

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021220\
 Data File : VN060076.D
 Acq On : 12 Feb 2020 16:22
 Operator : JC/MD
 Sample : VN0212MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:36:33 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	195492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	306636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	118553	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.56	113	94558	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.08	98	362275	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	129116	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	37436	19.158	ug/l	97
3) Chloromethane	2.04	50	43745	18.812	ug/l	100
4) Vinyl Chloride	2.17	62	48163	18.171	ug/l	100
5) Bromomethane	2.55	94	31163	19.174	ug/l	97
6) Chloroethane	2.69	64	24902	18.575	ug/l	97
7) Trichlorofluoromethane	3.00	101	62578	18.312	ug/l	100
8) Diethyl Ether	3.38	74	23302	20.484	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36057	19.004	ug/l	99
10) Methyl Iodide	3.93	142	43797	18.811	ug/l	99
11) Tert butyl alcohol	4.73	59	32944	92.546	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35814	19.377	ug/l	94
13) Acrolein	3.58	56	29203	82.996	ug/l	95
14) Allyl chloride	4.30	41	48871	17.965	ug/l	100
15) Acrylonitrile	4.94	53	83673	96.249	ug/l	99
16) Acetone	3.78	43	84532	81.467	ug/l	100
17) Carbon Disulfide	4.03	76	104467	18.752	ug/l	99
18) Methyl Acetate	4.29	43	37762	19.373	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	120489	19.385	ug/l	99
20) Methylene Chloride	4.52	84	40402	19.517	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	37883	18.802	ug/l	98
22) Diisopropyl ether	5.91	45	114752	19.247	ug/l	95
23) Vinyl Acetate	5.86	43	482965	96.463	ug/l	99
24) 1,1-Dichloroethane	5.82	63	68558	18.982	ug/l	99
25) 2-Butanone	6.80	43	116852	89.542	ug/l	99
26) 2,2-Dichloropropane	6.79	77	63141	18.406	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	44405	18.832	ug/l	100
28) Bromochloromethane	7.17	49	26366	18.569	ug/l	95
29) Tetrahydrofuran	7.18	42	74333	92.848	ug/l	99
30) Chloroform	7.35	83	72808	19.244	ug/l	99
31) Cyclohexane	7.63	56	62430	18.556	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	65050	18.815	ug/l	99
36) 1,1-Dichloropropene	7.77	75	53789	18.939	ug/l	98
37) Ethyl Acetate	6.90	43	50192	19.554	ug/l	97
38) Carbon Tetrachloride	7.75	117	56549	18.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65483	18.574	ug/l	99
40) Benzene	8.02	78	159222	18.899	ug/l	98
41) Methacrylonitrile	7.14	41	20268	18.828	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55605	18.831	ug/l	99
43) Isopropyl Acetate	8.14	43	83474	19.024	ug/l	99
44) Trichloroethene	8.82	130	43491	18.643	ug/l	99
45) 1,2-Dichloropropane	9.10	63	40718	19.521	ug/l	100
46) Dibromomethane	9.19	93	28329	19.219	ug/l	97
47) Bromodichloromethane	9.38	83	57321	19.128	ug/l	96
48) Methyl methacrylate	9.18	41	35794	18.182	ug/l	97
49) 1,4-Dioxane	9.18	88	13335	396.439	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	241144	94.947	ug/l	99
52) Toluene	10.14	92	101754	18.834	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65172	19.267	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	68671	19.279	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41239	19.566	ug/l	99
56) Ethyl methacrylate	10.42	69	57283	19.212	ug/l	99
57) 1,3-Dichloropropane	10.70	76	67231	19.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	138510	99.715	ug/l	100
59) 2-Hexanone	10.74	43	179126	91.302	ug/l	100
60) Dibromochloromethane	10.89	129	46393	19.181	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43809	19.827	ug/l	97
64) Tetrachloroethene	10.62	164	40362	18.480	ug/l	98
65) Chlorobenzene	11.43	112	109751	18.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42475	19.181	ug/l	99
67) Ethyl Benzene	11.50	91	198752	18.826	ug/l	100
68) m/p-Xylenes	11.62	106	147850	37.314	ug/l	99
69) o-Xylene	11.94	106	71886	18.843	ug/l	98
70) Styrene	11.96	104	114210	18.564	ug/l	100
71) Bromoform	12.12	173	33308	18.701	ug/l #	98
73) Isopropylbenzene	12.25	105	192304	19.001	ug/l	100
74) N-amyl acetate	12.07	43	70500	19.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	58090	19.941	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	75864	29.257	ug/l #	100
77) Bromobenzene	12.52	156	48972	19.497	ug/l	99
78) n-propylbenzene	12.59	91	217021	18.820	ug/l	99
79) 2-Chlorotoluene	12.67	91	128348	18.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	161331	19.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20054	18.936	ug/l	100
82) 4-Chlorotoluene	12.77	91	133241	19.161	ug/l	99
83) tert-Butylbenzene	12.99	119	140319	18.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	161888	19.489	ug/l	99
85) sec-Butylbenzene	13.17	105	183669	18.630	ug/l	100
86) p-Isopropyltoluene	13.28	119	169244	18.947	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85760	19.289	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84719	19.059	ug/l	98
89) n-Butylbenzene	13.61	91	145851	18.564	ug/l	99
90) Hexachloroethane	13.87	117	31114	18.645	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	84026	19.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11875	18.688	ug/l	97

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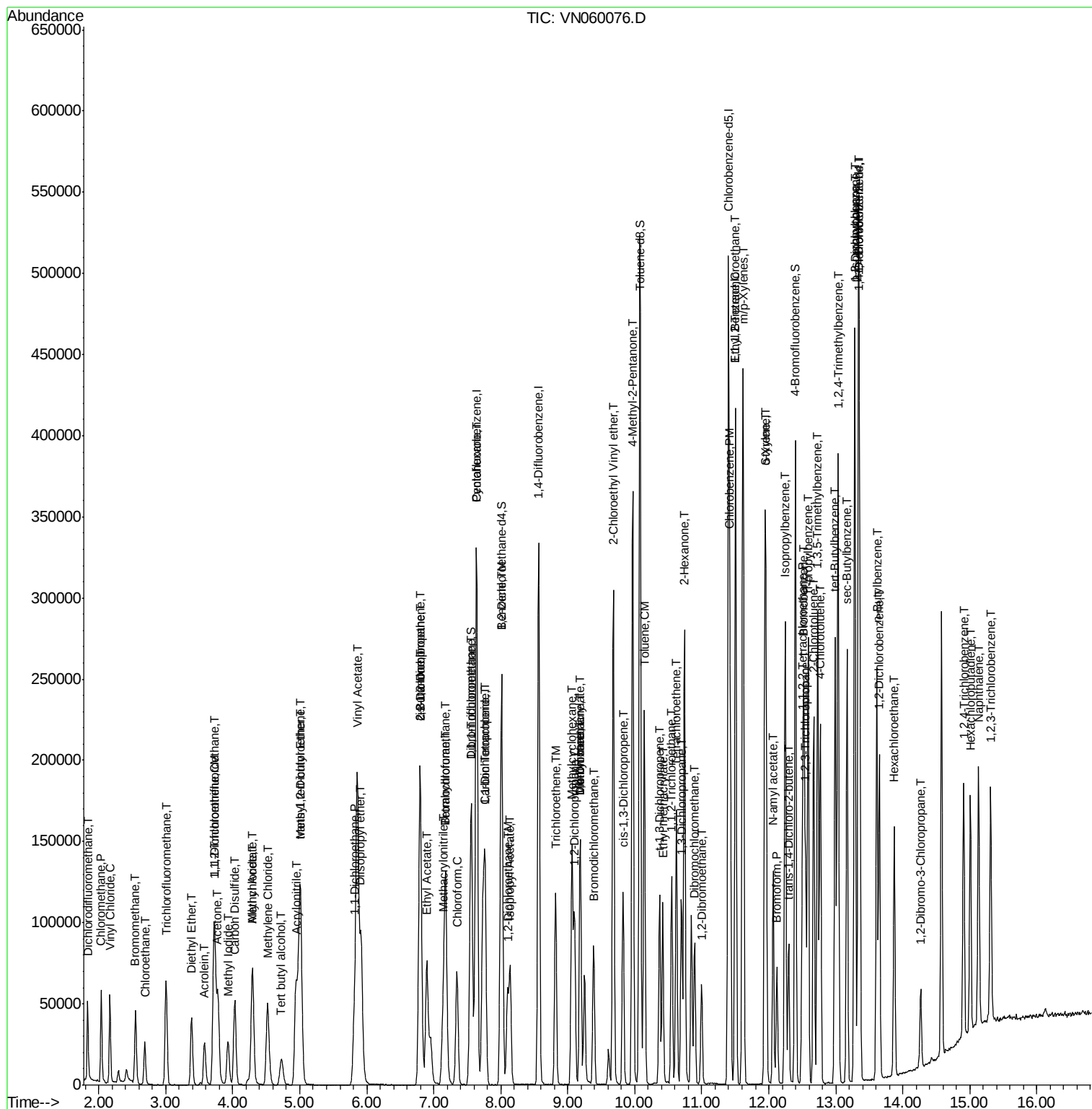
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50273	19.664	ug/l	100
94) Hexachlorobutadiene	15.01	225	27827	18.592	ug/l	99
95) Naphthalene	15.13	128	140156	20.295	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49830	19.572	ug/l	100

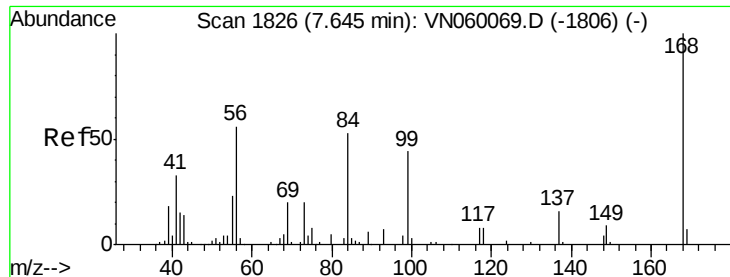
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

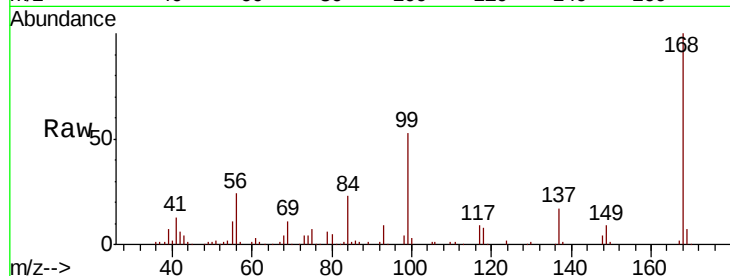
ClientSampleId :

Tot Ion:168 Resp: 195492

Ion Ratio Lower Upper

168 100

99 52.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

40000

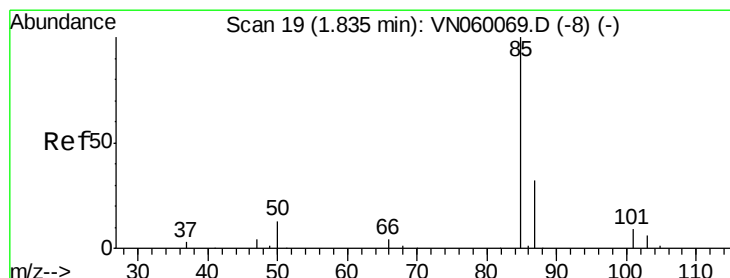
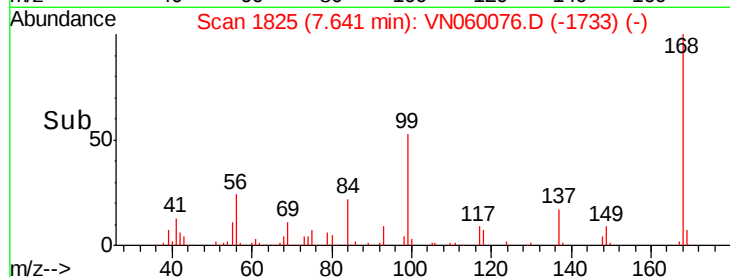
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.158 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060076.D

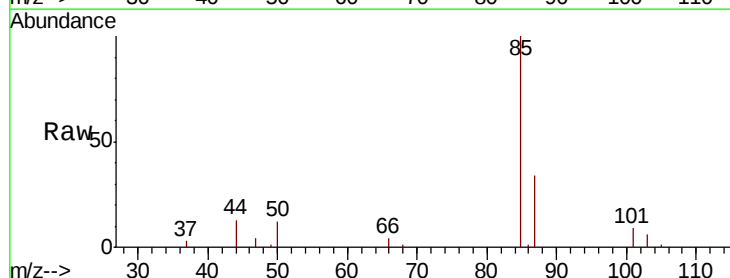
Acq: 12 Feb 2020 16:22

Tgt Ion: 85 Resp: 37436

Ion Ratio Lower Upper

85 100

87 34.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN060069.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN060069.D (-8) (-)

1.83

30000

25000

20000

15000

10000

5000

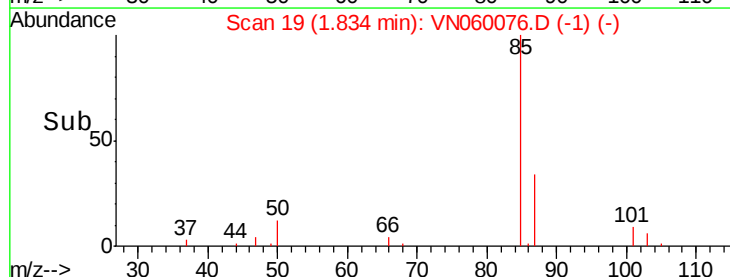
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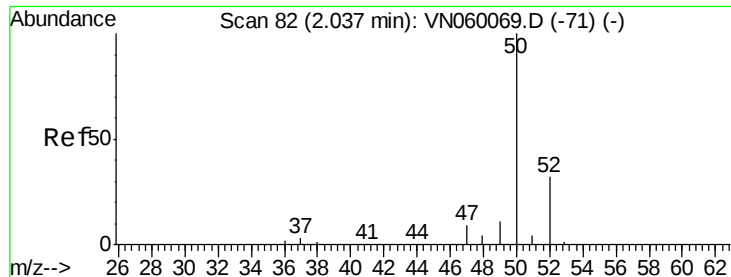
1.80

1.85

1.90

Time-->

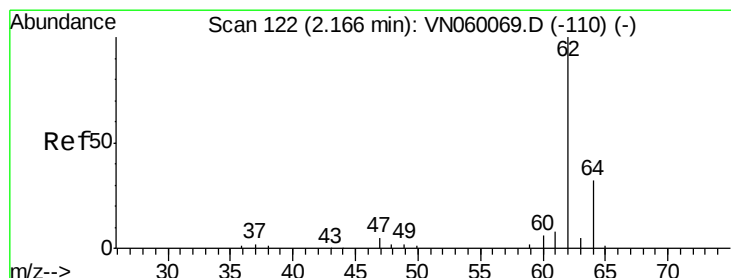
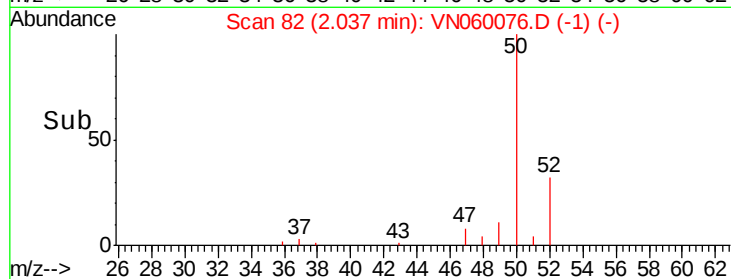
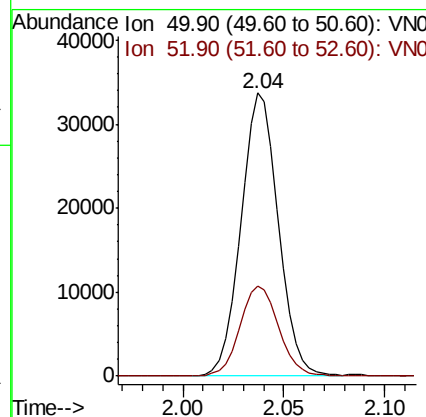
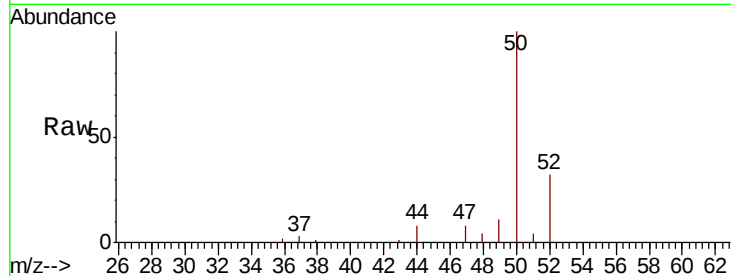




#3
Chloromethane
Concen: 18.812 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

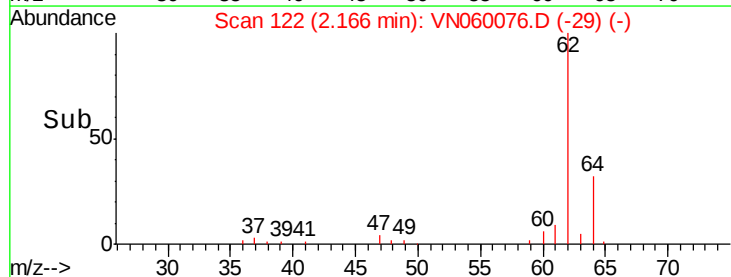
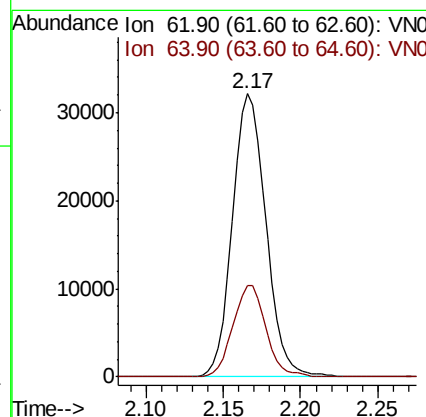
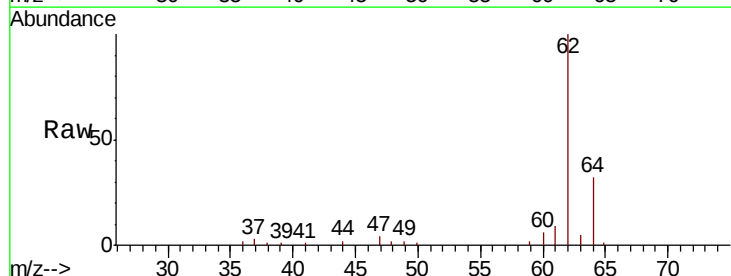
Instrument :
MSVOA_N
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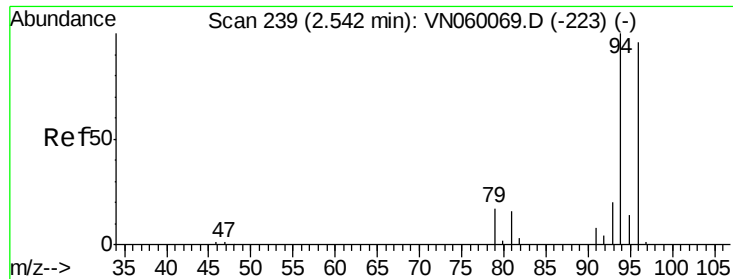
Tot Ion: 50 Resp: 43745
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 18.171 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 62 Resp: 48163
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9

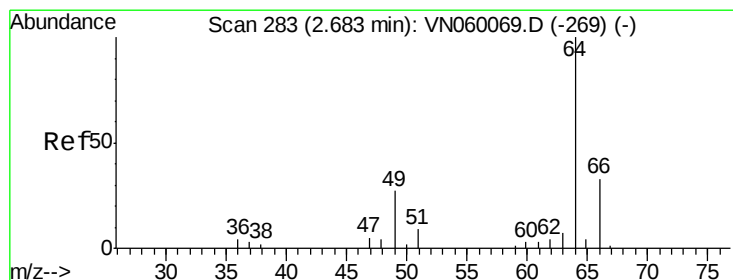
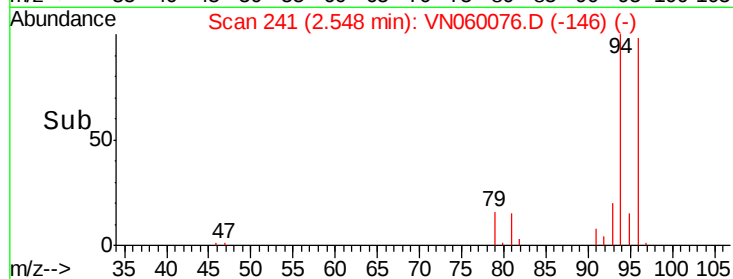
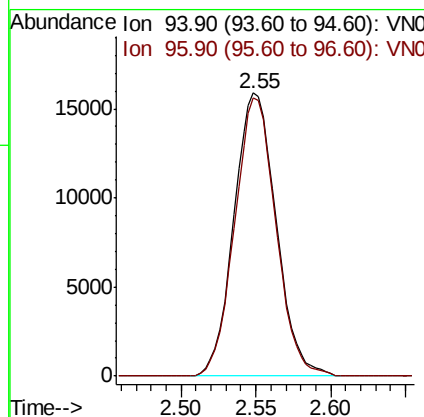
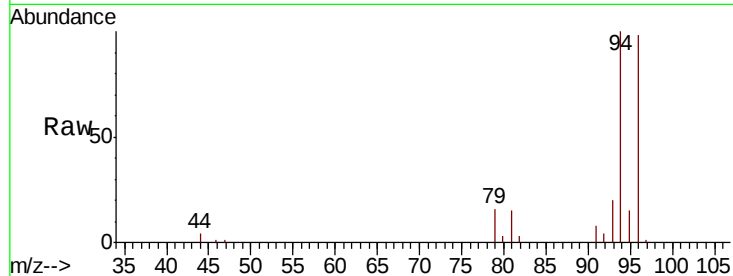




#5
Bromomethane
Concen: 19.174 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

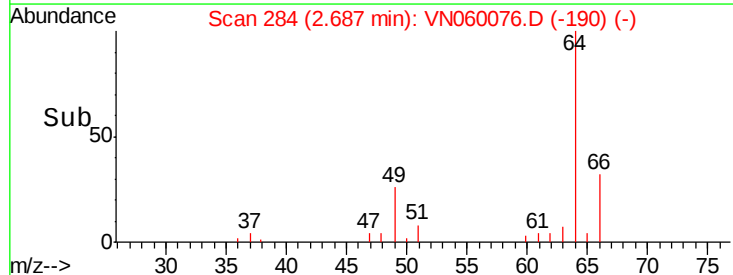
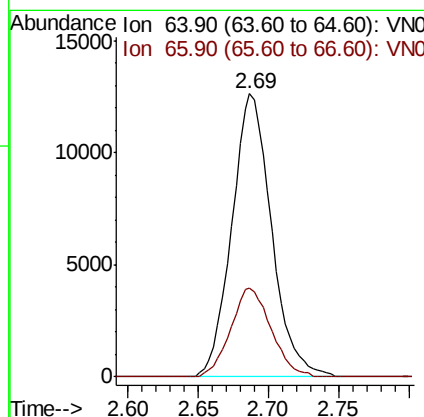
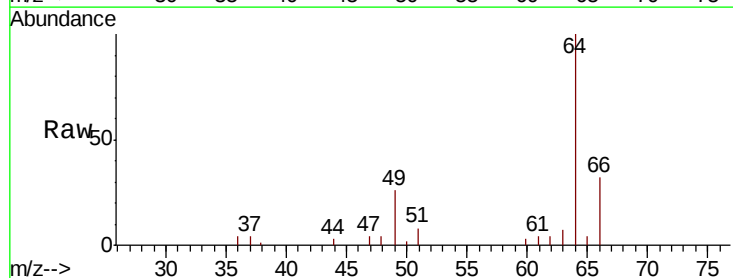
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 31163
Ion Ratio Lower Upper
94 100
96 98.5 76.7 115.1



#6
Chloroethane
Concen: 18.575 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 64 Resp: 24902
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0



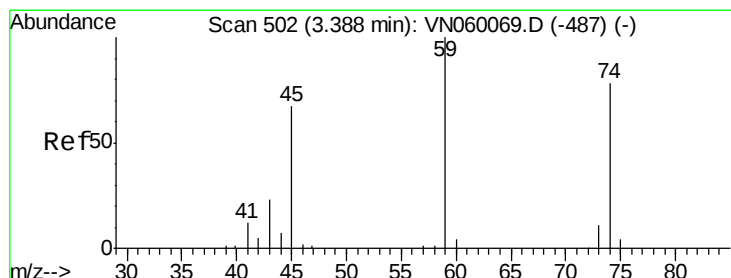
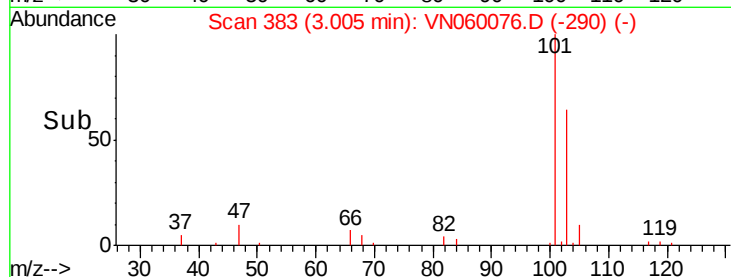
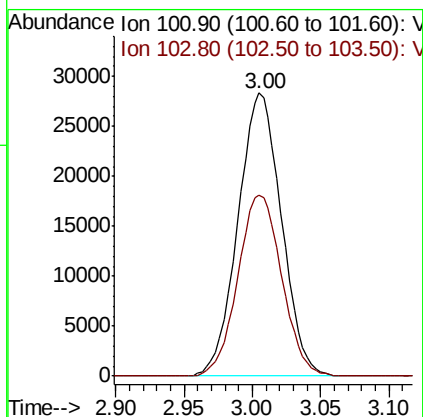
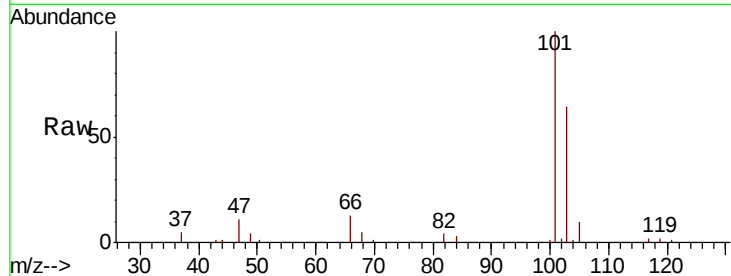


#7

Trichlorofluoromethane
 Concen: 18.312 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Instrument :
 MSVOA_N
 ClientSampled :

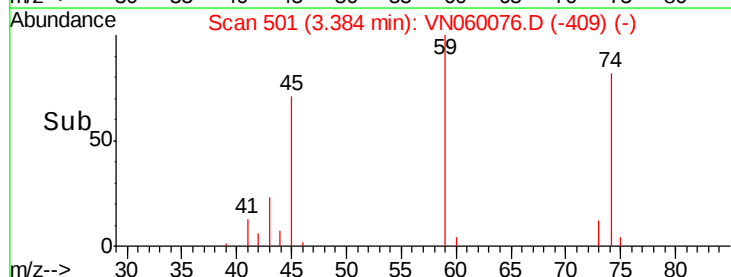
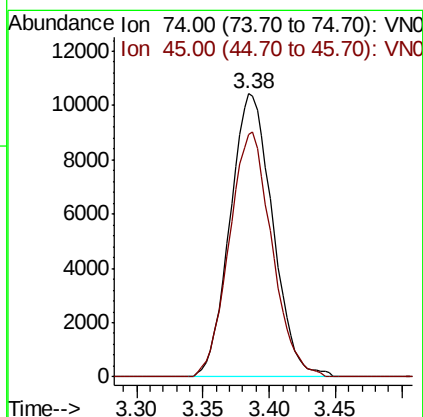
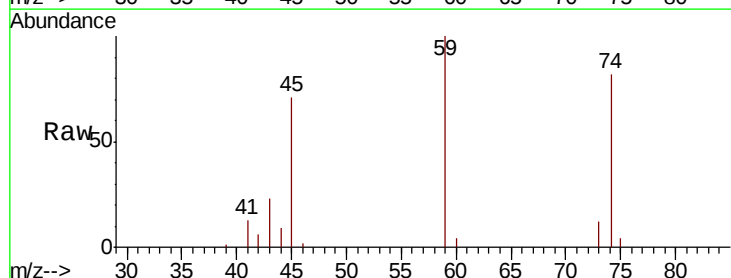
Tot Ion:101 Resp: 62578
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.6

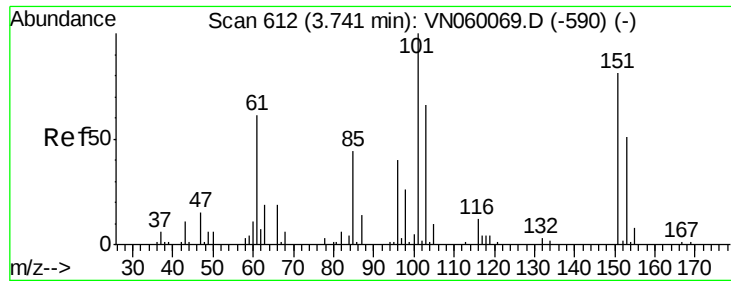


#8

Diethyl Ether
 Concen: 20.484 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 74 Resp: 23302
 Ion Ratio Lower Upper
 74 100
 45 86.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.004 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

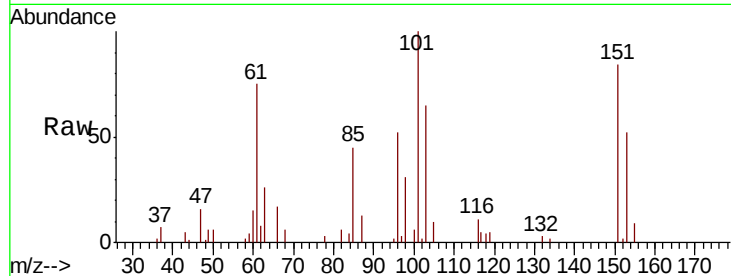
Tot Ion:101 Resp: 36057

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

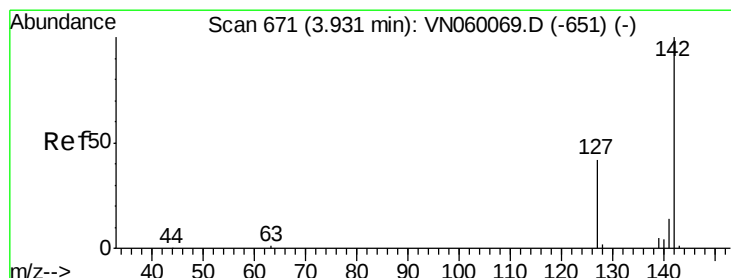
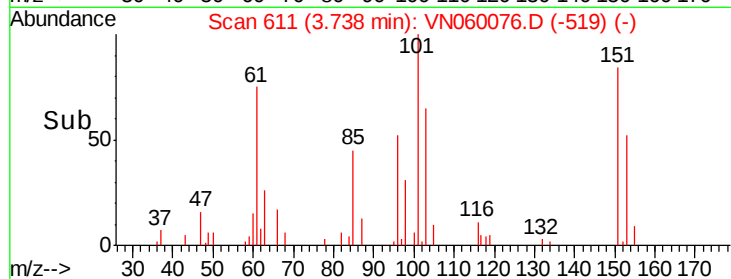
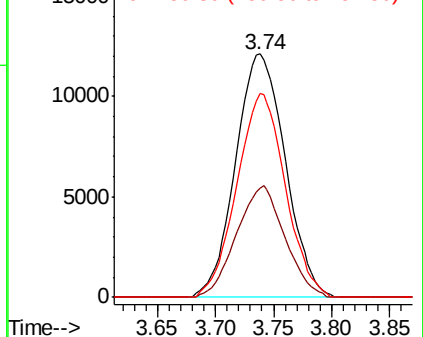
151 81.6 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.811 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

