

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060275.D
 Acq On : 28 Feb 2020 11:40
 Operator : JC/MD
 Sample : VN0228WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 29 00:34:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	338349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	310285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	133383	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	7.56	113	88237	56.18	ug/l	0.00
Spiked Amount			Recovery	=	112.36%	
50) Toluene-d8	10.08	98	383769	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	144581	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34150	17.857	ug/l	99
3) Chloromethane	2.04	50	58315	17.514	ug/l	97
4) Vinyl Chloride	2.16	62	49320	17.272	ug/l	100
5) Bromomethane	2.55	94	19930	15.690	ug/l	99
6) Chloroethane	2.68	64	26762	17.298	ug/l	96
7) Trichlorofluoromethane	3.00	101	65390	17.923	ug/l	99
8) Diethyl Ether	3.38	74	25555	18.552	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	38489	18.641	ug/l	98
10) Methyl Iodide	3.93	142	34800	18.467	ug/l	99
11) Tert butyl alcohol	4.73	59	37890	95.348	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	36400	18.115	ug/l	99
13) Acrolein	3.57	56	35883	96.792	ug/l	98
14) Allyl chloride	4.29	41	68314	18.489	ug/l	98
15) Acrylonitrile	4.94	53	99231	94.737	ug/l	99
16) Acetone	3.78	43	79683	92.201	ug/l	99
17) Carbon Disulfide	4.03	76	99998	18.358	ug/l	99
18) Methyl Acetate	4.28	43	50836	17.626	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	138914	19.093	ug/l	100
20) Methylene Chloride	4.52	84	42149	17.758	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	40967	18.761	ug/l	98
22) Diisopropyl ether	5.91	45	142004	18.973	ug/l	95
23) Vinyl Acetate	5.86	43	566630	95.275	ug/l	99
24) 1,1-Dichloroethane	5.81	63	78847	18.611	ug/l	99
25) 2-Butanone	6.80	43	127157	91.090	ug/l	99
26) 2,2-Dichloropropane	6.79	77	70072	18.168	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	48090	17.474	ug/l	98
28) Bromochloromethane	7.17	49	32378	18.614	ug/l	99
29) Tetrahydrofuran	7.18	42	88313	90.978	ug/l	99
30) Chloroform	7.35	83	79144	18.766	ug/l	97
31) Cyclohexane	7.63	56	70577	18.682	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	69023	18.472	ug/l	99
36) 1,1-Dichloropropene	7.77	75	57654	17.879	ug/l	99
37) Ethyl Acetate	6.89	43	58079	19.022	ug/l	99
38) Carbon Tetrachloride	7.75	117	57274	18.243	ug/l	99

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

39) Methylcyclohexane	9.06	83	68495	18.015	ug/l	100
40) Benzene	8.02	78	172297	18.358	ug/l	99
41) Methacrylonitrile	7.17	41	82599	58.588	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	64417	19.020	ug/l	100
43) Isopropyl Acetate	8.14	43	100235	18.752	ug/l	99
44) Trichloroethene	8.82	130	47687	18.243	ug/l	95
45) 1,2-Dichloropropane	9.10	63	46295	18.866	ug/l	98
46) Dibromomethane	9.19	93	29470	18.509	ug/l	99
47) Bromodichloromethane	9.38	83	61326	18.937	ug/l	99
48) Methyl methacrylate	9.18	41	43281	17.756	ug/l	98
49) 1,4-Dioxane	9.18	88	13473	393.044	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	282021	93.054	ug/l	100
52) Toluene	10.14	92	107658	18.261	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	71981	18.140	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	77042	18.737	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	43826	18.485	ug/l	99
56) Ethyl methacrylate	10.42	69	63611	18.675	ug/l	99
57) 1,3-Dichloropropane	10.70	76	74522	19.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	167801	94.194	ug/l	99
59) 2-Hexanone	10.74	43	204231	91.780	ug/l	99
60) Dibromochloromethane	10.89	129	44918	18.630	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43941	19.012	ug/l	96
64) Tetrachloroethene	10.62	164	50119	19.657	ug/l	98
65) Chlorobenzene	11.42	112	113379	18.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43769	18.893	ug/l	99
67) Ethyl Benzene	11.50	91	207645	18.199	ug/l	99
68) m/p-Xylenes	11.61	106	154322	35.848	ug/l	98
69) o-Xylene	11.94	106	74924	18.252	ug/l	100
70) Styrene	11.96	104	120950	17.921	ug/l	100
71) Bromoform	12.12	173	30417	18.218	ug/l #	99
73) Isopropylbenzene	12.24	105	202366	18.202	ug/l	99
74) N-amyl acetate	12.06	43	86437	17.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55575	18.389	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	80651	24.506	ug/l #	100
77) Bromobenzene	12.52	156	49592	18.197	ug/l	99
78) n-propylbenzene	12.59	91	236356	18.136	ug/l	99
79) 2-Chlorotoluene	12.67	91	138274	18.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	170659	18.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21889	18.360	ug/l #	88
82) 4-Chlorotoluene	12.77	91	144913	17.954	ug/l	98
83) tert-Butylbenzene	12.99	119	144340	17.810	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	171657	18.168	ug/l	100
85) sec-Butylbenzene	13.17	105	196007	18.060	ug/l	100
86) p-Isopropyltoluene	13.28	119	177100	17.630	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	90174	19.139	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	88228	18.732	ug/l	99
89) n-Butylbenzene	13.61	91	162925	17.669	ug/l	100
90) Hexachloroethane	13.87	117	25335	17.424	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	84095	17.610	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11424	16.692	ug/l	98

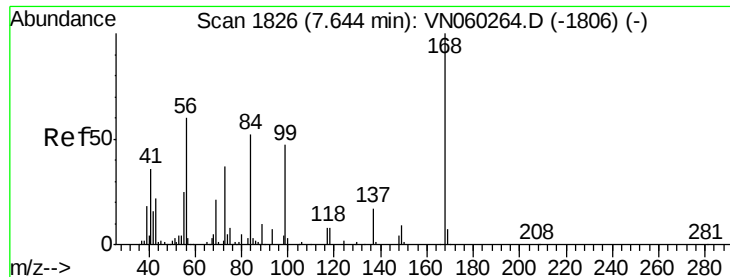
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	57164	18.894	ug/l	98
94) Hexachlorobutadiene	15.01	225	27248	19.182	ug/l	98
95) Naphthalene	15.13	128	167386	18.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	54454	18.942	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

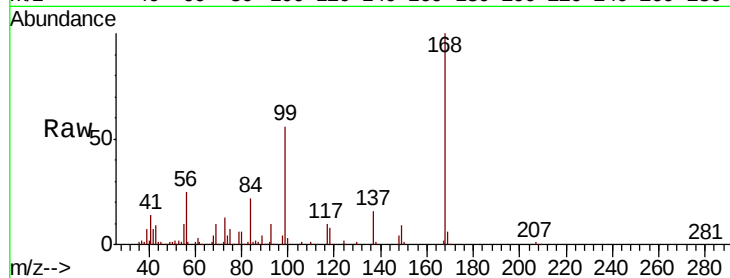
ClientSampleId :

Tot Ion:168 Resp: 208589

Ion Ratio Lower Upper

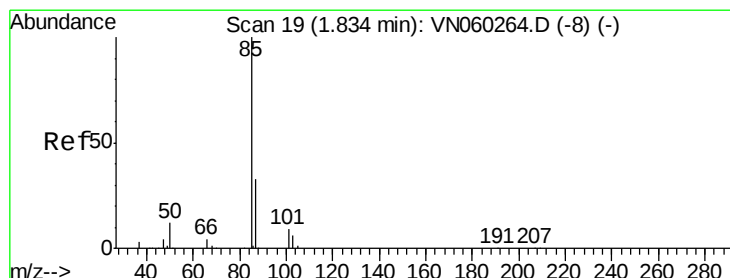
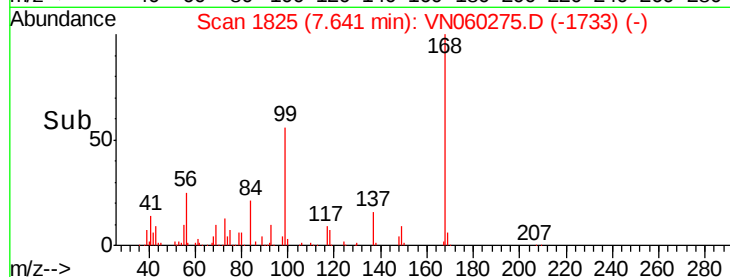
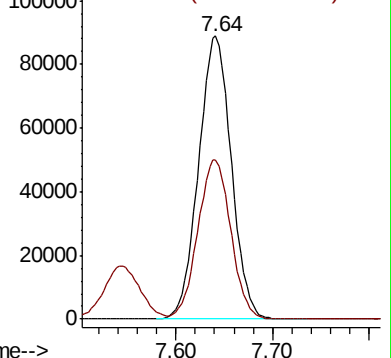
168 100

99 56.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.857 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060275.D

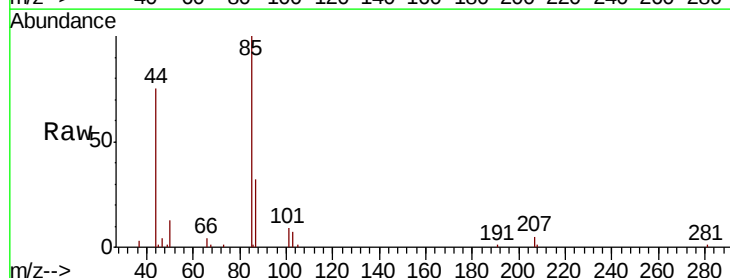
Acq: 28 Feb 2020 11:40

Tgt Ion: 85 Resp: 34150

Ion Ratio Lower Upper

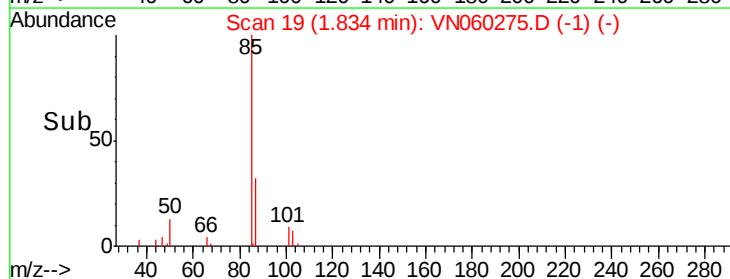
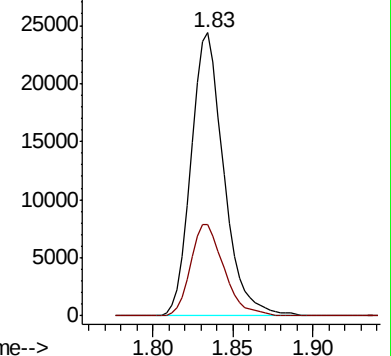
85 100

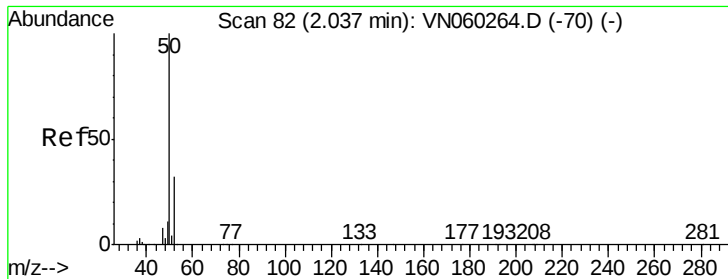
87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.514 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

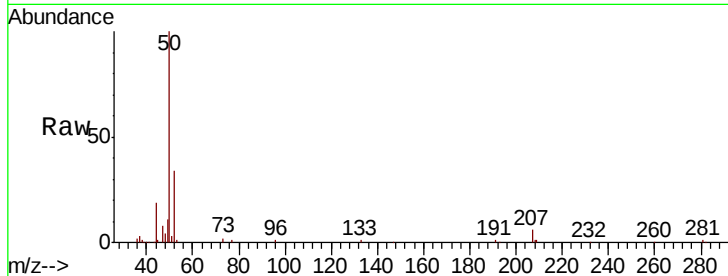
ClientSampled :

Tot Ion: 50 Resp: 58315

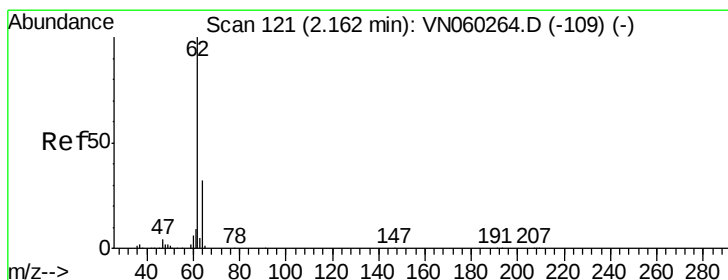
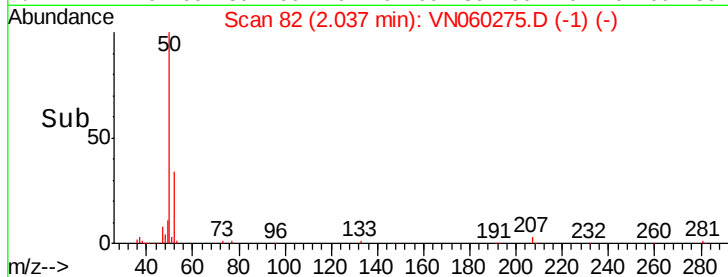
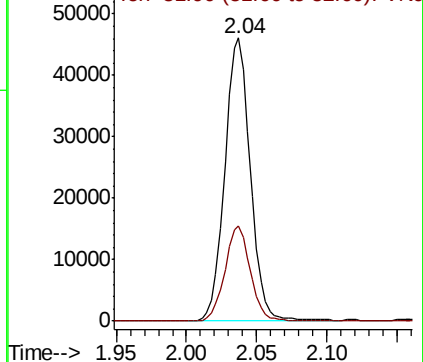
Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.272 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060275.D

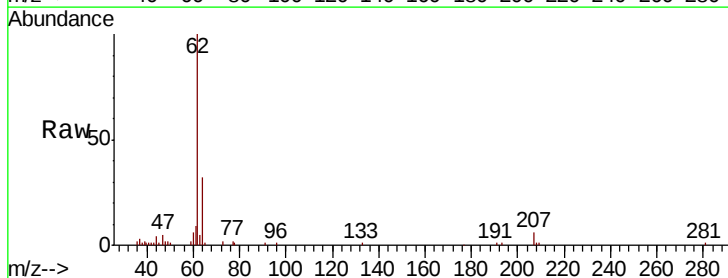
Acq: 28 Feb 2020 11:40

Tgt Ion: 62 Resp: 49320

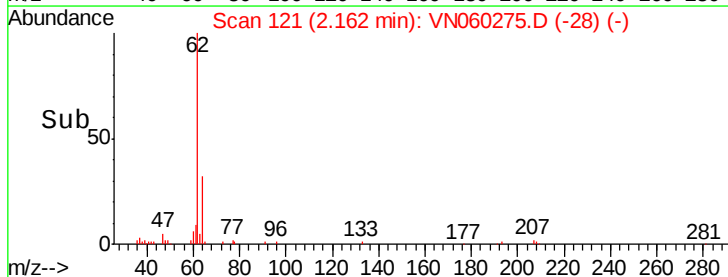
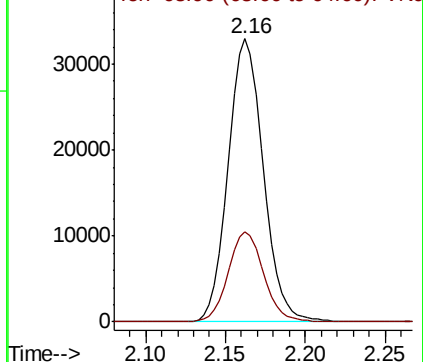
Ion Ratio Lower Upper

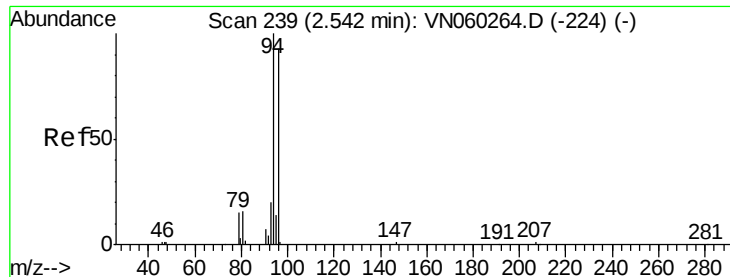
62 100

64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 15.690 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

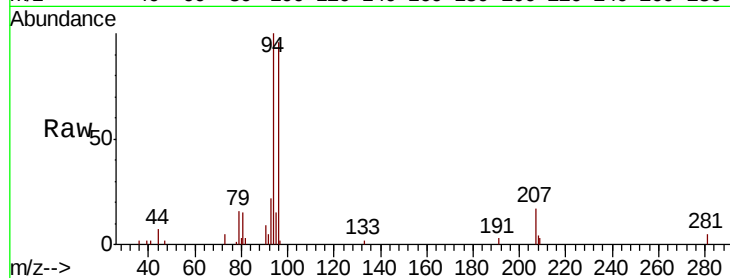
ClientSampled :

Tot Ion: 94 Resp: 19930

Ion Ratio Lower Upper

94 100

96 93.9 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

12000

10000

8000

6000

4000

2000

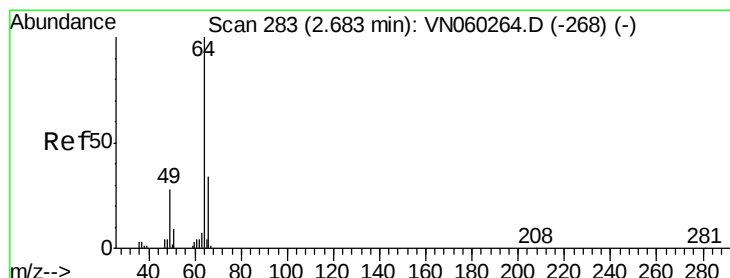
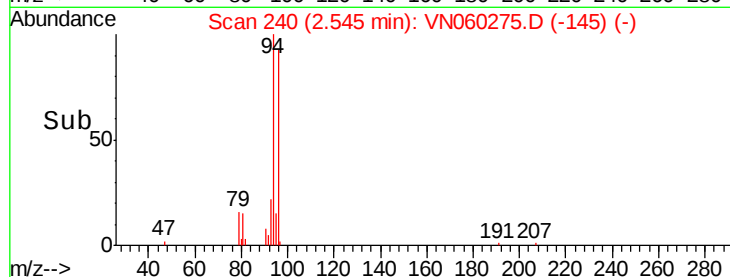
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 17.298 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060275.D

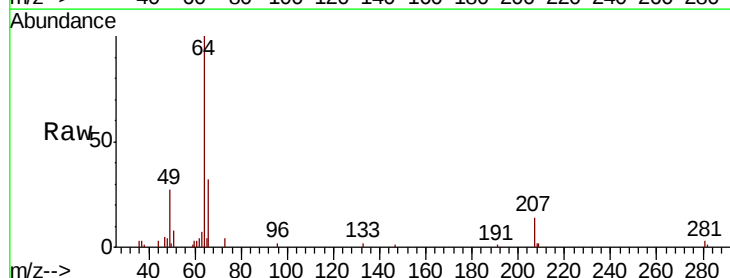
Acq: 28 Feb 2020 11:40

Tgt Ion: 64 Resp: 26762

Ion Ratio Lower Upper

64 100

66 32.3 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

15000

10000

5000

0

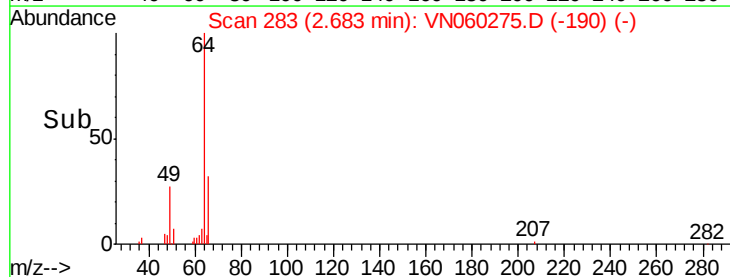
Time-->

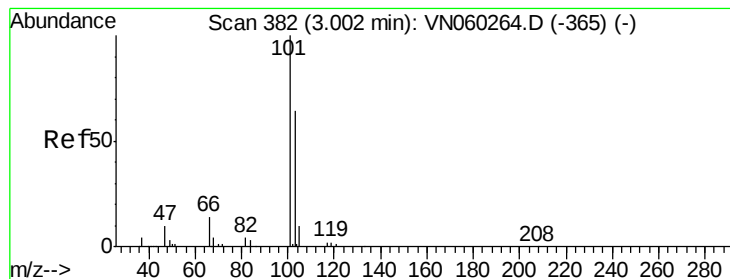
2.60

2.65

2.70

2.75



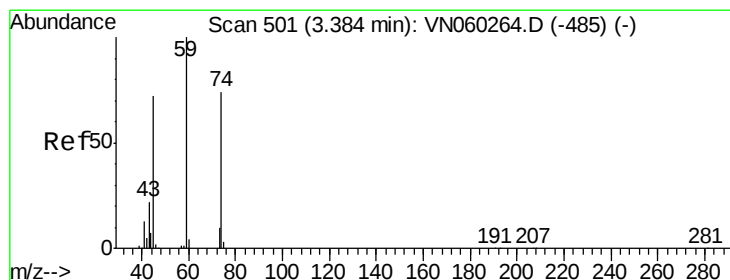
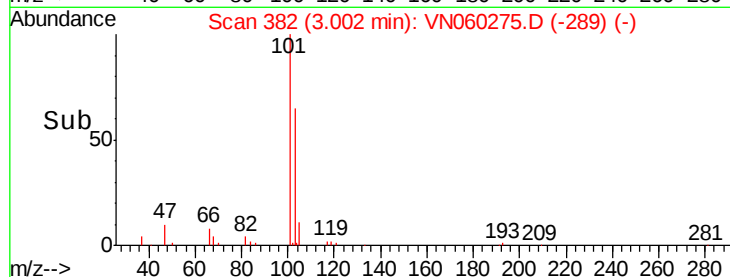
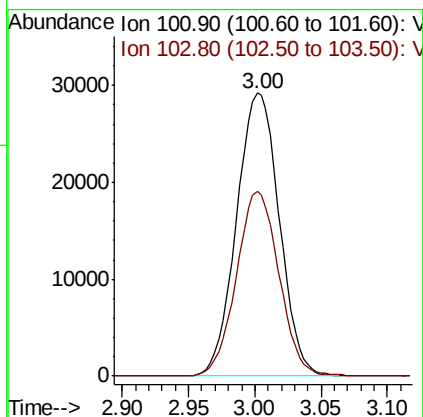
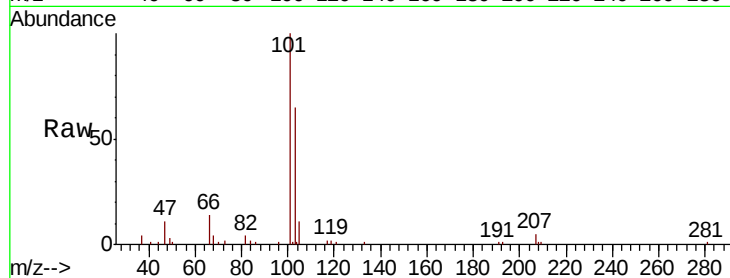


#7

Trichlorofluoromethane
 Concen: 17.923 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

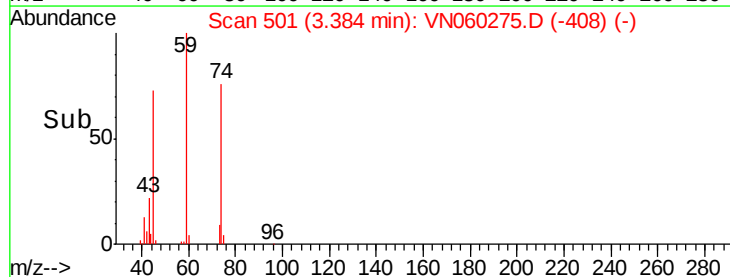
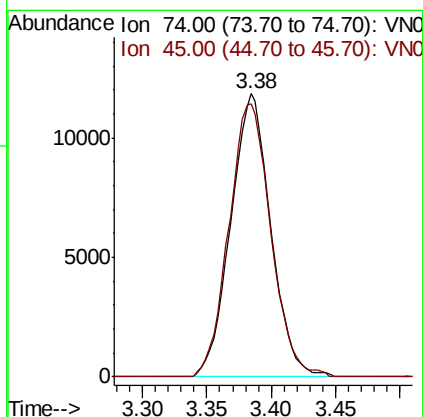
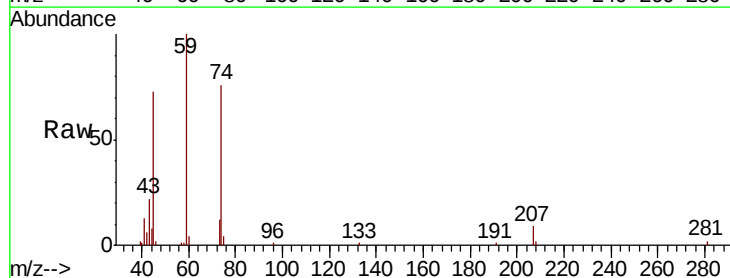
Tot Ion:101 Resp: 65390
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.3 76.9

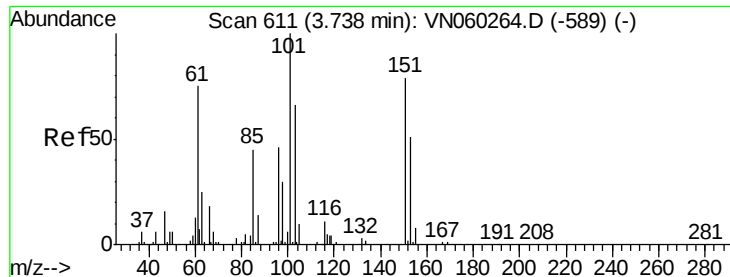


#8

Diethyl Ether
 Concen: 18.552 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion: 74 Resp: 25555
 Ion Ratio Lower Upper
 74 100
 45 100.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.641 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

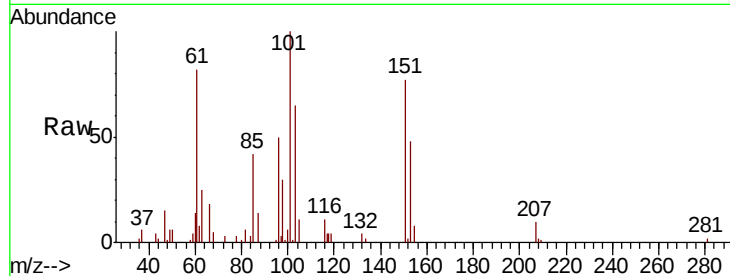
Tot Ion:101 Resp: 38489

Ion Ratio Lower Upper

101 100

85 42.6 35.4 53.2

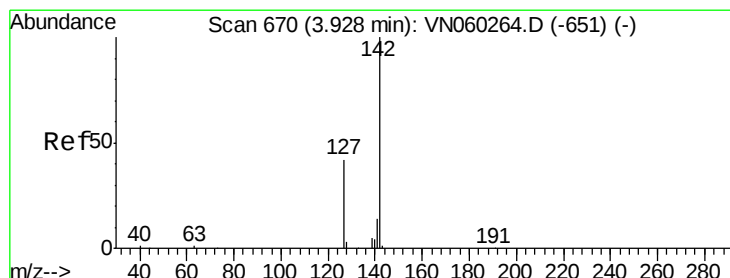
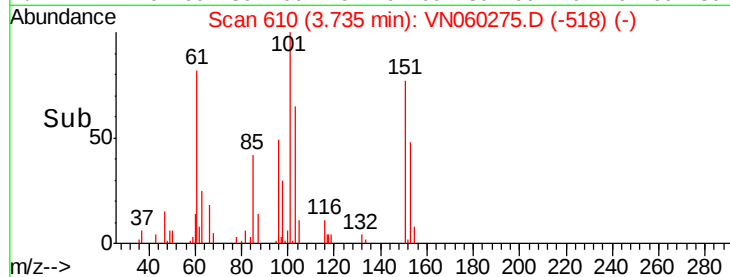
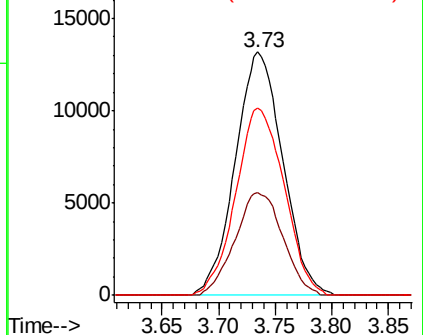
151 78.4 62.0 93.0



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: 18.467 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

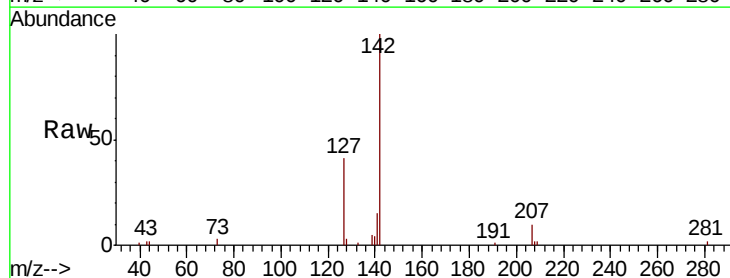
Tgt Ion:142 Resp: 34800

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

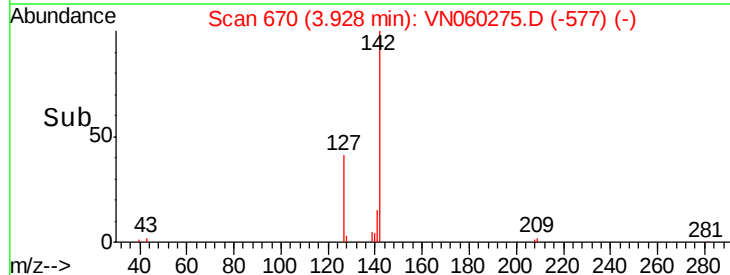
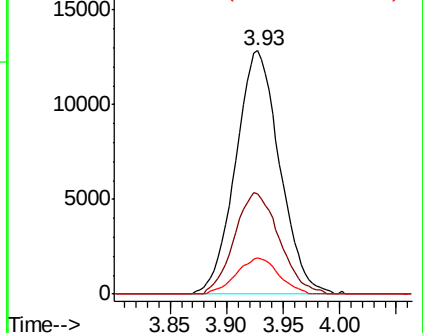
141 14.4 11.1 16.7

