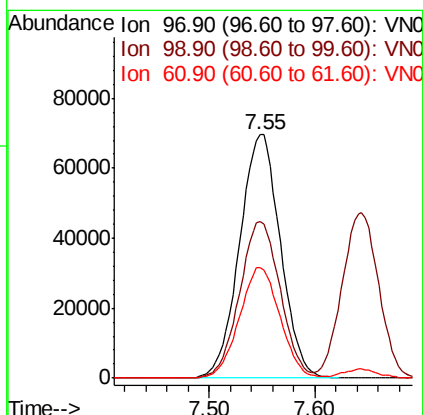
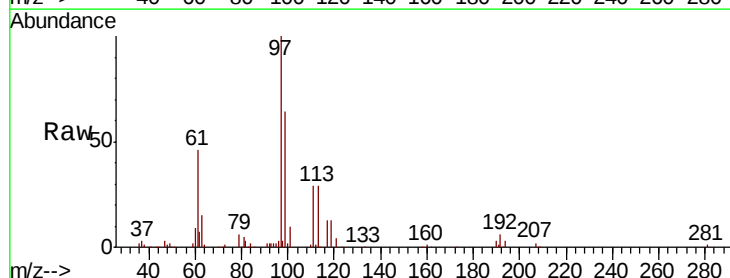
Instrument :
MSVOA_N
ClientSampled :

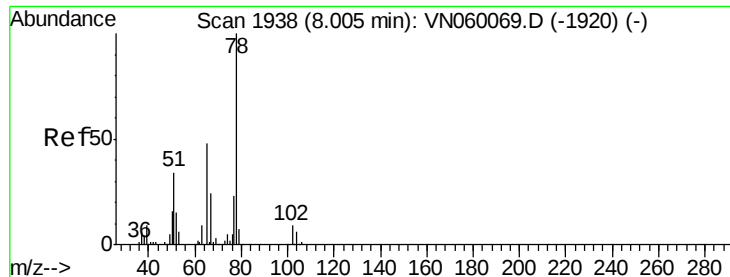
Tot Ion: 56 Resp: 185293
Ion Ratio Lower Upper
56 100
69 33.5 28.3 42.5
84 83.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.846 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 97 Resp: 187412
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 45.3 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 56.266 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

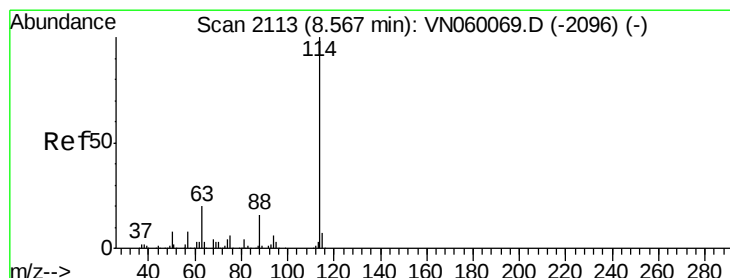
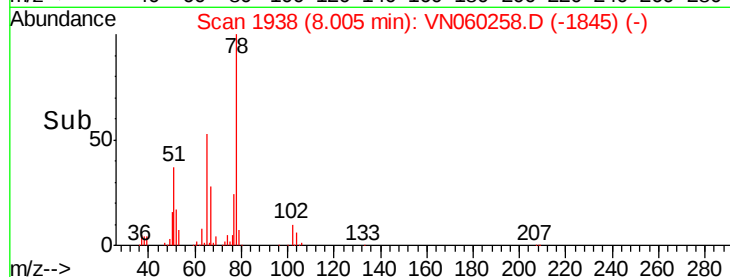
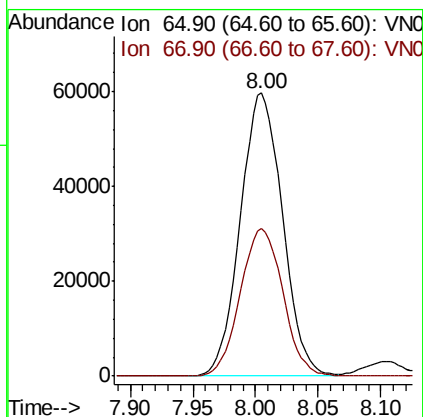
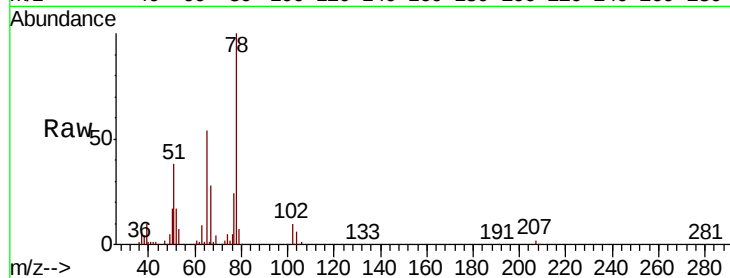
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 139940

Ion Ratio Lower Upper

65 100

67 52.5 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: VN060258.D

Acq: 26 Feb 2020 17:51

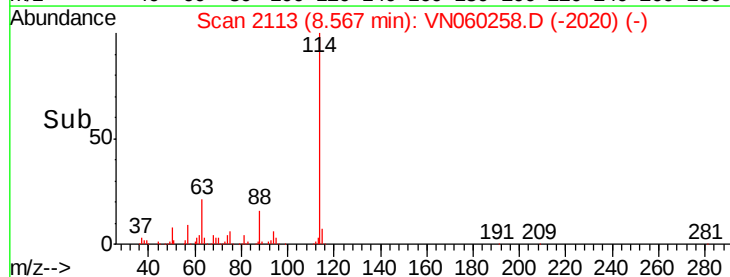
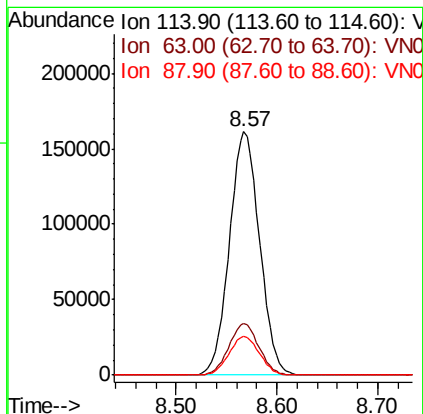
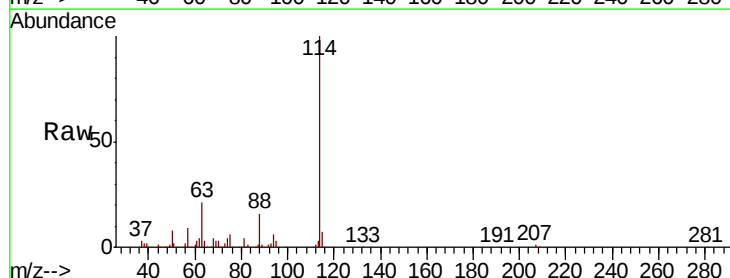
Tgt Ion: 114 Resp: 334938

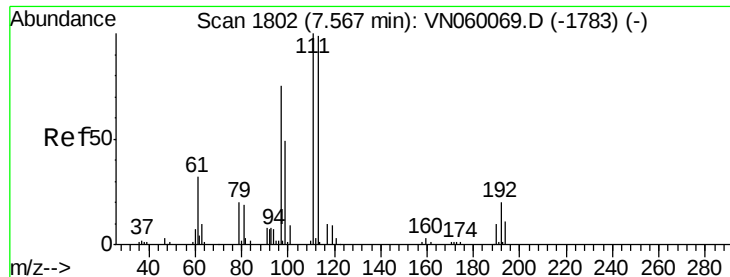
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.2 0.0 31.6

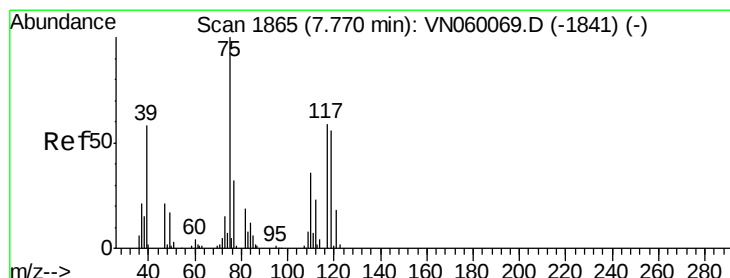
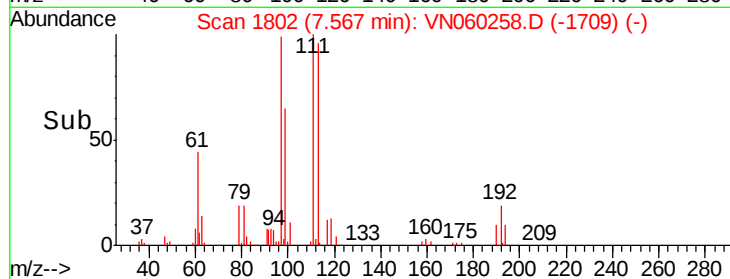
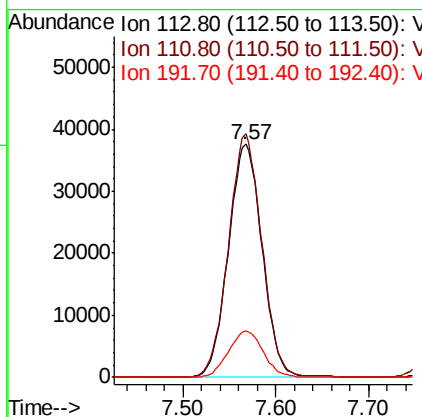
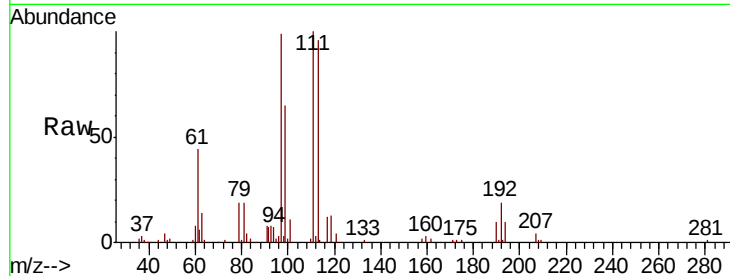




#35
 Dibromofluoromethane
 Concen: 46.209 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

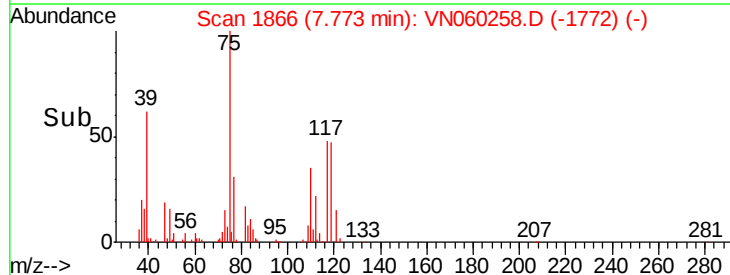
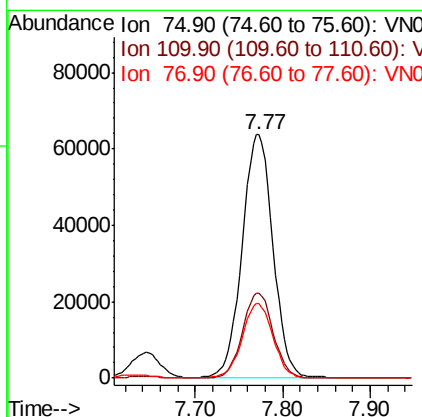
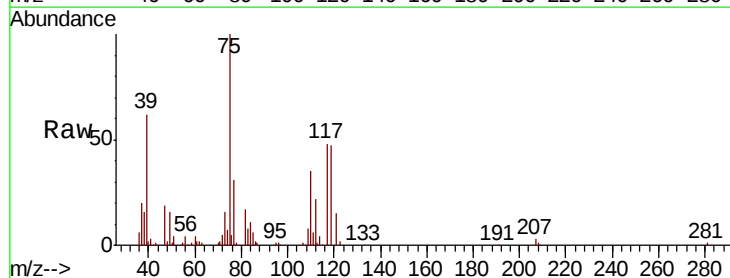
Instrument :
 MSVOA_N
 ClientSampled :

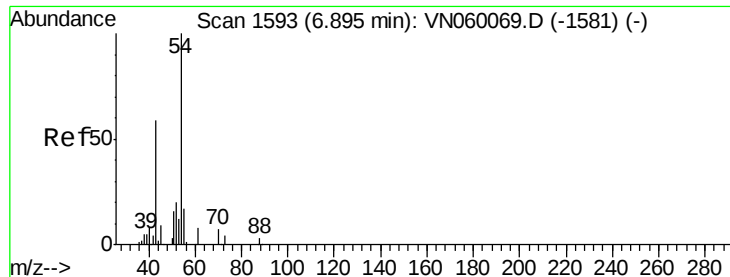
Tot Ion:113 Resp: 95138
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.299 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion: 75 Resp: 156044
 Ion Ratio Lower Upper
 75 100
 110 34.5 18.1 54.3
 77 30.5 25.1 37.7

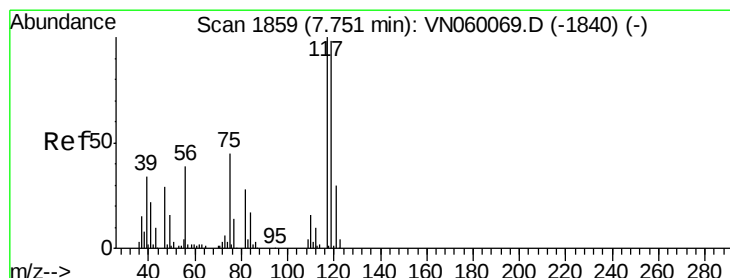
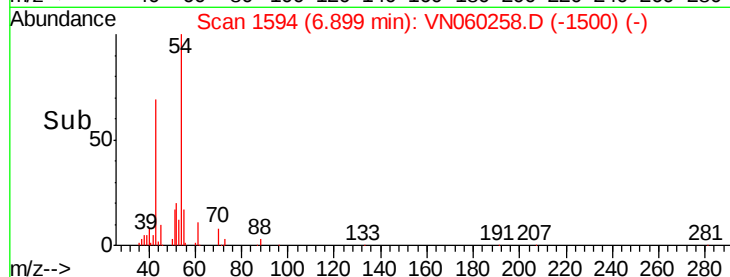
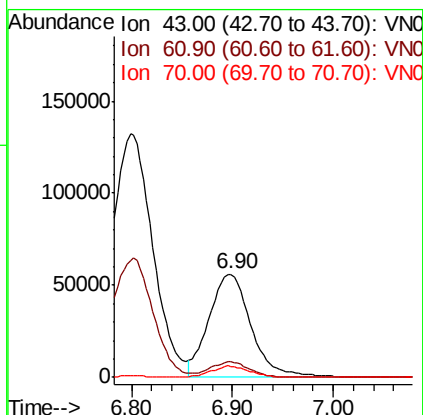
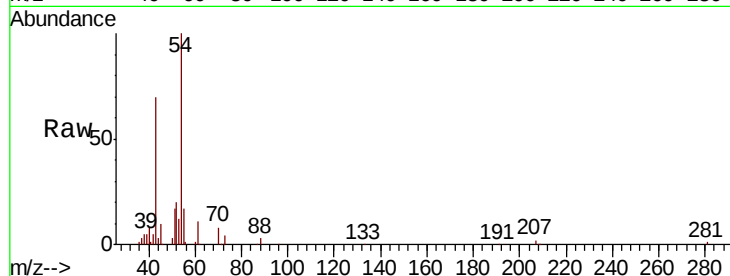




#37
Ethyl Acetate
Concen: 56.911 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

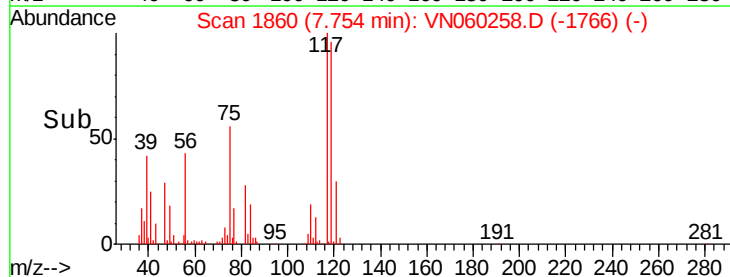
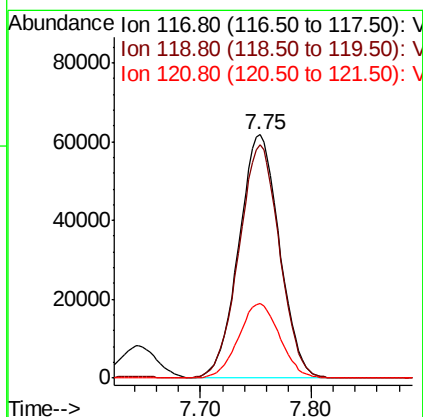
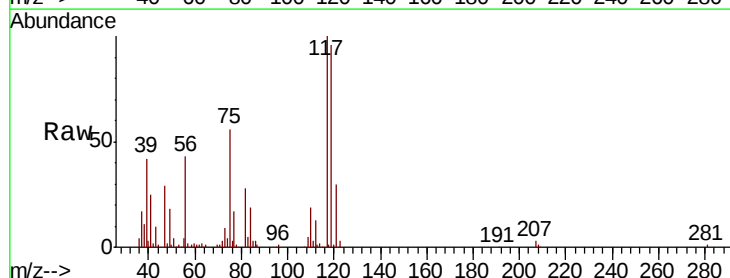
Instrument :
MSVOA_N
ClientSampleId :

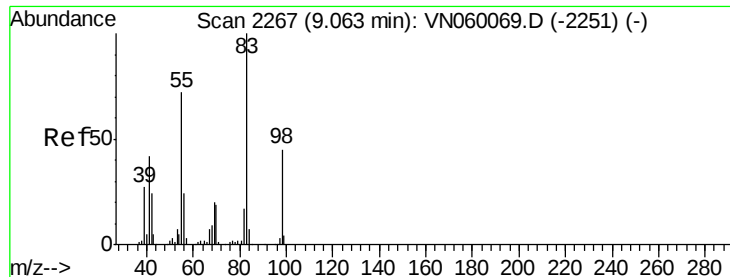
Tot Ion	43	Resp	159567
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.4	17.2
70	10.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 46.756 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion	117	Resp	157533
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.2	117.4
121	30.5	24.2	36.2

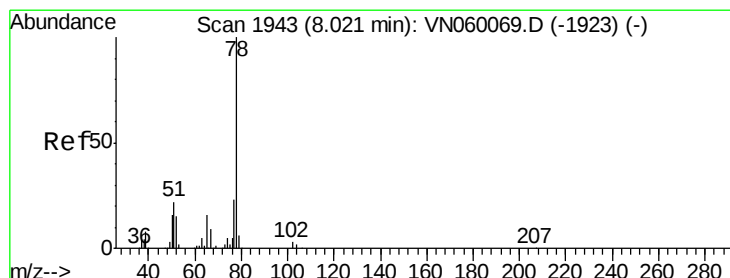
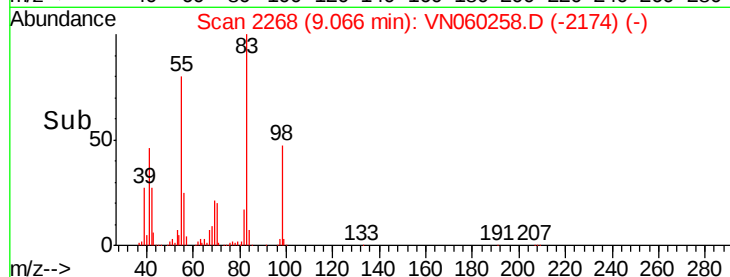
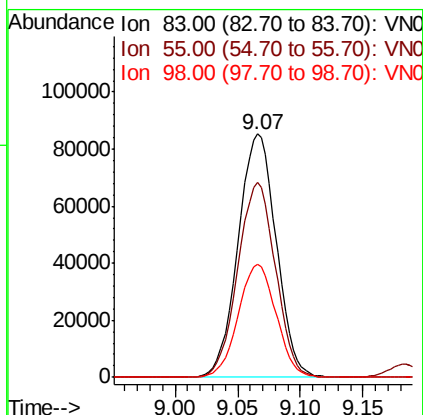
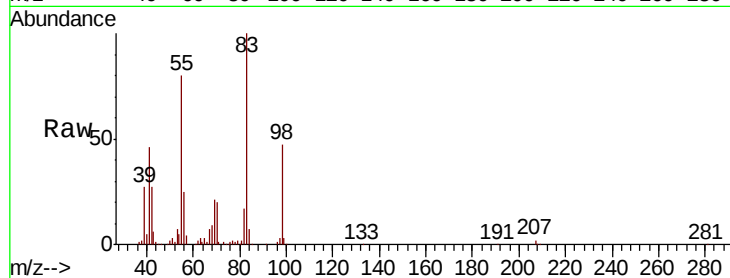