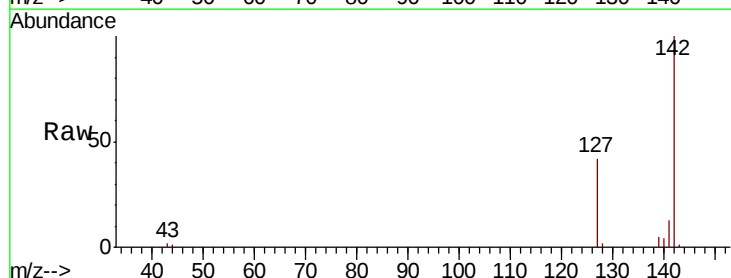
Tgt Ion:142 Resp: 43797

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

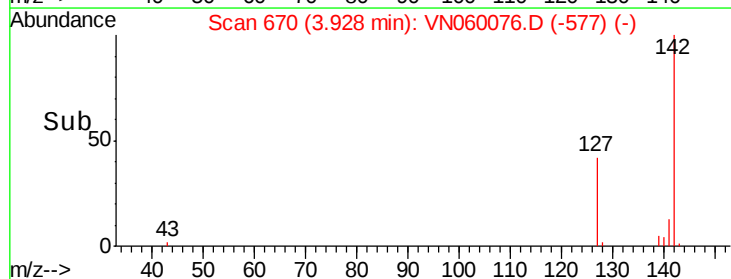
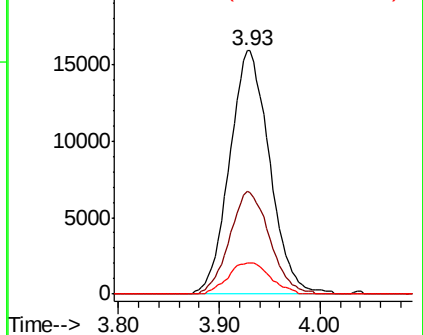
141 13.5 11.4 17.2

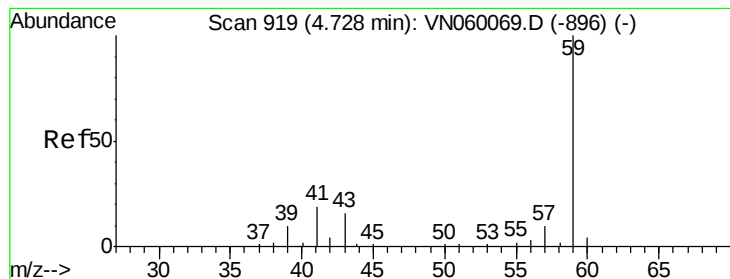


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.546 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

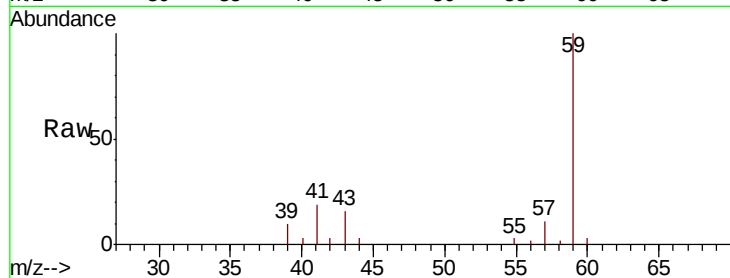
ClientSampled :

Tot Ion: 59 Resp: 32944

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN060069.D (-896) (-)

Ion 57.00 (56.70 to 57.70): VN060069.D (-896) (-)

4.73

10000

8000

6000

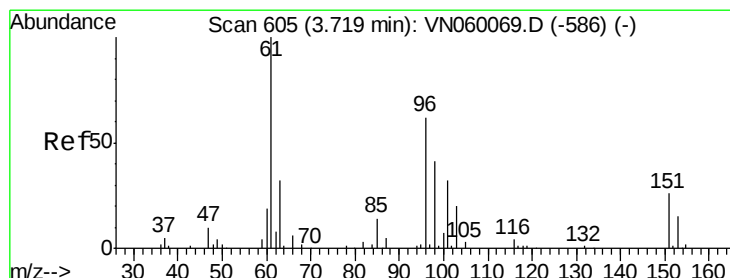
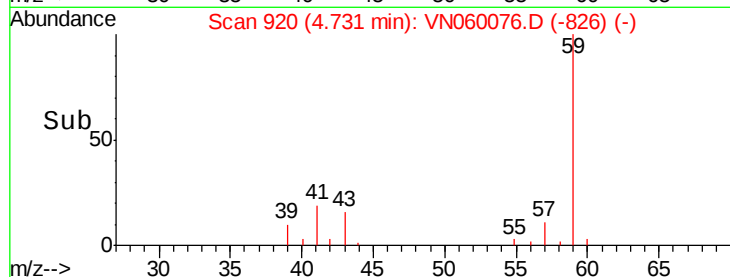
4000

2000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 19.377 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

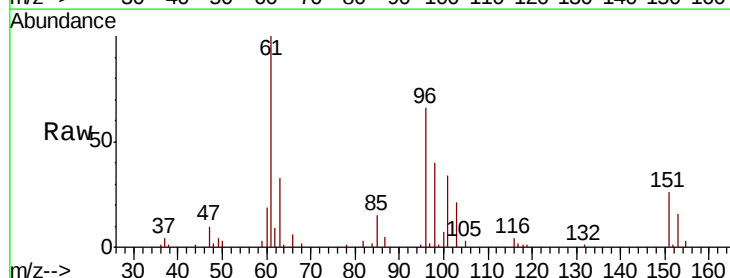
Tgt Ion: 96 Resp: 35814

Ion Ratio Lower Upper

96 100

61 152.0 128.3 192.5

98 60.6 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VN060069.D (-586) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-586) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-586) (-)

30000

25000

20000

15000

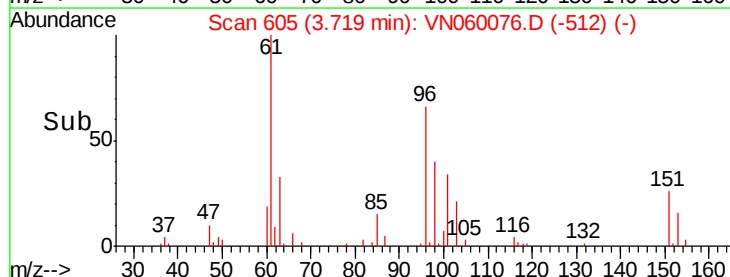
10000

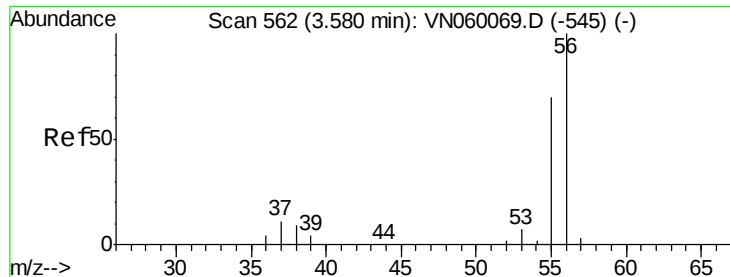
5000

0

Time-->

3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 82.996 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

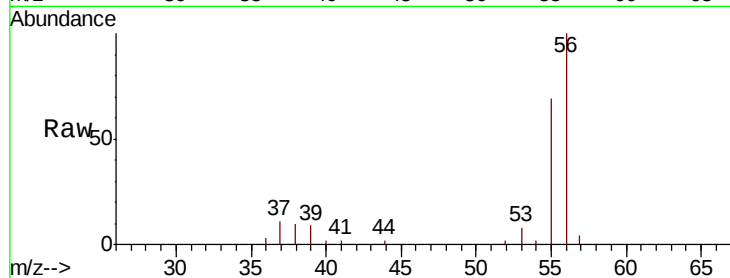
ClientSampled :

Tot Ion: 56 Resp: 29203

Ion Ratio Lower Upper

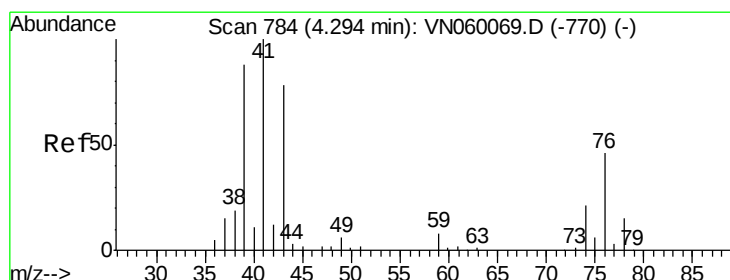
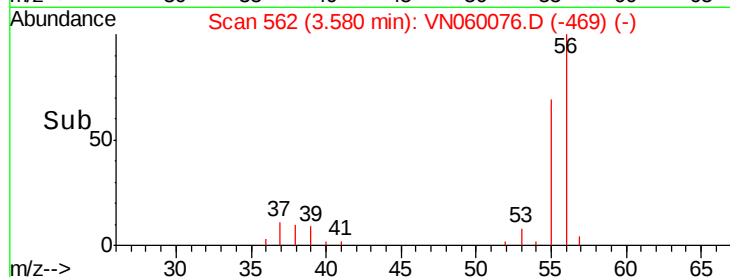
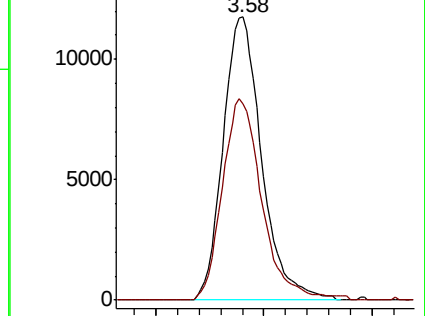
56 100

55 72.8 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.965 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

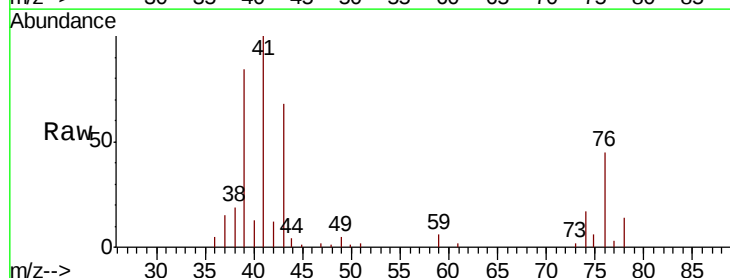
Tgt Ion: 41 Resp: 48871

Ion Ratio Lower Upper

41 100

39 85.1 67.8 101.8

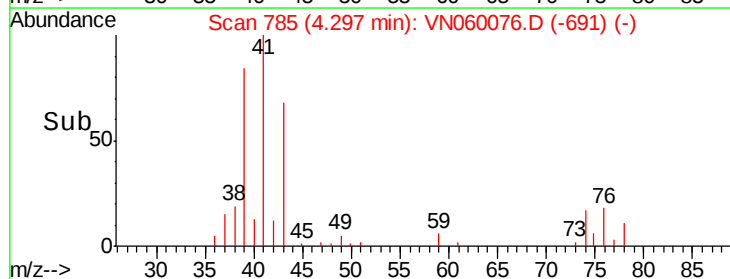
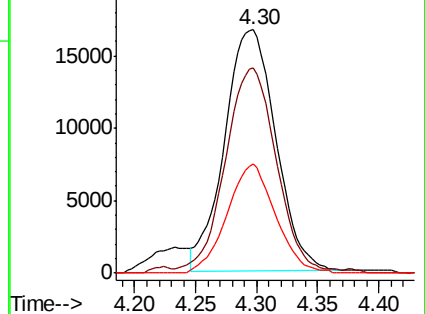
76 42.4 33.9 50.9

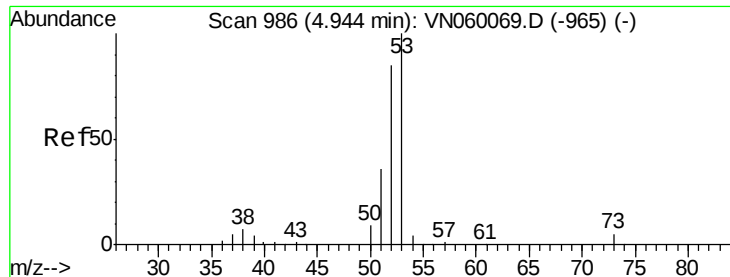


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.249 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

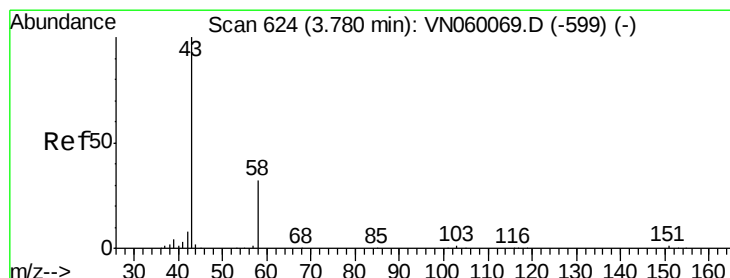
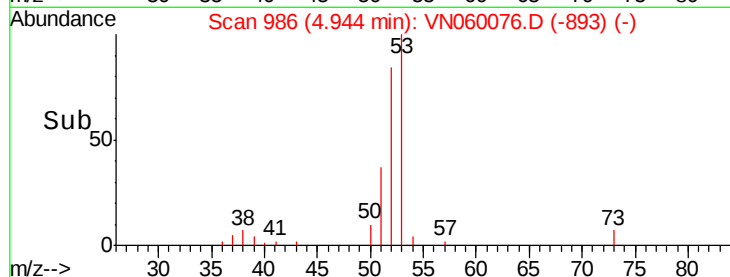
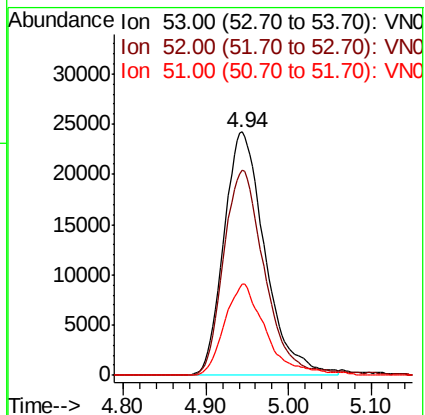
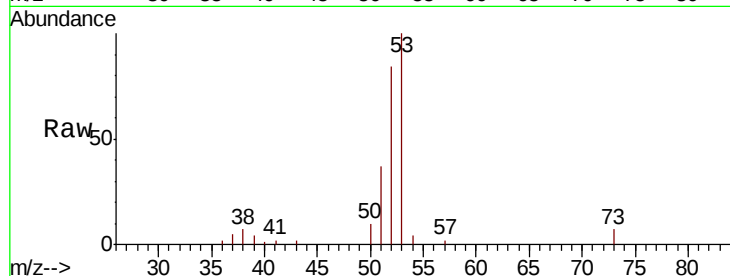
Tot Ion: 53 Resp: 83673

Ion Ratio Lower Upper

53 100

52 84.2 66.8 100.2

51 37.3 29.4 44.0



#16

Acetone

Concen: 81.467 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060076.D

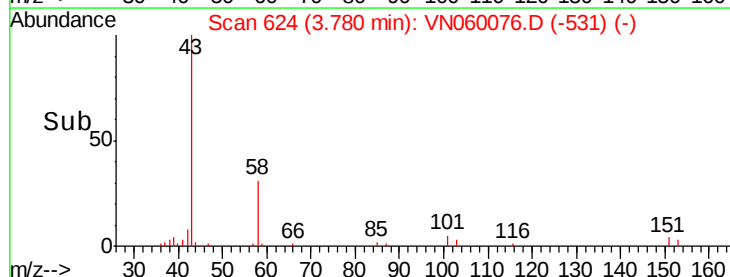
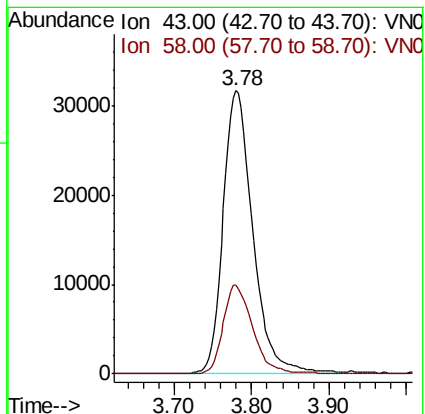
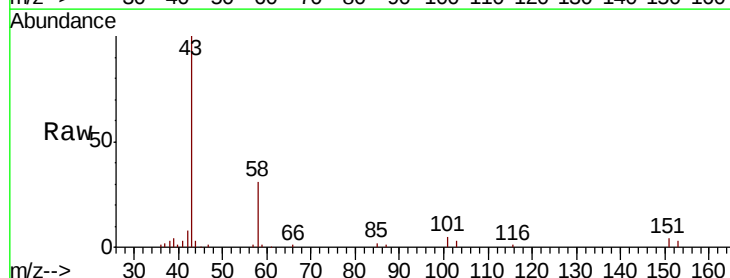
Acq: 12 Feb 2020 16:22

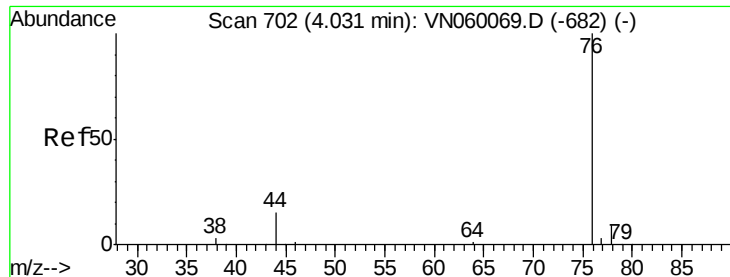
Tgt Ion: 43 Resp: 84532

Ion Ratio Lower Upper

43 100

58 31.2 25.2 37.8

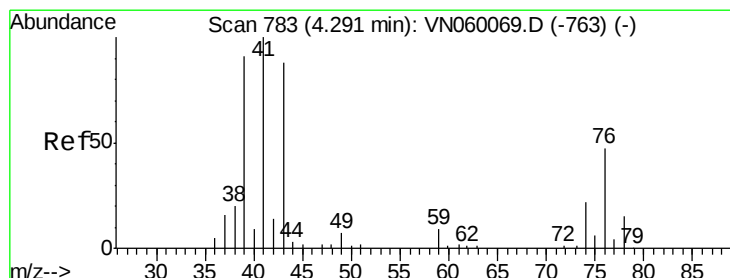
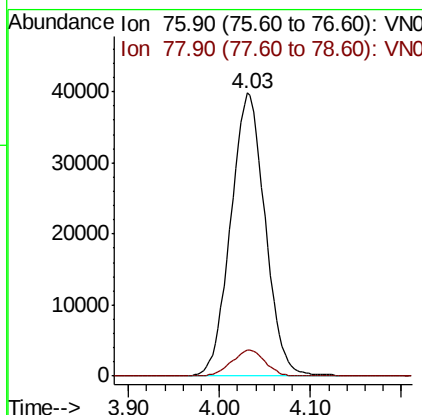
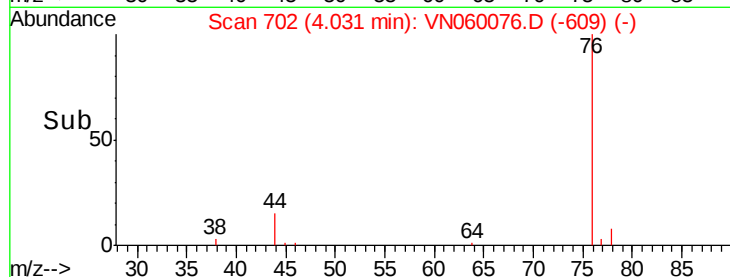
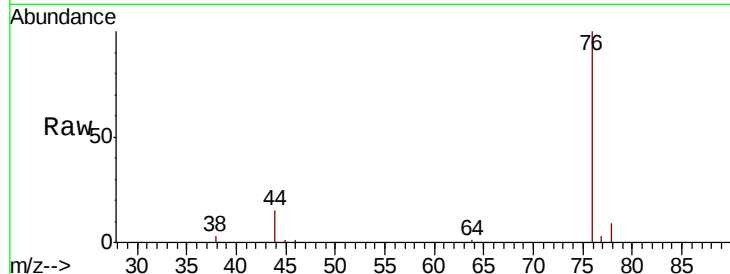




#17
Carbon Disulfide
Concen: 18.752 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

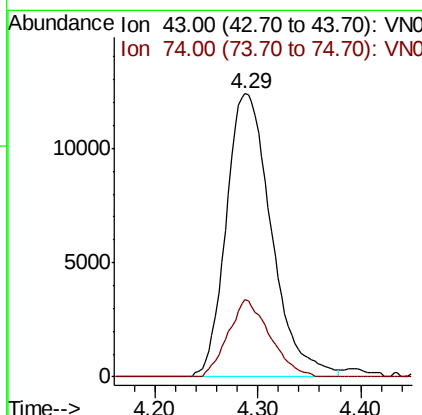
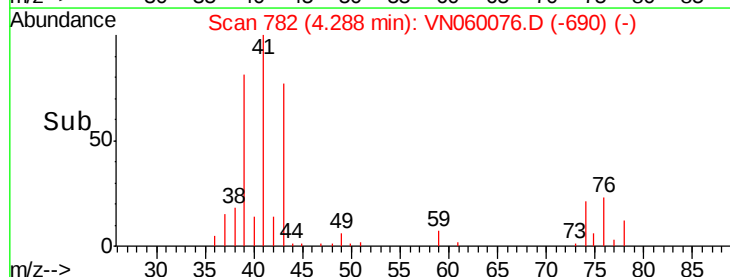
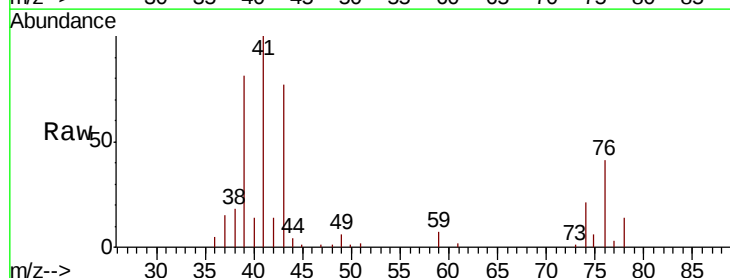
Instrument :
MSVOA_N
ClientSampleId :

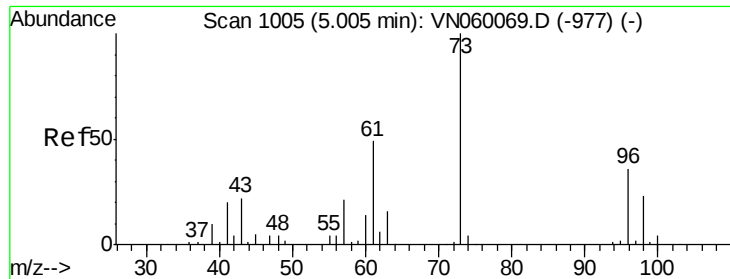
Tot Ion: 76 Resp: 104467
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 19.373 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 43 Resp: 37762
Ion Ratio Lower Upper
43 100
74 25.2 20.3 30.5

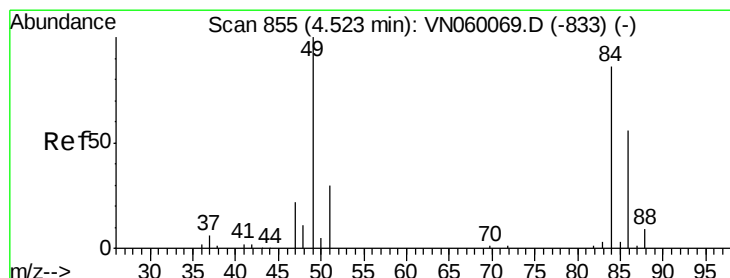
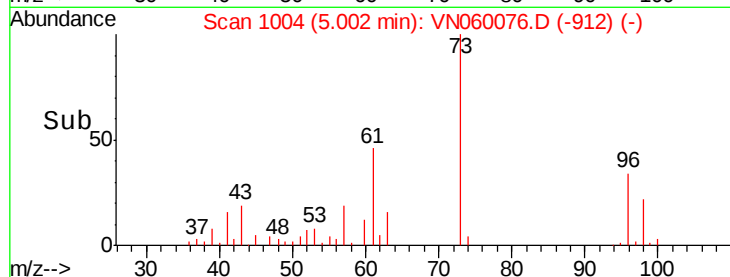
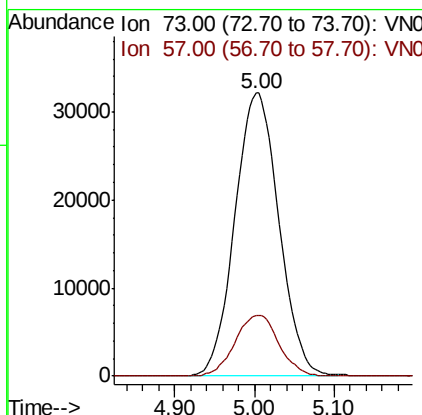
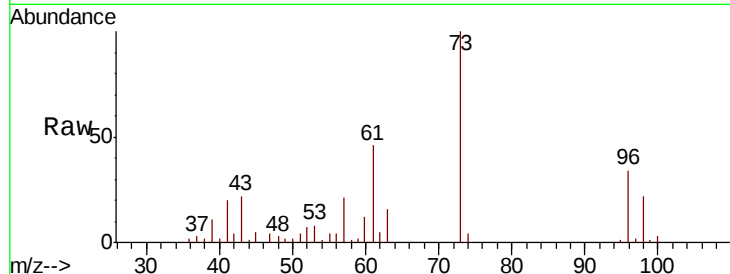




#19
Methvl tert-butvl Ether
Concen: 19.385 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

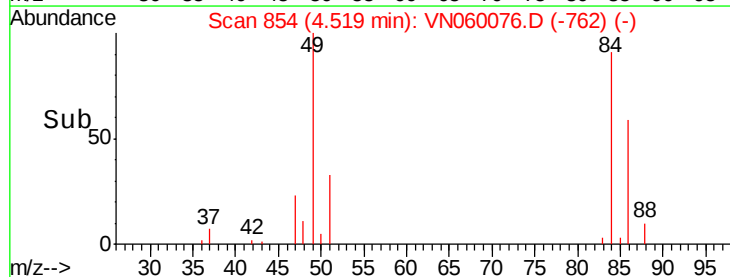
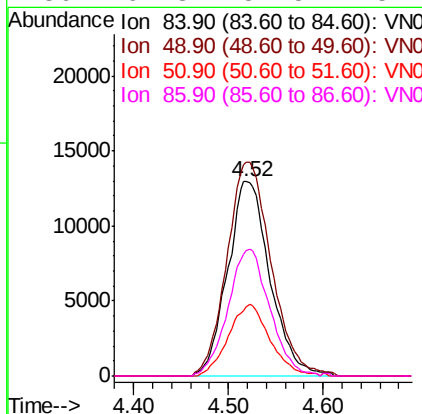
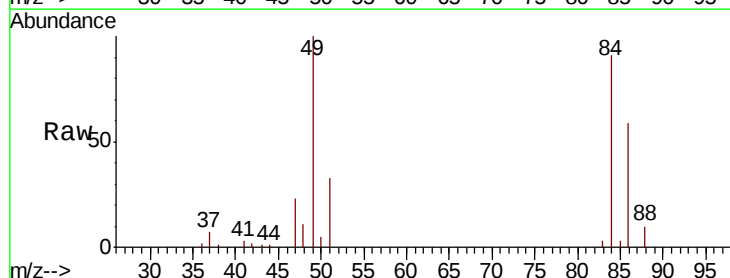
Instrument :
MSVOA_N
ClientSampleId :

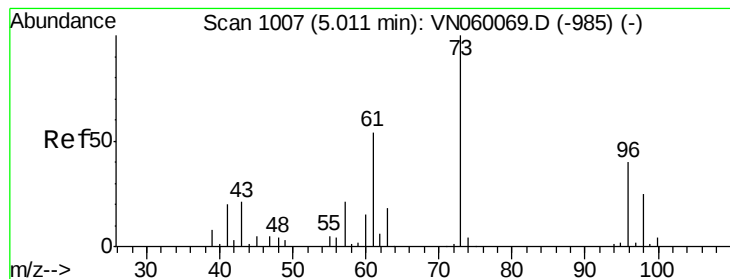
Tot Ion: 73 Resp: 120489
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 19.517 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 84 Resp: 40402
Ion Ratio Lower Upper
84 100
49 109.8 93.4 140.0
51 35.8 28.4 42.6
86 64.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.802 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :

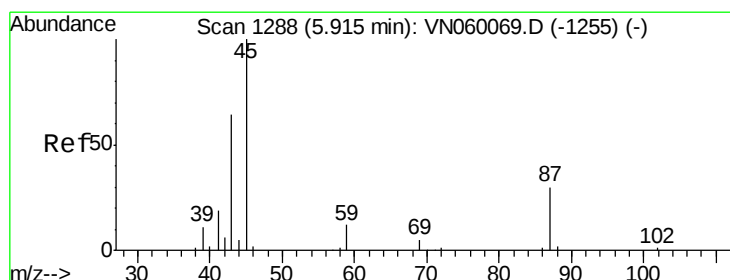
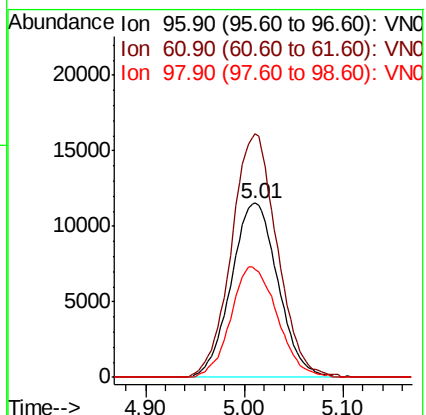
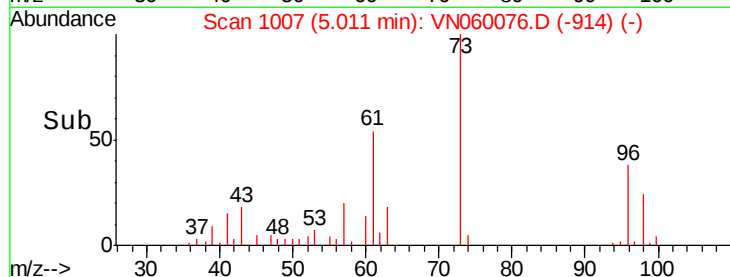
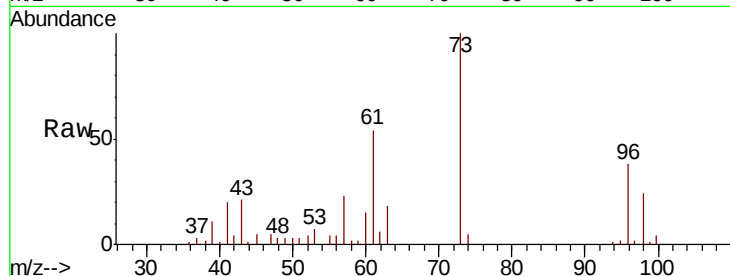
Tot Ion: 96 Resp: 37883

Ion Ratio Lower Upper

96 100

61 139.7 109.3 163.9

98 62.0 51.0 76.6



#22

Diisopropyl ether

Concen: 19.247 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Tgt Ion: 45 Resp: 114752