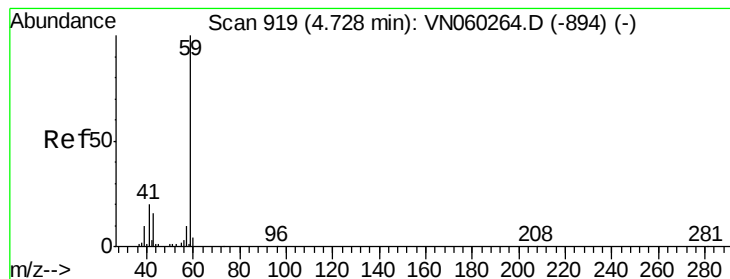


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



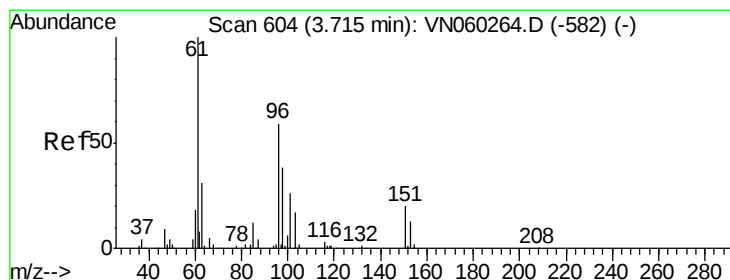
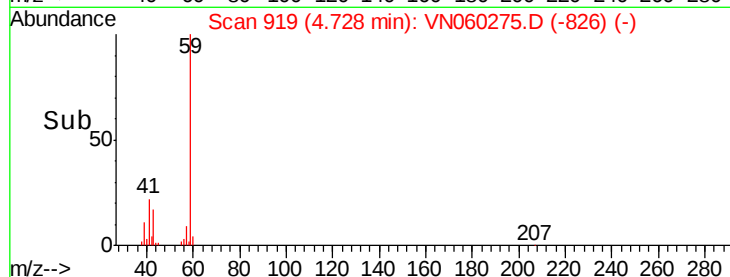
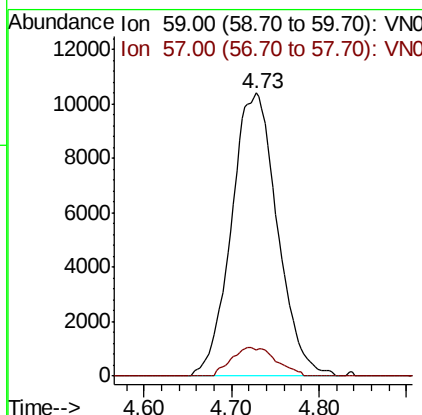
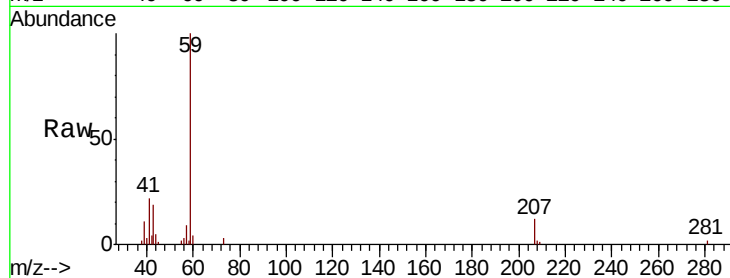


#11

Tert butyl alcohol
 Concen: 95.348 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :

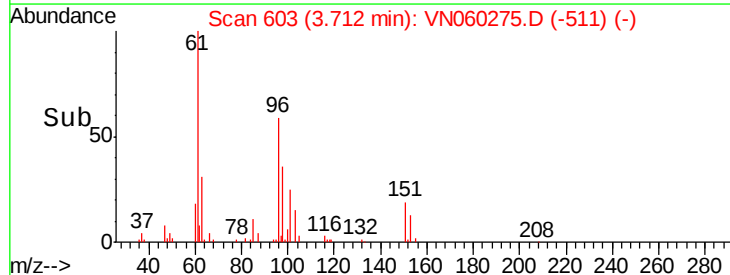
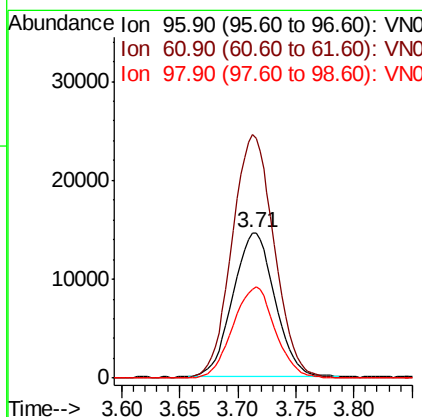
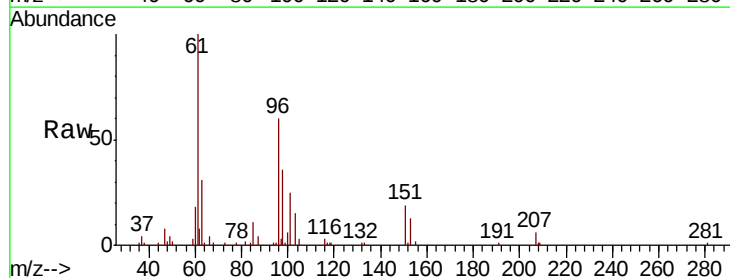
Tot Ion: 59 Resp: 37890
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.2 12.2#

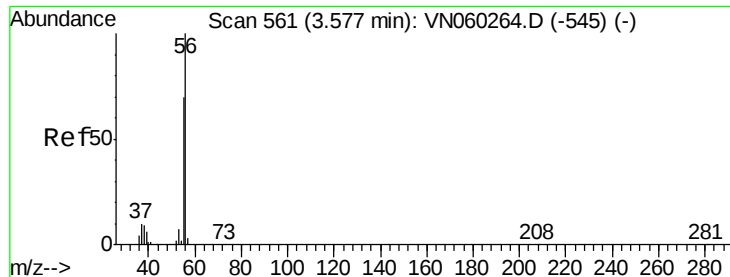


#12

1,1-Dichloroethene
 Concen: 18.115 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion: 96 Resp: 36400
 Ion Ratio Lower Upper
 96 100
 61 169.2 135.4 203.0
 98 61.4 51.6 77.4





#13

Acrolein

Concen: 96.792 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

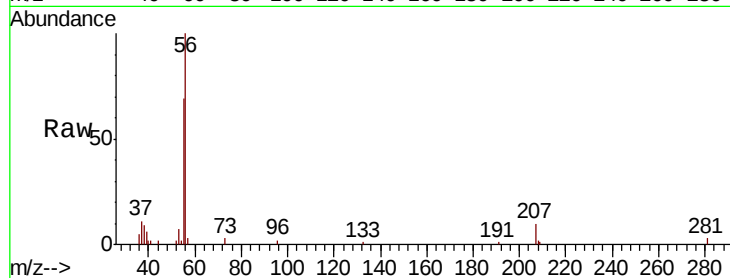
ClientSampleId :

Tot Ion: 56 Resp: 35883

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN060264.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060264.D (-545) (-)

3.57

15000

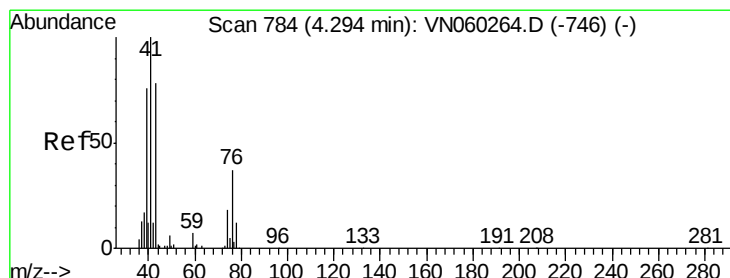
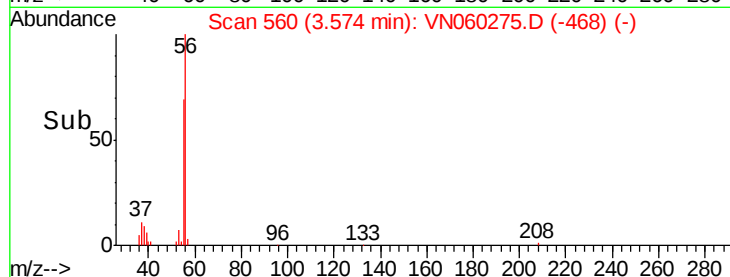
10000

5000

0

3.50 3.60 3.70

Time-->



#14

Allyl chloride

Concen: 18.489 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

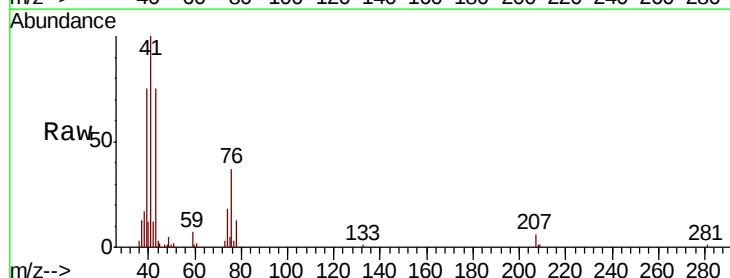
Tgt Ion: 41 Resp: 68314

Ion Ratio Lower Upper

41 100

39 71.7 55.4 83.2

76 34.1 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN060264.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN060264.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN060264.D (-746) (-)

4.29

30000

25000

20000

15000

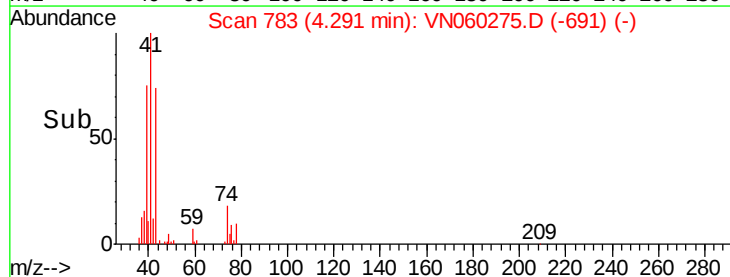
10000

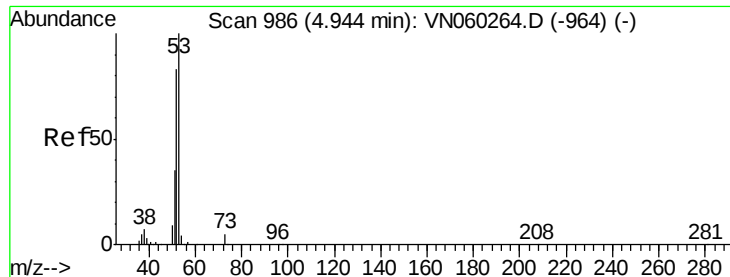
5000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 94.737 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

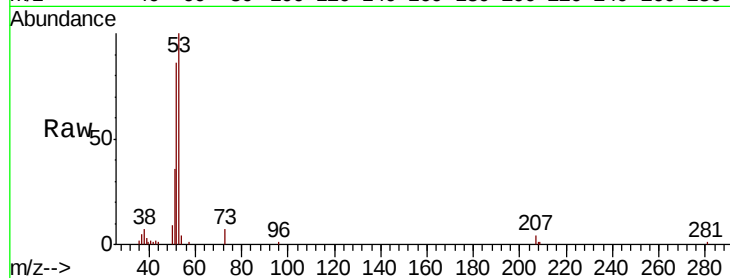
Tot Ion: 53 Resp: 99231

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

51 37.0 29.0 43.6

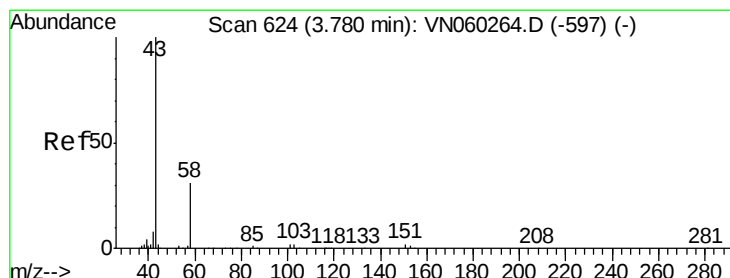
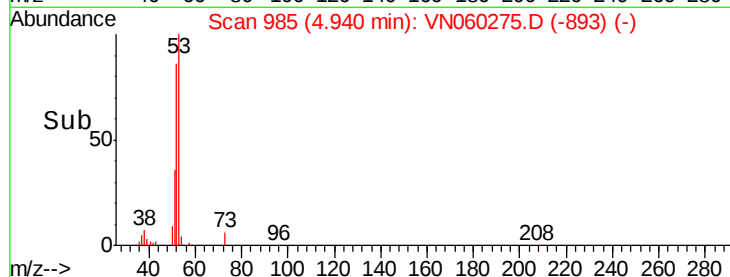
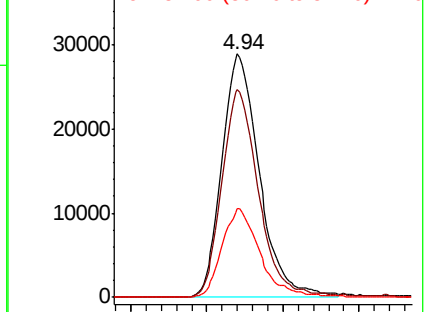


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 92.201 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060275.D

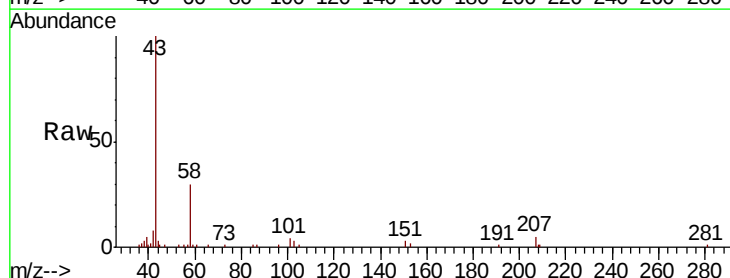
Acq: 28 Feb 2020 11:40

Tgt Ion: 43 Resp: 79683

Ion Ratio Lower Upper

43 100

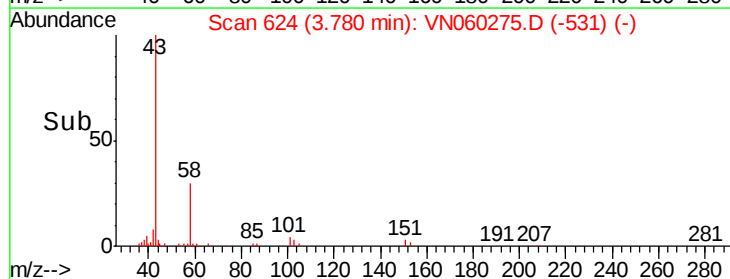
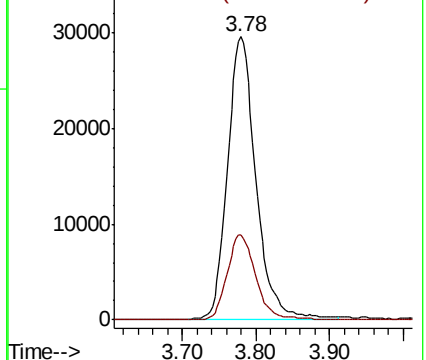
58 30.1 24.6 36.8

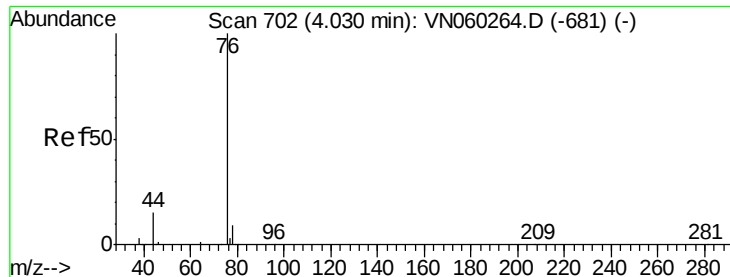


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

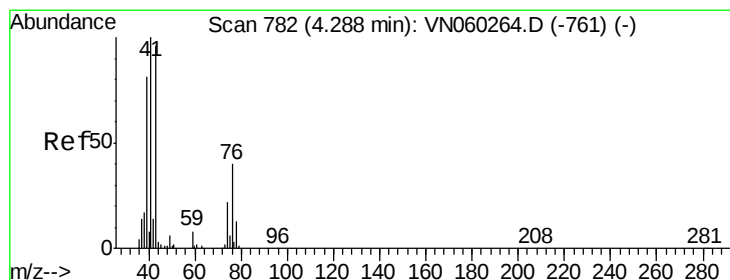
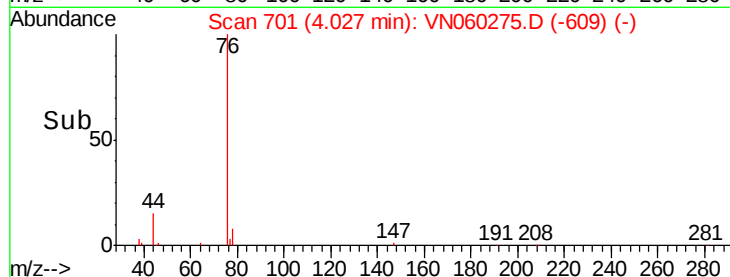
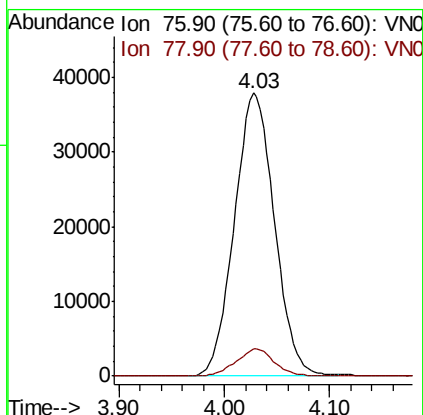
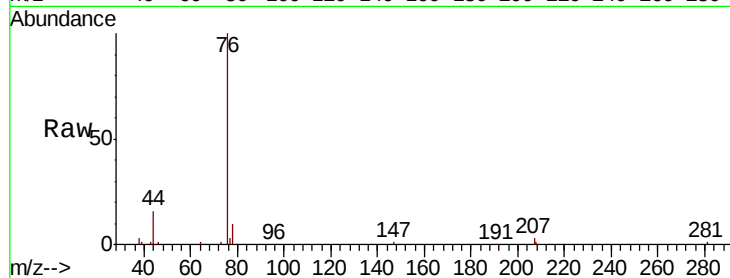




#17
Carbon Disulfide
Concen: 18.358 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

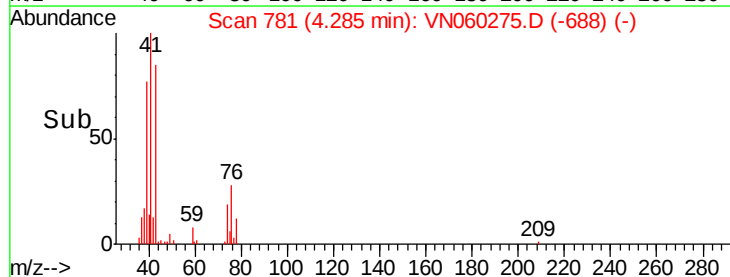
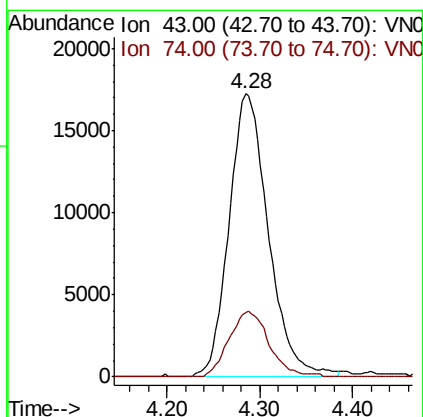
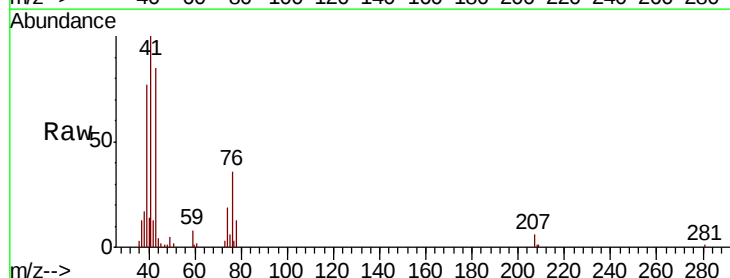
Instrument :
MSVOA_N
ClientSampleId :

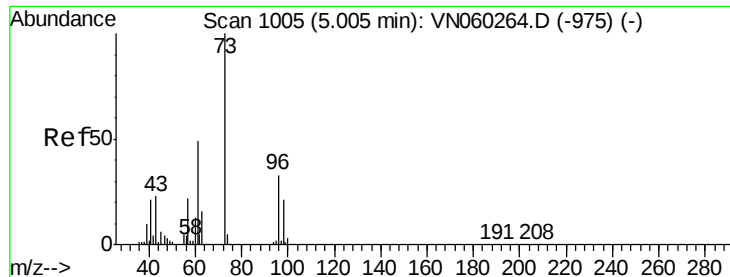
Tot Ion: 76 Resp: 99998
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.626 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 43 Resp: 50836
Ion Ratio Lower Upper
43 100
74 23.7 18.8 28.2

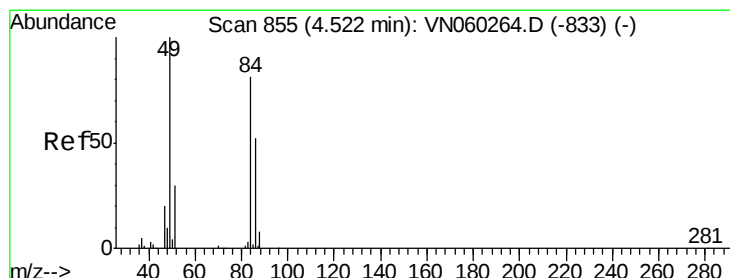
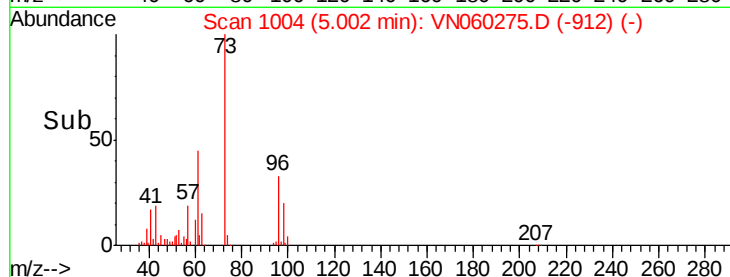
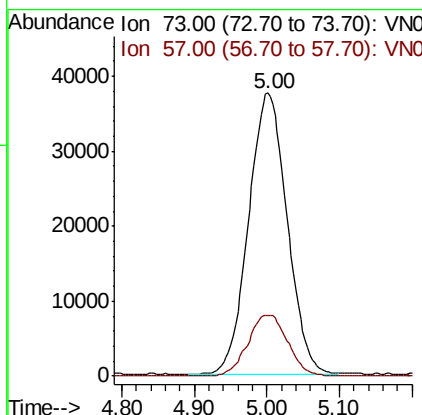
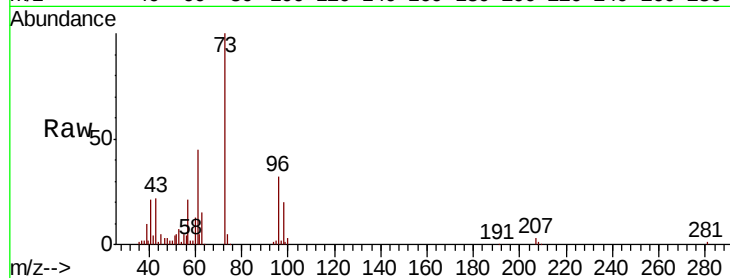




#19
Methyl tert-butyl Ether
Concen: 19.093 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

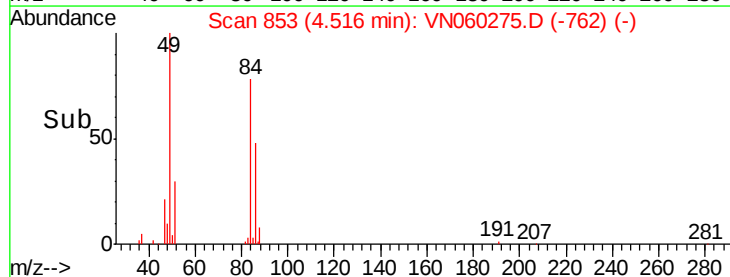
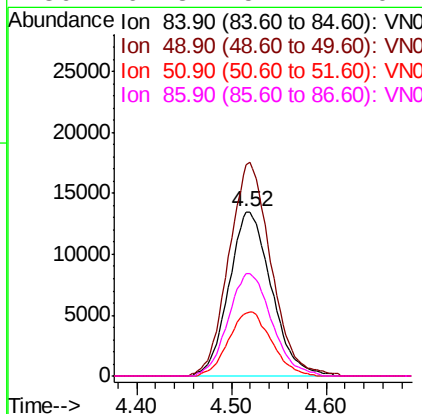
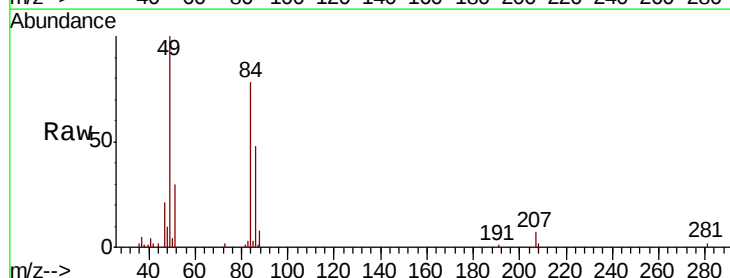
Instrument :
MSVOA_N
ClientSampleId :

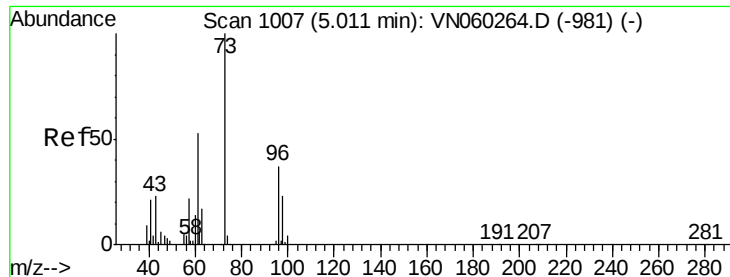
Tot Ion: 73 Resp: 138914
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 17.758 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 84 Resp: 42149
Ion Ratio Lower Upper
84 100
49 128.7 99.3 148.9
51 38.2 30.1 45.1
86 62.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.761 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

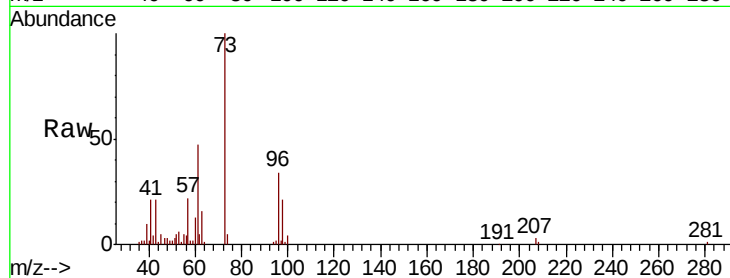
Tot Ion: 96 Resp: 40967

Ion Ratio Lower Upper

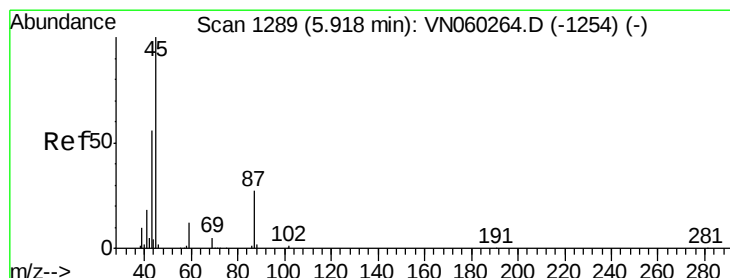
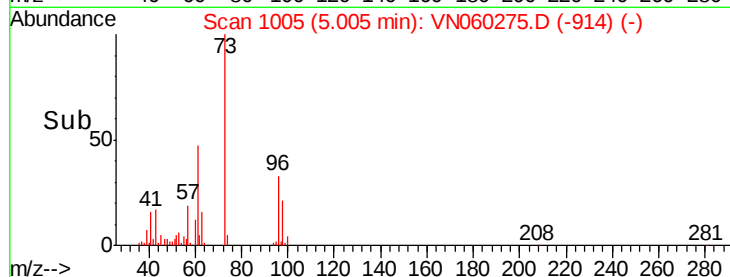
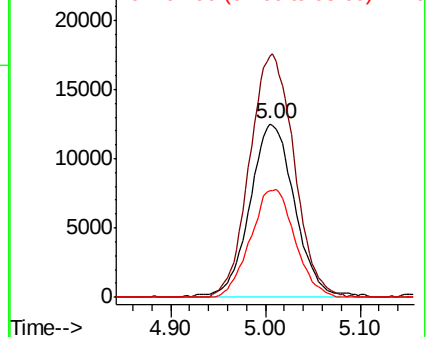
96 100

61 139.0 113.8 170.8

98 61.1 48.8 73.2



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



#22

Diisopropyl ether

Concen: 18.973 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Tgt Ion: 45 Resp: 142004

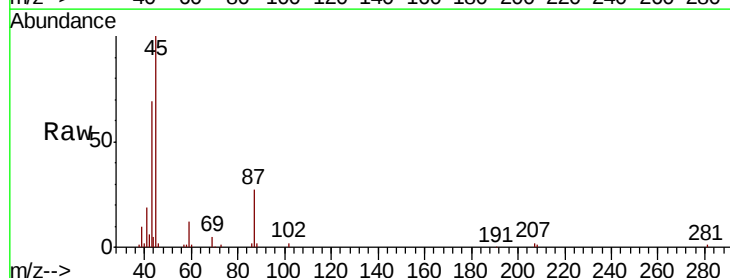
Ion Ratio Lower Upper

45 100

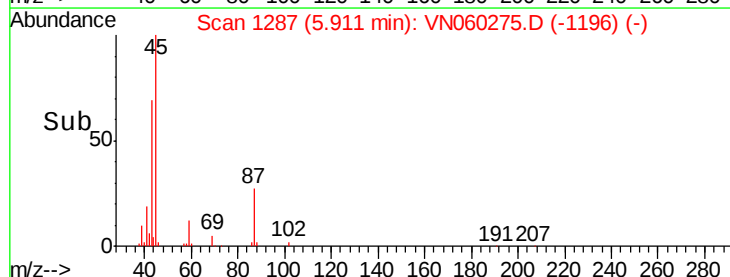
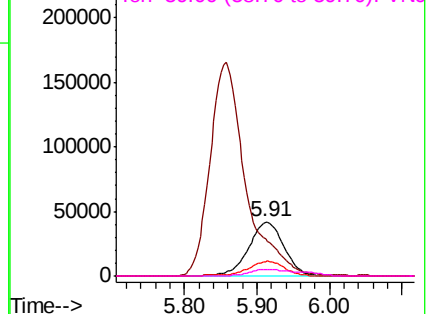
43 67.1 48.6 72.8

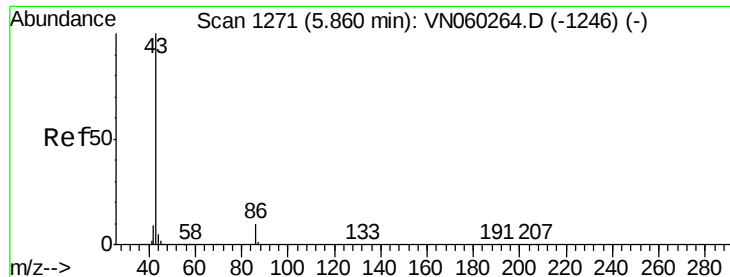
87 27.1 22.2 33.2

59 12.1 9.5 14.3



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





#23

Vinyl Acetate

Concen: 95.275 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

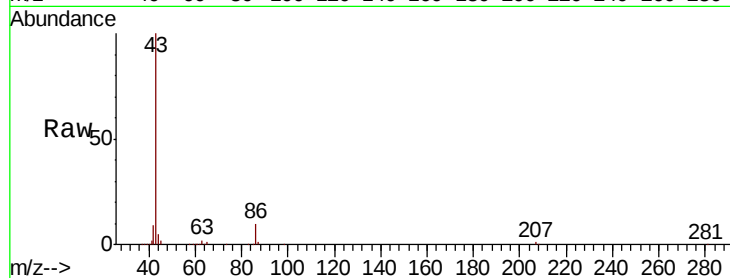
ClientSampled :