#39
Methvlcvclohexane
Concen: 46.877 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

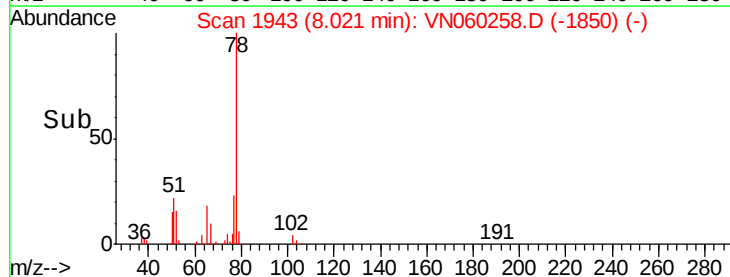
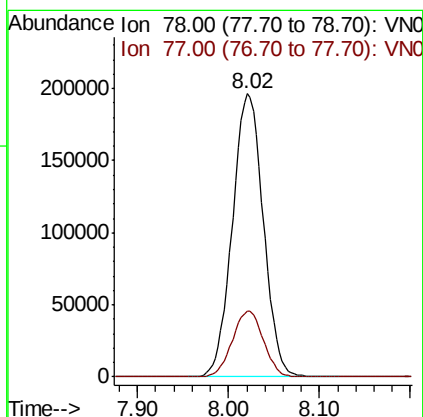
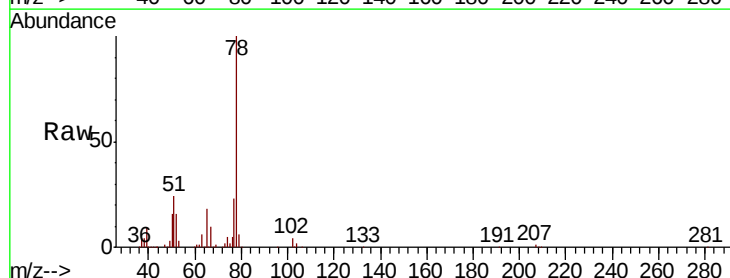
Instrument :
MSVOA_N
ClientSampled :

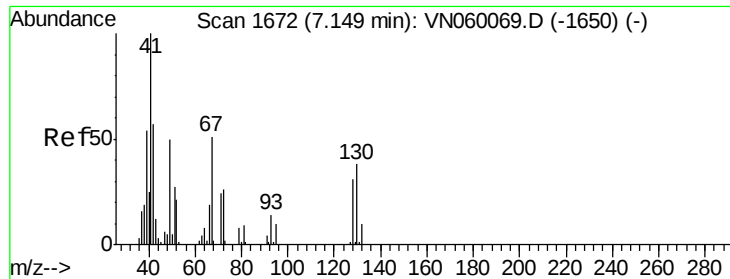
Tot Ion: 83 Resp: 180525
Ion Ratio Lower Upper
83 100
55 80.1 57.8 86.8
98 46.6 36.4 54.6



#40
Benzene
Concen: 50.429 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 78 Resp: 464083
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

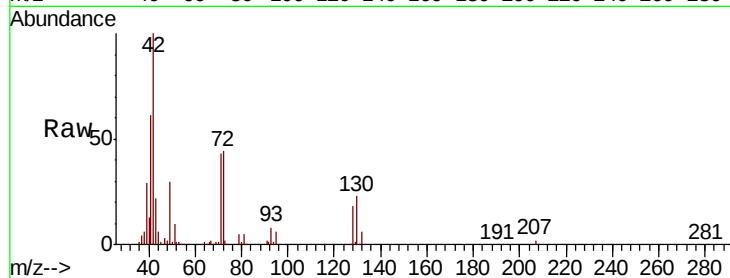




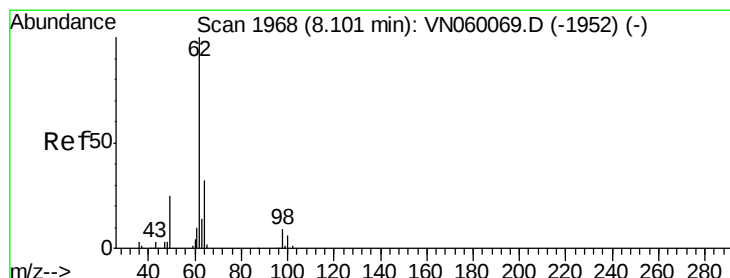
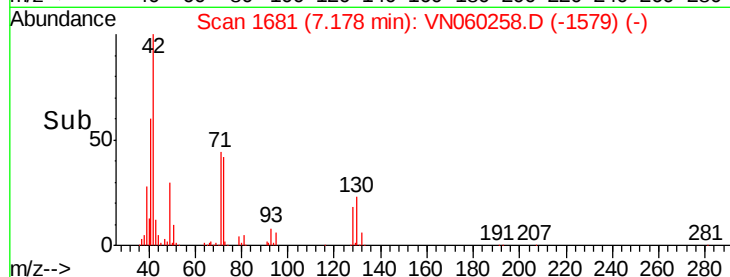
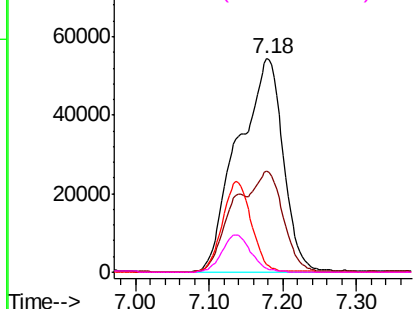
#41
Methacrylonitrile
Concen: 197.907 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	232705
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

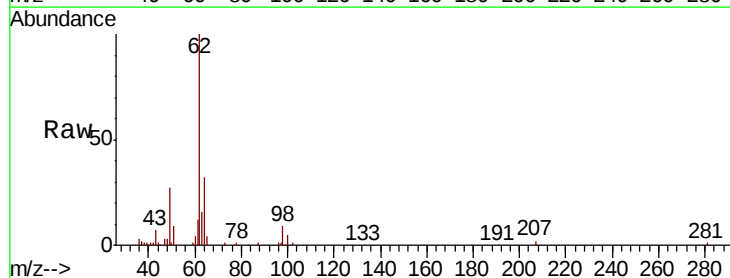


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

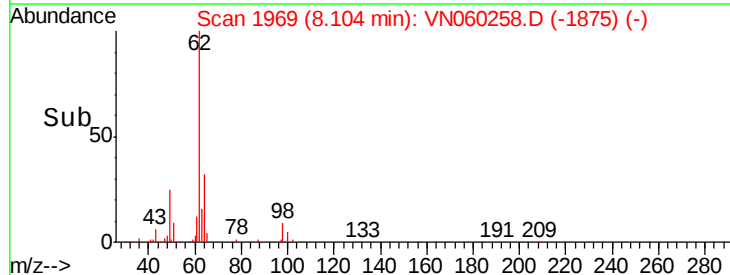
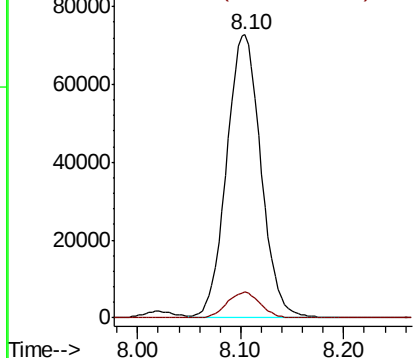


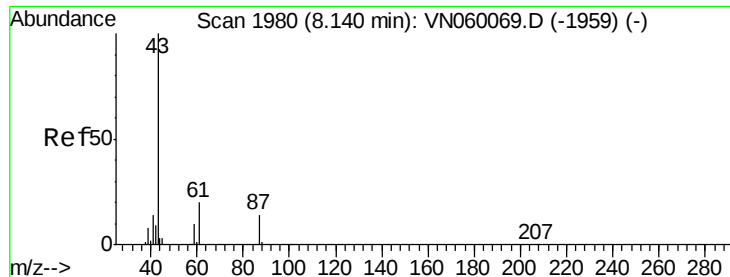
#42
1,2-Dichloroethane
Concen: 52.419 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion:	62	Resp:	169073
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: 57.726 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

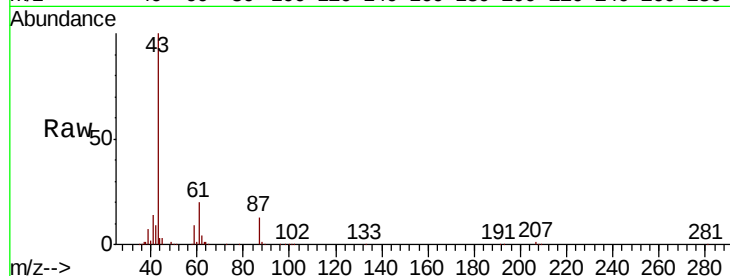
Tot Ion: 43 Resp: 276671

Ion Ratio Lower Upper

43 100

61 25.9 21.8 32.6

87 13.0 11.4 17.2

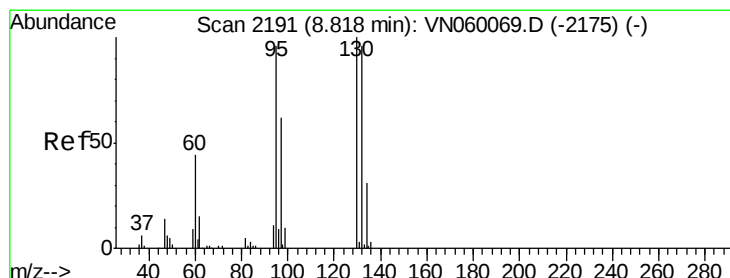
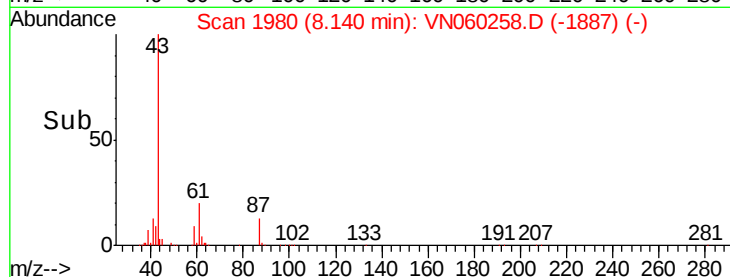


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)

Time-->



#44

Trichloroethene

Concen: 49.933 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060258.D

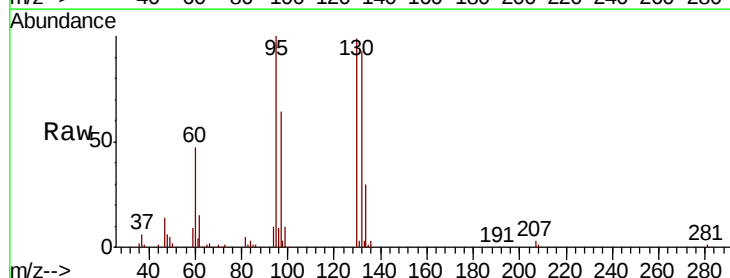
Acq: 26 Feb 2020 17:51

Tgt Ion: 130 Resp: 127237

Ion Ratio Lower Upper

130 100

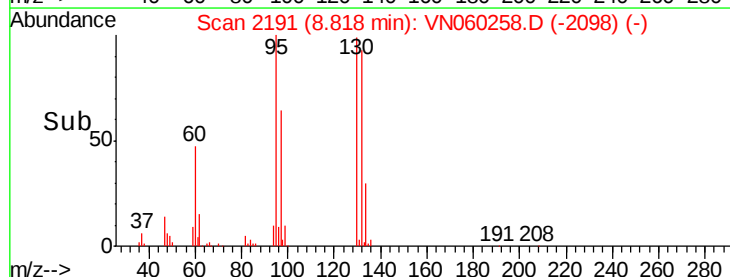
95 101.5 0.0 192.4

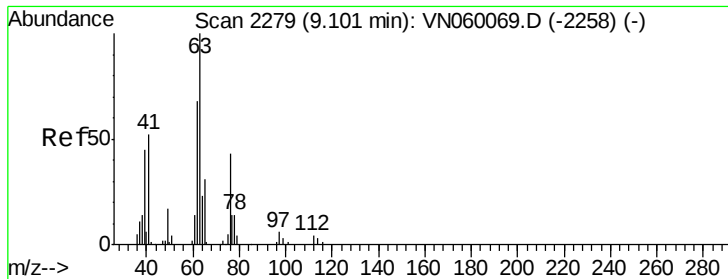


Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

Time-->

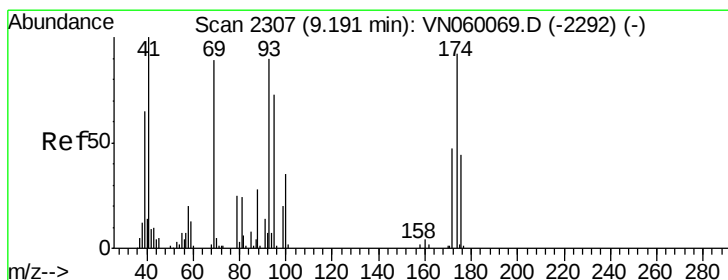
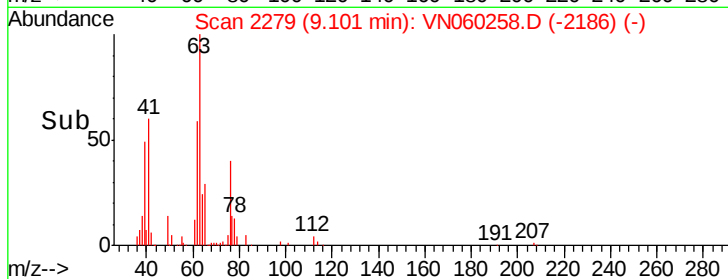
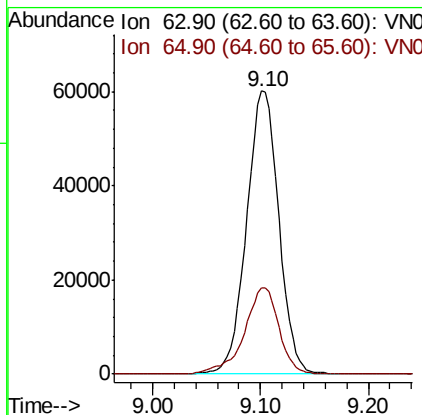
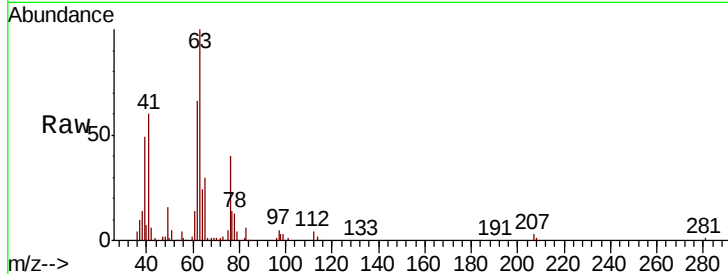




#45
 1,2-Dichloropropane
 Concen: 54.801 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

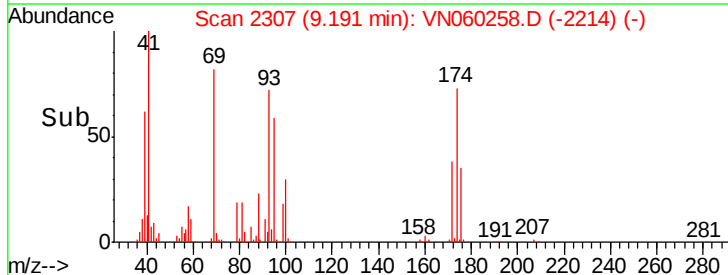
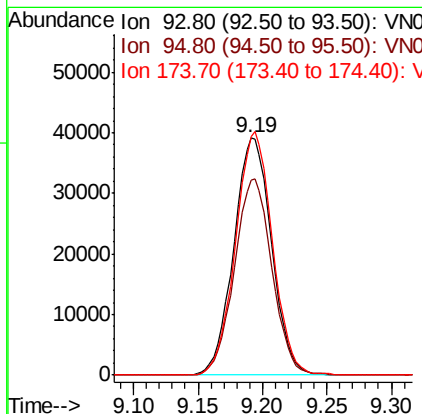
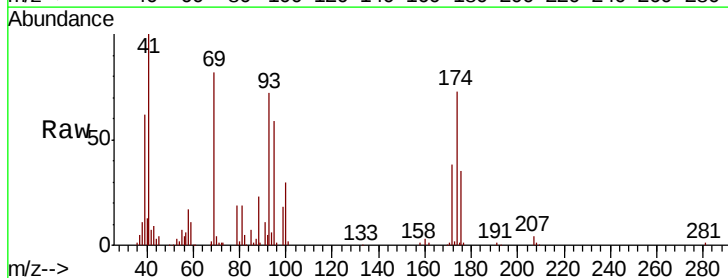
Instrument :
 MSVOA_N
 ClientSampleId :

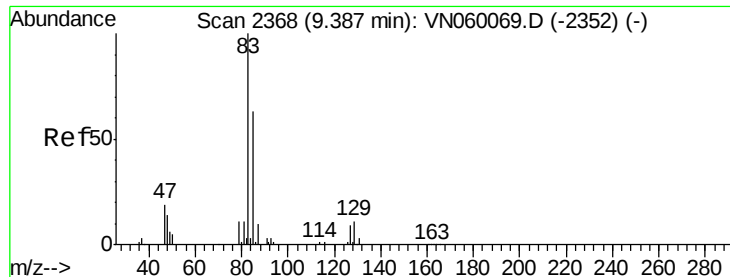
Tot Ion: 63 Resp: 124855
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 49.528 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion: 93 Resp: 79743
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.0 97.6
 174 100.3 82.3 123.5





#47

Bromodichloromethane

Concen: 50.130 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampled :

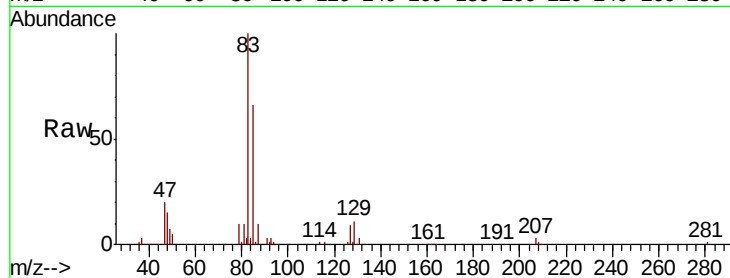
Tot Ion: 83 Resp: 164093

Ion Ratio Lower Upper

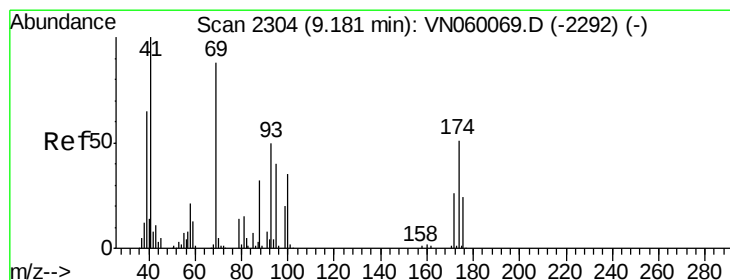
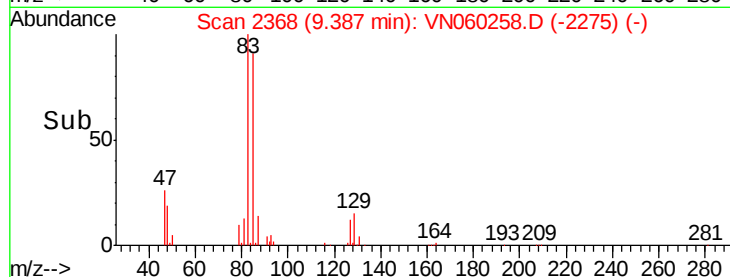
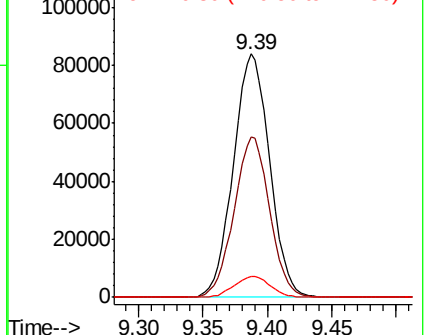
83 100