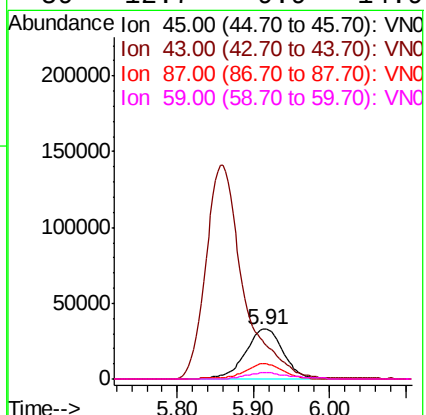
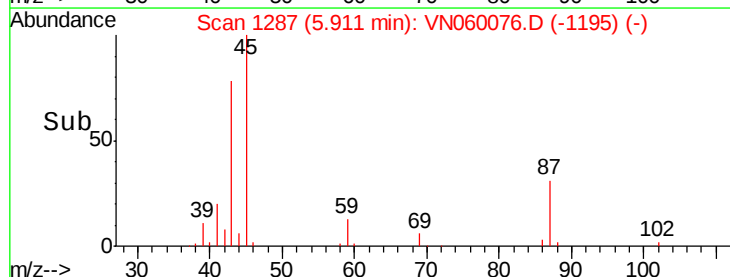
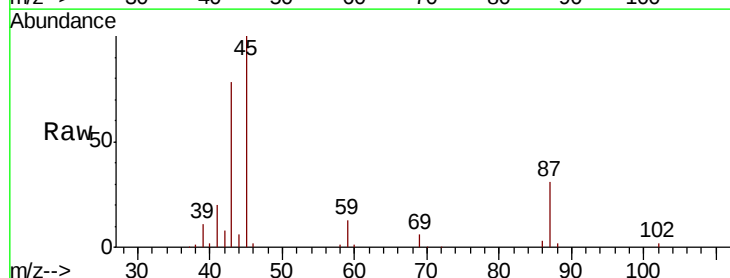
Ion Ratio Lower Upper

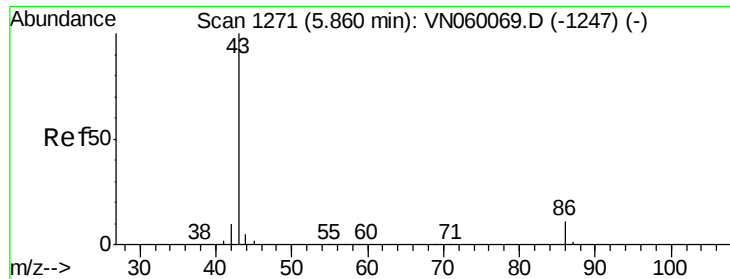
45 100

43 75.4 55.9 83.9

87 31.2 24.5 36.7

59 12.7 9.9 14.9

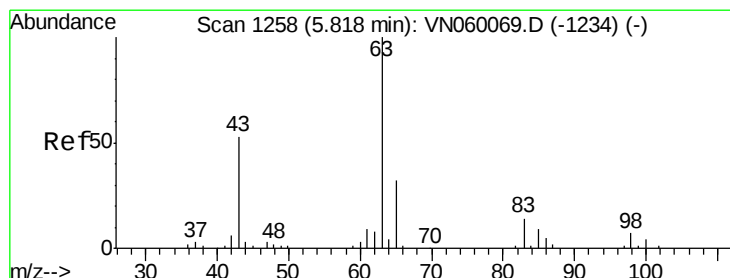
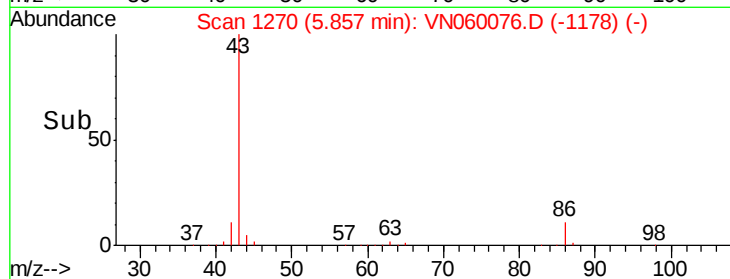
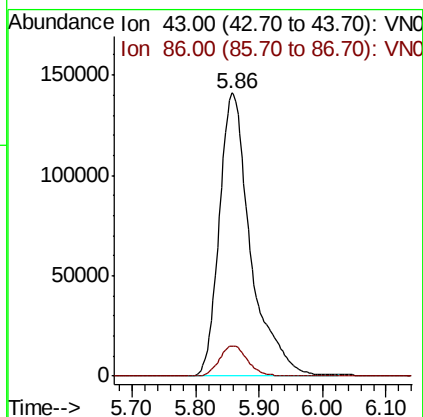
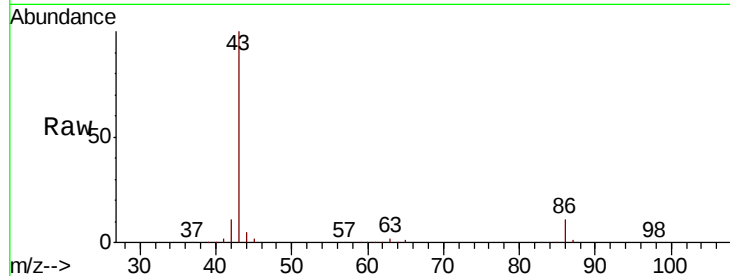




#23
 Vinyl Acetate
 Concen: 96.463 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

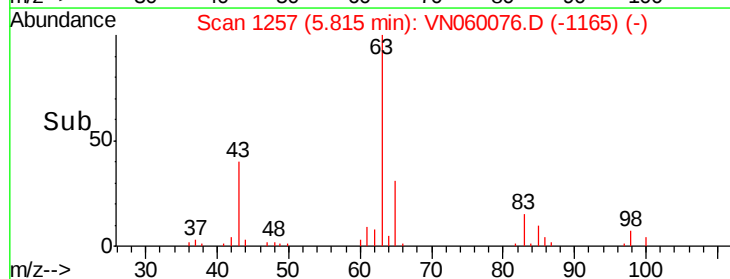
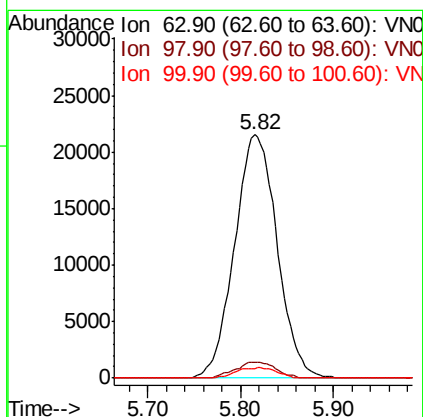
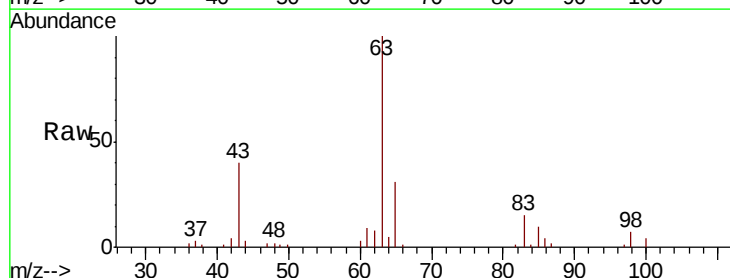
Instrument :
 MSVOA_N
 ClientSampled :

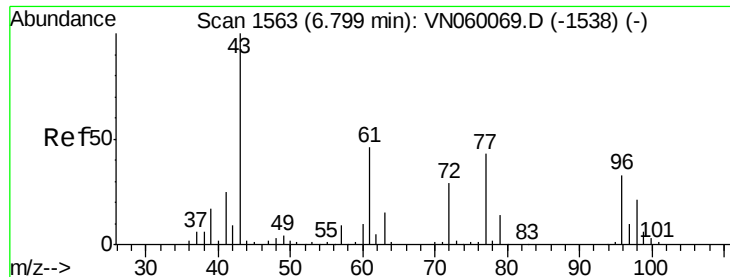
Tot Ion: 43 Resp: 482965
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.982 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 63 Resp: 68558
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 89.542 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

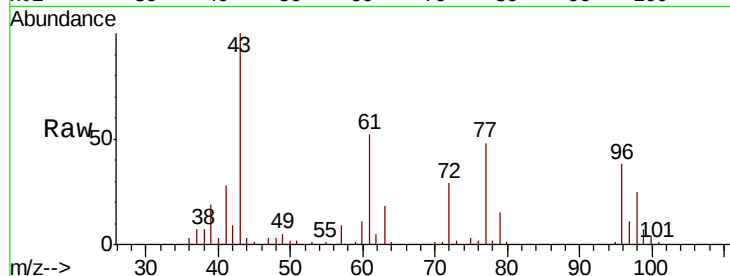
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 116852

Ion Ratio Lower Upper

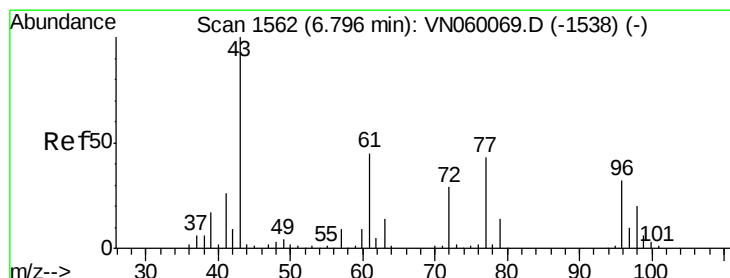
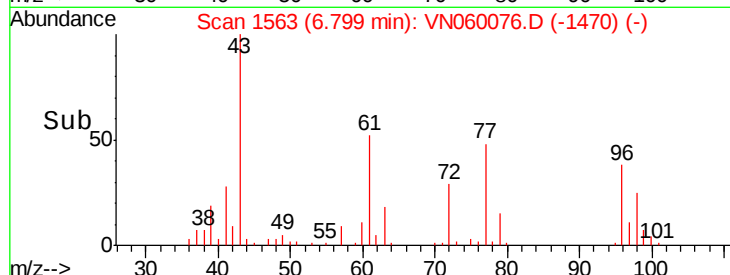
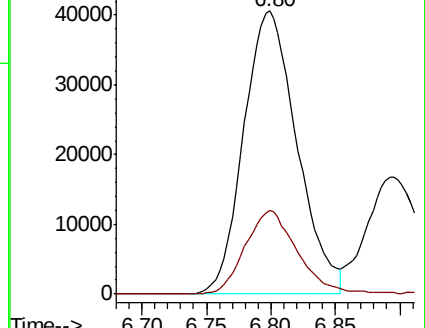
43 100

72 29.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060076.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN060076.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 18.406 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060076.D

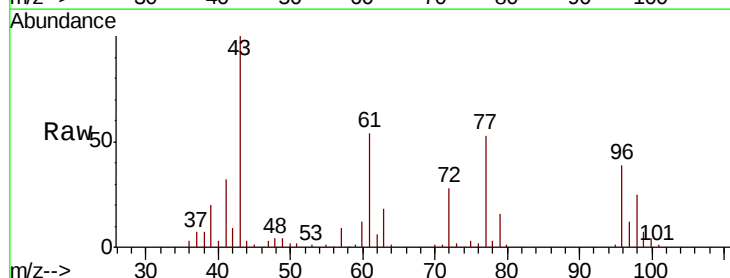
Acq: 12 Feb 2020 16:22

Tgt Ion: 77 Resp: 63141

Ion Ratio Lower Upper

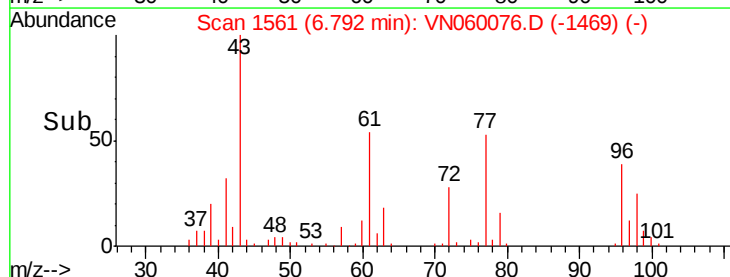
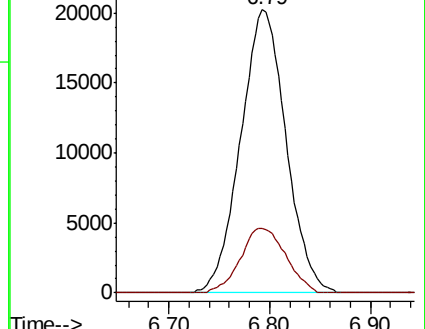
77 100

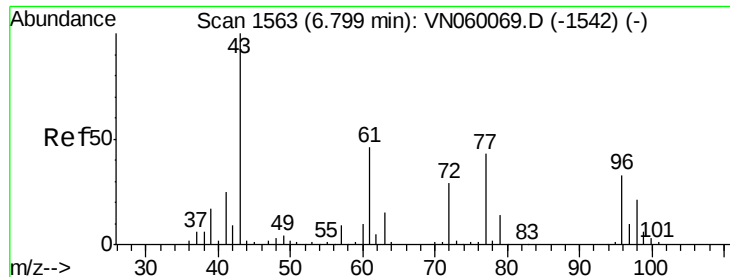
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060076.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN060076.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.832 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :

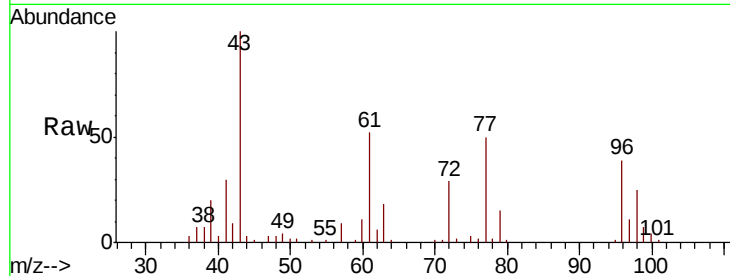
Tot Ion: 96 Resp: 44405

Ion Ratio Lower Upper

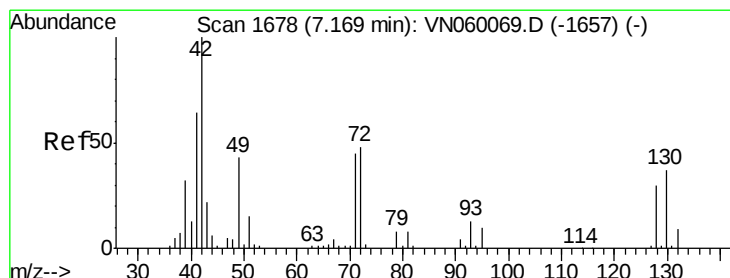
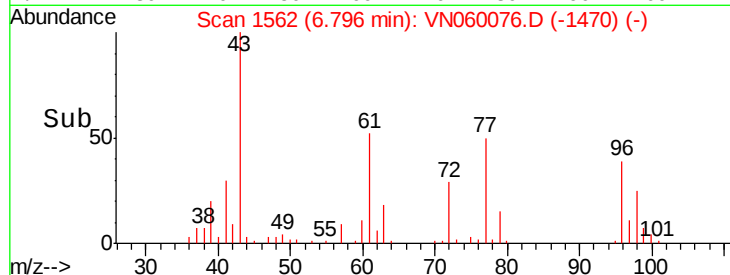
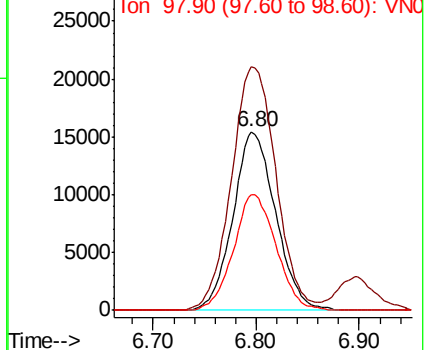
96 100

61 142.3 0.0 285.8

98 64.7 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.569 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

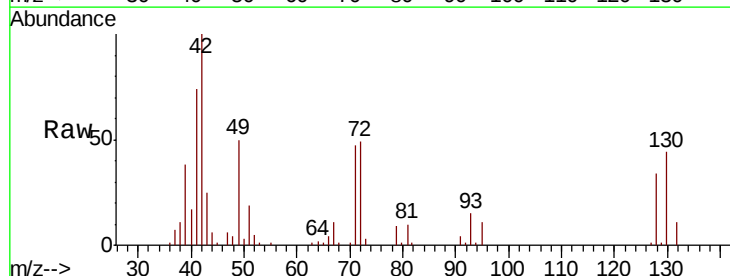
Tgt Ion: 49 Resp: 26366

Ion Ratio Lower Upper

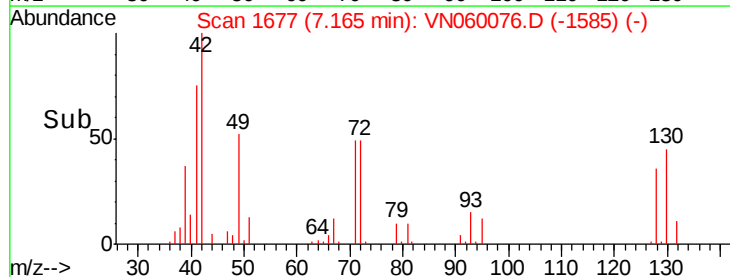
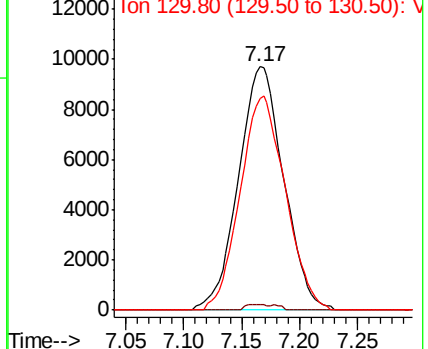
49 100

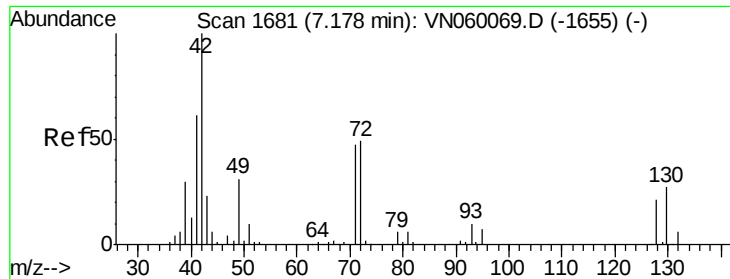
129 1.6 0.0 2.2

130 87.9 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

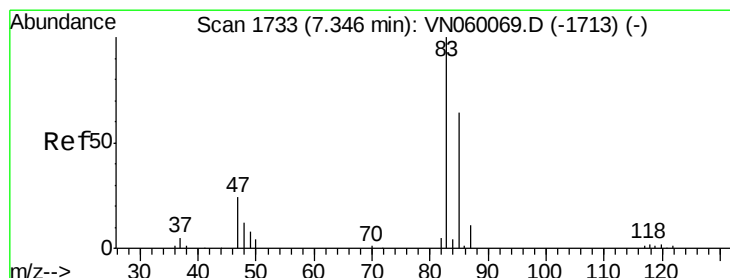
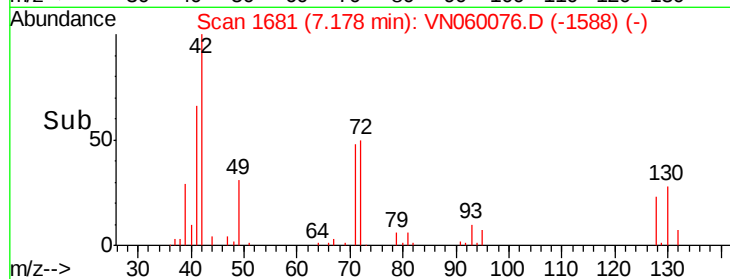
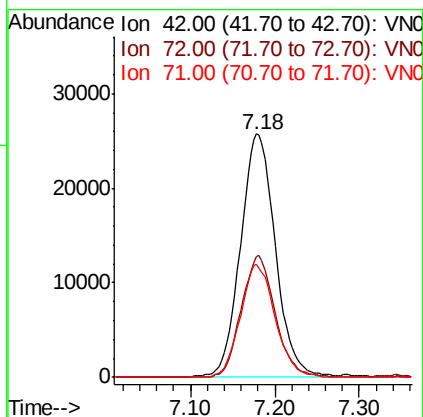
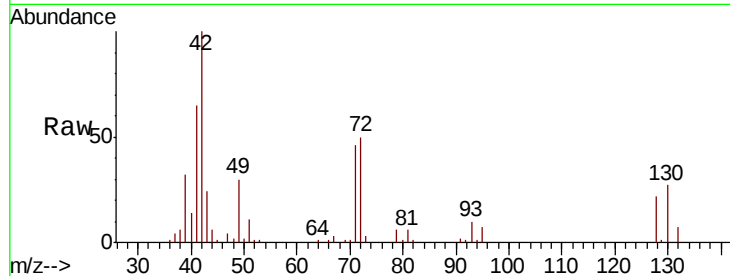




#29
Tetrahydrofuran
Concen: 92.848 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

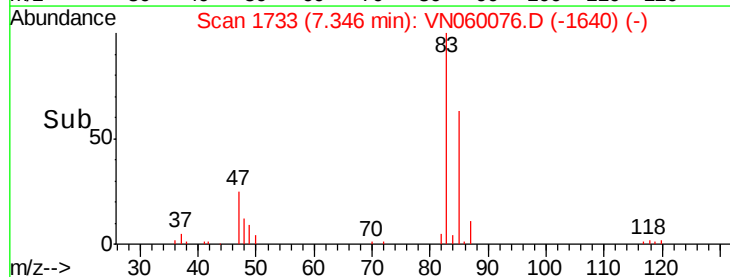
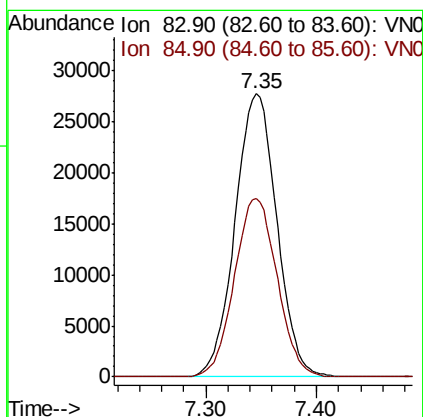
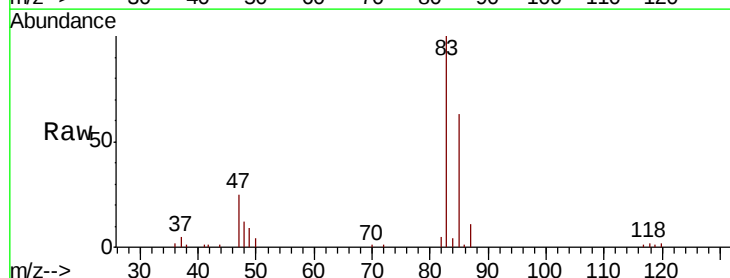
Instrument :
MSVOA_N
ClientSampled :

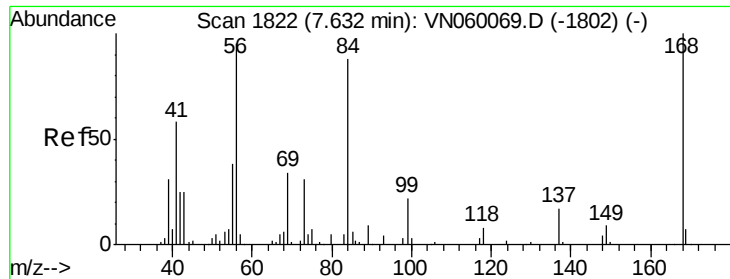
Tot Ion: 42 Resp: 74333
Ion Ratio Lower Upper
42 100
72 48.4 38.2 57.4
71 45.8 36.6 54.8



#30
Chloroform
Concen: 19.244 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 83 Resp: 72808
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0

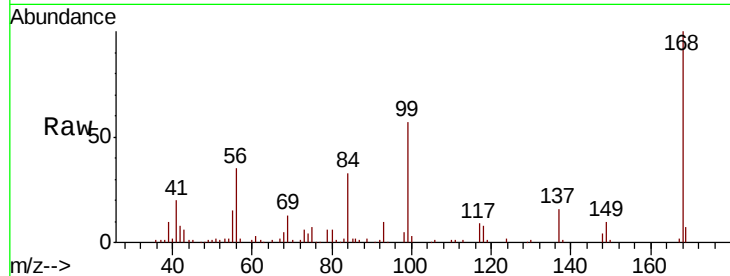




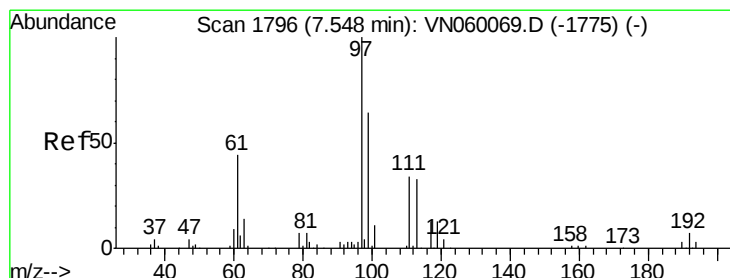
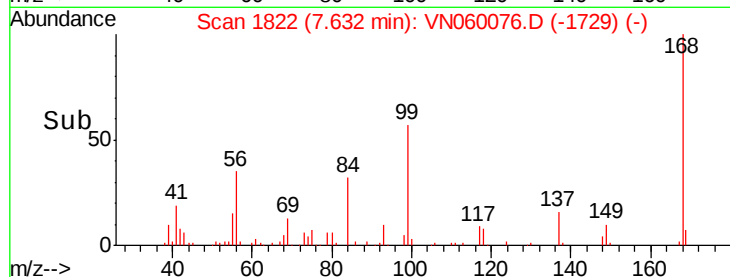
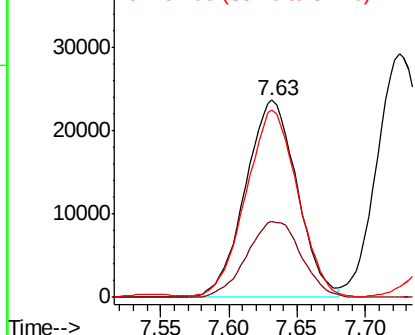
#31
Cyclohexane
Concen: 18.556 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 62430
Ion Ratio Lower Upper
56 100
69 38.4 28.3 42.5
84 94.6 72.6 108.8

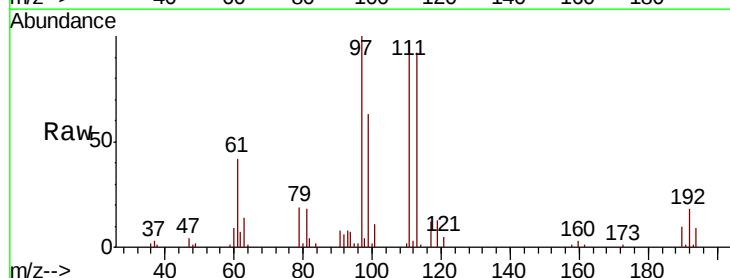


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

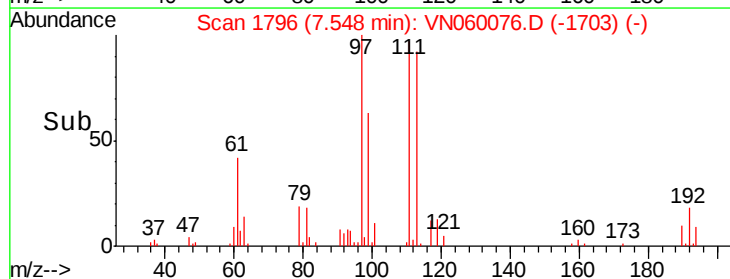
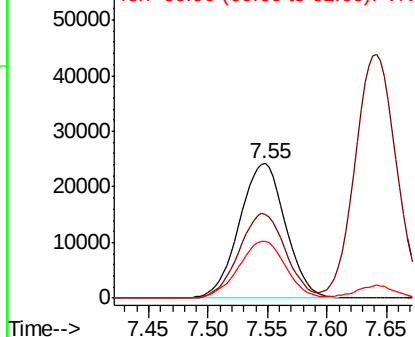


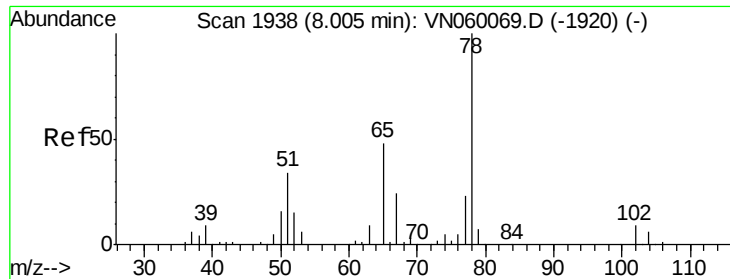
#32
1,1,1-Trichloroethane
Concen: 18.815 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 97 Resp: 65050
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 42.9 34.9 52.3



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

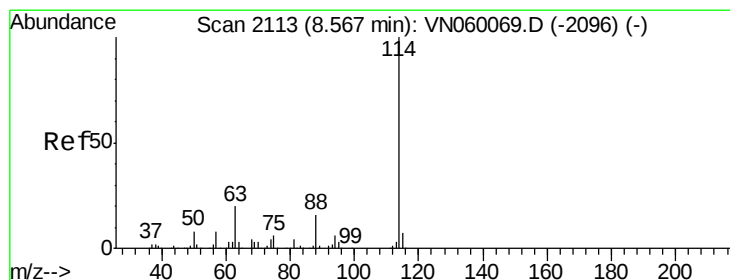
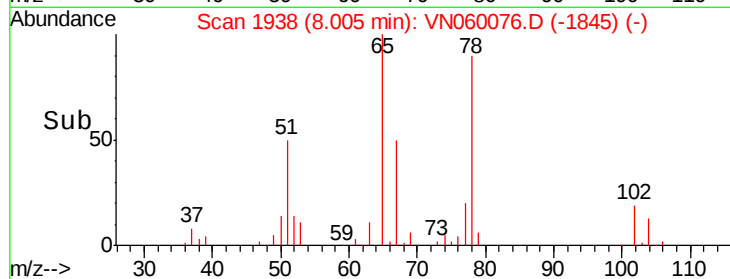
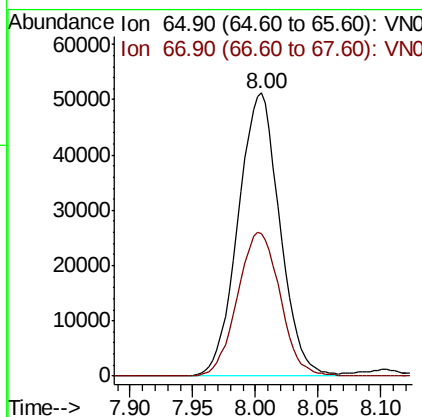
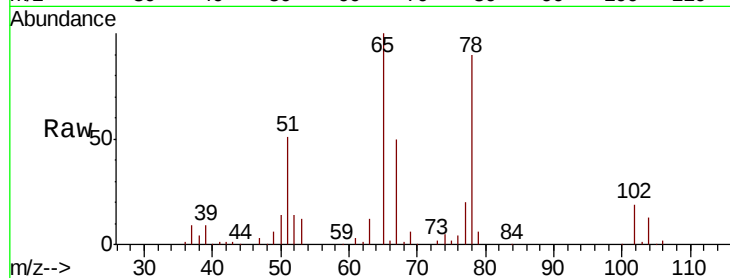




#33
 1,2-Dichloroethane-d4
 Concen: 49.837 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