Tot Ion: 43 Resp: 566630

Ion Ratio Lower Upper

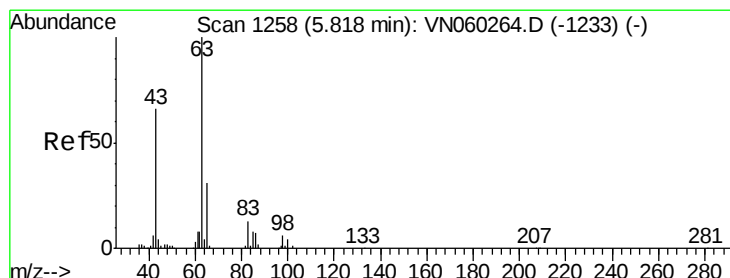
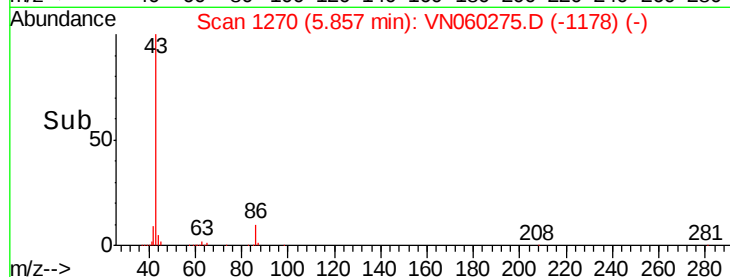
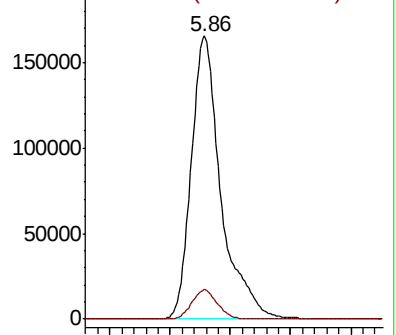
43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.611 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

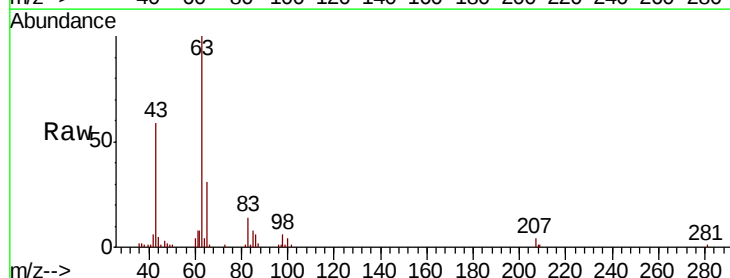
Tgt Ion: 63 Resp: 78847

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.0

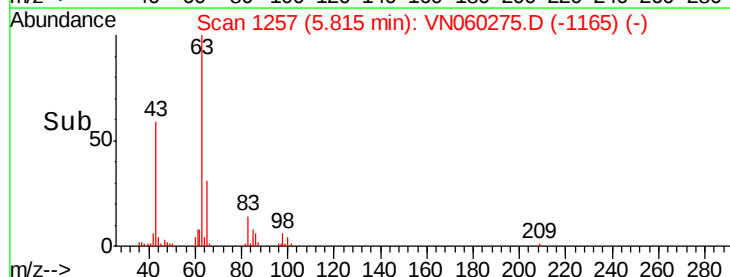
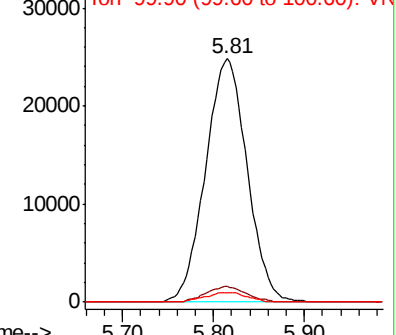
100 3.9 2.0 6.0

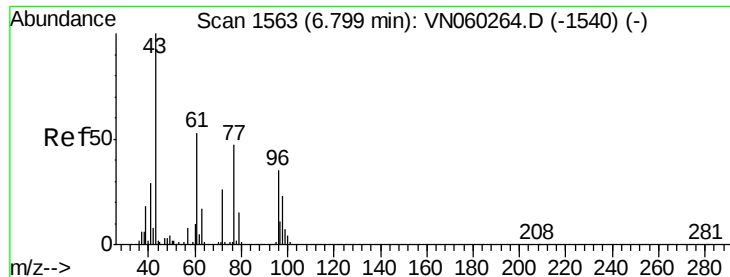


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 91.090 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

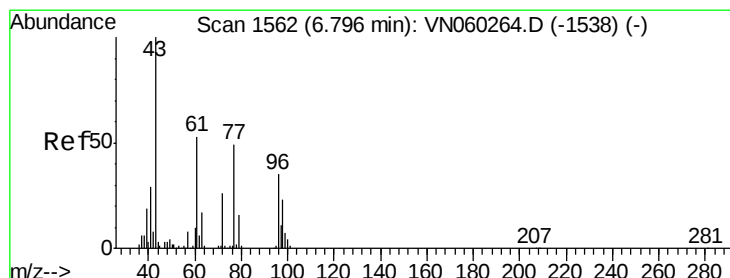
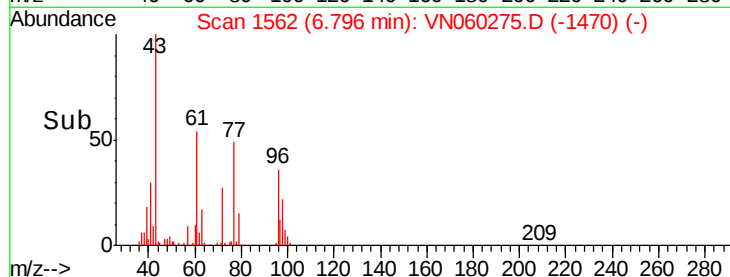
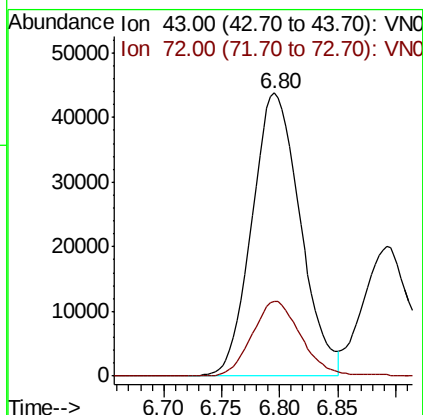
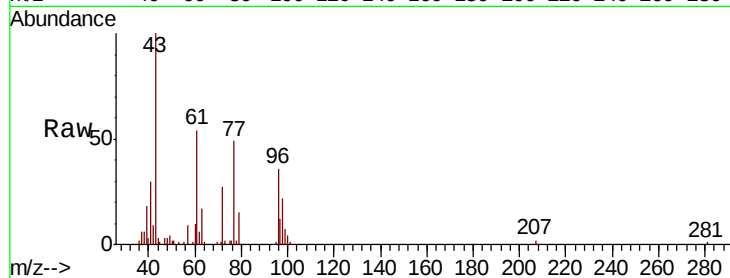
ClientSampleId :

Tot Ion: 43 Resp: 127157

Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 18.168 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060275.D

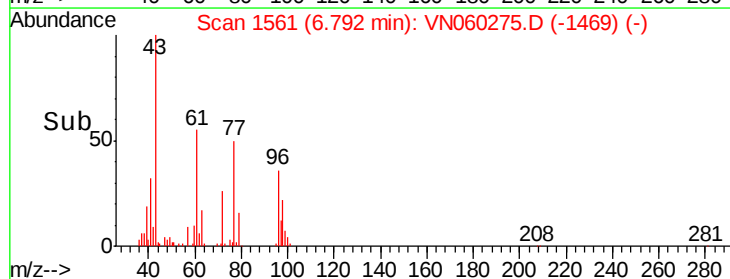
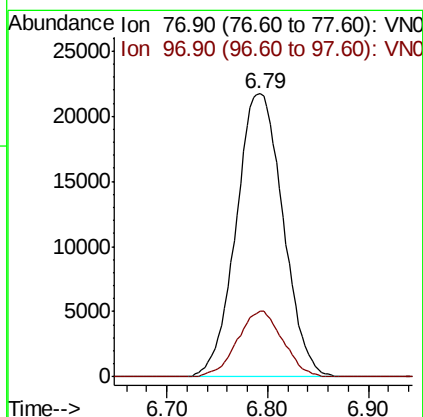
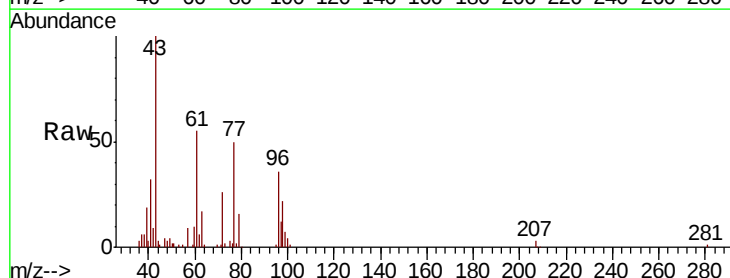
Acq: 28 Feb 2020 11:40

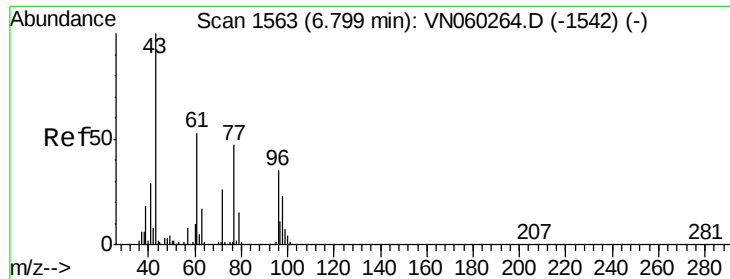
Tgt Ion: 77 Resp: 70072

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.474 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

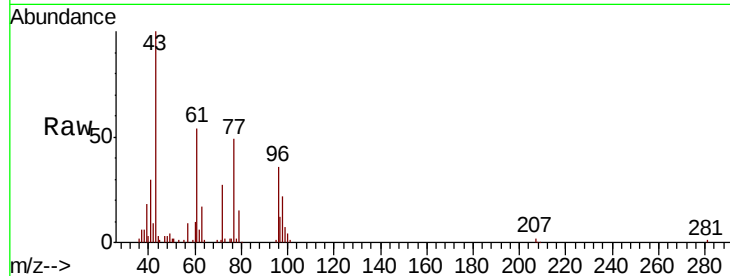
Tot Ion: 96 Resp: 48090

Ion Ratio Lower Upper

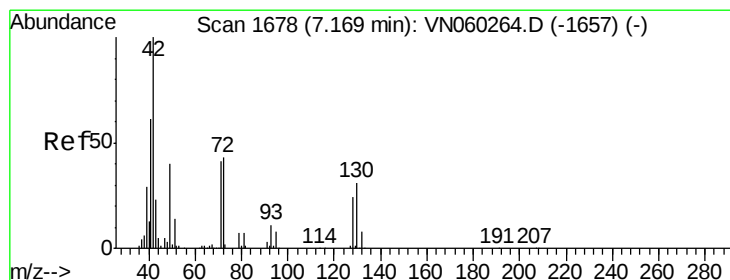
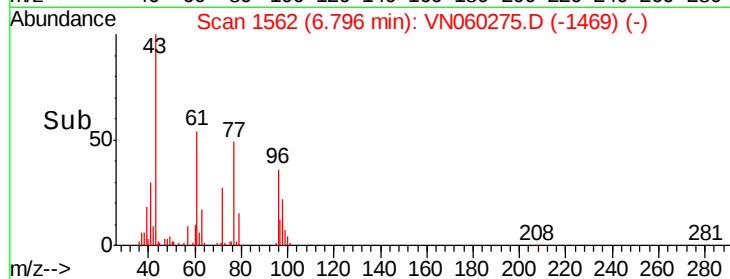
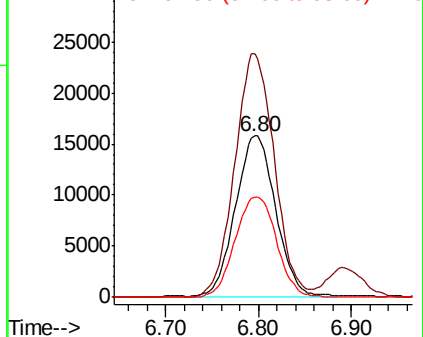
96 100

61 146.4 0.0 300.8

98 63.4 0.0 128.2



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: 18.614 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

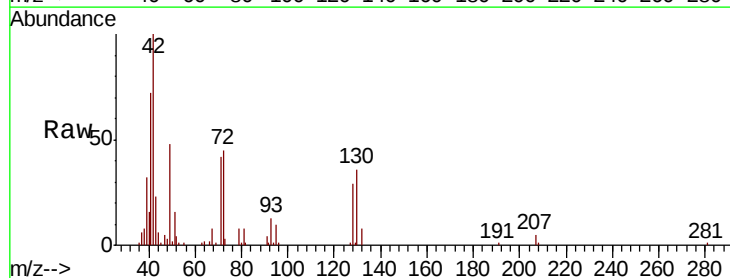
Tgt Ion: 49 Resp: 32378

Ion Ratio Lower Upper

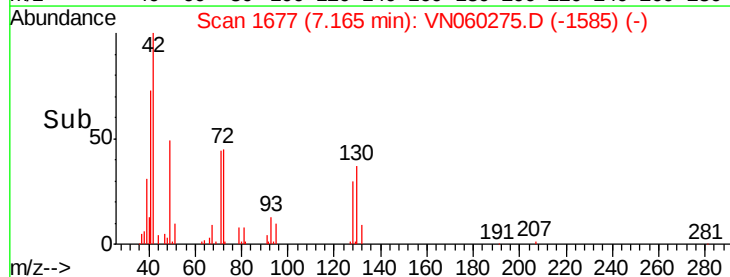
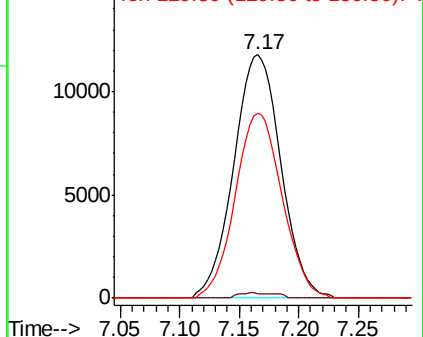
49 100

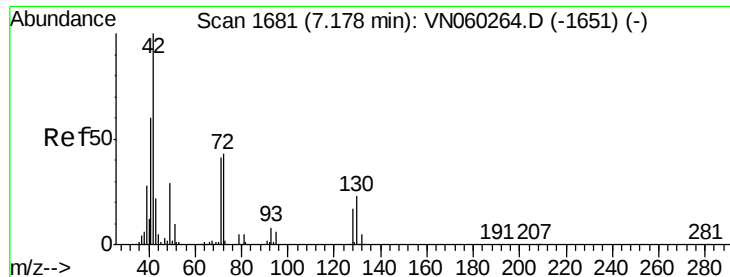
129 1.1 0.0 3.8

130 75.4 59.8 89.8



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

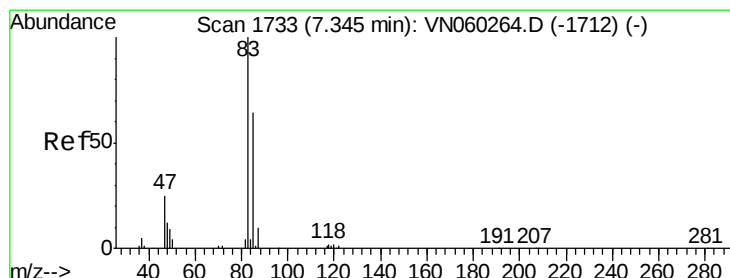
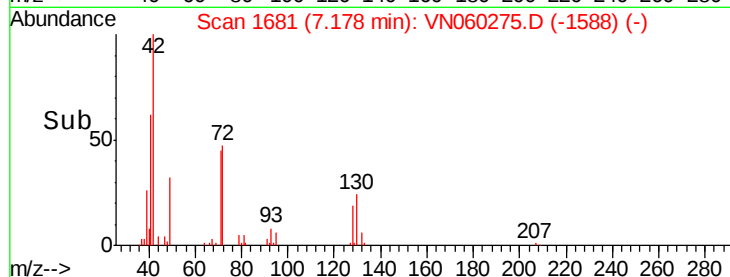
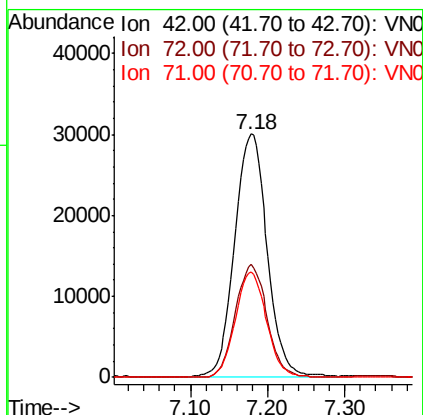
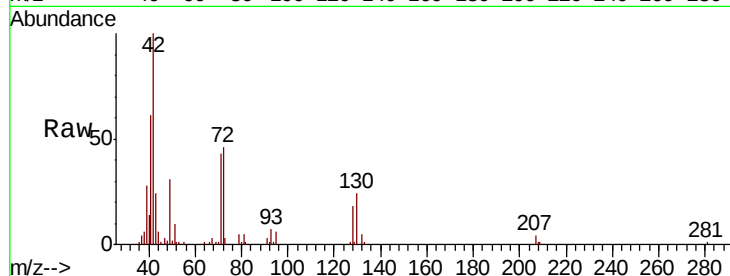




#29
Tetrahydrofuran
Concen: 90.978 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

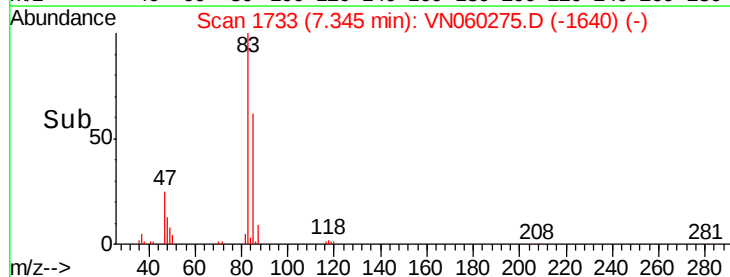
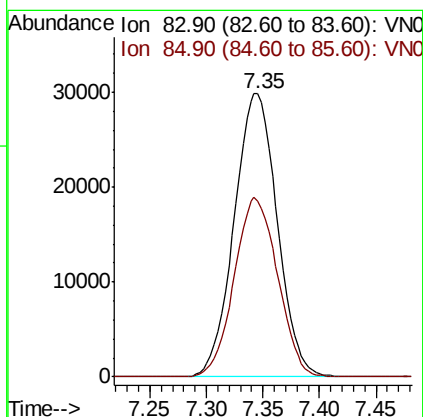
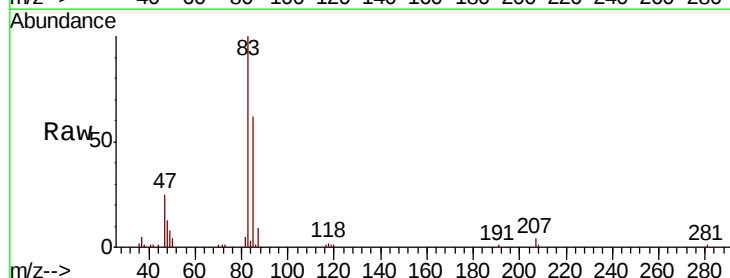
Instrument :
MSVOA_N
ClientSampled :

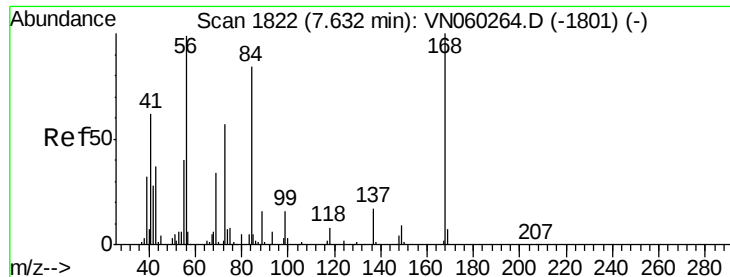
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.6	52.0
71	41.1	32.9	49.3



#30
Chloroform
Concen: 18.766 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2

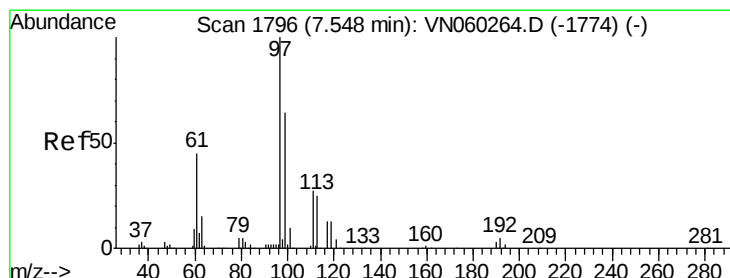
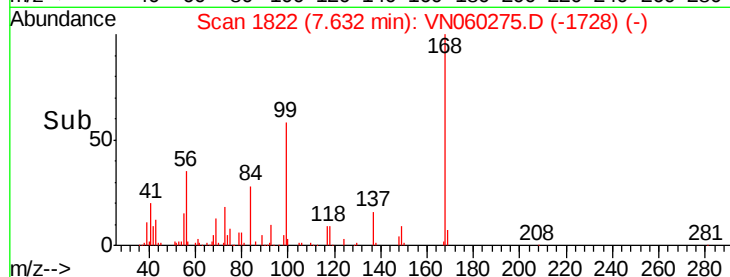
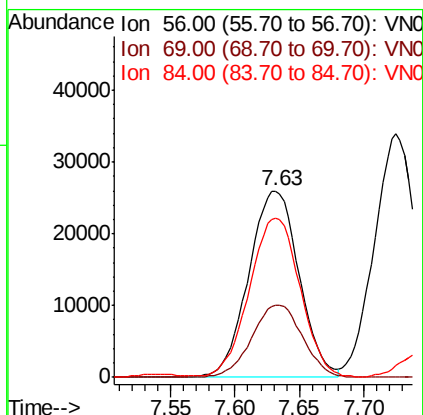
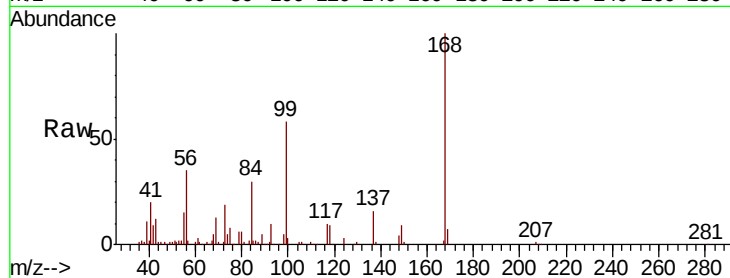




#31
Cyclohexane
Concen: 18.682 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

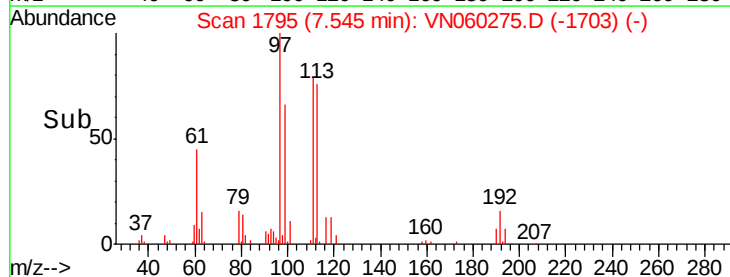
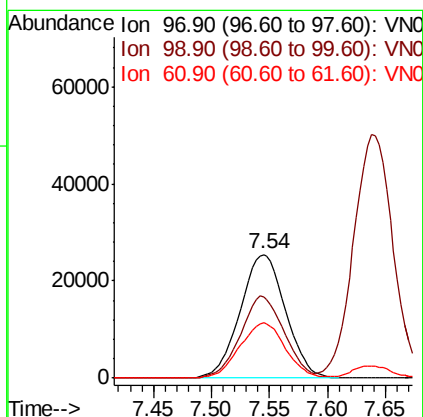
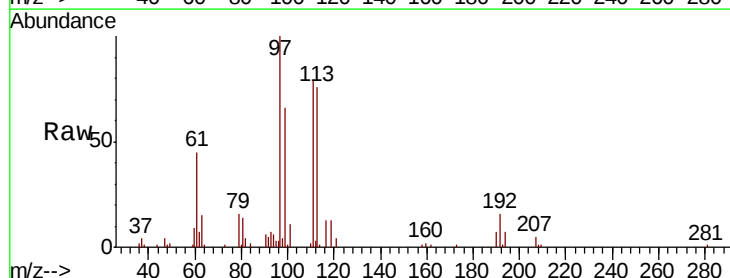
Instrument :
MSVOA_N
ClientSampled :

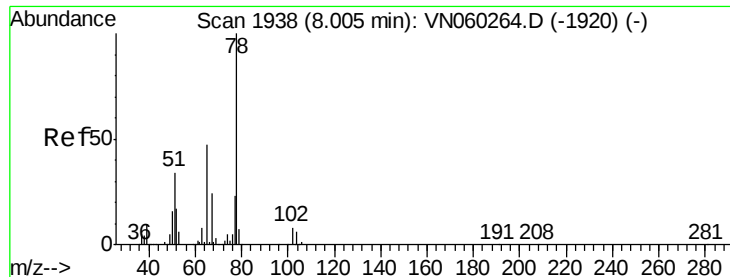
Tot Ion: 56 Resp: 70577
Ion Ratio Lower Upper
56 100
69 38.9 27.2 40.8
84 84.1 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 18.472 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 97 Resp: 69023
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 44.9 36.6 55.0

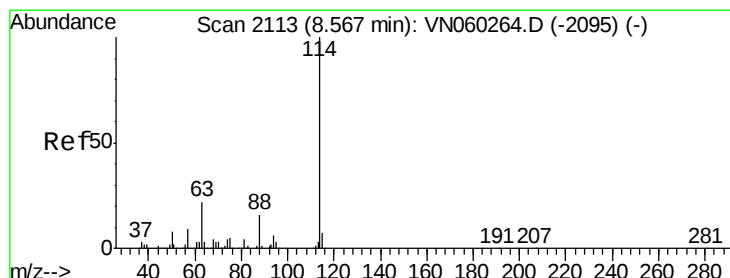
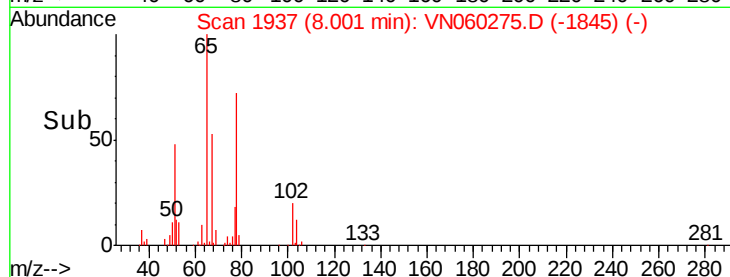
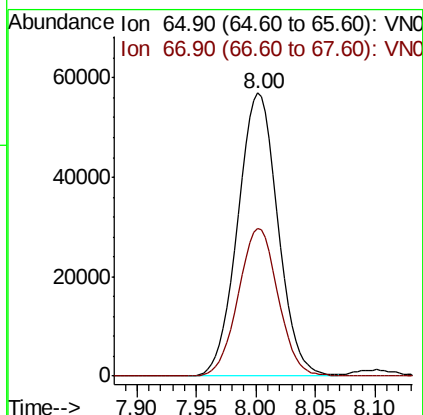
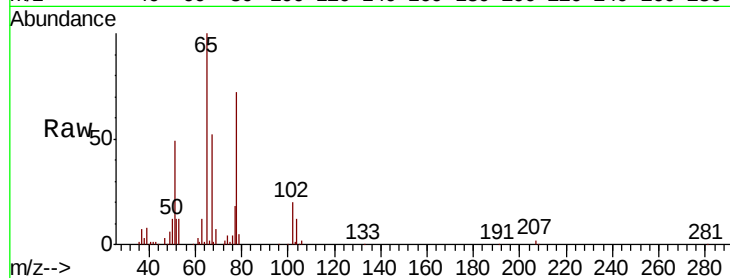




#33
 1,2-Dichloroethane-d4
 Concen: 49.840 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

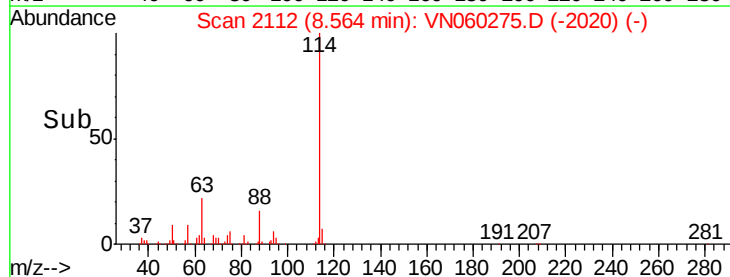
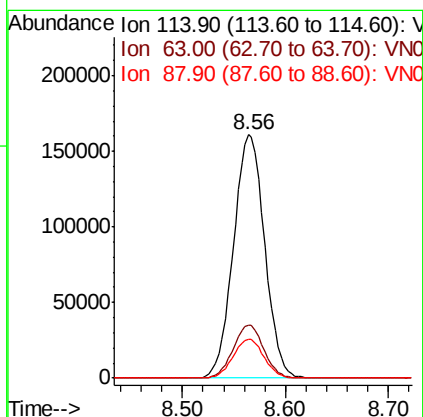
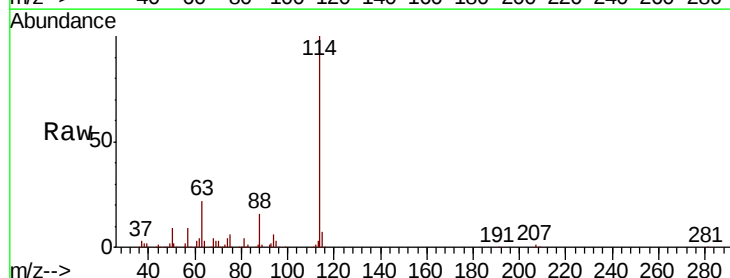
Instrument :
 MSVOA_N
 ClientSampleId :

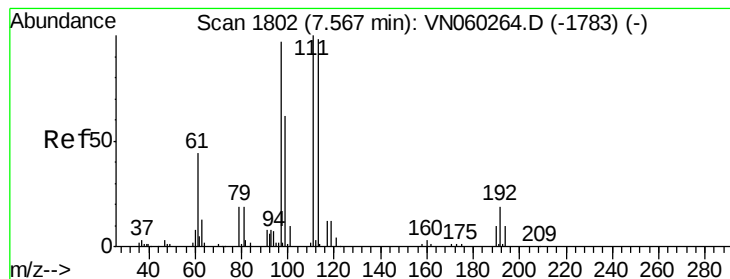
Tot Ion: 65 Resp: 133383
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion: 114 Resp: 338349
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.184 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