85 66.0 50.6 75.8

127 8.7 7.0 10.6



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



#48

Methyl methacrylate

Concen: 57.765 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

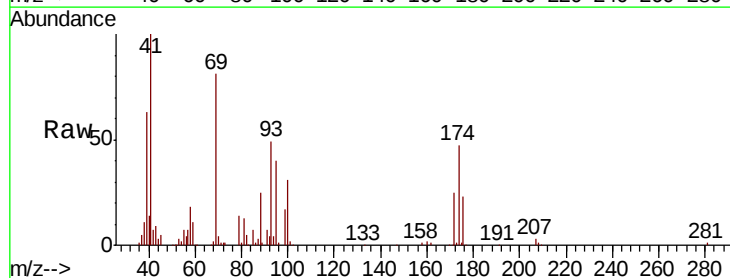
Tgt Ion: 41 Resp: 124217

Ion Ratio Lower Upper

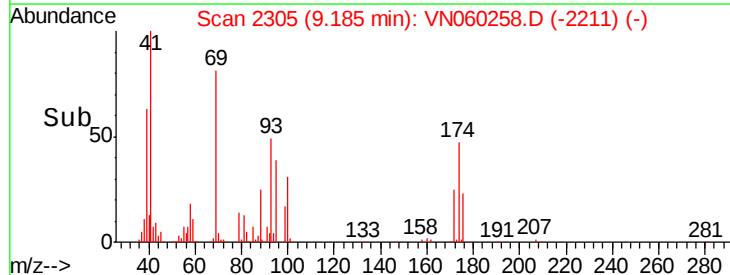
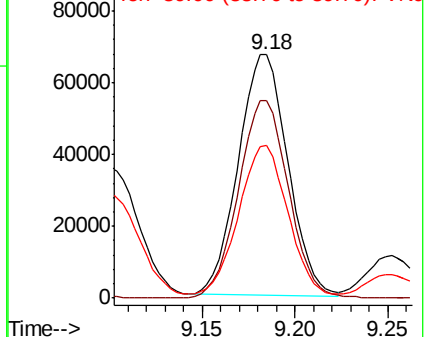
41 100

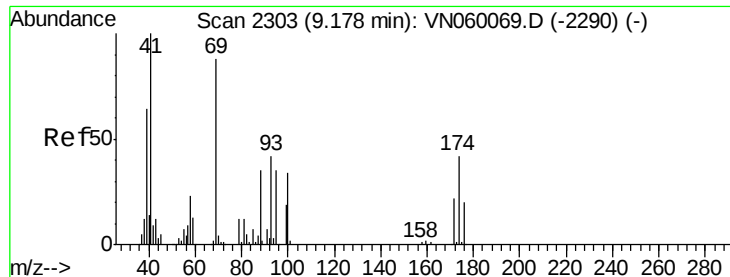
69 83.1 72.0 108.0

39 64.7 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: 983.736 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :

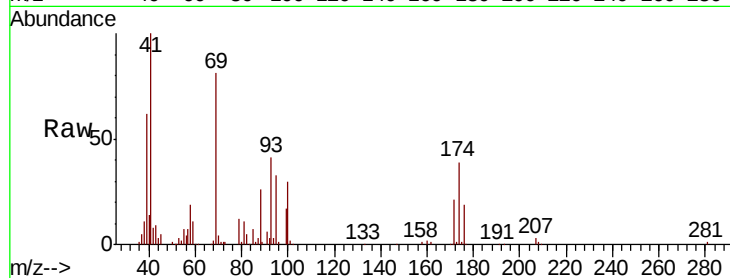
Tot Ion: 88 Resp: 36144

Ion Ratio Lower Upper

88 100

43 36.7 26.2 39.2

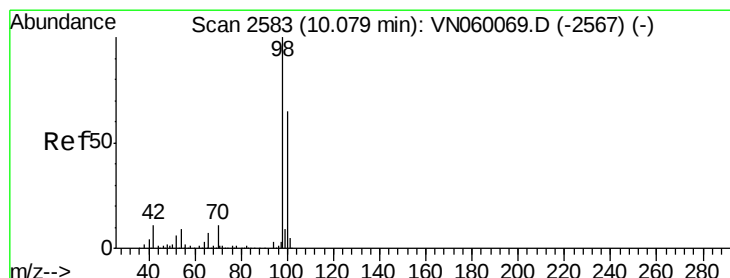
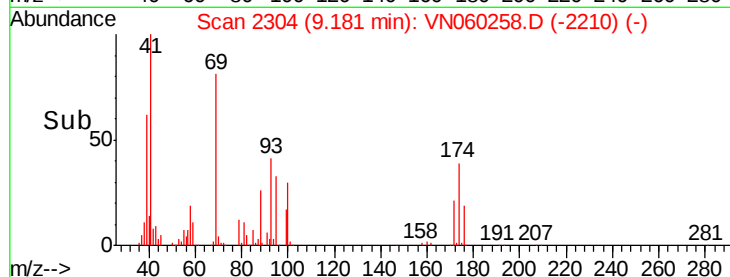
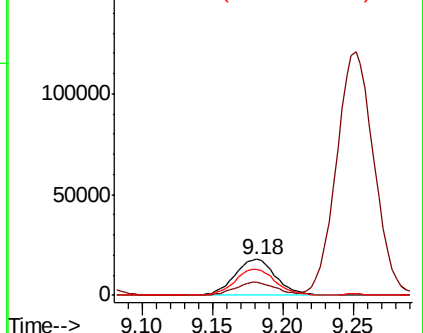
58 72.6 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VN060069.D (-2290) (-)

Ion 43.00 (42.70 to 43.70): VN060069.D (-2290) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2290) (-)



#50

Toluene-d8

Concen: 50.876 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060258.D

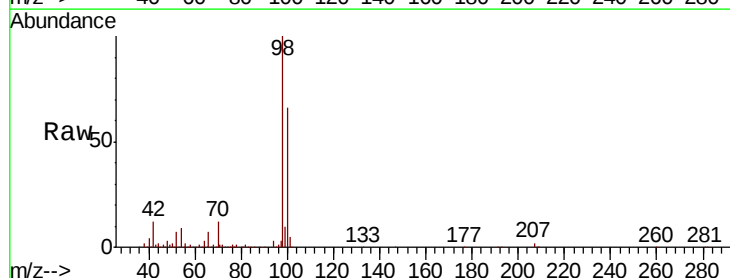
Acq: 26 Feb 2020 17:51

Tgt Ion: 98 Resp: 412490

Ion Ratio Lower Upper

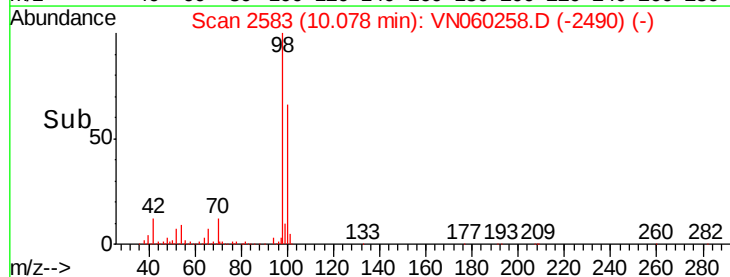
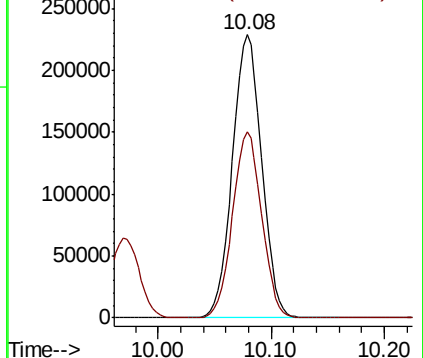
98 100

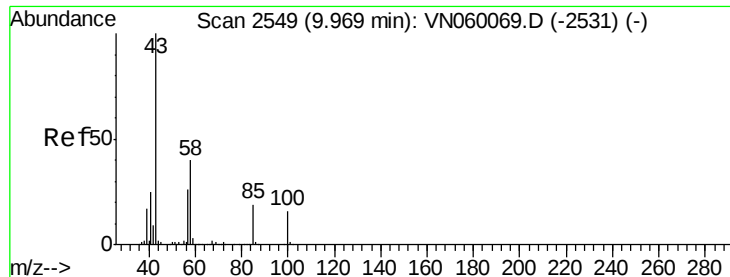
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 293.223 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

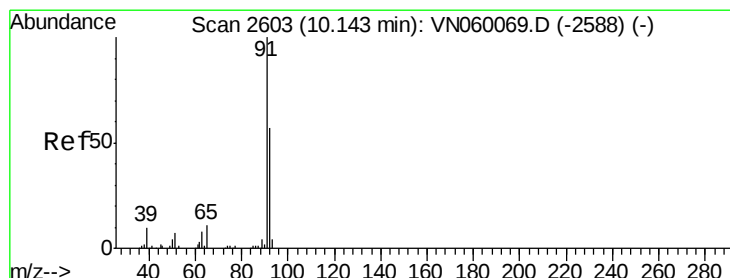
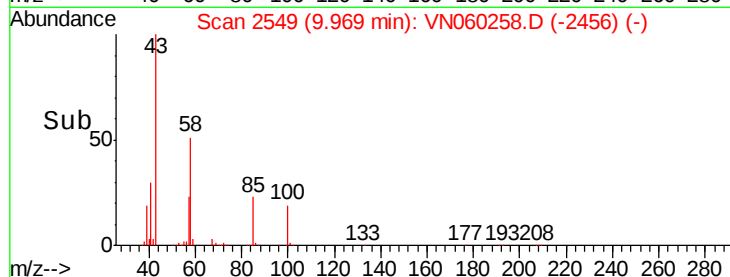
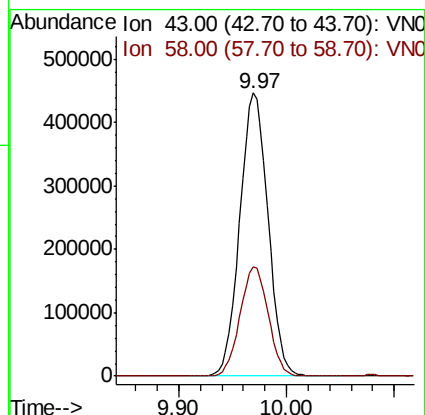
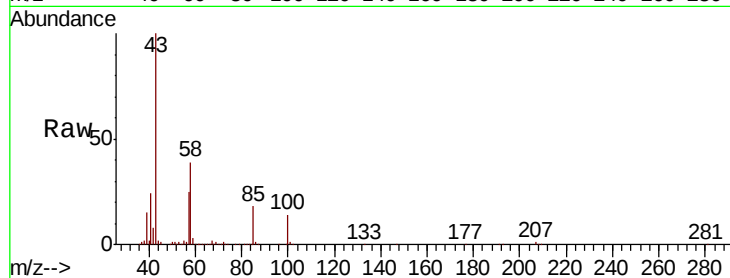
ClientSampled :

Tot Ion: 43 Resp: 813457

Ion Ratio Lower Upper

43 100

58 38.6 31.8 47.8



#52

Toluene

Concen: 49.691 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060258.D

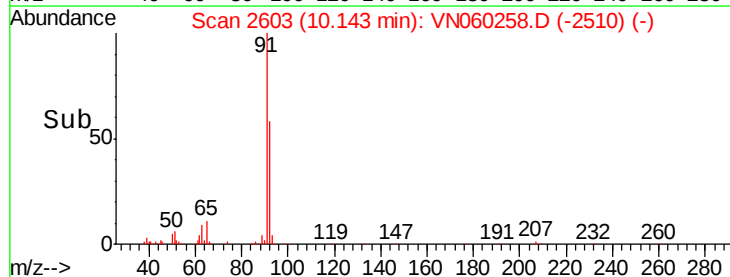
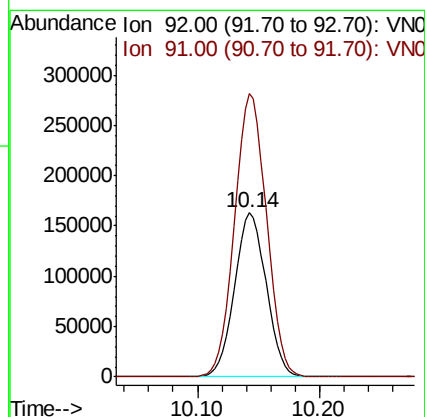
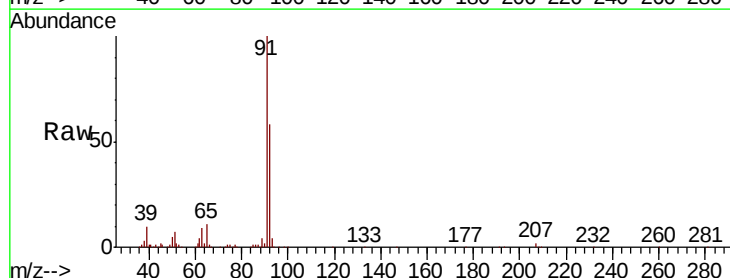
Acq: 26 Feb 2020 17:51

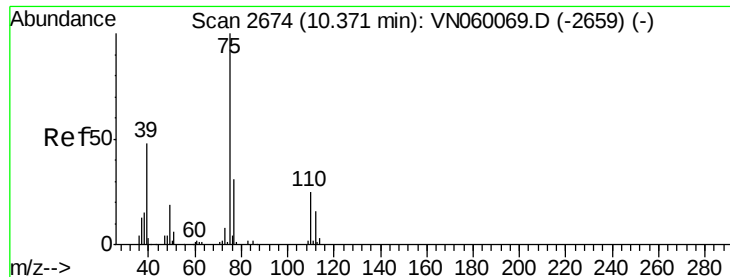
Tgt Ion: 92 Resp: 293241

Ion Ratio Lower Upper

92 100

91 174.0 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 52.145 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

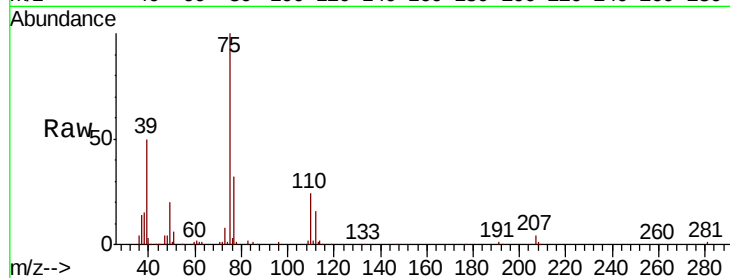
ClientSampled :

Tot Ion: 75 Resp: 192668

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-2659) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-2659) (-)

10.37

120000

100000

80000

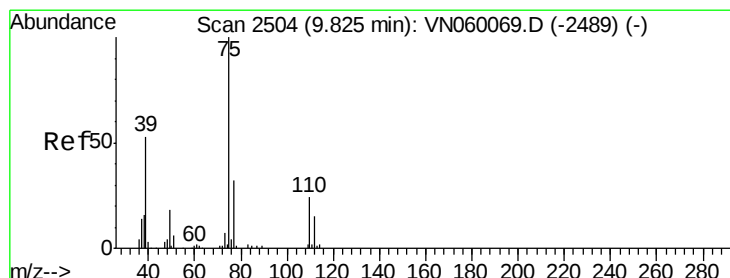
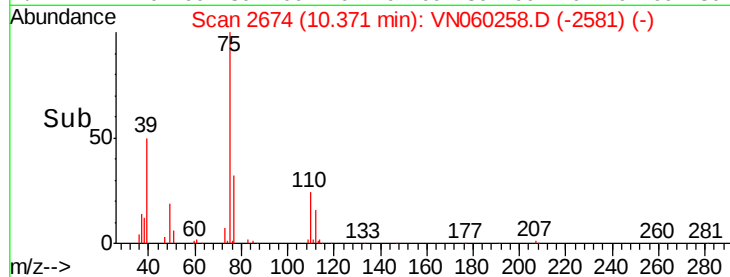
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.141 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

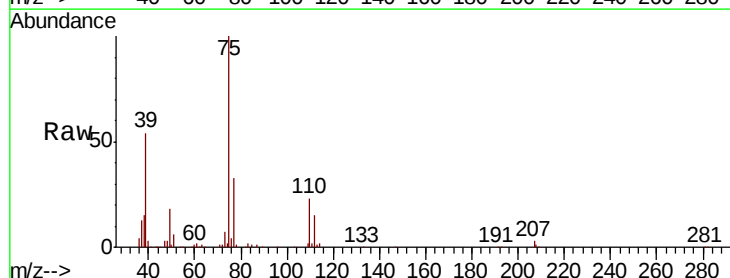
Tgt Ion: 75 Resp: 202865

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 54.2 42.2 63.4



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-2489) (-)

9.83

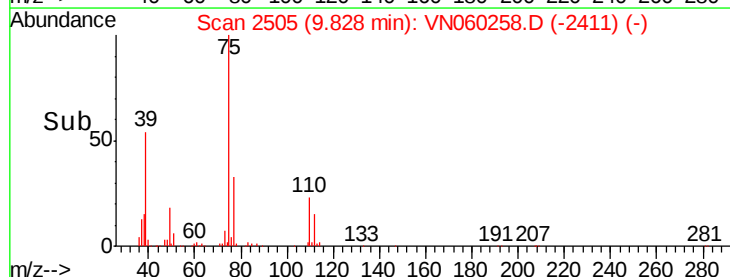
150000

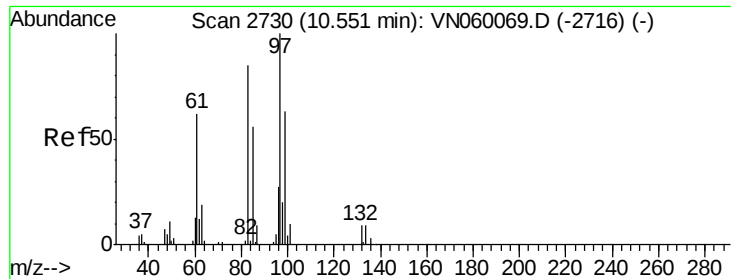
100000

50000

0

Time-->

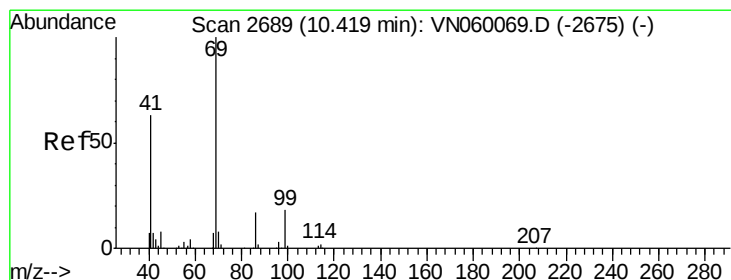
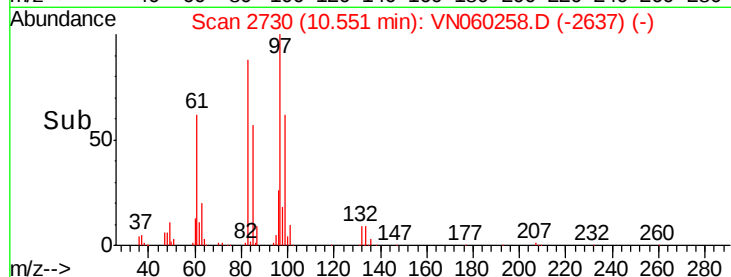
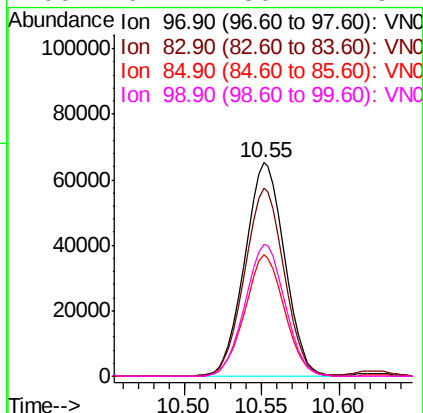
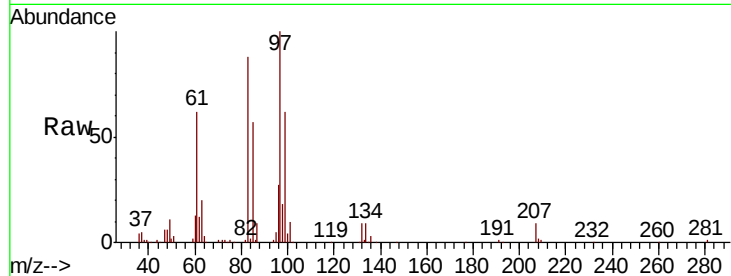