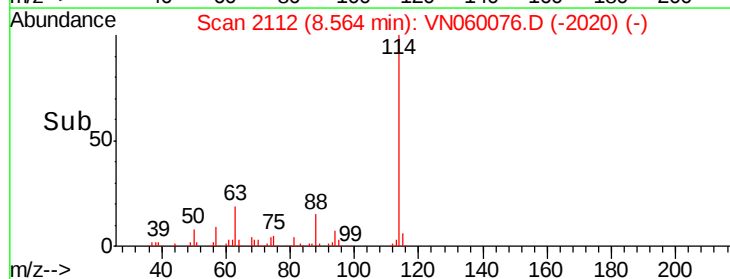
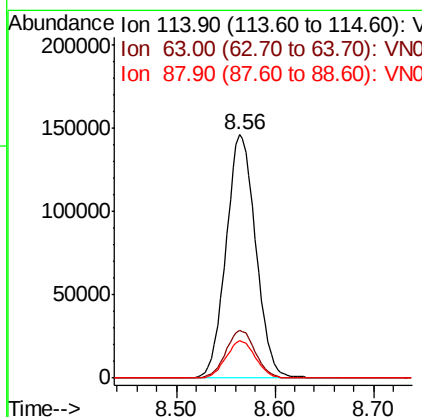
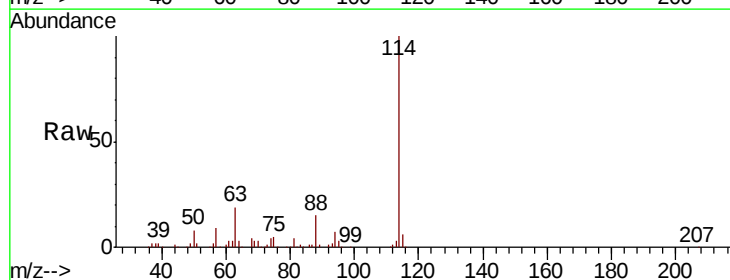
Instrument :
 MSVOA_N
 ClientSampled :

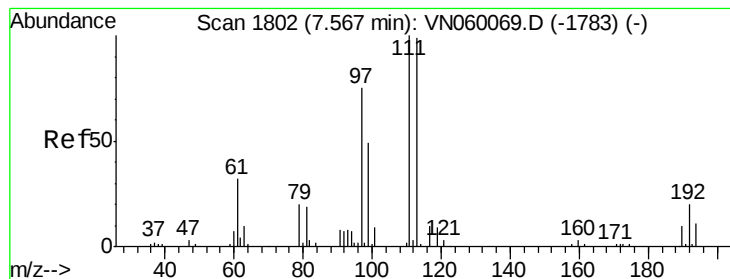
Tot Ion: 65 Resp: 118553
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 114 Resp: 306636
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.166 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

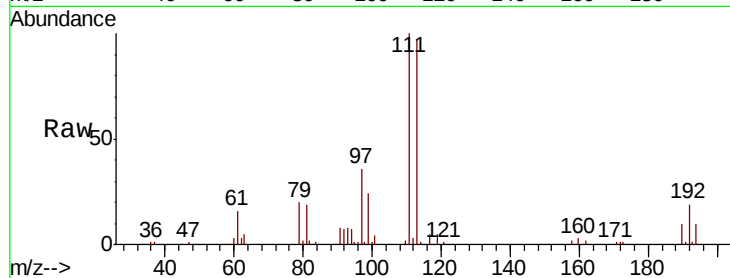
Tot Ion:113 Resp: 94558

Ion Ratio Lower Upper

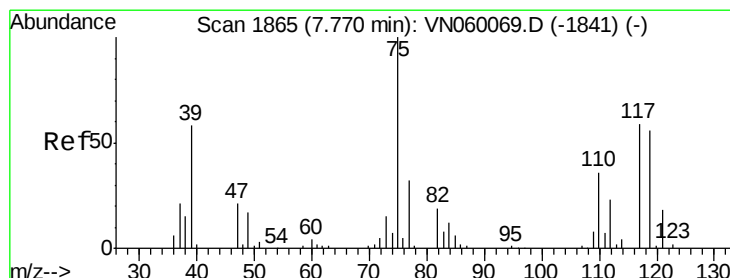
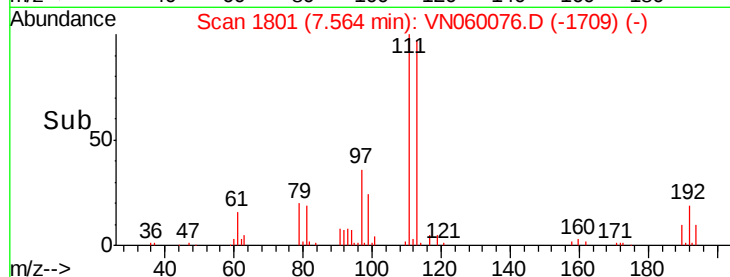
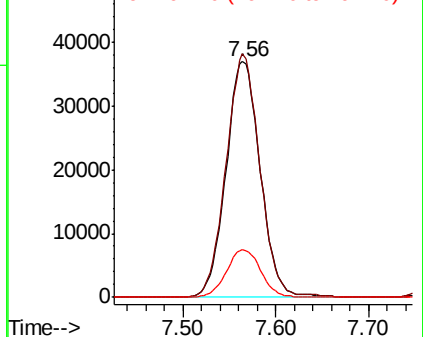
113 100

111 101.8 81.4 122.2

192 20.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.939 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

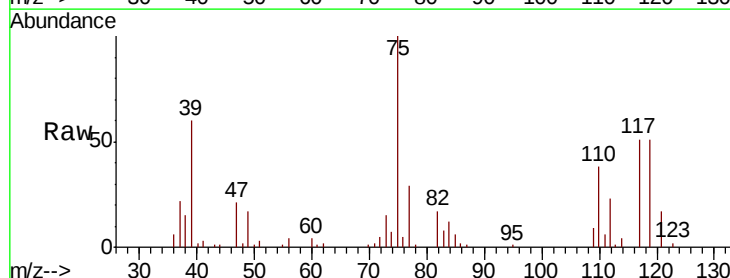
Tgt Ion: 75 Resp: 53789

Ion Ratio Lower Upper

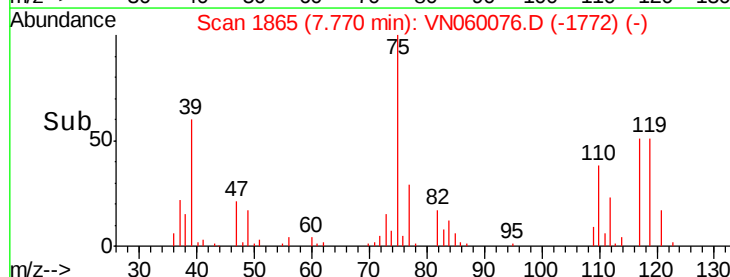
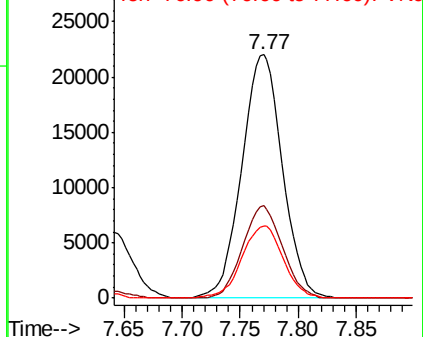
75 100

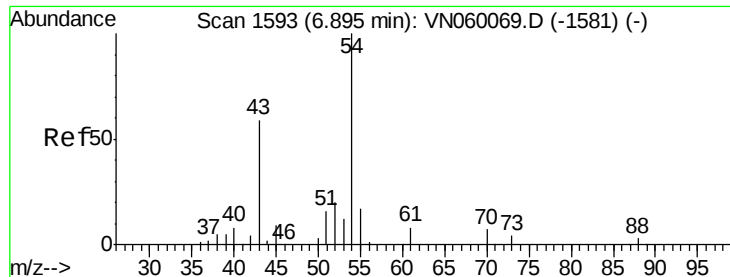
110 36.9 18.1 54.3

77 30.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

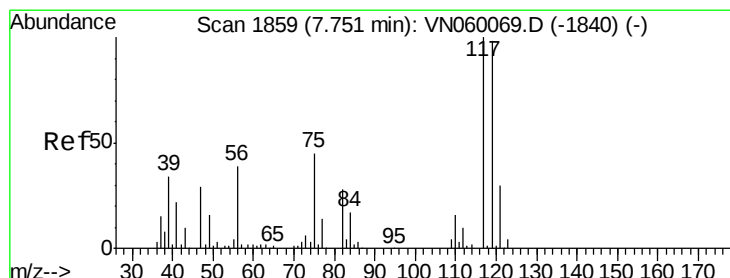
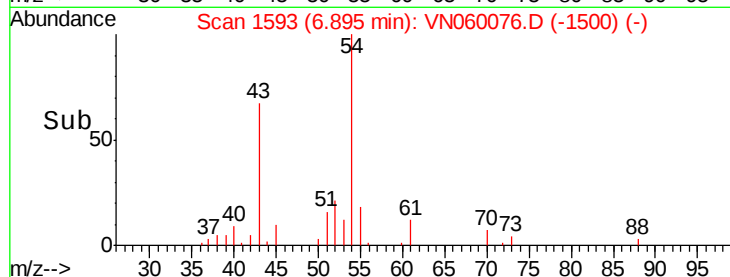
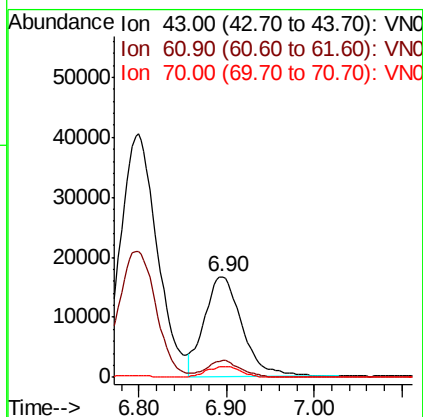
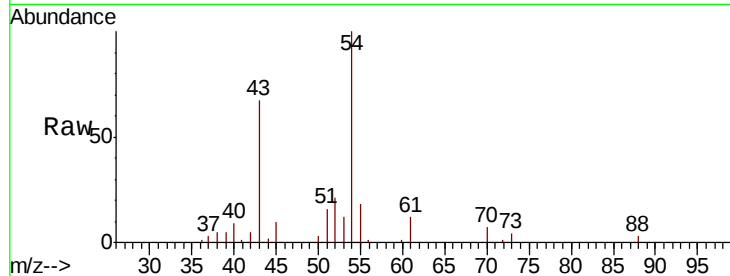




#37
Ethyl Acetate
Concen: 19.554 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

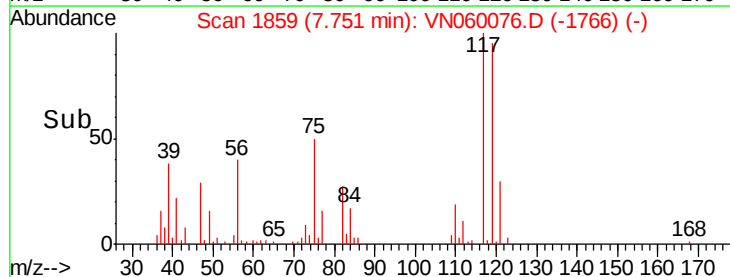
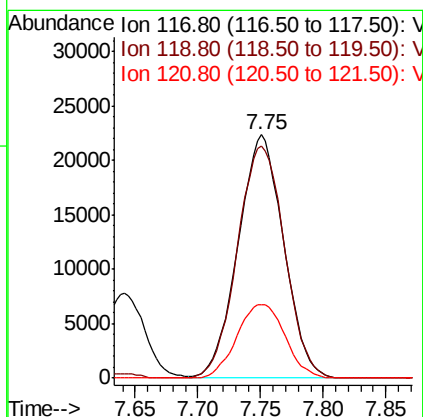
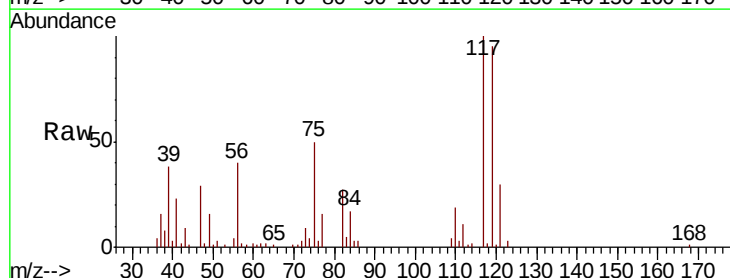
Instrument :
MSVOA_N
ClientSampled :

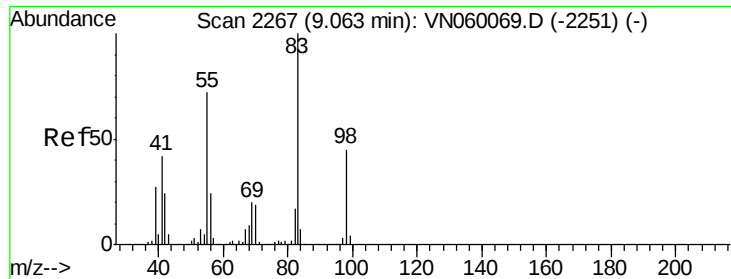
Tot Ion: 43 Resp: 50192
Ion Ratio Lower Upper
43 100
61 15.2 11.4 17.2
70 9.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.333 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 117 Resp: 56549
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.4
121 30.2 24.2 36.2

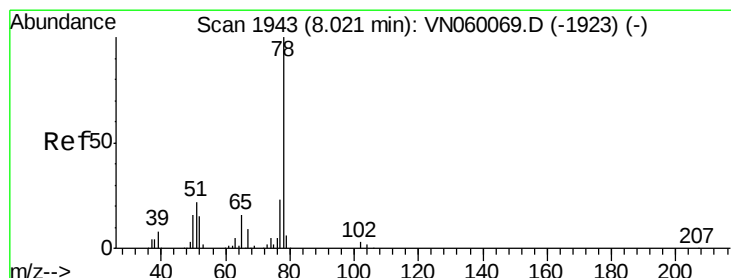
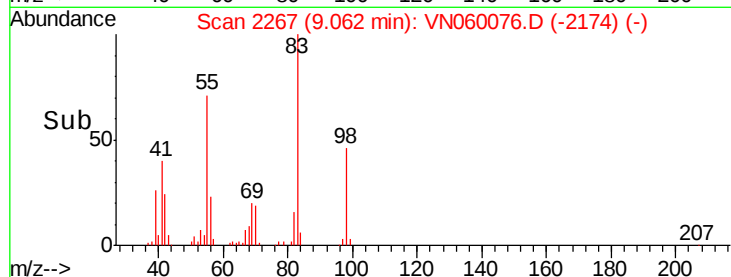
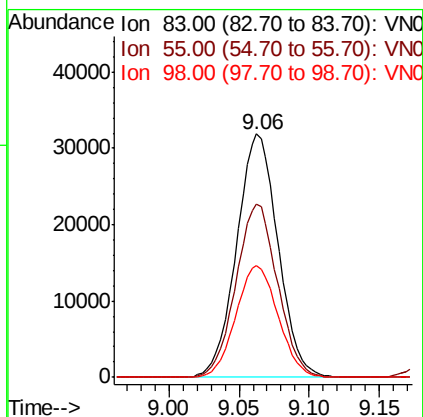
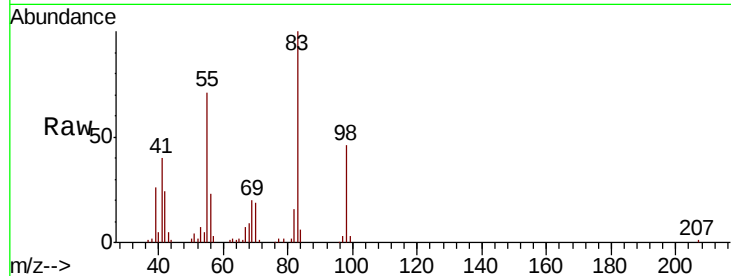




#39
Methvlcvclohexane
Concen: 18.574 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

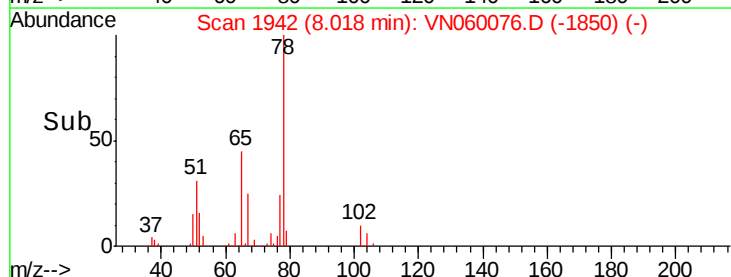
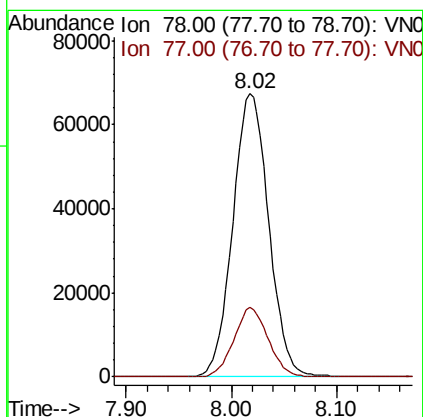
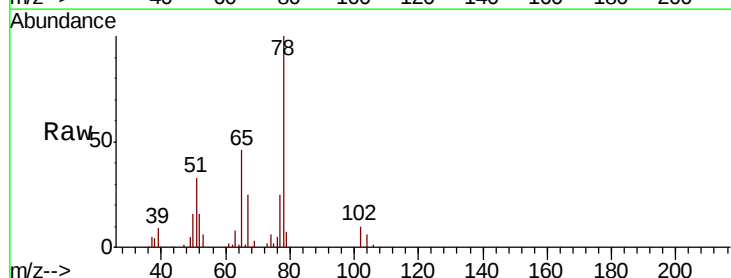
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 65483
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.8
98 45.7 36.4 54.6



#40
Benzene
Concen: 18.899 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 78 Resp: 159222
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

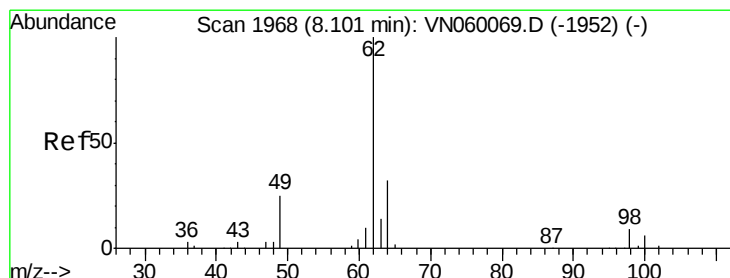
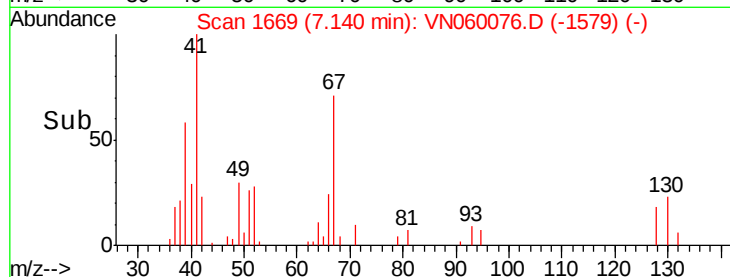
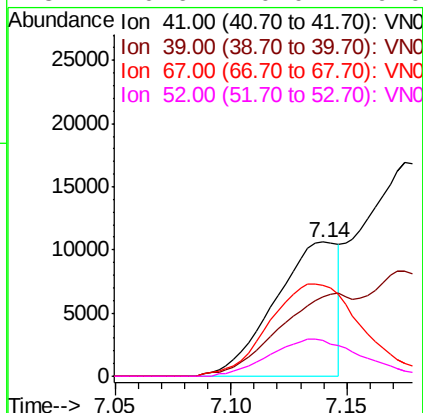
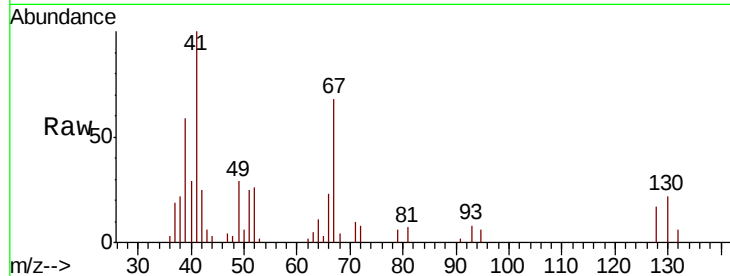




#41
Methacrylonitrile
Concen: 18.828 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

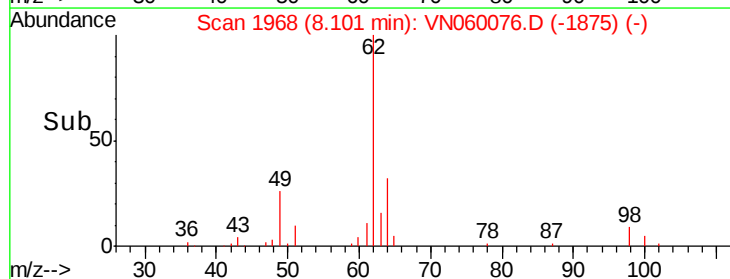
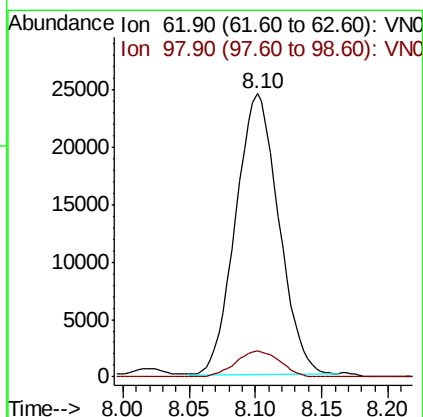
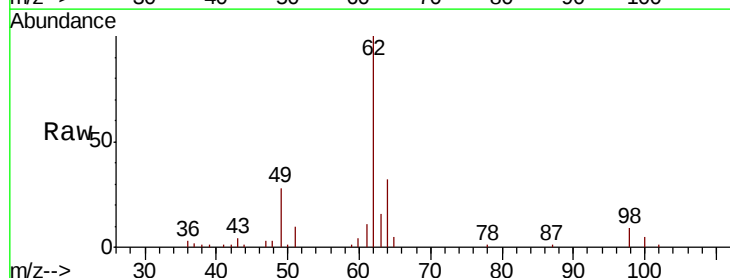
Instrument :
MSVOA_N
ClientSampled :

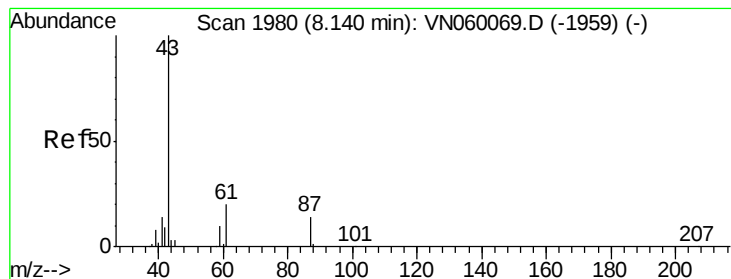
Tot Ion:	41	Resp:	20268
Ion	Ratio	Lower	Upper
41	100		
39	70.1	0.0	0.0#
67	102.2	0.0	0.0#
52	40.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.831 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:	62	Resp:	55605
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.024 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

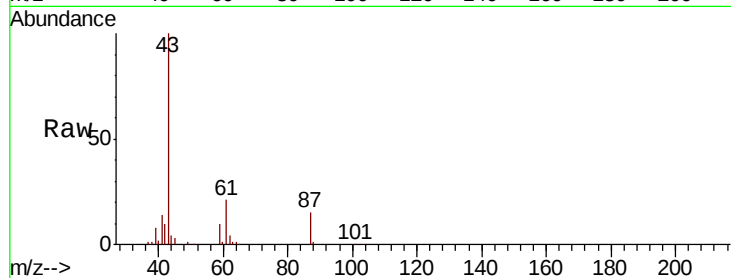
Tot Ion: 43 Resp: 83474

Ion Ratio Lower Upper

43 100

61 27.9 21.8 32.6

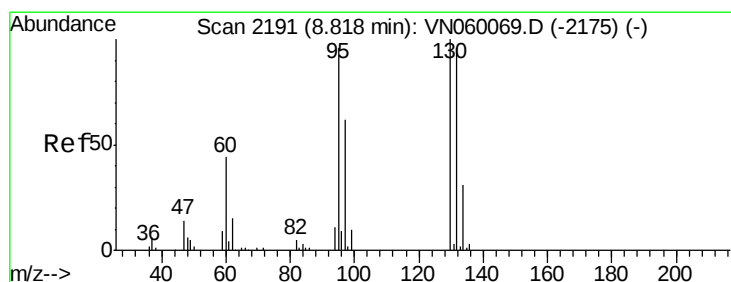
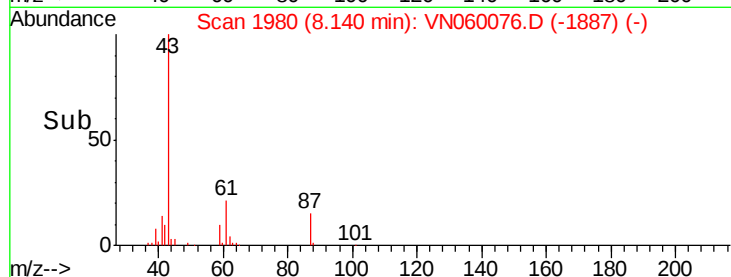
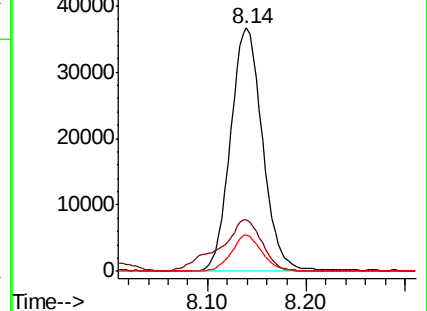
87 14.2 11.4 17.2



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) (-)



#44

Trichloroethene

Concen: 18.643 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060076.D

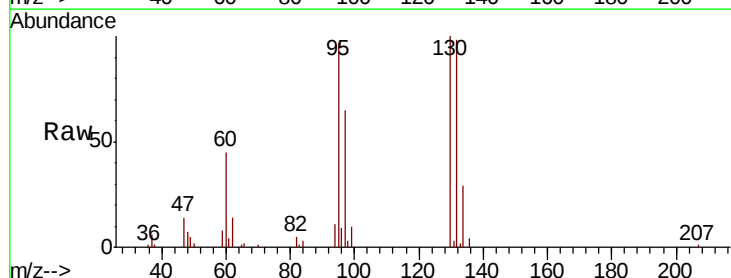
Acq: 12 Feb 2020 16:22

Tgt Ion: 130 Resp: 43491

Ion Ratio Lower Upper

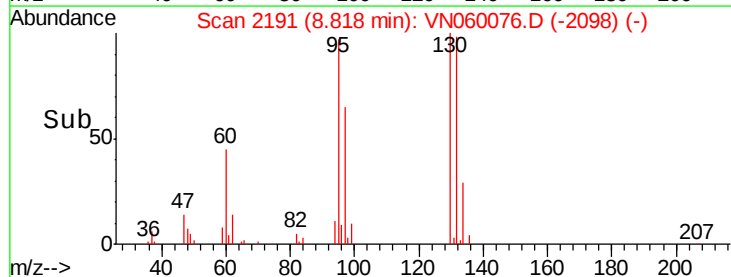
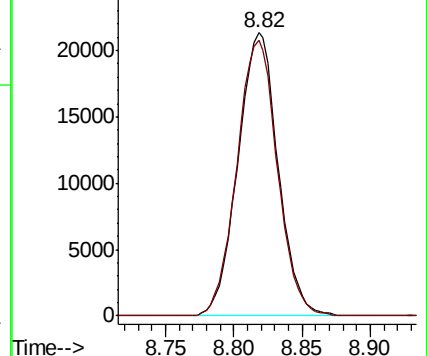
130 100

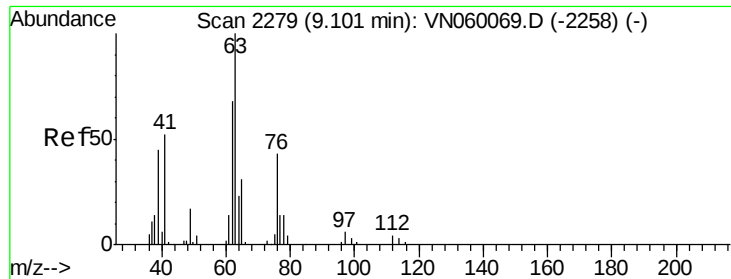
95 97.3 0.0 192.4



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

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

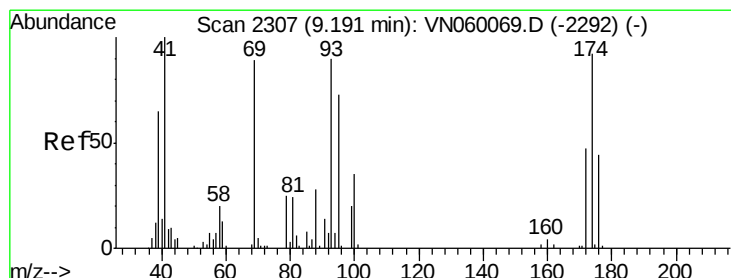
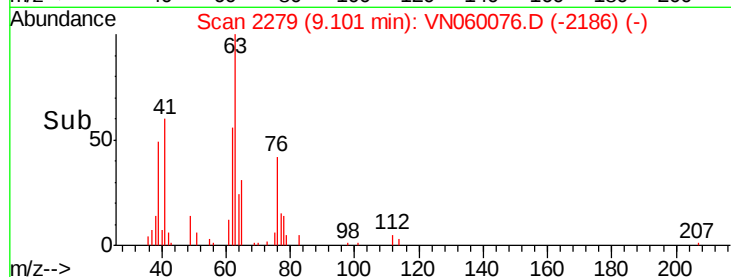
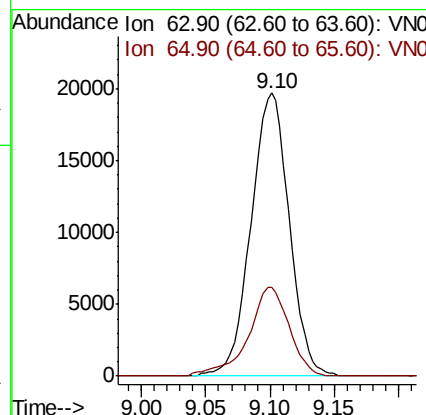
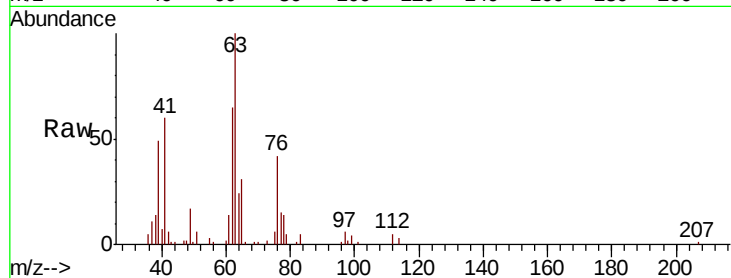




#45
 1,2-Dichloropropane
 Concen: 19.521 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