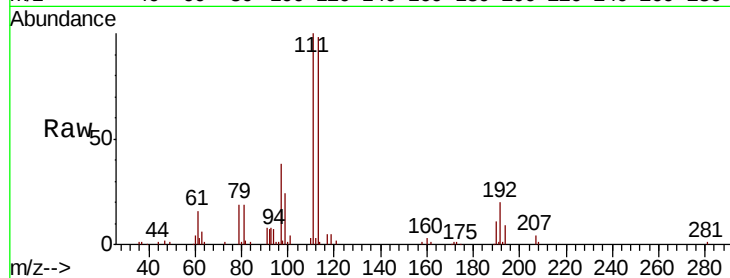
Tot Ion:113 Resp: 88237

Ion Ratio Lower Upper

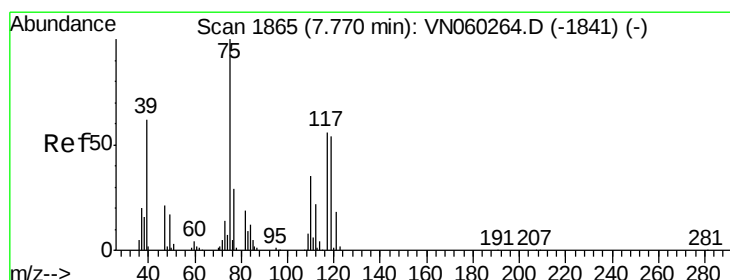
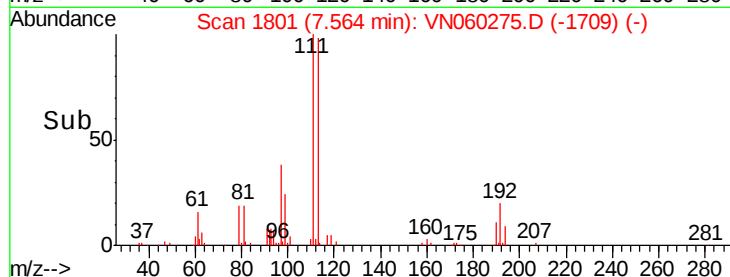
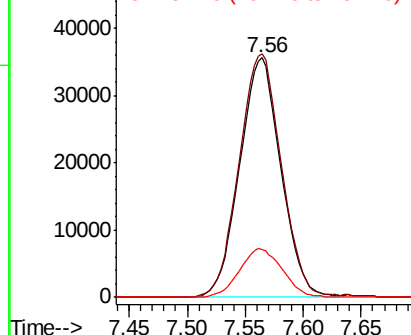
113 100

111 104.0 82.4 123.6

192 20.9 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: 17.879 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

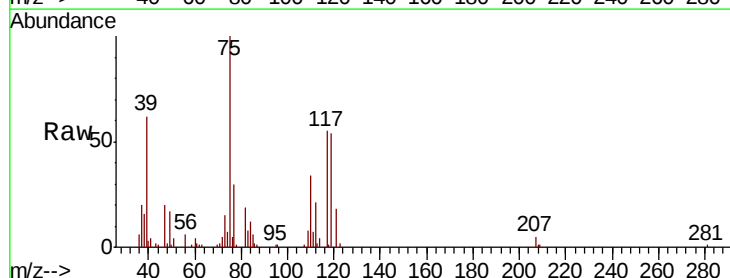
Tgt Ion: 75 Resp: 57654

Ion Ratio Lower Upper

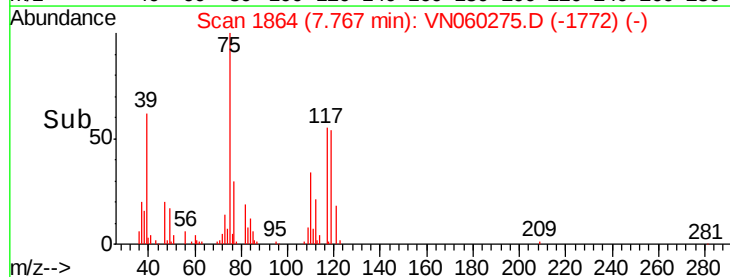
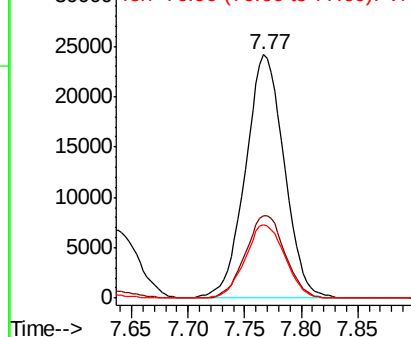
75 100

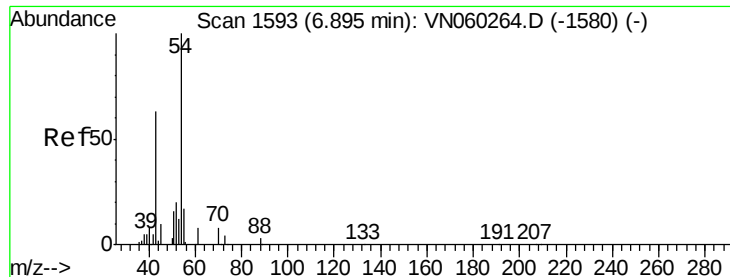
110 34.4 17.3 52.0

77 30.9 24.2 36.2



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

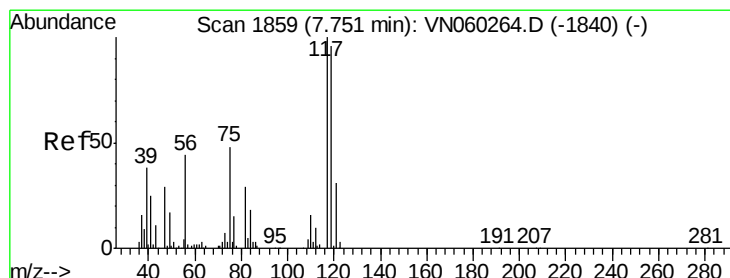
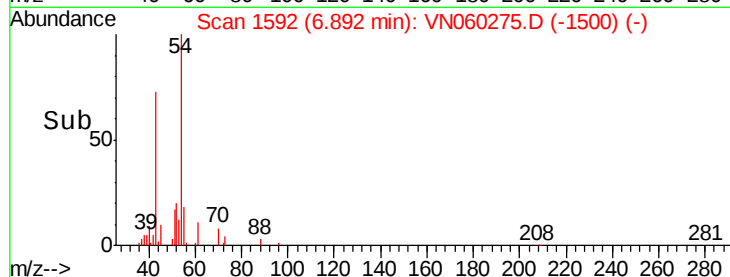
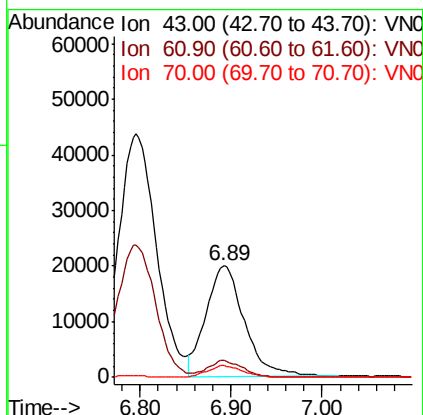
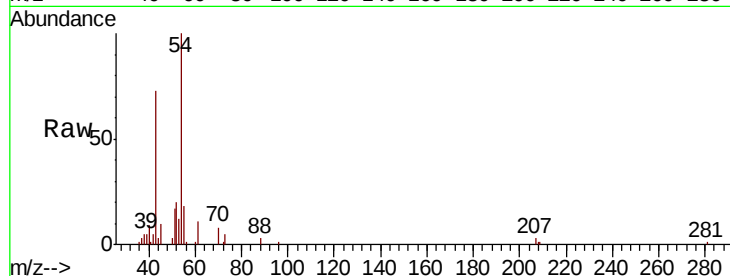




#37
Ethyl Acetate
Concen: 19.022 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

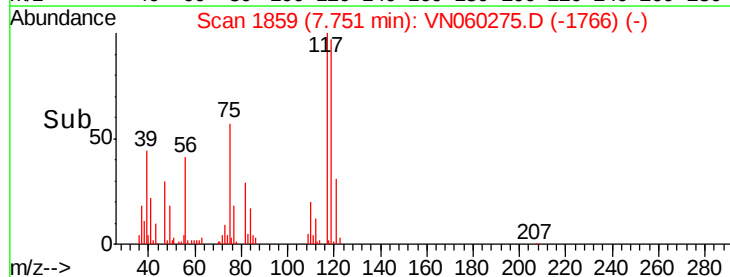
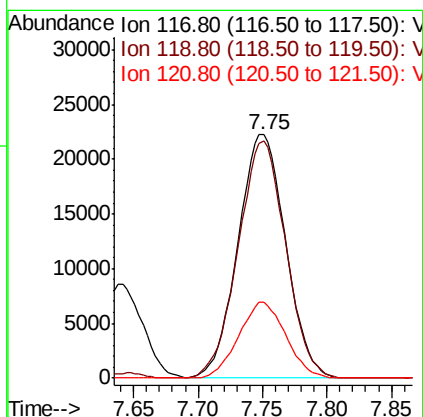
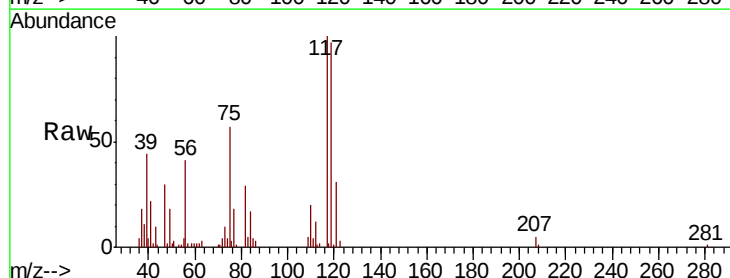
Instrument :
MSVOA_N
ClientSampled :

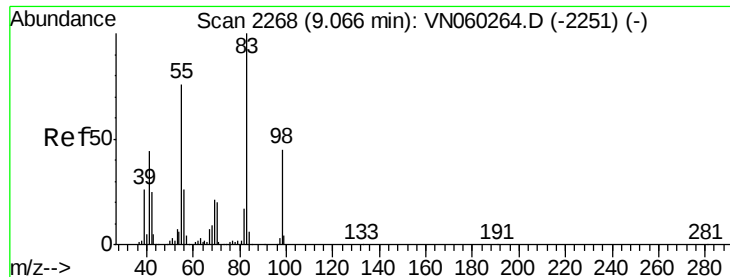
Tot Ion: 43 Resp: 58079
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.243 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 117 Resp: 57274
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
121 31.2 24.5 36.7

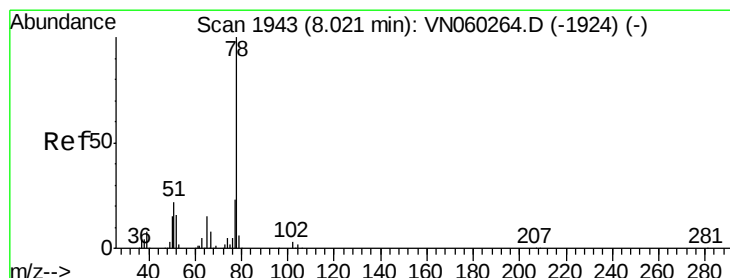
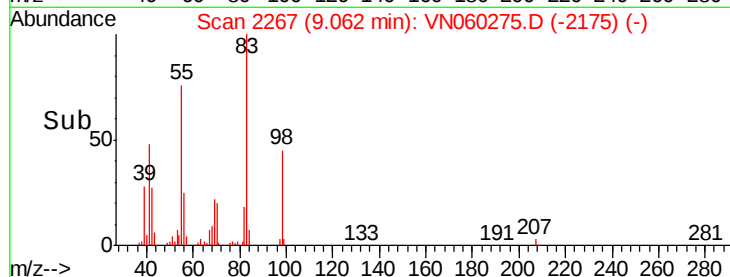
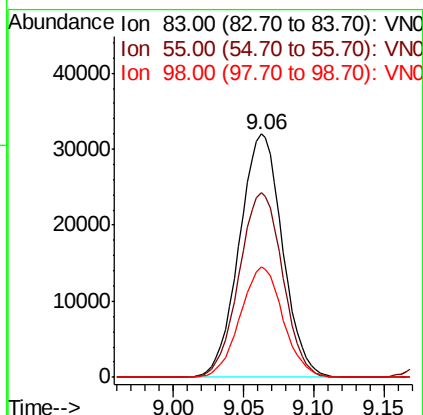
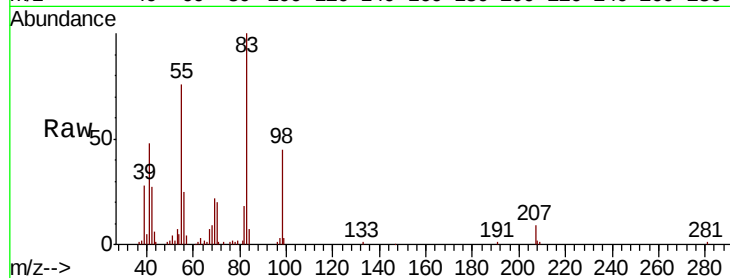




#39
Methvlcvclohexane
Concen: 18.015 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

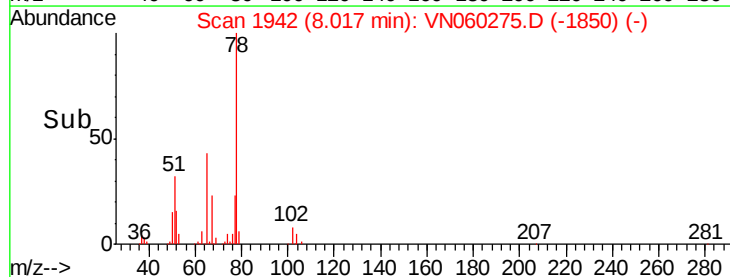
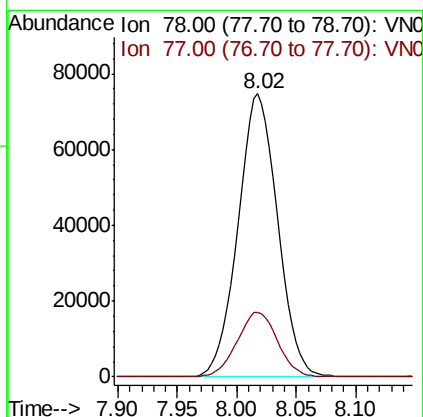
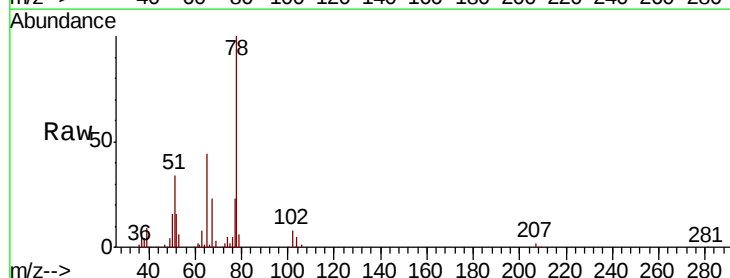
Instrument :
MSVOA_N
ClientSampleId :

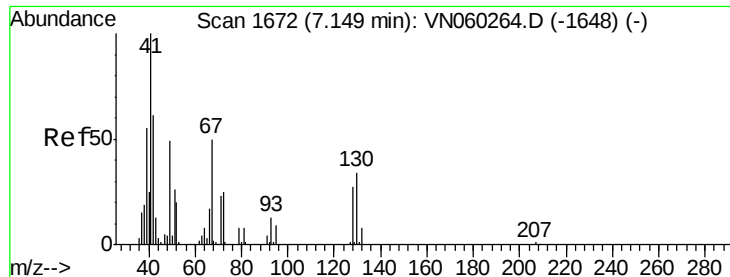
Tot Ion	83.00	Resp	68495
Ion Ratio	Lower	Upper	
83	100		
55	75.8	61.0	91.4
98	45.3	36.1	54.1



#40
Benzene
Concen: 18.358 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion	78.00	Resp	172297
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2

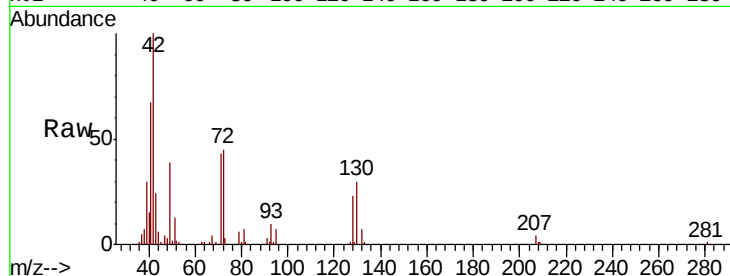




#41
Methacrylonitrile
Concen: 58.588 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.02 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	82599
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



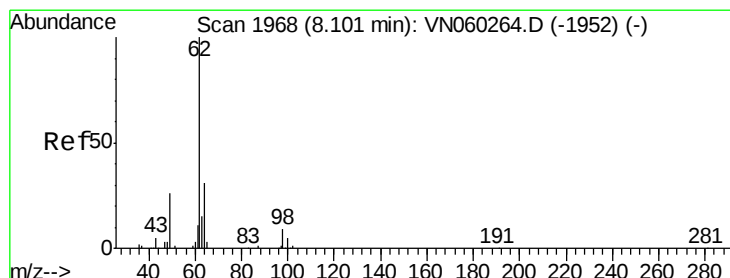
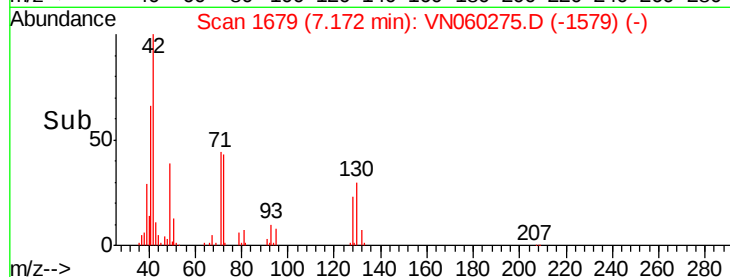
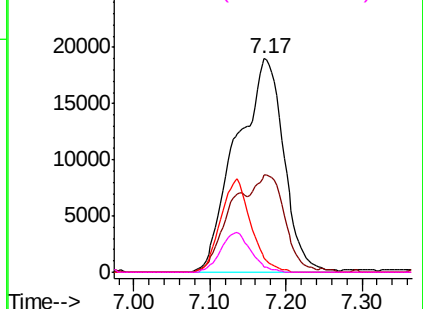
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

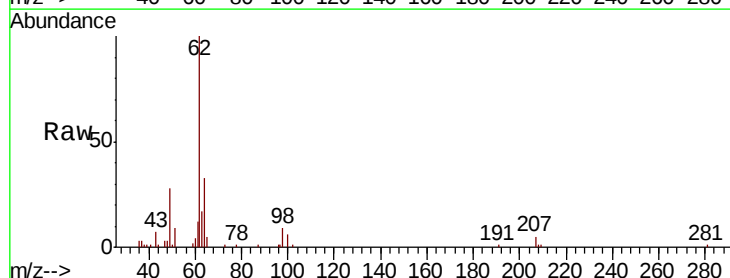
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 19.020 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

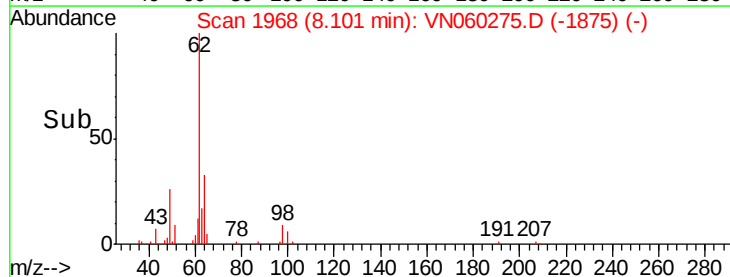
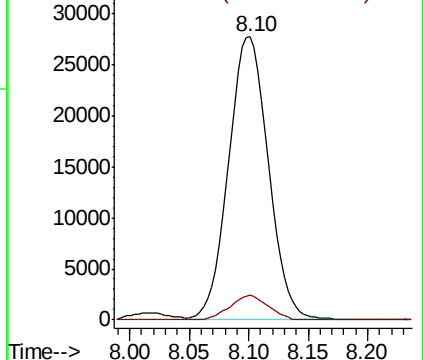
Tgt Ion:	62	Resp:	64417
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0

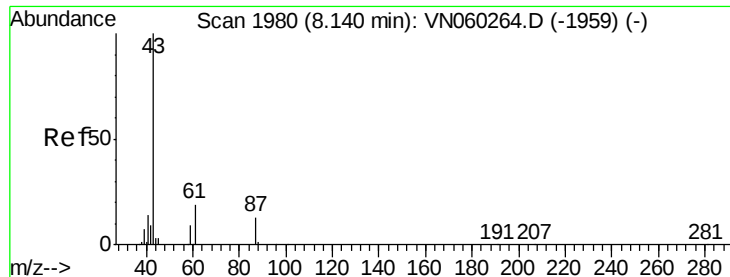


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



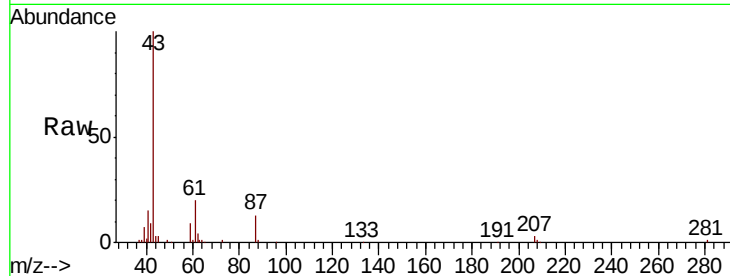


#43

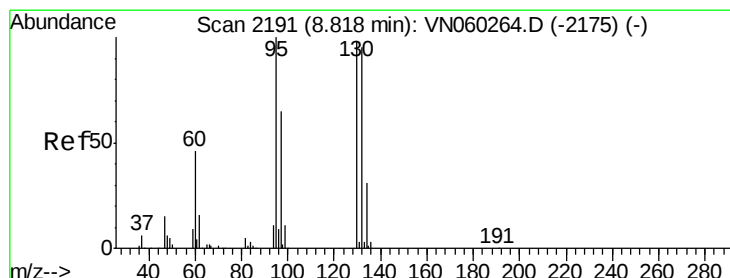
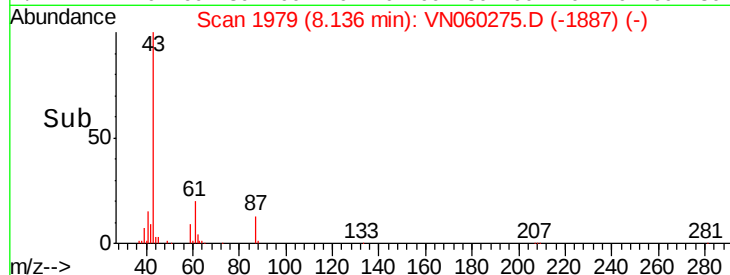
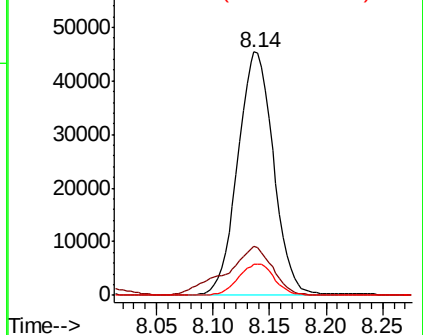
Isopropyl Acetate
 Concen: 18.752 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.9	31.3
87	12.8	10.6	16.0



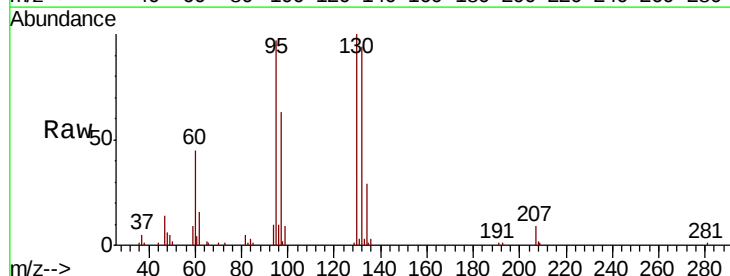
Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)



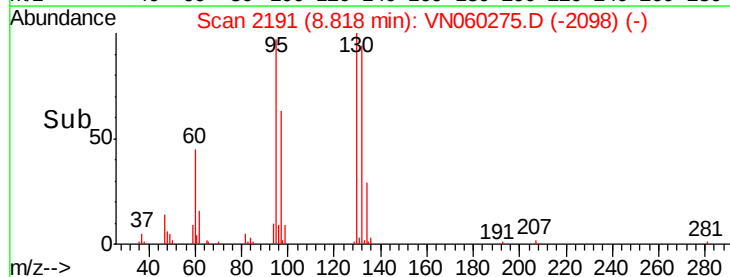
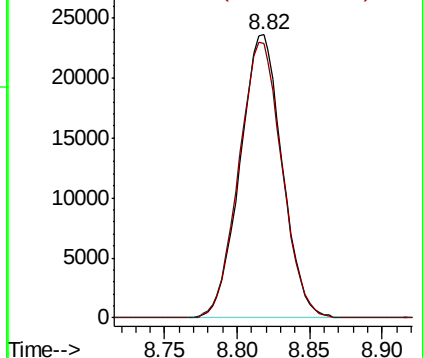
#44

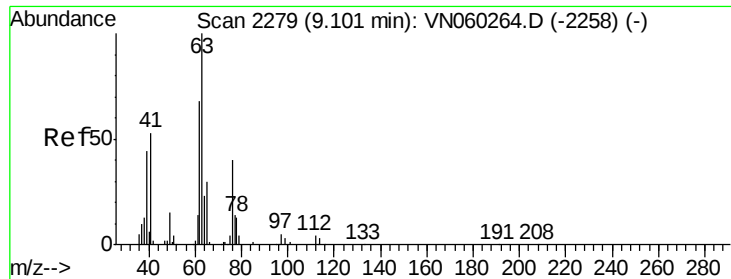
Trichloroethene
 Concen: 18.243 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060264.D (-2175) (-)

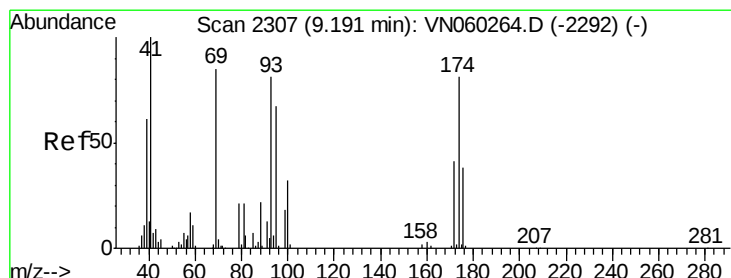
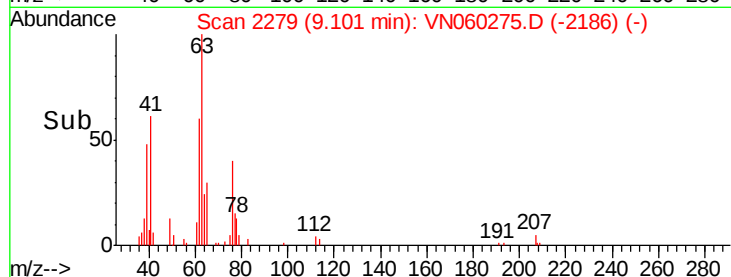
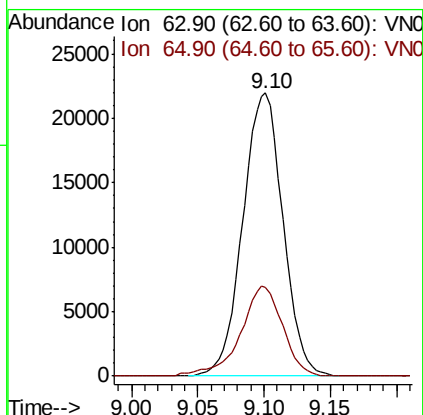
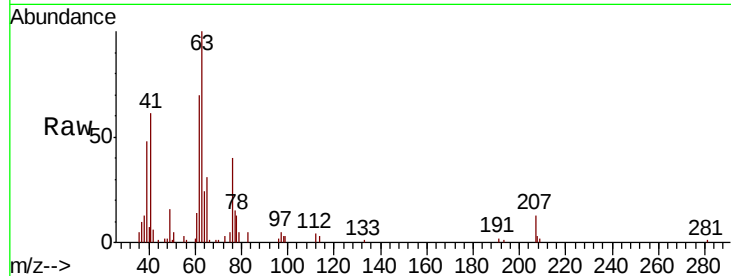




#45
 1,2-Dichloropropane
 Concen: 18.866 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

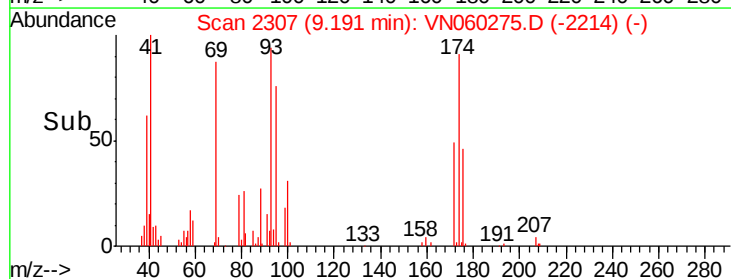
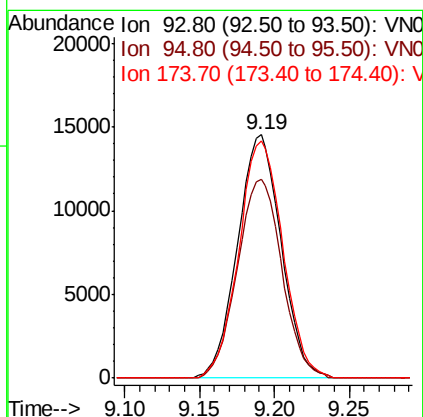
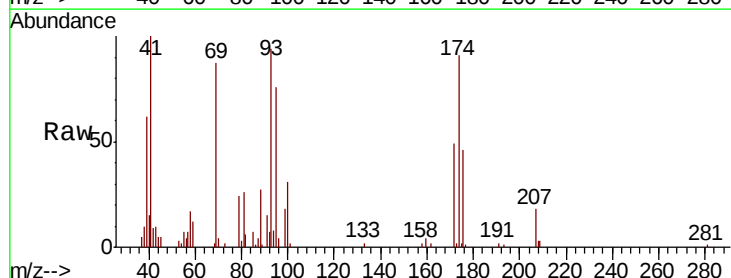
Instrument :
 MSVOA_N
 ClientSampleId :

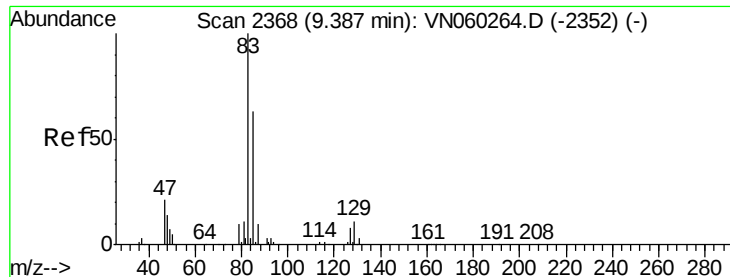
Tot Ion: 63 Resp: 46295
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 18.509 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion: 93 Resp: 29470
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 98.4 79.6 119.4





#47

Bromodichloromethane

Concen: 18.937 ug/l

RT: 9.38 min Scan# 2367

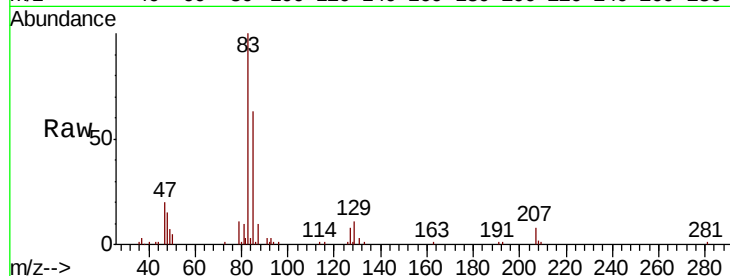
Delta R.T. -0.00 min

Lab File: VN060275.D

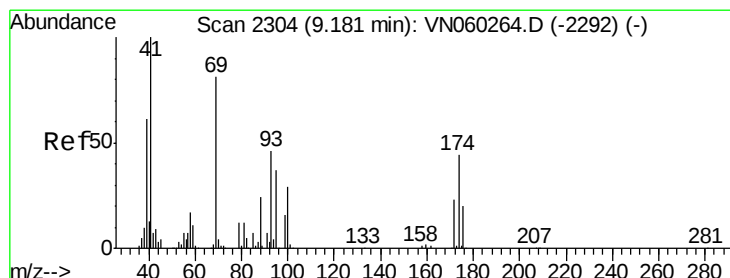
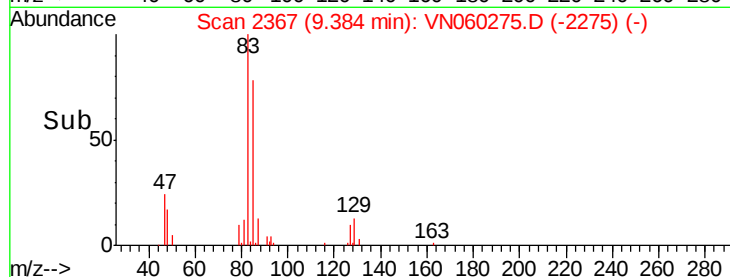
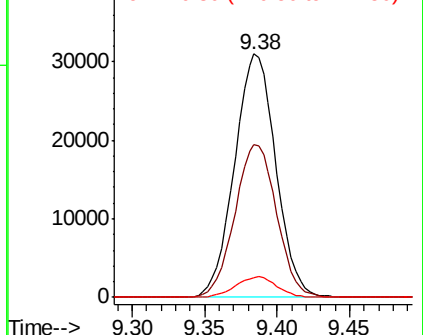
Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	83	Resp:	61326
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1
127	8.2	6.8	10.2