#55
 1,1,2-Trichloroethane
 Concen: 50.918 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

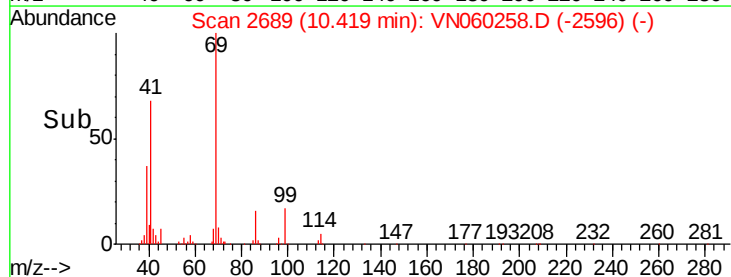
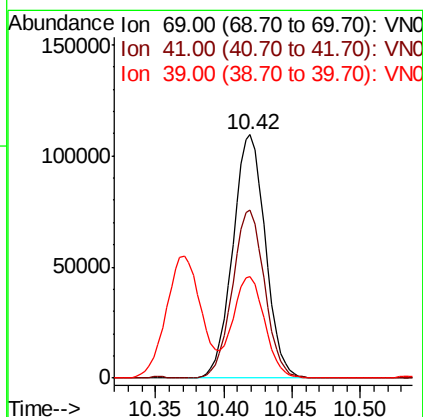
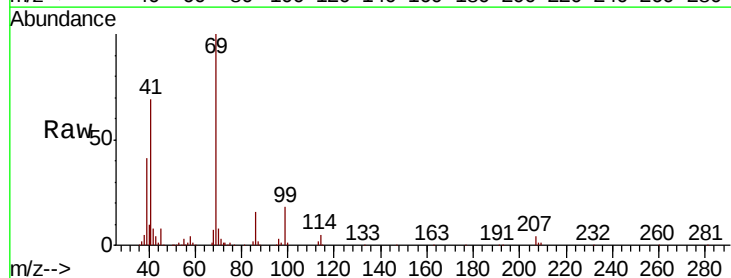
Instrument :
 MSVOA_N
 ClientSampled :

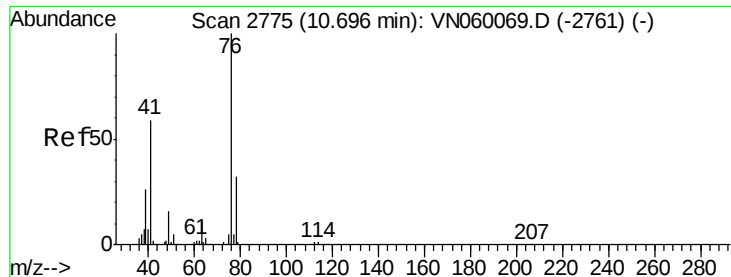
Tot Ion:	97	Resp:	117227
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.9	101.9
85	56.8	44.6	67.0
99	61.7	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 55.736 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion:	69	Resp:	181523
Ion	Ratio	Lower	Upper
69	100		
41	67.7	51.1	76.7
39	40.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.975 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

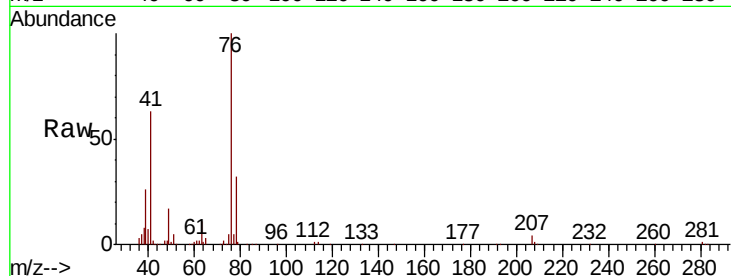
ClientSampleId :

Tot Ion: 76 Resp: 197449

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-2761) (-)

10.70

120000

100000

80000

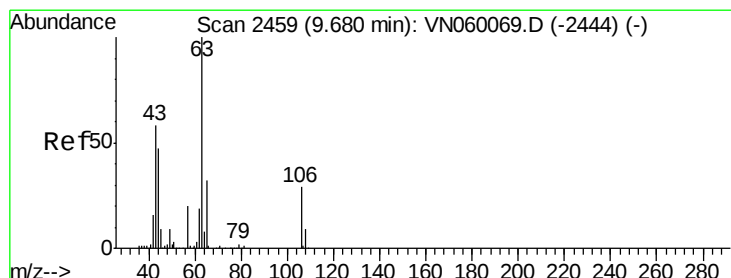
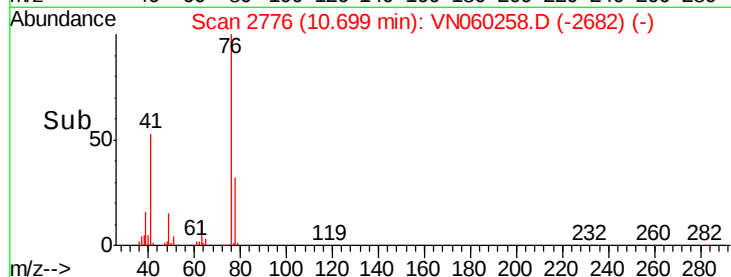
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 301.755 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060258.D

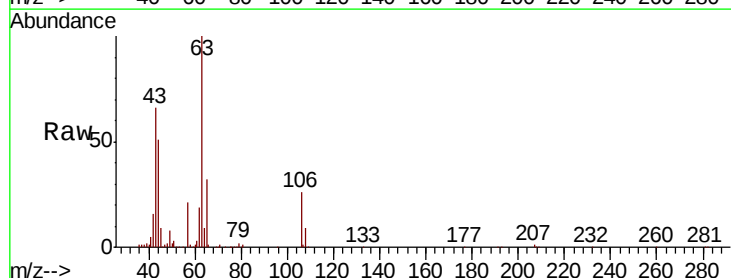
Acq: 26 Feb 2020 17:51

Tgt Ion: 63 Resp: 457843

Ion Ratio Lower Upper

63 100

106 26.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN060069.D (-2444) (-)

9.68

300000

250000

200000

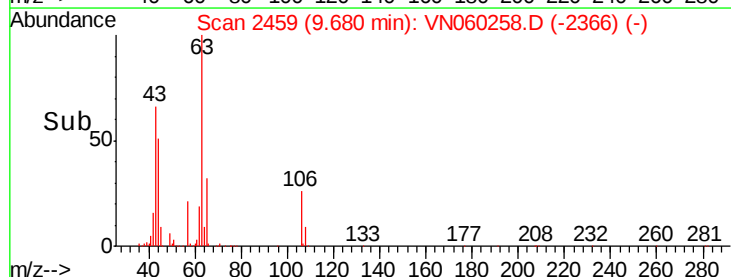
150000

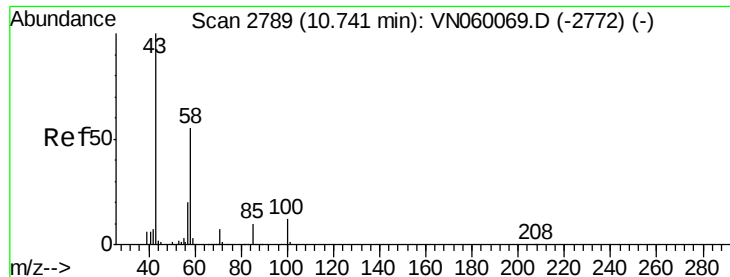
100000

50000

0

Time--> 9.60 9.70 9.80

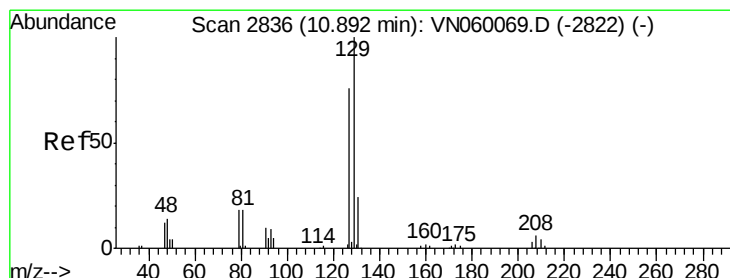
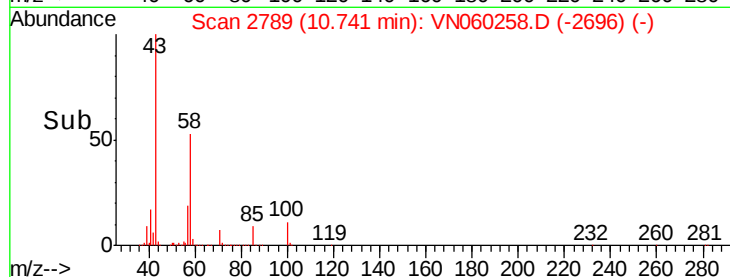
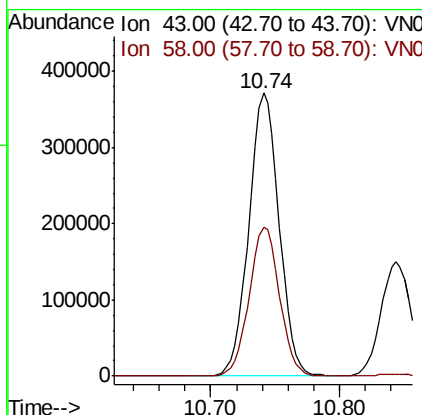
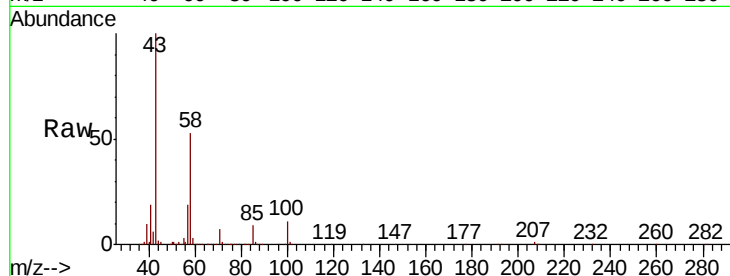




#59
2-Hexanone
Concen: 283.189 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

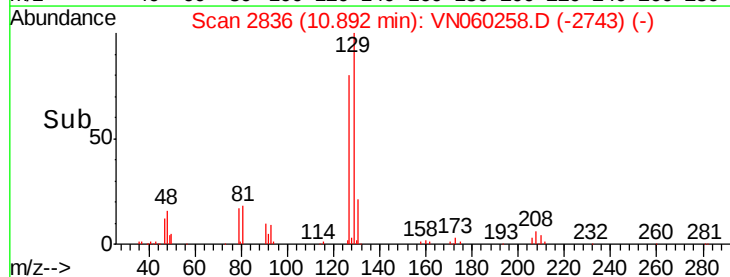
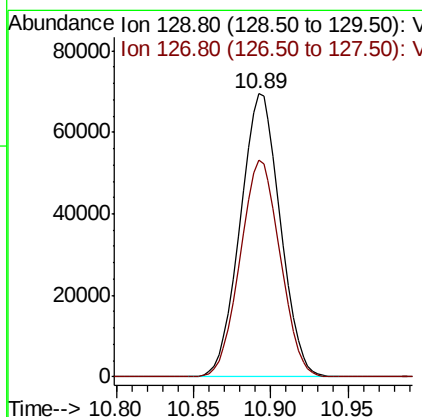
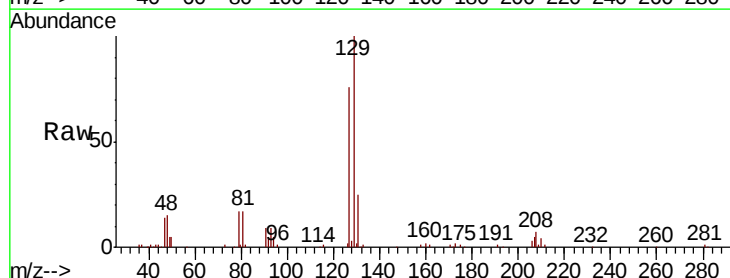
Instrument :
MSVOA_N
ClientSampled :

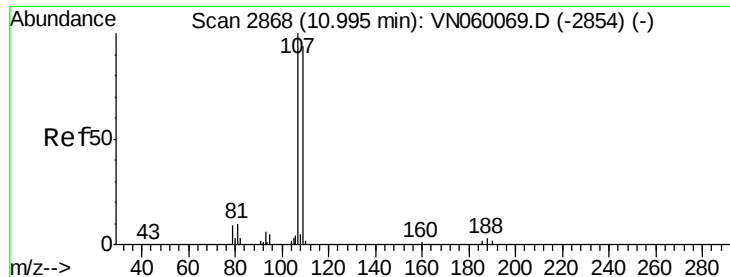
Tot Ion: 43 Resp: 606871
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.4



#60
Dibromochloromethane
Concen: 47.285 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion: 129 Resp: 124925
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.736 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

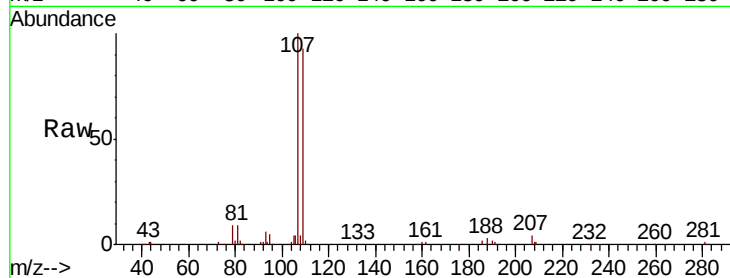
ClientSampleId :

Tot Ion:107 Resp: 120034

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

80000

60000

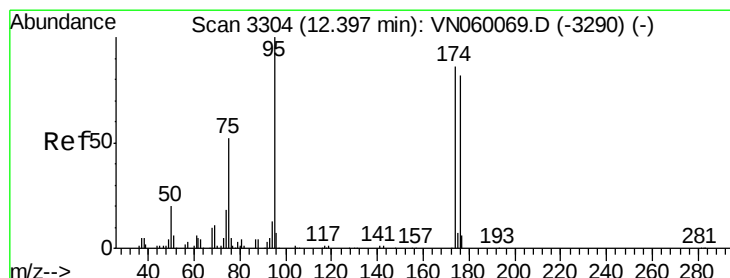
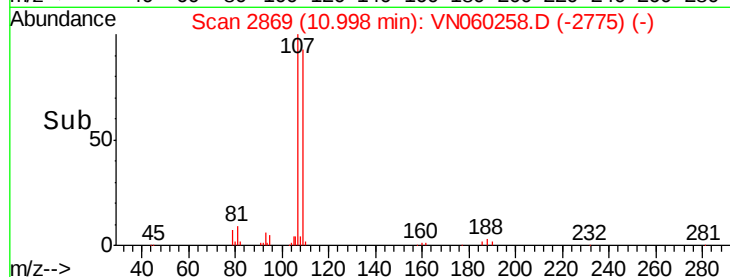
40000

20000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 53.641 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

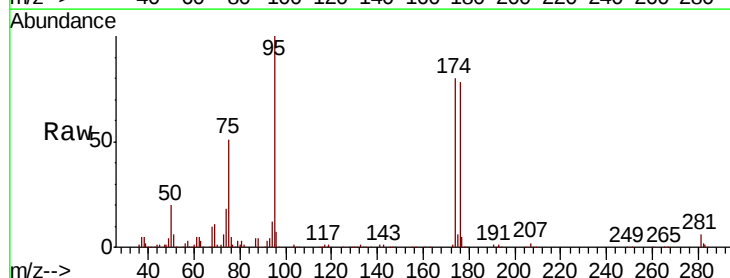
Tgt Ion: 95 Resp: 159807

Ion Ratio Lower Upper

95 100

174 80.8 0.0 169.8

176 78.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

120000

100000

80000

60000

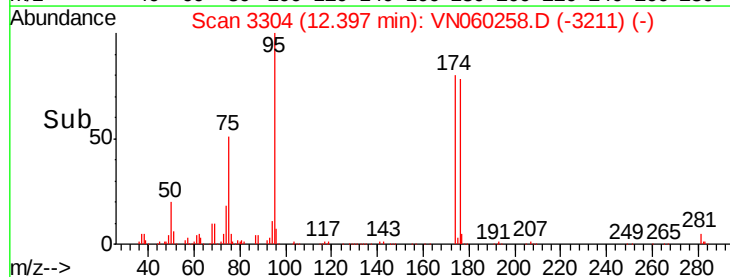
40000

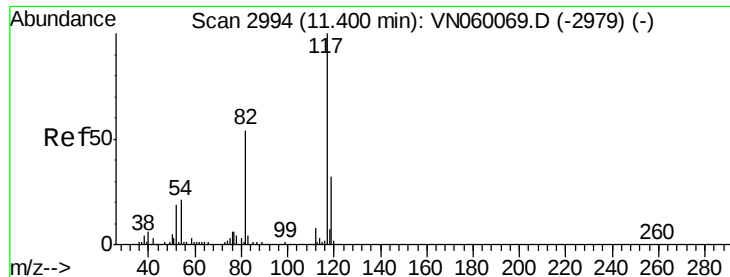
20000

0

Time-->

12.35 12.40 12.45

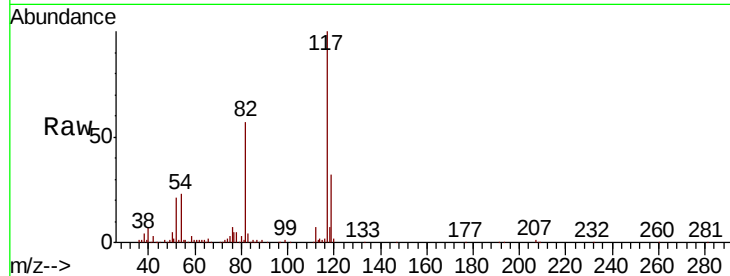




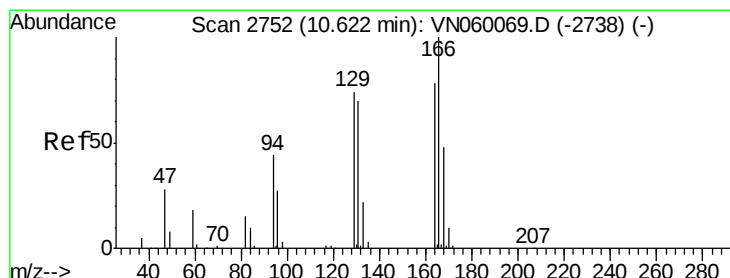
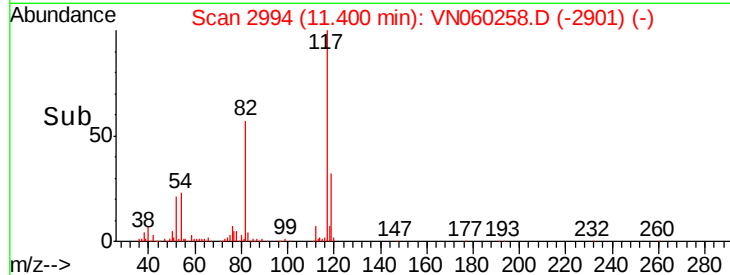
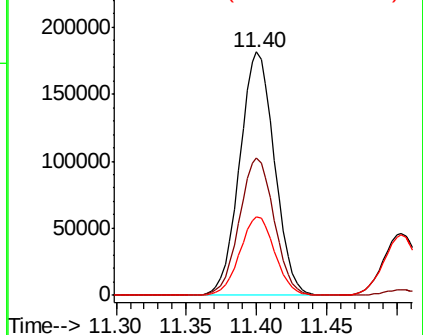
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 313754
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.0
119 32.2 25.8 38.6