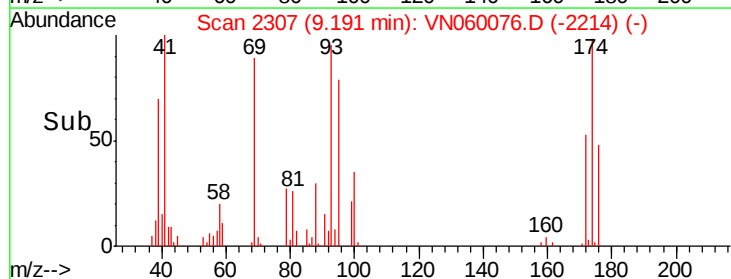
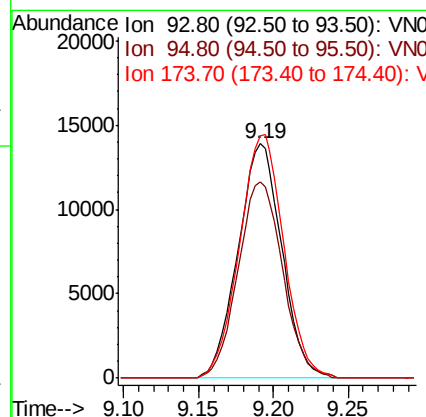
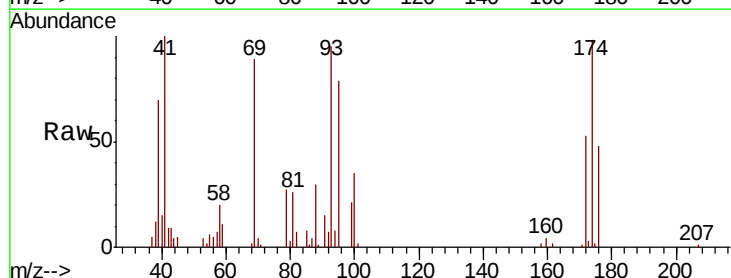
Instrument :
 MSVOA_N
 ClientSampled :

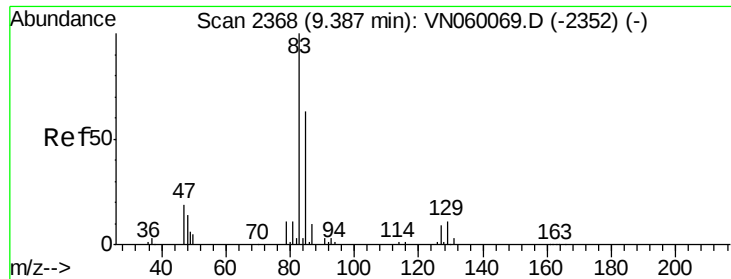
Tot Ion: 63 Resp: 40718
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 19.219 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 93 Resp: 28329
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.0 97.6
 174 104.9 82.3 123.5

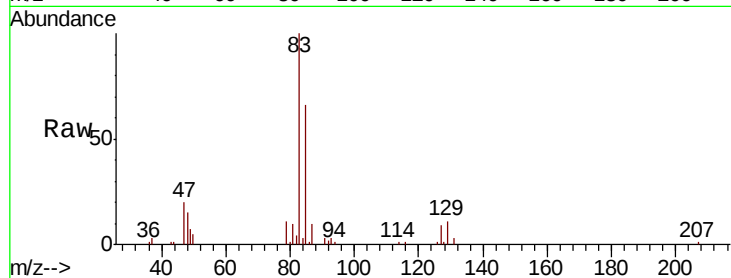




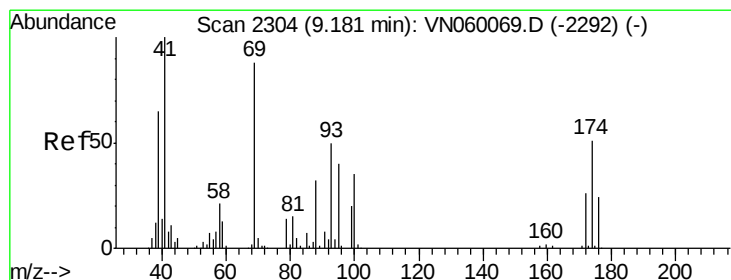
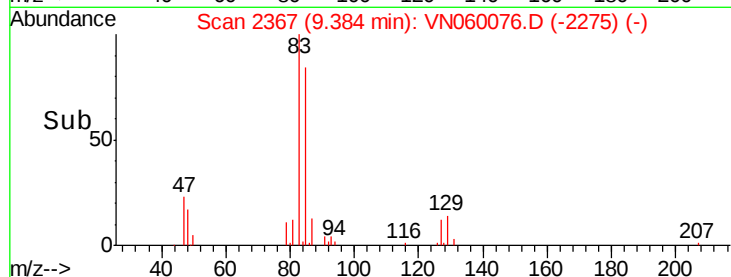
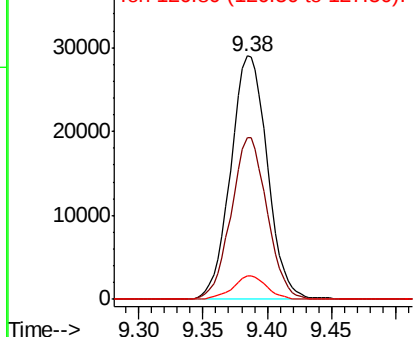
#47
Bromodichloromethane
Concen: 19.128 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 57321
Ion Ratio Lower Upper
83 100
85 66.4 50.6 75.8
127 9.5 7.0 10.6

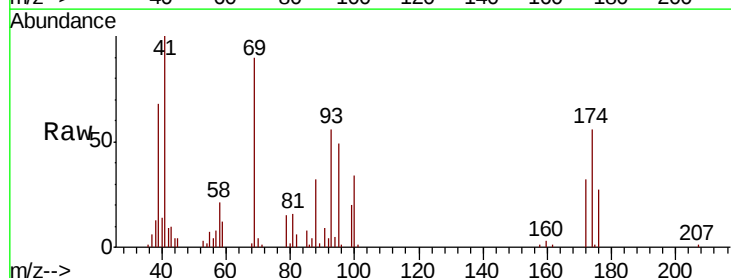


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

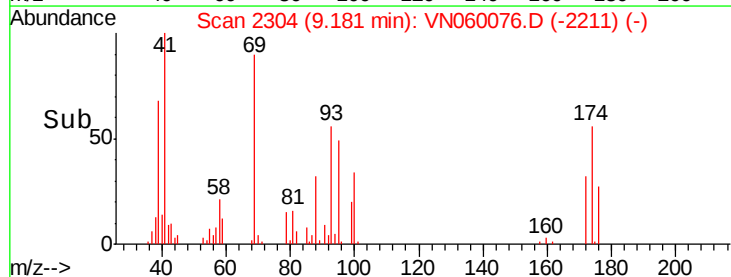
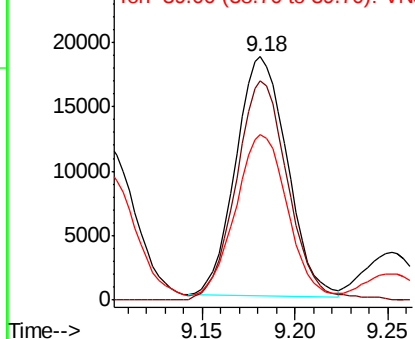


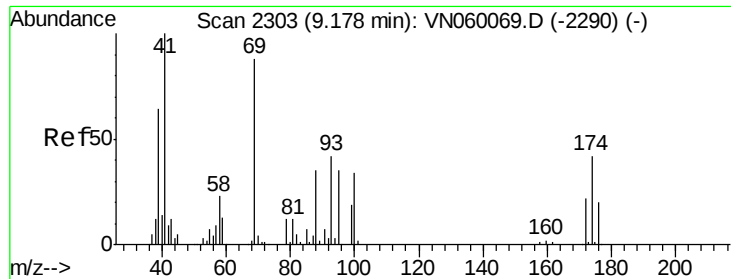
#48
Methyl methacrylate
Concen: 18.182 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 41 Resp: 35794
Ion Ratio Lower Upper
41 100
69 92.3 72.0 108.0
39 71.1 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

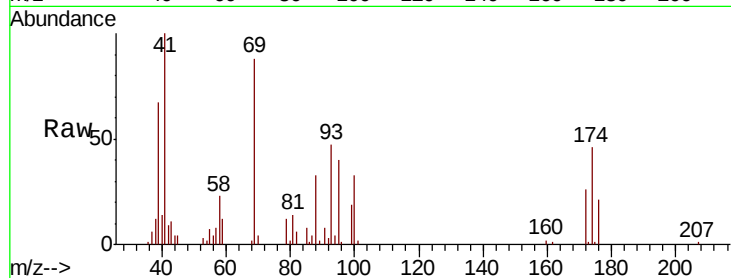




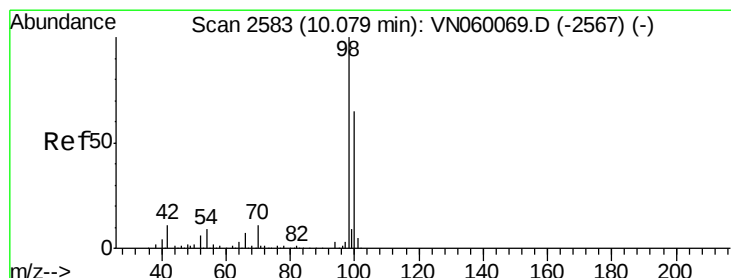
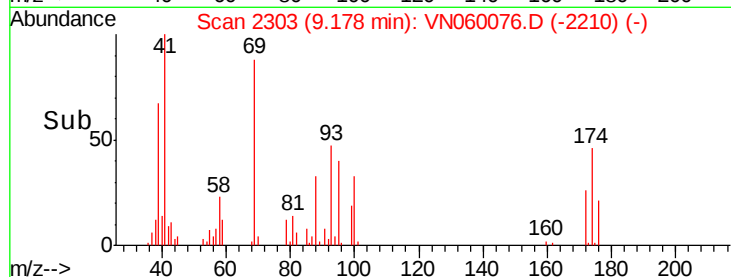
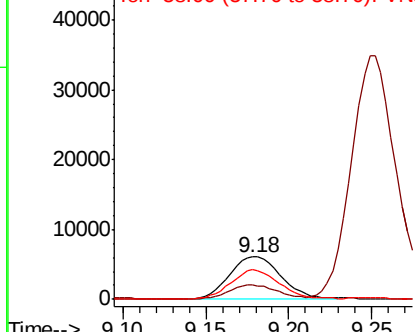
#49
1,4-Dioxane
Concen: 396.439 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 13335
Ion Ratio Lower Upper
88 100
43 32.0 26.2 39.2
58 65.1 53.2 79.8

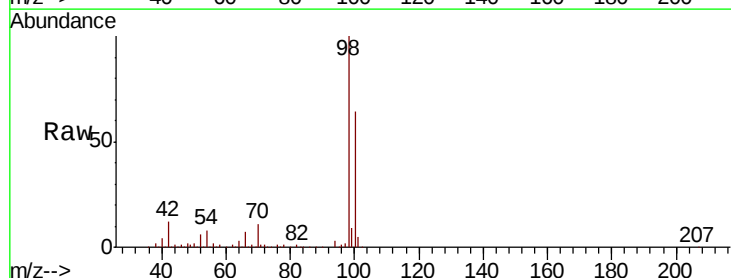


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

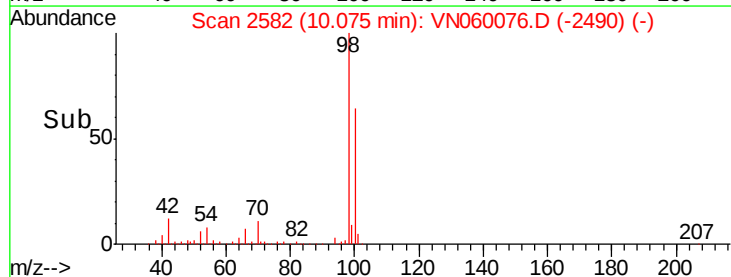
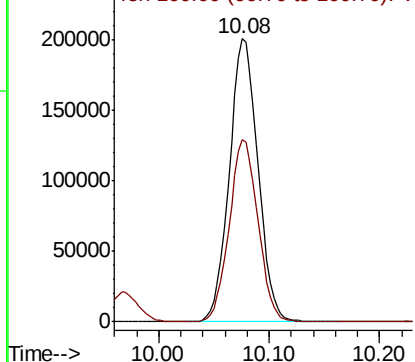


#50
Toluene-d8
Concen: 48.807 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 98 Resp: 362275
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 94.947 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

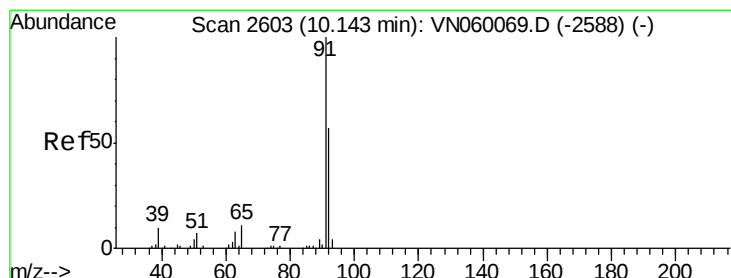
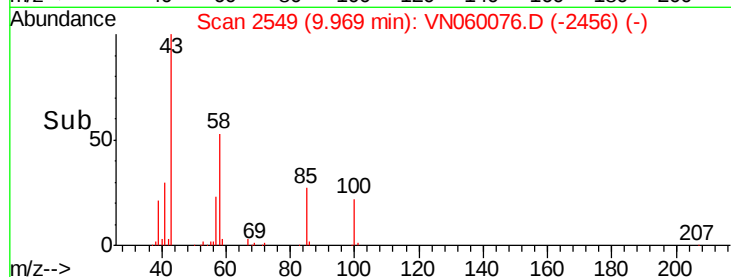
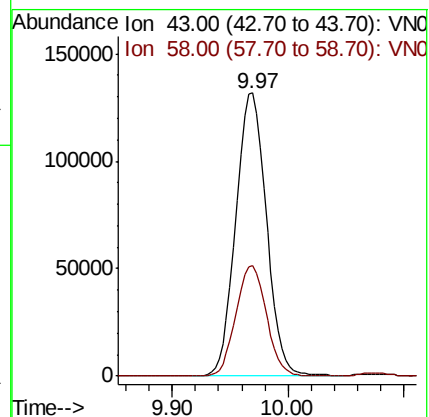
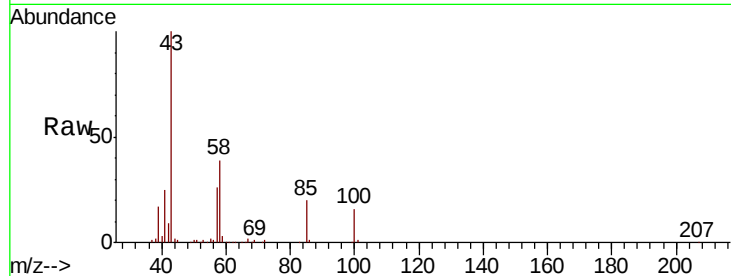
ClientSampleId :

Tot Ion: 43 Resp: 241144

Ion Ratio Lower Upper

43 100

58 39.0 31.8 47.8



#52

Toluene

Concen: 18.834 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060076.D

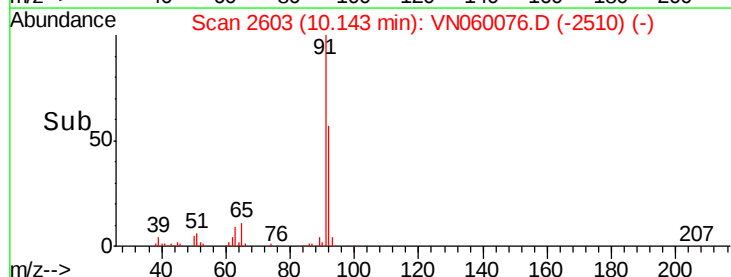
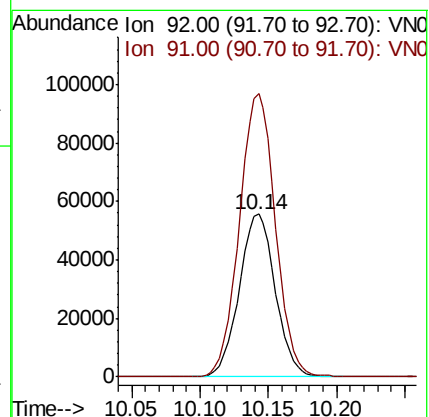
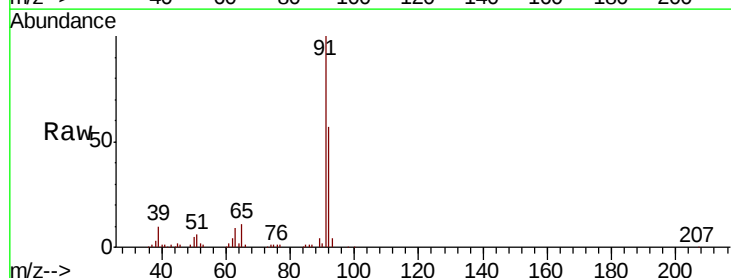
Acq: 12 Feb 2020 16:22

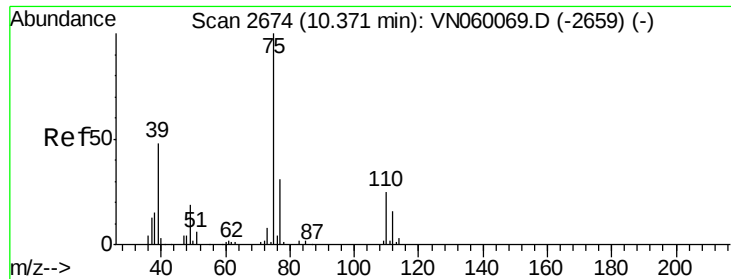
Tgt Ion: 92 Resp: 101754

Ion Ratio Lower Upper

92 100

91 174.2 140.9 211.3

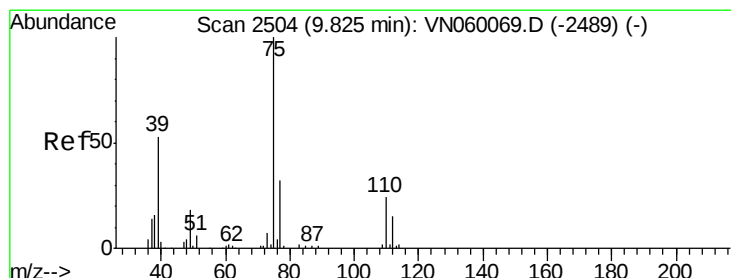
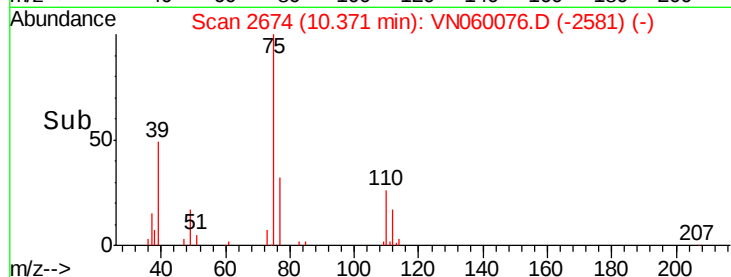
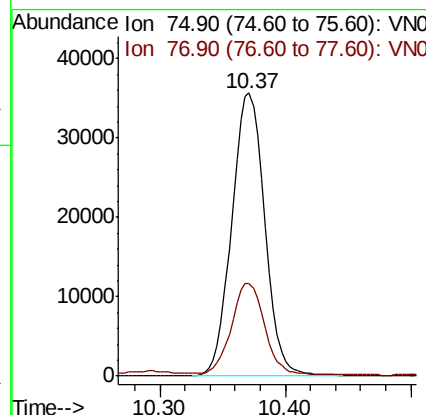
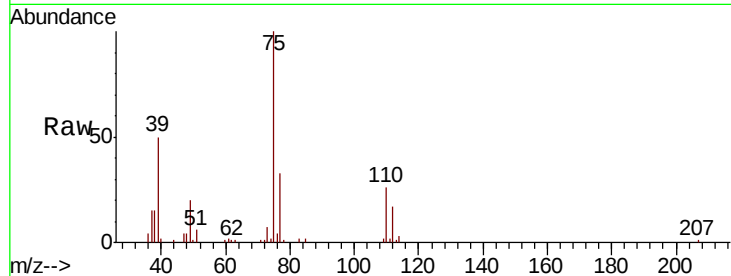




#53
t-1,3-Dichloropropene
Concen: 19.267 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

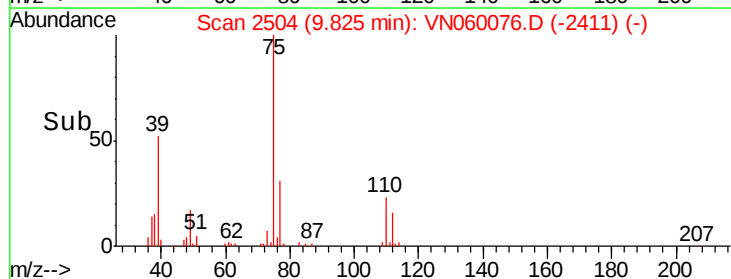
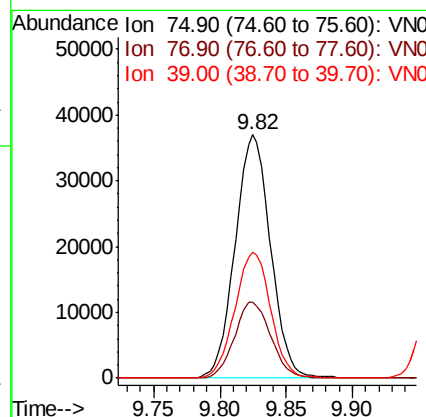
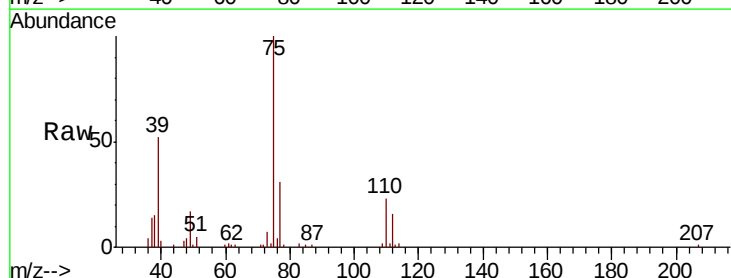
Instrument :
MSVOA_N
ClientSampleId :

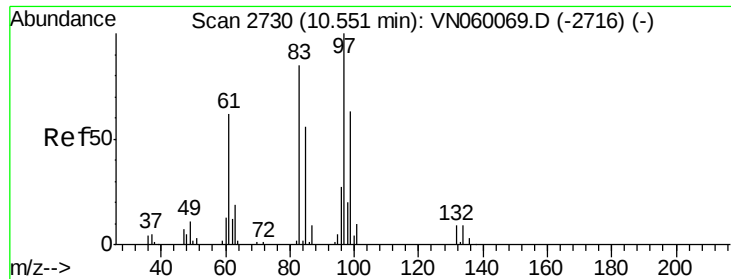
Tot Ion: 75 Resp: 65172
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.279 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 75 Resp: 68671
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 51.6 42.2 63.4

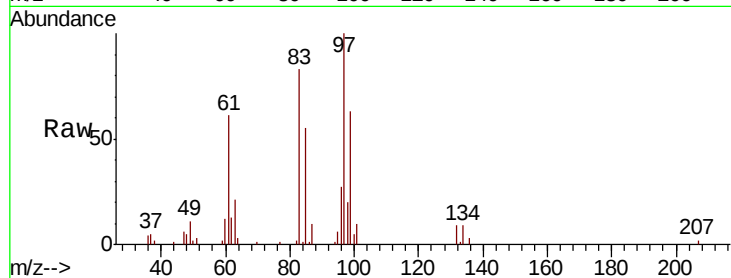




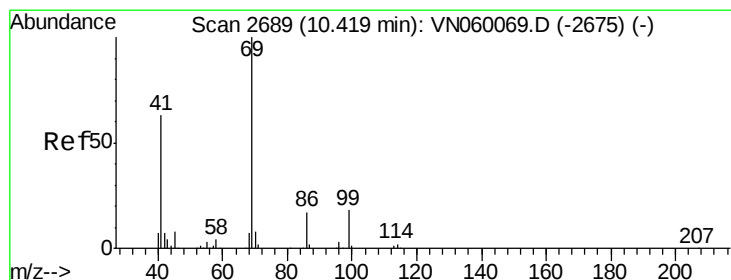
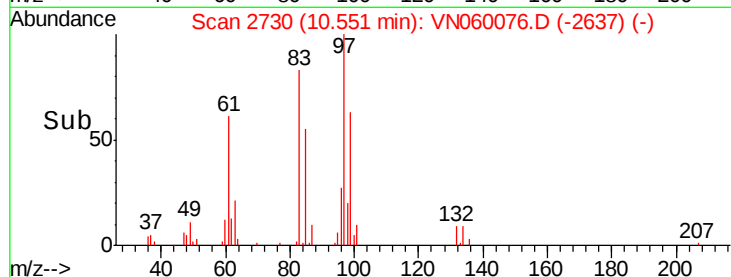
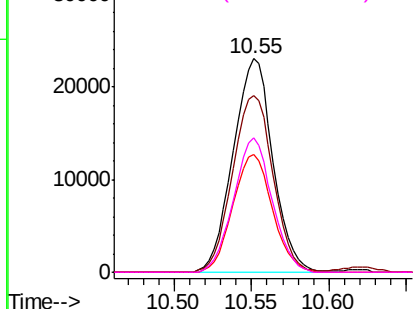
#55
 1,1,2-Trichloroethane
 Concen: 19.566 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	41239
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.9	101.9
85	55.2	44.6	67.0
99	63.1	50.1	75.1

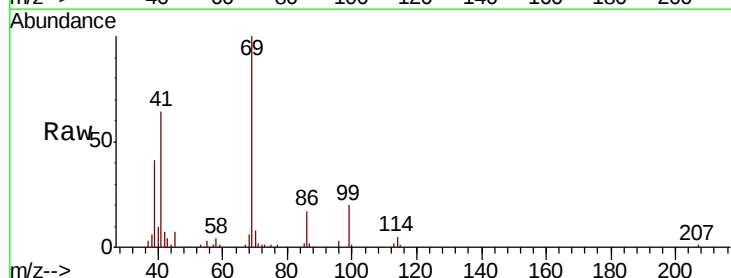


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

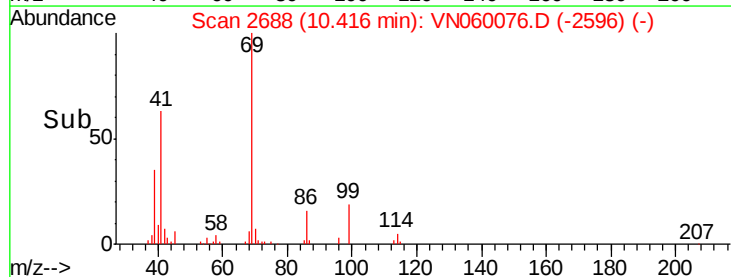
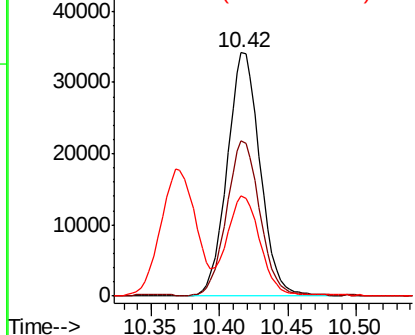


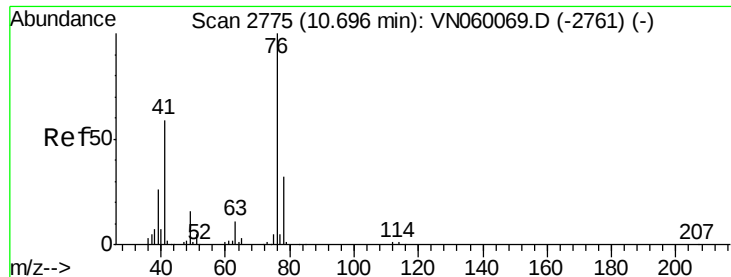
#56
 Ethyl methacrylate
 Concen: 19.212 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion:	69	Resp:	57283
Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.1	76.7
39	42.8	33.8	50.8



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





#57

1,3-Dichloropropane

Concen: 19.331 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

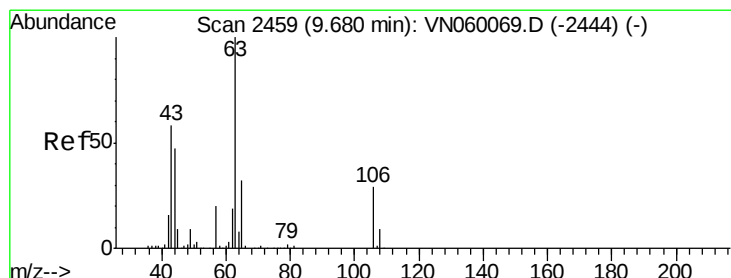
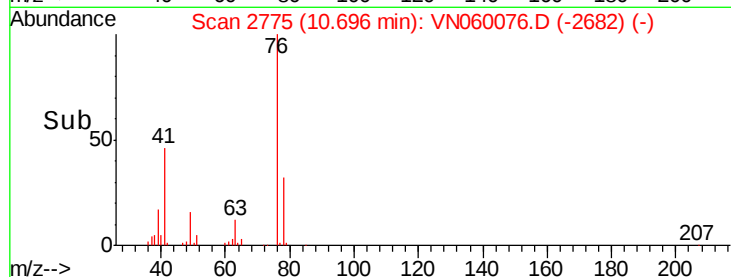
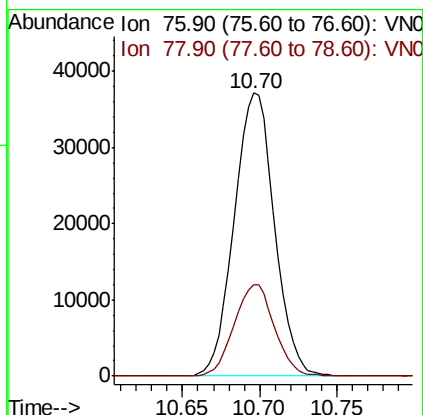
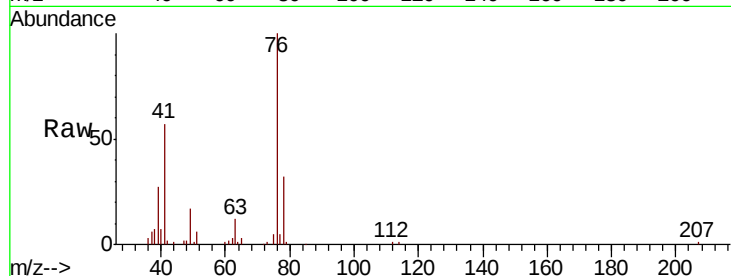
ClientSampled :

Tot Ion: 76 Resp: 67231

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 99.715 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060076.D

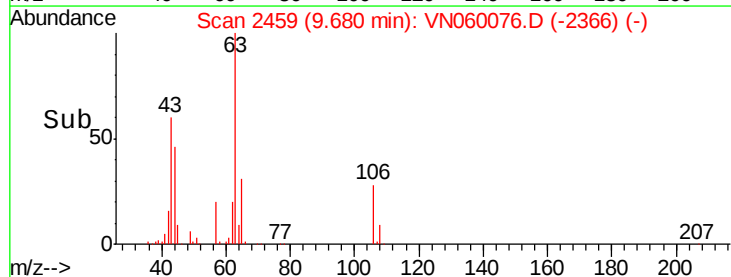
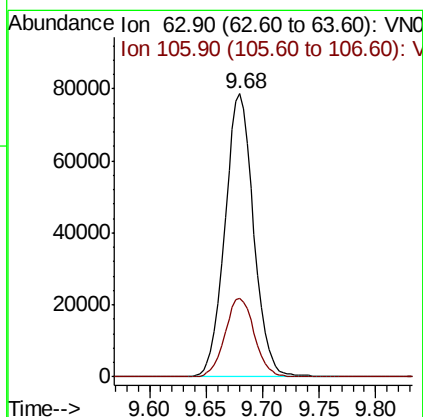
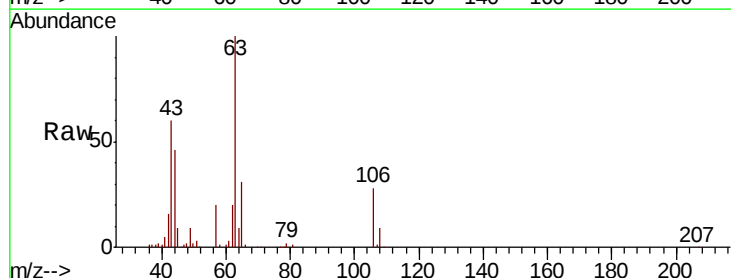
Acq: 12 Feb 2020 16:22