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: 17.756 ug/l

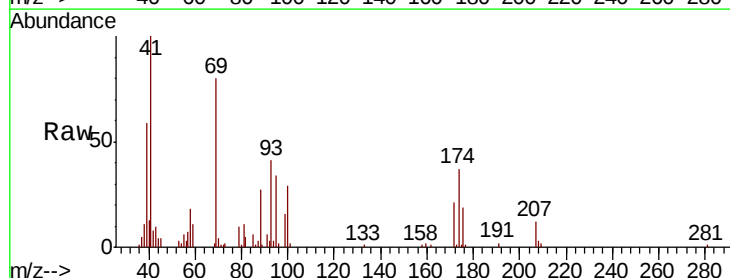
RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

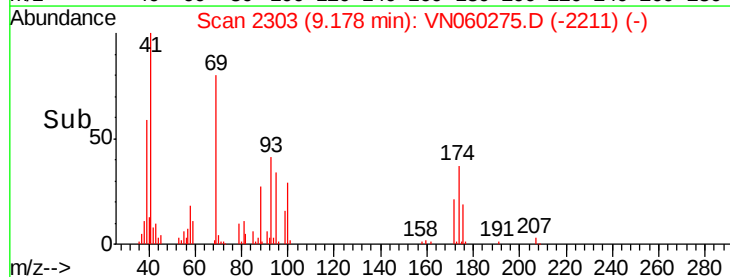
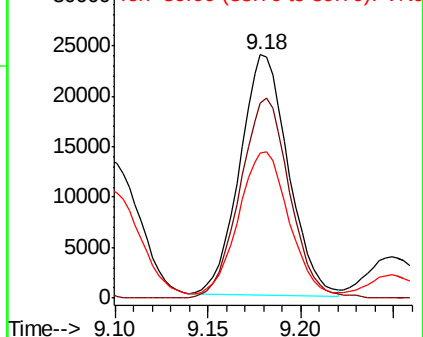
Lab File: VN060275.D

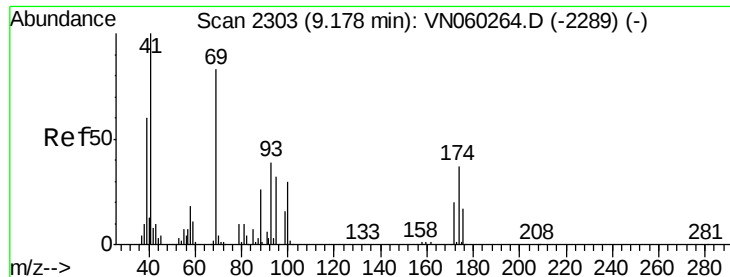
Acq: 28 Feb 2020 11:40

Tgt Ion:	41	Resp:	43281
Ion	Ratio	Lower	Upper
41	100		
69	85.2	66.7	100.1
39	61.1	50.1	75.1



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

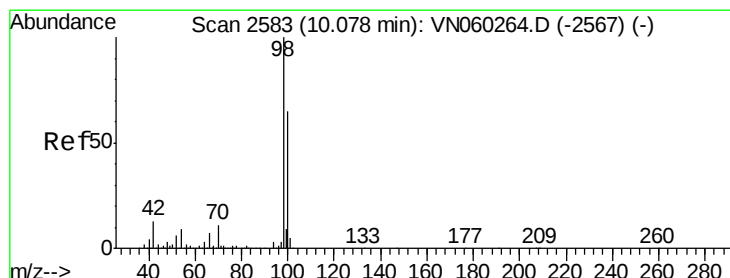
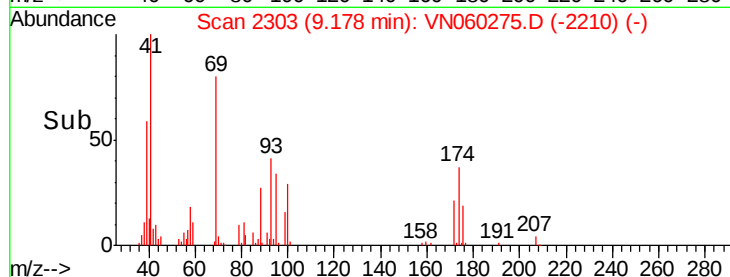
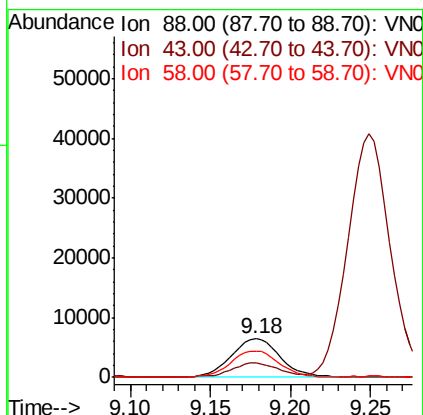
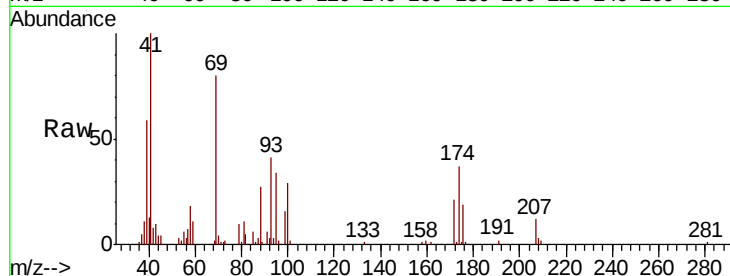




#49
1,4-Dioxane
Concen: 393.044 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

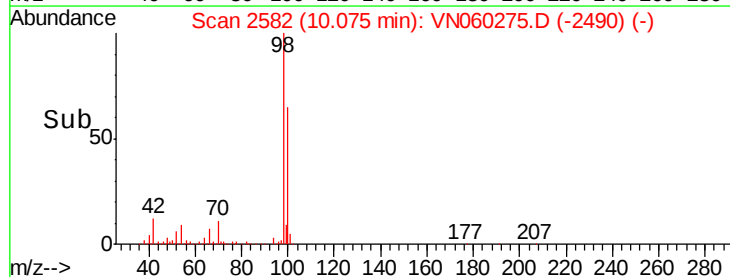
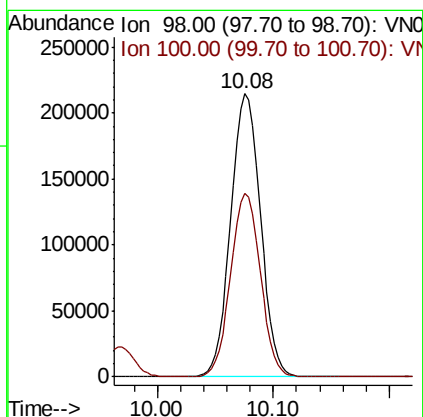
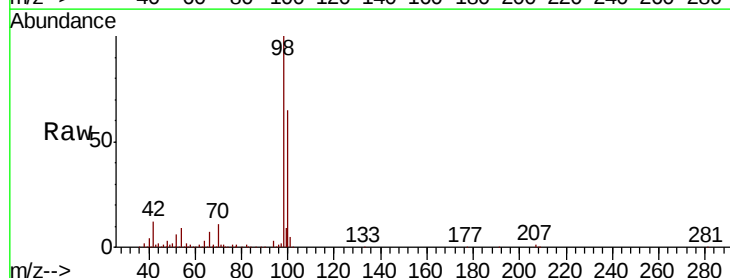
Instrument :
MSVOA_N
ClientSampled :

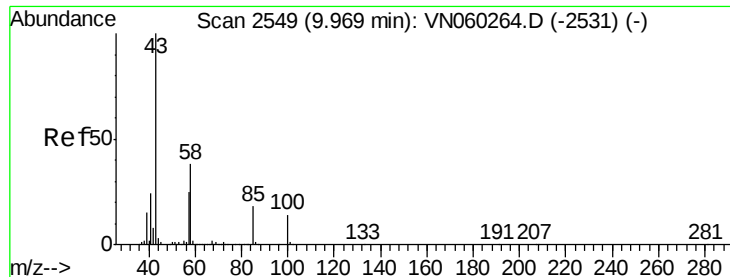
Tot Ion: 88 Resp: 13473
Ion Ratio Lower Upper
88 100
43 36.5 30.4 45.6
58 67.7 57.0 85.6



#50
Toluene-d8
Concen: 48.282 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 98 Resp: 383769
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 93.054 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

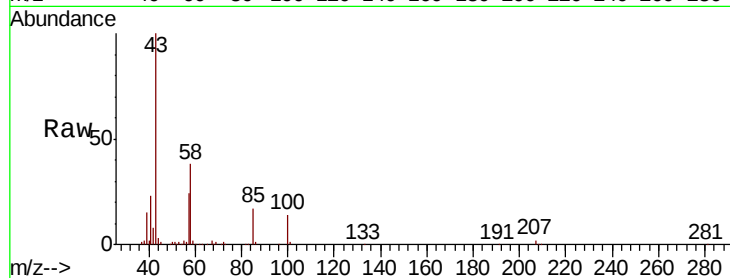
ClientSampleId :

Tot Ion: 43 Resp: 282021

Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

9.97

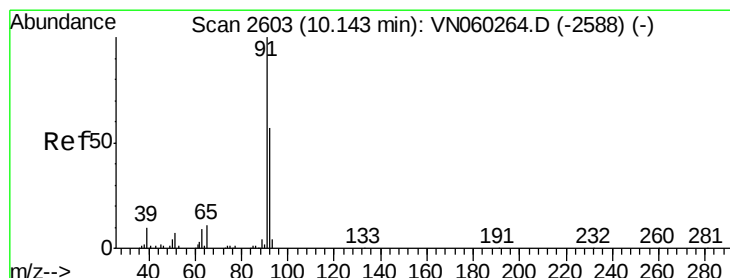
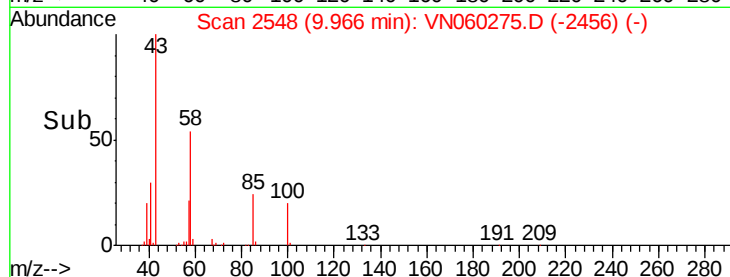
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.261 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060275.D

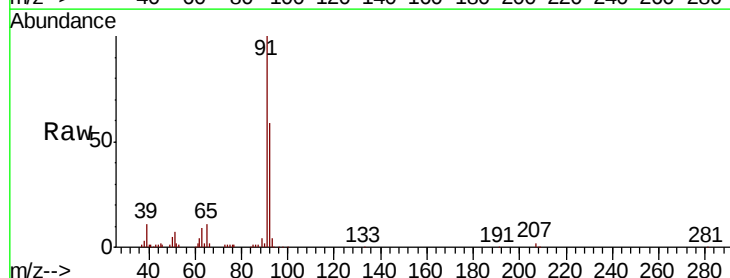
Acq: 28 Feb 2020 11:40

Tgt Ion: 92 Resp: 107658

Ion Ratio Lower Upper

92 100

91 170.2 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

10.14

120000

100000

80000

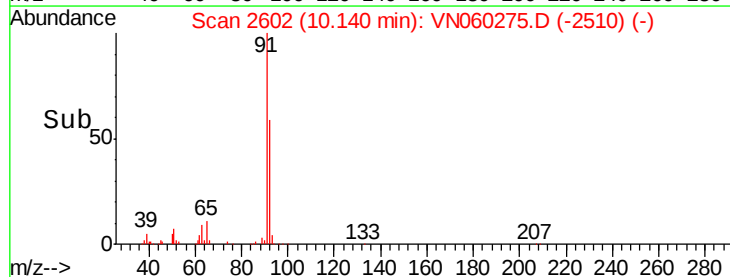
60000

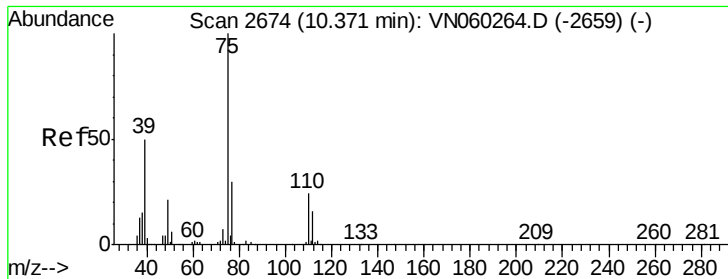
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.140 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

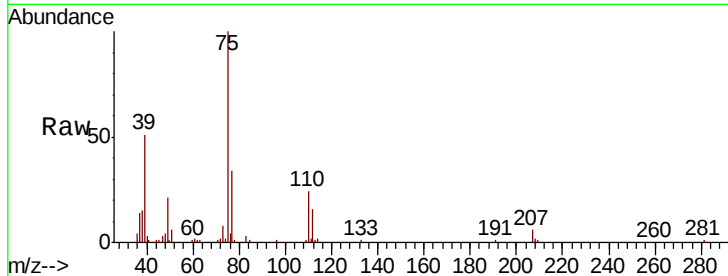
ClientSampleId :

Tot Ion: 75 Resp: 71981

Ion Ratio Lower Upper

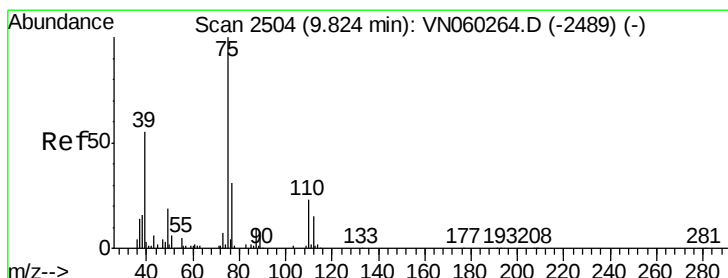
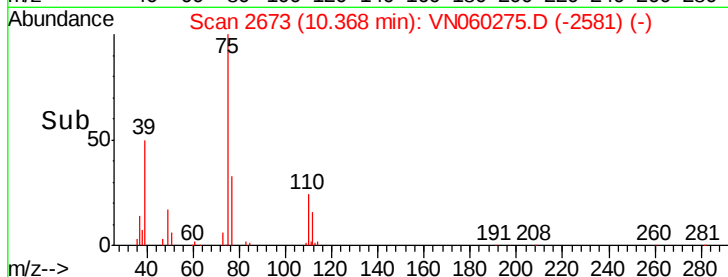
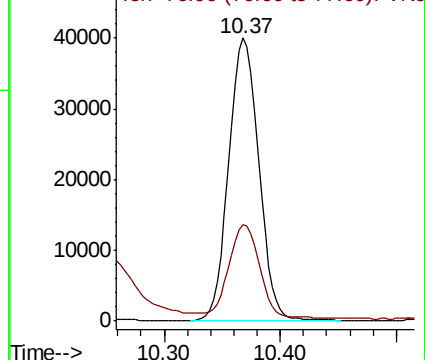
75 100

77 33.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.737 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

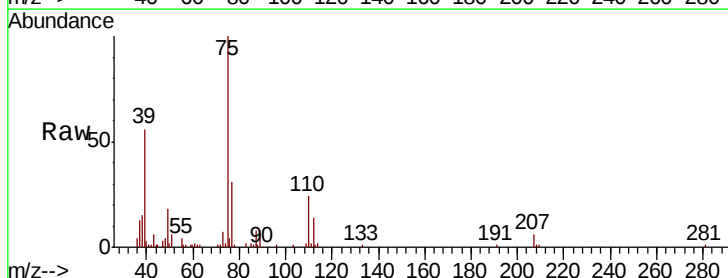
Tgt Ion: 75 Resp: 77042

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

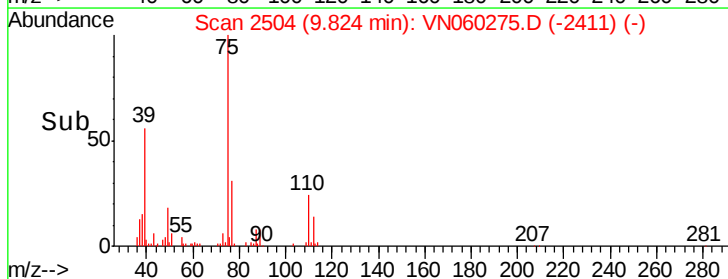
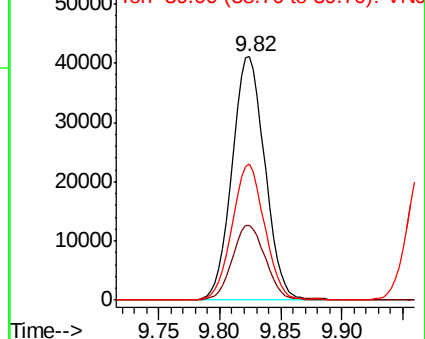
39 55.8 43.8 65.8

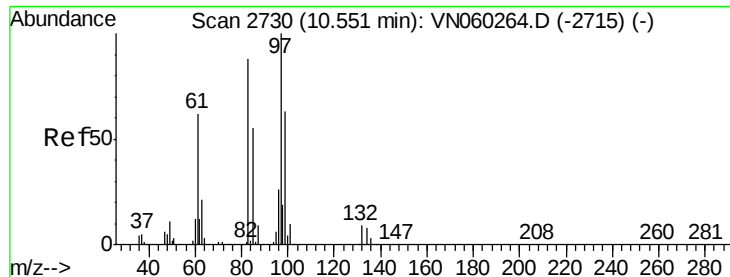


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

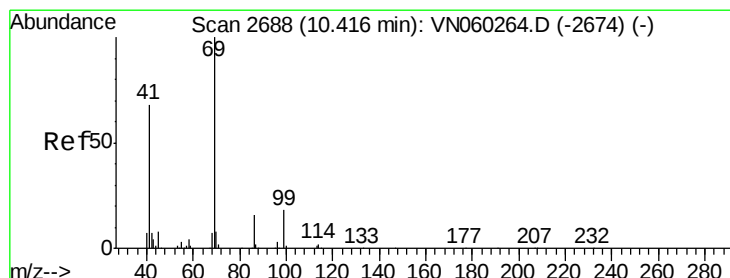
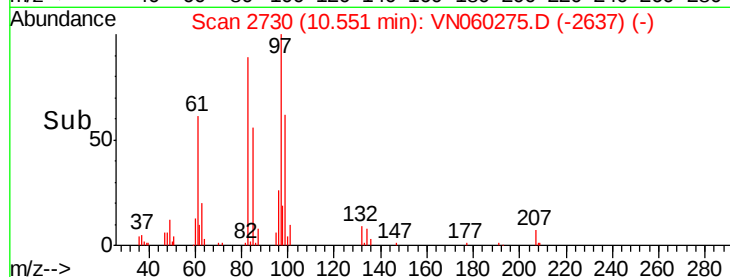
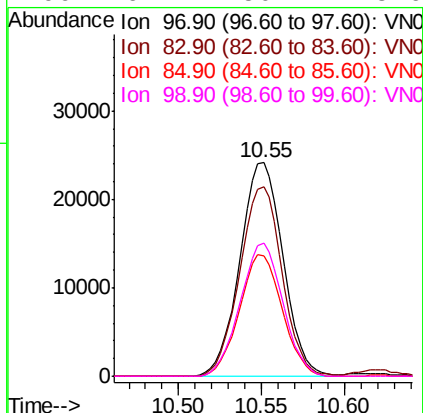
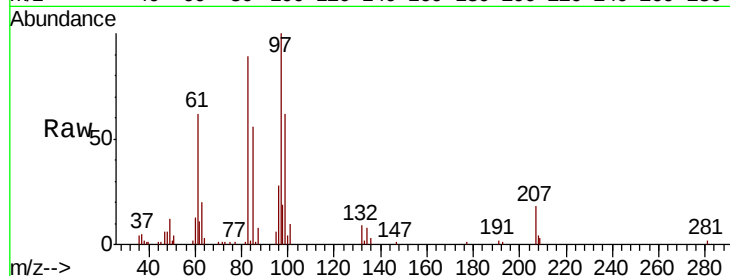




#55
 1,1,2-Trichloroethane
 Concen: 18.485 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

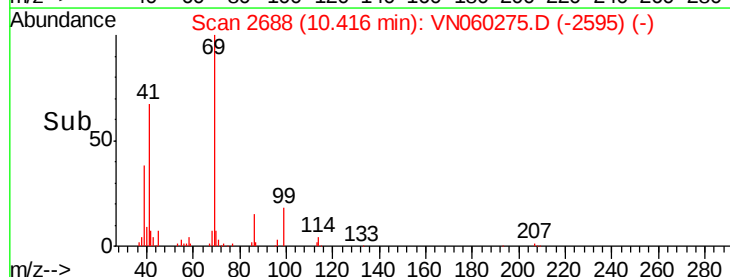
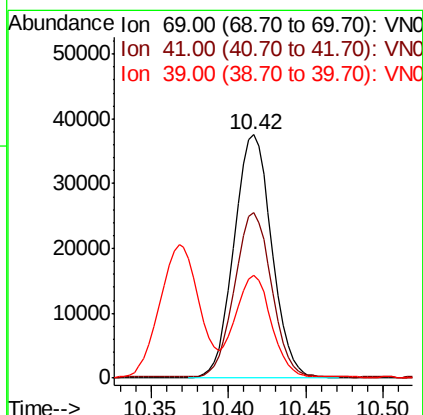
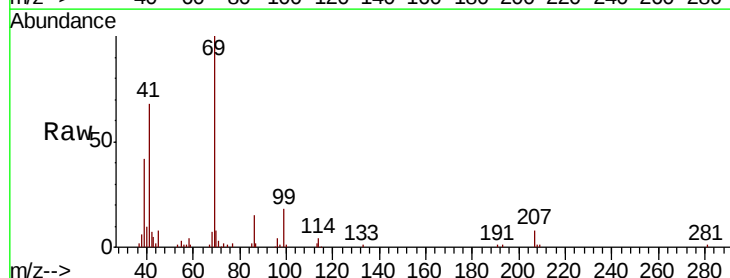
Instrument :
 MSVOA_N
 ClientSampleId :

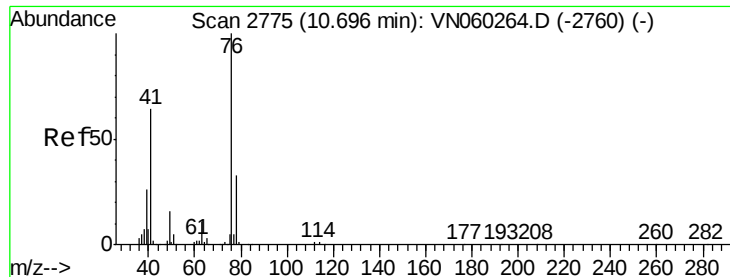
Tot Ion:	97	Resp:	43826
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.0	105.0
85	56.2	44.0	66.0
99	62.4	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 18.675 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion:	69	Resp:	63611
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.1	81.1
39	40.3	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.274 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

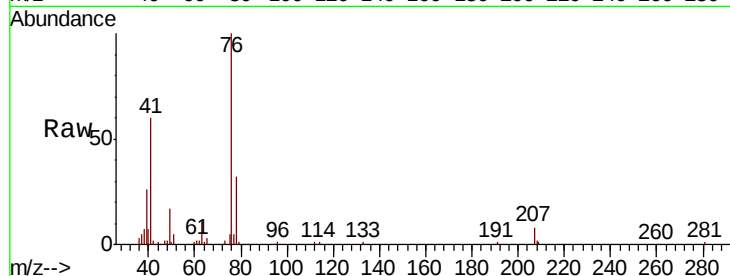
ClientSampleId :

Tot Ion: 76 Resp: 74522

Ion Ratio Lower Upper

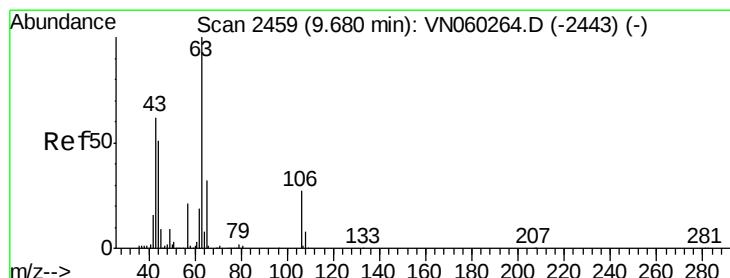
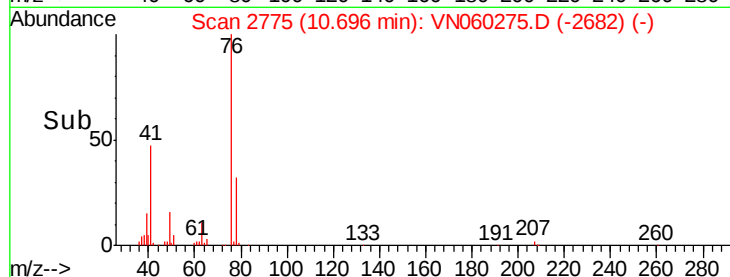
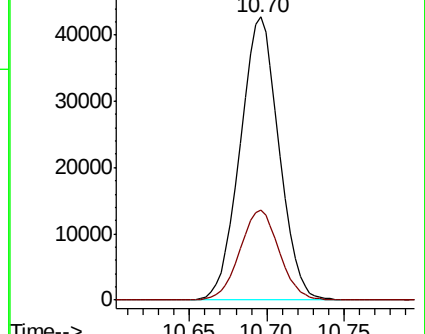
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060264.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN060264.D (-2760) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 94.194 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060275.D

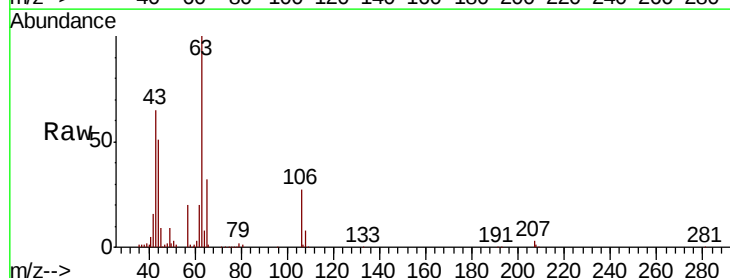
Acq: 28 Feb 2020 11:40

Tgt Ion: 63 Resp: 167801

Ion Ratio Lower Upper

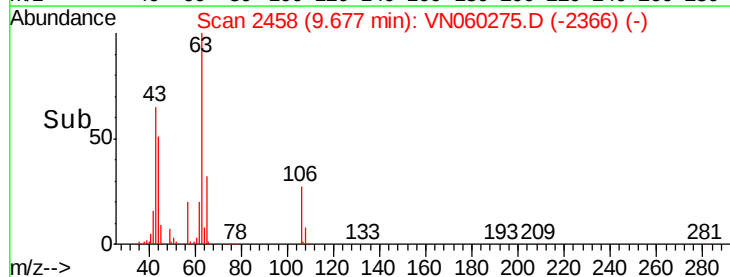
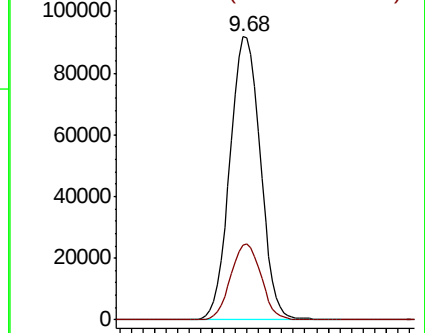
63 100

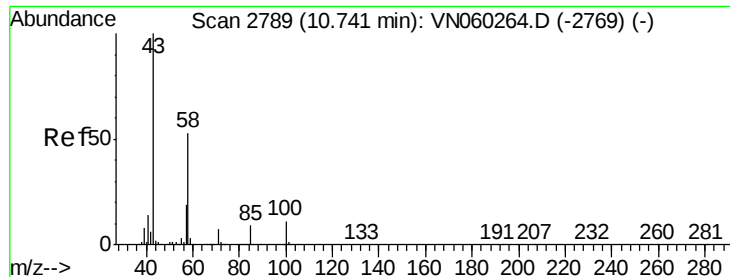
106 26.8 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060264.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN060264.D (-2443) (-)

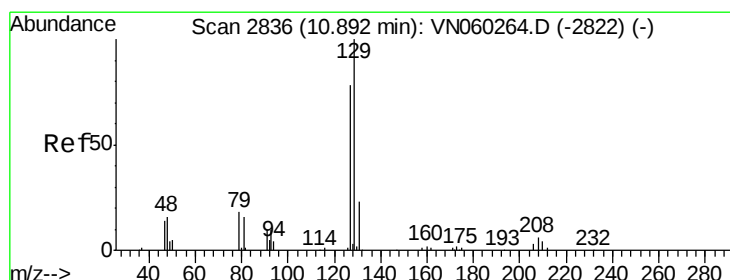
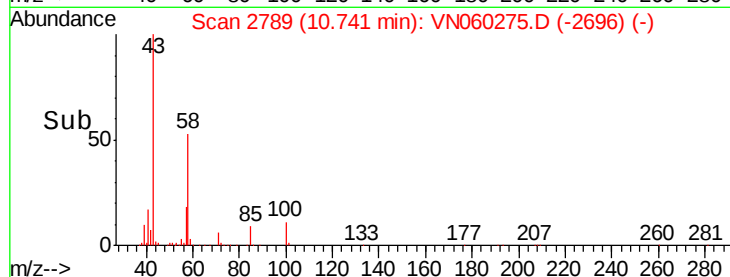
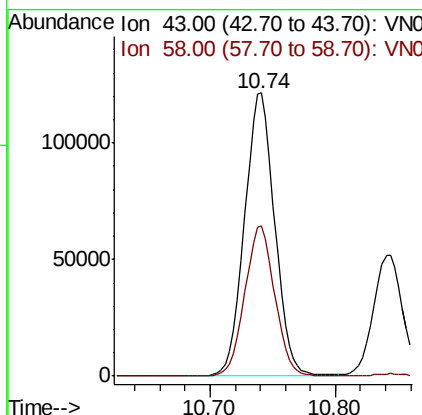
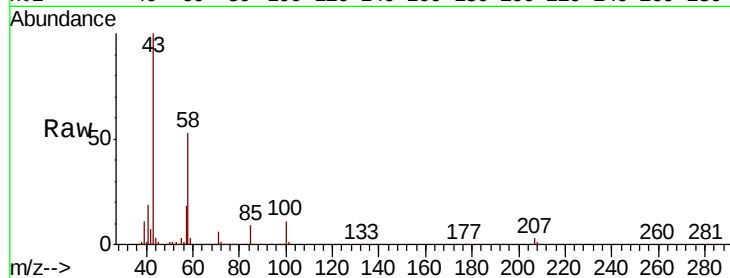