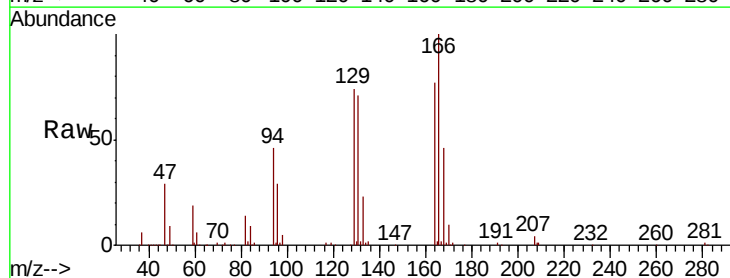


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

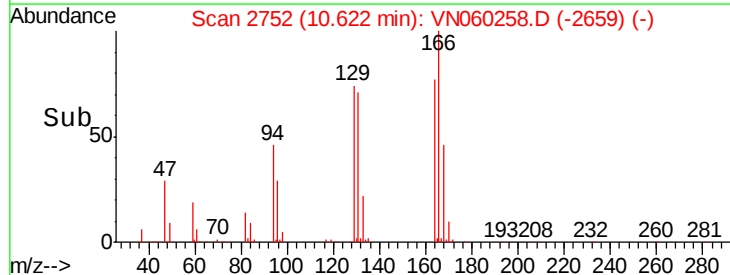
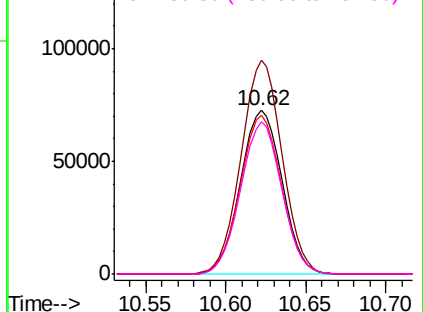


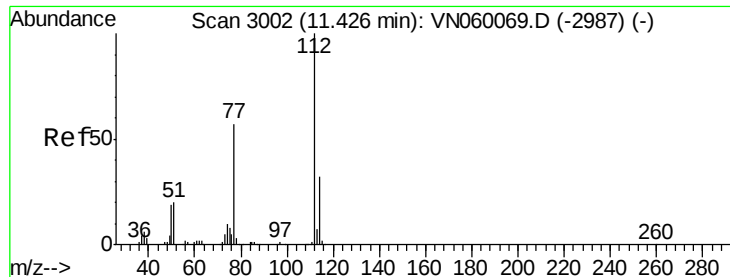
#64
Tetrachloroethene
Concen: 54.171 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion:164 Resp: 129205
Ion Ratio Lower Upper
164 100
166 130.7 101.9 152.9
129 97.2 75.4 113.0
131 93.1 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: 48.492 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

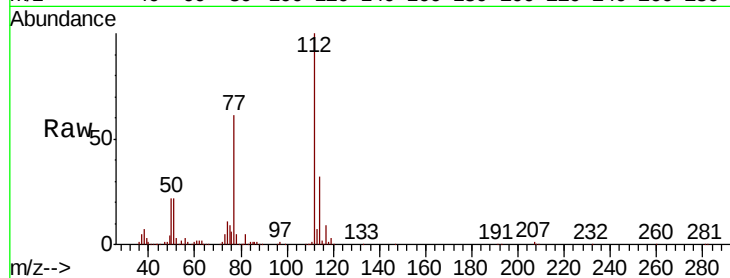
ClientSampled :

Tot Ion:112 Resp: 309974

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

200000

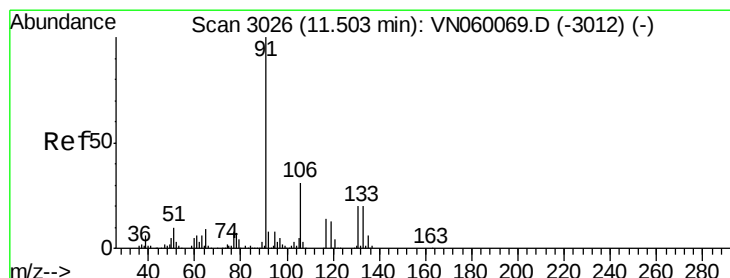
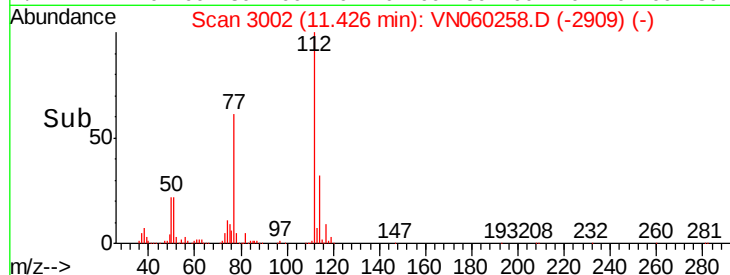
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.713 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

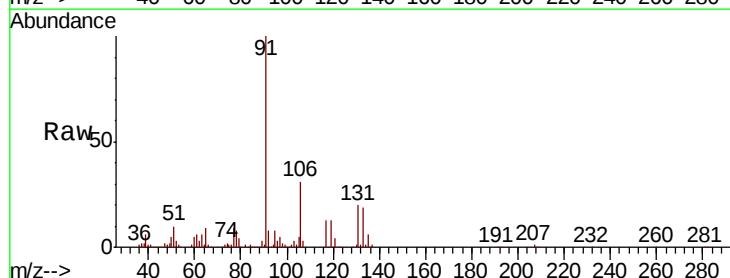
Tgt Ion:131 Resp: 117797

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.7

119 66.2 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

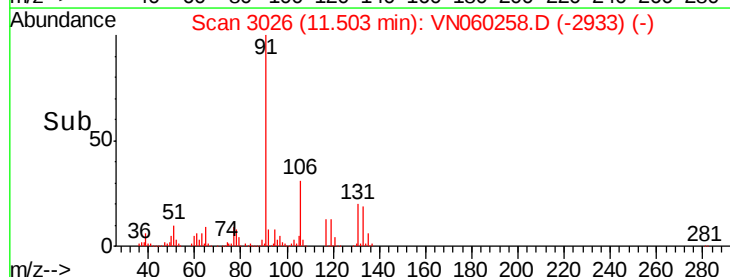
60000

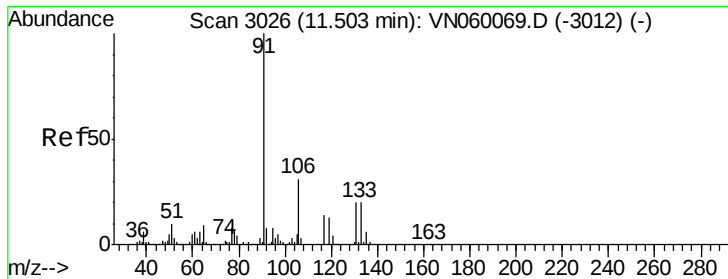
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 49.899 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

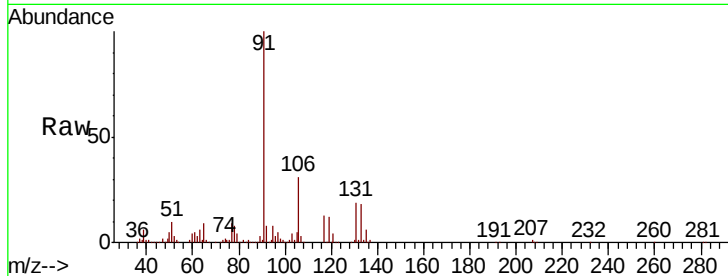
ClientSampleId :

Tot Ion: 91 Resp: 575279

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



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

Ion 106.00 (105.70 to 106.70): VN060069.D (-3012) (-)

500000

400000

300000

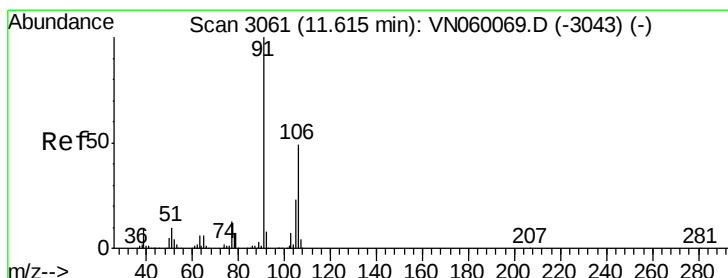
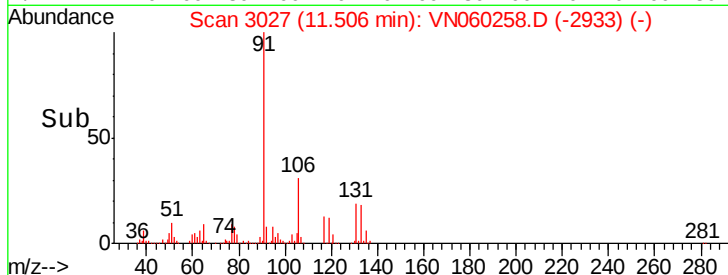
200000

100000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 99.254 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060258.D

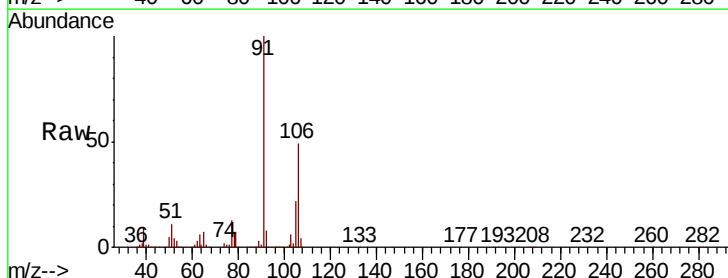
Acq: 26 Feb 2020 17:51

Tgt Ion: 106 Resp: 429472

Ion Ratio Lower Upper

106 100

91 206.0 162.7 244.1



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

Ion 91.00 (90.70 to 91.70): VN060069.D (-3043) (-)

500000

400000

300000

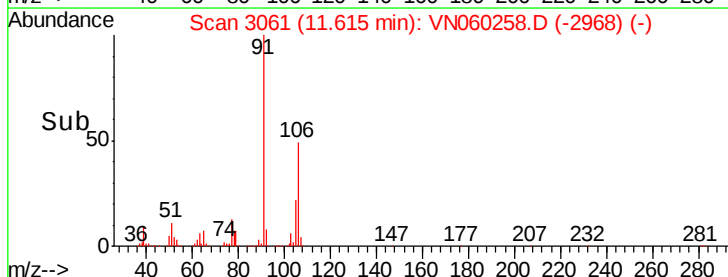
200000

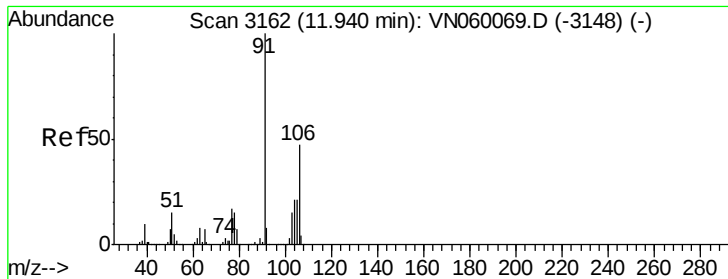
100000

0

11.60 11.62 11.70

Time-->

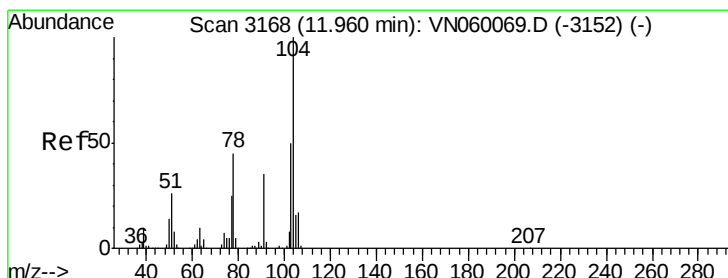
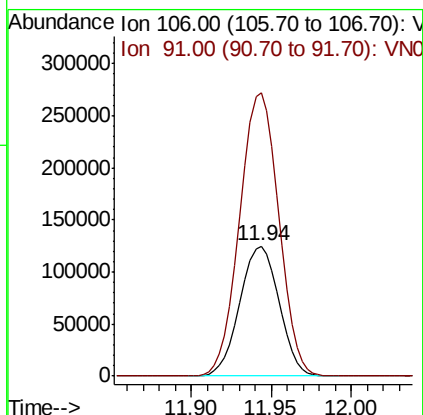
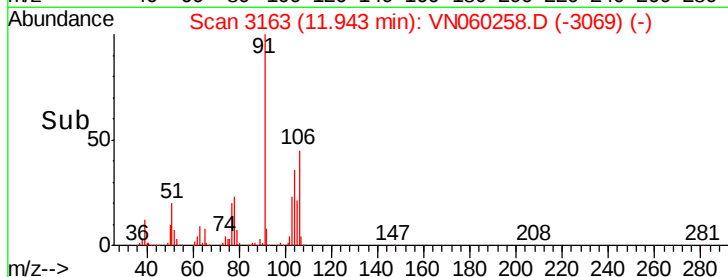
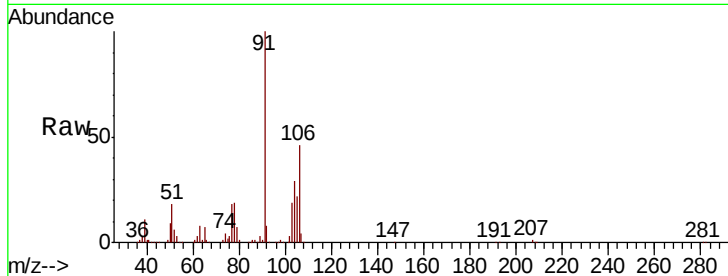




#69
o-Xylene
Concen: 50.225 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

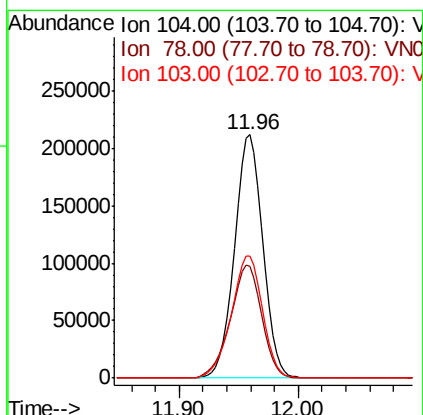
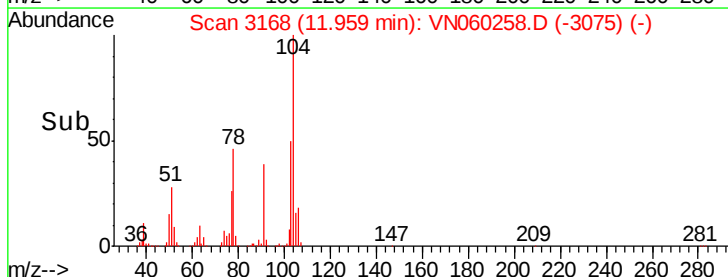
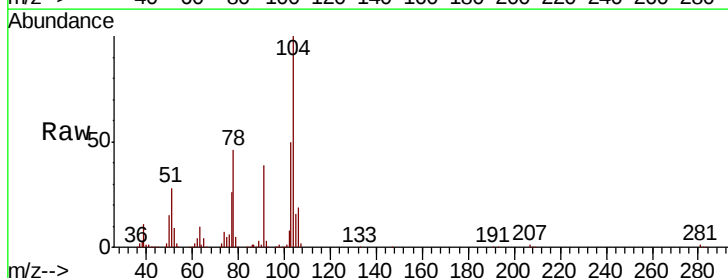
Instrument :
MSVOA_N
ClientSampled :

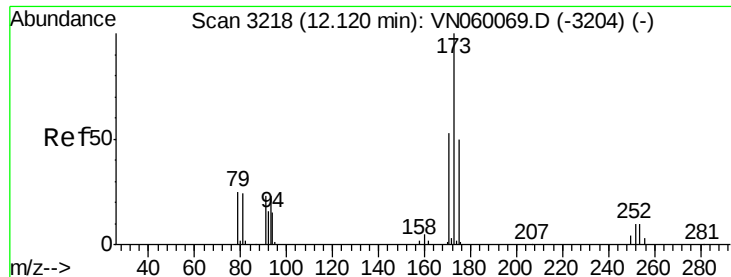
Tot Ion:106 Resp: 209246
Ion Ratio Lower Upper
106 100
91 216.9 107.2 321.6



#70
Styrene
Concen: 51.970 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion:104 Resp: 349151
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.2
103 55.3 44.3 66.5

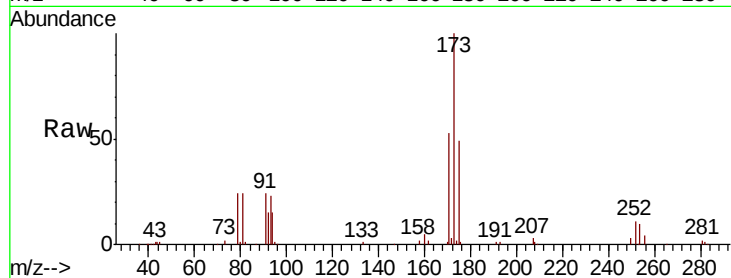




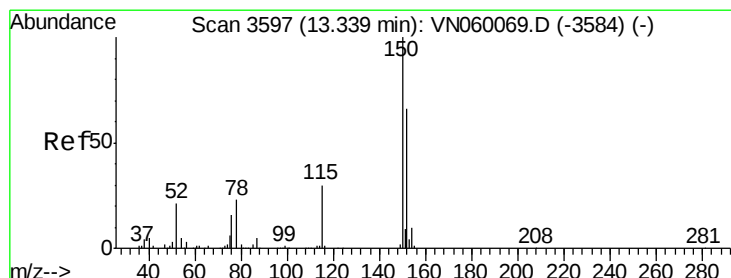
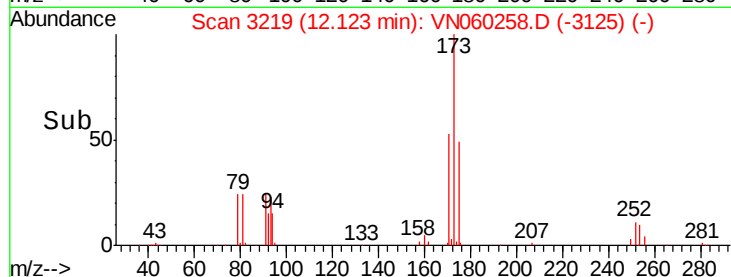
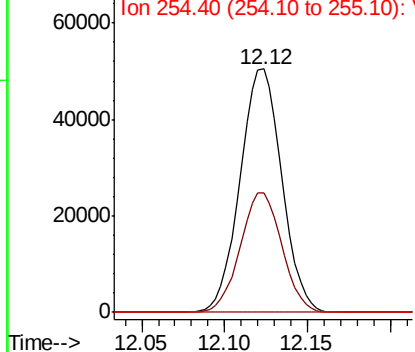
#71
Bromoform
Concen: 45.486 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 88469
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.0 0.0

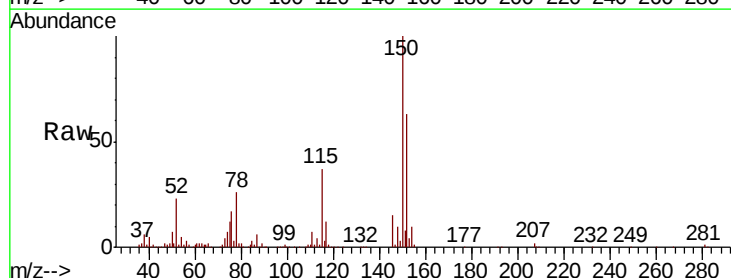


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

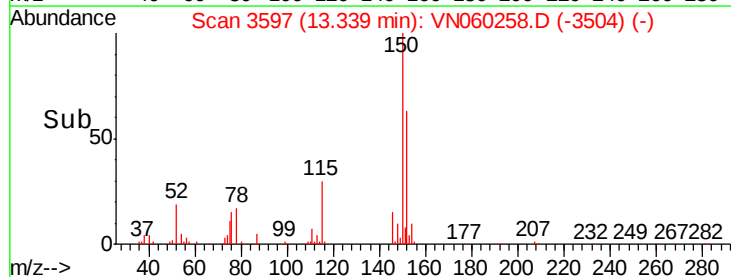
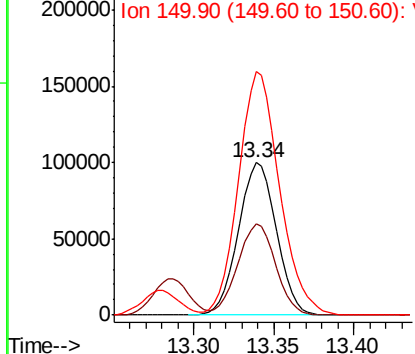