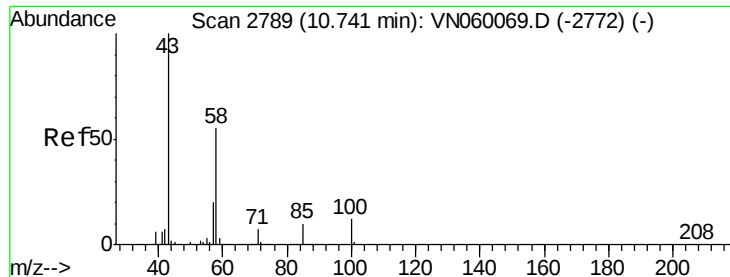
Tgt Ion: 63 Resp: 138510

Ion Ratio Lower Upper

63 100

106 28.8 22.9 34.3

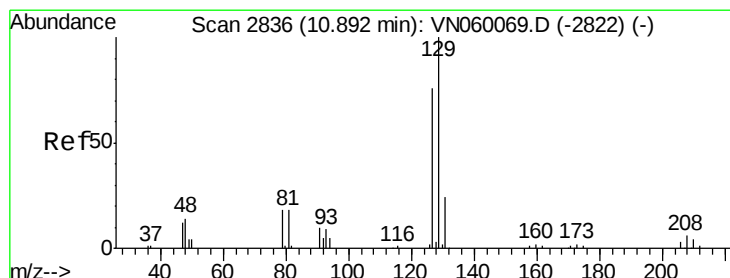
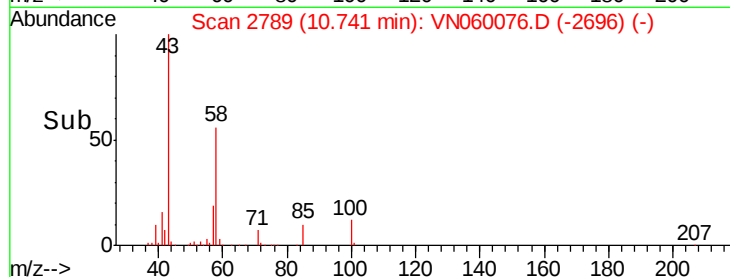
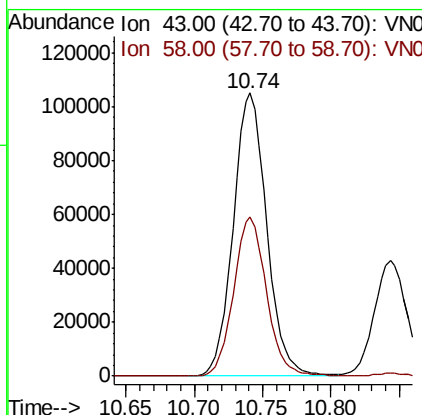
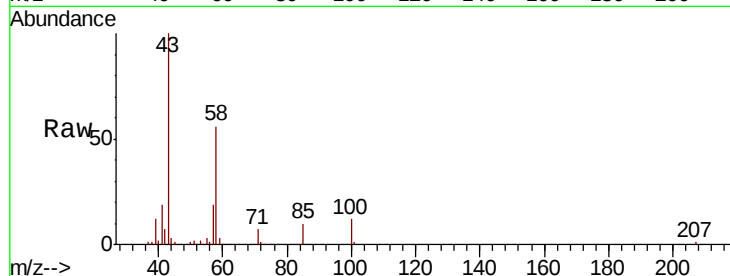




#59
2-Hexanone
Concen: 91.302 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

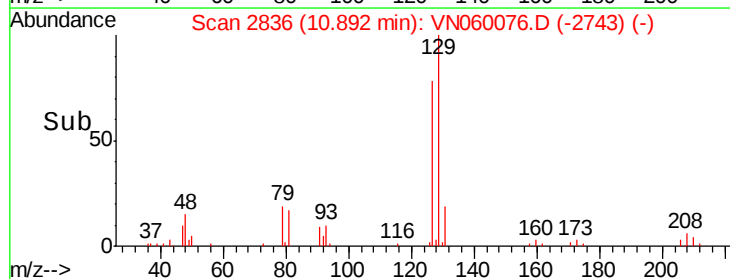
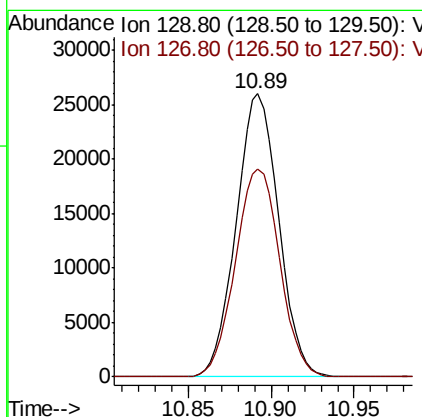
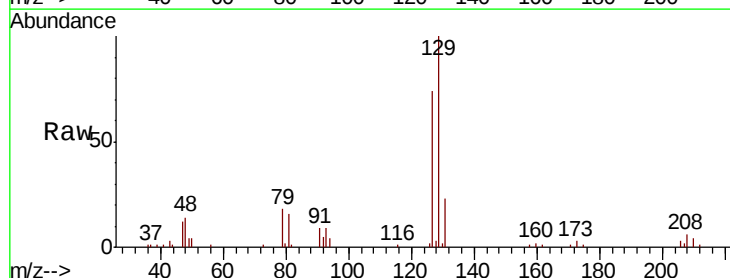
Instrument :
MSVOA_N
ClientSampleId :

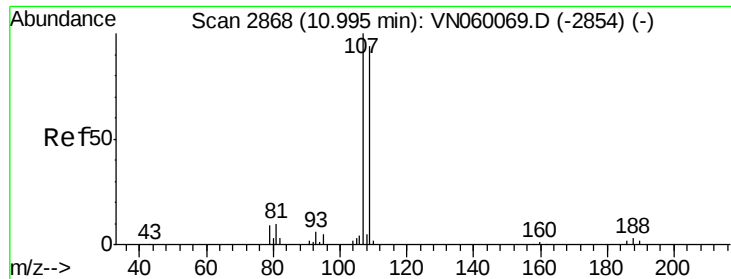
Tot Ion: 43 Resp: 179126
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.4



#60
Dibromochloromethane
Concen: 19.181 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:129 Resp: 46393
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

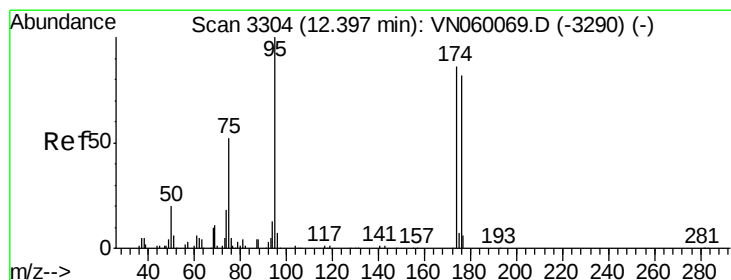
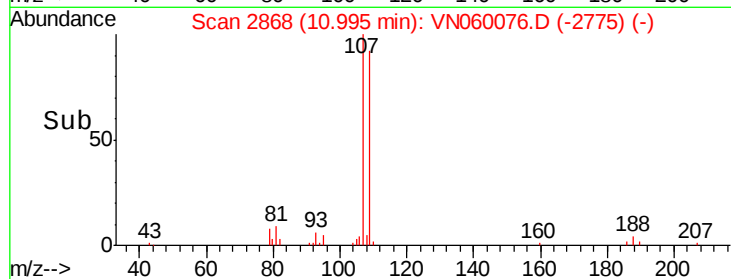
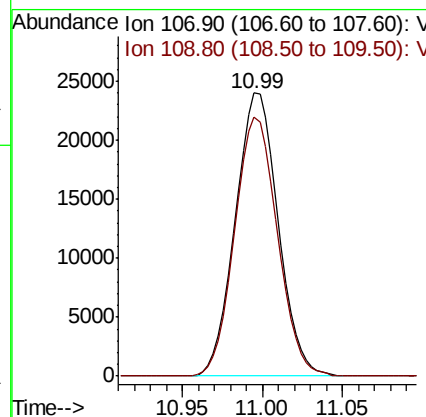
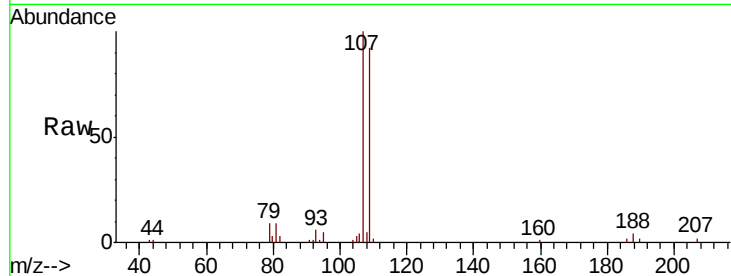




#61
 1,2-Dibromoethane
 Concen: 19.827 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

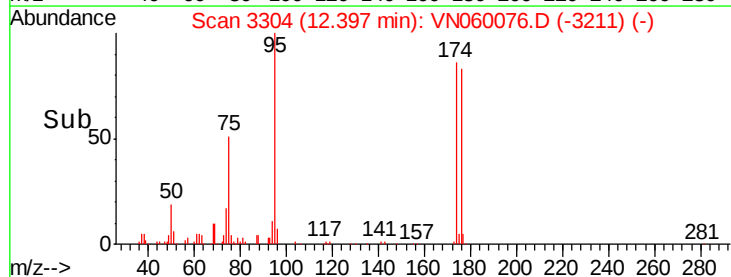
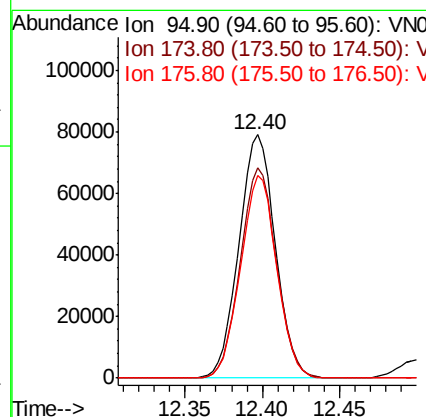
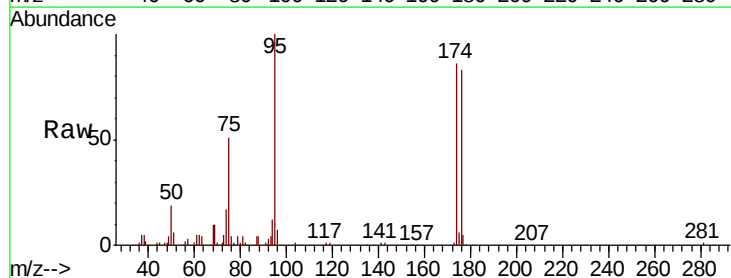
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:107 Resp: 43809
 Ion Ratio Lower Upper
 107 100
 109 91.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.339 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 95 Resp: 129116
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 169.8
 176 82.9 0.0 164.8

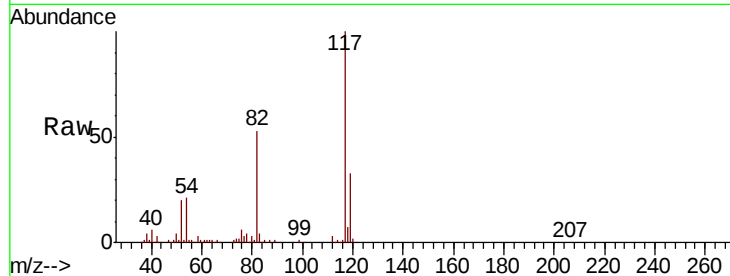




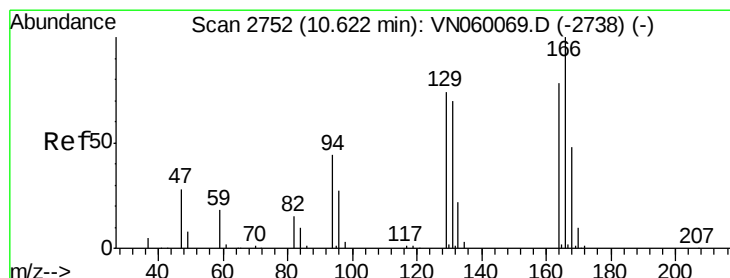
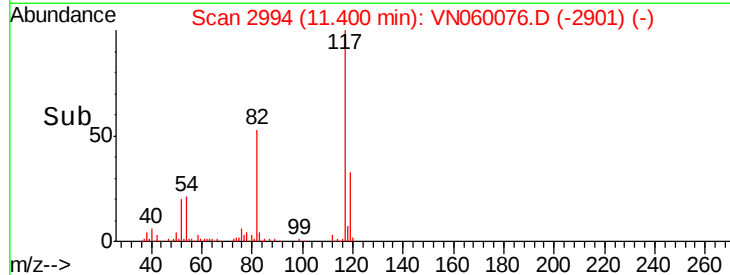
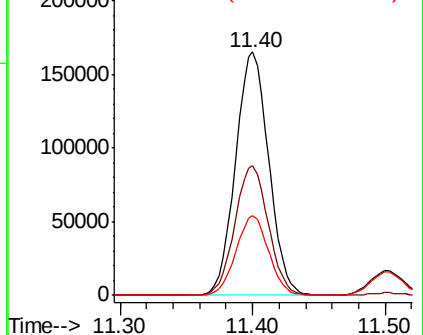
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 287313
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.6 25.8 38.6

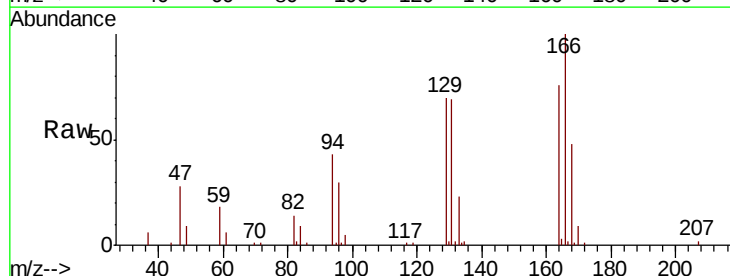


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

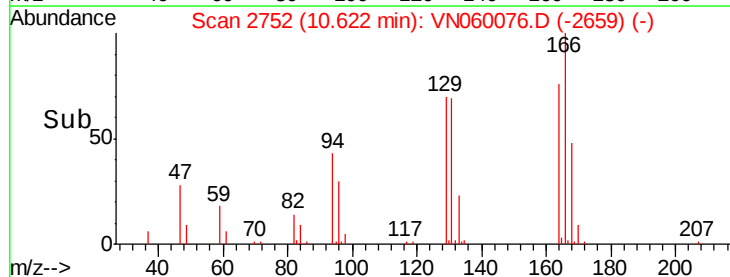
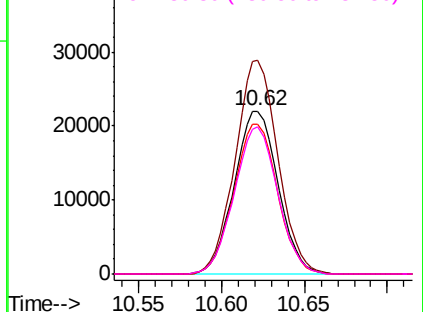


#64
Tetrachloroethene
Concen: 18.480 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:164 Resp: 40362
Ion Ratio Lower Upper
164 100
166 130.9 101.9 152.9
129 91.5 75.4 113.0
131 89.9 71.4 107.2



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

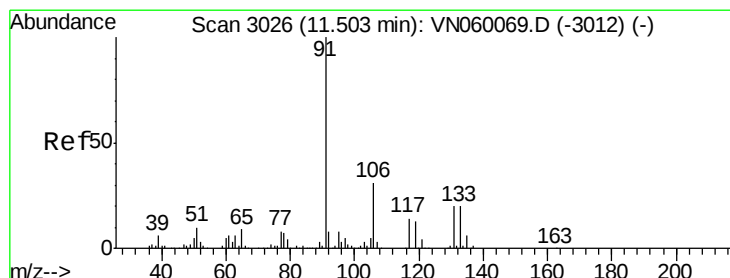
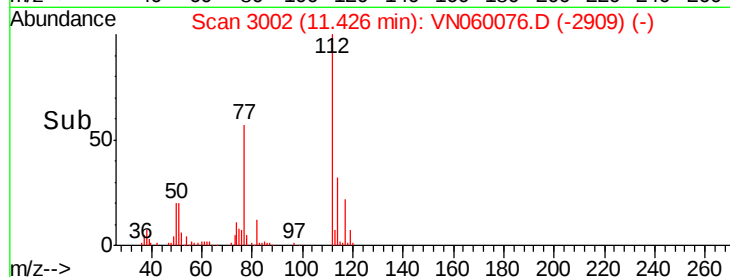
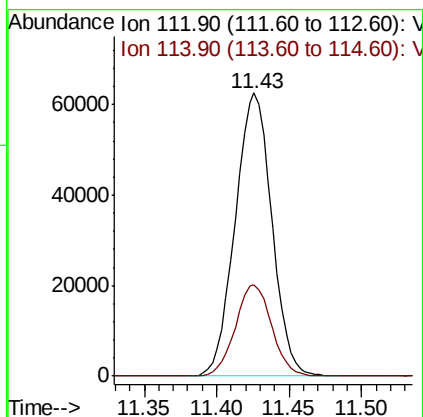
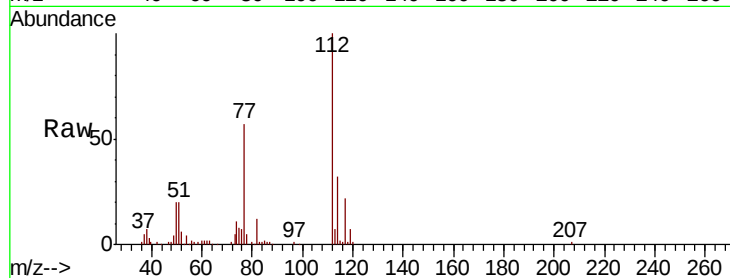




#65
Chlorobenzene
Concen: 18.749 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

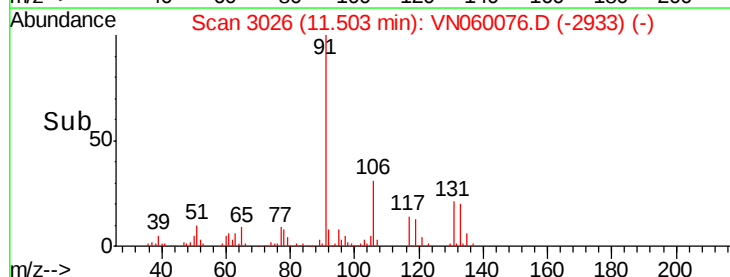
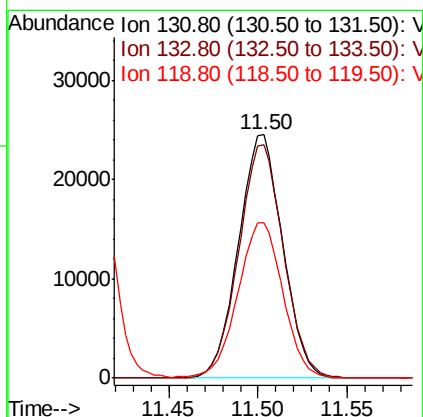
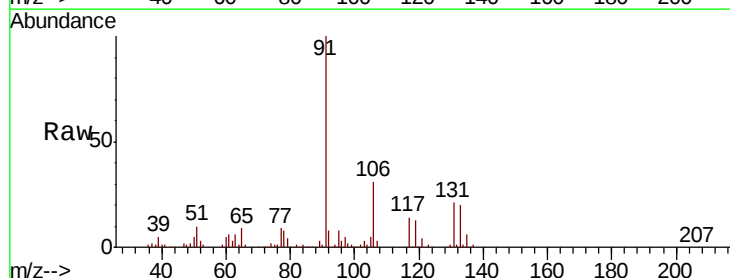
Instrument :
MSVOA_N
ClientSampled :

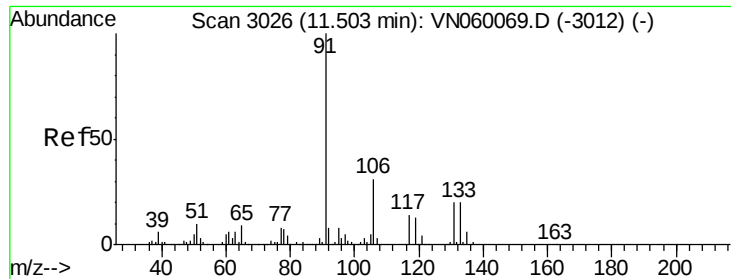
Tot Ion:112 Resp: 109751
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.181 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:131 Resp: 42475
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.7
119 65.3 32.6 97.7

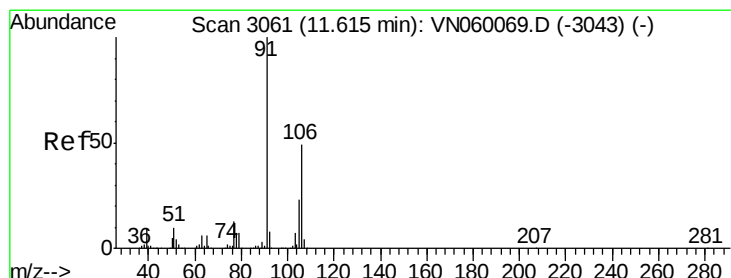
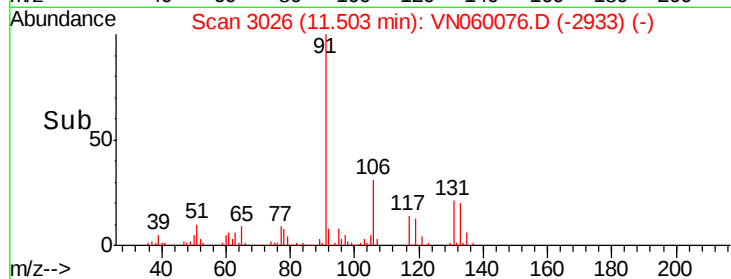
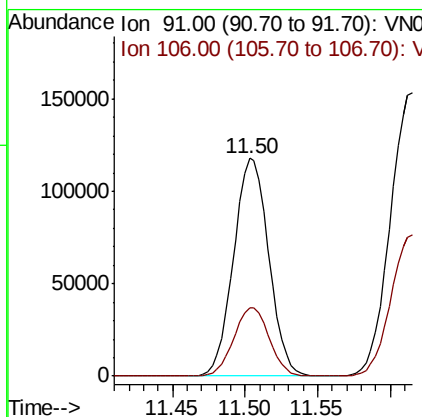
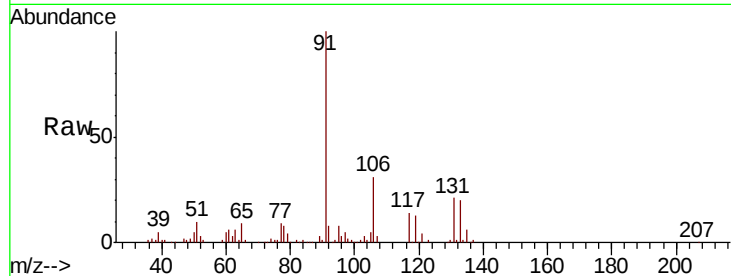




#67
Ethyl Benzene
Concen: 18.826 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

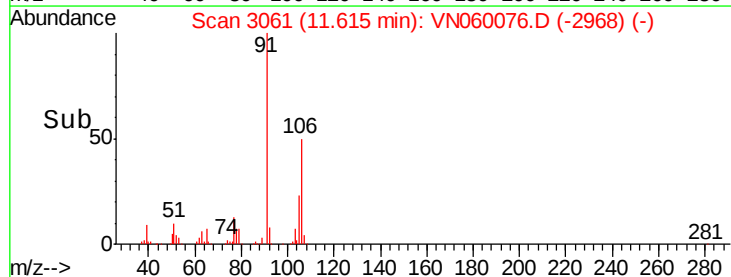
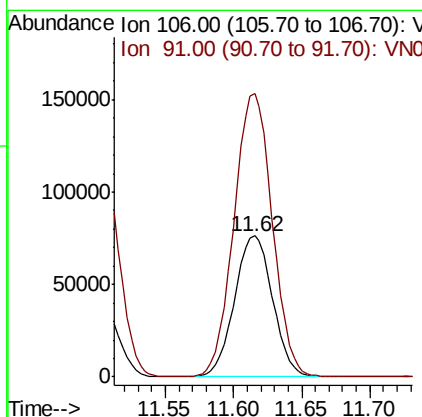
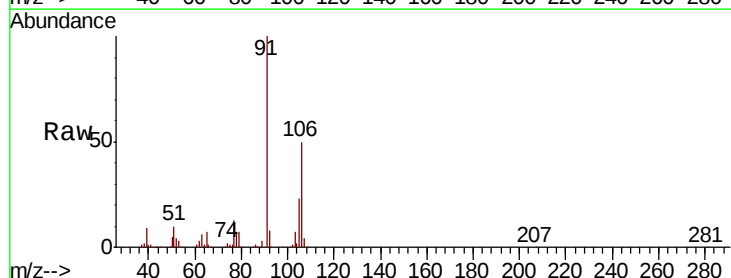
Instrument :
MSVOA_N
ClientSampled :

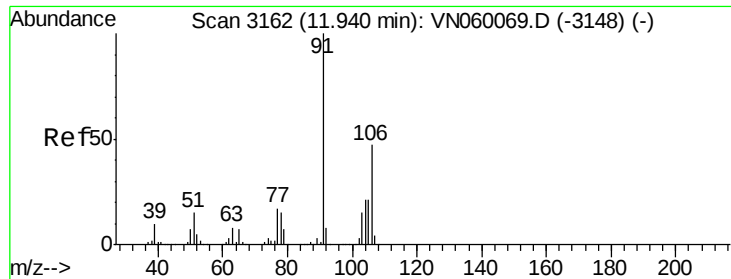
Tot Ion: 91 Resp: 198752
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 37.314 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 106 Resp: 147850
Ion Ratio Lower Upper
106 100
91 201.9 162.7 244.1

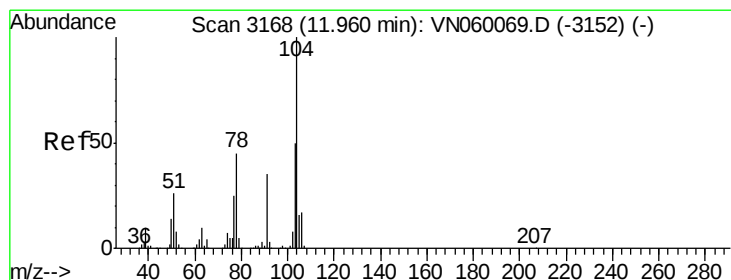
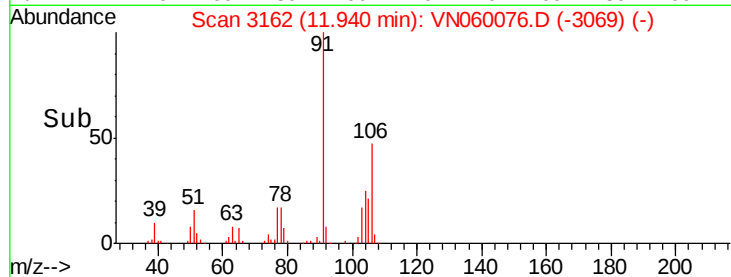
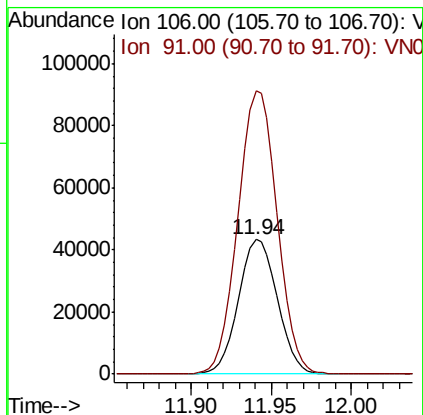
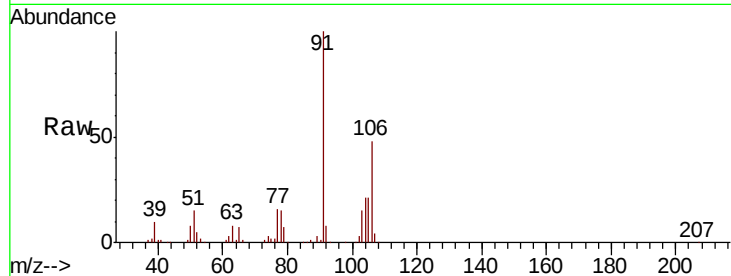




#69
o-Xylene
Concen: 18.843 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

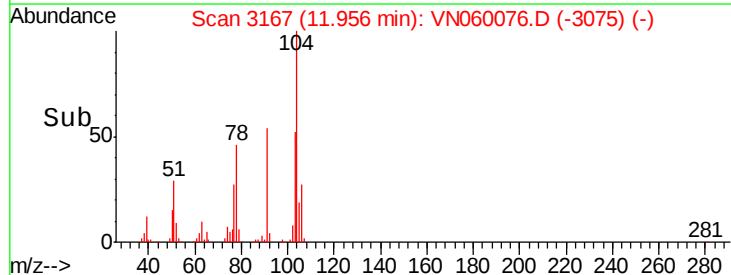
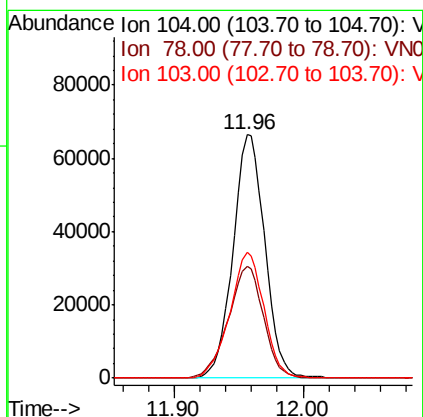
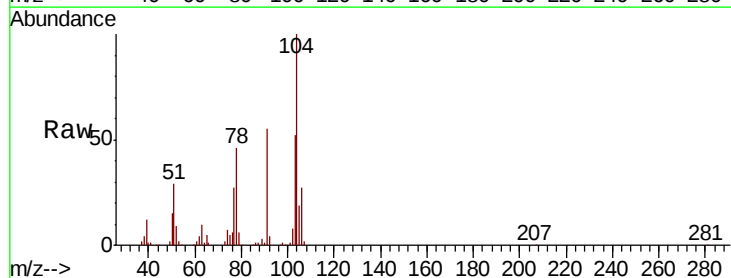
Instrument :
MSVOA_N
ClientSampled :

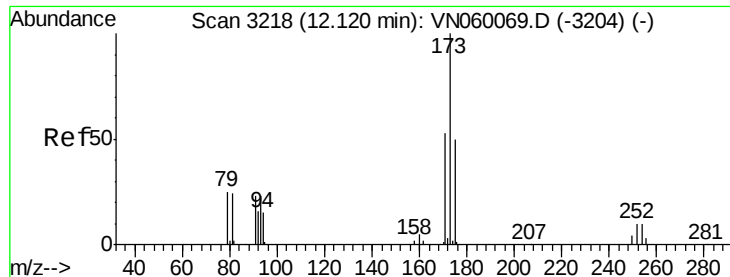
Tot Ion:106 Resp: 71886
Ion Ratio Lower Upper
106 100
91 211.8 107.2 321.6