#59
2-Hexanone
Concen: 91.780 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

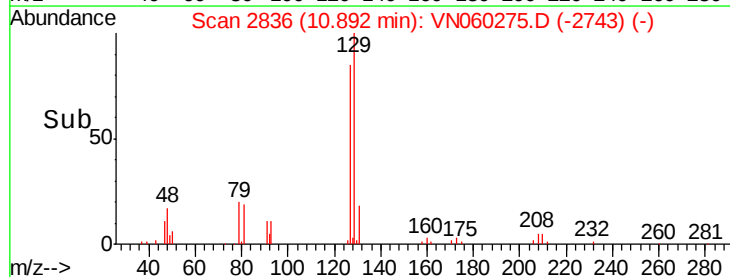
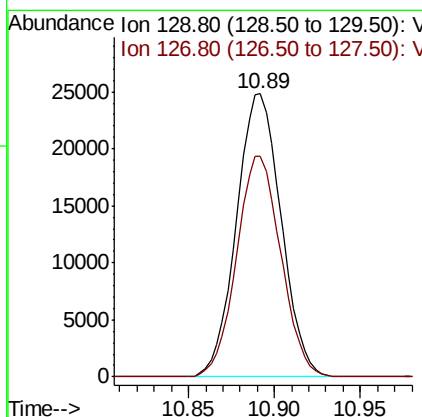
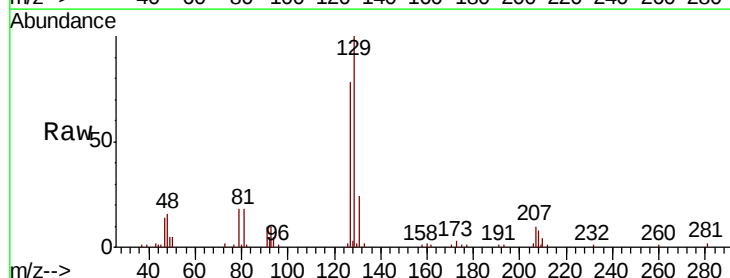
Instrument :
MSVOA_N
ClientSampled :

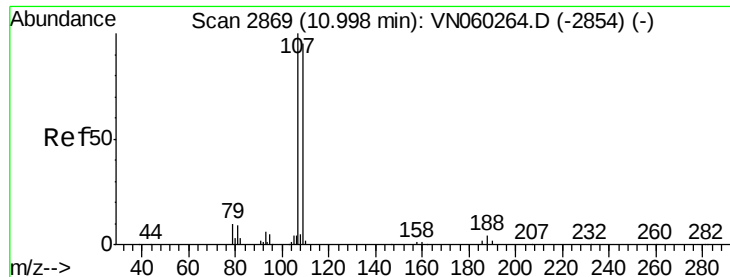
Tot Ion: 43 Resp: 204231
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.5



#60
Dibromochloromethane
Concen: 18.630 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion: 129 Resp: 44918
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.012 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

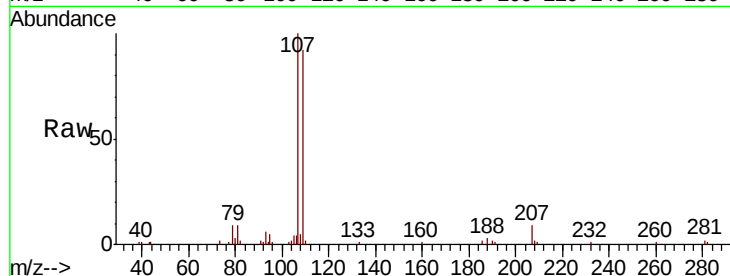
ClientSampled :

Tot Ion: 107 Resp: 43941

Ion Ratio Lower Upper

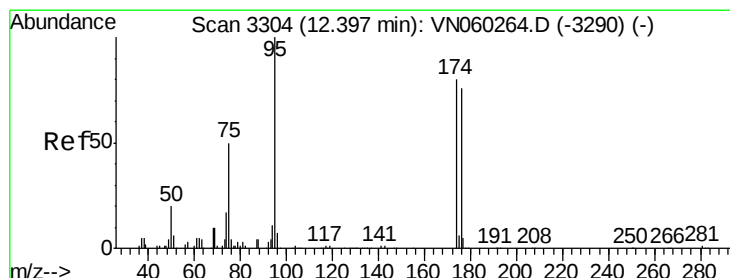
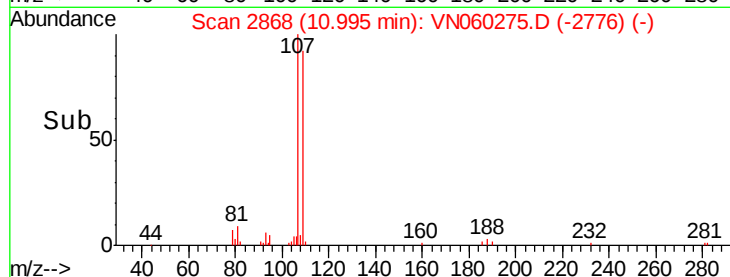
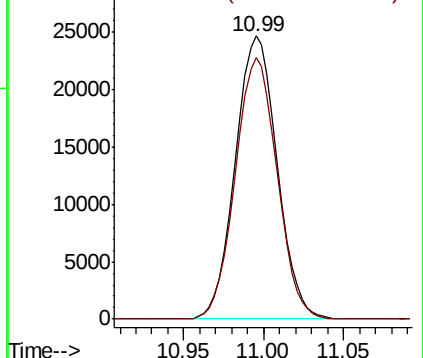
107 100

109 92.4 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.984 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

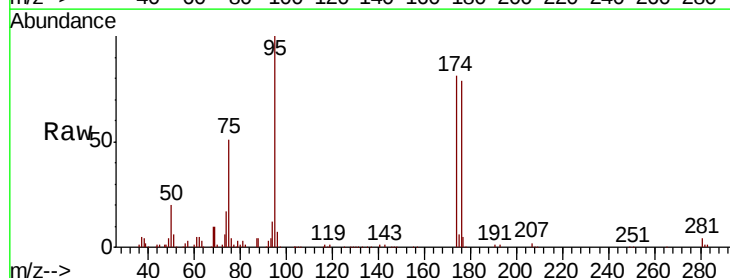
Tgt Ion: 95 Resp: 144581

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

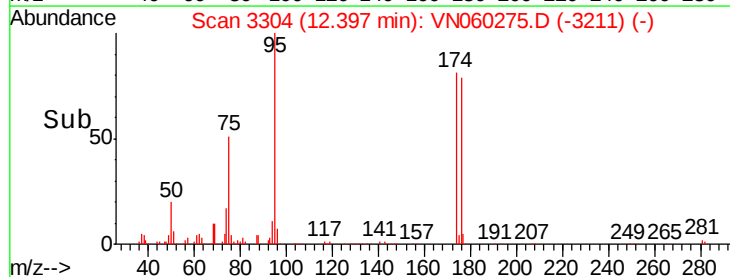
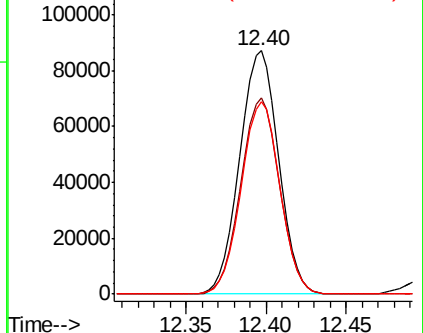
176 78.7 0.0 153.8

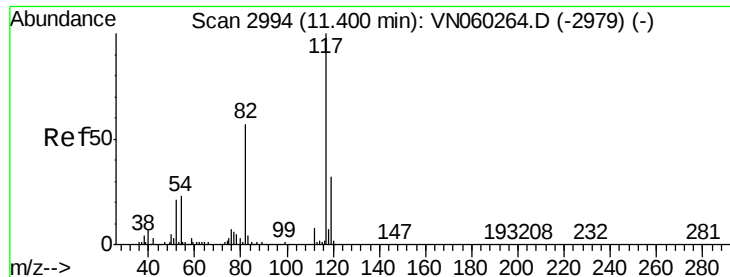


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

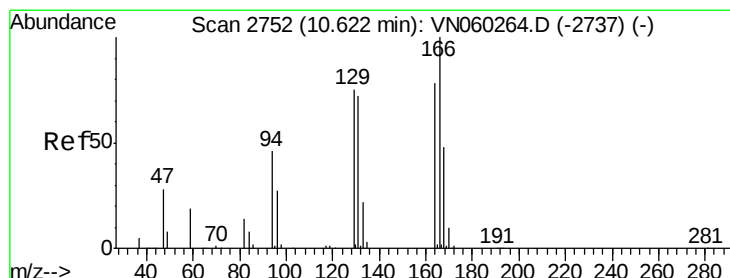
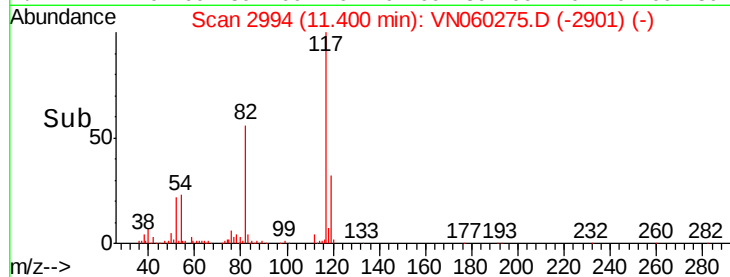
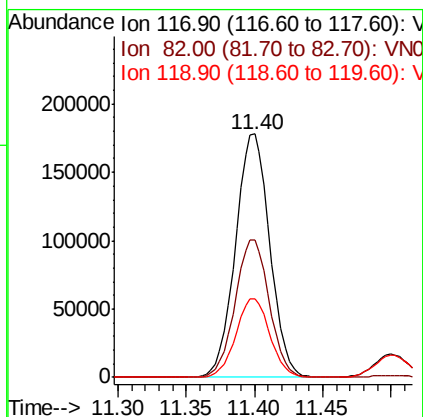
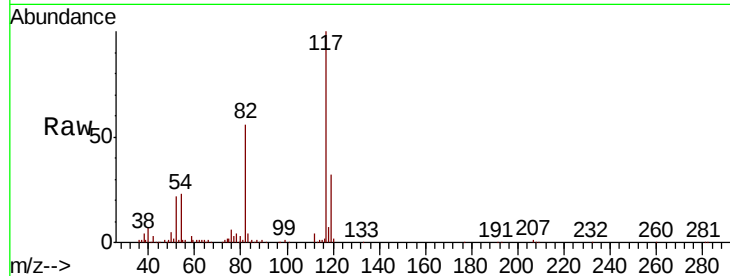




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

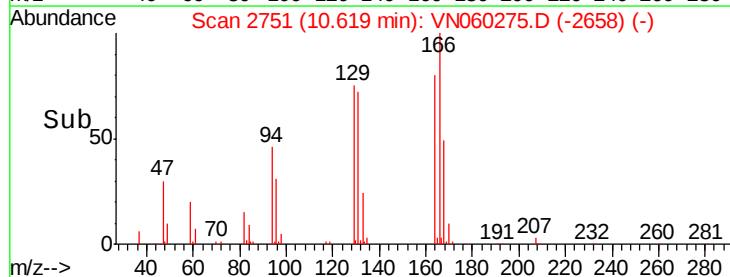
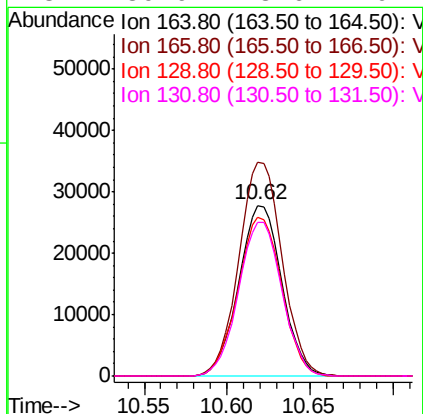
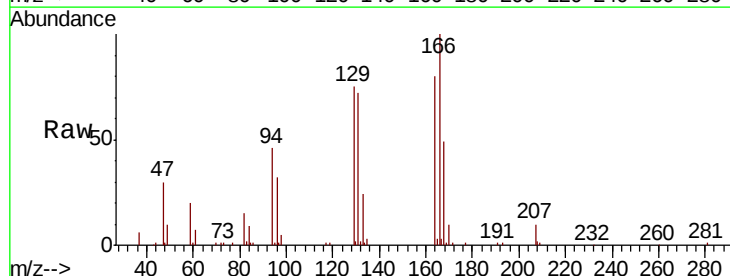
Instrument :
MSVOA_N
ClientSampled :

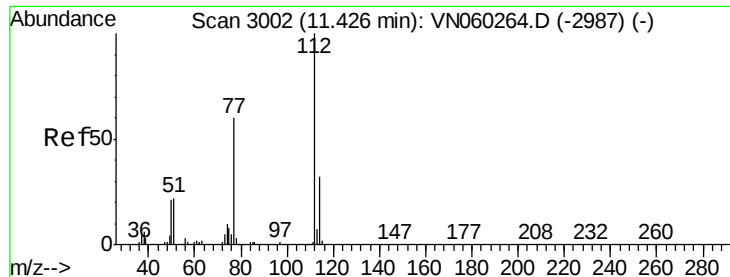
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.6
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 19.657 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	102.0	153.0
129	93.5	76.4	114.6
131	89.9	73.6	110.4





#65

Chlorobenzene

Concen: 18.096 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

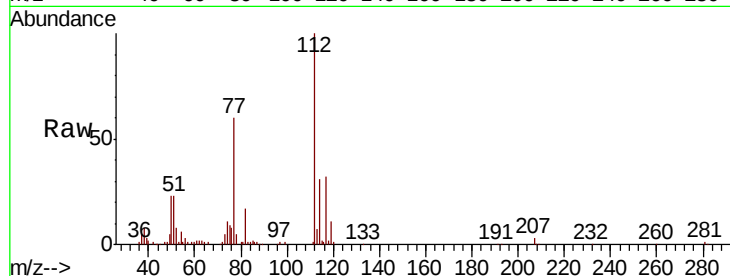
ClientSampled :

Tot Ion:112 Resp: 113379

Ion Ratio Lower Upper

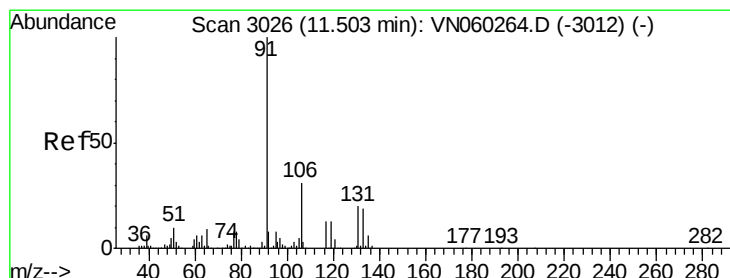
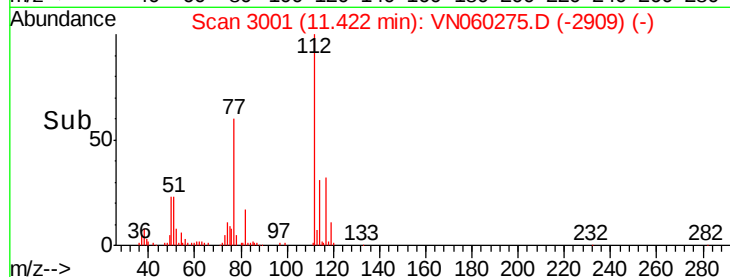
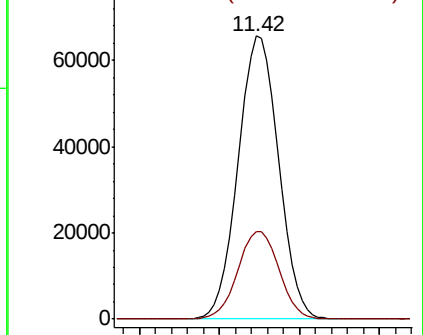
112 100

114 31.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.893 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

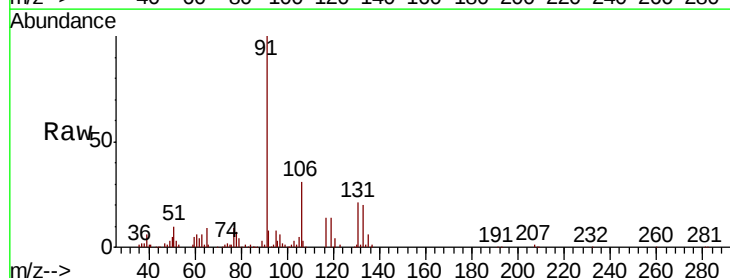
Tgt Ion:131 Resp: 43769

Ion Ratio Lower Upper

131 100

133 93.9 47.7 143.1

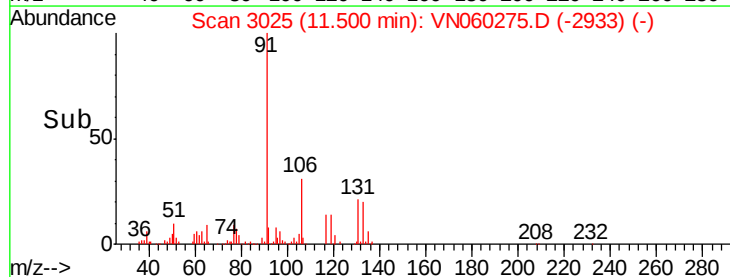
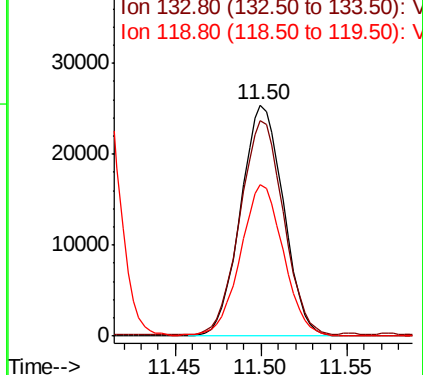
119 65.9 33.2 99.6

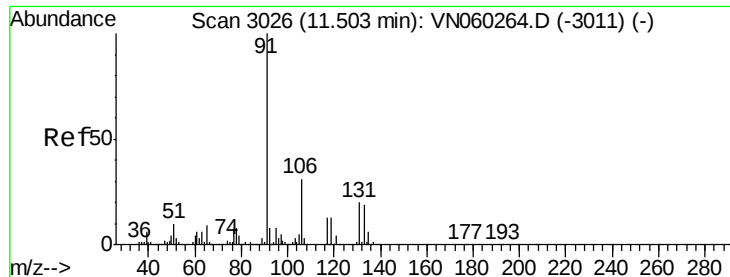


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.199 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

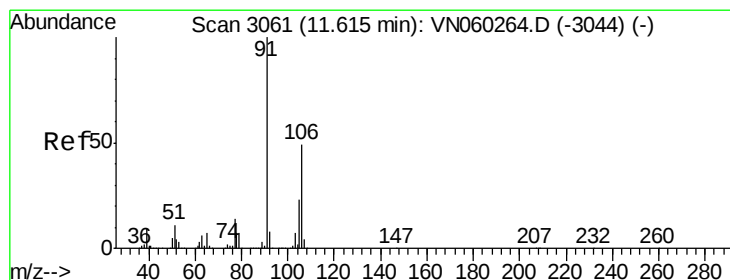
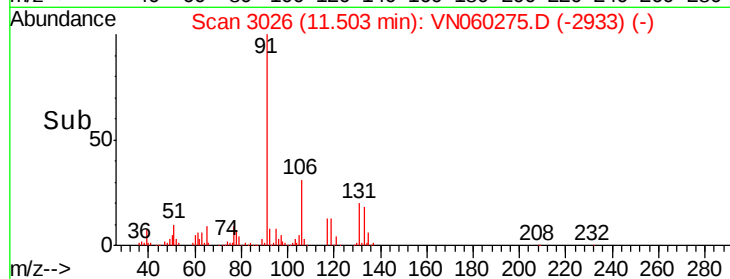
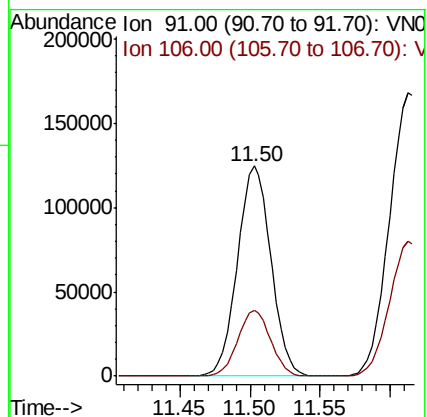
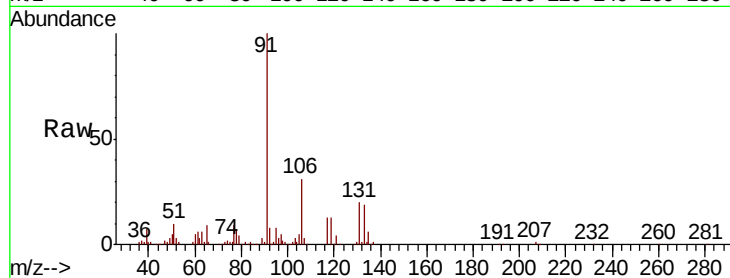
ClientSampleId :

Tot Ion: 91 Resp: 207645

Ion Ratio Lower Upper

91 100

106 31.3 24.7 37.1



#68

m/p-Xylenes

Concen: 35.848 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060275.D

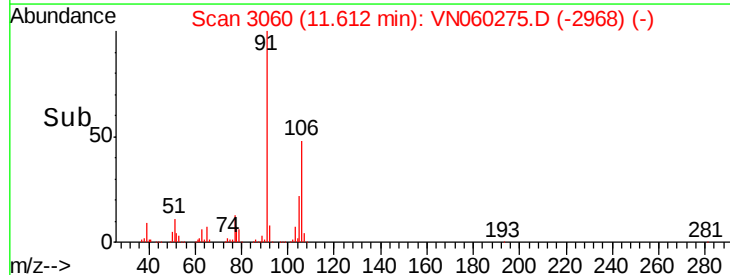
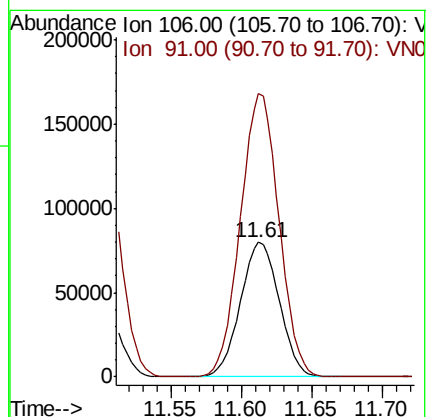
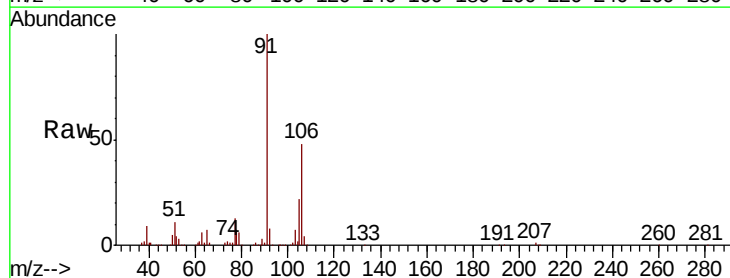
Acq: 28 Feb 2020 11:40

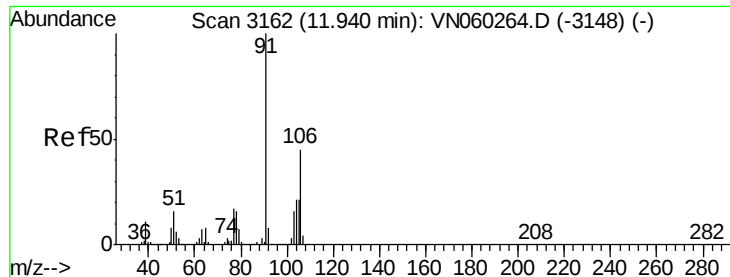
Tgt Ion: 106 Resp: 154322

Ion Ratio Lower Upper

106 100

91 208.5 164.5 246.7

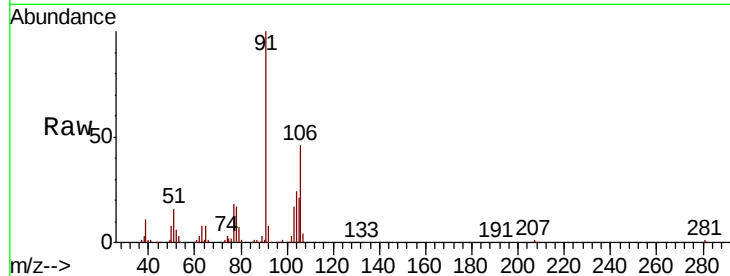




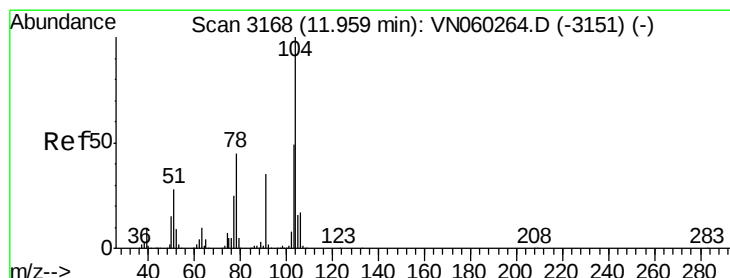
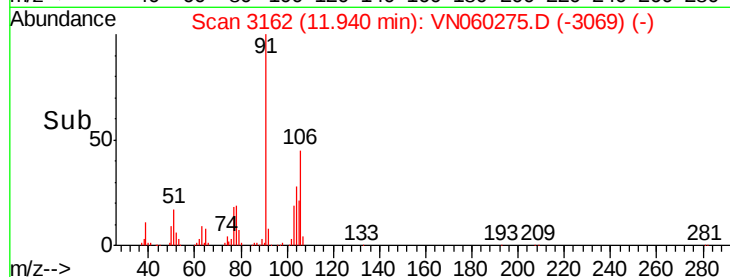
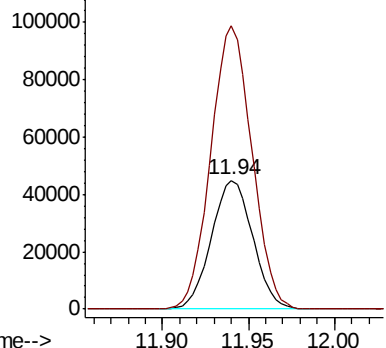
#69
o-Xylene
Concen: 18.252 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 74924
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4

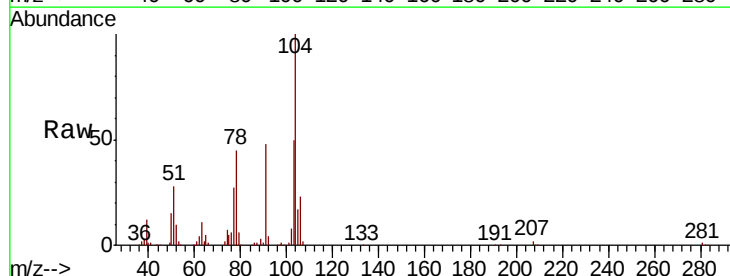


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

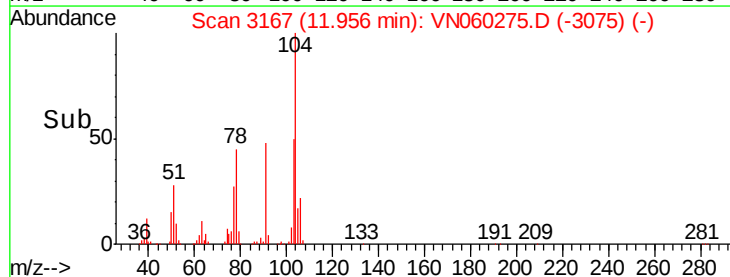
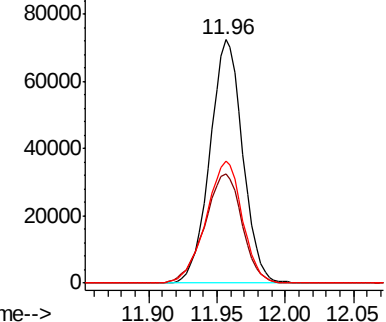


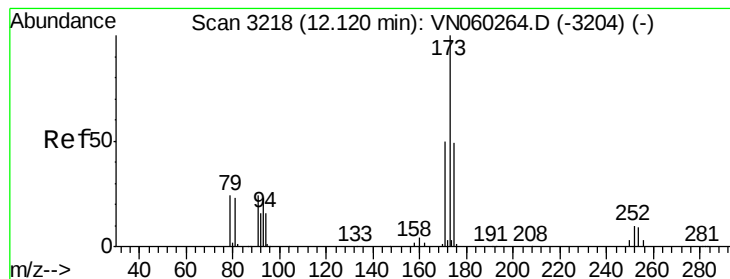
#70
Styrene
Concen: 17.921 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion:104 Resp: 120950
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.218 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

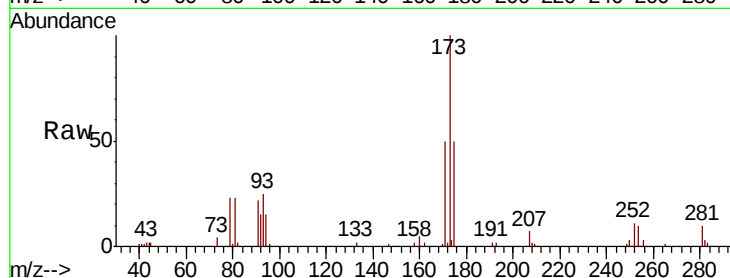
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:173 Resp: 30417

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.0	0.0	0.0

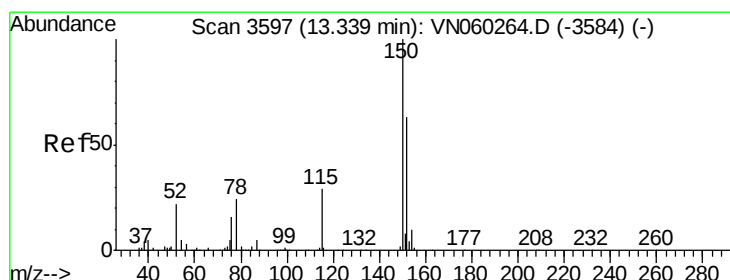
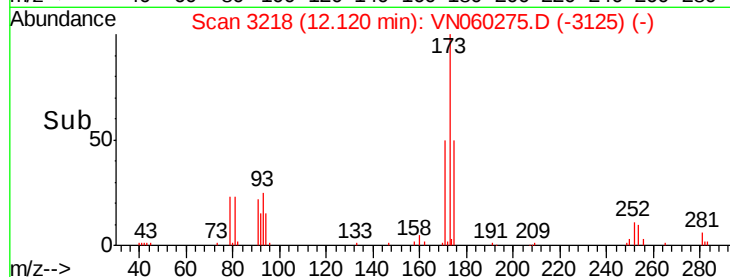
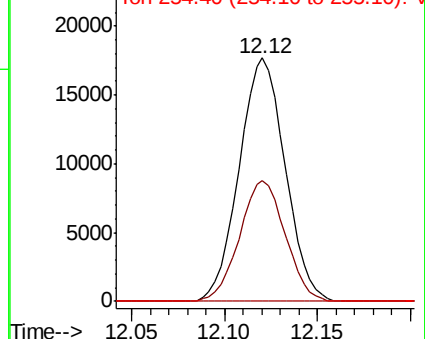