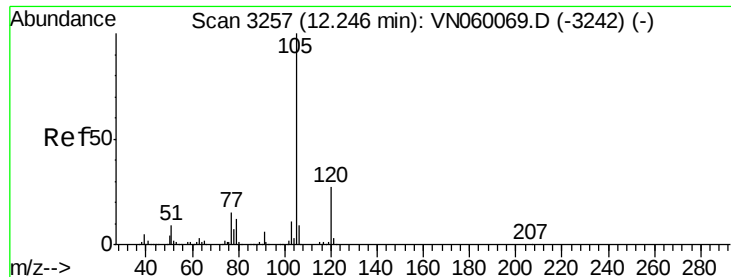
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion:152 Resp: 161821
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 172.5 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: 46.696 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

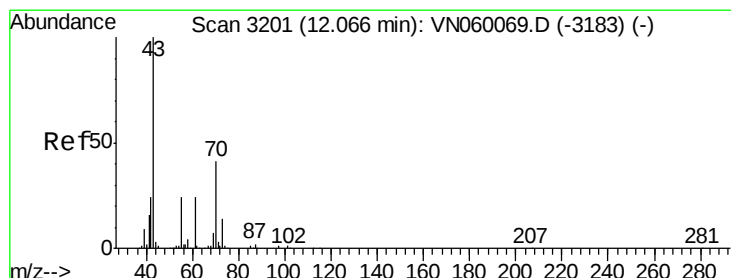
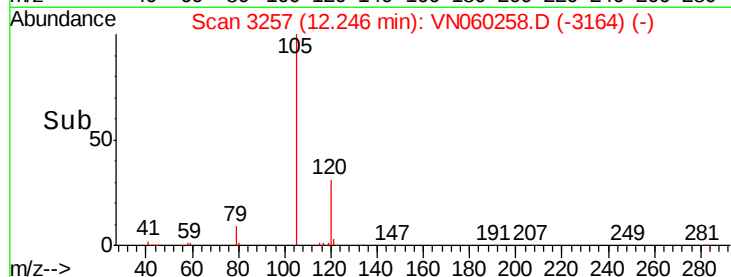
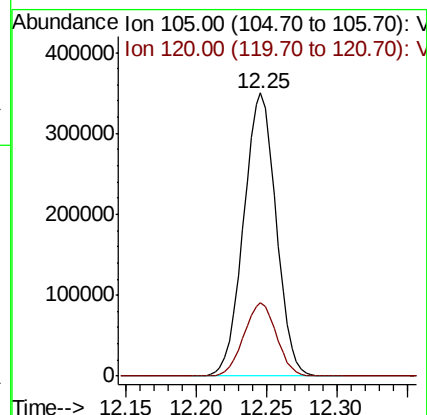
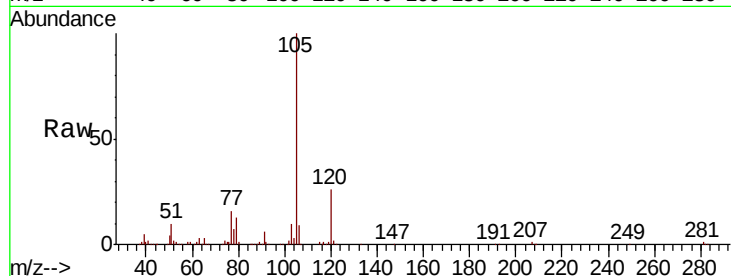
ClientSampled :

Tot Ion: 105 Resp: 564268

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 58.162 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Tgt Ion: 43 Resp: 253436

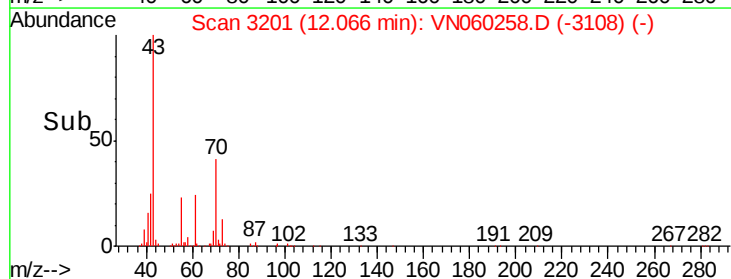
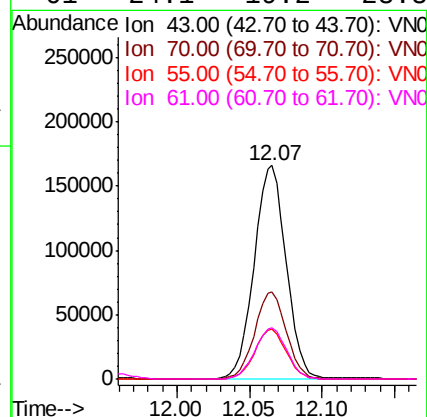
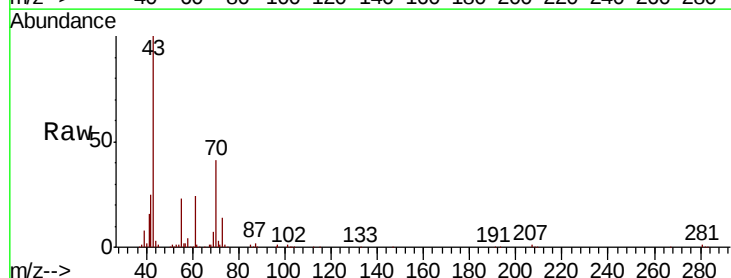
Ion Ratio Lower Upper

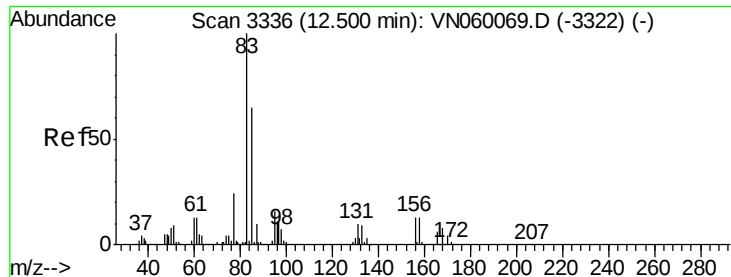
43 100

70 40.5 33.4 50.0

55 23.2 18.8 28.2

61 24.1 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.540 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

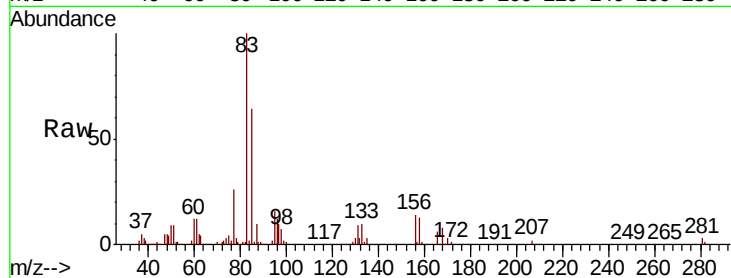
Tot Ion: 83 Resp: 161873

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

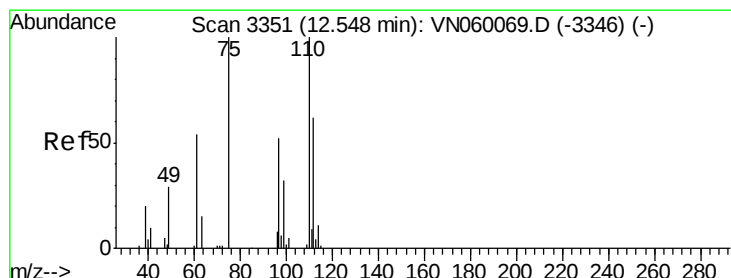
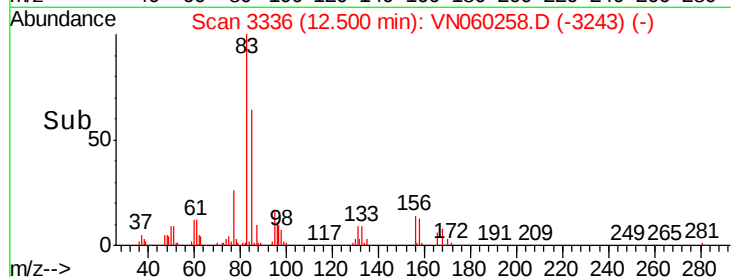
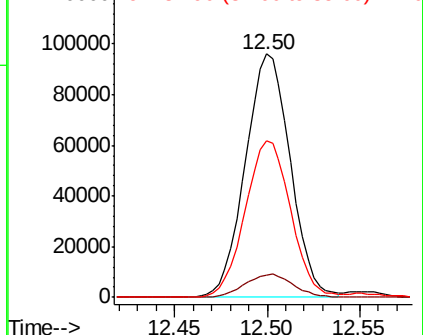
85 65.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 75.533 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060258.D

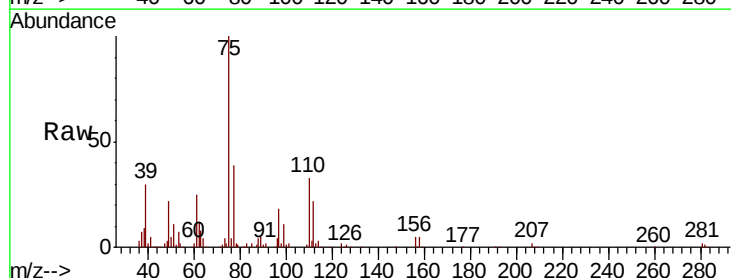
Acq: 26 Feb 2020 17:51

Tgt Ion: 75 Resp: 233849

Ion Ratio Lower Upper

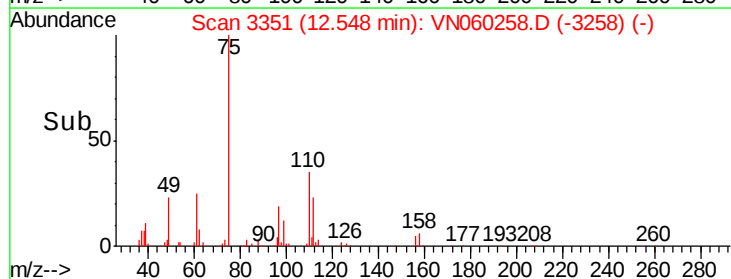
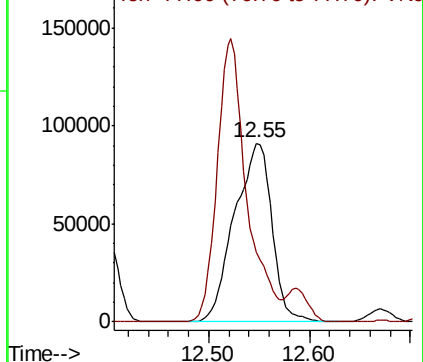
75 100

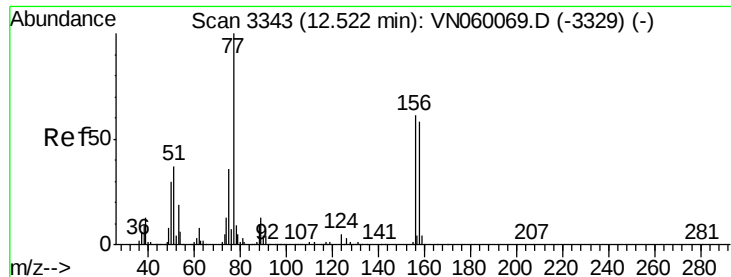
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.084 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060258.D

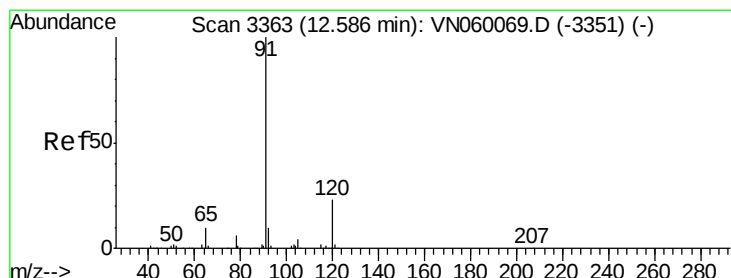
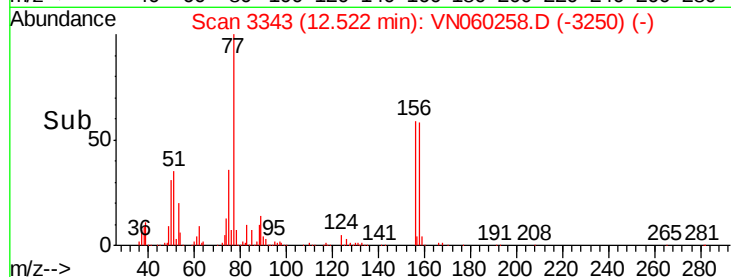
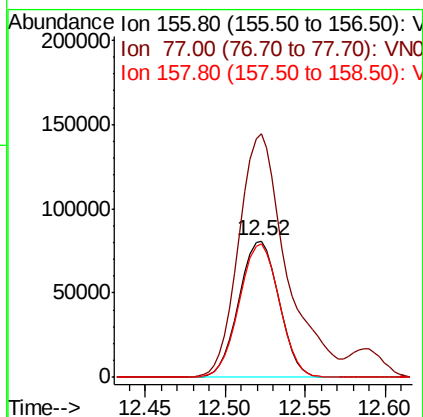
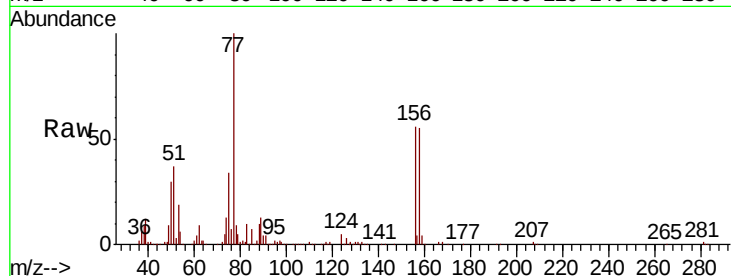
Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	156	Resp:	138200
Ion	Ratio	Lower	Upper
156	100		
77	212.6	98.7	296.1
158	97.6	48.1	144.4



#78

n-propylbenzene

Concen: 48.186 ug/l

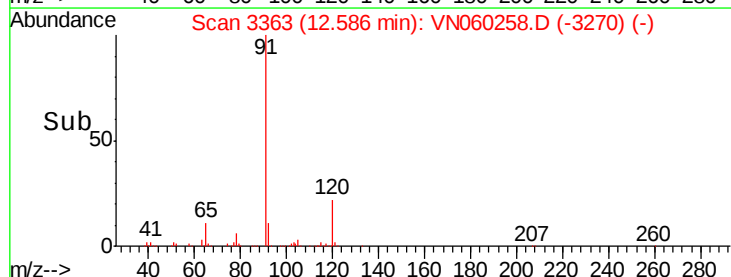
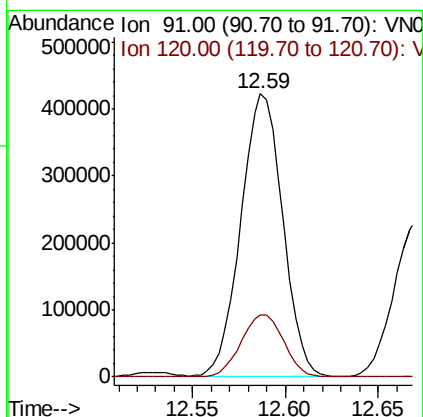
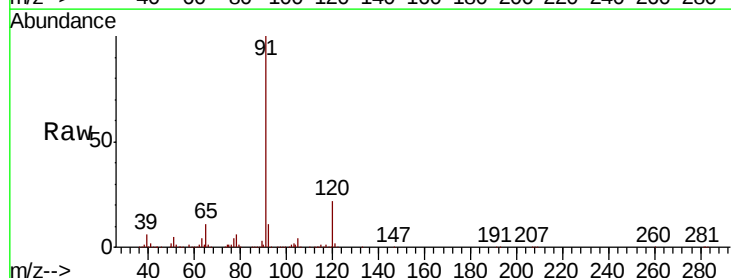
RT: 12.59 min Scan# 3363

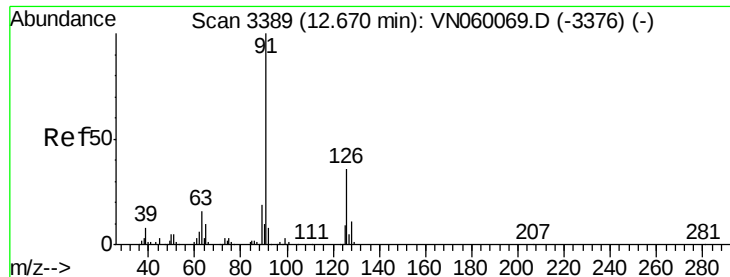
Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Tgt Ion:	91	Resp:	663400
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.747 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

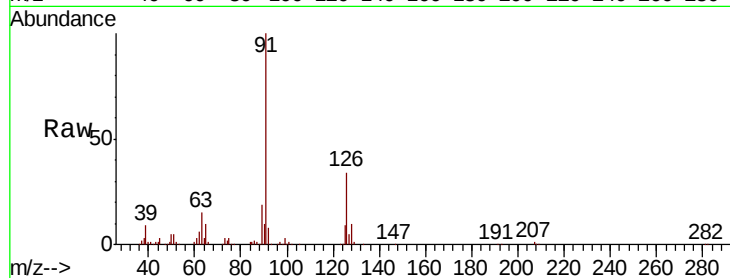
ClientSampleId :

Tot Ion: 91 Resp: 386380

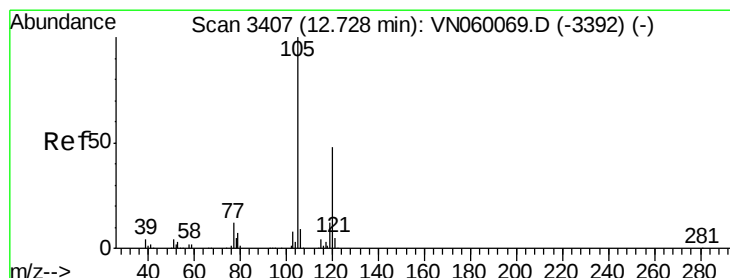
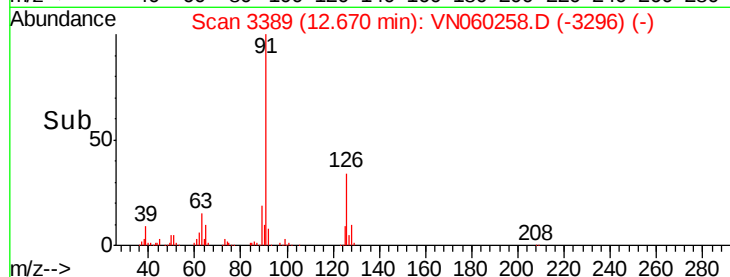
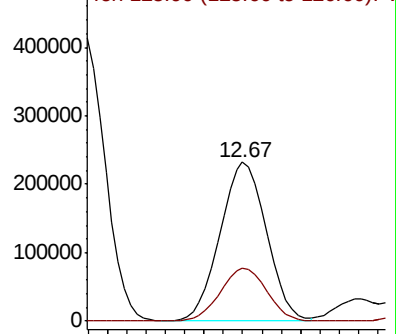
Ion Ratio Lower Upper

91 100

126 33.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.973 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060258.D

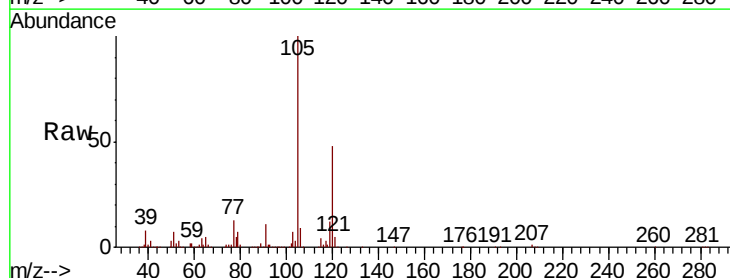
Acq: 26 Feb 2020 17:51

Tgt Ion: 105 Resp: 481998

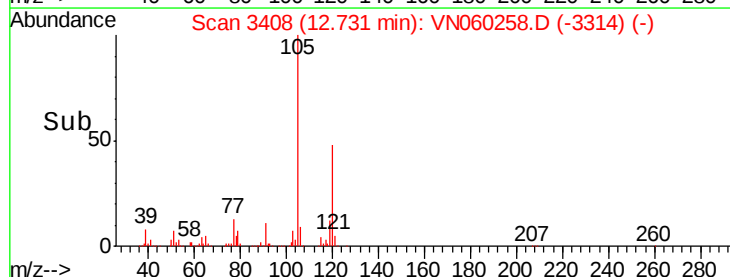
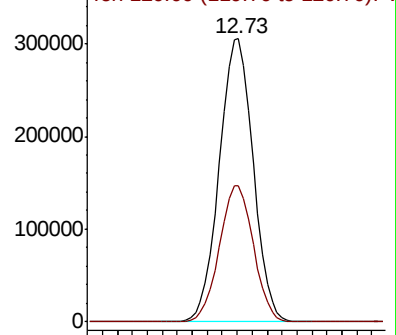
Ion Ratio Lower Upper