#70
Styrene
Concen: 18.564 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:104 Resp: 114210
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 55.4 44.3 66.5

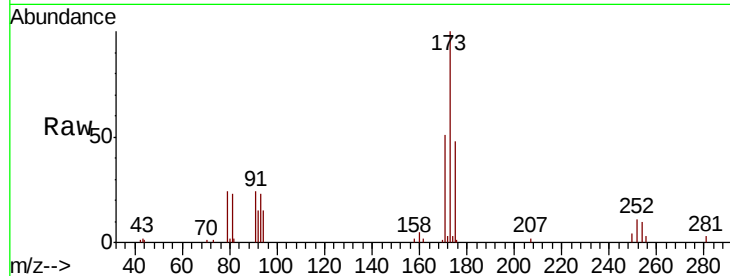




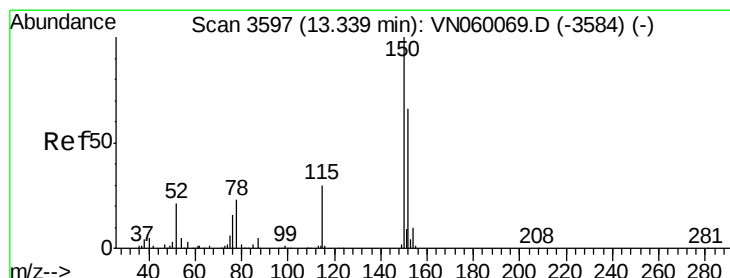
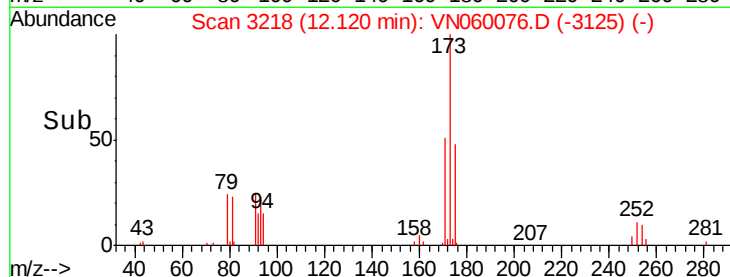
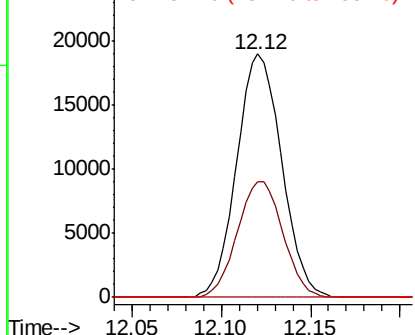
#71
Bromoform
Concen: 18.701 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 33308
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.0 0.0 0.0

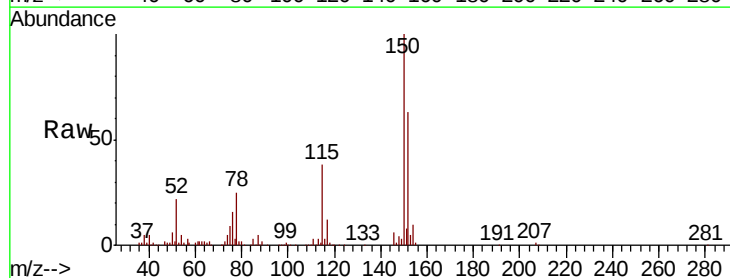


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

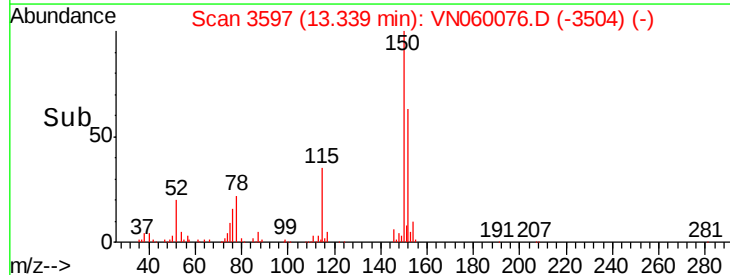
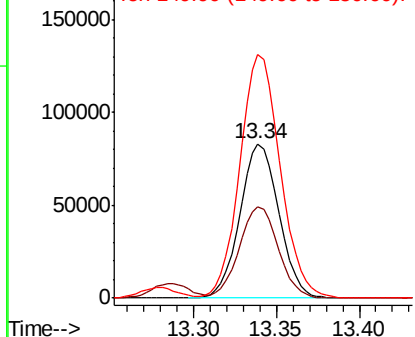


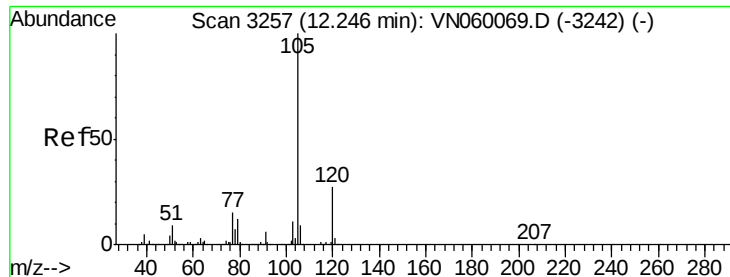
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:152 Resp: 135534
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 164.2 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: 19.001 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

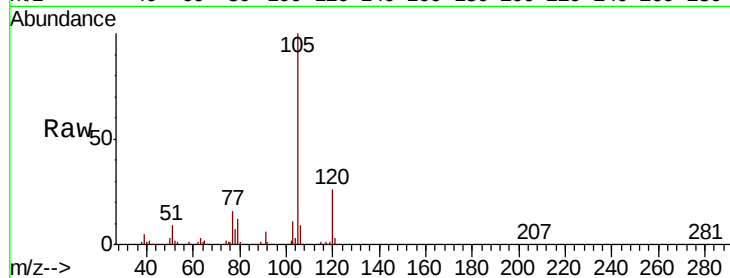
ClientSampleId :

Tot Ion:105 Resp: 192304

Ion Ratio Lower Upper

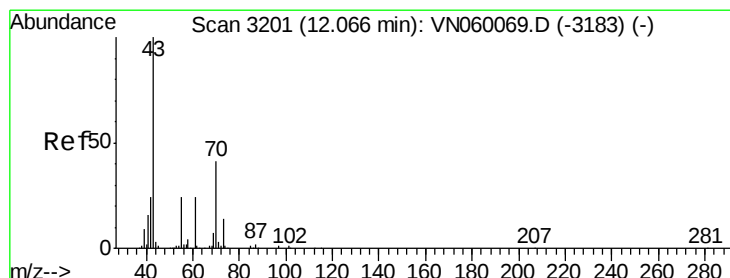
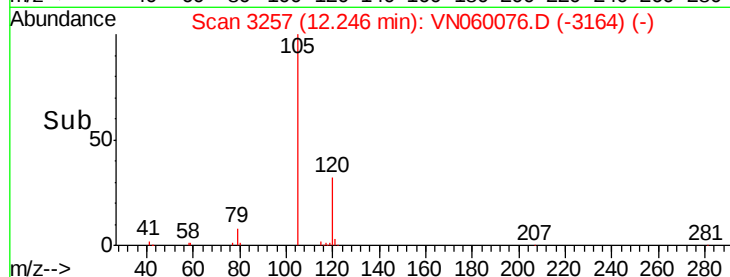
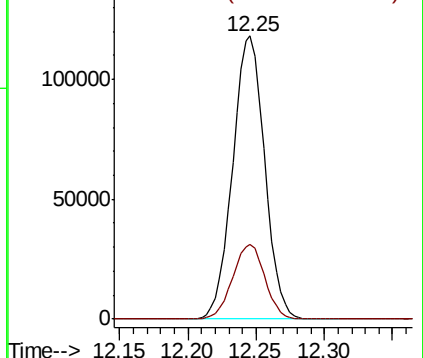
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.317 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Tgt Ion: 43 Resp: 70500

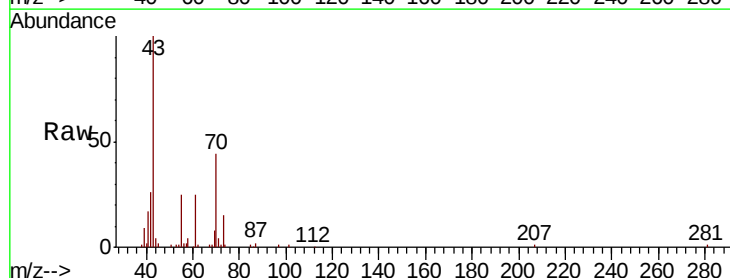
Ion Ratio Lower Upper

43 100

70 42.7 33.4 50.0

55 24.5 18.8 28.2

61 24.7 19.2 28.8

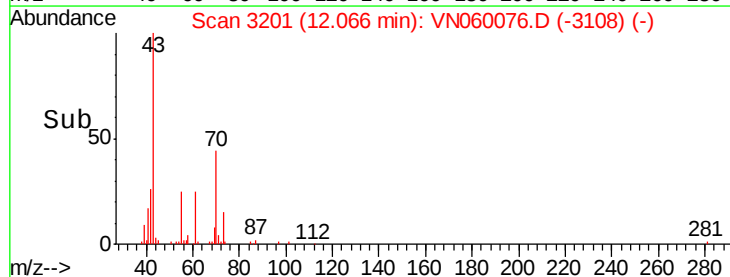
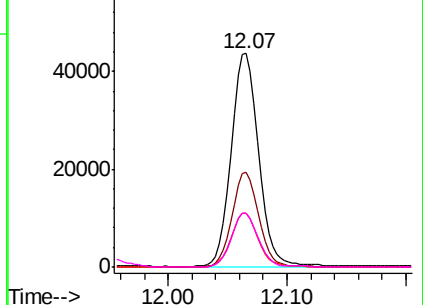


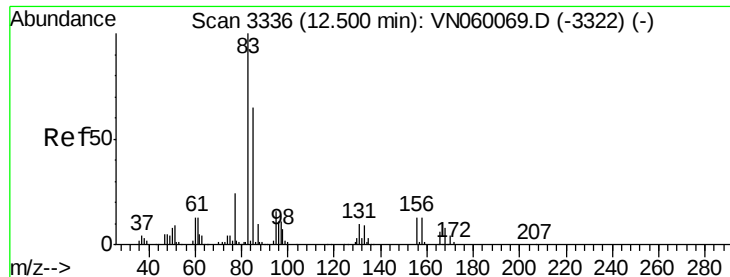
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.941 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

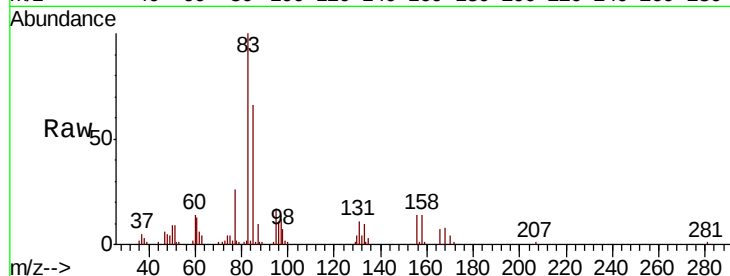
Tot Ion: 83 Resp: 58090

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

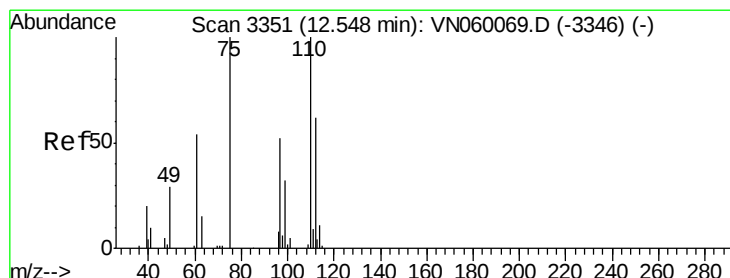
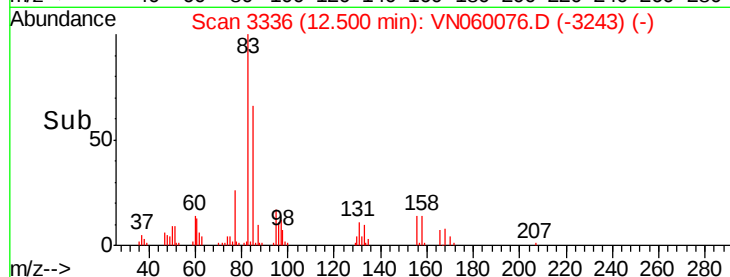
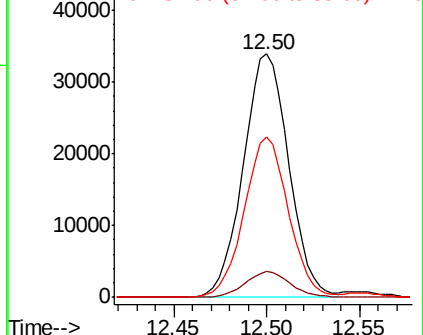
85 63.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.257 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060076.D

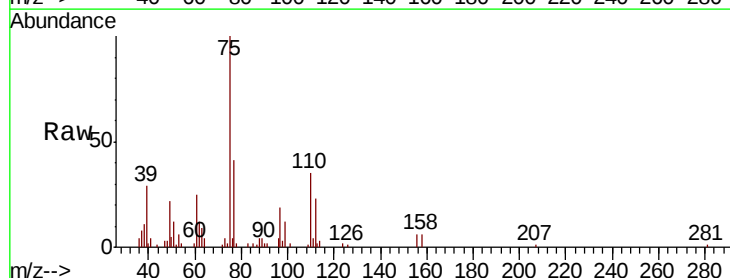
Acq: 12 Feb 2020 16:22

Tgt Ion: 75 Resp: 75864

Ion Ratio Lower Upper

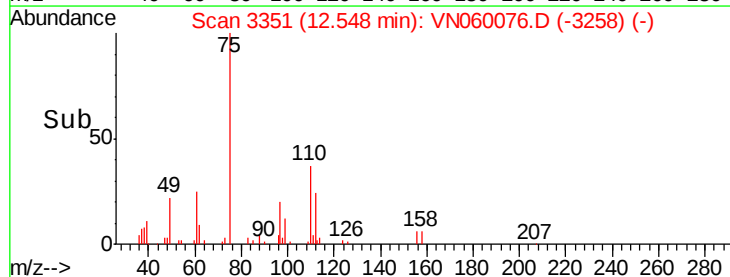
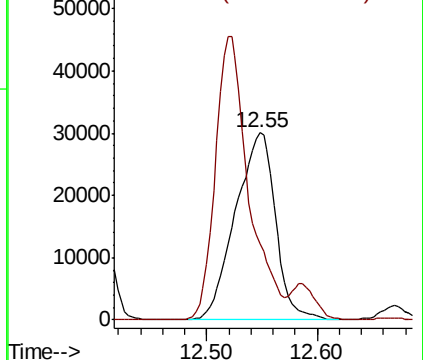
75 100

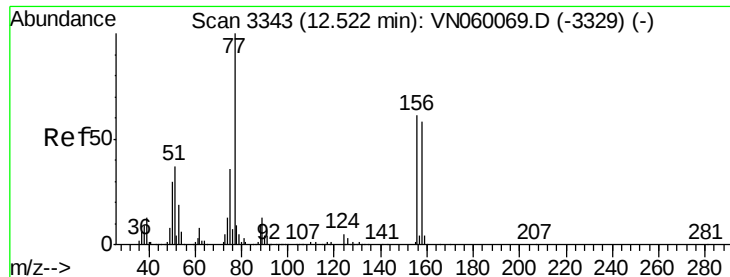
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)





#77

Bromobenzene

Concen: 19.497 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

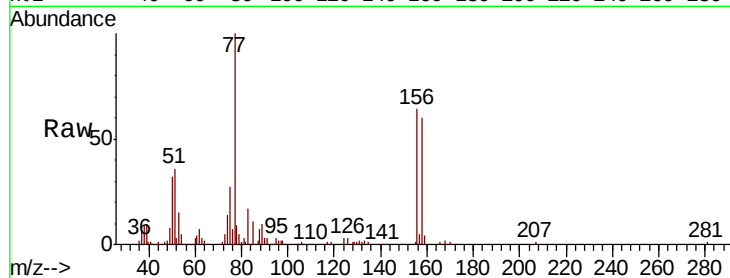
Tot Ion:156 Resp: 48972

Ion Ratio Lower Upper

156 100

77 194.7 98.7 296.1

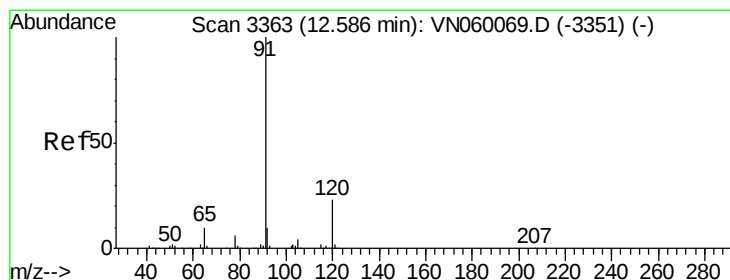
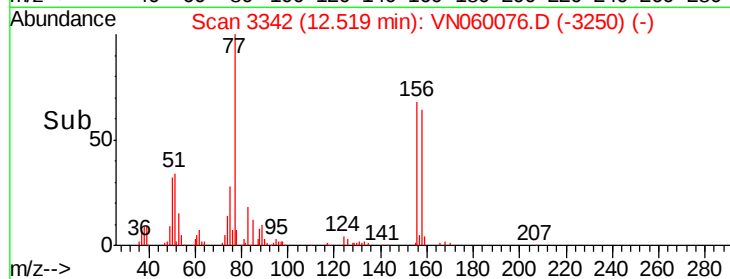
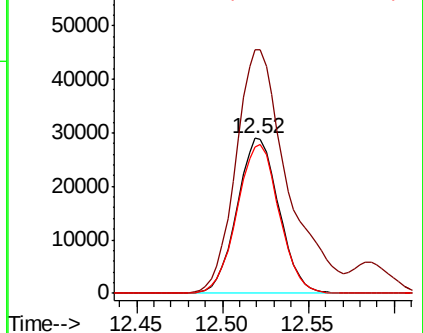
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.820 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060076.D

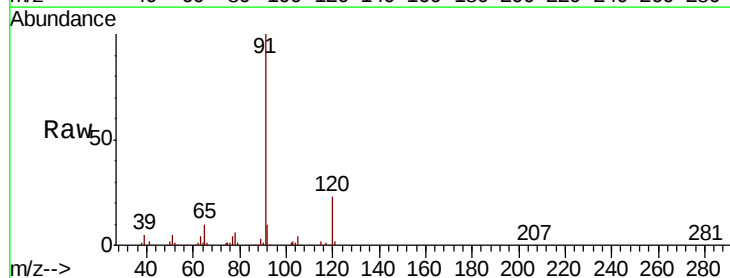
Acq: 12 Feb 2020 16:22

Tgt Ion: 91 Resp: 217021

Ion Ratio Lower Upper

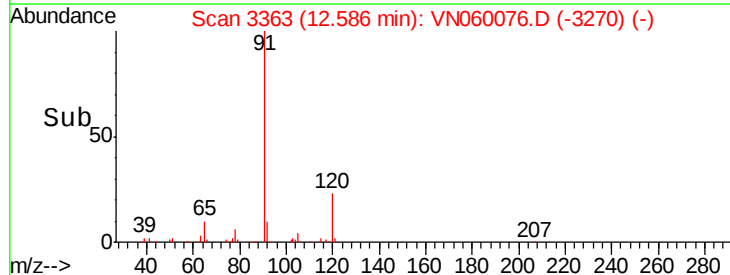
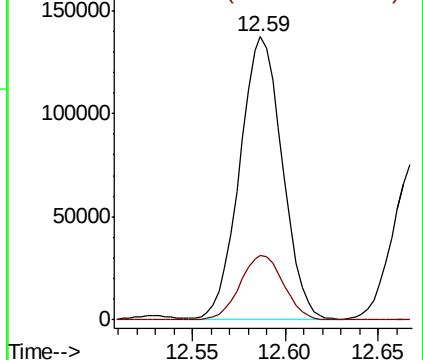
91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

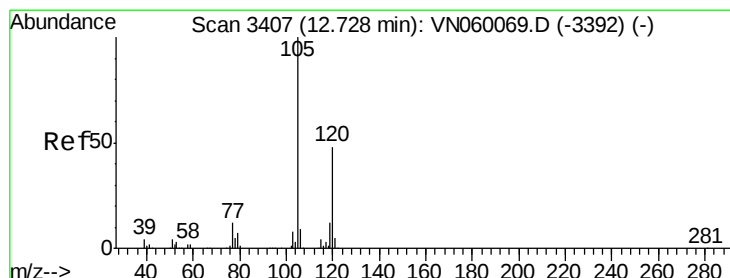
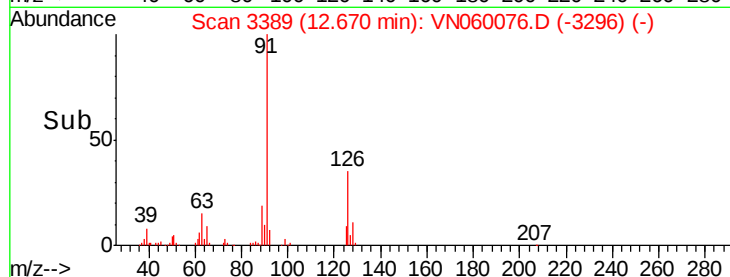
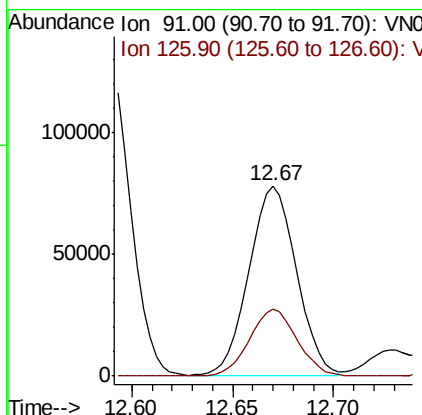
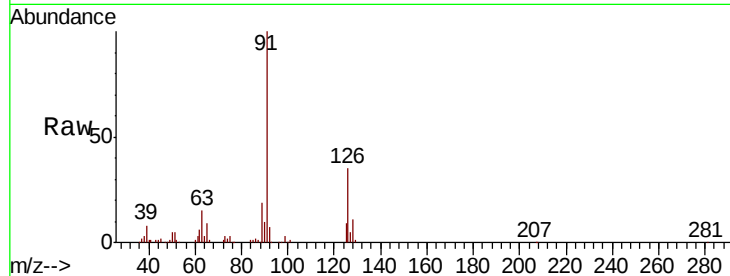




#79
 2-Chlorotoluene
 Concen: 18.937 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

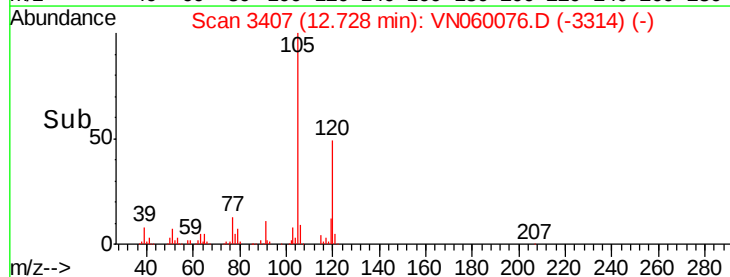
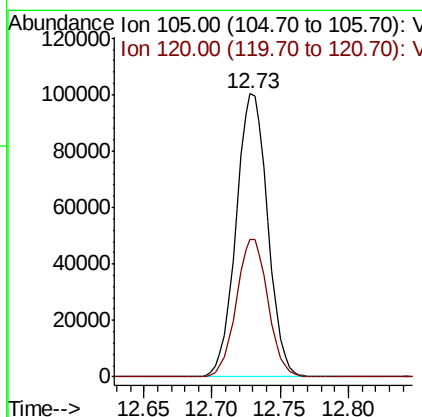
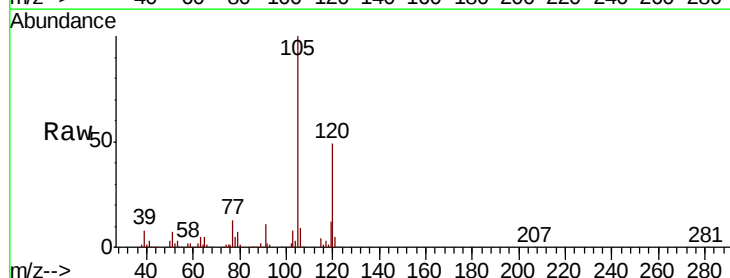
Instrument :
 MSVOA_N
 ClientSampled :

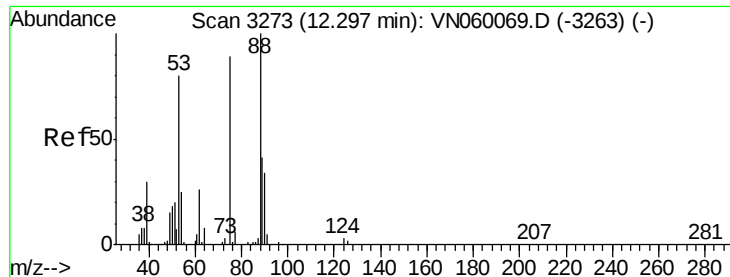
Tot Ion: 91 Resp: 128348
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.172 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion: 105 Resp: 161331
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9

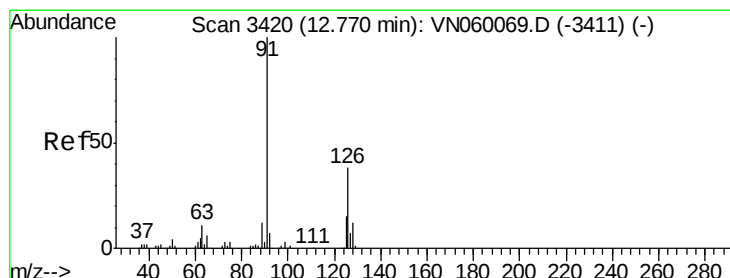
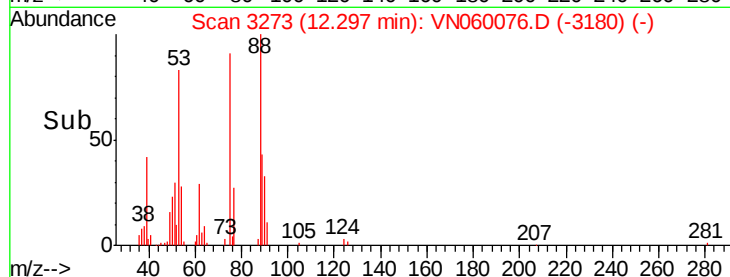
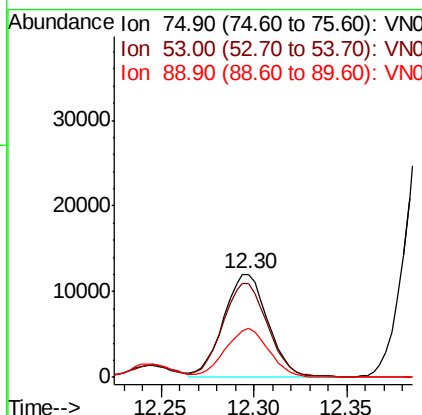
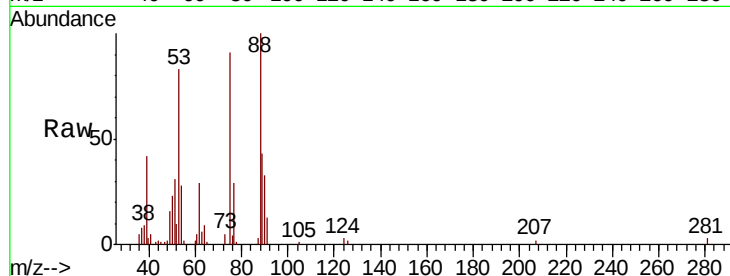




#81
trans-1,4-Dichloro-2-butene
Concen: 18.936 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

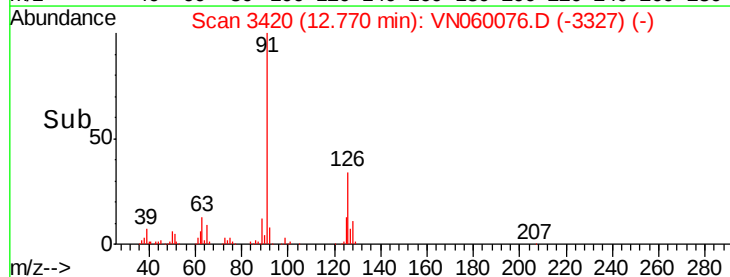
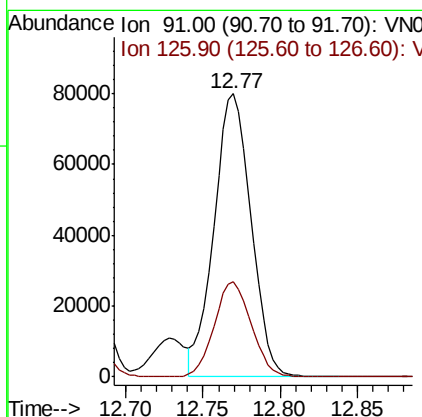
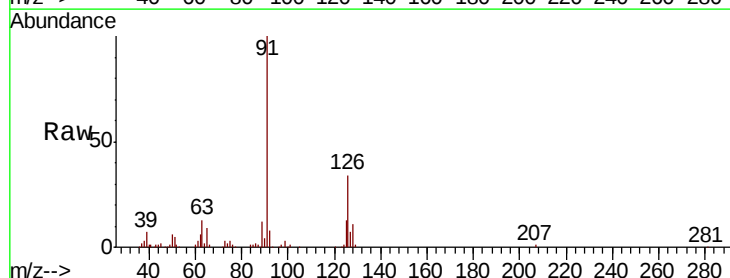
Instrument :
MSVOA_N
ClientSampled :

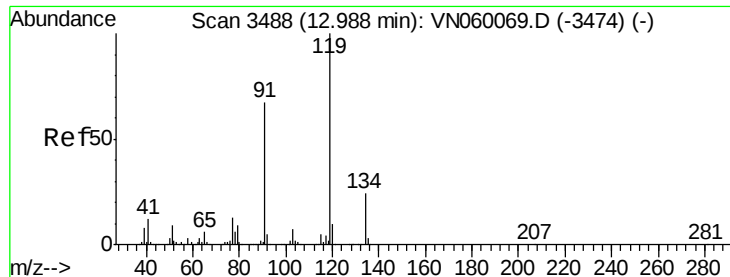
Tot Ion: 75 Resp: 20054
Ion Ratio Lower Upper
75 100
53 92.8 73.9 110.9
89 46.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.161 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion: 91 Resp: 133241
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.3