Abundance

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

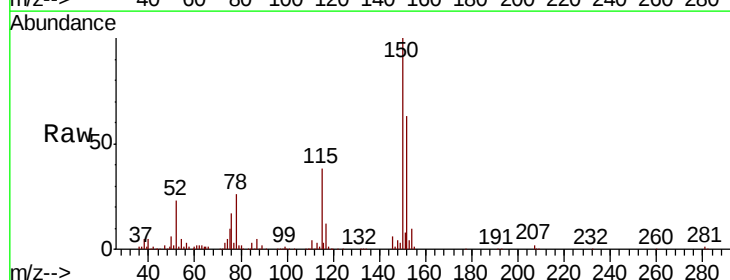
Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Tgt Ion:152 Resp: 150003

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.0	90.0
150	162.3	0.0	349.6

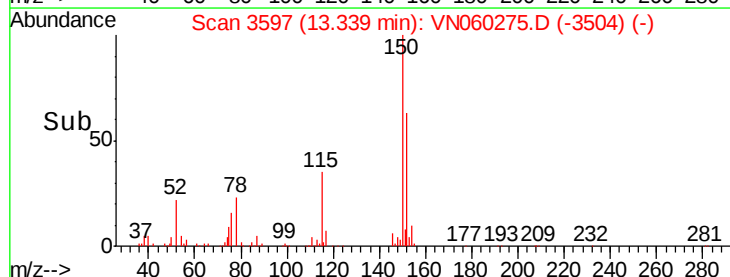
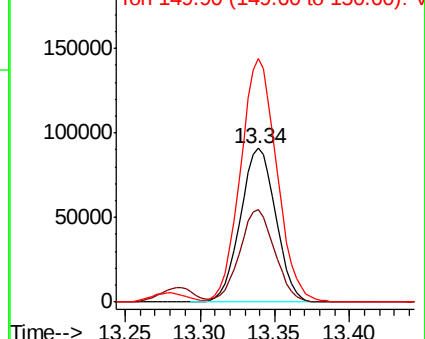


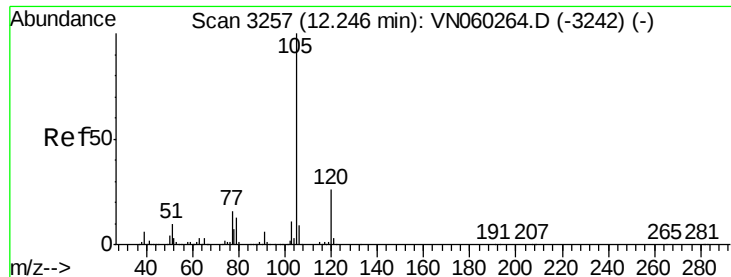
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.202 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

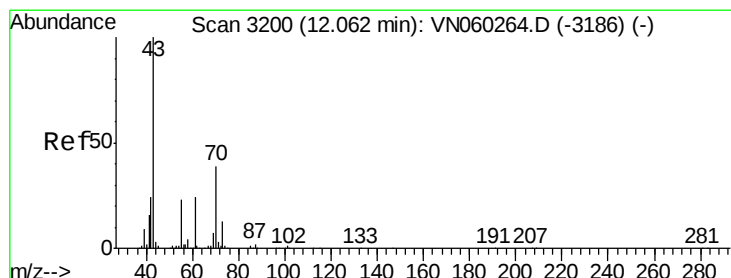
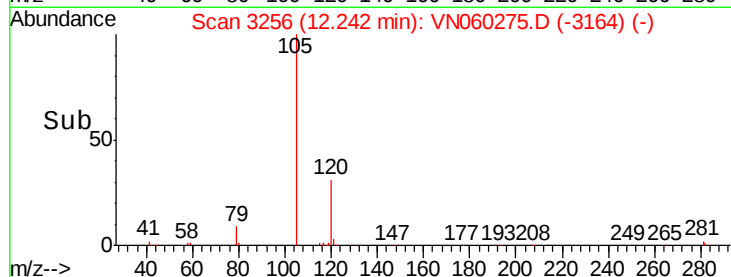
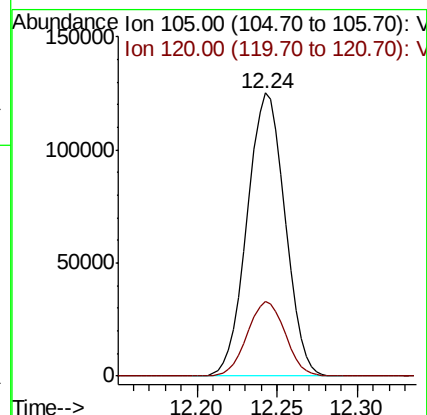
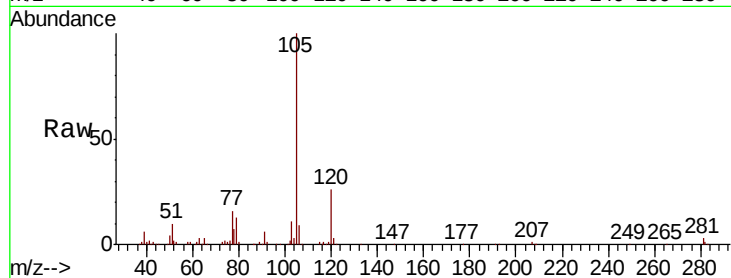
ClientSampled :

Tot Ion:105 Resp: 202366

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 17.792 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Tgt Ion: 43 Resp: 86437

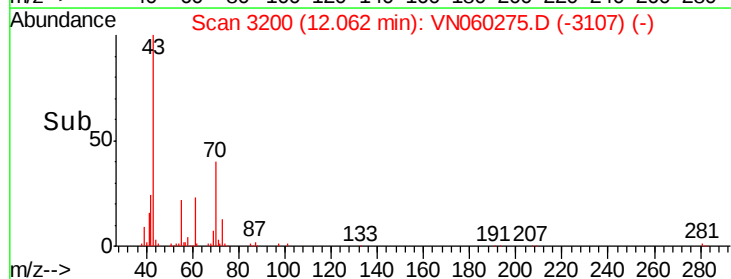
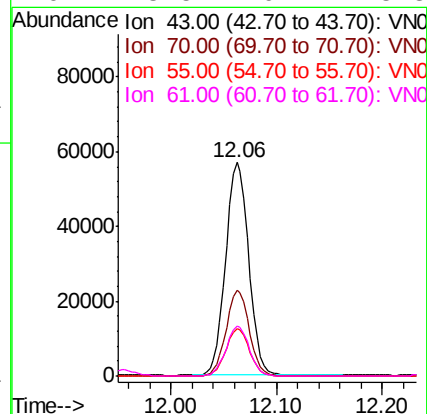
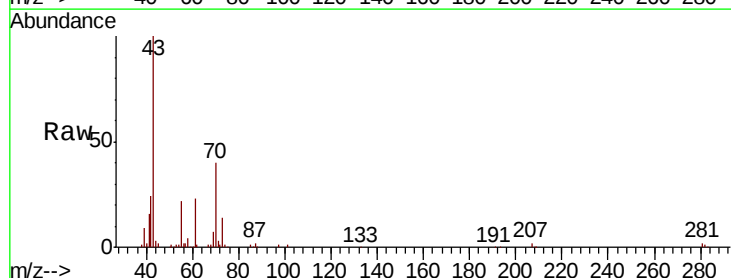
Ion Ratio Lower Upper

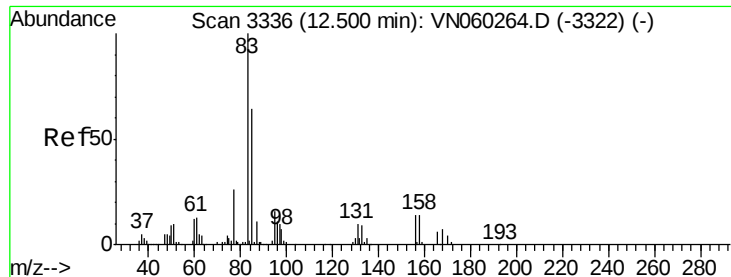
43 100

70 40.0 32.2 48.2

55 22.7 18.2 27.4

61 23.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.389 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

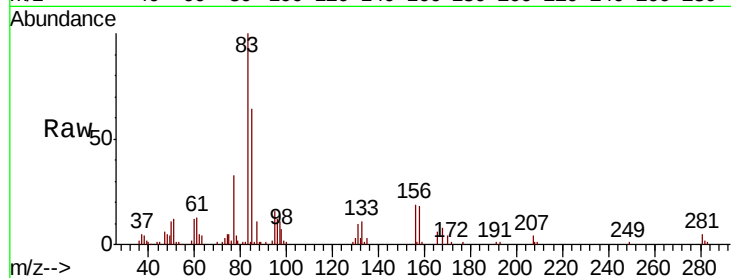
Tot Ion: 83 Resp: 55575

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

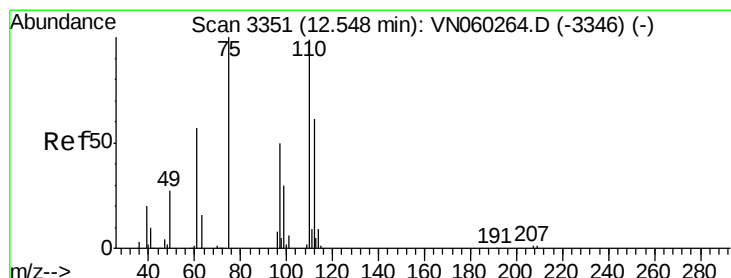
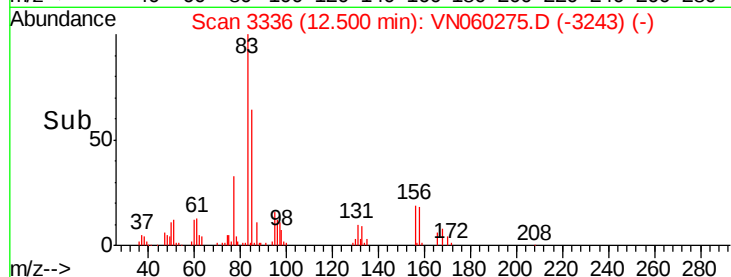
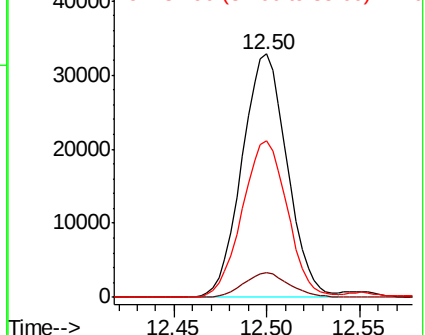
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060275.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060275.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060275.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 24.506 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060275.D

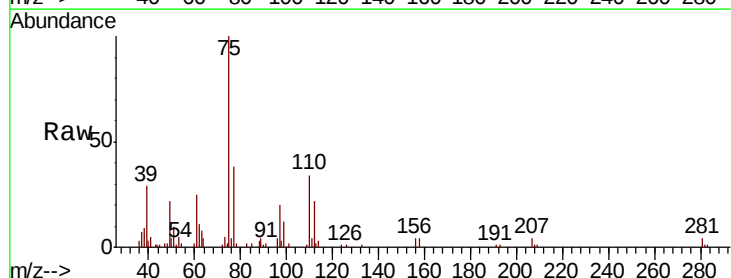
Acq: 28 Feb 2020 11:40

Tgt Ion: 75 Resp: 80651

Ion Ratio Lower Upper

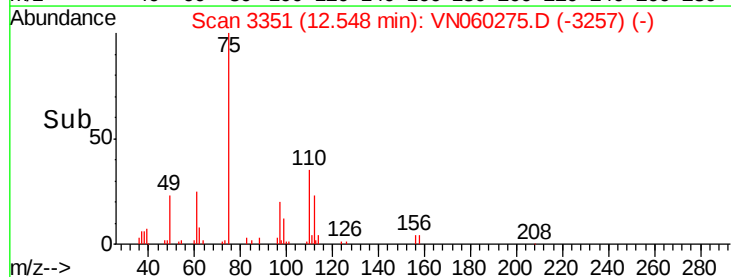
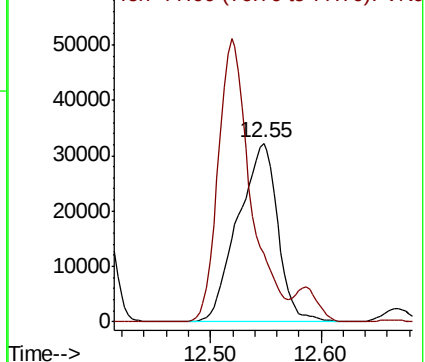
75 100

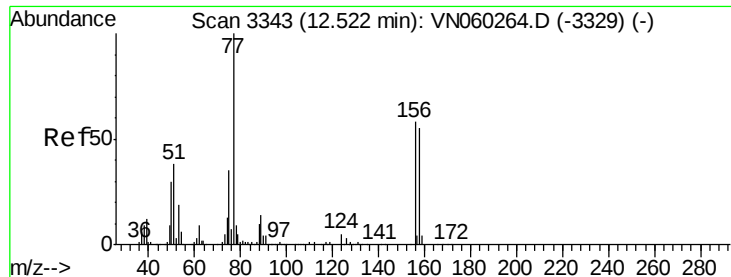
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060275.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060275.D (-3257) (-)





#77

Bromobenzene

Concen: 18.197 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

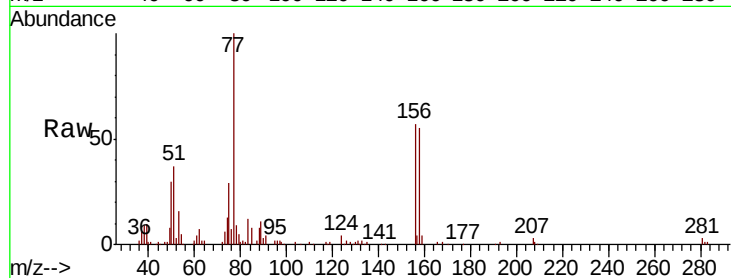
Tot Ion:156 Resp: 49592

Ion Ratio Lower Upper

156 100

77 210.0 106.1 318.3

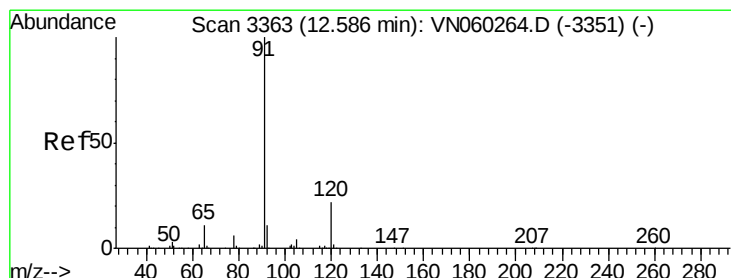
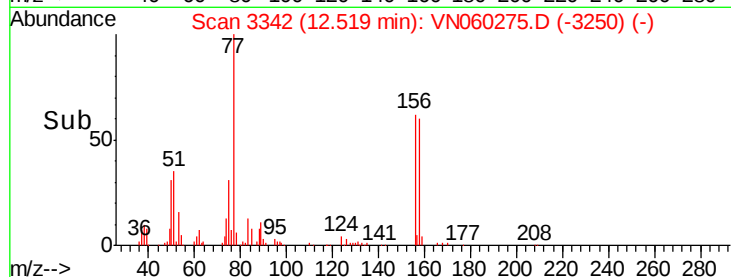
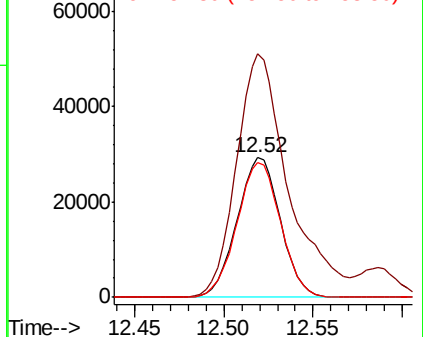
158 97.4 48.3 144.8



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: 18.136 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060275.D

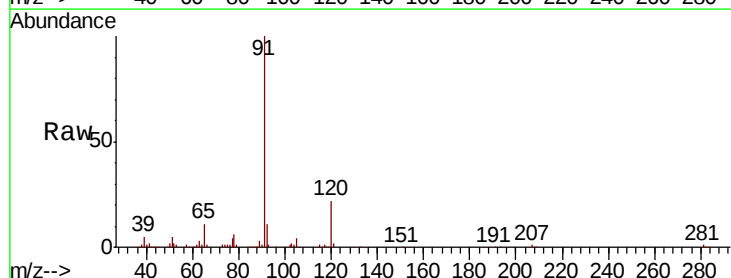
Acq: 28 Feb 2020 11:40

Tgt Ion: 91 Resp: 236356

Ion Ratio Lower Upper

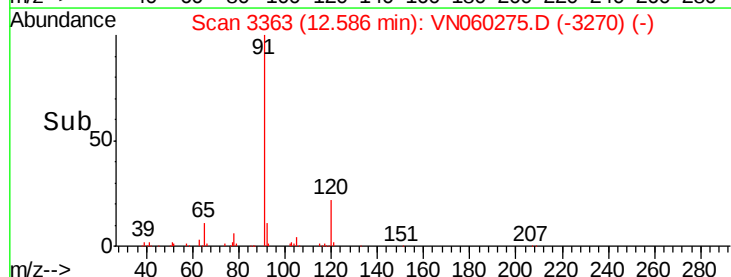
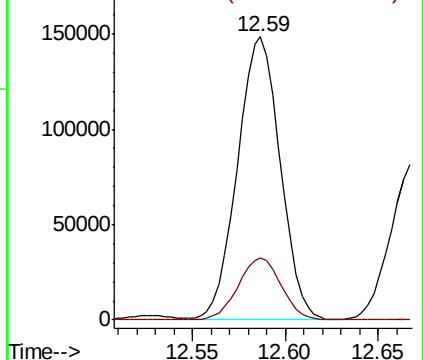
91 100

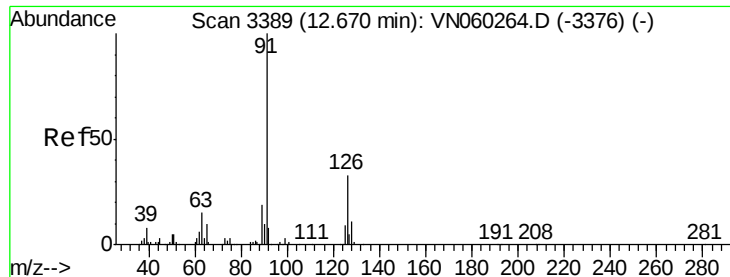
120 22.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

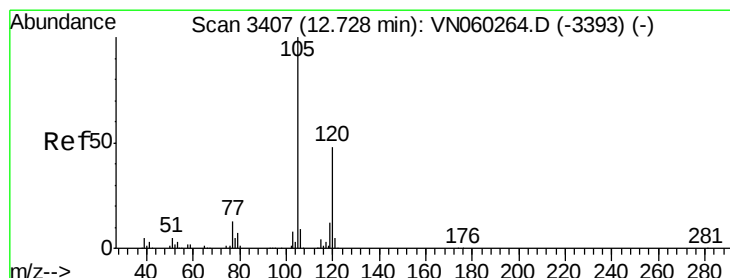
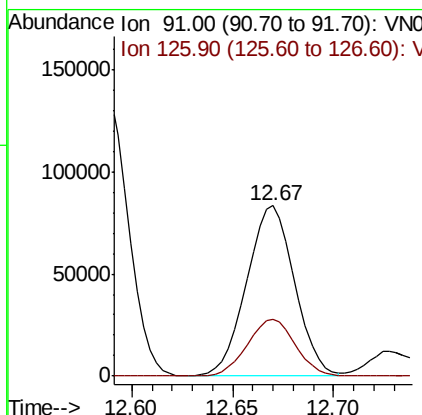
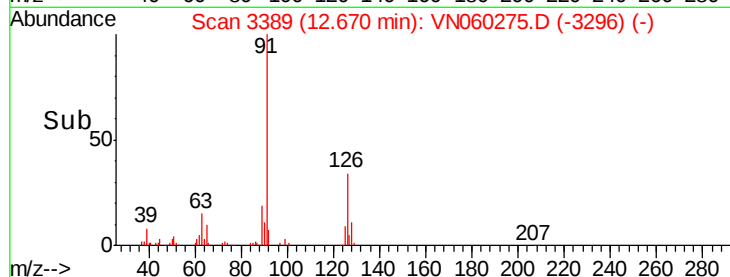
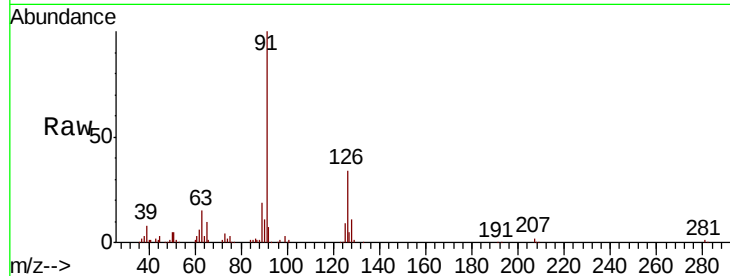




#79
 2-Chlorotoluene
 Concen: 18.050 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

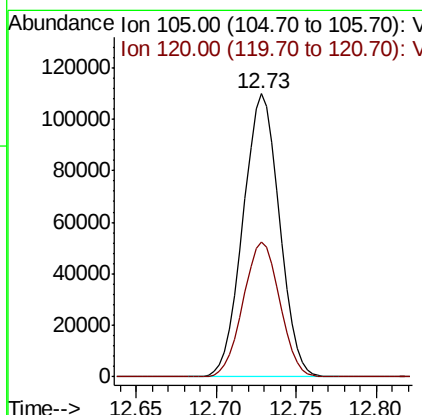
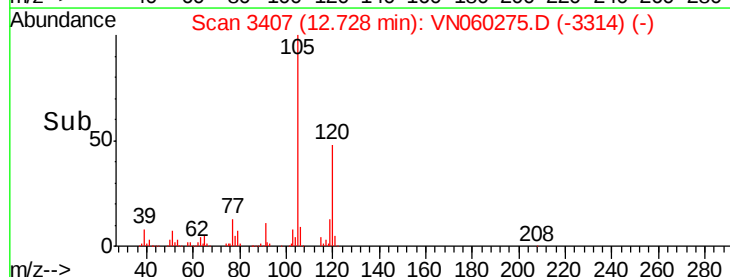
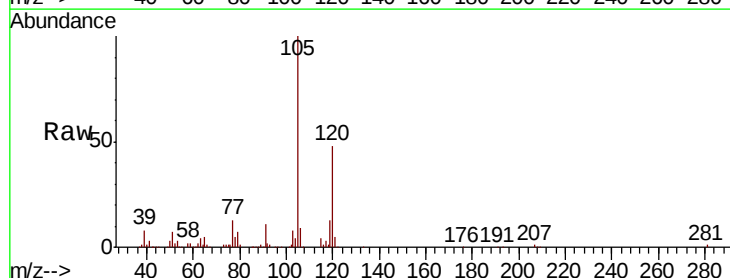
Instrument :
 MSVOA_N
 ClientSampled :

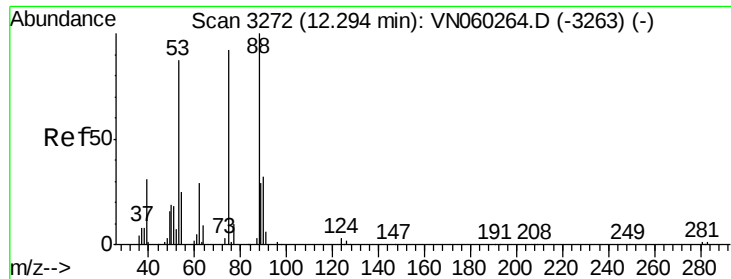
Tot Ion: 91 Resp: 138274
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.231 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion: 105 Resp: 170659
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.360 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

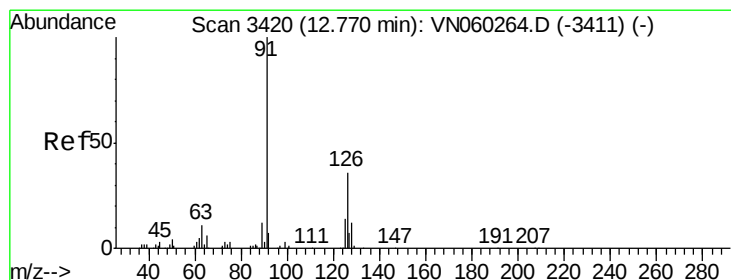
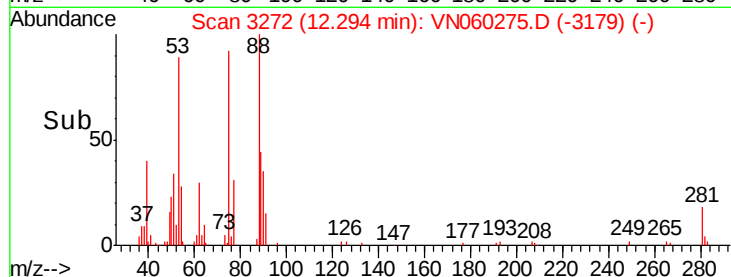
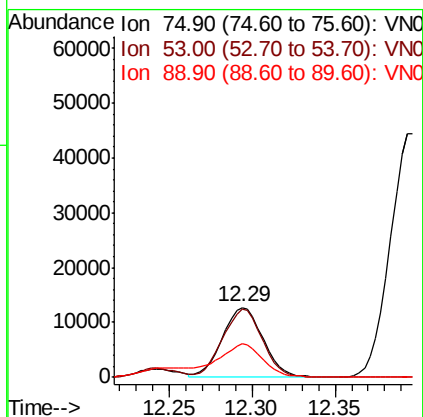
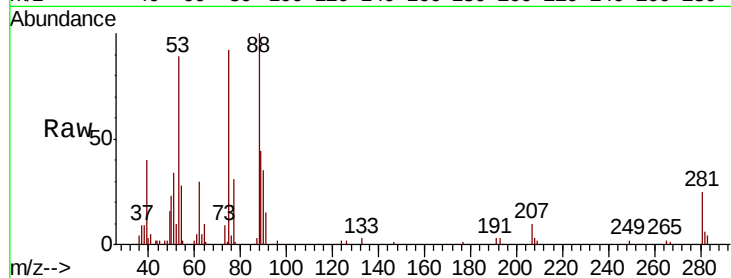
Tot Ion: 75 Resp: 21889

Ion Ratio Lower Upper

75 100

53 95.0 73.8 110.6

89 52.0 57.1 85.7#



#82

4-Chlorotoluene

Concen: 17.954 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060275.D

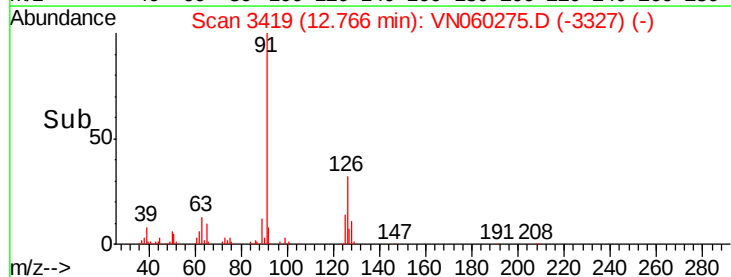
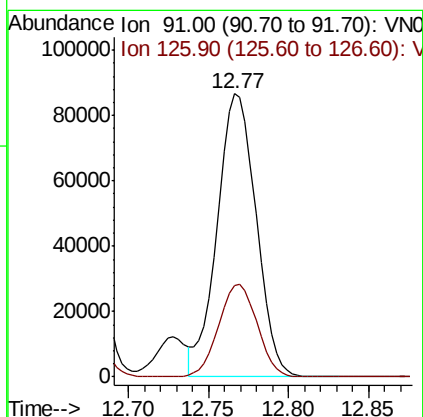
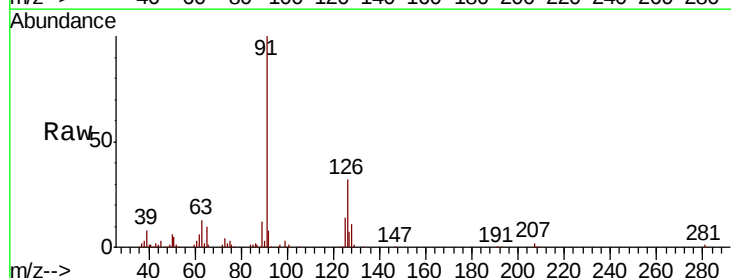
Acq: 28 Feb 2020 11:40

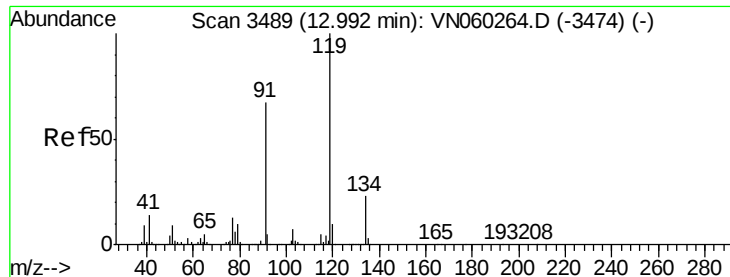
Tgt Ion: 91 Resp: 144913

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1

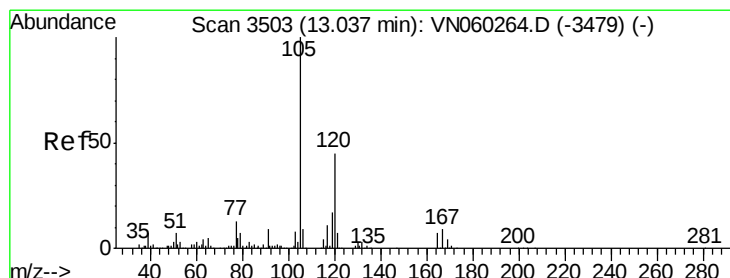
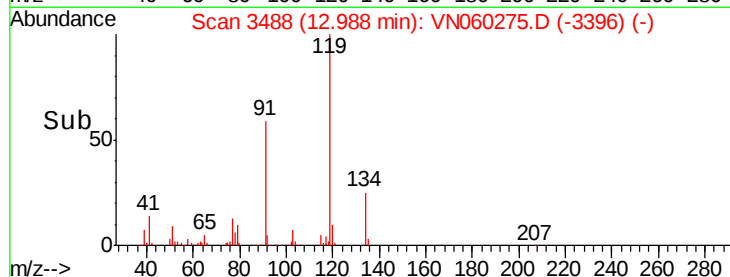
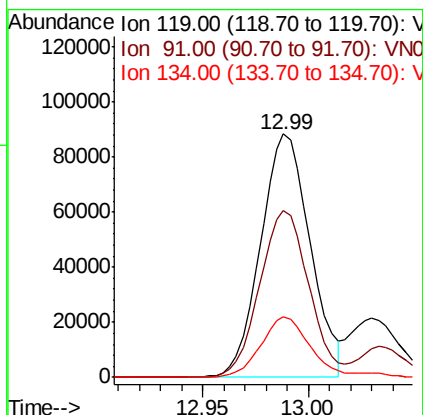
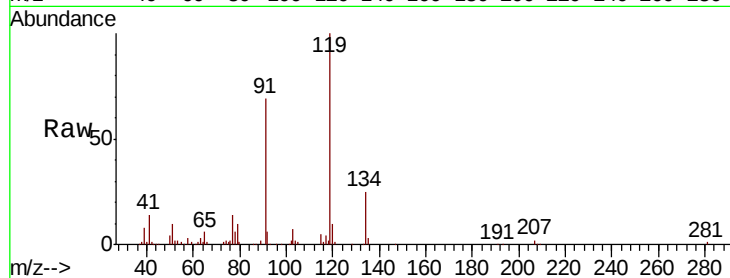




#83
tert-Butylbenzene
Concen: 17.810 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