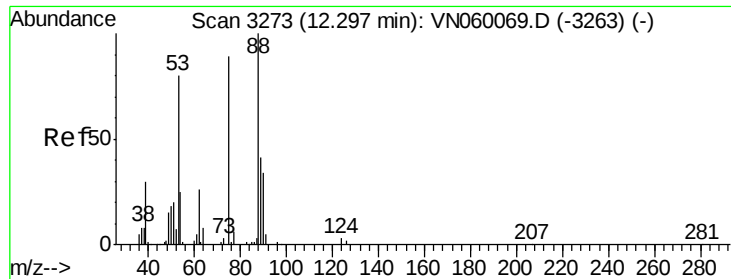
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.866 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

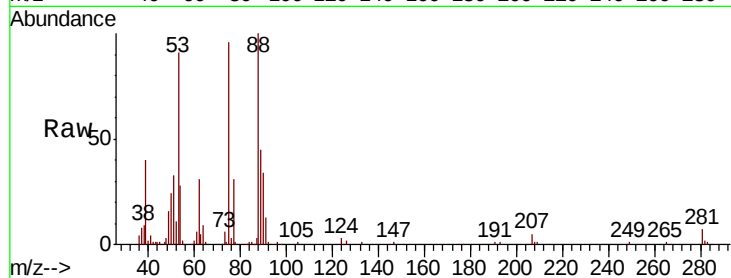
Tot Ion: 75 Resp: 64317

Ion Ratio Lower Upper

75 100

53 93.8 73.9 110.9

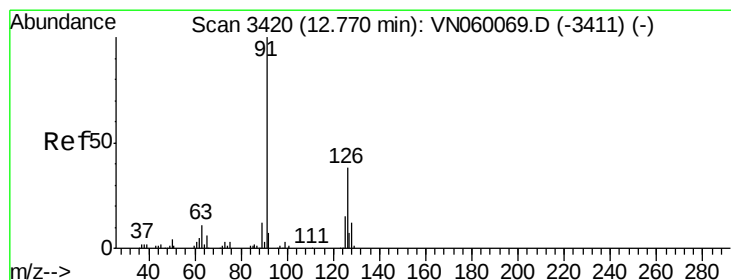
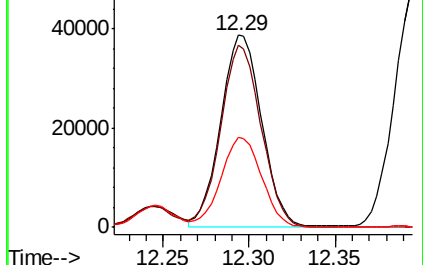
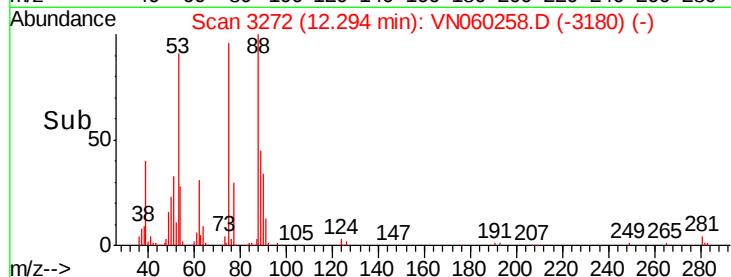
89 46.8 37.0 55.4



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: 48.749 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060258.D

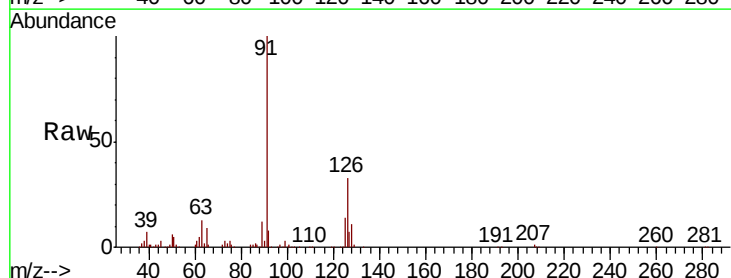
Acq: 26 Feb 2020 17:51

Tgt Ion: 91 Resp: 404727

Ion Ratio Lower Upper

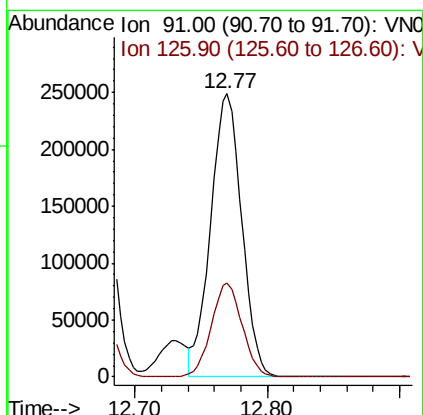
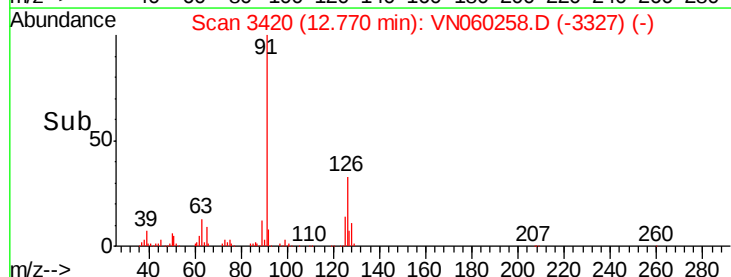
91 100

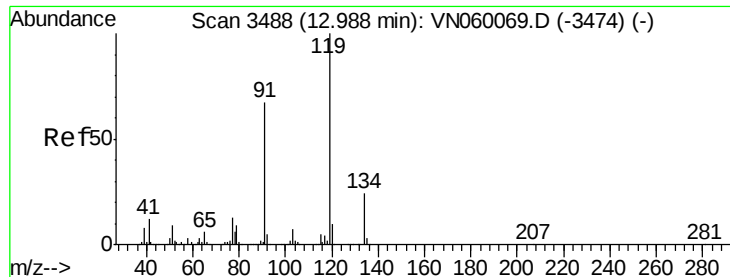
126 32.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

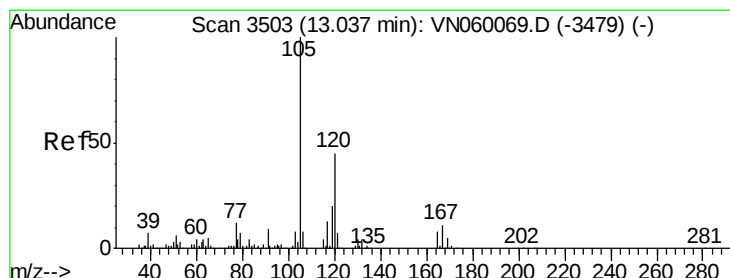
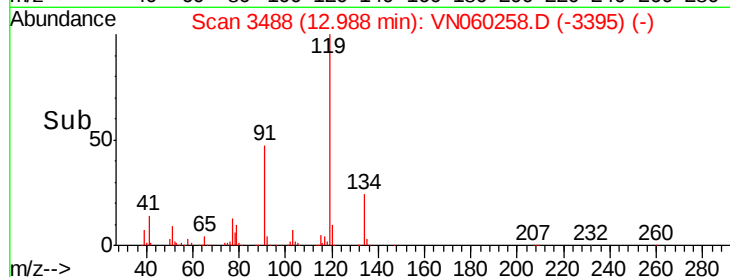
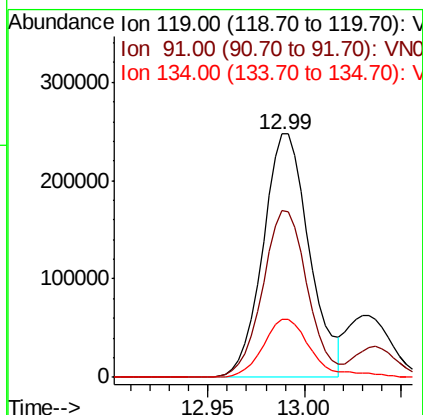
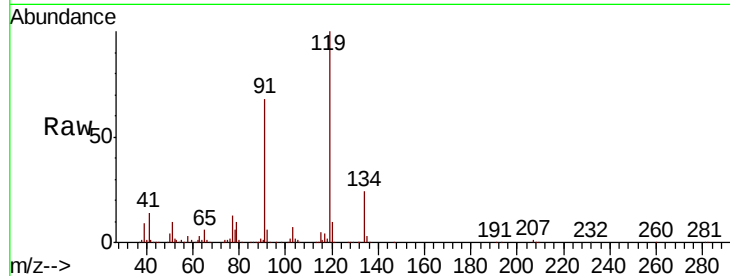




#83
 tert-Butylbenzene
 Concen: 46.545 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

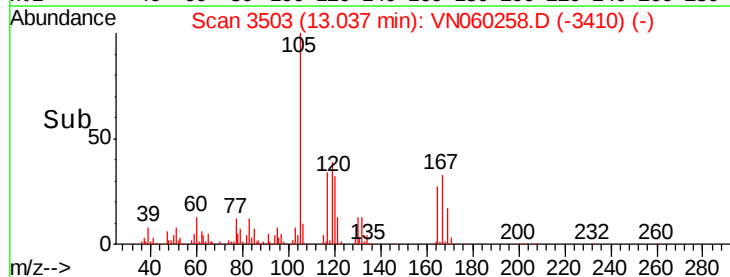
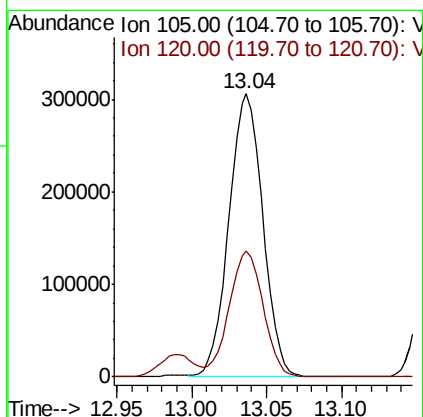
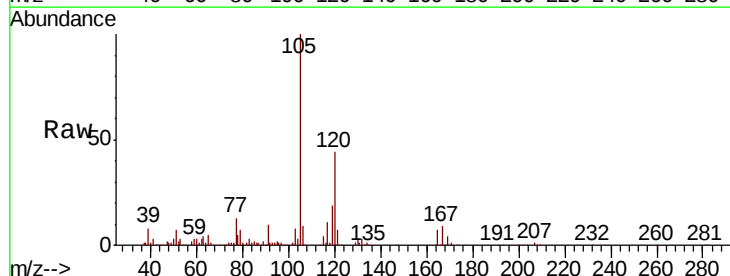
Instrument :
 MSVOA_N
 ClientSampleId :

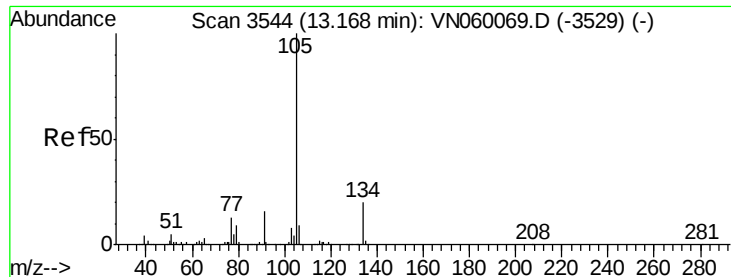
Tot Ion:119 Resp: 413692
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.7 98.1
 134 25.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.842 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion:105 Resp: 484412
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 47.524 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

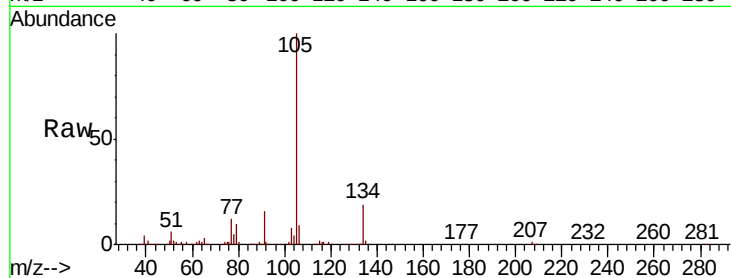
ClientSampleId :

Tot Ion:105 Resp: 559396

Ion Ratio Lower Upper

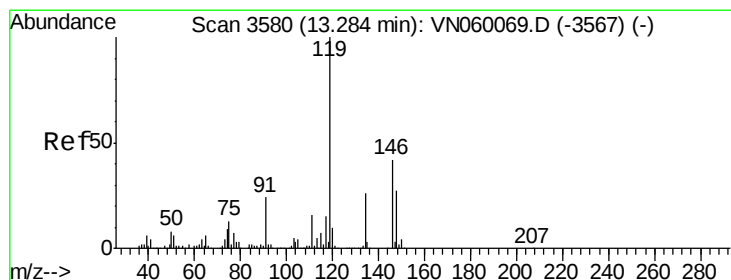
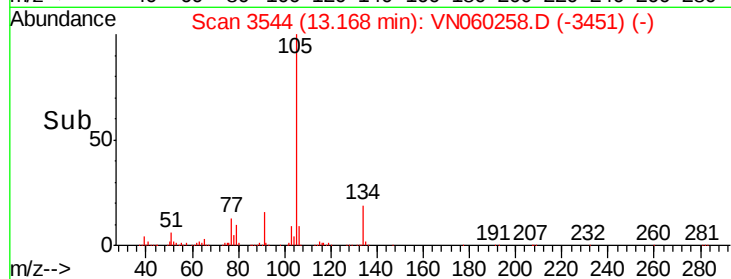
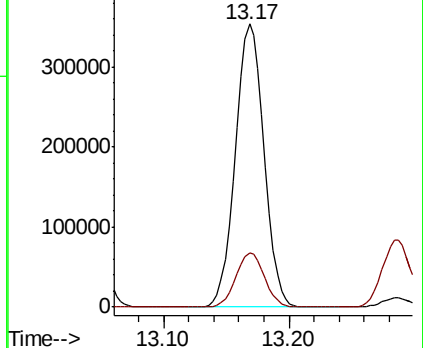
105 100

134 19.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.683 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

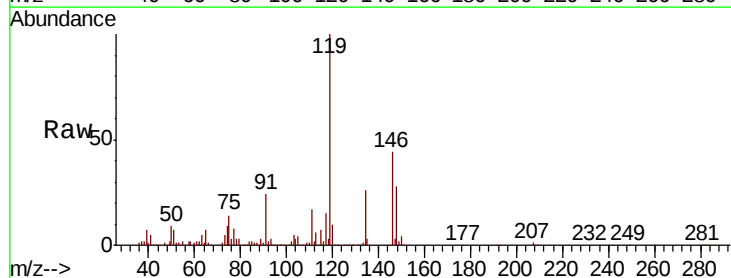
Tgt Ion:119 Resp: 508530

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

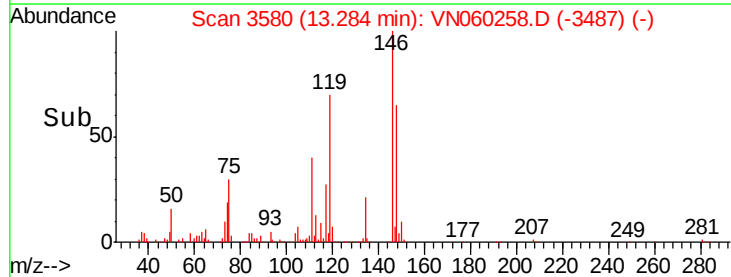
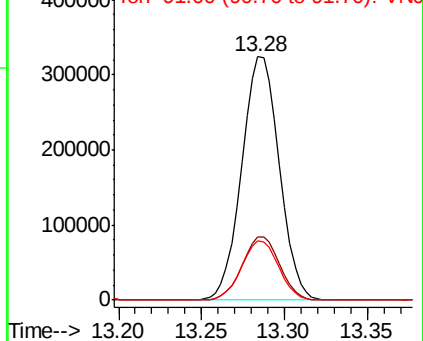
91 24.3 11.9 35.9

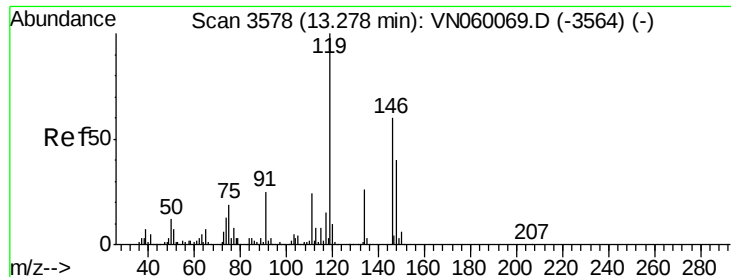


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.117 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

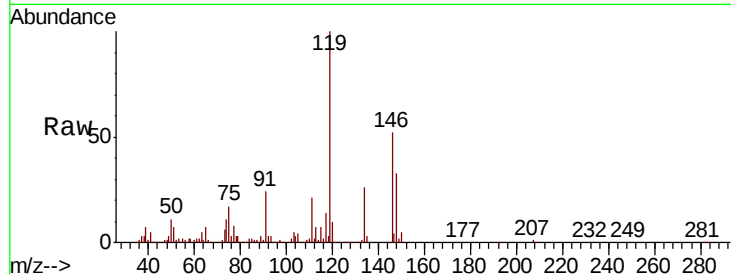
Tot Ion:146 Resp: 250112

Ion Ratio Lower Upper

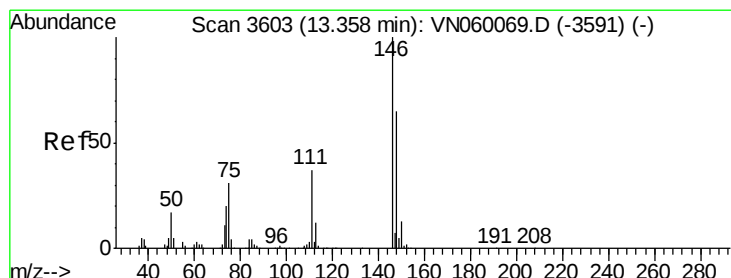
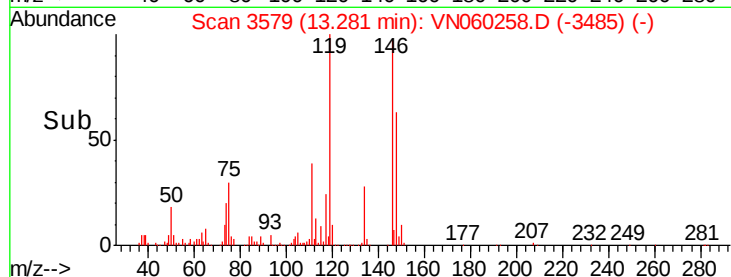
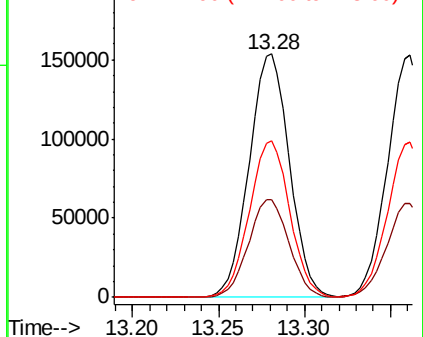
146 100

111 40.4 19.8 59.3

148 64.4 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 47.124 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