#83

tert-Butylbenzene

Concen: 18.850 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

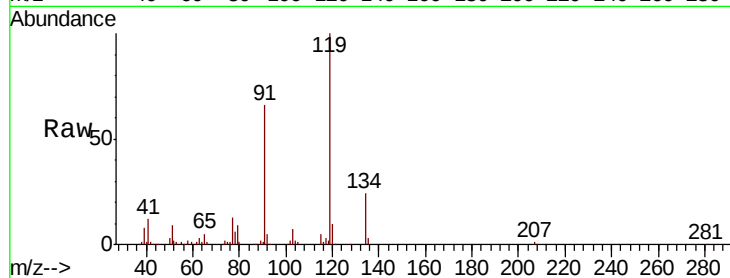
Tot Ion:119 Resp: 140319

Ion Ratio Lower Upper

119 100

91 64.4 32.7 98.1

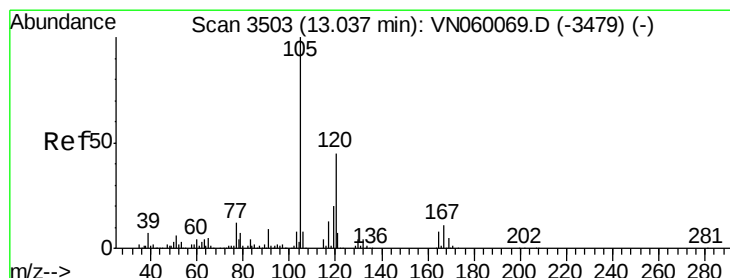
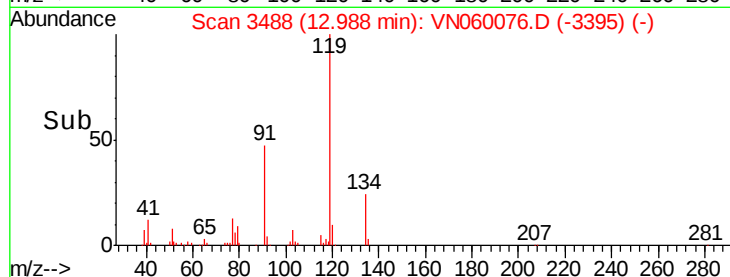
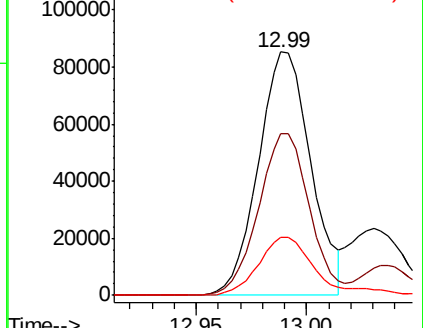
134 26.2 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.489 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060076.D

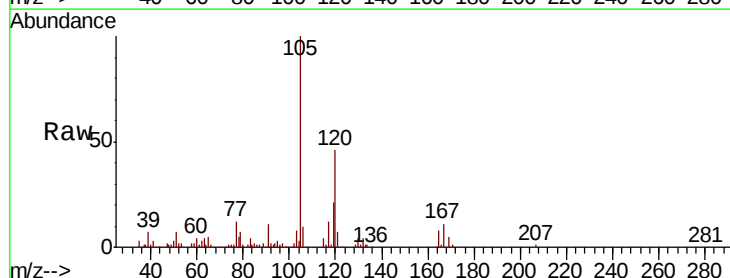
Acq: 12 Feb 2020 16:22

Tgt Ion:105 Resp: 161888

Ion Ratio Lower Upper

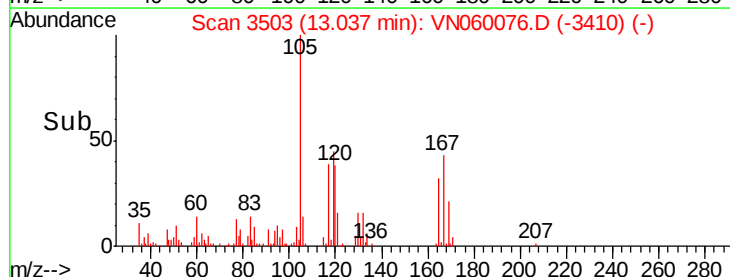
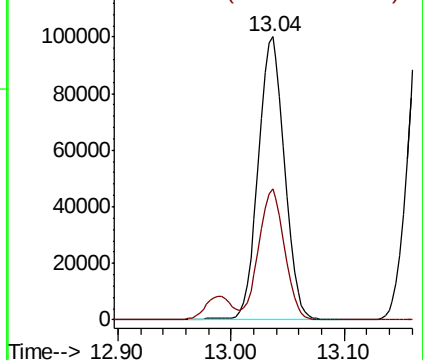
105 100

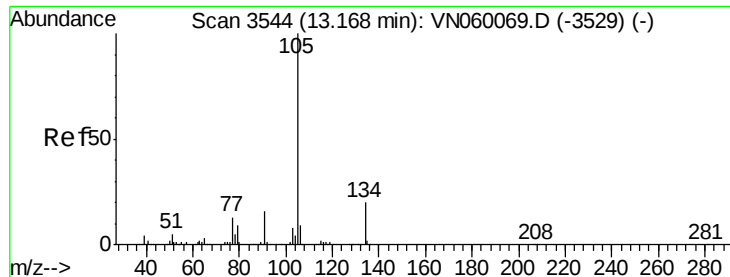
120 45.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

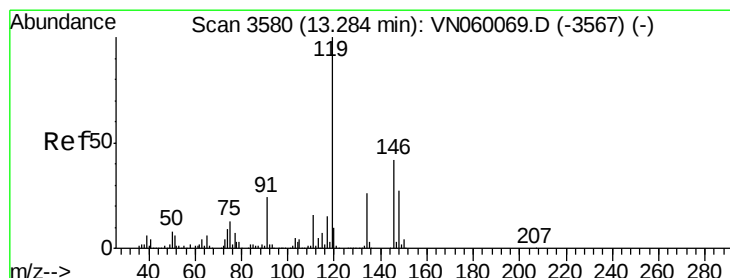
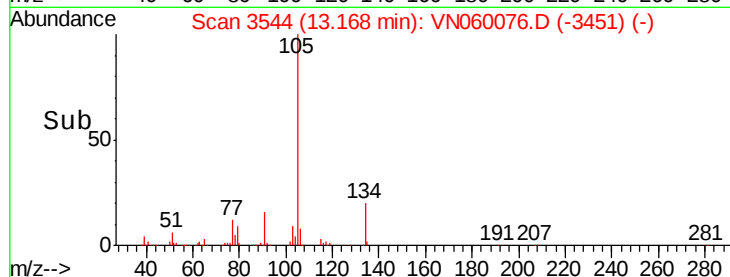
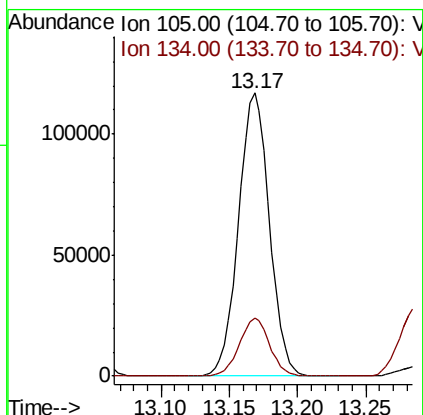
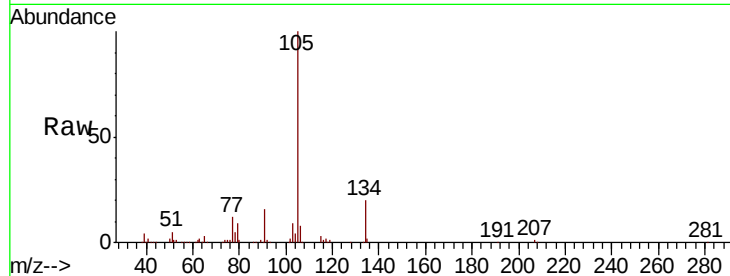




#85
 sec-Butylbenzene
 Concen: 18.630 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

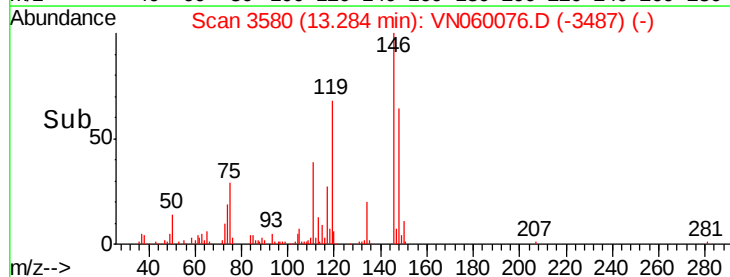
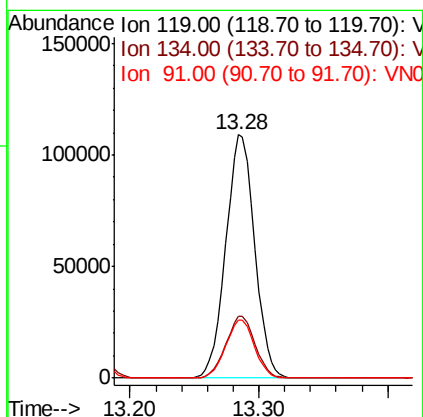
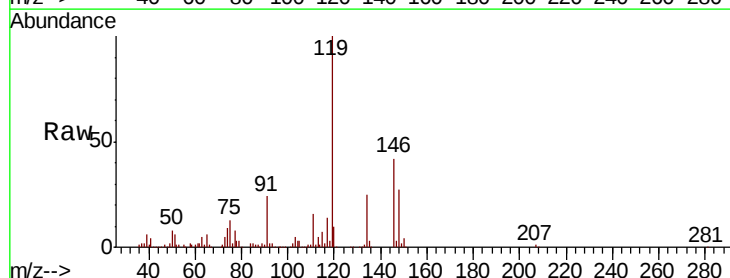
Instrument :
 MSVOA_N
 ClientSampleId :

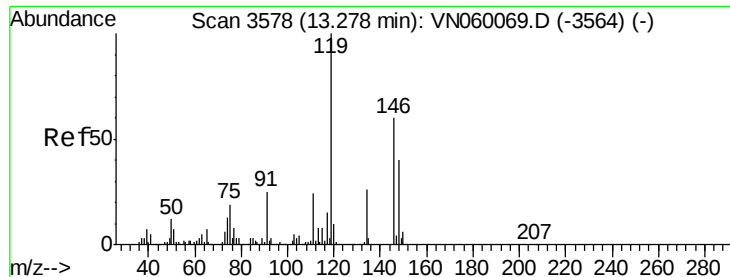
Tot Ion:105 Resp: 183669
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.947 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion:119 Resp: 169244
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 19.289 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

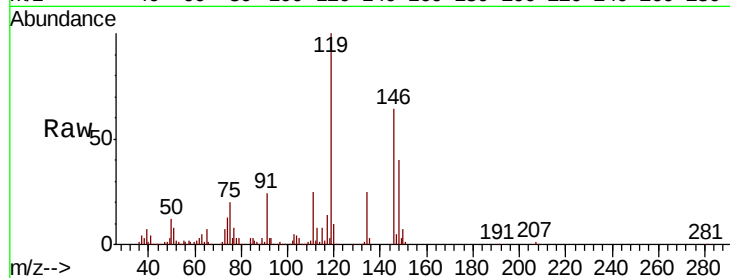
Tot Ion:146 Resp: 85760

Ion Ratio Lower Upper

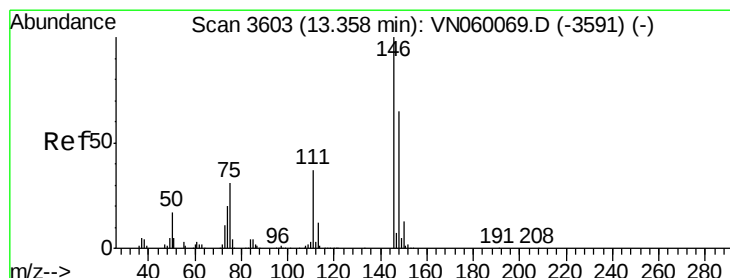
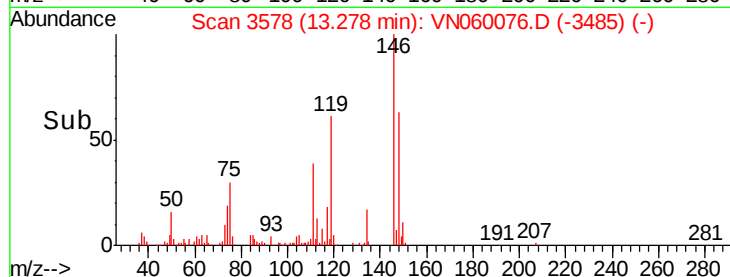
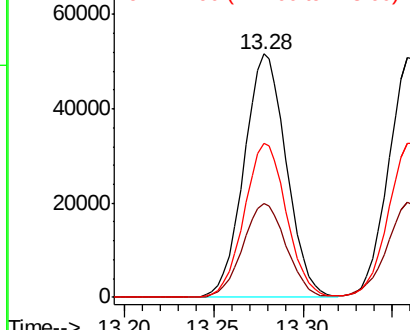
146 100

111 39.4 19.8 59.3

148 63.1 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: 19.059 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

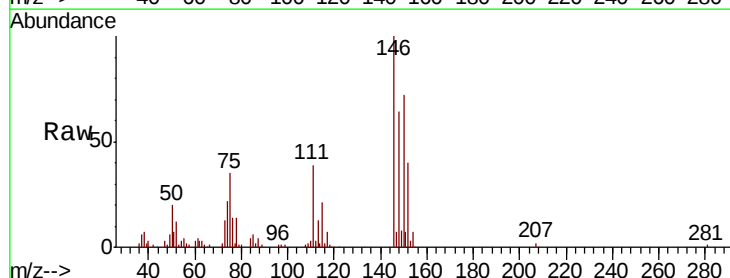
Tgt Ion:146 Resp: 84719

Ion Ratio Lower Upper

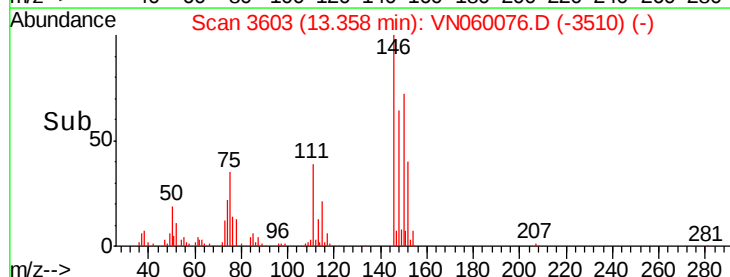
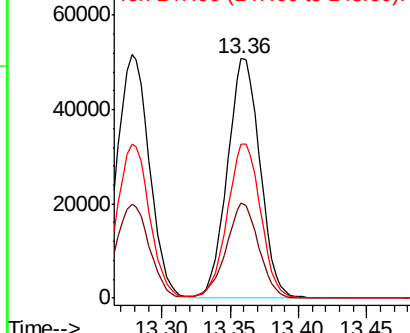
146 100

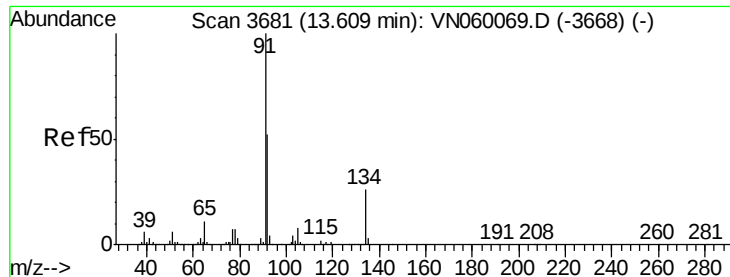
111 39.6 18.9 56.5

148 65.2 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: 18.564 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060076.D

Acq: 12 Feb 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

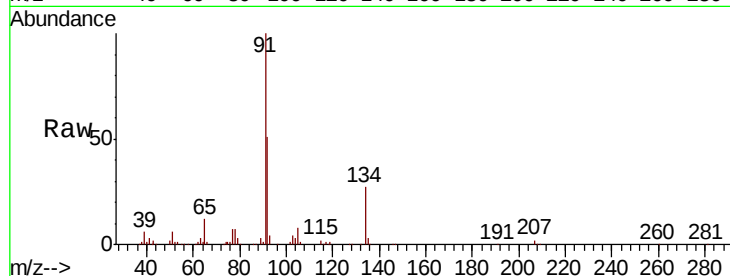
Tot Ion: 91 Resp: 145851

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

134 26.1 13.1 39.3

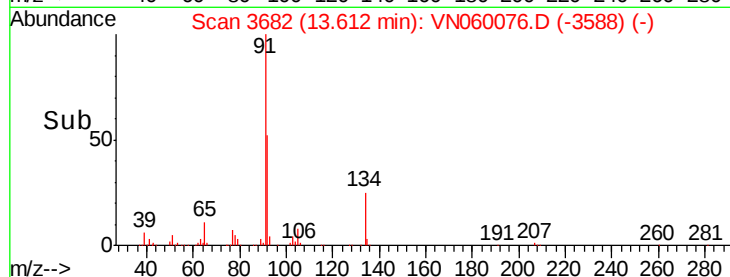


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

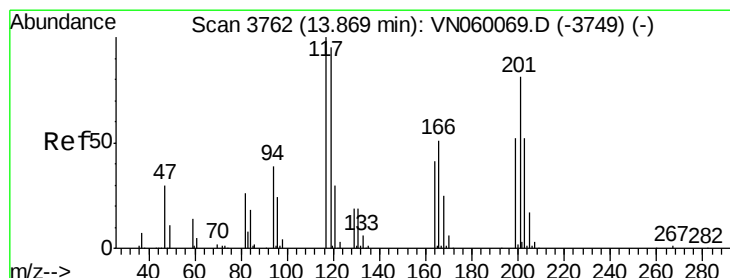
Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

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

Time-->



Time-->



#90

Hexachloroethane

Concen: 18.645 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060076.D

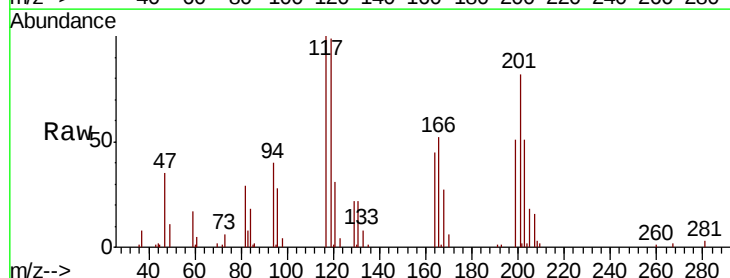
Acq: 12 Feb 2020 16:22

Tgt Ion: 117 Resp: 31114

Ion Ratio Lower Upper

117 100

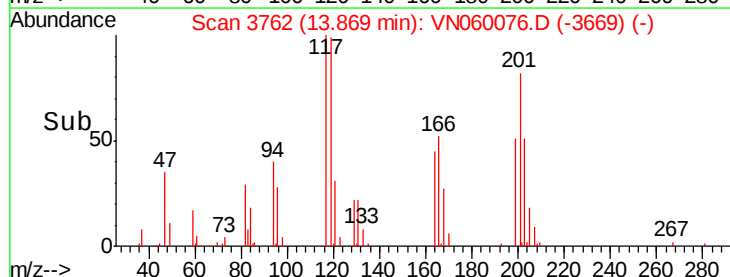
201 82.7 41.7 125.1



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

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

Time-->



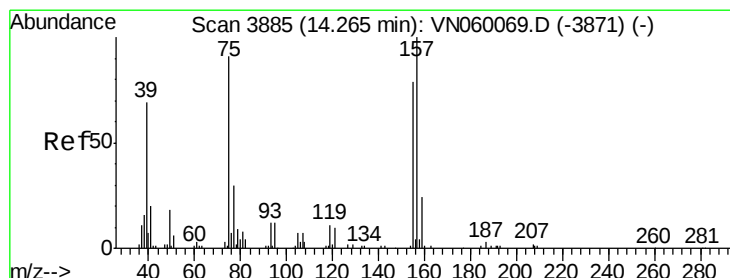
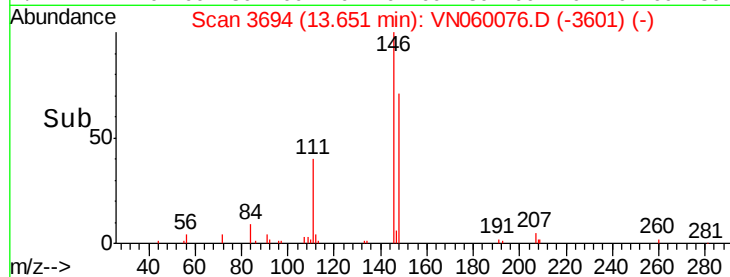
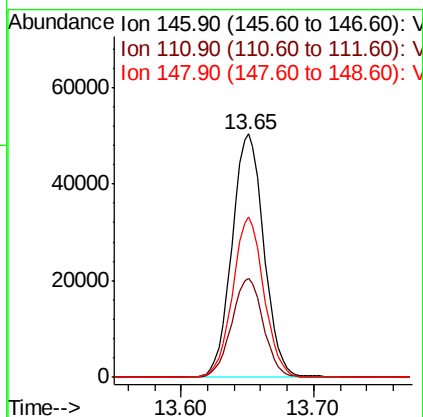
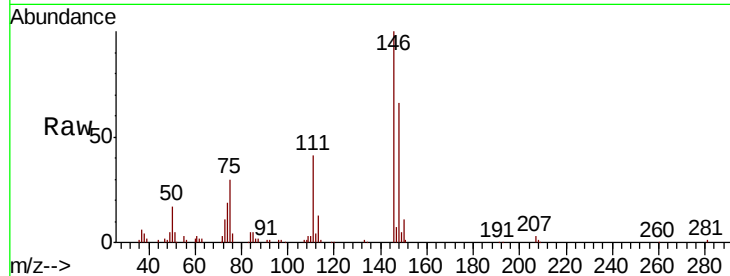
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.312 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

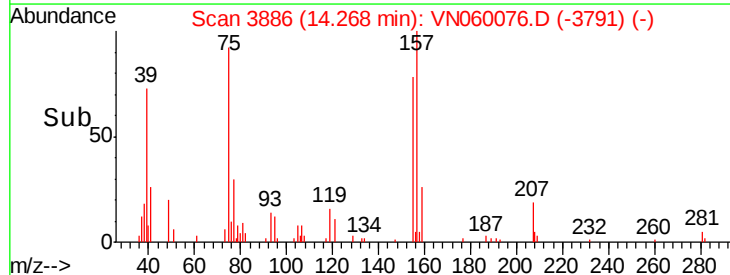
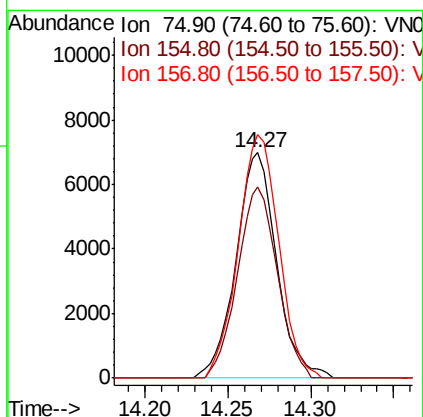
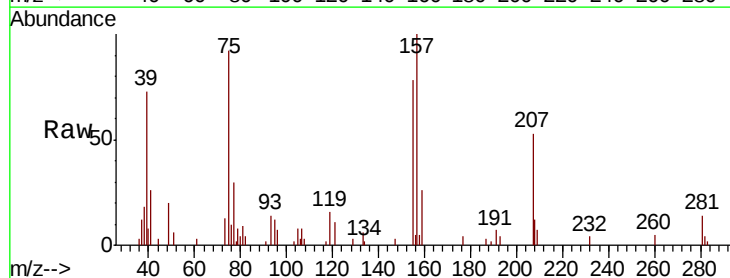
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.688 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	43.0	129.0
157	107.8	54.9	164.5

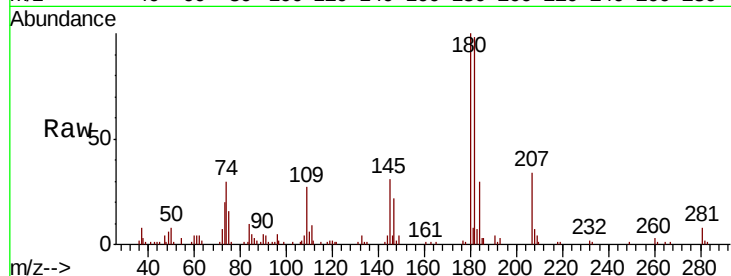




#93
 1,2,4-Trichlorobenzene
 Concen: 19.664 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	30.6	15.2	45.5

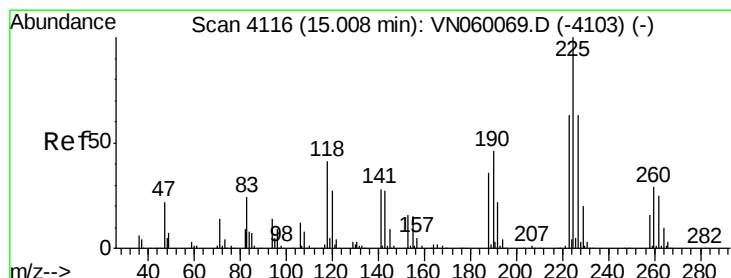
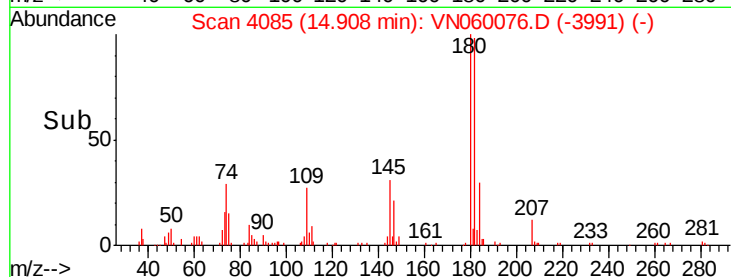
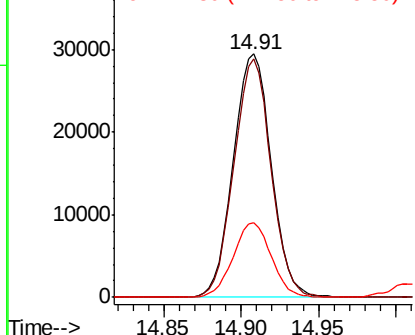


Abundance

Ion 179.80 (179.50 to 180.50): V

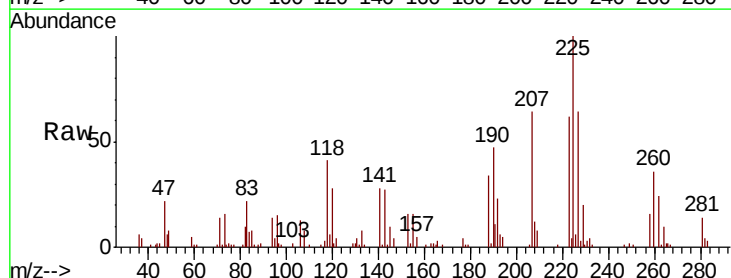
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.592 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060076.D
 Acq: 12 Feb 2020 16:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.5	94.5
227	63.4	31.8	95.4

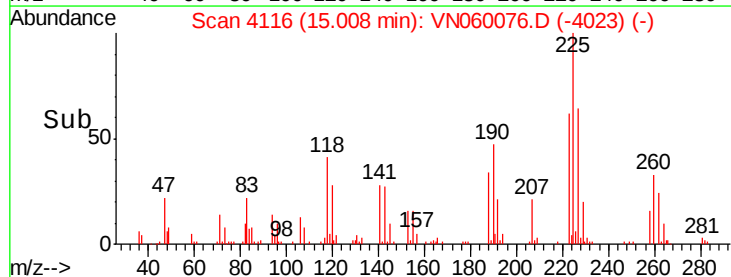
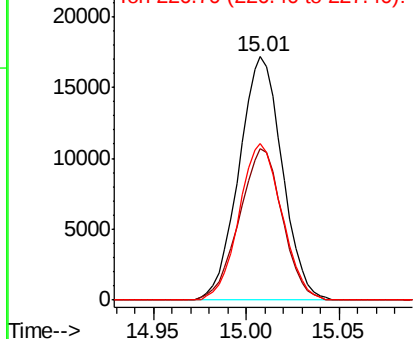


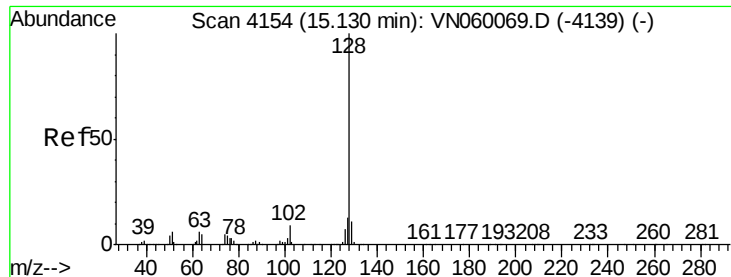
Abundance

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

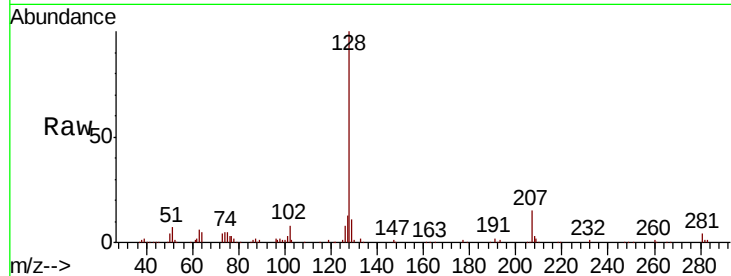




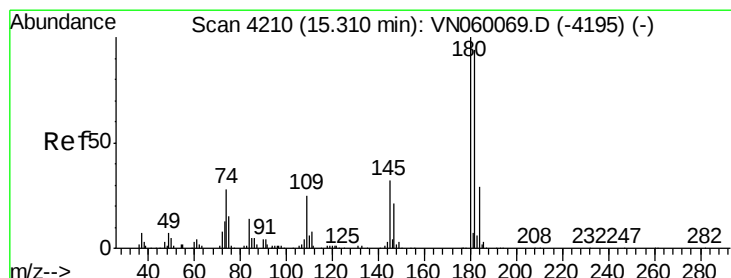
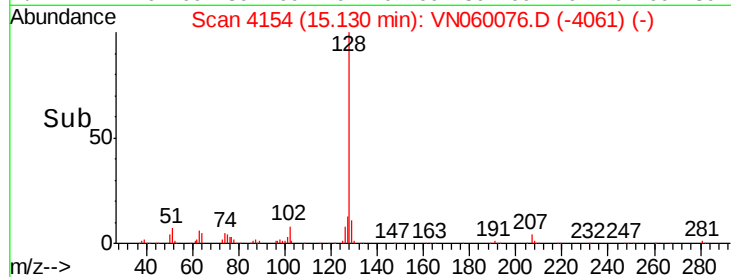
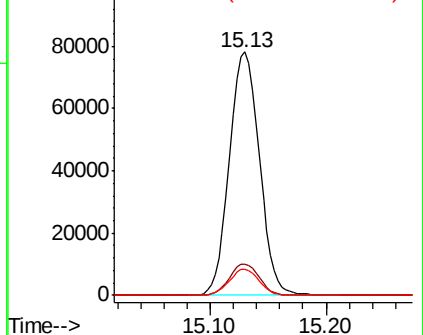
#95
Naphthalene
Concen: 20.295 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 140156
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 13.0

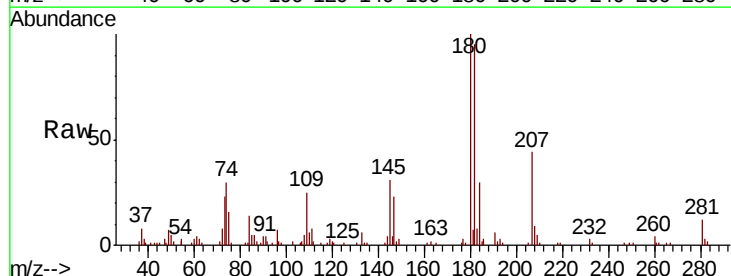


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.572 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060076.D
Acq: 12 Feb 2020 16:22

Tgt Ion:180 Resp: 49830
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 31.9 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