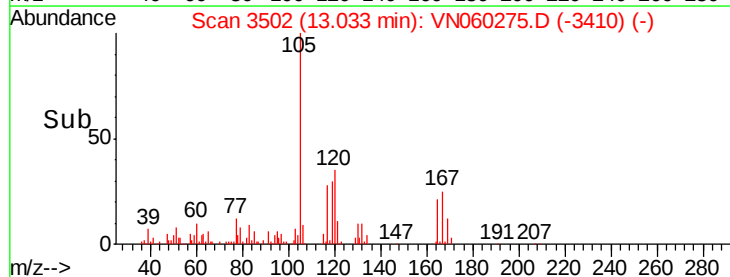
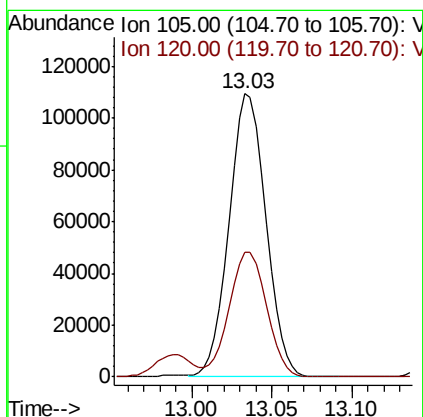
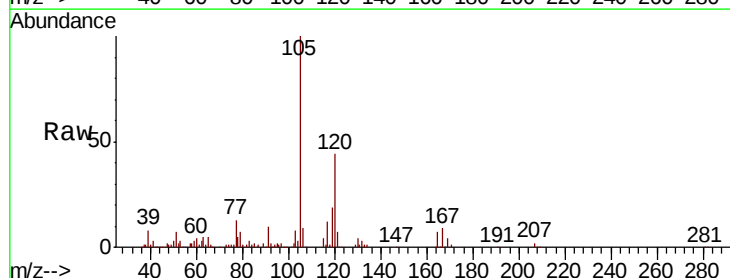
Instrument :
MSVOA_N
ClientSampled :

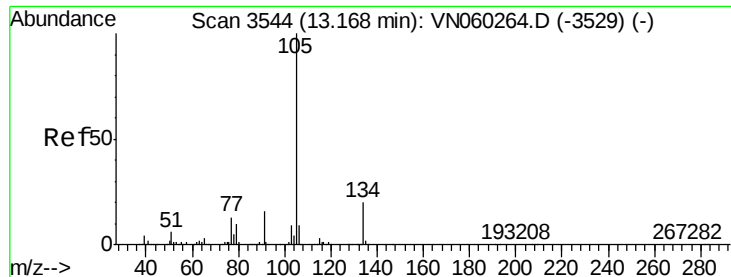
Tot Ion:119 Resp: 144340
Ion Ratio Lower Upper
119 100
91 68.0 33.1 99.2
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.168 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion:105 Resp: 171657
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9

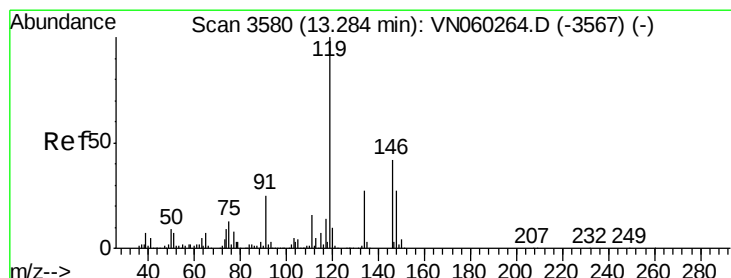
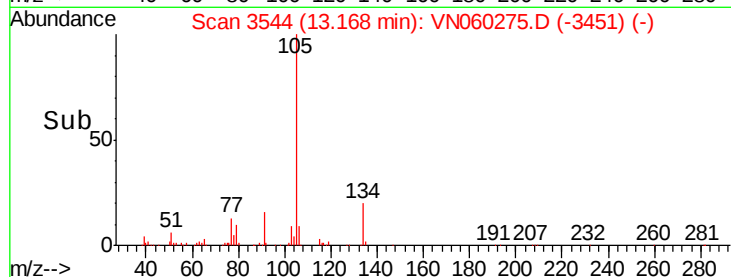
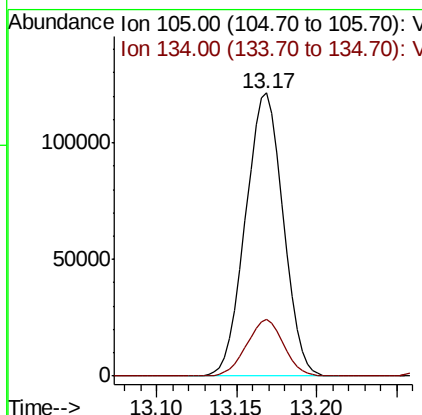
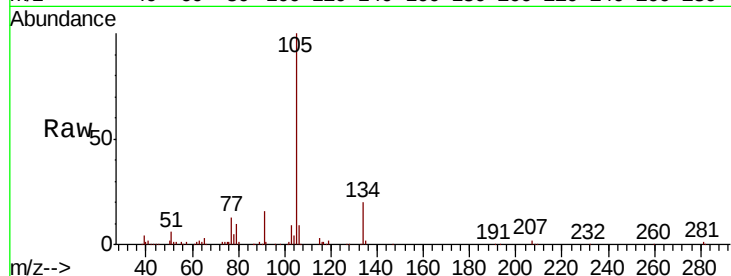




#85
 sec-Butylbenzene
 Concen: 18.060 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

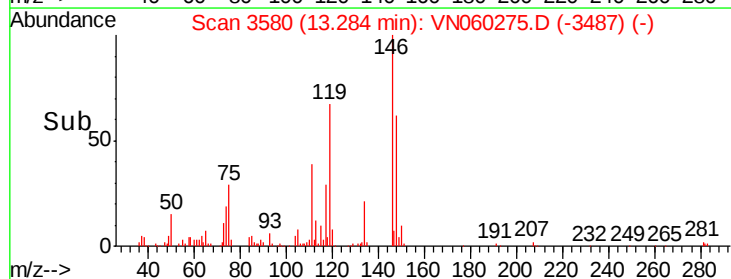
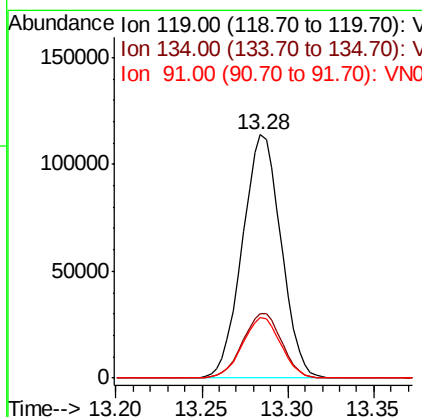
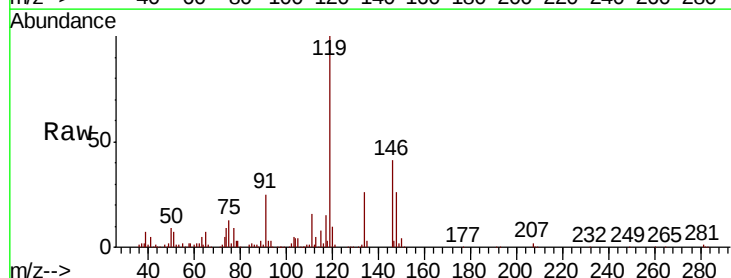
Instrument :
 MSVOA_N
 ClientSampled :

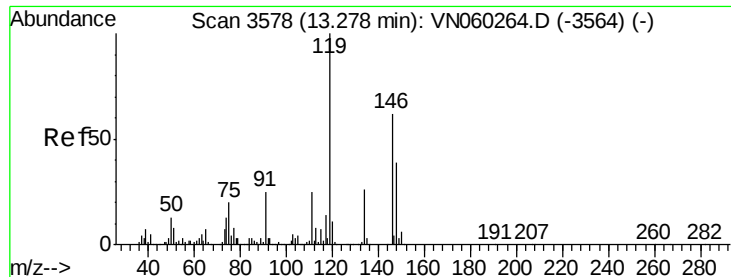
Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5



#86
 p-Isopropyltoluene
 Concen: 17.630 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.6
91	24.6	12.2	36.6

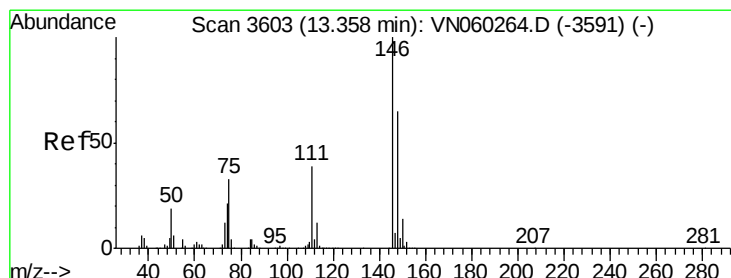
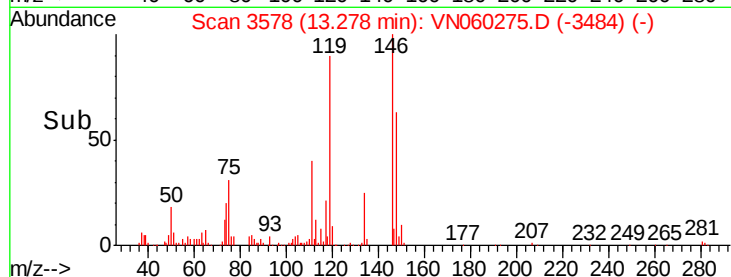
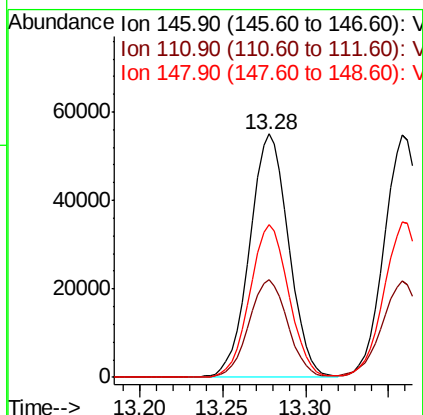
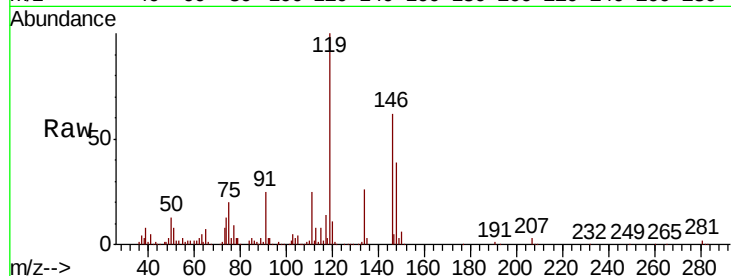




#87
 1,3-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

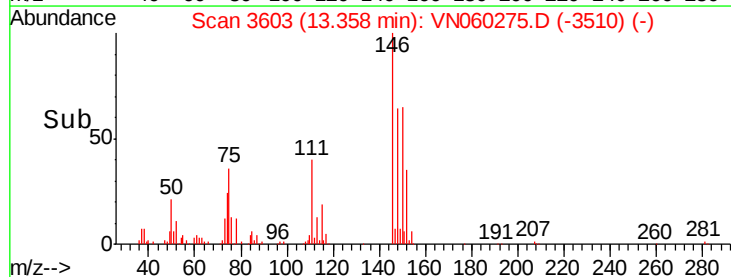
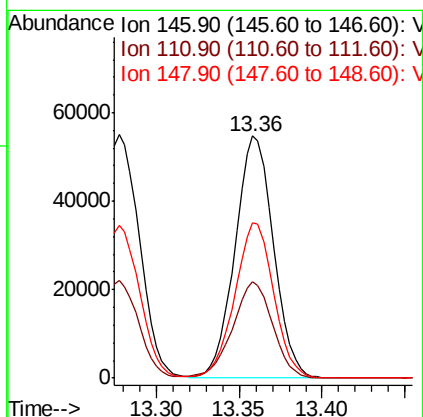
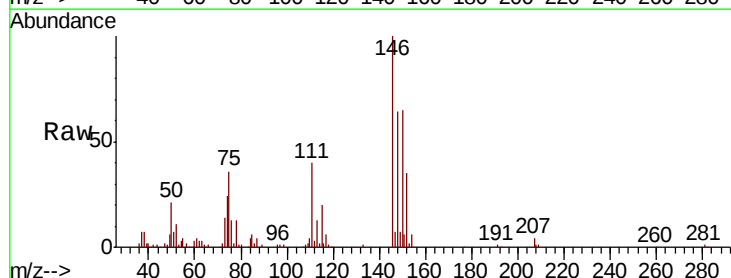
Instrument :
 MSVOA_N
 ClientSampled :

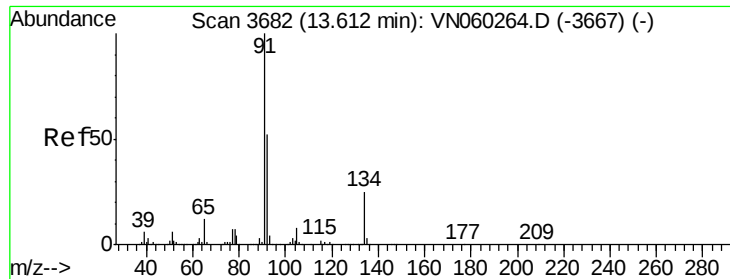
Tot Ion:146 Resp: 90174
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 62.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.732 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion:146 Resp: 88228
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.8 59.4
 148 64.7 32.3 96.9





#89

n-Butylbenzene

Concen: 17.669 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

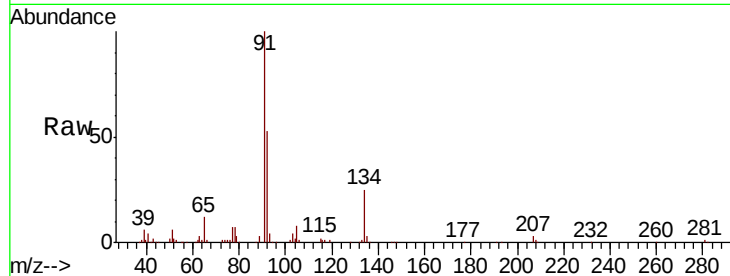
Tot Ion: 91 Resp: 162925

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

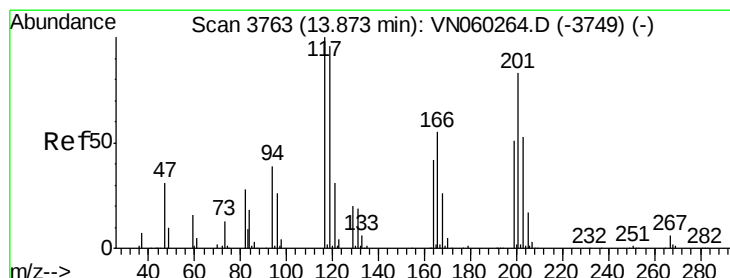
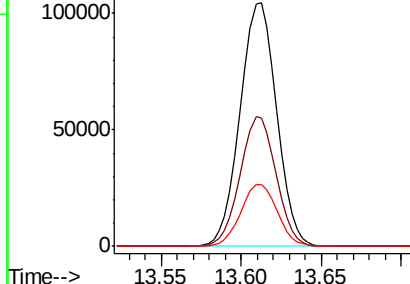
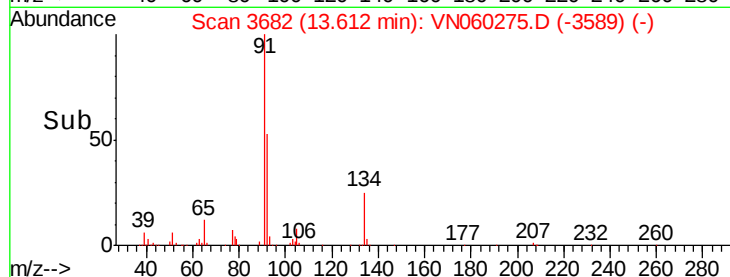
134 25.5 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN060275.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN060275.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN060275.D (-3589) (-)



#90

Hexachloroethane

Concen: 17.424 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060275.D

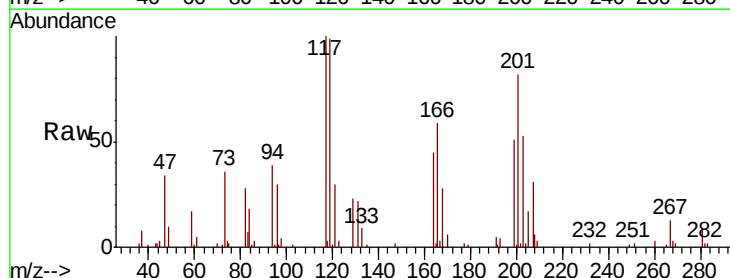
Acq: 28 Feb 2020 11:40

Tgt Ion: 117 Resp: 25335

Ion Ratio Lower Upper

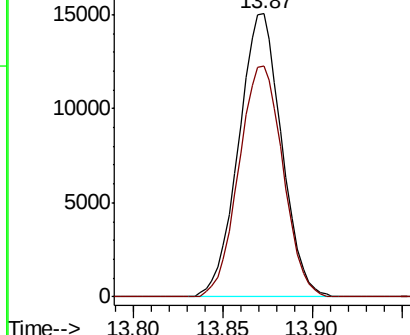
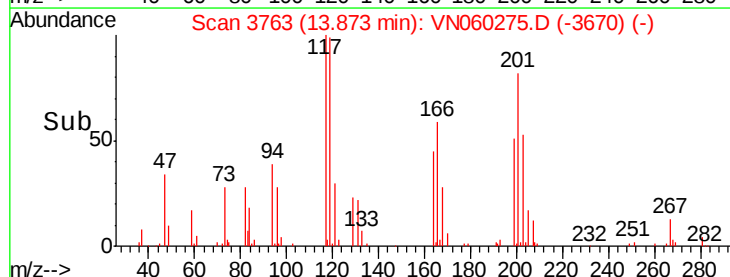
117 100

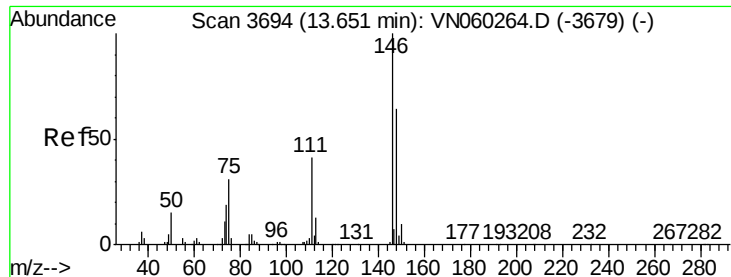
201 83.6 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060275.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN060275.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 17.610 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060275.D

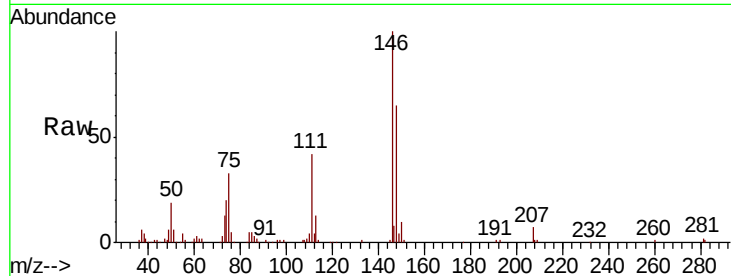
Acq: 28 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

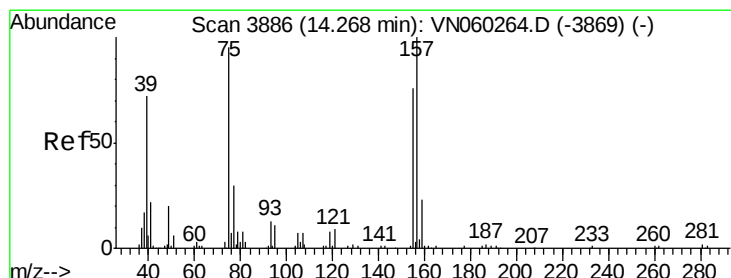
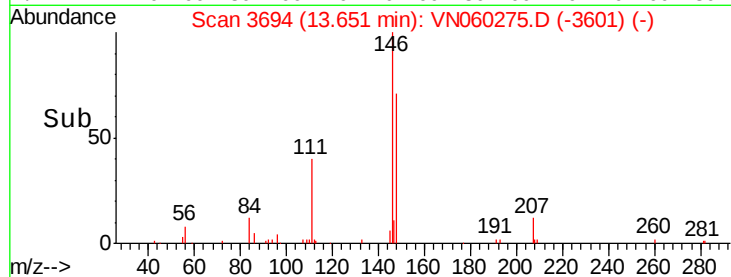
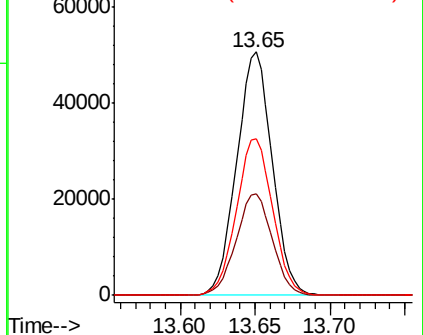
Tot Ion:	146	Resp:	84095
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	65.5	31.8	95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.692 ug/l

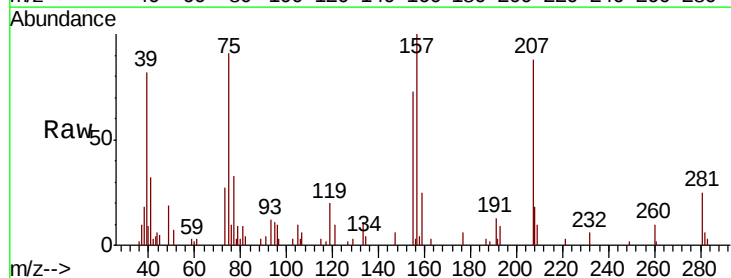
RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN060275.D

Acq: 28 Feb 2020 11:40

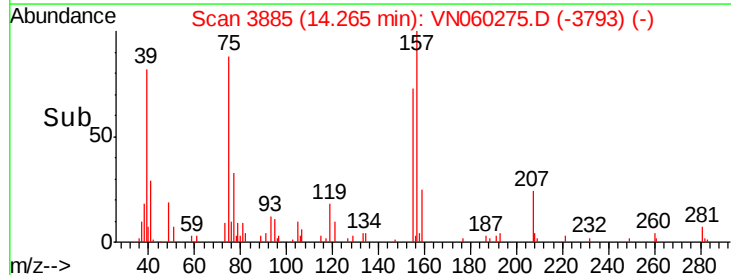
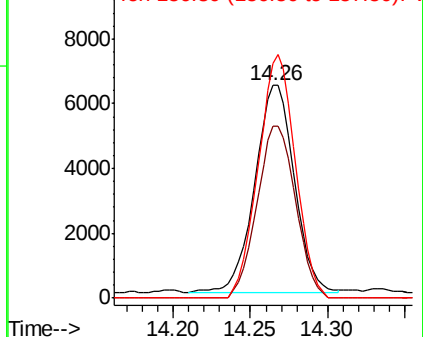
Tgt Ion:	75	Resp:	11424
Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.4	121.2
157	108.8	52.5	157.5

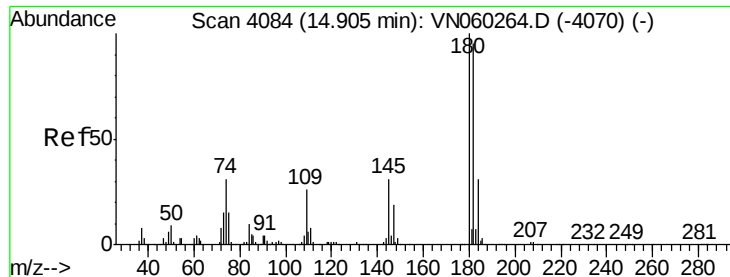


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

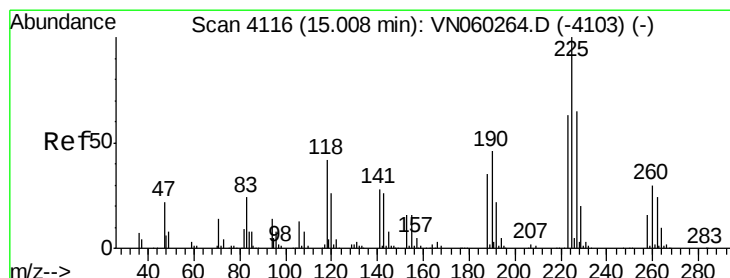
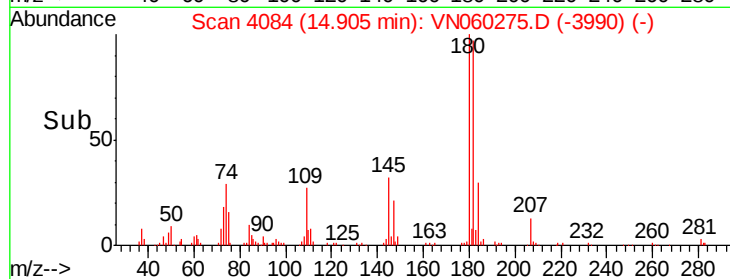
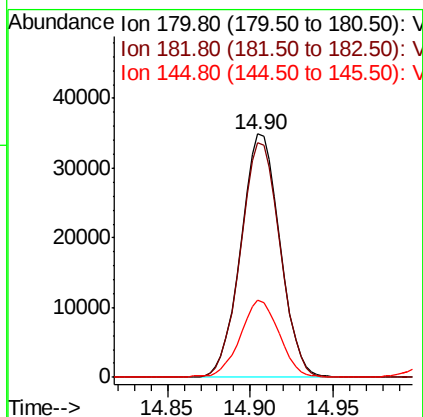
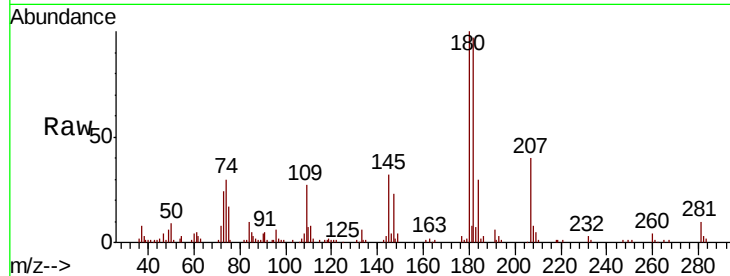




#93
 1,2,4-Trichlorobenzene
 Concen: 18.894 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

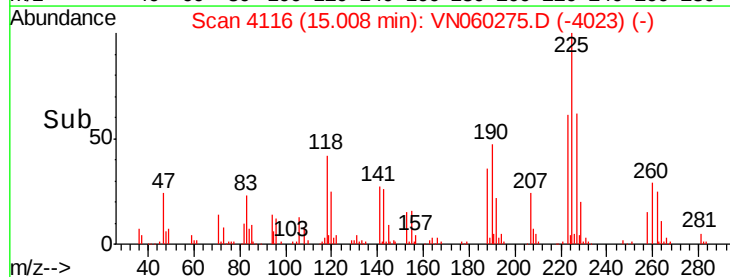
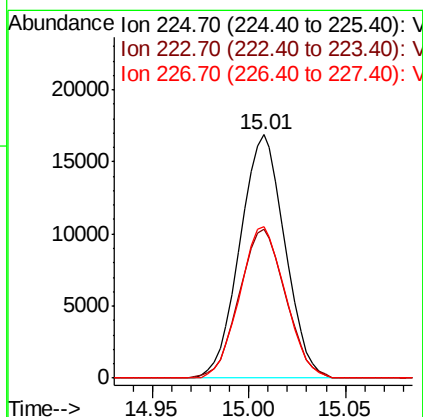
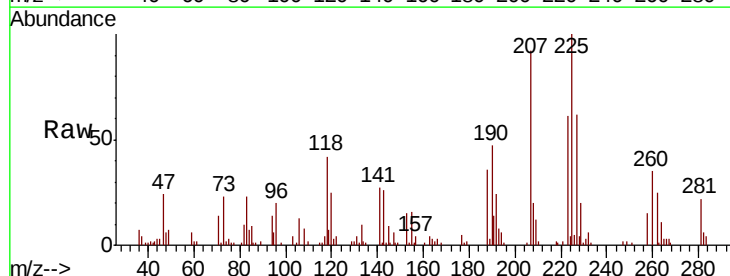
Instrument :
 MSVOA_N
 ClientSampled :

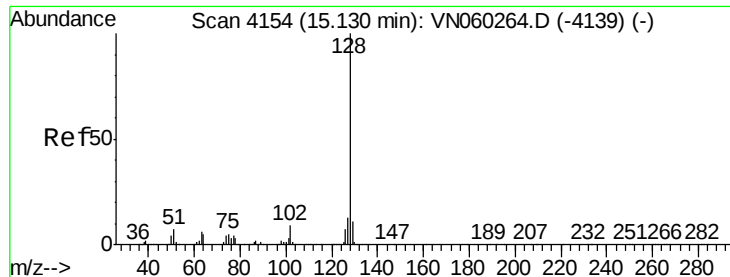
Tot Ion:180 Resp: 57164
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.8 143.3
 145 31.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.182 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060275.D
 Acq: 28 Feb 2020 11:40

Tgt Ion:225 Resp: 27248
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.9
 227 63.1 32.3 96.9

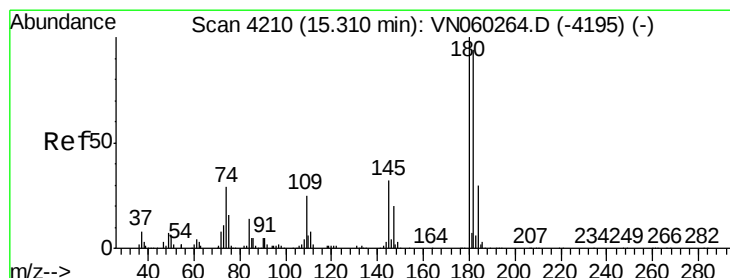
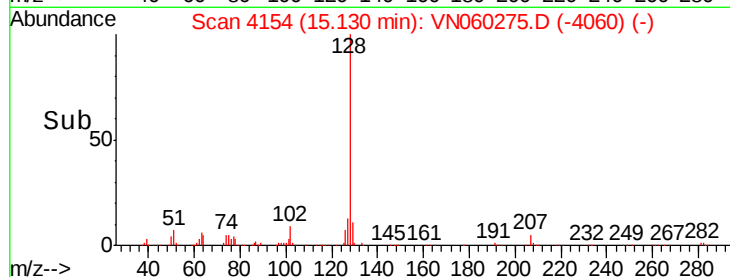
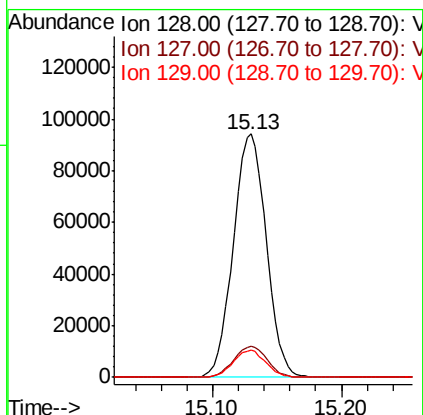
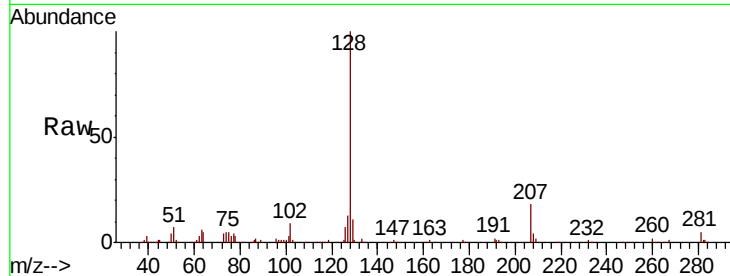




#95
Naphthalene
Concen: 18.557 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 167386
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.942 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060275.D
Acq: 28 Feb 2020 11:40

Tgt Ion:180 Resp: 54454
Ion Ratio Lower Upper
180 100
182 97.6 47.3 142.0
145 33.0 16.2 48.5