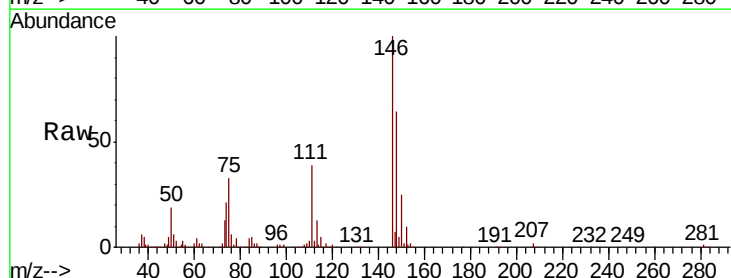
Tgt Ion:146 Resp: 250099

Ion Ratio Lower Upper

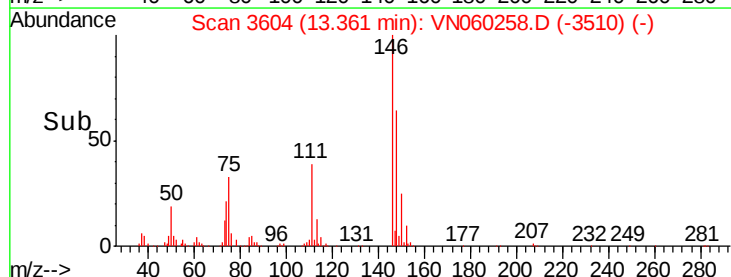
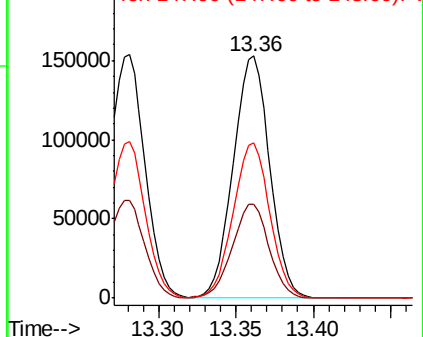
146 100

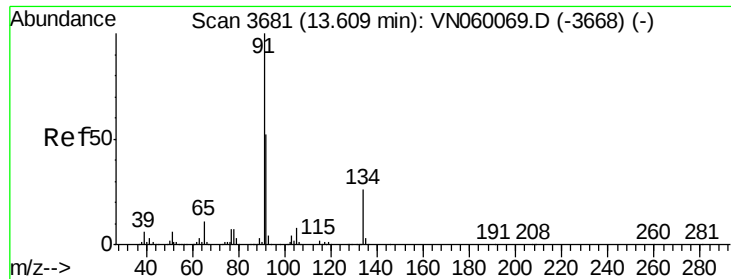
111 39.3 18.9 56.5

148 64.2 32.0 96.0



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





#89

n-Butylbenzene

Concen: 49.965 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

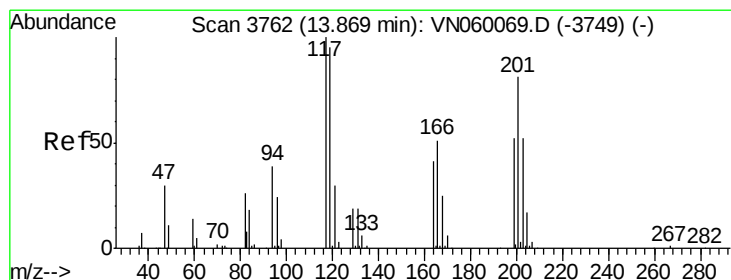
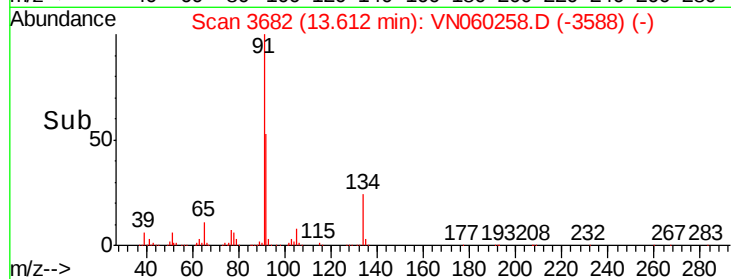
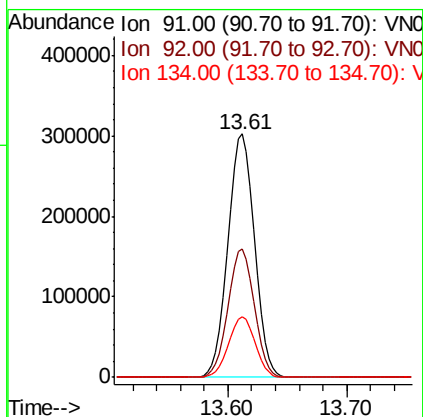
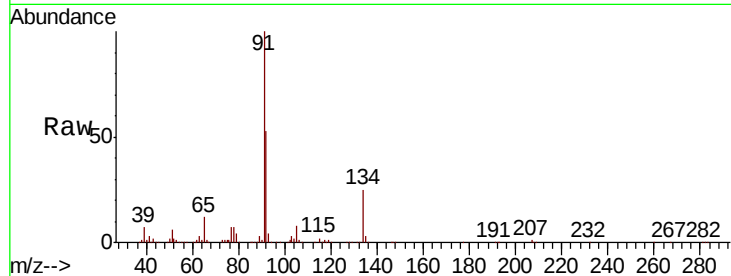
Tot Ion: 91 Resp: 468690

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 25.0 13.1 39.3



#90

Hexachloroethane

Concen: 36.283 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060258.D

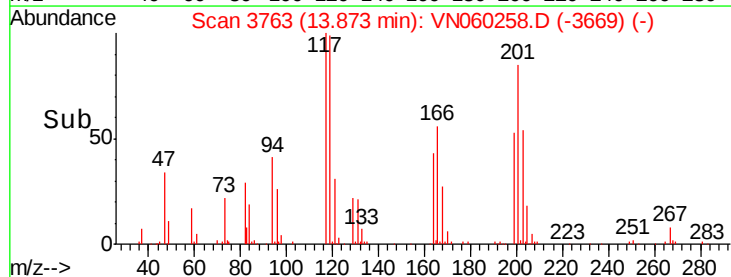
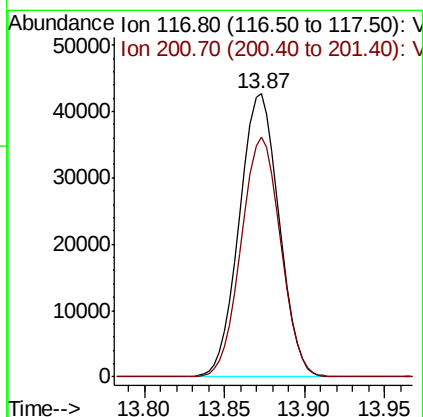
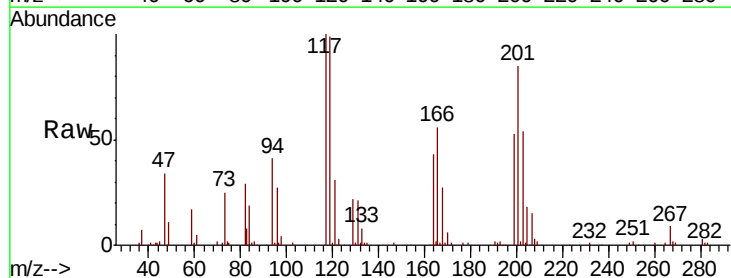
Acq: 26 Feb 2020 17:51

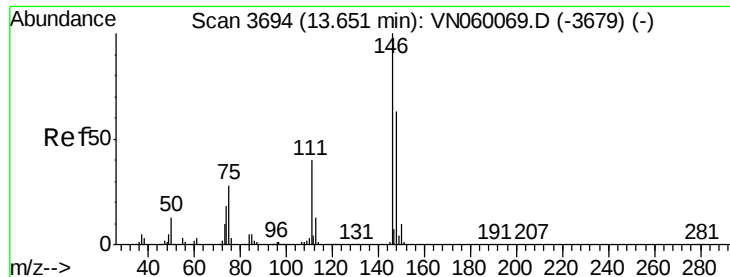
Tgt Ion: 117 Resp: 72290

Ion Ratio Lower Upper

117 100

201 83.9 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 46.505 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060258.D

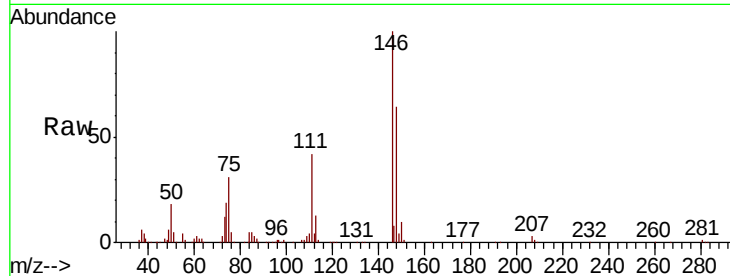
Acq: 26 Feb 2020 17:51

Instrument :

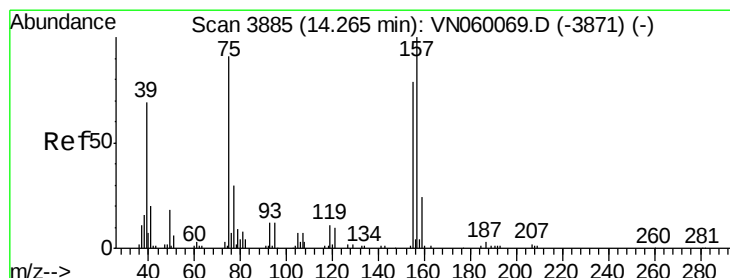
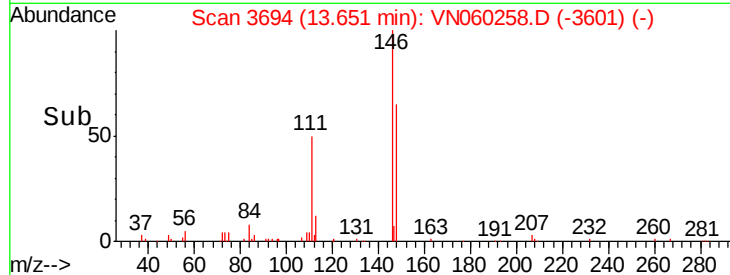
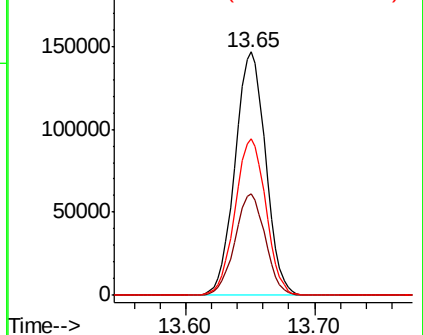
MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	241590
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	64.9	31.9	95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.100 ug/l

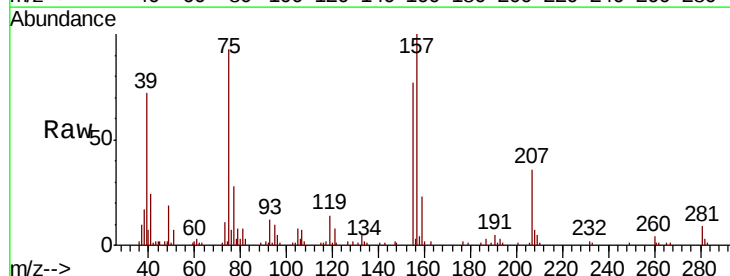
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

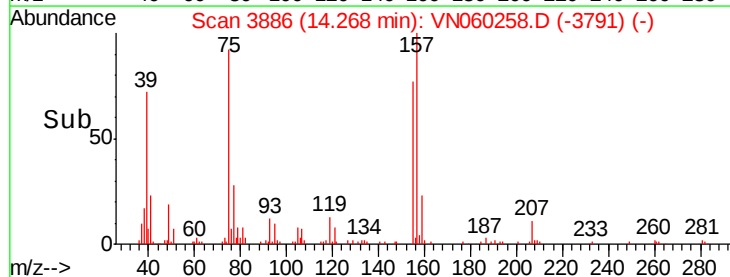
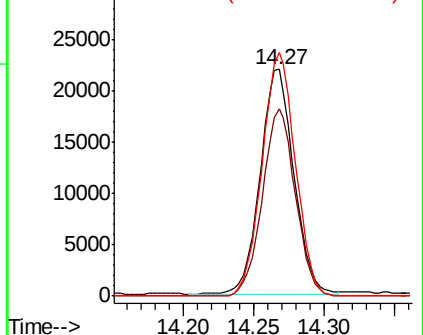
Lab File: VN060258.D

Acq: 26 Feb 2020 17:51

Tgt Ion:	75	Resp:	36322
Ion	Ratio	Lower	Upper
75	100		
155	81.3	43.0	129.0
157	107.0	54.9	164.5



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

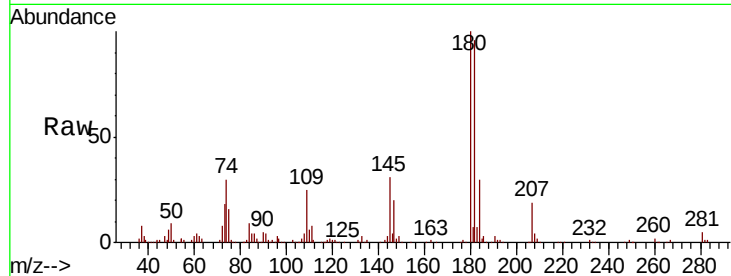




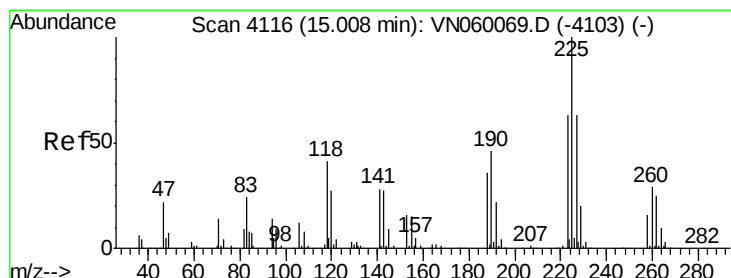
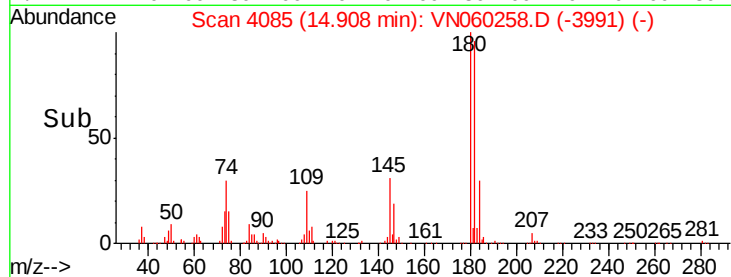
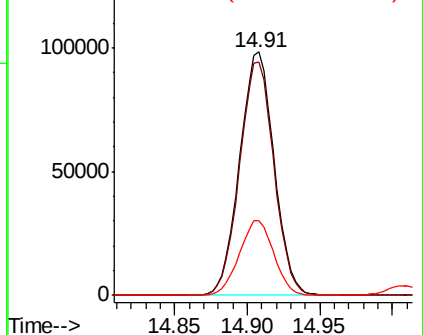
#93
 1,2,4-Trichlorobenzene
 Concen: 53.287 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	30.8	15.2	45.5

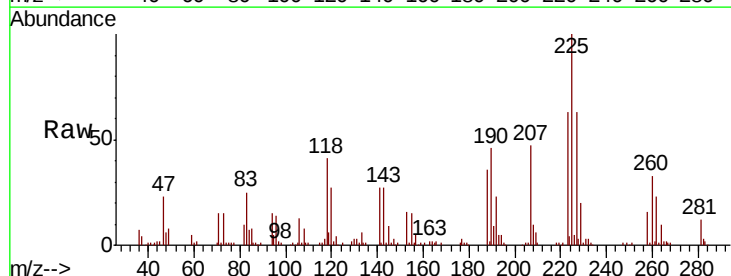


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

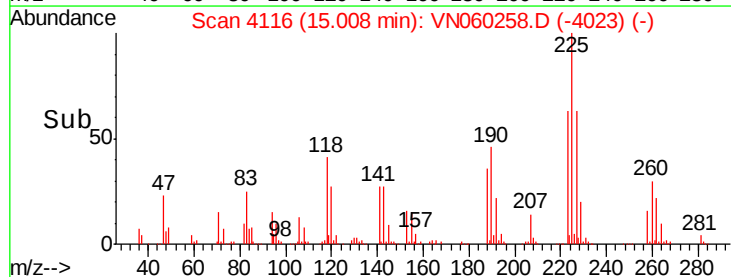
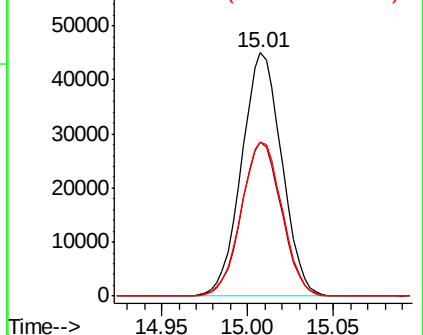


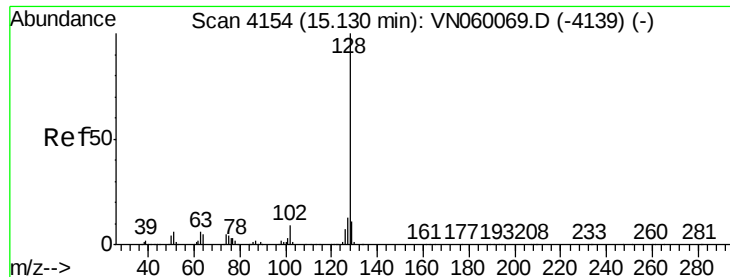
#94
 Hexachlorobutadiene
 Concen: 40.905 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060258.D
 Acq: 26 Feb 2020 17:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.5	94.5
227	64.4	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

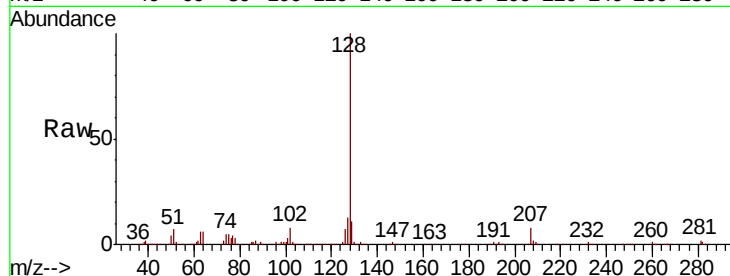




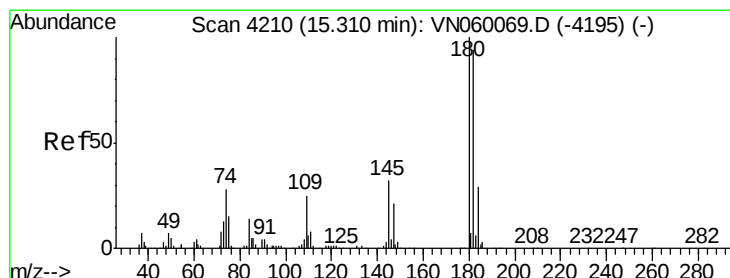
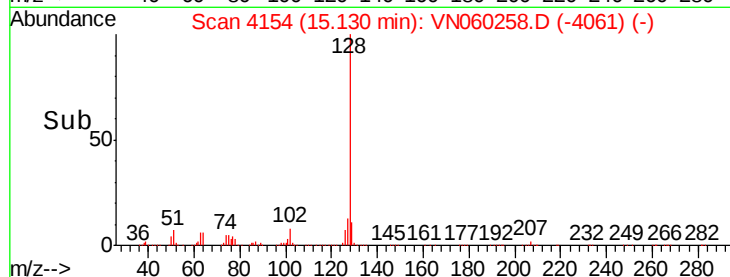
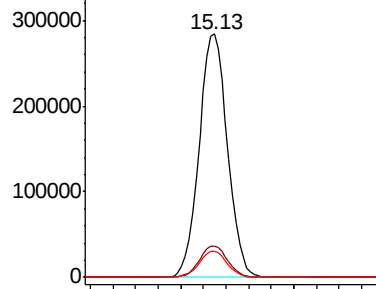
#95
Naphthalene
Concen: 59.861 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 493577
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

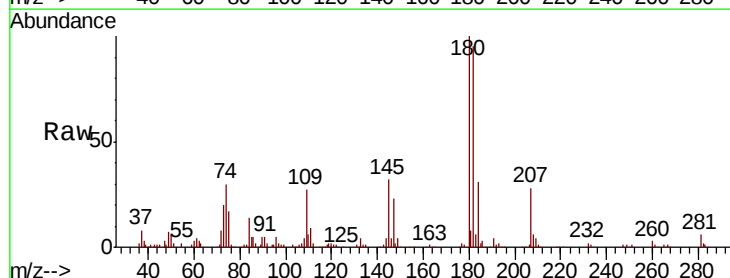


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.501 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060258.D
Acq: 26 Feb 2020 17:51

Tgt Ion:180 Resp: 153509
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 32.4 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

